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US ARMY AVIATION CENTER AND FORT RUCKER

ANNUAL HISTORICAL SUPPLEMENT

1978

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PREFACE

This annual historical supplement is a resume of events at the US Army Aviation Center and Fort Rucker for calendar year 1978. It provides an accurate and objective account of the activities of this headquarters during this period.

Information contained in this supplement was based upon reports submitted by various directorates and activities of this installation. All material is presented in an objective and impersonal manner. Details, where possible, have been omitted for the sake of brevity.

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CONTENTS

SECTION I
US ARMY AVIATION CENTER AND FORT RUCKER

	Page
US ARMY AVIATION CENTER AND FORT RUCKER	1
Mission	1
Organization	1
Key Personnel	1
DIRECTORATE OF TRAINING	9
Training Management Division	10
Training Support Division	13
Programs/Budget Division	15
Aviation Training Library	16
Department of Academic Training	18
Department of Flight Training	25
DIRECTORATE OF TRAINING DEVELOPMENTS	29
DIRECTORATE OF COMBAT DEVELOPMENTS	38
DIRECTORATE OF EVALUATION AND STANDARDIZATION	42
US ARMY AVIATION BOARD	47
TRADOC SYSTEM MANAGER	61
Attack Helicopter	61
Advanced Scout Helicopter	63
HELLFIRE	69
STAFF JUDGE ADVOCATE	75
PUBLIC AFFAIRS OFFICE	76
INSPECTOR GENERAL	77
OFFICE OF CIVILIAN PERSONNEL	78
CENTER CHAPLAIN	79
SECRETARY GENERAL STAFF	82

Page

DIRECTORATE OF PERSONNEL AND COMMUNITY ACTIVITIES/SECRETARY ---------- 84

Personnel Services Division ---------- 84
Army Community Service ---------- 87
Office of Accident Prevention (Safety) ---------- 89
Installation Club System ---------- 89
Human Relations Division ---------- 90
Organizational Effectiveness Division ---------- 91
Adjutant General Division ---------- 92
Recreation Services Division ---------- 94
Alcohol/Drug Abuse Division ---------- 97
Provost Marshal ---------- 98
US Army Aviation Museum ---------- 101

DIRECTORATE OF INDUSTRIAL OPERATIONS ---------- 102

Supply and Services Division ---------- 102
Procurement Division ---------- 103
Transportation Division ---------- 104
Maintenance Division ---------- 105
Aircraft Logistics Management Division ---------- 105

DIRECTORATE OF FACILITIES ENGINEERING ---------- 108

DIRECTORATE OF RESOURCE MANAGEMENT ---------- 115

MANAGEMENT INFORMATION SYSTEMS OFFICE ---------- 124

DIRECTORATE OF RESERVE COMPONENTS ---------- 126

DETACHMENT 9, 5TH WEATHER SQUADRON ---------- 127

1ST AVIATION BRIGADE ---------- 129

1st Battalion ---------- 135
4th Battalion ---------- 146
6th Battalion ---------- 150
46th Engineer Battalion (Combat) (Heavy) ---------- 158

SECTION II
TENANT ACTIVITIES

US ARMY AIRCRAFT DEVELOPMENT AND TEST ACTIVITY ---------- 171

US ARMY SAFETY CENTER ---------- 177

US ARMY AEROMEDICAL CENTER ---------- 186

US ARMY AEROMEDICAL RESEARCH LABORATORY ---------- 189

US ARMY COMMUNICATION COMMAND ---------- 194

US ARMY RESEARCH INSTITUTE FIELD UNIT ---------- 198

US ARMY LOGISTIC ASSISTANCE OFFICE (DARCOM) ---------- 200

Page

ARNG MULTI-MEDIA GROUP ---------- 202

DEFENSE PROPERTY DISPOSAL OFFICE ---------- 204

DETACHMENT 1, HEADQUARTERS 14TH AIR BASE GROUP (ATC), US AIR FORCE ---------- 206

US ARMY CRIMINAL INVESTIGATION COMMAND ---------- 207

US ARMY SPECIAL SECURITY GROUP ---------- 208

APPENDIX I INSTALLATION COMMANDERS ---------- 209

APPENDIX II HISTORICAL BACKGROUND ---------- 210

APPENDIX III STUDENT GRADUATIONS ---------- 215

APPENDIX IV GLOSSARY OF ABBREVIATIONS ---------- 217

APPENDIX V INDEX ---------- 237

SECTION I

US ARMY AVIATION CENTER AND FORT RUCKER

MISSION

US ARMY AVIATION CENTER AND FORT RUCKER

Commands, operates, and administers the use of the resources of Fort Rucker, Alabama, to accomplish all assigned missions. Conducts the training and instruction for United States and Allied officers, warrant officers, warrant officer candidates, enlisted personnel, and designated civilian personnel in the various phases of Army aviation. Accomplishes all actions for which the Center is proponent relating to combat and training developments, training devices, training literature, occupational specialities and career management fields, and US Army aviation flight standardization. Provides support to assigned, attached, or tenant activities to include on-post and off-post units or activities in the assigned geographic areas unless such support is specifically assigned to another command.

(Extracted from USAAVNC Regulation 10-1.)

DEPARTMENT OF THE ARMY

UNITED STATES ARMY AVIATION CENTER AND FORT RUCKER

FORT RUCKER, ALABAMA 36362

SEPTEMBER 1978

AUTOVON NUMBERS
Fort Rucker - 558-XXXX
FORSCOM - 588-XXXX
TRADOC - 680-XXXX

GENERAL INFORMATION
Duty Hours (Mon-Fri) 0730-1615 CST
Field Officer of the Day (Nonduty Hours) 3100
Staff Duty Officer (Nonduty Hours) 3400
Ambulance 2800/4186
Military Police 2112
Military Taxi 4188
Emergency Utilities 4283
Fire 117
Dir, American Red Cross 6214
Hosp Emergency Room 2800/4186
Ft Rucker National Bank 598-2401
Avn Cen Federal Credit Union 598-4411
US Post Office 5312
Post Locator 4580
CHAMPUS Advisor 5594

TRADOC SYS MGR ADV SCT HEL
ATZQ-TSM-S BLDG 512
TSM COL Shallcross 3808
ASST TSM-TNG-PERS LTC Moeller 4909
ASST TSM-LOG MAJ Mancuso 2872
ASST TSM-TEST DOCU CPT McClellan 2872
AERO ENGR Mr Fico 2872
SECRETARY Mrs Young 4909

TRADOC SYS MGR ATK HEL
ATZQ-TSM-A BLDG 512
TSM COL Mills 2108
ASST TSM-TNG LTC Moffett 3408
ASST TSM-PERS LTC Hipp 5171
ASST TSM-LOG MAJ Crowley 5171
ASST TSM-T&E MAJ Beach 3408
AERO ENGR Mr Artis 3408
SECRETARY Mrs Ray 3408

TRADOC SYS MGR HELLFIRE
ATZQ-TSM-H BLDG 512
TSM COL Butler 6804
ASST TSM-TNG LTC Anderson 6005
ASST TSM-PERS MAJ Weathers 4072
ASST TSM-LOG MAJ Hogsett 4072
SECRETARY Mrs Kaleta 6005

COMMANDER
ATZQ-CDR BLDG 114
MAJOR GENERAL JAMES C. SMITH 2600
AIDE-DE-CAMP 2606
COMMAND SERGEANT MAJOR CSM ROOTS 4800

EMERGENCY OPERATIONS CENTER
BLDG 5206
CHIEF Mr Cline 6101
STAFF UNIT REPRESENTATIVES DURING EMERGENCIES 6106
(24-HOUR OPERATION DURING EMERGENCIES)

DEPUTY COMMANDER
ATZQ-DCDR BLDG 114
BRIGADIER GENERAL JAMES H. PATTERSON 2808
SP ASST TO THE DEP CDR COL Parker 2612
AIDE-DE-CAMP 1LT Smith 2612

CHIEF OF STAFF
ATZQ-CS BLDG 114
COLONEL WILLIAM R. PONDER 2500
DEPUTY CHIEF OF STAFF LTC Woodhurst 2000
EXECUTIVE OFFICER LTC Speaker 2000

DEPUTY INSTALLATION COMMANDER
ATZQ-DIC BLDG 114
COLONEL PATRICK N. DELAVAN 6671

INSP GEN
ATZQ-IG BLDG 104
IG LTC Parker 3887
ASST IG MAJ Vandel 3887
ASST IG 3887
IG NCO MSG Caldwell 5592
ADMIN INSPECTOR Mrs Woodham 5592
ADMIN ASST Mrs Brackin 5592
RECEPTIONIST Mrs Parmer 5592

STAFF JA
ATZQ-JA BLDG 406
SJA LTC Handcox 4276
DEP SJA MAJ Raney 3308
PROSECUTOR CPT Higginbotham 2708
ADMIN ELIM CPT Plotkin 3308
C, LEGAL ASST CPT Glasser 3482
CLAIMS OFFICER CPT Brook 2517
ADMIN LAW CPT Johnston 3308
PROCUREMENT Mr McBride 3308
GEN ATTORNEY Mr Smith 3482
CHIEF LEGAL CLK MSG Jester 5972

PUB AFFAIRS OFC
ATZQ-PAO BLDG 122
PAO MAJ McDowell 4117
DEP PAO/COMM RELS Mr Strickland 4117
PAO SUPERVISOR MSG Scena 4117
PUBLIC INFO Miss Cobb 4118
RADIO/TV Mr Swicegood 4118
COMMAND INFO MSG Scena 4118
ARMY FLIER SP5 Cambron 4118
WAVN Mr Swicegood 4117

OFC OF CIV PERS
ATZQ-CP BLDG 6605
CHIEF Mr Sheppard 5104
C, P&M BR Mrs White 5301
C, MER BR Mr Cobb 4181
C, TNG & DEV BR Mr Capron 2818
C, REC & PLAC BR Mr Bass 2184
C, TECH SVCS OFC Mr Ramer 4518

CHAPLAIN
ATZQ-CH BLDG 5701
CENTER CHAPLAIN COL McMinn 5900
SECRETARY/P&B ASST Mrs Wells 5900
CATHOLIC PASTOR LTC Flynn 2503
DIR FAM LIFE CTR LTC Buckner 3614
PASTORAL COORD LTC Easley 3692
6TH BN CHAPLAIN MAJ Northrop 5479
INSTRUCTOR, DOAT CPT Brinsfield 2786
4TH BN CH (CATH) CPT Wagner 5282
46TH ENGR BN CH CPT Thomason 3919
1ST BN CH/PROT PASTOR CPT Borovec 6293
CH ACTV SUPV SFC Register 5900
DIR REL EDUC (PROT) Mr Reynolds 5374
DIR REL EDUC (CATH) Sr Kavanaugh 4082

SEC GEN STAFF
ATZQ-SG BLDG 114
SGS MAJ Gaston 2618
ADMIN SUPV SSG Hunter 2973

PROTOCOL DIV
CHIEF CPT Collins 3100
PROTOCOL ASST Mrs Watson 3400
NCOIC SP5 Griffin 3100

EQUAL EMPL OPPOR OFC
ATZQ-EEOO
EEOO Mr Crenchaw 5880
DEP EEOO
SECRETARY

SP ASST TO THE CDR
CIV PERS OFF Mr Sheppard 5104
CHAPLAIN COL McMinn 5900
EQUAL OPPOR OFF Mr Crenchaw 5880
WOMEN'S COORD Ms Godwin 5989/2201
SP SCTY OFF 1LT Uchrinscko 2878
CDR'S ADVR FOR MIL WOMEN'S AFFAIRS LTC Delgado 4201

LIAISON OFFICERS

AT TRADOC
USAINSCOM CPT Campbell 2009
TRADOC LTC Laudati 73113
CANADIAN LTC Ross 2804
FED REPUB/GERMANY COL Biemann 3156
NETHERLANDS COL Elgersma 3116
UNITED KINGDOM Lt Col Heard 2923
US AIR FORCE COL Motley, Jr 3111
US MARINE CORPS COL Vorgang 2736
ARI LN OFF Dr D. B. Jones 3759

AT TCATA (FT HOOD)
MAJ Macey 737-9612

AT FORT RUCKER
ATZQ-SG-LN BLDG 602
AUSTRALIAN AF SQDN LDR Jones 4585
BRITISH ARMY LTC Everett-Heath 5508
CANADIAN ARMY MAJ Hall 3715
FRENCH ARMY COL Regis 4514
GERMAN ARMY LTC Roeper 5309
SECRETARY Mrs Botts 4585
BLDG 506
US MARINE LN OFF Lt Col Simpson 2016
BLDG 5302
SR USAF REP LTC Ivins 6792
BLDG 114
SP ASST RC LNO LTC Peterson 6405
BLDG AB 810
FAA AIR TFC REP Mr Marshman 4317
BLDG 5111
FAA ARMY LN OFF Mr Sampson 3589
BLDG 412
DEF CONTR AUDIT AGCY 2907
BLDG 904
RESIDENT ENGR Mr Stevens 4113
BLDG 501
USACC LIAISON NCO 2180

DIR OF COMBAT DEV
ATZQ-D BLDG 507
DIR OF CBT DEV COL Knight 3203
XO LTC Greene 6771
TECH ADV Mr Maccabe 6771
SECRETARY Miss Hagler 6771
US MARINE LNO LTC Simpson 2016
HEL LNO Mr Hoffman 3303

PROGRAM MGT OFC
ATZQ-D-A BLDG 507
CHIEF Mrs Vaughan 2703
MGT OFFICER CW4 Barnes 6771
OP SGT SFC Kirkland 5417
PROGRAM ANALYST Ms Hodges 6271
MGT ASST Ms Smallwood 6771
COMPUTER SP Ms Godwin 5989/2201
CLASSIFIED LIB Mr Beasley 5417
MSG CENTER SSG Patanio 6379
SUPPLY 4684
GRAPHIC ARTS Ms Dorough 5471

CONCEPTS AND STUDIES DIV
ATZQ-D-C BLDG 412
CHIEF LTC Thornton 3500
ASST CHIEF CPT Hayes 4709
STUDY ADVISOR Mrs Berta 4709
SECRETARY Mrs Dory 3500

SCORES BRANCH
ATZQ-D-CS BLDG 508
CHIEF LTC Johnson 3512
PROJ OFF MAJ Bardot 3512
PROJ OFF MAJ Hawk 3512
PROJ OFF MAJ Mowdy 3512
PROJ OFF CPT Butcher 3512
INTEL SP SFC Ramthun 3512
SECRETARY Ms Martin 3512

CONCEPTS BRANCH
ATZQ-D-CD BLDG 508
CHIEF MAJ Peterlin 4704
PROJ OFF MAJ Evans 4704
PROJ OFF CPT Martin 4704
PROJ OFF CPT Olson 4704
SECRETARY Mrs Whitman 4704

STUDY BRANCH I
ATZQ-D-CA BLDG 402
CHIEF LTC Lunsetter 2701
PROJ OFF CPT Stokes 2701
ELEC ENGR Mr Burwell 2701
ORA Mr Songy 2701
SECRETARY Mr Gregory 2701

STUDY BRANCH II
ATZQ-D-CB BLDG 402
CHIEF MAJ Watts 2307
PROJ OFF MAJ Black 2307
PROJ OFF MAJ Konkle 2307
ORA Mr Young 2307
SECRETARY Mrs Reynolds 2307

STUDY BRANCH III
ATZQ-D-CC BLDG 402
CHIEF LTC Brown 5418
AERO ENGR Mr Wallace 5418
EQUIP SPEC Mr Smith 5418
ORA Mr Ellis 5418
ORA Mrs Thorpe 5418
SECRETARY Mrs Manley 5418

TEST AND EVAL DIV
ATZQ-D-T BLDG 506
CHIEF LTC Smith 2405
PROJ OFF MAJ Benson 4171
PROJ OFF MAJ Parker 4171
PROJ OFF CPT Mauck 4171
PROJ OFF CPT Jones 4171
ELECT ENGR 2405
EQUIP SP Mr Garbarini 2405
EQUIP SP Mr Richie 2405
EQUIP SP Mr Durall 4171
SECRETARY Mrs Pangle 2405

MATERIEL DEV DIV
ATZQ-D-M BLDG 504
CHIEF LTC Ellis 5511
SECRETARY Mrs Johnson 2914

AVIONICS, VISIONICS EW BRANCH
ATZQ-D-MA BLDG 504
CHIEF LTC Ohlenburger 2406
PROJ OFF MAJ Teipel 4872
PROJ OFF MAJ Trickler 5902
PROJ OFF MAJ Everson 5902
PROJ OFF MAJ Corbett 4872
PROJ OFF CPT Cawthon 3973
EW EMPL OFF CPT Staub 3973
ELECT ENGR Mr Barefield 4872
EQUIP SP Mr Heath 4872
EQUIP SP Mr McEachern 4872
SECRETARY Mrs Golden 2406

SYSTEMS BRANCH
ATZQ-D-MS BLDG 503
CHIEF MAJ Fields 5817
PROJ OFF MAJ Gram 5020
PROJ OFF MAJ Karig 2079
PROJ OFF MAJ Glynn 5020
PROJ OFF CPT DeMaria 5272
PROJ OFF CPT Steimle 5272
PROJ OFF CPT Mackey 5272
PROJ OFF CPT Payne 5272
RSCH SP MAINT MSG Cox 5272
EQUIP SP ORD Mr Wagner 5071
AEROSPACE ENGR Mr Baker 5071
EQUIP SP GEN Mr Birringer 5071
SECRETARY Mrs Walding 5817

ORG/FORCE DEV DIV
ATZQ-D-O BLDG 506
CHIEF LTC Stebbins 3489
PROJ OFF CPT McCammon 3489
PROJ OFF CPT Pedersen 3489
EQUIP PLANS SP Mr Boswell 3489
WRITER Mr Johnson 3489
SECRETARY Mrs McClenny 3489

DIR OF TNG DEV
ATZQ-TD BLDG 502
DIR OF TNG DEV COL Powell 3320
DEP DTD 3096
DEP FOR EDUC MGT Mr Newsom 3096
SECRETARY Mrs Wheeless 3320

PROGRAM MGT OFC
ATZQ-TD-PM BLDG 502
CHIEF Mrs Rhodes 3212
OP SGT MSG Lee 5893
PROGRAM ANALYSTS 5878
ADMIN OFF Mrs Barefield 5893
TRAMIS/CACMIS 5878

WORD PROC CEN
BLDG 519
CHIEF 6209
SUPPLY SGT SFC Davis 4294
WPC COORD Mrs Knott 4572
MSG CTR 4791

TNG ANAL AND DESIGN DIV
ATZQ-TD-TAD BLDG 517
CHIEF LTC Furney 5412

TNG ANAL BRANCH
ATZQ-TD-TAD-TA BLDG 518
CHIEF MAJ Murphy 7111
PROJECT OFFICERS 5873/5910

TNG DEVICES BRANCH
ATZQ-TD-TAD-D BLDG 518
CHIEF 5619
PROJECT OFFICERS 5619

TNG DESIGN BRANCH
ATZQ-TD-TAD-TD BLDG 517
CHIEF MAJ Davis 5318
PROJECT OFFICERS 6989/5385
EDUC SP Mr Gary 6876/5318

TNG LITERATURE DIV
ATZQ-TD-TL BLDG 603
CHIEF MAJ Hudgins 7120
ATM STUDY MGR MAJ Brennan 4619

GEN PUB BRANCH
ATZQ-TD-TL-GP BLDG 603
CHIEF CPT Schmidt 2482
PROJECT OFFICERS 2482
PROJECT OFFICERS 3801

DOC AND STDZN PUB BR
ATZQ-TD-TL-DS BLDG 603
CHIEF CPT Antczak 7113
PROJECT OFFICERS 4586

PUB PROD BRANCH
ATZQ-TD-TL-PP BLDG 516
TNG LIT COORD/CHIEF CPT Smith 5585
VIS INFO SP/GRAPHICS Mrs Akin 5585

COURSE DEV DIV
ATZQ-TD-CD BLDG 8745/8746
CHIEF LTC Bedsole 3119
INSTR/PRIMARY TEAM 3011
CARGO/FW TEAM 3786
AEROSCOUT TEAM 3011
UTILITY TEAM 6785
ATTACK TEAM 3786
DEVELOPMENTAL SYS 6978
71P TEAM 2106
93H/J TEAM 6917
WO CAREER TEAM 5216
TEC/ACCP 2492
PRODUCTION SPT 3703
POI COORD 3596

TNG AIDS BRANCH
ATZQ-TD-TS-TA BLDG 9313
C, TNG AIDS BR Mr Goodson 2116
ADMIN/SUP BR Mr Mims 2104
GRAPHICS BR Mr Seay 3884
DEVICES BR Mr Hornsby 3714
ELEC BR Mr Crozier 2211
PHOTO BR Mr Barron 2805

ETV BRANCH
ATZQ-TD-TS-ETV BLDG 5202
C, ETV Mr Carr 5408/6787
PRODUCTION BR Mr Barranco 6694
ETV TECH OP BR Mr Tullos 6205/4388

AVIATION DIGEST
ATZQ-TD-AD BLDG 602
ED, AVN DIG Mr Tierney 3619
WRITERS 6680

STAFF & FAC DEV DIV
ATZQ-TD-SF BLDG 5013
CHIEF Mr Gibbs 3793
EDUC SP 6420

DIR OF TNG
ATZQ-T BLDG 114
DIR OF TNG COL Burton 2300
XO LTC French 2187
SGM SGM Rogers 5397
ADMIN OFF Mrs Drew 3200

DEPT OF FLT TNG
ATZQ-T-FT BLDG 2805
DIRECTOR COL Simmons 2607
DEP DIR MAJ Suber 2881
SR INSTR SGM Milam 2894
ADMIN OFF Mrs Boginski 2715
MGT ASST Mr Taylor 5696
SUPPLY OFF Mr Whittle 6089
SAFETY OFF CPT Pixton 5691
MSG CENTER Mr Gumpenberger 6580

OP BRANCH
ATZQ-T-FT-O BLDG 2805
CHIEF MAJ Sando 2214
OP OFF CPT Brown 2188
C, OP SGT SGT Achman 2188
STU MGT CPT Price 6885
EDUC SP Mr Cunningham 2214

HANCHEY DIV
ATZQ-T-FT-H BLDG 50102N
COMMANDER LTC Abbey 4301
ASST CDR 2289
TNG SCHEDULING CPT McFall 2209
SAFETY CW2 Eschler 6611
NCOIC MSG Rounds 2289

ATK/AEROSCOUT BR
BLDG 50105
CHIEF MAJ Fishbaugh 6008
FLT OP SP SGT Lancaster 6008
AH-1G AQC/IPC CPT Willis 3580
AH-1S TOW CPT Shipes 4892
OH-58 IPC/MOI CPT Krause 3580
OH-58 AEROSCOUT CPT Beck 3580

CONTRACT EVAL BR
BLDG 50102S
CHIEF MAJ Watts 4720
FLT EVAL SEC 5507

CARGO BR
BLDG 50102N
CHIEF CPT Strickland 5716
CH-47 IPC CPT Croft 5987
CH-47 AQC 4086

FLT OP BR
BLDG 50101
CHIEF SFC Brooks 3818
FLT OP CHIEF 2690
SERVICE SEC 2690
ATC (USACC) SFC Snider 6912
DISPATCH DESK 3387

CAIRNS DIV
ATZQ-T-FT-C BLDG 30205
COMMANDER LTC Thacker 4914
ASST CDR MAJ Wimberley 3811
ADMIN SEC 4314
SAFETY OFF CW4 Johnson 7182
C, TNG SEC CPT Foster 3316
C, FLT OP SGT Hilliard 6217

CONTRACT EVAL BR
BLDG 30205
CHIEF CPT Ingram 3984
STU MGT OFF CPT Rairigh 6402
FLT CDR FW CW3 Vieau 3788
FLT CDR, RW CPT Sneckenberger 3394

RW INSTR BR
BLDG 30205
CHIEF CPT Spencer 5820
FLT CDR RWART CPT Muse/ 3195
CPT Beziat 5875
FLT CDR RWIFEC CPT Pekarek 2720

LOWE DIV
ATZQ-T-FT-L BLDG 40133
COMMANDER LTC Primis 6003
ASST CDR MAJ Quesinberry 5395
SAFETY OFF CW2 Cajandig 2082

TNG SCD BR
BLDG 40133
CHIEF CPT Grafel 5888
OP OFF CPT Hall 3696

AFLD OP BR
BLDG 40110
HELIPORT CDR MAJ Meadows 2017
FLT OP CHIEF SFC Navarro 2086
FLT DISPATCH 2015

RUNKLE BR
FLT OP CH Dial Operator, Ask for 54

CNTC/NIGHT QUAL BR
BLDG 40136
CHIEF MAJ Dickson 2414
FLT I CPT Jennings 4212
FLT II CPT Picot 4212
FLT III CPT Jacobi 6689
FLT IV CPT St John 2414

CBT SKILLS BR I
BLDG 40112
CHIEF CPT Malcolm 4605

CBT SKILLS BR II
BLDG 40112
CHIEF CPT Beals 6418

UH-1 IP/MOI BR
T10002/40112
CHIEF MAJ Ingram 3310
UH-1 IPC FLT CPT Barnes 3582
MOI FLT I CPT Gregory 6289
MOI FLT II CPT Cobb 2783
MOI FLT III CPT Baker 4686
STANDARDS FLT CPT Sickler 5691
STU MGT OFF CPT Ward 6708

AVN TNG LIBRARY
ATZQ-T-ATL BLDG [illegible]
CHIEF Miss Durkin 4591
LIBRARY STAFF 5014

PROG/BUD DIV
ATZQ-T-PB BLDG 114
CHIEF Mr Dodson 2008
PROGRAMS CPT Sobul 4405
BUDGET Mr Parrish 2710

TNG SPT DIV
ATZQ-T-TS BLDG 114
CHIEF MAJ Wallace 3804
C, ACFT MGT BR MAJ Mellen 3800
C, SCD BR CPT Lee 2585
C, RANGE BR CPT Harper 2811

TNG MGT DIV
ATZQ-T-TM BLDG 114
CHIEF MAJ Chiverton 3603
C, PLANS BR CPT Reimer 3217
AVMIS WO1 Krajewski 4393
GRAPHICS Mrs Walker 6073

AFLD/AIRS BR
BLDG 114
CHIEF CPT Murphy 5518
SAFETY OFF CW3 Dossett 5518
ATC SP Mr Faulkner 2680

CAIRNS AAF BR
BLDG 101AB
AFLD CDR MAJ Coulter 4414
C, LAQS CPT Des Jardins 3502
C, FLT RCDS Mrs Welcher 5506
SAFETY OFF CW2 Miller 4991
OP NCO SFC Maschmeier 3279
C, FLT DSPCH SSG Martin 4785
FLT DSPCH 2314

DEPT OF ACAD TNG
ATZQ-T-AT BLDG 5108
DIRECTOR COL Brown 5600
XO MAJ Calhoun 5308
ADMIN OFF Mrs Hatfield 5979
SGM SGM Drown 5481

SUPPLY BR
ATZQ-T-AT-S BLDG 5405
SUPPLY OFF CW2 Madden 6705
SUPPLY NCO SSG Jackson 6798

OPS DIV
ATZQ-T-AT-O BLDG 5107
CHIEF MAJ Owens 2683
PLANS/PROJ OFF CW4 Measles 2683
TRAINING OFF CPT Coursey 2088
TRAINING NCO SSG Peplow 4288

AVN LEARNING CEN
ATZQ-T-AT-LC BLDG 101
CHIEF MAJ Musgrave 5082

EXT TNG MGT DIV
ATZQ-T-AT-E BLDG 120
CHIEF Mr Patton 5990

ATC DIV
ATZQ-T-AT-ATC BLDG 8219
CHIEF LTC Sanders 2392
OPS OFF 5186
C, COM SUBJ BR MAJ Coleman 5296
C, DEP BR MAJ Elliott 5279
C, ADV BR Mr Allen 6601

CAREER TNG DIV
ATZQ-T-AT-CT BLDG 5302
CHIEF LTC Jones 5884
OPS OFF MAJ Williams 5884
C, COMBAT SKILLS MAJ Shryock 2309
C, AVN BR MAJ McGraw 3881
C, CA BR MAJ Procter 2876
C, MGT LDR BR MAJ Davis 2376

FLT SIMULATOR DIV
ATZQ-T-AT-FS BLDG 4901
CHIEF LTC Curbow 2480
OP OFF 4604
C, UH1 FLT SIM BR MAJ Weaver 4604
C, FLT SIM TRN BR 4604
C, WW SW SPT BR CW4 Roper 2183

MAINT TNG DIV
ATZQ-T-AT-MT BLDG 6005
CHIEF MAJ Boyd 2992
OPS OFF CPT Taylor 2992
C, OBS BR CPT Fernandez 5383
C, UTIL/ATK BR CPT Clarke 6281
C, GEN SUBJ BR CPT Dortch 4292

USAF OLAK 4525TH COMBAT APPL SQDN (TAC)
BLDG 5302
SR USAF REP Lt Col Ivins 6792
OP ST OFF MAJ Lowery 6515
Capt Patton 6515
ADMIN TECH MSGT Dupree 6515

DET 9-5TH WEA SQ (MAC) USAF
CAIRNS AAF BLDG 101
CDR Lt Col Pinder 3902
ASWO MAJ Marino 3902
C, FCSTR CPT Ransdell 2804
C, OBSV MSG Gulley 3078

DIR OF EVAL/STDZN
ATZQ-ES BLDG 5111
DIRECTOR COL Wingate 2603
ASSISTANT DIRECTOR LTC Torres 7174
SECRETARY Mrs Sayles 7174
AR 95-1,95-63(INFO) Mr Hickman 6389
SAFETY OFFICER CW4 Novosel 7174
FAA LNO Mr Sampson 3589
NG STDZN OFF LTC Joyner 6309

PROGRAM MGT OFC
ATZQ-ES-PM BLDG 5111
CHIEF Mrs Swindall 6389
ADMIN OFF 1LT Bahnsen 3589

STDZN LIT REV TM
ATZQ-ES-SL BLDG 5111
CHIEF Mr Baldwin 6487
OP MANUALS/CL's Mr Wall 4603

EVALUATION DIV
ATZQ-ES-E BLDG 5012
CHIEF LTC Conner 6571
INTERNAL EVAL BR MAJ Michael 6875
EXTERNAL EVAL BR CPT Ronan 6875
TECH SUPPORT SEC CPT Norvell 4691

FLT STDZN DIV
ATZQ-ES-FS BLDG 5112
CHIEF MAJ Shields 3504
UTILITY BR MAJ Edwards 6309
OBSN/ATK BR CPT Behne 6309
CARGO/FW BR CPT Hicks 6309
PLANS/OP BR MAJ Primm 3617
OP NCO MSG Boyd 3617

USA AVIATION BOARD
ATZQ-OT BLDG 501AB (CAIRNS AAF)
PRESIDENT COL Bonifacio 2179
XO LTC Burkhalter 2179
TECH ADVR Mr Slagley 2179
SGM SGM Lisenby 2179
SECRETARY Mrs Caskey 2179

HQ CO
ATZQ-OT-H
COMMANDER MAJ Patterson 3803
1SG SFC Griffin 3803

ADMIN SPT DIV
ATZQ-OT-S
CHIEF LTC Chesser 3479
C, ADMIN CLK SFC Flinner 3479
SUPPLY Mr Riley 3685
COMP SP Mr Locklar 6578

RESOURCE MGT DIV
ATZQ-OT-R
CHIEF Mr Tindell 3794
BUDGET Mrs Hall 3794
TRMS OFF Mrs Simpson 3794

TEST CONCEPT AND OP DIV
ATZQ-OT-C
CHIEF LTC Fournier 6578
SR TEST OP OFF MAJ Landon 6578
TEST CONCEPT OFF CPT Rotolo 6578
TEST CONCEPT OFF CPT Fouche 6578
SENIOR CONCEPT/METH LTC Ross 6578
OR ANAL Dr Dees 6578
AERO ENGR Mr Miller 6578
ELEC ENGR Mr Anderson 6578
MATH STAT Mr Dommasch 6578
ENG PSYCHOLOGIST Mr Harrison 6578

ELCT SYS TEST DIV
ATZQ-OT-E
CHIEF LTC Price 3683
PROJ OFF MAJ Miller 4677
PROJ OFF CPT Jones 3690
PROJ OFF CPT Goff 4278
PROJ OFF CPT Merkel 4677
EQUIP SP Mr Spencer 4677

ELCT [illegible] TEST [illegible] BR
ATZQ-OT-EM
CHIEF MAJ Brittingham 6115
TEST NCO SFC Girdley 4916
INST TECH Mr Leddon 3892
EQUIP SP Mr Lamkin 3892

ACFT SYS TEST DIV
ATZQ-OT-A
CHIEF LTC Rhodes 6081

UTILITY/CARGO BR
ATZQ-OT-AU
SR TEST PROJ OFF MAJ Dickens 2375
TEST PROJ OFF 2882
TEST PROJ OFF CPT Reese 2882
TEST PROJ OFF CPT Luckey 6494
ACFT MAINT TECH/EVAL CW3 Dize 2882
PROJECT NCO SFC Wilson 2882
PROJECT NCO SSG Ashburn 2882

SCOUT/ATTACK BR
ATZQ-OT-AS
SR PROJ OFF CPT Mount 6082
TEST PROJ OFF 3682
TEST PROJ OFF CPT Bridgers 6083
ARMT TEST PROJ CW4 Maxwell 4071

MAJ SYS TEST DIV
ATZQ-OT-M BLDG 30501
CHIEF LTC Neuwien 3690
SR TEST PROJECT OFF MAJ Glance 3690
TEST PROJECT OFF MAJ Swinehart 3690
TEST PROJECT OFF 3690

DIR OF RESOURCE MGT
ATZQ-RM BLDG 110
DIRECTOR COL Koehler 4581
DEP DIRECTOR Mr Wright 4581
COST ANALYST Mr Akridge 5483
INST ACCOUNTANT Mr Locklar 2202
ADMIN OFF Mrs Potts 4992
SECRETARY Mrs Newman 4581

INTERNAL REVIEW DIV
ATZQ-RM-IR BLDG 110
CHIEF Mr Barrett 5486
AUDITORS 5486

PROG & BUDGET DIV
ATZQ-RM-PB BLDG 110
CHIEF Mr Broxson 5084
BUDGET ANAL 5084
ALLIED MIL TNG Mrs Aldridge 5084

FORCE DEV DIV
ATZQ-RM-FD BLDG 110
CHIEF Mr Flowers 3676
MANPOWER ANAL 4985/3676
DOC/EQP Mrs Gatlin 6376
STATISTICS Mrs Watson 3676

MGT ANAL DIV
ATZQ-RM-MA BLDG 110
CHIEF Mr Howell 4382
MGT ANAL 2473
REV & ANAL Mrs Carr 2473
MGT INFO CON Mrs Carr 2473
QRIP Mr Mathis 2473
TRAMIS Mrs Stark 4582

FIN & ACCTG DIV
ATZQ-RM-FA BLDG 6012
FAO MAJ Poole 6491
DEP FAO Mr Wilson 6491
NCOIC SGM Dennis 6491
SECRETARY Mrs Pritchard 6491
ADMIN Mrs Sartin 2089
DATA CONV Mr Calhoun 3486
C, ACCTG BR Mr Bryan 2814
C, ANAL & RECON Mrs Crosby 3218
C, CONTROL SEC Mr Bragg 7173
C, INSTL ACCT Mrs Windham 2788
TEL & UTIL BILLS 6695
C, DISBURSING Mr Pouncey 5582
CASH SECTION Mrs Drew 5582
CHECK & BONDS Mrs Moates 5582
C, PAY & EXAM CPT Allen 6907
C, CIV PAY Mr Peacock 6096
C, COMM ACCTS Mr Harrison 4593
C, TVL PAY SEC Mrs Hatfield 3281
C, MIL PAY SEC Mrs Brammer 7118
C, FIN SVCS SEC Mr Eldridge 7185
C, QA BR 6075
PAY INQUIRIES SSG Jackson 5193
PAY INQ RECORDER 5195
IN/OUT PROCESS Mrs Phelps 6312
NAFCAB (BLDG 110)
CHIEF CPT Williams 5097
ASST CHIEF Mr Wiggins 5097
SECRETARY Mrs Russell 5097

DIR OF HEALTH SVCS
ATZQ-HS BLDG 301
DIRECTOR COL Sanders 2616

DIR OF DENTAL SVCS
ATZQ-DDS BLDG 4107
DIRECTOR COL San Filippo 2809

DC-E
ATZQ-CE BLDG 110
DIRECTOR LTC Johnson 2173

DPCA/SECY
ATZQ-PA BLDG 114
DIRECTOR COL Plyler 2100
DEP DIRECTOR LTC Moore 3802
OFF MGT CPT Leopold 6013
ASST SECY MAJ White 6976
NCOIC MSG Carroll 3488
C, ADMIN & MGT Mr Fondren 5017
MUSEUM CURATOR Mr Sabiston 4507

ADJ GEN DIV
ATZQ-PA-AG BLDG 5506
ADJUTANT GENERAL LTC Crouch 2700
AG SGM SGM Uszuko 4595
ADMIN NCO SSG Herrero 2605
RETIREMENT SVCS OFF Mr Cooper 5208
C, SPOS CPT Steklasa 3480
ASST C, SPOS SGM Krahn 3496
STU RECORDS Mrs Barbe 4796
NCOIC, STU MGT SSG Richard 3480
ACAD RECORDS Mrs Webb 4098
C, ADMIN SVCS BR Mr Powell 2010
NCOIC, ASB SSG Eckel 2010
USAAVNC DIRECTIVES Mrs Hardwick 3284
TDY ORDERS/CB CLK Ms Roberts 2010
RECORDS MGR Mrs Lisenby 3709
COPIER CONTROL Mr Shirley 3709
WORD PROCESSING Mr Skeen 3709
MAIL & DISTR Mr Gibson 4792
POST LOCATOR SSG Jones 4580
PUBLICATIONS Mr Phillips 4215
FORMS MGT Mrs Felkel 4379
ARMY FLD PRTG PLANT Mr Bolling 5704
ADMIN SPT Ms Haven 2284
C, COMPACT CPT Forth 2605
MIL PERS TECH Mrs Coffey 2605
DUTY ROSTERS Mrs Midkiff 4593
C, CUSTOMER SERVICE Mrs May 4087
NCOIC, CUSTOMER SVC SGT Brown 4057
ID CARD SP5 Webb 4380
C, PERS ACTIONS 1LT Diamond 5215
NCOIC, PERS ACTIONS SFC Jacobson 5215
NCOIC, CASUALTY UNIT SGT Helton 5620
C, PP MGT 1LT Higley 6114
ASST C, PP MGT 1LT McNeil 4896
NCOIC, PP MGT SFC Keen 6114
LEVY Mrs Dorriety 2918
OFF MGT CW4 McInnis 4195
C, TRANSFER POINT 1LT Trower 3018
C, PP RECORDS CW3 Bennett 4214
NCOIC, PP RECORDS SSG Linton 2991
SUPV, PP RECORDS Mrs Carter 4209
ENL TM #1 Mrs Senn 2998
ENL TM #2 Mrs Crowley 4788
ENL TM #3 Mrs Crosier 4386
OFF RECORDS Mrs Holland 7192
OFF EVAL REPORTS Mrs Tinch 2598
IN/OUT PROCESSING SP5 Meadows 2891
C, SIDPERS Mrs Shirah 5913
SYSTEMS ANALYST SP6 Fremd 7180
C, REENLISTMENT SFC Johnson 5912
USAR CAREER COUNS MSG Hamilton 4506

PROVOST MARSHAL DIV
ATZQ-PA-PM BLDG 509
PROVOST MARSHAL COL Anderson 2610
ADMIN NCO SSG Young 2511
OPERATIONS OFFICER CPT Ciriello 2511
OPERATIONS NCO MSG Ballard 5502
AWOL SECTION SSG Loredo 3890
PHYSICAL SECURITY 1LT Bouder 6408
MP INVESTIGATIONS SSG Martin 4417
VEH REGIS SSG Thuston 5692
TRAFFIC SECTION SSG Thuston 6518
GAME WARDEN SSG Groves 4104
MP DESK SGT 6116

HUMAN REL DIV
ATZQ-PA-HR BLDG 5703
CHIEF CPT Alford 6805
HR/EO NCO SFC Riley 2292
EDUC/TNG NCO SFC Karvonen 2292
EDUC/TNG NCO SFC Herbert 2292
EDUC/TNG NCO SSG Green 2292

ORG EFF DIV
ATZQ-PA-OE BLDG 5703
CHIEF CPT Hueschel 5880
OESO CPT Carmack 5880

ALCOHOL/DRUG ABUSE DIV
ATZQ-PA-ADA BLDG 4114
CHIEF MAJ Potts 4389
ADMIN Ms Kurtz 6902
CLINICAL DIR Mr Lightel 6812
CIV PROG COORD 6902
EDUC COORD 6712

ARMY COMMUNITY SERVICES
ATZQ-PA-ACS BLDG 5704
CHIEF MAJ Steen 3815
ACS OFFICER Mr Aylesworth 3817
SOLICITATION OFF 3817
INSURANCE OFF 3817
AER OFFICER 2LT Austin 3898
AER CLERK Mrs Mize 3898
NCOIC SFC Stewart 4703
CITIZENSHIP/NAT SP5 White 4703
VOLUNTEER SUPV Mrs Delavan 3815
CONSUMER AFFAIRS 3817
INFORMATION REF 4703
LENDING HANGAR 6900

ACCIDENT PREVENTION
ATZQ-PA-AP BLDG 102
CHIEF Mr Hickey 2301
GROUND SAFETY 2388/6177
AVIATION SAFETY 2491/2388
HAZARD REPORTING 3000
C, ACFT/ACDT INVES MAJ Gould 3210

PERSONNEL SVCS DIV
ATZQ-PA-PS BLDG 115
CHIEF LTC Delgado 4201
SECRETARY 4993
PERS SVCS OFF 4993
CHECK CONTROL Mrs Lesser 5488
CUST, MSF CPT Blalock 6605
DEPN SCH SUP Mr Breads 4978
C, EDUC SEC Mr Smith 3613

RECREATION SVCS DIV
ATZQ-PA-RS BLDG 8914
RECR SVCS OFF MAJ Keller 5201
RECR SVCS NCOIC SFC Baum 3092
RECR SVCS ADMIN Ms Slavin 2592
RECR SVCS SUPPLY Ms Bradshaw 3092
ARTS & CRAFTS Mr Andrews 5311
DEPN YTH ACTV Mr Adkins 5307
LIBRARIAN Ms Kuntz 5010
SPORTS & ATH TNG DIR Mr Smith 2393
RECR CEN DIR Ms Davis 5111
RESERVATIONS OFC Ms Gavette 5816
OUTDOOR RECR DIR Mr Zapp 4305
GOLF COURSE MGR Mr Redd 3810
BOWLING LANES MGR Mr Pritchard 5790
SNACK BAR MGR Mr Harrell 4304

INSTL CLUB SYSTEM
ATZQ-PA-ICS BLDG 115
ICM Mr Wissel 255-6910
ASST ICM 598-2474
DELACCT Ms Conner 598-2474
ENTERTAINMENT Ms Ellenburg 598-2474
PROCUREMENT SUPPLY Ms Andrews 598-4449
PROCUREMENT FOOD Ms Malpass 598-4449
OFF CLUB BR MGR CW2 Seeds 598-2426
ANNEX MGR(MAIN CLUB) SSG Black 598-2426
CATERING Ms Curry 598-8014
CASHIER Ms Sutton 255-5187
NCO BR MGR Mr Harrelson 598-2491
ANNEX MGR(ENL CLUB) SSG Little 598-2491
ANNEX MGR(NCO LL) SSG Carcia 598-2620
CASHIER Ms Miller 255-5191
PK BEV BR MGR Mr Filipiak 598-2566

DIC
ATZQ-DI BLDG 114
DIRECTOR COL Christopher 2400
DEP DIR Mr Grantham 3300
SGM SGM Fulp 3300
C, ADMIN/MGT BR Mr Tew 4109
C, PLANS BR MAJ Tanner 5403
SURV/INVT Mr White 3300
CSD SFC Wilborn 6714
SPACE ALOC/ENERGY WO1 Wilkie 6872
CITF COORD Mr Walton 3481
ADMIN OFF Mr Savey 2791

SUP & SVCS DIV
ATZQ-DI-S/S BLDG 1113/1114
CHIEF LTC Osborne 5400
ASST CHIEF Mr Brackin 5213
SUP NCO SFC Poole 2883
C, PROP CON BR Mr Helms 5514
C, RES COMP BR Mr Brunson 3208
C, CIF Mr Alberson 6598
C, SVCS BR Mr Grantham 3017
C, TDA SECTION CW3 Cohen 5401
C, CUSTODIAL SVC Mr Sellers 5717
C, CUSTOMER ASST 5211

PROCUREMENT DIV
ATZQ-DI-PC BLDG 1161
CHIEF MAJ Tomita 3404
ASST CHIEF Mr Ellis 3404
ACFT MAINT CONTR Mr Newton 4771
CONTRACTING OFF Mrs Warren 4919
PRICE ANALYST Mr Doyle 4771
C, PURCHASE BR Mrs Stinson 2411
C, ADMIN SPT BR Mrs Livesay 3918

TRANS DIV
ATZQ-DI-T BLDG 618
CHIEF CPT Porter 5116
NCOIC SFC Barksdale 5117
C, TRANS BR CPT Bennett 2611
C, MVTS BR Mr Rhodes 2410
C, TMP OP SEC SSG Aplin 2790
C, TMP MAINT SEC Mr Phillips 5083
C, MAT MOVT SEC Mrs Nowell 5202
C, PERS MOVT SEC Mrs Griffin 5105
C, PERS PROP/INSP Mrs Tindol 3415
C, TML WHSE SEC Mr Mauldin 5379
AIRLINE OFC 6167
TRAILWAY BUS STATION 2023
MILITARY TAXI 4188/4189

MAINT DIV
ATZQ-DI-M BLDG 411
CHIEF LTC Poulnot 3401
ASST CHIEF Mr Hedrick 2512
C, PP&C Mr Benton 5011
C, QA BR Mr Brooks 6608
TAMMS/UNIT RDY Mr Blackshear 3216
C, COM/ELEC BR Mr Justice 3605
C, GEN EQUIP BR Mr Kelly 3906
C, SPEC PUR/TAC VEH Mr Thompson 6279
C, FLT SIM MAINT BR Mr Stewart 5674
C, ATSSB CW4 French 2090

ACFT LOG MGT DIV
ATZQ-DI-AQ BLDG 412
CHIEF/COR MAJ Dayton 5700
C, SUP SURVL Mr Welch 5200
C, MAINT SURVL MAJ Shoults 2707
C, PROD SURVL 4000
NCOIC MSG Greenberg 3204
OIC, ACFT COMP CW3 Clinansmith 6406
OIC, CAIRNS CW4 Hill 5404
OIC, HANCHEY CW4 Anderson 5210
OIC, LOWE CW4 Shortridge 5512
COMPT SYS ANAL Mr Boothe 2084

DFAE
ATZQ-FE BLDG 1404
DIRECTOR LTC Champion 2113
DEPUTY DIRECTOR Mr White 5807
OPERATIONS OFF LTC Malkoff 6772
ENVIRONMENTAL OFC Mr McLaney 7105
ADMIN OFC Mrs Gardner 2382
RES ENGR(BLDG 904) Mr Stevens 4113

ENGR PLANS & SVCS DIV
ATZQ-FE-PS BLDG 1405
CHIEF Mr Botts 2215
ENGR SERVICES Mr Hayes 7186
MASTER PLANS Mr Herbst 4500
CONTRACT INSP Mr Dowling 3393

ENGR RESR MGT DIV
ATZQ-FE-RM BLDG 1404
CHIEF Mr Skipper 5715
EMERG WORK ORDERS Mrs Hosmun 4283
BUDGET Mrs Ethridge 2897

SUPPLY-STORAGE DIV
ATZQ-FE-SS BLDG 4504-A
CHIEF 2515

BLDGS & GROUNDS DIV
ATZQ-FE-BG BLDG 1404
CHIEF Mr Brantley 2318
LAND MGT BR MAJ Halburnt 5785

FIRE PREV & PROT DIV
ATZQ-FE-FP BLDG 5601
CHIEF Mr Grammont 2911
C, INSPECTION BR Mr Coleman 5920

UTILITIES DIV
ATZQ-FE-U BLDG 1404
CHIEF Mr Dunnavant 6991

HOUSING DIV
ATZQ-FE-H BLDG 5711
CHIEF Mr Hodgkinson 2984/6502
C, FAM HSG BR Mrs Horne 5500
C, BIL BR 1LT Thorpe 3780/3213
ENGR TECH Mr Smith 3315
OFF POST HSG Mr Huntington 3705
HSG FURN MGT OFF Mr Smith 6906

MGT INFO SYS OFC
ATZQ-IS BLDG 114
CHIEF MAJ Jordan 4100
SECRETARY Mrs Johnson 4100

DATA PROC CEN
DALEVILLE
CHIEF CPT Varrieur 3774
DEPUTY Mr Thompson 3774
EDUC SP Mr Apple 3774
ADMIN/SUPPLY
NCOIC SFC Brown 4608
C, SYS ANAL/PROG Mr Long 3101
C, MACH OP BR Mr McCarthy 5293
ADP EQUIP OP Mr Danford 5293
PROD CONTROL 2923
DATA REDUCTION Miss Greer 5293
AVMIS BR 3681/4393

DIR OF RESERVE COMPS
ATZQ-RC BLDG 114
DIRECTOR LTC Peterson 6405
PLANS & TNG OFF
PLANS & OP SP Mr Doggett 6315
PROG ANALYST Miss Wilkes 6315
SP ASST RC LNO Mr Doggett 6581

1ST AVIATION BDE
ATZQ-AB BLDG 4510
CDR COL Bahnsen 5217
DEP CDR LTC Joplin 5284
CSM CSM Ashcraft 3405
CDR SECY Mrs Marcum 5217
PROGRAM ANALYST Mrs Waters 6573

S1
ATZQ-AB-P
S1 CPT Markowski 2305
ADJ 1LT Robertus 3190
ADMIN NCO SFC Vanatter 5501
PSNCO SSG Roberts 2305
STU ELIMS Ms Garrett/Ms Riley 5501
ADMIN ELIMS 5501
SDNCO (BLDG 5504) 4087/5302/4380

S2/3
ATZQ-AB-T
S2/3 MAJ Kummer 7114
SCTY CLNC Mrs Hudson 6684
PHYSICAL SEC SGT Edwards 6684
OP SGT SGM Ullom 7114
ASST OP SGT MSG Pate 5207
TNG OFF MAJ Aigner 5207
TC OFF 1LT Liely 4004
NCO/SQT SFC Griffin 5593
OP/TNG OFF CPT Young 3982
OP/TNG OFF (ceremonies) SFC Edwards 5207
FORMAL SCHOOLS Mr Carpenter 6318
SCHEDULING OFF 6684
PUB AFFAIRS NCO SFC Byrne 6684
PLANS OFF (EOC) Mr Cline 6101
BLDG 5206
CHEM OFF SFC Beer 6101
BLDG 5206
UNIT READINESS Mrs Johnson 6101
BLDG 5206

S4
ATZQ-AB-S
S4 LTC Addy 4708
S4 NCO SFC Hurley 2919
S4 SUPPLY SSG Bowyer 4014

SECURITY OFC
ATZQ-AB-SEC BLDG 115
CHIEF Mr Hill 2200
SCTY SH Mr Parsons 2895
SCTY CLEARANCES Ms Wagner 2200

1ST BN
ATZQ-AB-PP BLDG 4504A
CDR LTC Rosser 5315
XO 3893
ADJ 1LT Biersack 2898
OP/TNG OFF 1LT Sherman 2102
CSM CSM Smith 3893
PSNCO SSG Trevathan 5180
ADMIN NCO SP5 Smith 2898
SIDPERS SP SP5 Meek 2898
OP/TNG NCO MSG Chatman 2102
SAC NCO SSG McLaughlin 5594
CMR #6 5093
CAREER COUNS SGT Potts 5993
CHAPLAIN CPT Borovec 6293
STAFF DUTY NCO 2102

11TH CO
ATZQ-AB-PP-A BLDG 4504B
CDR CPT Johnson 5313
XO 2LT Hall 2488
1SG 1SG Henderson 5313
ADMIN NCO SFC Hathaway 2488
TRAN DET NCO SFC Mathews 3904
TNG/REENL NCO SGT Simpson 5390
CO CLERK SP5 Darrington 3985
CQ 2488

12TH CO
ATZQ-AB-PP-B BLDG 4914E
CDR CPT Lofton 4013
XO 2LT Franks 4013
1SG 1SG Pursley 2985
CO CLERK SP5 Tripp 4013
TNG/REENL NCO SGT Peterman 4790
CQ 4013

13TH CO
ATZQ-AB-PP-C BLDG 4914W
CDR CPT Atchley 5906
XO 5906
1SG 1SG Daugherty 6283
CO CLERK SP4 White 6283
TNG NCO SGT Hanson 6283
REENL NCO SGT Potts 5993
CQ 5906

14TH CO
ATZQ-AB-PP-D BLDG 4504C
CDR CPT Culberson 4407
XO 5597
1SG 1SG Johnson 5597
TNG/REENL NCO SSG Jones 2896
CO CLERK SP5 Webb 4407
CQ 4407

141ST MP CO
ATZQ-AB-PP-M BLDG 4503
CDR CPT Travers 4719
1SG 1SG Howard 5617
CO CLERK SP4 Galindo 4719
TNG NCO SSG Martin 5617
PLT SGT SSG Hay 2094
CQ 2893

98TH ARMY BAND
ATZQ-AB-PP-BD BLDG 9312
BANDMASTER CW2 Murphy 4003
ENL BAND LDR SFC Suino 3187
TNG NCO SSG Faulkner 3187
CQ 3187

4TH BN (ENL STU)
ATZQ-AB-ES BLDG 6203
CDR LTC Boulware 5615
XO MAJ Clowes 5681
CSM CSM Watts 5681
PSNCO SSG Jones 5684
LEGAL CLERK Mrs McCleary 3198
PAC SUPV SFC Jackson 6806
OPERATIONS CPT Speelman 3080
CHAPLAIN CPT Wagner 5282
HOTLINE 3687

41ST CO
ATZQ-AB-ES-A BLDG 6921
CDR CPT Norwood 5610
XO 5610
1SG 1SG Dykes 5610
OPERATIONS SFC Benson 6878
SUPPLY SSG Chambers 5682
CQ 3584

42D CO
ATZQ-AB-ES-B BLDG 5910
CDR CPT Auten 4901
XO 1LT Wilkerson 4384
1SG 1SG Mobley 4384
OPERATIONS SFC Robson 5298
SUPPLY SSG Wright 4286
MESSHALL SFC Henley 3398
CQ 4901

43D CO
ATZQ-AB-ES-C BLDG 6916
CDR CPT Woolwine 6120
XO 2LT Cleveland 5292
1SG 1SG Holloway 5292
OPERATIONS SFC White 2993
SUPPLY SGT Tapia 2890
MESSHALL SFC Culliver 6489
CQ 2993

CO C (PFDR/ABN) 509TH INF
ATZQ-AB-ES-PF BLDG 4504D
CDR CPT Atwell 6505
XO 1LT Minton 6488
1SG 1SG Cruise 6488
OPERATIONS SGT Fountain 6091
SUPPLY SGT Jackson 4679
CQ 7181
MOTOR POOL 5896

260TH FA DET (105MM)
ATZQ-AB-ES-FA BLDG 4504E
CDR CPT Ogren 2019
XO 2LT Courduff 2019
CQ 2019

6TH BN
ATZQ-AB-OS BLDG 6612
CDR LTC Reilly 2815
XO 4401
ADJ 1LT Tyson 4401
CSM CSM Miller 4401
OP/TNG NCO (S3) SSG Taylor 3787
CHAPLAIN Bldg 6612 4401
CHAPLAIN MAJ Northrop 5479
CMR #2 Mr Fox 4687
PAC SUPV (S1) (BLDG 6610) SFC Foust 5206
PSNCO SSG Bays 3085
ADMIN SP SP5 Dixon 4387
SAC NCOIC (BLDG 5810) SSG Maxwell 4998
SUPPLY Mrs Myers 4020

61ST CO
ATZQ-AB-OS-A BLDG 4503
CDR CPT Fitzgerald 4006
1SG 1SG Faulk 4987
SR TAC CW4 LeRiche 4006
TAC OFF CW3 Burns 5494
TAC OFF CW3 Green 5494
TAC OFF CW3 Potter 5494
OP/TNG NCO SSG Padilla 4987

62D CO
ATZQ-AB-OS-B BLDG 5810
CDR CPT Gardner 6904
XO CW4 Popovich 4084
1SG 1SG Black 6920
TAC OFF Bldg 5801 3491
TAC OFF CW3 Sanders 6672
TAC OFF Bldg 5909 6982
OP/TNG NCO SSG Newman 6591

63D CO
ATZQ-AB-OS-C BLDG 6606
CDR CPT Bledsoe 6197
ADMIN NCO SSG Richardson 2420
OP DESK 5688
SUPPLY Mrs Myers 5794

64TH CO
ATZQ-AB-OS-D BLDG 6607
CDR CPT Hodges 5614
ADMIN NCO SFC Green 5614
OP 3311
SUPPLY Mrs Myers 5794

ALLIED MIL TNG DIV
ATZQ-AB-OS-AMT BLDG 6610
CHIEF CPT Barber 4207
ALLIED SP OFF 2LT Marks 5090
ADMIN SP SSG Kendrick 6908
ISRAELI LN OFF MAJ Bender 6681

46TH ENGR BN (CBT) (HV)
AFFR-EB BLDG 4511
CDR LTC Andrews 3120
XO 3620
CSM CSM Gladson 3120
ADJ/S1 2LT Proctor 3472
S2 2LT Bechtal 5520
S3 CPT Bailey 4590
S4 CPT Compton 4088
PBO WO1 Signer 4088
C-E OFF 1LT Hudson 6800
CHAPLAIN CPT Thomason 3919
PAC SUPV SFC Fayard 3472
PSNCO SGT Mullins 3672
CAREER COUNS SFC Wouton 3891
LEGAL SP SP5 Minus 4890
BN TNG OFF 2LT Beers 5490
MESSHALL SFC Bray 6717
TROOP MED CLINIC 2LT Massengil 2083

HQ & HQ CO
AFFR-EB-HH BLDG 4301
CDR CPT Ng 2819
1SG SFC Bonney 2389
MOTOR POOL SGT West 4589
CQ 4076

CO A
AFFR-EB-A BLDG 4505
CDR CPT Berish 3206
1SG 1SG Goddy 3206
MOTOR POOL SSG Stansell 3185
CQ 5676

CO B
AFFR-EB-B BLDG 4509
CDR CPT Burkhardt 3213
CONST OFF 2LT Westbrook 3213
1SG SFC Ramirez 6484

CO C
AFFR-EB-C BLDG 4301
CDR CPT Cottrell 4076
CONST OFF 2LT Hall 6216
1SG 1SG Reeves 6216
MOTOR POOL SSG Brewster 5687

108TH QM CO (PETRL SUP) (FWD)
AFFR-EB-QM BLDG 4506
CDR CPT Tommey 2505
1SG 1SG DeJesus 3590
SUPPLY SSG Phillips 3992
MOTOR POOL SFC Sheely 4577
CQ 5493

427TH MED CO (AMB)
AFFR-EB-AM BLDG 4505
CDR CPT Hersey 3420
1SG 1SG Tatom 3420
SUPPLY SGT White 3497
MOTOR POOL SSG Mitchell 4589
CQ 4486

416TH TRANS CO (MDM TRK PETRL)
AFFR-EB-TC BLDG 4507
CDR CPT Tucker 4307
1SG 1SG Olinger 5596
SUPPLY SFC Bell 4080
OPERATIONS SFC Woods 5695
CQ 5596

91ST ENGR DET (FT)
AFFR-EB-FF BLDG 4507
NCOIC SGT Klosterhorf 2004

123D ORD DET (EOD)
AFFR-EB-EOD BLDG 607
CDR 1LT Thompson 5004
NCOIC 5004
SUPPLY SP5 Harrison 5004
CQ 5004

TENANT ACTIVITIES

US ARMY RESERVE CENTER
BLDG 25109
COMMANDER MAJ Fitzgerald 4816
376TH TRANS CO Admin 4302
376TH TRANS CO Supply 4898
COMMANDER MAJ Lanshammer 2615
282D ASLT HEL CO Admin 2580
282D ASLT HEL CO Supply 6179
US ARMY ADVISOR MAJ Cowart 3002
USAR RECRUITER SFC Watson 4903
BLDG 25106
FLT FAC SUPV Mr Lyons 6511
DISPATCHER Mr Halley 3090
INSTRUCTOR PILOTS 2192
BLDG 25104
ACFT MAINT SUPV Mr Cameron 5305
TECH SUPPLY 6396
PROD CONTROL 2798
AVIONICS 6994

USA ACFT DEV TEST ACTV
STEBG CAIRNS AAF BLDG 30601
COMMANDER COL Crouch 2404
DEPUTY COMMANDER LTC Kreulen 2107
TECH DIRECTOR Dr Kishi 2107
EXECUTIVE OFFICER CPT Keel 2982
SAFETY OFFICER CW2 Fick 4673
SGM SGM Baker 2404
PSNCO SFC Williams 4508
CO, HQ CO CPT Oliver 4808
C, MGT DIV Mr Hall 2311
C, ADMIN SVC BR Mr Clapsaddle 4891
STAFF DUTY OFF 2403
PUBLIC INFO OFF Mr Clapsaddle 5589
SCTY/EEO OFF Mr Clapsaddle 2403
C, MGT INFO SYS Mr Griggs 5018
C, PLANS & METH LTC Benton 4203
C, PLANS & PROG CPT Benjamin 6112
C, ADV METH/INST Mr Rogers 4501
C, MAT TEST DIV COL Lang 3792
C, ACFT P I TEST LTC Arnold 4690
C, SYS TEST BR MAJ McAdams 2490
C, INST BR Mr Eagerton 5812
C, TEST SPT DIV LTC Taylor 3601
C, LOG MGT BR Mr Thomley 3015
C, FLT OPN BR Mr Mace 3712
C, PHOTO OPTIC Mr Burns 3950
C, MAINT SPT BR MAJ Wilson 3888
HR/EO OFFICER CPT Oliver 4808

US ARMY AEROMEDICAL CENTER
ATZQ-AAMC BLDG 301
CDR COL Sanders 2616
C/S LTC Naylor 2316
C, MED NCO MSG Carter 2697

AEROMED ACTIVITY
BLDG 8706
CDR COL Cole 4101
SPEC MED ASST MAJ Denniston 4101
OP OFF MAJ Covington 4101
OP NCO SFC Myers 4101
C, ED & TNG DEPT MAJ Cochran 4101
C, PHYSIO TNG SVC CPT Greer 5911
C, EVAL & REV DEPT 6614
C, PROF ED SVCS CPT Kelliher 4101
C, AVN MED DEPT LTC Hayes 2509

VET ACTIVITY
BLDG 7204
CDR CPT Taylor 4911

PVNT MED ACTV
BLDG 8726
C, PVNT MED MAJ Oatway 2285
HEALTH NURSE MAJ Oatway 2285

US LYSTER ARMY HOSPITAL
CDR COL Sanders 2616
XO/C, ADMIN SVC LTC Naylor 2316
ADJ 1LT Kuoni 2802
C, COMP DIV Mrs Johnson 5076
C, FOOD SVC DIV CPT Vice 5584
C, LOG DIV MAJ Evans 2394
CDR, MED CO 1LT Carter 3083
C, PNT ADMIN DIV CPT Chapman 2117
C, PER DIV CPT Gibson 3377
C, PO&T DIV 6496
C, PROF SVCS COL Pettyjohn 4513
C, DEPT OF CMH COL Albright 2286
C, DEPT OF MED MAJ Cook 4083
C, DEPT OF NURS LTC Sullivan 3995
C, DEPT OF PCCM CPT Collier 5806
C, DEPT OF SURG COL Buck 6298
C, EENT SVCS COL Barecca 2994
CHAPLAIN CPT Wagner 5282
PATIENT ASST OFF MAJ Choate 4784
CHAMPUS Mrs Hadley 3594

USACC AGENCY
CCNB-RUC BLDG 110
CDR LTC Johnson 2173
DEP Mr Jones 2173
XO MAJ McCready 2173
ADJUTANT CPT Trabue 2173
SGM SGM Lee 4192
PROGRAMS Miss Cotter 2173
FREQ COORD Mr Judah 4192
CSA CLK Mrs Griffin 4291
TEL ACCTS Miss Strawder 4291
C, SUPPLY Mr Grantham 6391
PSNCO SSG Rector 4192

ATC NAVAIDS MAINT DIV
CCNB-RUC-NM BLDG 117
CHIEF CPT Herring 5276
C, NAVAIDS FAC Mr Howell 5276
C, TAC GCA Mr Sharpe 6503
C, ARAC MAINT Mr Messick 5184
C, WXVISION Mr Williams 3674
C, GND NAVAIDS Mr Tindol 3183
C, AMF/ATC Mr Eagerton 5994

COMMUNICATIONS DIV
CCNB-RUC-CD BLDG 117
CHIEF Mr Williams 3076
C, INSIDE PLANT Mr Butler 6776
C, OUTSIDE PLANT Mr Laney 7177
C, TELECOM CENTER Mr Pitts 3084
TELECOM CENTER(24 hrs) Duty Off 3006

ATC OPERATIONS DIV
CCNB-RUC-NO BLDG T103
CHIEF CPT Dove 7176
NCOIC MSG Powell 7176
STAGEFIELD BR MSG Johnson 6777
BASSFIELD BR MSG Domangue 3390

H & S COMPANY
CCNB-RUC-HS CAIRNS AAF BLDG 304
CDR CPT Campbell 2171
XO 2LT Medina 2171
1SG 1SG Taylor 2171
ATC QUAL ASSUR MSG Fuentes 2076
CQ 2171

ARAC DIV
CCNB-RUC-RA BLDG 810AB
CHIEF Mr Benton 6795
C, HUB CONTROL Mr Nicholson 3878

US ARMY AGENCY FOR AVN SAFETY
IGAR BLDG 4905
CDR COL Waldron 3410
DEP CDR COL Stoutamire 3819
EXEC OFF LTC Deane 3819
DIR, ASM COL Johnson 4402
DIR, PO&E LTC Warr 6404
DIR, IR&A LTC Dooly 4812
CH, DPD Mr Myers 4200
CH, GSD Mr Dierberger 6595
CH, P&G Mr Carter 4479
LEGAL OFF MAJ McHardy 4197
FLT SURGEON LTC Berliner 6788
ADMIN NCO SGM Brown 4197

FT RUCKER FIELD OFC 3D REGION USACIDC
CIRCR BLDG 6202
CDR CPT Whitley 4495
OP Mr Johnson 6981
SECRETARY Mrs Schied 6981
DUTY AGENT 6981

MULTIA-MEDIA GROUP
AL-MMG BLDG 6201
MGR CPT Boley 2520
TNG SP (SAFETY) CPT Dekay 2520
TNG SP (AVN) CW2 Shawn 2520
GRAPHICS SP WO1 Swihart 2903
MEDIA SP SSG Hobbie 2903
ADMIN SSG Ray 2520

DARCOM LOG ASST OFC
DRXLA-T-RU BLDG 411
CHIEF LTC Stanaland 2009
SUPPLY SPECIALIST Mr Gaige 4694/3496
TARCOM FMT Mr Curtis 3406
TSARCOM FMT Mr Rice 5214/2707
SECRETARY Mrs Rudd 2009

USA TRIAL DEFENSE SERVICE FT RUCKER FIELD OFC
BLDG 406
SR DEFENSE COUNSEL CPT McElligott 5019
LEGAL CLERK 5491

US ARMY AEROMED RSCH LAB (USAARL)
SGRD-UAC BLDG 6708
CDR COL Knapp 2813
XO LTC Barden 5107
ADJ CPT Burden 5107
1SG SFC Hutcheson 5107
HUMAN USE REVIEW OFF 5107
DIR, ADMIN SVCS DIV MAJ Langhorne 6915
DIR, T&LS DIV Mr Williams 3202
ACTG DIR, B&LSE DIV Mr Haley 3001
DIR, AVN PSYCHOL Dr Kimball 3211
DIR, BIOACOUSTICS Mr Camp 4408
DIR, BIO-OPTICS MAJ Wiley 6808
LIBRARIAN Mrs Bullock 6919
PROGRAM ANALYST Mrs Kimbrough 6915
CQ 5107

FT RUCKER RESIDENT AGCY DEF INVES SVC D41RU
BLDG 6304
SRA Mr Wetzel 3579/794-4340
SA 3579

FT RUCKER RESIDENT OFC 902D MI GROUP
IAGCA-A-RU BLDG 616
SAIC Mr Everett 3509

US ARMY RESEARCH INSTITUTE FIELD UNIT
PERI-OA BLDG 501
CHIEF Mr Gainer 4404
R&D COORD MAJ White 3915
ADMIN OFF Mrs Moring 4297
SECRETARY Ms Thompson 4404
TECH TEAM MGR Dr Bynum 6980
TECH TEAM MGR Dr Eastman 6987
EXCH SCIENTIST Dr Allnutt 6980
PROGRAMER Mr Waltner 6987
PROGRAMER SP5 Stackhouse 6987
AVN COORD Mr Langhammer 3915
AVN COORD CW2 Carr 3915
NCOIC SP5 Leger 6987
175/40 EVAL TEAM 6495
CONTRACTORS:
CANYON RSCH CORP Dr Long 598-2453
SEVILLE RSCH CORP Dr Thomas 598-6111

HUMAN ENGR LAB DET
DRXHE-FR BLDG 503
CHIEF Dr Hofmann 3303
SECRETARY 2069

DET 1-14TH AIR BASE GP (ATC) USAF
BLDG 6614
CDR Lt Col King 6592
XO Major Strahl 6592
DIR, FLT TNG Capt Stinson 3089
DIR, ACAD TNG Capt Nickerson 3089
DIR, STDZN Capt Brust 3089
ADMIN MSgt Roden 3089
PERSONNEL SSgt Talley 3089
SECRETARY Mrs Collins 6592
OP NCO SSgt Shaw 6372

DEFENSE LOGISTICS AGENCY DPDO RUCKER
BLDG 1313
CHIEF Mr Jiovenale 3511
PROPERTY DISP SP Mrs Culpepper 6696
DISPOSAL SP Mrs Tharpe 6696
YARD FOREMAN Mr Bright 2283

COMMISSARY (TSA-SEFO)
DALO-TAL-RU BLDG 9213
COMMISSARY OFF Mr Carter 2212
DEP COMSY OFF Mr Coaker 3610
ORDERING OFF Mr King 5718
C, ACCOUNTANT Mrs Brunson 5002
C, CASHIER Mrs Thomas 5398
GROCERY DEPT MGR Mr Tibbitt 6977
PRODUCE DEPT MGR Mr Rogers 5977
MEAT DEPT MGR Mr Lawrence 5996
STORE RECEIVING Mr Barefield 6192
WHS RECEIVING Mr Downs 2003

SP SCTY GP FT RUCKER DET
DAMI-SG-RKR BLDG 507
SSO 1LT Uchrinscko 6412/2878
NCOIC SFC Ponder 2878

US ARMY DENTAL ACTIVITY
ATZQ-DDS BLDG 4405
CDR COL San Filippo 2809
XO 2LT Bradley 5588
C, DENTAL NCO/1SG MSG Gray 5588
DENTAL SUPPLY Mr Skerlick 2308
CLINIC #1 LTC Haynes 4190
CLINIC #2 MAJ Kastantin 4191
CLINIC #3 LTC Olive 2887
ELM SCHOOL CLINIC 3411
PRIM SCHOOL CLINIC 2114

AAFES - FORT RUCKER EXCHANGE
SE-FRU BLDG 9003
EXCHANGE MGR Mr Ryan 598-2960
PERSONNEL MGR Mr Gomez 598-2855
MAIN PX MGR Mr Roman 598-2915
FOUR SEASONS MGR Mrs Wilbert 598-2487
FOOD MGR Mr Jones 598-2828
SERVICE STA MGR Mr Taylor 598-4353
PERS SVCS SUPV Ms Bonner 598-2822
VENDING SUPV Mr Rakestraw " -2822

Major General James H. Merryman assumed command of the United States Army Aviation Center/ Fort Rucker on 11 December 1978.

Major General James C. Smith commanded the United States Army Aviation Center/Fort Rucker from 19 July 1976 to 8 December 1978.

Brigadier General James H. Patterson was assigned Deputy Commanding General, United States Army Aviation Center/Fort Rucker, on 22 August 1977.

Colonel Patrick N. Delavan was assigned as Deputy Installation Commander, United States Army Aviation Center/Fort Rucker, on 28 January 1977.

Colonel William R. Ponder was assigned Chief of Staff, United States Army Aviation Center/ Fort Rucker, on 26 April 1976.

Command Sergeant Major Robert L. Roots assumed duties as Command Sergeant Major, US Army Aviation Center/Fort Rucker, on 17 June 1975.

DIRECTORATE OF TRAINING

MISSION:

Serves as Command Aviation Officer and principal advisor to the Commander and Deputy Commander on the conduct and administration of resident instruction for which USAAVNC is proponent. Provides worldwide software for aviation simulators. Directs the effort of USAAVNC resident training departments. Supports DTD and DCD with subject matter expertise. Serves as program manager. Provides staff supervision of Detachment 9, 5th Weather Squadron (USAF); Aviation Training Library; and operation of training/maneuver areas, ground/aerial ranges, flight records, instrument and aviator qualification management, airspace coordination and management, and flight training facilities.

ORGANIZATION:

The Directorate of Training (DT) underwent a major reorganization which was effective 4 January 1978. The reorganization combined the Departments of Undergraduate and Graduate Flight Training and dissolved the Resident Training Management Department. Presently the DT is composed of the following:

Training Management Division
Training Support Division
Programs/Budget Division
Aviation Training Library
Department of Academic Training
Department of Flight Training

PERSONNEL:

COL Kenneth J. Burton served as the Director of Training throughout 1978.

COL George W. McIlwain was the Assistant DT from 1 January 1978 to 13 February 1978. He was replaced by MAJ Richard G. Gogolkiewicz, who served until 28 August 1978, when he was replaced by LTC Luther L. French, who is presently serving in the position.

Other key personnel who served during the year were:

Key Personnel	Position	Arrival/Departure Dates
MAJ R. C. Gogolkiewicz	C, TMD	1 Aug 77 - 13 Feb 78
MAJ F. W. Chiverton	C, TMD	20 Apr 78 - Present
MAJ D. H. Pollock	C, TSD	9 Apr 77 - 15 May 78
MAJ D. W. Wallace	C, TSD	15 May 78 - Present
SGM L. M. Rogers	DT SGM	23 Feb 76 - Present
N. S. Dodson	C, PBD	Aug 56 - Present
M. L. Durkin	C, Avn Tng Lib	Jul 59 - Present

The office of the Director of Training and the Aviation Training Library authorized strength at the end of 1978 was as follows: Officers, 21; Warrant Officers, 7; Enlisted, 94; Civilians, 59; Total, 181.

TRAINING MANAGEMENT DIVISION

MISSION:

Coordinates with DTD on implementation of resident POIs and plans for implementing changes and future courses. Serves as proponent for USAAVNC Supplement 1 to ARs 95-1, 115-2, 350-5, 350-19, and USAAVNC Pamphlet 95-15. Assumes staff responsibility for DT portion of USAAVNC Regulation 10-1.

ORGANIZATION:

The Training Management Division (TMD) is composed of four branches:

Plans Branch
Airfield/Airspace Branch
Cairns Army Airfield Branch
Aviation Management Information Systems Branch (AVMIS)

PERSONNEL:

MAJ Richard C. Gogolkiewicz was Chief, Training Management Division, from 1 January to 13 February 1978.

MAJ Donald P. Frederick was Chief, Training Management Division, from 13 February to 17 April 1978.

MAJ Frederick W. Chiverton was Chief, Training Management Division, from 17 April 1978 to the present.

PLANS BRANCH

MISSION:

Plans, coordinates, and monitors Reserve Component aviation training, foreign military training programs, and United States Military Academy summer flight training programs. Develops plans, prepares studies, and recommends policies to support resident training, to include implementation of USAAVNC contingency plans. Formulates the Long Range Aviation Training Support Plan (LORATS). Prepares training staff actions for the Command Group. Coordinates subject matter expertise provided to DTD and DCD. Maintains liaison with Director of Evaluation and Standardization. Reviews training literature, instructional material, and other documents and studies. Provides aviation training data to TRADOC and FORSCOM as requested. Maintains files of the current programs of instruction. Processes requests for special actions from instructional departments. Performs liaison with instructional departments on matters pertaining to new equipment, training, and proposed resident programs of instruction. Coordinates with civilian contractors on studies of resident Army aviation training and integration of proposed training devices and equipment into resident training programs. Prepares environmental impact statements for resident POIs.

ACCOMPLISHMENTS:

175/40 Initial Entry Rotary Wing Dual Track Program: Monitored the 175/40 IERW Course during its implementation and coordinated changes to the program of instruction when necessary. Participated in the ongoing evaluation of the 175/40 Course.

EURO/NATO Helicopter Training Program Symposium: The third symposium was held in Copenhangen, Denmark, during the period 31 May - 2 June 1978. The USAAVNC delegation was composed of MG Smith, the Director of Training, and representatives from the Directorate of Evaluation/Standardization and Directorate of Training Developments. Items of discussion included rotation policy for EURO/NATO IPs assigned to Fort Rucker, revision of the POI, annual instrument requirements for NATO IPs at Fort Rucker, student input and flows for FY 79, and a presentation on MITAC II.

The fourth symposium was held at USAAVNC, Fort Rucker, during the period 13-17 November 1978. This office was responsible for coordination of arrival and departure of attendees along with their billeting and mess arrangements. Coordination of the itinerary, to include briefings, tours, and demonstrations, was also accomplished. Items of discussion included negotiation of a new training agreement, revision of the POI, IP rotation policy, FY 79 and FY 80 class flows and student input, and IP utilization policies.

Night Vision Goggle Training Program: Implementation of the day filters for night vision goggle (NVG) training was completed. The filters are used in the Combat Skills Phase of IERW to allow NVG training to be conducted during the daytime hours. Coordination is ongoing to train NVG instructor pilots for FORSCOM units and Korea. Special arrangements are being made to conduct this training so FORSCOM and Korea can begin NVG training programs. This is being done because the DA NVG IP Course will not be funded until FY 80.

UH-60 Black Hawk Training Program: Coordination is ongoing for the implementation of both UH-60 qualification and instructor pilot courses to be taught at USAAVNC beginning in April 1979. Items resolved are class flows, class sizes, the number of IPs needed and their training requirements, and location of the aircraft. Final coordination of the program of instruction will begin soon.

Instructor Personnel Shortage at USAAVNC: Identified the current and future shortages of instructor pilots at USAAVNC based on class flows and loss and gains of personnel. As a result of this study, it was determined that USAAVNC would have to severely curtail resident instruction at USAAVNC unless large numbers of personnel were assigned as instructor pilots. A meeting of representatives from DA, TRADOC, and USAAVNC was scheduled for 6-7 December 1978 to discuss this situation.

Consolidation of Navy and Marine Undergraduate Helicopter Training at USAAVNC and Increased Army Training: Participated in the studies that determined facilities and personnel requirements for both Navy and Marine training and increased Army training. This involved identifying stagefield, classroom, aircraft, personnel, billeting, and construction requirements.

US Army Reserve and National Guard Training at USAAVNC: Coordinated the day-to-day activities for the two week annual training of four aviation units. In addition, served as point of contact for training support requirements for 13 other units. Year-round training support requirements for seven units are also coordinated.

United States Military Academy Summer Flight Training Program: This program was conducted for 38 cadets during the period 10 July - 4 August 1978. All cadets successfully completed the program by soloing the TH-55 helicopter. Flight training was conducted by Hanchey Division, Department of Flight Training. In addition to the flight training, a tactical training exercise and social, along with tours and demonstrations, were held for the cadets. Coordination is ongoing for next summer's program.

AIRFIELD/AIRSPACE BRANCH

MISSION:

Advises the Director of Training on aviation matters and provides staff planning for aircraft landing areas, aircraft navigation and communication facilities, air traffic control matters, and related stagefield operations.

ORGANIZATION:

The Airfield/Airspace Branch, formerly Airfield Operations Division, was established on 4 January 1978 as a result of the reorganization of the Directorate of Training. Operational control is under the Chief of Training Management Division.

ACCOMPLISHMENTS:

To provide more realism in aviation training, the Chief of Airfield/Airspace Branch was tasked to upgrade the USAAVNC instrument training airways. This was accomplished by relocating existing facilities within the USAAVNC training areas.

Significant airspace adjustments have also been made to accommodate the new 175/40 Flight Training Program and the reorganization of the Instrument Training Airway System.

Airfield/Airspace Branch is now participating in the evaluation of all existing stagefields and air facilities in an effort to accommodate the expansion of flight training classes scheduled to begin in January 1979.

CAIRNS ARMY AIRFIELD BRANCH

ORGANIZATION:

In January 1978 Cairns Operations, Airfield Operations Division, Department of Resident Training Management (DRTM), became Cairns Army Airfield Branch under the Training Management Division, DT. The reorganization was enlarged with the addition of the Instrument Aviator Qualification Section and the Flight Records Section to the Flight Dispatch Section and Airfield Service Section.

ACCOMPLISHMENTS:

During January the resurfacing and painting of runway 6/24 was completed in its entirety.

Aircraft parking at Cairns AAF remained relatively unchanged with the fixed wing fleet at 32 aircraft and the helicopter fleet reduced from 125 to 117, for a total of 149. Aircraft are assigned to the respective agencies as follows: School, 97; USAADTA, 30; USAAAVS, 3; USAARL, 14; and Flying Club, 5.

The Instrument Aviator Qualification Section was given the responsibility of administering the USAAVNC Aviator Training Manual (ATM) Program. This program required the establishment of training folders and the monitoring of flight proficiency for every aviator assigned to an operational flying position at Fort Rucker.

The tower traffic count at the end of 1978 was 298,800.

AVIATION MANAGEMENT INFORMATION SYSTEMS BRANCH

MISSION:

The Aviation Management Information System (AVMIS) Branch serves as the interface agency between the Management Information Systems Office (MISO) and all training departments at USAAVNC.

ACCOMPLISHMENTS:

Automated Flight Records: Provided considerable technical assistance in establishing the automated flight records system.

Automated Class Flows: Developed computer programs for immediate return of class flow data.

Student Management: Improved the student management procedures though the establishment of more direct lines of communications and weekly meetings with student management officers.

TRAINING SUPPORT DIVISION

MISSION:

Supervises the overall coordination of training activities for the directorate. Determines the requirements for scheduling and monitoring the utilization of training resources such as classrooms, ranges, equipment, ammunition, aircraft, transportation, and troop support required in support of programs of instruction (POIs). Prepares and distributes training/training support schedules for each POI. Develops and maintains master schedules and related control documents for each resident course. Compiles statistical data pertaining to programed and actual student input and in-training load. Schedules class start and close dates for each resident course to include adjustments as required by POI revisions, student shortfall or overfill, and self-paced training. Processes unprogramed training requirements in coordination with other activities of the directorate, to include the use of the MTT and NETT for Reserve Component or Active Army support. Processes requirements for resident training or student support involving external agencies/activities, such as guest instructors/speakers, and off-site training facilities. Develops training capacity data. Identifies requirements for, collects, analyzes, and acts on feedback data in assigned area of responsibility.

ORGANIZATION:

The Training Support Division (TSD) is composed of three branches:

Scheduling Branch
Aircraft Management Branch
Range Branch

PERSONNEL:

MAJ David H. Pollock served as Chief, TSD, 9 April 1977 - 27 April 1978.

MAJ Don W. Wallace served as Chief, TSD, 15 May 1978 - Present.

ACCOMPLISHMENTS:

Scheduling Branch and Training Support Division accomplishments are combined.

SCHEDULING BRANCH

MISSION:

Directs and coordinates the preparation and distribution of training schedules for each resident class at USAAVNC; coordinates and schedules training facilities, transportation, and troop and equipment support; and coordinates the Director of Training's portion of itineraries for VIP visitors to Fort Rucker.

ORGANIZATION:

Scheduling Branch (SB) functions as a branch of the Training Support Division with one officer, three enlisted personnel, and six civilians.

PERSONNEL:

Key Personnel	Position	Arrival/Departure Dates
CPT Walter Morton	C, SB	4 Jan 77 - 15 Jul 78
CPT James M. Lee	C, SB	2 Sep 78 - Present

ACCOMPLISHMENTS:

Revised the IERW Instrument flows.

Revised USAAVNC Regulations 350-3 and 350-27.

Established hot refuel at Goldberg and Skelly Stagefields and at Andalusia airfield.

Procured diffusers, red lens, and bracket for night vision goggle use.

Procured suggestion boxes for all academic classrooms.

Procured UH-1 internal loads for combat skills training.

Conducted and supervised tactical training exercise for USARRL.

Supported over 240 reserve units on Fort Rucker complex.

Coordinated the use of over 450,000 gallons of fuel from Jaxon Fuel and 108th QM per week.

Distributed approximately 22,000 training schedules to over 36 inresident courses and supporting activities per week.

Scheduled transportation, classroom, stagefields and stagefield support.

Coordinated actions on approximately 13 major changes to the program of instruction (POI) per month.

Supported the training of approximately 10,000 students during the year.

AIRCRAFT MANAGEMENT BRANCH

MISSION:

Manages USAAVNC aircraft fleet employment of over 350 aircraft. Maintains an operations center which provides response to all aspects of flight training and aircraft control for the Director of Training and the Command Group. Implements command-established policies and procedures affecting aircraft requirements. Prepares input for aircraft utilization and student flight hour reports, and analyzes output for proper utilization of aviation assets.

ORGANIZATION:

Aircraft Management Branch (AMB) functions as a branch under Training Support Division with one officer, six enlisted personnel, and one civilian.

PERSONNEL:

Key Personnel	Position	Arrival/Departure Dates
CPT Paul A. Mellen	C, AMB	1 Jan 78 - 30 Sep 78
SFC Richard L. Hess	NCOIC, AMB	1 Jan 78 - Present

ACCOMPLISHMENTS:

Scheduled in excess of 105,000 training flights during FY 78, which accumulated over 232,000 flight hours. Central point of coordination for USAAVNC test and procurement of over 50 pink filters and diffusers presently being used in NVG training.

Effected a smooth, orderly movement for the reassignment of TH-1G, AH-1S, and OH-58 aircraft from Lowe basefield to Hanchey basefield.

Put into effect better methods of control of administrative flights IAW AR 95-1 and DOD directives.

Completed a major revision of USAAVNC Circular 95-59.

Acted as USAAVNC Operations Center for search and rescue operations as directed by Search and Rescue Center, Scott AFB, IL, when a USN A-7 crashed in Lake Eufaula.

Provided quality control function for DA 2408-12 forms.

RANGE BRANCH

MISSION:

Maintains and coordinates the use of the Fort Rucker Range Complex consisting of 15 gunnery ranges and 42 training areas. Provides manning for rearming of all student training aerial gunnery aircraft, artificial lighting aircraft for night vision goggles training, and trained personnel to operate the towed target for the GAZCP system. Provides administrative support to all active Army units, Reserve Components, and National Guard forces for issue of munitions.

ORGANIZATION:

Range Branch (RB) functions as a branch under the Training Support Division and is staffed by four officers and 55 enlisted members.

PERSONNEL:

Key Personnel	Position	Arrival/Departure Dates
CPT Larry A. Rowold	C, RB	4 Jan 78 - 18 Aug 78
CPT Stephen D. Harper	C, RB	19 Aug 78 - Present
SFC Billy J. Cogburn	NCOIC, RB	4 Jan 78 - 30 Apr 78
SFC (P) L. M. Clark	NCOIC, RB	1 May 78 - 31 Oct 78

ACCOMPLISHMENTS:

The range was used 238 days during January - October. During the same period 1,015 AH-1 aircraft were armed by Range Branch personnel with an expenditure of 22,912 2.75 rockets, 2,698,500 rounds of 7.62 ammo, 168,150 rounds of 40mm, and 148,300 rounds of 20mm ammo.

In April a Target Identification Range was established for the OH-58 and AH-1 courses. The range has nine silhouette and three three-dimensional Warsaw Pact targets.

In July a tactical training exercise was conducted at Matteson Range for USMA cadets, the WOAC/WOSC, and personnel from surrounding communities.

Also in July a Forward Area Rearming and Refueling Point (FARRP) was opened at the old hand grenade range with facilities for refueling three aircraft and rearming two aircraft. All students in OH-58 and AH-1 courses use the FARRP during the course of their instruction.

In October Phase One of the study of the feasibility of an instrumented range was completed by BDM Corporation. The conclusions of the study were accepted, and approval was given to proceed with Phase Two of the project. If all goes as planned, the Engagement Simulation Range will be operational in December 1979 and the instrumentation will be complete in December 1981.

PROGRAMS/BUDGET DIVISION

MISSION:

The Programs Branch determines, coordinates, and disseminates to all agencies, local and higher headquarters, detailed schedules, aircraft requirements, student loads, and flight hour programs to support directed Aviation Center training missions. The Budget Branch determines, controls, monitors, and advises on all DT budget and TRAMIS/CACMIS matters.

ORGANIZATION:

On 4 January 1978, Programs Branch, DRTM, DT, became Programs/Budget Division, DT. The addition of the Budget Branch added four authorized positions, and with the Programs Branch, the newly organized division has a total of nine authorized positions.

PERSONNEL:

Mr. Neil S. Dodson served as Chief throughout the year.

ACCOMPLISHMENTS:

As a result of the July 1978 TRM, DT requested DTD develop a POI for EURO/NATO IERW to include an eight-week combat skills portion for Norwegian students over and above the regular 26 weeks, two days for all EURO/NATO IERW students. DTD developed the POI and sent it to TRADOC for approval.

The Officer/Warrant Officer Air Traffic Control Course (2G-F35) was programed to start 15 March 1978. This course is six weeks and four days in length. Three classes were programed for 1978 with an input of 10 per class.

The DA Form 2408-12 was automated to reduce the paper load of the instructor pilot and to provide up-to-date data for the IP and his chain of command. Flight hours and course flows are now developed through use of the computer. More detail will be achieved in this field in the future, thus reducing the burden on program analysts in Programs Branch for better analytic determinations of the achieved results of implemented programs.

Programing of report/close dates and student input to classes was developed in 1978 for implementation in FY 79 of the newly abbreviated Aviation Warrant Officer Advanced Course from 21 weeks, three and one-half days, to 15 weeks, three and one-half days.

AVIATION TRAINING LIBRARY

MISSION:

Provides military and technical aviation information and reference service to the staff, faculty, and students of the Aviation Center for the development of USAAVNC instruction and the educational and professional development of Army aviation personnel. Serves as a repository for publications related to the history of Army aviation and the evolution of American military aviation. Assists Class II activities without research library facilities or collections sufficient in depth for thorough research. Provides supplementary assistance to the graduate programs of the University of Southern California, Troy State University, and other programs of Embry Riddle Aeronautical University.

PERSONNEL:

Ms. Lucile Durkin continued to serve as Chief Librarian throughout the year.

ACCOMPLISHMENTS:

The library prepared for publication the US Army Aviation Center and Fort Rucker Historical Supplement for 1977.

There has been an estimated 80 percent increase in the use of DDC (Defense Documentation Center) data bank technical literature from various organizations on post, principally DCD and the Warrant Officer Career College.

The library gave substantial assistance to the Army Safety Center (formerly USAAAVS) in providing library service through ordering and cataloging the special requests from Safety Center personnel for technical literature. The library has provided increased support to DOAT/CTD by furnishing special requests. The Aircraft Development Test Activity and ARI have also been given special assistance.

The library completed microfilming of the US Army Aviation Center training publications, providing the only comprehensive reference file of all published aviation training literature.

DEPARTMENT OF ACADEMIC TRAINING

MISSION:

Conducts academic training (less medical) for the Army Aviation Center to support flight, maintenance, flight operations, air traffic controller, noncommissioned officer education system, and warrant officer professional development programs of instruction. Operates synthetic flight training systems and conducts procedural training. Provides synthetic flight training systems' (SFTS) software training support for all SFTS devices worldwide. Provides core, supplemental, and remedial instruction through operation of a learning center. Provides administrative and logistical support of assigned elements.

Operations Division plans, coordinates, and schedules academic instruction conducted by DOAT; coordinates mobile training teams and instructional support; assists in curriculum development. Provides classroom support for all standard existing equipment in the multi-media classrooms used by the department and other organizations for instructional purposes during duty hours. Conducts liaison with the Directorates of Training Development, Evaluation/Standardization, and Combat Developments regarding development of training programs and policies. Prepares statistical data and staff studies, and attends conferences relative to mission support. Exercises direct supervision of subordinate elements of the division.

Extension Training Management Branch procures, stores, and issues training materials to active Army units, USAR schools, USAR, ROTC, and ARNG units.

Air Traffic Control Division conducts advanced individual training (AIT) and NCOES training for MOSs 71P, 93H, and 93J.

Career Training Division provides an advanced and senior educational program to further the professional development of selected warrant officers, and conducts common subjects instruction for the advanced NCOES courses for enlisted aviation personnel. Conducts academic instruction in support of aviation qualification, aviator refresher training, and graduate programs of instruction.

Maintenance Training Division conducts advanced individual training for MOSs 67N and 67V and provides maintenance training for aviator qualification and graduate programs of instruction.

Flight Simulator Division operates the UH-1 flight simulators (FS) in support of students and the surrounding area; conducts cockpit procedural training for initial entry rotary wing students, UH-1FS instructor pilot training for initial entry rotary wing students, UH-1FS instructor pilot training, and UH-1FS operator courses. Provides SFTS software training support to all SFTS devices located worldwide. Provides CH-47FS training.

USAF Operating Location AK, 4525th Combat Applications Squadron, Tactical Air Command, conducts resident instruction for the USAAVNC on USAF subjects and the USAF aspects of joint aviation operations; serves as USAF advisor to the USAAVNC; and performs liaison tasks between appropriate elements of the USAF and the USAAVNC.

ORGANIZATION:

The Department of Academic Training is composed of Headquarters, Administrative Branch, Supply Branch, Extension Training Management Branch, Operations Division, Learning Center, and four training divisions:

Air Traffic Control Division
Career Training Division
Flight Simulator Division
Maintenance Training Division

The United States Air Force Operating Location AK, 4525th Combat Applications Squadron, Tactical Air Command, is attached to the Department of Academic Training for administrative control.

PERSONNEL:

COL Howard E. Brown, assigned as department director in October 1973, continued in that capacity throughout 1978. The position of Deputy Director is now referred to as Executive Officer.

Key personnel who served during the year were:

Key Personnel	Position	Arrival/Departure Dates
MAJ D. N. Calhoun	XO	Jan 78 - Present
LTC J. V. Owens	C, Op Div	24 Aug 77 - Present
MAJ M. F. Boyd	C, MTD	Aug 78 - Present
LTC E. E. Curbow	C, FSI	15 Mar 76 - Present
LTC R. S. Jones	C, CTD	11 Jul 77 - Present
LTC B. J. Sanders	C, ATC	8 Jul 74 - Present

ACCOMPLISHMENTS:

The department provided academic training in support of 58 programs of instruction (POIs) during the year and provided support to 17 Reserve/National Guard units during the year.

AIR TRAFFIC CONTROL DIVISION

MISSION:

Conducts advanced individual training (AIT) and NCOES advanced training for MOSs 71P, 93H, and 93J. In addition, training is provided to officers/warrant officers on air traffic control subjects, EURO/NATO voice procedures for pilots, and airspace management for the Commanders' Readiness Course.

PERSONNEL:

Key personnel changes during the year were:

Key Personnel	Position	Arrival/Departure Dates
MSG Harry L. Daniels	SGM, ATC Div	Apr 77 - 30 Sep 78 (Retired)
MSG Harold G. Cook	SGM, ATC Div	Sep 78 - Present

ACCOMPLISHMENTS:

During 1978 all branches of the Air Traffic Control Division received and updated all lesson materials as necessary to insure maximum effectiveness and student comprehension under the self-paced concept. Additionally, each developed lesson for the tactical ATC training program used interface with the tactical aviation training received by Initial Entry Rotary Wing student pilots. The ATC Officer/Warrant Officer Course was reinstituted in March 1978 for the first time since it was discontinued in FY 75.

Common Subjects Branch has undergone many changes. Of primary importance was the complete reaccomplishment of the entire training package for the entry level student. All new training material was also introduced in the Learning Center for students assigned training after normal training hours. The Common Subjects area was beautified with complete grass coverage, break area enclosure, and benches for student relaxation.

Nonradar reaccomplished all training problems. A testing team was formulated to standardize all student examinations as well as quality control in the training program. Interior appearance of each lab was improved by painting, making each more desirable as a training lab.

Through coordination with the Educational Television Branch (ETV), the Common Subjects Branch developed a script and produced a comprehensive orientation film about ATC. Each entry level student views this film during an entry briefing.

The Advanced Branch has continued its work on the improved communications for 15G16 radar simulator and acquisition of improved control tower training simulator. A feasibility study was implemented to look at exporting computerized radar data to Army ATC facilities to supplement facility currency requirements.

Blocks of instruction were developed for EURO/NATO initial entry students covering voice communications, Aviation Commanders' Readiness Course covering ATC concepts, and Army flight surgeons covering an orientation about ATC. All of these are taught in the Advanced Branch.

The Deployment Branch made all coordination to implement tactical ATC training at a tactical landing zone while controlling live traffic. This final phase of training, during the student's last week in school, is conducted at LZ Wolfpit. Tower, radar, and FCC equipment is provided and manned by instructors of the Deployment Branch to train MOS 93H, 93J, and 71P students.

The Flight Operations Section (MOS 71) developed that portion of the tactical training at LZ Wolfpit peculiar to 71P students. This training interfaces with initial entry rotary wing pilot training in that actual mission changes are effected between FCC and aircraft.

National Guard units from Illinois, Indiana, Minnesota, Mississippi, New York, Pennsylvania, Texas, and Vermont were supported by the Air Traffic Control Division during 1978.

Throughout the year several instructors competed for Soldier/NCO of the Month and, for the first time in the history of the ATC Division, one soldier received recognition as Fort Rucker Soldier of the Year. Although competition was for 1977 Soldier of the Year, it was held in early 1978.

FY 78 was a very productive year both in student training and overall area improvement, contributing to improved comfort for students and instructors alike.

CAREER TRAINING DIVISION

MISSION:

Presents over 44,000 annual academic hours of instruction supporting 31 different POIs. Major courses served by the division include the Aviation Warrant Officer Advanced and Senior Courses, the Aviation Commanders' Readiness Course, WOC Military Development Course, Advanced NCOES, and IERW as well as IP, examiner and transition courses.

PERSONNEL:

MAJ Brian Rinehart replaced MAJ Robert Shryock as Chief, Combat Skills Branch.

ACCOMPLISHMENTS:

During 1978, the Combined Arms Branch, CTD/DOAT, operated without any major problems. Despite the fact that the branch has had a loss of 40 percent of its authorized qualified

instructor personnel, with the resultant last minute shifts of primary instructor duties, the level of instruction throughout the branch has risen to an even higher quality as reflected by student critique sheets. An entirely revitalized block of Nuclear, Biological and Chemical (NBC) instruction has been researched, written, presented, and validated for all classes at the Aviation Center. During the same time, the NBC Section, under the direction of CPT Edward Shufflebarger, prepared and presented a dynamic block of instruction to all 13th Company, 1st Battalion, 1st Aviation Brigade personnel, including classroom presentation, written exam, and practical exercise at the post gas chamber. In the areas of Threat, Target Identification, and Electronic Warfare, the Combined Arms Branch has converted an ordinary classroom into a compelling training atmosphere, where learning occurs almost through osmosis. This has been accomplished through the use of new and innovative training aids, extensive class research, and dedicated professional presentations done with a zeal unmatched at Fort Rucker. The training aids are a product of instruction ingenuity, design, and the efforts of the entire TASO team. These aids include two electronic target attack games, vehicle recognition boxes, portable terrain (Rasnick) boxes, framed photographs of friendly and enemy equipment, and a 4' x 16' black light mural depicting the "First Battle" of the last war. Further numerous accomplishments include the design and building of six display cases covering NBC, Target Identification, SERE, and Threat. The Combined Arms Branch has continued to present quality up-to-date information to the students. A vigorous program of instructor cross-training will continue the goal of presenting only quality instruction to all classes.

The Combat Skills Branch made significant improvements in its operations during 1978. The tactics lab was relocated during December 1977 - January 1978 from temporary Building 6010 to a modern multi-media classroom complex in Building 6022. In this process, artillery training was separated from the main tactics laboratory and relocated to the specially designed artillery rooms in Building 5206. There was also the creation of a new concept in tactics training, the battle simulation center. The battle simulation center is now located in Building 6031 and incorporates the Dunn-Kempf game into IERW and AWOAC programs of instruction. Numerous modifications are planned for the remainder of 1978, which include the construction of room dividers and the addition of an intercommunications system for each terrain table. The branch provided a full-time instructor to the AVNEC Conference (CPT Head) for six months and assisted in the conference by providing briefings on MITAC, battle simulation, and night vision goggles. The branch conducted numerous briefings to foreign and US officials including the TRADOC Commander, GEN Starry. In addition to the numerous briefings, special projects such as displays in Dothan, AL, and Savannah, GA, were conducted. Ongoing efforts in MITAC resulted in the implementation of the Beseler Que-See training program for MITAC II into all graduate programs of instruction and the locating of this system in the Aviation Learning Center. Aircraft survivability equipment has been emphasized during the year and required instructors to develop and present instruction on the APR-39 to participants of OTDT-2 during the August - September time frame.

The Aviation Subjects Branch continues to be responsible for the academic training of personnel attending the Initial Entry Rotary Wing (IERW) Course, all instructor pilot (IP) courses, and fixed wing courses. Additional tasks performed by personnel of this branch were: review of FM 1-51, Aerodynamics; update/rewrite of change 1, chapter 22, FM 1-5, Tactical Instruments (TACNAV); test and implementation of TACNAV changes in the UH-1 SFTS; planning/preparation of lesson plans and instruction of Doppler Navigation for AH-1S pilots and Aviation Safety Board personnel; organization/preparation for instruction of the Command Instrument System for the UH-60A (UTTAS) helicopter; subject matter experts (SME) for the Director of Training Development (DTD) on the T-42 and U-21 aircraft in the areas of instructing fundamentals, general aviation subjects, instruments, and aerodynamics; SIP/IP Refresher Training Course planning, preparation, and instruction for Reserve Component units in support of Director of Evaluation and Standardization (DES); review/update of aviation subcourses for Director of Training Developments; coordination/standardization meetings with flight line instrument qualification personnel in IERW; additional training instruction for flight line IPs in Tactical Instruments (TACNAV) for IPs from Cairns, Lowe, and Hanchey Airfields and the Aviation Safety Board personnel; and special instruction provided for allied students on TACNAV.

All instructional requirements of the Management/Leadership Branch were accomplished in a routine manner during 1978. Personnel changes and turbulence were minimal. In addition to the normal instruction, instructors from the branch conducted classes in Transactional Analysis for various organizations and groups on post and in the surrounding community and presented classes for the WOCMD wives in personal financial management. The supply subject matter expert also presented classes on changes in supply procedures and the unit status report to Fort Rucker units. The Principles of Effective Writing Course was revised in three major respects: students must revise errors which the instructor identifies by symbol; students submit sentence outlines with research papers and articles for publication; and students write sixteen practical exercises and critique them in a Writer's Workshop. Evaluation and student critiques of this program indicate that it is a significant improvement over the previous program of instruction in Effective Writing. To improve efficiency and take advantage of the wide range of experience available, the branch reorganized its office space and consolidated all personnel in a single suite of offices in Building 5302.

MAINTENANCE TRAINING DIVISION

ACCOMPLISHMENTS:

The General Subjects Branch began the new calendar year with a 26% overload in the 67N/V10 AIT Courses. Above programed inputs continued throughout March 1978. Student inputs graduated downward to 80% of programed by 31 July 1978. During this period (April through July 1978), 180 Reserve Component personnel were trained. These reserve component personnel were above the programed training load. During the August through October period, student inputs graduated upward to 38% above programed inputs. A ten-hour duty day was initiated to train the additional students. Graduated 2,240 students.

Observation Branch. The Observation Branch met requirements for use of the hangar (bldg 6005) for the 49er Party. Supported 49er Party in setting up and tearing down of equipment. Developed and implemented OH-58C helicopter maintenance training and implemented a new 67V10 program of instruction. Supported OH-58C and Vibrex New Equipment Training Teams—4, OH-58C NETT; 1 Vibrex NETT. Graduated 743 students.

Utility Attack Branch. AH-1 - the Aviator Training Section developed a POI and wrote an exportable training package for the Modernized Cobra (Production) that included instruction of the new universal turret system and wing store mangement. There was a major rewrite of the Aviator Refresher Course that streamlined and simplified a self-paced course of instruction to aviators that have been away from flying an inordinate amount of time. The Instrument IP Course (7J) was rewritten from platform-conference instruction to self-paced instruction. The TDA now approves two new MOSs to the branch. They are the 68M and 68J. These MOSs are critical to the weaponry instruction given to those students attending AH-1 gun courses. The UH-1 course is under constant revision. However, a major accomplishment was a POI change and the development of a new lesson plan for weight and balance. Training aids and devices are constantly being upgraded and refurbished. Of particular import was the modernization of a TRACO systems trainer that is used extensively in the instruction of all UH-1 pilots. Implemented phase maintenance instruction in the 67N Utility Helicopter Repair Course (UH-1). Implemented new log book exercise.

Major reorganization of six phases with respect to a new plant/facility layout. Implemented training flights through direct coordination with DOFT. (67N students now fly with IERW students.) Developed standards for the 67N student based on preventative maintenance daily inspection. Trained 196 National Guard and Reservists. Assumed support of the Aviation Commanders Readiness Course; conducted 12 times. Participated in an Army-wide TM conference at Bell Helicopter.

Projections and goals. Develop a Production S exclusive annex IAW a TRADOC approved POI. Finalize and implement an aviation subjects consolidation plan. Assume total responsibility for the maintenance annex of the Aviation Commanders' Readiness Course. Resolve the UH-1 IERW preflight problem. Commence Black Hawk training for pilots and IP's on 11 Apr 79. (This implementation includes all training devices, lessons plans, handouts, etc.) Upgrade all training devices currently used in the 67N Course to UH-1H. Validate a TDA requirement for a Student Control Activity. Implement CBR training in the 67N/V Course.

FLIGHT SIMULATOR DIVISION

In 1978 the Flight Simulator Division (FSI) experienced a period of increased activity and responsibility. FSI personnel (flight instructors and programers) were prepared, through various courses, for Army receipt of the CH-47FS, AH-1FS, AH-60FS, and AH-64FWS. In conjunction with this acceptance, FSI personnel reviewed design specifications and POIs, updated ETV tapes, handbooks (to include malfunctions), and software packages of all current and proposed Army flight simulators. FSI also provided teams for new material, introductory briefings, equipment training, and standardization or evaluation assistance to 12 sites and software standardize programing to 17 sites worldwide.

The division, through active support or actual participation, was involved in all stages of instrument flight traning, from 2C35 self-pace to simulator support of AWOAC and various National Guard units, along with fixed wing transition and currency of fixed wing aviators. FSI was able to accomplish this through constant upgrading of the fidelity and compatibility of both the simulators to rotary wing and fixed wing aircraft and of the gaming areas and training tapes to real world environment.

In conjunction with this, FSI gave operational support and assistance to ARI in the installation of McDonald Douglas' automated pilot aptitude measurement system for RW aviators and in the development of objective performance computerized grading system for the UH-1FS. The Flight Simulator Division provided support for the USAAVNC Quadripartite Conference and hosted the second annual Armywide Simulator Conference.

Over 7,000 individuals were provided with a formal, or informal, informative briefing of the flight simulator facility. The tours, increased for the fourth straight year, consisted of a walk-through with coordinated slide console briefing for WOC wives, mothers, and fathers, to detailed briefing and flights of all active simulators for US and Allied officers and government officials.

SUPPLY BRANCH

During the period of 1 January 1978 to 31 March 1978, a 100 percent inventory of DOAT property was performed. This inventory resulted in National Stock Number adjustments for approximately 40 line items of equipment. On 1 October 1978, CW3 Homer D. Johns was appointed Chief, Supply Branch, replacing CW2 Earl Madden.

EXTENSION TRAINING MANAGEMENT BRANCH

During 1978 the Extension Training Management Branch received a monthly average of 500 requests for instructional material from units located worldwide. This equated to an average of 180,000 material units processed monthly. The TRADOC approval of the consolidation of ETMB and transfer to DOAT was received in the first quarter of FY 78. This consolidation, along with the material monitoring system estabished by the branch, resulted in a cost savings of approximately $35,000 annually.

USAAVNC AVIATION LEARNING CENTER

The USAAVNC Aviation Learning Center (ALC) was utilized by 46,337 students during the first 10 months of 1978. This included 12,656 students receiving a 20-hour block of common subjects in preparation for Advanced Individual Training in the 67N/V, 71P, and 93H/J MOSs. More than 144,495 hours of instruction were presented in support of POIs during this time. New acquisitions consisted of four Beseler Que-See machines utilized with the new MITAC II program for NOE training. The major problem area during the period involved updating and revising of lesson material. Since the ALC is no longer staffed with personnel to support this function, very little has been done.

DEPARTMENT OF FLIGHT TRAINING

MISSION:

Conducts all flight instruction presented in formal courses of instruction at the United States Army Aviation Center. Serves as advisor to the Director of Training and as the contracting officer's representative (COR) for all contracted flight instruction.

ORGANIZATION:

The Department of Flight Training (DOFT) is organized as follows: Headquarters with the Operations, Administrative, Safety, Supply, and Methods of Instruction/Standardization Branches; Hanchey Division with Airfield Operations, Contract Evaluation, Attack/Aeroscout, and Cargo Branches; Cairns Division with Contract Evaluation and Rotary Wing Instrument Branches; Lowe Division with Airfield Operations, Contact/Night Qualification, and Combat Skills Branches.

The Department of Undergraduate Flight Training (DUFT) and the Department of Graduate Flight Training (DGFT) were combined into the Department of Flight Training effective 4 January 1978. The reorganization provides for command and control of assets under one headquarters.

Hanchey Division directs and coordinates all activities of Hanchey Army Heliport and the flight training given in Department of the Army transition, qualification, instructor pilot, and local methods of instruction flight courses (TH-55 MOI; AH-1 IPC/AQC/TOW; UH-1 IPC, Phase II; OH-58 IPC; OH-58 Aeroscout Combat Skills; and CH-47 AQC/IPC). Serves as COR for primary flight training conducted by the contractor.

Cairns Division conducts the Rotary Wing Aviator Refresher Training Course (RWART) and the Rotary Wing Instrument Flight Examiner Course (RWIFEC). Serves as the COR for the fixed wing flight training, the rotary wing transition, and rotary wing instrument flight training contracts (Fixed Wing Multi-Engine Qualification Course (FWMEQC); OV-1 Aviator Qualification Course (AQC); U-21/U-8/OV-1 Instructor Pilot Courses (IPC); Rotary Wing Qualification Course (RWQC); Rotary Wing Instrument Course (RWIC); and Initial Entry Rotary Wing Course (IERW), Instrument Phase).

Lowe Division directs and coordinates the activities of Lowe Army Heliport and Runkle Army Airfield in the conduct of UH-1 flight training in IERW transition, night qualification, combat skills, Department of the Army instructor pilot courses (UH-1 IPC, Phase 1), contact, tactics, and night qualification/night vision goggles method of instruction courses.

PERSONNEL:

COL Ralph L. Westrich was the Department Director from 4 January 1978 through 1 February 1978.

COL Jerry A. Simmons was assigned as Department Director from 1 March 1978 through 31 December 1978.

MAJ Carson G. Suber served as the Deputy Director from 4 January 1978 through 24 November 1978.

LTC John E. Watts was assigned Deputy Director on 4 December 1978 and served through 31 December 1978.

LTC Jimmy D. Weeks was the Lowe Division Commander from 4 January 1978 through 31 March 1978.

LTC Nick J. Primis assumed duty as Lowe Division Commander on 3 May 1978 and served through 31 December 1978.

LTC Charles W. Abbey was Hanchey Division Commander from 4 January 1978 through 31 December 1978.

LTC Luther L. French was Cairns Division Commander from 4 January 1978 through 28 August 1978.

LTC James H. Thacker assumed duty as Cairns Division Commander from 22 August 1978 through 31 December 1978.

The personnel turnover rate for the period 4 January 1978 through 31 December 1978 was 70.8 percent. Authorized strength at the close of the fiscal year was as follows: Officers, 140; Warrant Officers, 266; Enlisted Personnel, 121; Department of the Army Civilians, 111; total, 638.

Fourteen foreign officers were assigned as follows: Germany, 10; Australia, 1; Britain, 1; Holland, 1; Denmark, 1.

ACCOMPLISHMENTS:

In 1978 a total of 836 Initial Entry Rotary Wing (IERW) students graduated and received Army aviation wings. Included in the total were 47 Air Force officers, 64 EURO/NATO students, 22 other Allied officers, 12 National Guard, and 16 Reserve students. In addition to the IERW students, the Department of Flight Training graduated 1,889 aviators from 17 other programs of instruction, broken down as follows:

OV-1 AQC		37
OV-1 IPC		4
U-21 IPC		14
U-8 IPC		2
RWIC		27
UH-1 IPC	(Allied--2)	136
CH-47 IPC		19
CH-47 AQC		145
OH-6 IPC		1
AH-1G IPC		26
AH-1G AQC	(Allied--2)	318
OH-58 IPC	(Allied--1)	51
RWQC	(Allied--5)	95
RWIFEC	(Allied-24)	133
TOW COBRA GUN	(Allied--4)	274
RWART		442
FWMEQC	(Allied--1)	124
TOTAL		1,889

In accomplishing this training, 267,416 hours were flown in aircraft.

Four training vehicles were utilized in the Initial Entry Rotary Wing Course: the TH-55 during primary training--50 hours in eight weeks; UH-1 transition--25 hours in four weeks; UH-1 instrument training--55 hours in eight weeks with 20 hours in the UH-1 and 35 hours in the UH-1 Flight Simulator (FS); night qualification training UH-1--20 hours in four weeks; combat skills training UH-1--60 hours in eight weeks; combat skills OH-58--60 hours in eight weeks.

Training aircraft used in graduate flight courses of instruction: FWMEQC, T-42--60 hours in 10 weeks and two days; OV-1 AQC--72 hours in six weeks and four days, with 49.5 hours in the OV-1 and 22.5 hours in the procedural trainer; OV-1 IPC/local MOI--42 hours in two weeks and two days; U-21 IPC/local MOI--45 hours in six weeks; T-42 IPC--27 hours in four weeks and two days; RWQC (US Air Force)--66 hours in 11 weeks, with 42 hours in UH-1 and 24 hours in UH-1FS; RWQC (US Army and foreign military)--70.5 hours in 12 weeks, with 42 hours in the UH-1 and 28.5 hours in the UH-1FS; RWIC (foreign military)--37.5 hours in six weeks, with 7.5 hours in the UH-1 and 30 hours in the UH-1FS; RWIC (German)--40 hours in six weeks, with 15 hours in the UH-1 and 25 hours in the UH-1FS; RWIFEC--58 hours in six weeks, with 30 hours in the UH-1 and 28 hours in the UH-1FS; Rotary Wing Instrument Instructor Pilot MOI Course (RWI IP MOI)--45 hours in six weeks and one day, with 16.5 hours in the UH-1 and 28.5 hours in the UH-1FS; RWART--34 hours in four weeks, with 18 hours in the UH-1 and 12 hours in the UH-1FS, and four hours in the 2C35 Procedural Trainer; UH-1 IPC--40 hours in six weeks and two days; TAC/NOE MOI Course--UH-1, 30 hours in four weeks; Night Qualification/Night Vision Goggle MOI Course--23 hours in four weeks, with 21.5 hours in the UH-1 and 1.5 hours in the UH-1FS; OH-58 IP/MOI Course--25 hours in four weeks and one day; OH-58 Aeroscout MOI Course--68.5 hours in 10 weeks and two days; CH-47 IP/MOI Course--52 hours in seven weeks and two days, with 26.6 hours in the CH-47 and 26 hours in the FS; AH-1G AQC--25 hours in four weeks and two and one-half days; AH-1G IP/MOI Course--27 hours in four weeks and two and one-half days; AH-1S AQC--7.5 hours in two weeks and three days.

The 1978 United States Military Academy (USMA) Aviation Summer Training Program was conducted by DOFT from July through August in the TH-55 helicopter. Thirty-eight USMA cadets received the training this year. Hanchey Division provided each of the 38 cadets approximately 15 hours of flight instruction, totaling 570 hours of flight time.

During the year support was furnished to the New Mexico National Guard; the 190th Aviation Company, Olathe, KS; the 936th Aviation Company, Arkansas National Guard, Little Rock, AR; the 98th Division Flight Activity (Reserve), Syracuse, NY; and the 281st Aviation Company, Scott AFB, IL. This support was in the form of mobile assistance teams, mobile training teams, annual reserve training assistance, tactical area orientation, nap-of-the-earth checkrides, and aircraft transition training.

This department also had the responsibility of providing crews and aircraft for a number of static displays, including the Atmore Air Show, Atmore, AL; the NAS Pensacola Open House, Pensacola, FL; and support of the Air War College, Montgomery, AL.

The department had a total of nine incidents and 10 accidents, with seven fatalities. The accident rate per 100,000 flying hours was 4.1 for the calendar year to date. This is a decrease from the previous year of 4.4.

AVIATION SAFETY AWARDS:

On 2 November 1978 an Honors Dinner Ceremony was held at the Officers' Club. Doss Aviation, Inc., the civilian flight contractor, was presented the Daedalian Aviation Flight Safety Award by Retired Air Force Major General Leo P. Dahl of Mongtomery, AL. General Dahl, representing the Order of the Daedalian, presented the award for accomplishing 38,000 hours of accident-free flying. The award was accepted by Mr. Ike Irvine, Flight Director for Doss Aviation, Inc.

Twenty-four Safety Certificates of Achievement were awarded for accident-free flying hours to the following organizations:

LOWE DIVISION

Support Platoon
Combat Skills Branch I
Combat Skills Branch II
MOI/IPC Branch
Contact/Night Qualification Branch

HANCHEY DIVISION
DOSS AVIATION, INC.

Charlie Flight
Delta Flight
Echo Flight
Foxtrot Flight
Whiskey Flight
Yankee Flight
Zulu Flight

CAIRNS DIVISION
DOSS AVIATION, INC.

Rotary Wing Qualification (Contact) Flight
Rotary Wing Qualification (Instrument) Flight
Rotary Wing Instrument Course Flight
IERW, Flight 1
IERW, Flight 2
IERW, Flight 3
IERW, Flight 4
OV-1/U-21 Flight
MOI/QC Flight
Fixed Wing Multi-Engine Qualification Flight

Individual Safety Certificates of Achievement were received by 79 flight instructors at Lowe Division, 63 flight instructors at Hanchey Division, and 20 flight instructors at Cairns Division.

Department of the Army Civilian awards consisted of 46 outstanding performance ratings, two quality step increases, and three Sustained Superior Performance Awards.

A large number of VIP briefings were conducted throughout the year. These were presented to senior officers and civilians from the US Army, US Air Force, US Navy, and various foreign countries, including: Germany, Iran, Netherlands, Israel, Australia, New Zealand, Canada, United Kingdom, Sweden, and Saudi Arabia. Briefings for the US military, US civilian agencies, and members of civilian industry included: Air Command and Staff College; Applied Technology Lab, AVRADCOM; Defense Audit Service; Missile Defense System Command; National Airspace Systems Auxiliary Task Force; TRADOC; Under Secretary for Defense for Research and Engineering for Land Warfare; MILPERCEN; Army Reserve Commands; Armament Research and Development Command engineers and scientists; Army Readiness Region II; FAA; IG Health Services; American Council for Education; and NATO Study Group. Many of the briefings conducted involved information pertinent to the use, training, and testing of night vision goggles.

DIRECTORATE OF TRAINING DEVELOPMENTS

MISSION:

Directs all activities and actions encompassing the training development processes for which the school is proponent in the areas of training analysis, design, and development. Produces the Individual Training Plan (ITP), Soldier's Manual (SM), Commander's Manual (CM), Job Books (JB), Skill Qualification Test (SQT), and Collective Training Plan (Army Training and Evaluation Program). Manages the Army Training Literature Program (ATLP). Provides for staff and faculty development, Training Aid Services Center (TASC) services, training aids support, and educational television. Prepares the US Army Aviation Digest. Serves as Program Director for training developments.

ORGANIZATION:

The Directorate of Training Developments (DTD) is organized into the following major elements:

Office of the Director
Program Management Office
United States Army Aviation Digest
Staff and Faculty Development Division
Training Analysis and Design Division
Training Literature Division
Course Development Division
Training Support Division

PERSONNEL:

Directors of Training Developments for 1978 were:

COL Larry J. Baughman	1 Jan 78 - 23 May 78
LTC Robert M. Furney	24 May 78 - 9 Jul 78
COL Ralph J. Powell	10 Jul 78 - Present

Other key personnel assigned to the directorate were:

LTC William K. Bedsole was Deputy Director from 3 January 1978 - 31 August 1978. He assumed duties as Chief, Course Development Division, on 1 September 1978. His predecessor was LTC Paul L. Joplin.

Executive Officers were:

MAJ Colin B. Cosgrove	3 Jan 78 - 10 Jun 78
MAJ Paul V. Brennan	12 Sep 78 - 13 Dec 78
MAJ Louis Scipioni, Jr.	14 Dec 78 - Present

Mrs. Hellen G. Rhodes was Chief, Program Management Office, during the entire year.

MAJ James W. Hudgins assumed duties as Chief, Training Literature Division, on 1 March 1978 from MAJ Bobby F. Thomas.

LTC Robert M. Furney served as Chief, Training Analysis and Design Division, during the entire year.

Mr. Richard K. Tierney was Editor, US Army Aviation Digest; Mr. Thomas B. Carr was Chief, Educational Television Branch; and Mr. Jimmy L. Goodson was Chief, Training Aids Branch, during the entire year.

Mr. Albert F. Gibbs assumed duties as Chief, Staff and Faculty Development Division, on 15 August 1978 from MAJ John R. Cooke. MAJ Cooke assumed duties as Chief, Staff and Faculty Development Division, from Mr. William D. Wells on 5 April 1978.

Authorized strength at the close of the year was as follows: Officers, 62; Warrant Officers, 2; Enlisted, 72; Department of the Army Civilians, 177; Total, 313.

PROGRAM MANAGEMENT OFFICE

MISSION:

Serves as Program Manager and point of contact for status of all programs including assigned projects and operating programs. Acts for the Program Director on resource matters. Performs programing and budgeting functions, and exercises staff supervision for budget preparation and execution. Conducts review and analysis of training development activities. Conducts continuous analysis of resource utilization and implements necessary reprograming action. Coordinates development and approval of program change proposals for new and revised training within directorate and with Working Program Resource Advisory Committee (WPRAC) and TRADOC. Maintains central control system for projects and actions, conducts continuing evaluation of progress toward milestones, and reprograms as necessary. Develops and revises DTD annual work plan to include SME manday requirements. Compiles, monitors, and evaluates the training development portion of the TRADOC Management Information System/Combined Arms Center Management Information System (TRAMIS/CACMIS). Develops manpower requirements and organizational structures in support of assigned mission. Supervises the Word Processing Center. Formulates policies and procedures related to administrative functions within the directorate. Provides internal administrative and logistical services for the headquarters.

ACCOMPLISHMENTS:

The Program Management Office coordinated Center/Team efforts in the development of resource estimates and prepared final justification to higher headquarters to support the following program change proposals: New POIs - UH-60 AQC, UH-60 IPC, Pathfinder Training, and Specialty 15 (Officer Basic and Advanced Courses); Major revisions to POIs - Aviation Warrant Officer Advanced Course. PMO also participated in the development of resource estimates to support the "Army Surge" and UHPT Navy consolidation, both of which had major impact on the IERW Program with significant increases in resource requirements for the installation.

The PMO served as the DTD POC and was instrumental in defining mission proponency and USAAVNC responsibilities for developing and coordinating the total TRADOC aviation program.

The PMO was the DTD POC for development of training support packages and establishing requirements for instructor and key personnel training to support operational testing of aviation equipment.

Manpower and fund requirements to support new training and new systems development were defined and submitted for the FY 81-85 Program Analysis and Resource Review (PAAR). The PAAR submission included estimates for a Quad Track IERW, a multi-track concept of training for rotary wing instructor pilots, and new systems development for the AAH, ASH, and HELLFIRE as well as CH-47 modernization and UH-60 training.

Developed and coordinated workloads and manpower requirements, and processed/verified TRAMIS data for entry into the TD data base for numerous projects. A second management information system - CACMIS - was superimposed on TRAMIS early in the calendar year. The PMO managed integration of both systems and monitored/processed data for more than 1,200 Action Control Numbers.

Participated in the FY 79 TRADOC Review of Manpower (TRM) and prioritization of the total workload at HQS TRADOC.

Monitored the training development study program and participated in workshop at Fort Leavenworth.

Coordinated and led the directorate in preparation for the onsite TRADOC Manpower Survey which was conducted in October 1978. A total of 448 manpower requirements was recognized to support ongoing TD work.

A change in staffing criteria realigned subject matter expertise (SME) manpower allowances from the TD to the DT arena. Local application of criteria resulted in a 120-day test of methods for requisitioning/utilizing SMEs. The Program Management Office identified SME requirements by individual product for several hundred Action Control Numbers and prepared monthly IPR reports for the test period.

The PMO prepared and submitted input into the Installation Command Operating Budget for FY 79 and 80, and managed and certified funds' availability for an annual operating budget of approximately five million dollars in five key accounts.

Conducted quarterly DTD internal review and analysis of products/projects.

An in-depth study of requirements for commissioned officer operational and nonoperational flying positions was made in August 1978. The Program Management Office was instrumental in coordinating and developing detailed job descriptions and justifications to support DTD positions.

TRAINING ANALYSIS AND DESIGN DIVISION

MISSION:

Performs Phases I and II of the Instructional Systems Development (ISD) process for USAAVNC proponent Individual Training Programs for officers, warrant officers, and enlisted specialties. Conducts analysis of training requirements for existing aviation systems and subsystems and for those under development. Participates in development of training tasks for development and operational testing of aviation systems/subsystems. Performs Cost and Training Effectiveness Analysis (CTEA). Determines training needs for Reserve Components. Reviews and acts on feedback data from DES and the field. Supports development and review of training programs under skills performance aids (SPA). Maintains liaison with Combined Arms Center (CAC) and acts as USAAVNC POC for computer assisted games and simulation. Acts as USAAVNC POC and coordination center for simulators and training devices. Develops materiel requirements documents (TDR, TD, LR, LOA) for simulators and training devices. Participates in the development of plans for tests/studies of simulators and training devices. Monitors development of simulators and training devices through type classification. Represents USAAVNC at all contact program reviews, in-process reviews, and in-plant and onsite acceptance test for flight simulators. Develops Soldier's Manuals, Commander's Manuals, Job Books, and Skill Qualification Tests for proponent enlisted specialties 71P, 93H, and 93J. Reviews, approves, and coordinates the final preparation and publishing of institutional course examinations based upon criterion statements (test items). Reviews POI for adequate provisions for testing and determines course examination grade weights. Develops Army Training and Evaluation Programs (ARTEP) for USAAVNC proponent units. Provides input to ICTPs. Develops and publishes US Army Aviation Annual Written Examinations and related materials. Reviews changes to proponent MOS descriptions for 71P, 93H, and 93J and recommends the establishment, termination, or consolidation of MOSs. Develops student selection criteria and recommends selection procedures.

ORGANIZATION:

The Training Analysis and Design Division (TADD) is composed of three branches:

Training Analysis Branch
Training Devices Branch
Training Design Branch

In October 1978 approval was granted to organize the Training Devices Branch. Manpower resources were realigned from the Training Analysis Branch.

ACCOMPLISHMENTS:

The Instructional Systems Development (ISD) process Phase I analysis was accomplished for the Pathfinder Qualification, C-12 Aviator Qualification, C-12 Instructor Pilot, UH-60 Door Gunner, IERW Aviator (USA), AH-1 Aviator Qualification, CH-47 Aviator Qualification, Flight Operations Specialist (71P), ATC Tower Operator (93H), ATC Ground Control Approach Specialist (93J), Fixed Wing Multi-Engine Qualification, and HELLFIRE Missile OTII and Cost and Operational Effectiveness.

The ISD process Phase II design was completed for Pathfinder Qualification, C-12 Aviator Qualification, C-12 Instructor Pilot, Flight Operations Specialist (71P), ATC Tower Operator (93H), ATC Ground Control Approach Specialist (93J), ATC NCO Advanced, IERW Aviator (USA), AH-1S Aviator Qualfication, and AH-1G Aviator Qualification.

SFTS Requirements Study 1980-1984 was developed and submitted to TRADOC and DA.

The field validation was completed on MOS 71P, 93H, and 93J task lists.

Two individual/collective training plans (ICTPs) were completed: Lightweight Doppler Navigation System and Radar Warning Receiver AN/APR-39 Version I.

The ISD process Phase II design was completed in support of Individual/Collective Training Plans (ICTP) for the HELLFIRE Modular Missile System, High Performance Utility Hoist, AH-1S Helicopter, Radar Warning Receiver AN/APR-39 (V1), and Improved Hotbrick AN/ALQ-147.

Army Training and Evaluation Program (ARTEP) 1-225, Air Traffic Control Battalion (Corps), was completed in draft test edition.

Army Aviation Annual Written Examination (AAAWE) for 1979, which included versions for both FAA and ICAO operations for each mission type Army aircraft, were completed.

Skill Qualification Test (SQT) actions were completed as follows: development of scoring templates for SQT for MOSs 71P, 93H, and 93J; revision of first generation SQTs for MOS 71P; and the validation of second generation SQT Test Plans for MOSs 71P, 93H, and 93J at Forts Campbell, Stewart, Benning, Hood, and Redstone Arsenal.

Coordinating drafts of second generation Soldier's Manuals, Commander's Manuals, and Job Books for MOSs 71P, 93H, and 93J were completed.

TRAINING LITERATURE DIVISION

MISSION:

Responsible for the USAAVNC portion of the TRADOC Armywide Training Literature Program (ATLP) requirements. Develops and coordinates the preparation of proponent field manuals, DA Pamphlets, Training Circulars, ROTC manuals, and augmentation training publications. Prepares scripts in support of the USAAVNC Educational Television (ETV) and Department of the Army Motion Picture/Television Production Program (DAMP/TVPP). Researches, develops, prepares, and coordinates scripts to support DA and TRADOC directed instructional television production requirements. Reviews doctrinal, organizational, and materiel documents pertaining to aviation training literature. Researches, develops, reviews, revises, and prepares proponent aircrew training manuals. Provides interface with DCD to insure training and doctrine publications are developed in consonance with international standardization agreements, and coordinates final draft manuscripts of publications to insure

compliance with Standard Agreements (STANAGs) and Quadripartite Standardization Agreements (QSTAGs). Maintains individual files for each aviation training publication.

ORGANIZATION:

The Training Literature Division is composed of three branches:

General Publications Branch
Doctrine/Standardization Publications Branch
Publications Production Branch

ACCOMPLISHMENTS:

Field Manuals (FMs) were forwarded to TRADOC: FM 1-2, Aircraft Battlefield Countermeasures and Survivability (ABCS); C1, FM 1-5, Instrument Flight and Navigation for Army Aviators; FM 1-55, Flight Operations; and FM 1-51, Rotary Wing Flight.

Training Circulars (TCs) were forwarded to TRADOC: TC 1-60, Forward Arming and Refueling Point (FARP) Operations; TC 1-13, Hot Weather Flying Sense; TC 1-20, Aeromedical Training for Flight Personnel; and TC 17-50-3, Joint Air Attack Team Operations.

The Aviation Center performed a major rewrite of the first generation Aircrew Training Manuals (ATMs) as directed by Department of the Army.

The major revisions to the second generation ATMs were distributed to the field 1 September 1978.

On 21 August 1978 the Aviation Center was designated proponent for all ATMs.

TRADOC designated USAAVNC, July 1978, as the proponent for TC 1-60, Forward Arming and Refueling Point (FARP) Operations. TC 1-60 was developed and forwarded to the Training Support Center (TSC) on 30 June 1978.

COURSE DEVELOPMENT DIVISION

MISSION:

Performs Phase III of Instructional Systems Development (ISD) for individual training. Using ISD and draft Individual Training Plan (ITP), develops and writes Programs of Instruction (POI), instructional management plans, lesson plans, and related instructional material for institutional and extension instruction to include self-teaching extension packages (STEPS), programed texts, the Army Correspondence Program, and TEC lessons. Coordinates and validates preparation of institutional and extension training material. Updates and coordinates changes to institutional and extension courses based upon comments/feedback from students, other service schools, agencies, training centers, and other sources. Prepares final ITP for which the Center is proponent. Maintains vault file of POIs. Provides continuous coordination with Directorate of Combat Developments (DCD) on matters relating to New Equipment Training (NET), Required Operational Capability (ROC), Letters of Agreement (LOA), letter requests, Basis of Issue Plans (BOIP), Qualitative and Quantitative Personnel Requirements Information (QQPRI), Operational Tests (OT), Developmental Tests (DT), Cost and Operational Effectiveness Analysis (COEA), and other areas of mutual interest.

ORGANIZATION:

The Course Development Division (CDD) course/project management structure has been refined and teams redesignated as follows:

Utility Team
Aeroscout Team
Attack Team

Cargo/FW Team
Instrument/Primary Team
MOS 71P Team
MOS 93H/J Team
OPMS Team

Each team within the division has responsibility for both institutional and extension training programs and materials in designated areas.

The Editing Section and TEC/ACCP Management/Liaison Officer report directly to the Chief, Course Development Division.

ACCOMPLISHMENTS:

The division has accomplished its mission and participated in many related activities during the year. Personnel from the division were provided to participate in special studies such as 175/40 IERW evaluation. The production of instructional material was as follows:

	New Development	Revised	Reviewed for Reprint
Programs of Instruction	7	42	
Flight Training Guides	2	17	10
Lesson Plans	207	219	401
Programed Texts	6	127	65
Adjunctive Tests	5		
Extension Subcourses	33	30	
Training Extension Courses (TEC) Lessons	22		
USAAVNC Correspondence Course Catalog		1	
USAAVNC Regulation 310-4		1	
USAAVNC Pamphlet 310-7		1	

A coordination/development effort to plan the implementation of Phase II of the TRADOC Precommand Course (PCC) for Aviation Commanders (05/06) was initiated.

TADD and CDD were advised by TRADOC to discontinue analysis/planning efforts to establish a Branch Immaterial Warrant Officer Orientation Course (WOOC) initiated in 1977 at the direction of DA. In December 1978 DA/TRADOC directed that the effort be resumed. A milestone schedule was developed and forwarded to TRADOC.

An exportable package and training team were sent to Europe to teach AN/APR-39 Radar Warning Receiver. This same team taught at selected FORSCOM sites during the year.

A training package on the kneeboard training device for the AN/APR-39 Radar Warning Receiver was developed.

A revised POI and Flight Training Guide were developed and used for a briefing at the EURO/NATO Symposium held at Fort Rucker in November 1978.

All Fort Rucker Flight Training Guides, except for foreign or service unique training, were converted into Flight Training Supplements to the Aircrew Training Manuals.

An Aeroscout Handbook in support of IERW Aeroscout Combat Skills was developed.

TRAINING SUPPORT DIVISION/TASC

ORGANIZATION:

The Training Support Division (TSD)/TASC is composed of two branches:

Training Aids Branch
Educational Television Branch

The division headquarters has not been formally established due to resource limitations; therefore, the two branches function independently and report directly to the Director of Training Developments.

TRAINING AIDS BRANCH

MISSION:

The Training Aids Branch is a consolidated training aid/audiovisual support activity providing a single point of contact for coordination of training aid requirements and is responsible for a centralized multi-media consultation service, control and distribution of work requests, control of priorities, quality assurance, and responsive service. Provides training aids support for the United States Army Aviation Center, the Army Reserve, National Guard, and ROTC units assigned within the geographic support area. Supported units and activities use a wide variety of training aids, particularly 35mm slides, transparencies, GTAs, and devices which are provided through approved request channels. Additional services are available in support of Army aviation subjects taught in military installations throughout the world.

ACCOMPLISHMENTS:

The Graphics Section produced high quality graphic items such as master art for 35mm slides, overhead transparency masters and copies, charts, black-and-white printing plant masters, embossed signs for academic instructor and class identification, and miscellaneous graphic services as required. During this period a total of 45,986 end items were fabricated.

The Devices Section fabricated training devices at a high level of production and quality. Noteworthy devices include: a TRADOC directed project to fabricate a scaled tank target range system for use with a subcaliber weapon; design and fabrication of an AN/APR-39 Control Head and Indicator Mock-Up; fabrication of a CH-47 Electrical Systems Board; fabrication of a Radio Magnetic Indicator Mock-Up; fabrication of an M-35 Armament Subsystem Trainer; fabrication of a Seat Belt Trainer; and design and fabrication for Night Vision Goggle eyepieces and day/night filters. During this period a total of 15,452 end items were fabricated.

The Photographic Laboratory processed an exceptional number of support items for a variety of users. The majority of items produced were for 35mm color slides, color prints, and black-and-white prints. During this period a total of 858,767 negative equivalents were fabricated.

The Supply Section (Audiovisual Support) processed requests from all areas within the Fort Rucker TASC geographic support area. These requesters were provided many various pieces of audiovisual hardware with which to present their training message. This hardware includes 16mm projectors, 35mm projectors, overhead projectors, opaque projectors, Beseler "Que-See" projectors, audio tape cassette players, sound reinforcement equipment, and Sony television trainers. Software was also provided to requesters and consisted of 16mm films, cassette tapes, DA approved overhead transparencies, and paper "flip" charts. During this period a total of 216,854 items were processed.

EDUCATIONAL TELEVISION BRANCH

MISSION:

Performs all steps, including development, production, and editing, required for production of educational television programs supporting instruction at the US Army Aviation Center, in Reserve Components, National Guard aviation units, and for the Department of the Army Audiovisual Production Program (DAAPP) Armywide distribution schedule. Operates and maintains facilities for product distribution, through the on-post closed-circuit cable playback system, and by the recording of tape duplicates employed where videocassette playback units are used. The branch advises the Director of Training Developments on appropriate and effective utilization of the television medium in the training design process based on the Instructional Systems Development model.

ACCOMPLISHMENTS:

During 1978 the ETV Branch completed production of 119 instructional television programs (tapes) comprising a total running time of 3,502 minutes. Of the 119 programs, 47 were produced for exportable training purposes.

The following examples represent the diversity of program type and subject content reflected in the ETV Branch 1978 product output:

Programs produced as subject units for the TRADOC/FORSCOM NOE TV Course, a major Department of the Army Audiovisual Production Program (DAAPP) project assigned to the ETV Branch, were Unit 1: Introduction to NOE (Parts I and II); Unit 5: Terrain Flight Navigation (Parts I, II, III); Unit 8: Coordination With Friendly Forces (Parts I, II); and Unit 9: Tactical Mission Planning and Execution (Parts I, II).

New programs reflecting updated technical and subject matter content were completed for employment in the IERW primary phase of flight training: TH-55, Preflight and Cockpit Procedures; TH-55, Straight and Level Flight; TH-55, Effects and Use of Flight Controls and Instrument Relationships; TH-55, Hovering, Autorotation, Engine Failure, and Power Recovery; TH-55, Normal Climbs and Descent.

Two productions were completed as ETV contributions to a New Equipment Training Package exported to US Army, Europe. The completed productions were: AN/APR-39 Radar; Signal Recognition and Discrimination, Parts I and II.

In support of Army National Guard flight training, eight television programs were completed, all of which dealt with the OH-6A aircraft. The academic portion of OH-6A training was covered in its entirety by the eight tapes.

STAFF AND FACULTY DEVELOPMENT DIVISION

MISSION:

Develops policies and procedures relating to the operation of the Staff and Faculty Development Program. Manages the Education Intern Training Program. Conducts Staff and Faculty Development Program courses to include academic instructor and training manager training, training supervisor, programed and self-paced training, instructional systems development (ISD), and related courses. Develops and conducts other POIs for specific training required in development of school staff and faculty, including training in counseling techniques and suitable academic training for instructor pilots. Administers the USAAVNC program for accreditation by the Southern Association of Colleges and Schools.

ACCOMPLISHMENTS:

New POIs were approved for Skills Performance Aids (SPA) Workshop and Action Officer's Workshop (AOW). Programs were implemented by the Staff and Faculty Development Division (SFDD) in June.

A revised POI was approved for the Instructor Training Course (ITC) to meet the changing needs of USAAVNC training elements.

Minor revisions were approved in the POIs for the Faculty Development Workshop (FDW) and the Student Counseling Course (SCC).

The annual report to the Southern Association of Colleges and Schools was prepared and submitted to maintain accreditation of the USAAVNC.

The Education and Training Career Intern Program for two career interns assigned to the division was continued throughout the year.

Staff and faculty trained during the year: Faculty Development Workshop, 87; Instructor Training Course, 135; Student Counseling Course, 98; Integrated Technical Documentation and Training Workshop, 2.

UNITED STATES ARMY AVIATION DIGEST

MISSION:

Coordinates with USAAVNC activities, Department of the Army, other governmental agencies, civilian organizations, and individuals worldwide on matters concerning preparation of materials for publication. Researches, analyzes, writes, edits, and prepares composition dummies and layout format for the US Army Aviation Digest. Assembles completed material in specified order for submission to the contractor, in accordance with established schedules for printing and distribution. Monitors publication in behalf of The Adjutant General Office (TAGO) and Government Printing Office (GPO) to insure compliance with the printing contract.

ACCOMPLISHMENTS:

In February 1978 the Pensacola Engraving Co., Pensacola, FL, lost the contract for printing the Aviation Digest to the Thomasson Printing Co., Carrollton, GA. The April 1978 issue was the first under the new contract.

During the past year the Digest continued to average 28,000 copies printed each month. The highest number printed in the last 12-month period was in August 1978 when 29,379 copies were printed.

DIRECTORATE OF COMBAT DEVELOPMENTS

MISSION:

Serves as program manager for actions encompassed by the force development/combat developments process for which the USAAVNC is proponent, and insures necessary and effective interface, hand-offs, and integration with USAAVNC training developments, training and training analysis, and evaluation programs and other related actions.

ORGANIZATION:

The Directorate of Combat Developments (DCD) consists of the following organizational elements:

Program Management Office
Test and Evaluation Division
Concepts and Studies Division
Organizational Division
Materiel Systems Development Division

PERSONNEL:

COL Daniel B. Knight, Jr., was assigned Director of Combat Developments on 15 April 1978.

Katreen S. Vaughan was assigned Chief of the Program Management Office on 13 June 1976.

LTC Luther S. Smith was assigned Chief of the Test and Evaluation Division on 7 July 1975.

COL Robert A. Phillips was assigned Chief of Concepts and Studies Division on 18 September 1978.

LTC Ronald S. Stebbins was assigned Chief of the Organization Division on 1 June 1978.

LTC Orous L. Ellis, Jr., was assigned Chief of the Materiel Systems Development Division on 26 August 1978.

Authorized strength is as follows: Officers, 75; Enlisted, 7; Civilians, 46; Total, 128.

TEST AND EVALUATION DIVISION

ACCOMPLISHMENTS:

Prepared the following test/concept evaluation/reports:

Portable Landing System
CH-47/AH-1 Flight Simulators
VHF-AM Radio AN/ARC-115A
AN/ALQ-144 Hot Brick
AN/APR-39(V)1
AN/APR-39(V)2
XM-130 Aircraft General Purpose Dispenser
UH-1 High Performance Hoist
Flight Coordination Center, AN/TSC-61A
Air Traffic Control Tower, AN/TSW-7A
Air Traffic Control Tower, TSQ-97
OV-1D Infrared Suppressor
RU-21 Infrared Suppressor
OH-58C

Participated in and/or monitored testing/evaluation of the following:

Portable Landing System
CH-47/AH-1 Flight Simulators
VHF-AM Radio AN/ARC-115A
AN/ALQ-144 Hot Brick
AN/APR-39(V)1
AN/APR-39(V)2
XM-130 Aircraft General Purpose Dispenser
UH-1 High Performance Hoist
Flight Coordination Center, AN/TSC-61A
Air Traffic Control Tower, AN/TSW-7A
Air Traffic Control Tower, TSQ-97
OV-1D Infrared Suppressor
RU-21 Infrared Suppressor
OH-58C

Provided input for tests conducted by other agencies:

Air Combat Engagement Tactics Development Evaluation, Phase I
Joint-Countering Attack Test
AAH Crew Performance Demonstration

CONCEPTS AND STUDIES DIVISION

ACCOMPLISHMENTS:

The Army Aviation Employment Conference was held on 28-31 March 1978. Attendees included 29 general officers and civilian equivalents. The final report and executive summary were published in April 1978.

The Army Aviation Program Review was held on 4-5 December 1978. The final report will be published in January 1979.

The 9th Meeting of the Quadripartite Working Group on Aviation was hosted on 23-31 August 1978. Representatives from Australia, Canada, and England attended.

Proponent Studies:

The Nap-of-the-Earth Communications Study was completed and distributed worldwide in December 1978.

The Advanced Scout Helicopter Cost and Operational Effectiveness Analysis is on schedule. The Second Study Advisory Group Meeting was held on 20 November 1978.

The CH-47 Flight Simulator Cost and Training Effectiveness Analysis was completed.

The Army Aviation Personnel Requirements for Sustained Operations Study is on schedule and will be completed in February 1979.

The Aviation Requirements for the Combat Structure of the Army (ARCSA III) annual review was completed.

Provided representative(s) for the following conferences/work groups:

Army Manning Requirements for Air Warning and Control System Meeting
Communications Support Requirements Meeting
LOGEX 79 Planning Conference
Threat Managers' Workshop

Aircraft Noise Working Group
Position Locating/Reporting System User Conference
Tactical Surveillance, Reconnaissance, and Target Acquisition Study Advisory Group
Forces Mobility Meeting
Division 86 Operational Concept Meeting
NATO Standardization Meeting
Airspace Management Quantification Meeting
Helicopter Interservice Working Party Meeting
Tactical Air Traffic Control User/Developer Meeting
Airpower Symposium
Intelligence Systems Program Review
SCORES Workshops
Rationalization, Standardization, Interoperability Review
Army and Air Force Scientific Advisory Board Summer Study
Air Defense Working Group
Corps Tactical Operations System Demonstration
Smoke-Obscurant/Electro-Optical Test and Evaluation Symposium
Annual Armor Conference
Division Level Data Entry Device Conference
Maneuver and Fire Support Study Advisory Group

Provided Aviation Center input to the following actions accomplished by other agencies:

Aviation Deployment Study
US/FRG Airmobility Concept Paper
Air/Ground Cavalry Study

ORGANIZATION DIVISION

ACCOMPLISHMENTS:

Developed, revised, or reviewed the following proponent tables of organization and equipment (TOE):

TOE 1-187H, Division Aviation Company
TOE 1-500, Aviation Teams

Provided Aviation Center requirements for TOE and TDA basis-of-issue/personnel for the following:

Aircraft Survivability Equipment

Provided representative(s) for the following meeting:

USAREUR ARCSA III In-Process Review

MATERIEL SYSTEMS DEVELOPMENTS DIVISION

ACCOMPLISHMENTS:

Prepared and/or revised materiel requirements documents for the following items of equipment:

Integrated Aircrew Helmet
Aircrew Clothing System, Intermediate Cold, Cold and Extreme Cold Weather
FLIR Augmented Cobra TOW Sight
Mast-Mounted Sight System
Cold Weather Aircraft Survival Kit Sleeping Bag
Gloves Flying, Extreme Weather

Improved Lighting System for Army Aircraft
Accident Information Retrieval System
Wire and Wire-Like Object Detection System
Fire and Forget HELLFIRE Seeker
Helicopter Oxygen System
Onboard Oxygen Generating System
Nap-of-the-Earth Communications

Monitored developmental effort on the following equipment:

SRU-33 Body Armor
Cobra Helmet
2.75" Rockets
Target Acquisition & Designation System/Pilot's Night Vision System
XM-29 Mask
Projected Map Display
National Microwave Landing System
AN/ALQ-144 IR Jammer
AN/APR-39(V2) Radar Warning Receiver
AN/ALQ-136 Radar Jammer
Tactical Beacon System
Integrated Avionics Control System
Very Lightweight Air Traffic Management Equipment
AN/ARC-115A VHF-AM Radio Set
Multiband Manpack Scanner/Transceiver
PRC-112 Survival Radio
Nickel Cadmium Battery Charger/Analyzer
OH-58
Cobra Fire Control
OH-58 Low Glare Canopy
Night Vision Systems
Black Hawk
AN/AVR-2 Laser Warning Receiver
Crane/Self-Propelled Army Aircraft Maintenance
Lightweight Doppler Navigation System
Mobile Electric Power Sources
Dynamics Tracking and Balancing System
Advanced Attack Helicopter
Positioning and Navigation System
Helicopter Mounted Laser Weapon System
Multiband, Avionics Transceiver
Aircraft Survival Radios
XM-130 Chaff/Flare Dispenser
HELLFIRE
Tactical Aviation Maps
SPH-4 Helmet
Family of Automatic Test Support Systems

Provided representative(s) for the following meetings:

Family of Automatic Test Support Systems Meeting
XM-29 Mask Critical Design Review
Aviation Life Support Tri-Service Conference
Aviation Life Support Steering Council
Product Improvement Proposal Review
Radio Technical Commission on Aeronautics Special Committee
Integrated Avionics Control System Quarterly Review
SPIDER Chart Meeting

NOTE:

Work performed by this organization is classified for the most part and cannot be discussed in an unclassified document.

DIRECTORATE OF EVALUATION AND STANDARDIZATION

MISSION:

Represents the USAAVNC as proponent agent for United States Army Aviation Standardization, and acts as an extension of the Office of the Deputy Chief of Staff for Operations, Department of the Army. Monitors and evaluates Armywide implementation of the Aviation Standardization Program. Conducts separate independent evaluations of selected items, products, systems, and programs for which the USAAVNC is proponent. Conducts a total systems analysis, identifies problem areas in fielded systems and programs, and provides that information as input to the trainer, the training developer, and the combat developer for solution of the problems.

ORGANIZATION:

The Directorate of Evaluation and Standardization (DES) was reorganized in August 1978 resulting in the creation of the Program Management Branch. The purpose of the reorganization is to strengthen top level management and procedures controls, enhance accomplishment of the DA Aviation Standardization and TRADOC training effectiveness evaluation missions, and improve complementary support of the Flight Standardization Division and Evaluation Division. The directorate is organized into the following major elements:

Office of the Director
Program Management Office
Standardization Literature Review Section
Flight Standardization Division
Evaluation Division

PERSONNEL:

COL Charles S. Wingate served as Director throughout the year.

LTC Marco Torres, Jr., served as Assistant Director throughout the year.

LTC Victor S. Conner was assigned as Chief, Evaluation Division, 1 August 1978, replacing LTC Patrick J. Kelly.

MAJ John E. Shields served as Chief, Flight Standardization Division, throughout the year.

CWO Michael J. Novosel served as Aviation Safety Officer throughout the year.

LTC James L. Joyner served the directorate as National Guard Liaison Officer throughout the year.

Authorized strength as of 31 December 1978 was as follows: Officers, 16; Warrant Officers, 24; Enlisted Personnel, 9; Department of the Army Civilians, 21; Total, 70. The number of persons actually assigned at the close of the year was 68.

OFFICE OF THE DIRECTOR

MISSION:

Serves as the principal staff assistant to the Commanding General, USAAVNC, and the Deputy Chief of Staff for Operations and Plans (DCSOPS), Department of the Army, in implementing the United States Army Aviation Flight Standardization and the TRADOC Aviation Training Effectiveness and Evaluation Programs. Serves as a member of the installation Program Resource Advisory Committee (PRAC) and the Installation Planning

Board. Serves as program director for directorate funds and advises Department of the Army and appropriate Army commands on the status of the United States Army Aviation Flight Standardization Program, and develops and recommends changes to the general policy guidance. Serves as central point of contact (POC) for both developmental and type classified Synthetic Flight Training Systems (SFTS). Prepares Standardization Communication (STACOM) items for publication in the USAAAVS Flight Fax, and researches, develops, coordinates, reviews, and revises Army Regulation 95-1.

PROGRAM MANAGEMENT OFFICE

MISSION:

Provides internal administrative and supply services. Advises the director on personnel and manpower matters. Formulates policies and procedures related to administrative functions. Coordinates internal management improvement, work simplifications, reports and forms control. Prepares estimates of requirements for supplies for the operating budget. Prepares, maintains, and updates personnel information rosters and strength reports. Establishes and monitors publication accounts; coordinates requirements for, and issues regulations to, all internal elements; and coordinates all areas of personnel management and administration. Serves as resources manager and point of contact for DES management and control. Develops and maintains the DES portion of the TRADOC Management Information and Combined Arms Center Management Information Systems (TRAMIS/CACMIS). Develops program and budget submissions, formal review data, and monthly financial management reports, and maintains funds control.

FLIGHT STANDARDIZATION DIVISION

MISSION:

Advises the Director of Evaluation and Standardization on matters pertaining to the United States Army Aviation Standardization Program. Conducts aviation standardization evaluation and assistance visits to active Army, Army National Guard, and Army Reserve installations and commands worldwide. Evaluates flight training standardization within USAAVNC; conducts detailed flight tests and evaluations of proposed or established flight training maneuvers to insure that maneuver analysis is thorough, complete, and adequate to the training environment; and evaluates the effectiveness of individual, unit, resident, and nonresident flight training programs. Provides assistance and recommendations for improved quality control and overall aviation training effectiveness. Recommends general policy guidance for the Army Aviation Standardization Program. Provides subject matter expertise on aviation standardization staffing actions. Provides technical advice to the Aviation Digest on aviation standardization articles. Provides responses to Standardization Communication (STACOM) topics and questions for publication in the USAAAVS Flight Fax. Develops topics/subjects for the Fort Rucker Installation Aviation Standardization Board. Assists in the development of Synthetic Flight Training Systems (SFTS), and prepares results from field evaluations of type classified SFTS for submission to proponent agencies. Monitors and prepares replies to inquiries concerning the Army Aviation Standardization Program. Coordinates with appropriate agencies on flight techniques and operating procedures which affect Army aviation standardization publications.

STANDARDIZATION LITERATURE REVIEW SECTION

MISSION:

Reviews TRADOC and USAAVNC proponent center publications and literature to insure that aviation standardization, training principles, techniques, and procedures are incorporated in flight and academic instruction. Reviews and evaluates for technical accuracy, content, and aviation standardization, nonproponent literature such as training manuals, training circulars, flight training guides and supplements, operator's manuals and checklists, and

other doctrinal publications. Reviews modifications of flight procedures, standardized aircraft operating procedures, and other aviation related procedures with other divisions within DES. Prepares and consolidates these comments/recommendations, verifies both format and accuracy of content of aviation standardization, arranges for final typing and approval, and coordinates these comments/recommendations with other directorates, agencies, and activities to insure that the goals of the Army Aviation Standardization Program are met.

On 5 June 1978, the section was tasked with the responsibility of research, coordination, and preparation of both normal and emergency procedures and tehcniques for all Army aircraft operator's manuals (-10s) and checklists (CLs). Historically, USAAVNC had been actively participating in the review and revision of -10s and CLs since 1967. In 1971, the first USAAVSCOM/USAAVNC Joint Operating Agreement (JOA) was signed by the two respective commanders. USAAVNC, through DES, serves as the action agency to represent the field on recommended changes to the -10s and CLs.

EVALUATION DIVISION

MISSION:

Implements and conducts the USAAVNC Evaluation Program. Conducts field evaluations by onsite visits to high density aviation MOS areas; mails questionnaires to areas of low density aviation MOS; and coordinates all school efforts in this area. Collects data regarding USAAVNC student performances, MOS job requirements, and graduate performances. Analyzes all such data to identify training, training development, and combat development problems. Determines the general nature of the problem and refers the problem to the appropriate directorate. Evaluates unit utilization of tasks indicated as problem areas, as needed. Conducts thorough internal evaluation of USAAVNC proponent courses, as needed. (This is not to be confused with the continuing evaluation which is a responsibility of the training managers.) Indicators of the need for an internal evaluation are commanders' comments from the field, field evaluation visits, trip reports, field interviews, resources available, and MOS criticality and density. The internal evaluation will encompass investigating the following: instructor qualifications, course documents (i.e., lesson plans, master training schedules, programed texts, etc.), testing and grading procedures, student disposition (i.e., attrition rates, AWOL rates, etc.), and other factors that impact on training. Provides feedback to the DTD to assist in course revisions. Gathers, tabulates, and analyzes data gained from field team visits, field interviews, SQT, ARTEP, DT/OT, FDTE, in-course tests, attrition rates, post-graduate surveys, in-course critiques, trip reports, and other sources of data regarding student performance and unit achievement. Whenever field data indicates the necessity, or when directed, DES will conduct an internal evaluation of USAAVNC proponent course.

ACCOMPLISHMENTS:

Performed over 1,500 flight and academic evaluations at the USAAVNC. Participated in 16 aviation standardization evaluations, 31 assistance visits, 13 IP equivalency checks, and 39 augmentations of MACOM visits. Conducted four aviation standardization seminars for units of Army Reserve Components of various states/regions.

Since 1967 the Army Aviation Center has been actively participating in the review and revision of Army aircraft Operator's Manuals (-10s) and Checklists (CLs). In 1971 the first USAAVSCOM/USAAVNC joint operating agreement was formally signed by the two commanders. USAAVNC serves as the action agency to represent the field on recommended changes (DA Form 2028) to the -10s and CLs. Originally, USAAVNC was responsible for input to five chapters in those documents. On 8 May 1978 the agreement was changed to make USAAVNC responsible for coordinating field input for normal and emergency procedures and techniques throughout the manuals without restrictions to designated chapters. At the present time, there are 30 operator's manuals with corresponding checklists. During FY 79 three more manuals will be added to the list.

DES assumed the Contracting Officer's Representative (COR) responsibility for initiation of a five-month contract with Ketron, Inc. (Washington, DC), for a study on automating the Army Flight Record System as follow-on to the recently published AR 95-1. USAAVNC received tasking from DA, DCSOPS, through TRADOC in mid-September 1978. Through expeditious DES staffing action and follow-on procurement action by USAAVNC procurement office, the contract was awarded for some $48,000 in only 15 working days, allowing those monies to be obligated before the close of FY 78.

The Evaluation Study of Female Army Aviators was completed by the Evaluation Division of DES. This study was prompted by a female aviator who had difficulty controlling the UH-1 with the hydraulics off while attending the Aviation Maintenance Officers' Course at Fort Eustis, VA. The major findings of that evaluation concluded that there is little difference in performance by females during training; that training received was as good as that of their male classmates; that acceptance both in school and on the job was difficult until they had proven themselves; that 72 percent of the females believed they received the same missions as the male aviators and, due to inadequate strength, that a few females had difficulty completing the Aviation Maintenance Officers' Course. Conclusions of this study have enhanced the flight training at USAAVNC.

The first 175/40 IERW class graduated 3 March 1978. At that time, DES commenced a training effectiveness evaluation of the 175/40 IERW Course. A contract was awarded to Seville Corporation of Florida to conduct the evaluation in conjunction with ARI and DES support. The final report is expected in May 1979.

In March 1978 DES was tasked by TRADOC to establish a contract for qualification training in the C-12 aircraft. This requirement came about as a result of the relatively low-experience level of U-21 qualified aviators who were undergoing only five hours of flight training given by Beech Aircraft, Wichita, KS, prior to picking up their new aircraft for delivery to worldwide basing sites. In April 1978 a contract was awarded to Flight Safety International for a two-week flight simulator course. The graduates then proceed to Beech Aircraft, Inc., for the five hours of flight training. Quality control of that training is ensured by the crew proceeding to Fort Rucker where a DES SIP administers a thorough flight evaluation. To date, the training has successfully met C-12 cockpit requirements worldwide.

The director and other DES personnel attended the TRADOC, FORSCOM, and CONUS Army's Aviation Standardization Board Conferences during 1978. In addition, COL Wingate and two DES members attended/conducted the DA Aviation Standardization Policy Board meeting held at Washington, DC, in September. DES provided the action officer, CW3 Billy R. Carver, who coordinated required actions for the successful accomplishment of the meeting, to include drafting the after action report and recommended policy changes.

US ARMY AVIATION BOARD
HEADQUARTERS
US ARMY AIRCRAFT DEVELOPMENT TEST
ACTIVITY HEADQUARTERS

UNITED STATES ARMY AVIATION BOARD

MISSION:

Plans, conducts, and reports on Operational Test I, Operational Test II, Operational Test III, and other user type tests of aviation materiel.

Participates in Development Test I, Development Test II (Engineering Phase), and Development Test III as directed.

Provides advice and guidance on test and evaluation matters to materiel developers, materiel producers, other services, and private industry.

Participates in flying development test mission profiles to support collocation of testing organizations.

Conducts other tests and evaluations as directed by Commanding General, TRADOC.

ORGANIZATION:

The USAAVNBD consists of the President's Office, Headquarters Company, and six primary operating divisions:

Administrative Support Division
Test Concept and Operations Division
Electronic Systems Test Division
Resource Management Division
Aircraft Systems Test Division
Major Systems Test Division

PERSONNEL:

Year-end authorized personnel strengths were 112 military and civilian personnel. Key personnel assigned during the year were:

Position	Personnel	Dates
President	COL Robert A. Bonifacio	Jan-Dec
Technical Advisor	Mr. George Slagley	Jan-Dec
Sergeant Major	SGM Jack W. Lisenby	Jan-Dec
Executive Officer	LTC Gregory J. Schrand	Jan-Jun
	LTC Edward L. Burkhalter	Jun-Dec
C, Admin/Spt Div	LTC Conrad Chesser	Jan-Dec
C, TC&O Div	LTC Gary W. Munroe, Sr.	Jan-Aug
	LTC David H. Fournier	Aug-Dec
1st SGT, HQ Co	SFC Royce L. Burns	Jan-Jul
	SFC Franklin D. Griffin	Jul-Dec
CDR, HQ Co	MAJ John Patterson	Jan-Dec
C, Elct Sys Test Div	LTC Robert D. Price	Jan-Dec
C, Res Mgt Div	Mr. Bobby D. Tindell	Jan-Dec
C, Acft Sys Test Div	LTC Hugh Rhodes	Jan-Dec
C, Maj Sys Test Div	LTC Reginald A. Neuwien	Jan-Dec

ACCOMPLISHMENTS:

During 1978 the Aviation Board completed the following 10 operational tests and participated in the planning, testing, and reporting phases on 33 programed tests:

VHF Commo Radio ARC-115A.
TRADOC TRMS No: 7-OTN426; ACN: 33452.
Operational Test III (OT III), VHF Commo Radio.
Start: 1 November 1977; End: 30 December 1977.

The purpose of this operational test was to gather data in an operational environment for use in assessing the military utility and operational effectiveness of the AN/ARC-115A, VHF-AM Radio. This included verification of communications compatibility of the AN/ARC-115A. This radio is designed as a direct replacement (attrition basis only) for the current standard AN/ARC-115 radio set.

Flight testing began 2 November 1977. Intelligibility subtests were conducted using OV-1D and OH-58 aircraft. Additional data were collected using OH-58 and AH-1S aircraft. The AN/ARC-115A was found to be equal to or better than the AN/ARC-115 in all operational modes that were evaluated. Furthermore, new equipment training is not considered required. The final test report was distributed on 6 February 1978.

Evaluation of a Portable Landing Light System.
TRADOC TRMS No: 8-CEP009; ACN: 46831.
Concept Evaluation Plan (CEP), Portable Landing Light System.
Start: 28 November 1977; End: 6 December 1977.

The purpose of this concept evaluation was to gather operational data for use in assessing the effectiveness of an improved landing light system that was designed and developed by personnel of the 101st Airborne Division (Air Assault). The prototype system potentially offers a significant improvement over the standard system in weight, cost, and operational effectiveness.

The Portable Landing Light System, as configured for the evaluation, was subjectively evaluated to be inferior in an operational environment to the current standard "A" system.

Test item was fabricated locally by personnel of the Electronic Maintenance Test/Instrumentation Branch. Test report was distributed on 9 February 1978.

Air Combat Engagement Tactics Development and Evaluation (ACE-TDE) Phase I.
TRADOC TRMS No: 7-000058; ACN: 46832.
Tactics Development and Evaluation (TDE) Phase I, Air Combat Engagement (ACE).
Start: 31 October 1977; End: 16 December 1977.

The purpose of this tactics development and evaluation was to provide an initial low-resolution evaluation of one-on-one helicopter aerial combat and to lay the groundwork for future, more sophisticated phases of evaluation. Using current tactics and armament subsystems, limited instrumentation and standard scenarios, the one-on-one helicopter engagement was examined to provide the baseline for evolutionary tactical developments with increasing force ratios.

The evaluation assessed the aerial tactics presented in (Draft) TC 1-7, Helicopter Aerial Defensive Tactics, being written by Directorate of Training Developments. Improvements will be recommended in hardware and institutional and organizational training programs. US Army Materiel Systems Analysis Activity assisted in ballistics computations and analysis. A letter report was submitted 19 May 1978.

XM-130, Aircraft General Purpose Dispenser.
TRADOC TRMS No: 8-000089; ACN: 23455.
Effectiveness Evaluation/Demonstration of the XM-130.
Start: 24 March 1978; End: 7 April 1978.

The effectiveness evaluation/demonstration of the XM-130, as installed on the AH-1 and OH-58 helicopters, was conducted at Fort Bliss, TX, during the period 24 March - 7 April 1978. Representatives of the USAAVNBD who participated in the test at Fort Bliss met in St. Louis 25, 26, and 27 April with the PM-ASE's office, the Armor Center, and DCD of the USAAVNC to discuss test data and formulate a tentative position on the continuation of the program. The Aviation Board published a letter report 30 June 1978.

Evaluation of Tactical Maps/Special Purpose Goggle Maps.
TRADOC TRMS No: 7-CEP051; ACN: 45029.
Concept Evaluation Plan (CEP), Tactical Aviation Map (TAM)/Special Purpose Goggle Map (SPGM).
Start: 1 April 1978; End: 30 May 1978.

The purpose of this concept evaluation was to assess the user acceptability of the red light and white light readable TAM and the SPGM. This evaluation will provide information to assist USAAVNC in formulating recommendations on new flight maps with respect to the utility of the experimental maps; termination/continuation of the development of these experimental maps; and revision of the maps based on user preference.

The evaluation was accomplished at Fort Hood, TX, using flight time and crews of the 6th ACCB, III Corps, performing normal tactical day and night missions, with and without AN/PVS-5 Night Vision Goggles. A letter report was due 30 May 1978. Subject test was not completed as scheduled. Test was scheduled to be conducted 1-30 April 1978. During the pretest planning conference with the test unit, 6th ACCB, Fort Hood, TX, and III Corps, the ACCB projected over 300 missions for the test period. In actuality, the 6th ACCB did not fly for two of the four weeks during the test period; therefore, the test period was extended to 30 May 1978. A letter report was submitted 15 August 1978.

Improved Night Vision Goggles.
TRADOC TRMS No: 8-000073; ACN: NA.
Start: 3 April 1978; End: 15 June 1978.

The purpose of this customer test was to conduct the evaluation of the third generation Improved Night Vision Goggles (INVG). This evaluation assessed the improvement in effectiveness of the third generation NVG over the AN/PVS-5, assessed light levels at which both became ineffective, and compared the Improved Night Vision Goggles against the existing AN/PVS-5.

Qualified NVG aviators attending the USAAVNC IP MOI course were used in the conduct of this evaluation. The aviators flew simulated tactical flights at varied light levels to assess NVG effectiveness. Data were recorded using instrumentation to determine the ability of the aviator to fly at NOE altitudes during lower ambient light levels with both the AN/PVS-5 and INVG. Test report was submitted 15 August 1978.

Cobra Aircrew Lightweight Helmet.
TRADOC TRMS No: 8-CEP070.
Concept Evaluation Plan, SPH-4 (Modified).
Start: 1 August 1978; End: 1 September 1978.

The purpose of this test was to determine the feasibility of the helmet for Army use in representative Army aircraft. Test report was forwarded 26 October 1978.

OH-58C (IOC) FDTE.
TRADOC TRMS No: 8-FO129; ACN: 27505.
OH-58C Initial Operational Capability Force Development Test and Evaluation.
Start: 7 August 1978; End: 15 September 1978.

The purpose of this test was to evaluate the user acceptability and military utility of the integrated OH-58C product improvements in a tactical training environment.

Test start was delayed from 22 May to 17 July 1978 due to helicopter nonavailability. Failure of TSARCOM and III Corps/ Fort Hood to conclude a "loan agreement" in lieu of a materiel release was holding this test in abeyance. The loan agreement was consummated, and test start date was 7 August 1978. Test was completed on 15 September 1978. Test report was submitted on 4 December 1978.

Preliminary test results were released on 4 October 1978 at the request of the TSM-ASH and the TSARCOM, RPO.

A continuation to examine an improved windscreen was executed during early November and will be reported as an addendum to the IOC/FDTE test report.

J-CATCH, Phase II.
TRADOC TRMS No: 8-F0167; ACN: 40105.
Development of Tactics for Attack Helicopter-versus-Threat Helicopter in Aerial Combat.
Start: 6 November 1978; End: 10 December 1978.

Phase II of J-CATCH commenced on 6 November 1978 and was completed on 10 December 1978 at Fort Rucker. This phase was a Joint Army/Air Force Tactics Development and Evaluation (TD&E) comprised of various Helicopter-versus-Helicopter, Force-on-Force Aerial Combat Scenarios. It was part of a six-phased program with Phases V and VI currently unfunded. Phase I, which was totally Air Force participation, was conducted and completed on 26 May 1978. The Aviation Board received on 27 June 1978 a copy of a preliminary report on Phase I, J-CATCH, entitled, "Quick Look Report, TAC Project 77X-010F, TD&E J-CATCH Phase I (U)." This report is classified SECRET. On 19 December 1978, the Aviation Board, in conjunction with joint preparation from TAC and TFWC, released a preliminary report on Phase II, J-CATCH, entitled, "Quick Look Report J-CATCH Phase II(U)." This report is also classified SECRET.

Vest, Survival Armor.
TRADOC TRMS No: 8-CEP075.
Concept Evaluation of the Air Force SRU-33/P Vest, Survival/Armor.
Start: 1 August 1978; End: 15 December 1978.

The purpose of this concept evaluation is to evaluate and compare the SRU-33/P to the Army Standard "B" in a cockpit environment and determine the compatibility of each with all other life support equipment; assess the aviator/crewmembers' capability to perform normal and emergency duties while wearing the SRU-33/P as compared to the Army Standard "A" and "B"; and compare and evaluate aviator/crewmembers' situations while wearing the SRU-33/P and Army Standard "A" and "B." Test report is due 15 February 1979.

This evaluation will provide the necessary data to assist the USAAVNC in formulating a proposal for type classification of the SRU-33/P for use by US Army personnel. The aviators selected will wear the SRU-33/P during normal flight operations in conjunction with other ongoing tests. Compatibility with cockpit configurations, ingress, egress, and emergency situations will be performed using selected static aircraft and the Hughes AAH mockup. NARADCOM will provide the SRU-33/P. US Army Support Activity, Philadelphia, PA, will provide the US Army Standard "A" and "B" to the test organization for the test period.

HIGHLIGHTS:

Aviation Board personnel attended a three-day Test Integration Working Group (TIWG) at Fort Monmouth, NJ, on 10-12 January. Tests discussed included the APR-39(V)2, AN/ALQ-136, and the AN/ALQ-156.

MAJ Brittingham, Electronic Maintenance/Instrumentation Branch Chief, briefed BG Patterson and MG Smith on 4 and 6 January 1978, respectively, concerning the concept of the Army Aviation Instrumented Range Methodology Investigation Proposal. Both BG Patterson and MG Smith favored the proposal.

Provided Aviation Board representation at Pre-TIWG on the Black Hawk on 26 January at Fort Benning, GA. Mission profiles and the Test Support Package were the primary topics discussed.

On 18 and 19 January 1978, PM TRADE chaired an AH-1FS TIWG at the USAAVNBD to discuss program status. PM TRADE representatives presented the new proposed delivery acceptance and test schedule. On 20 January 1978, an update briefing was presented to BG Patterson, USAAVNC, by representatives from PM TRADE, DTD USAAVNC, and the USAAVNBD. Among attendees were BG Patterson; COL Baughman, DTD, USAAVNC; COL Bonifacio, President, USAAVNBD; and LTC Maynard, Office of PM TRADE.

LTC G. R. Downer, TRADOC Liaison Officer to Picatinny Arsenal, Dover, NJ, visited the Board on 4 January to receive the Board briefing.

COL F. Delamain, Director of Experimentation and Test Directorate, DCS Combat Developments, TRADOC, visited the Board 17-18 January. On 17 January he paid an office visit to the Board President, received the Board briefing, and discussed problem areas on OT operations. On 18 January he attended the joint TRADOC-TAC conference on ACE-TDE/FDTE conducted at the Board.

BG Charles E. Canedy, Deputy Director of Requirements and Army Aviation Officer, ODCSOPS, Washington, DC, visited the Board on 17 January and received the Board briefing.

The USAAVNBD hosted a joint TRADOC-TAC conference on ACE-TDE/FDTE on 18 January with representatives from the US Air Force, US Marine Corps, and other Army agencies.

LTC Kenneth M. Koester, OTEA, received the Board briefing on 19 January.

A briefing on the AH-1FS was presented to BG Patterson on 20 January.

COL Bonifacio, President, USAAVNBD, was a guest speaker for the USAAVNC Commanders' Readiness Course on 24 January.

Mrs. Leta Brower, PM ASE office, St. Louis, MO, received the Board briefing on 25 January.

LTC Brown, AVRADCOM Project Manager for the XV-15 Tilt Rotor System, and Mr. Mizell, Project Engineer, received the Board briefing on 26 January.

Mr. Bruce, General Electric, received USAAVNBD briefing and discussion concerning OT testing philosophy and ACE/TDE on 27 January.

COL Annette and MAJ Cogan, TRADOC IG, received the Board briefing on 31 January. This was the in-briefing for the annual TRADOC IG inspection.

CPT McGaugh and CW3 Dize remained TDY in Ottawa, Canada, as participants in a UH-1 Helicopter Icing Test.

MAJ Neuwien attended a Black Hawk TIWG on 1 and 2 February. Planning of the Black Hawk IOC/FDTE continued. The IOC date was changed from 12 January 1979 to 15 January 1979.

On 16 February MAJ Neuwien attended a Black Hawk ASE and a Black Hawk RAM conference at the PM's office in St. Louis to discuss those aspects of the Black Hawk IOC/FDTE.

On 16 Februry CW3 Yarlett conducted briefings on the AH-1FS for Mr. McKinely, Under Secretary of Defense for Research and Development, Office of Land Warfare, and for Representative Lloyd of the Armed Services Subcommittee, US Congress.

COL Odneal, Chief, Advanced Flight Simulator Branch, Aero Mechanical Laboratories, Moffett Field, CA, visited the Board on 3 February for an office visit with the Board President and to receive the Board briefing and an update briefing on ACE. He was accompanied by Mr. Key, Mr. Sinecori, and Mr. Wright.

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An ACE update briefing was presented to MG Smith, Commander, USAAVNC, on 6 February by the Board President.

COL Keaton, PM ASE, visited the Board on 13 February for an office visit with the Technical Advisor and to receive an update briefing on ACE.

COL B. R. Battle, Tactical Air Command, Langley AFB, visited the Board on 13 February for an office visit with the Board President and a discussion on ACE.

Mr. Hill, Mr. Pollard, and Mr. Sorel, Sikorsky Aircraft, visited the Board on 13 February for an office visit with the Technical Advisor.

COL Bonifacio and MAJ Glance were TDY to AMSAA, APG, Maryland, and OTEA, Falls Church, VA, 13-15 February, to brief Dr. Sperrazza, AMSAA, and MG Becton, OTEA, on ACE.

LTC Griffiths, Cobra PM Office, visited the Board on 16 February for an update briefing on ACE.

Mr. Charles H. McKinnley, Director of Land Warfare, OSD, and LTC(P) Cass, XO to Mr. McKinnley, visited the Board on 17 February and received the Board briefing and an update briefing on ACE.

Mr. Dick Bruce, General Electric, accompanied by Mr. Ellis, Mr. Havious, and Mr. Wagner, visited the Board on 23 February to present a briefing on the Air-to-Air Study conducted by General Electric.

COL Simmons, new Director of Flight Training, USAAVNC, visited the Board on 27 February for an office visit with the Board Presdient and received the Board briefing.

MAJ Dickens and CPT Bridgers attended the TRADOC RAM Course sponsored by USALOGC during the period 6-24 March.

CPT McGaugh and CW3 Dize remained TDY in Ottawa, Canada, as participants in a UH-1 Helicopter Icing Test.

On 16 March MAJ Smith attended a Black Hawk training briefing where it was determined that the USAAVNBD would receive three quotas for UH-60A transition to begin November 1978.

LTC Price departed 27 March to attend a TIWG in St. Louis, MO. Projects discussed included the AN/APR-39(V)2 RWR and the ALQ-136.

Mr. Hung, Mr. DiKant, and Mr. Hutchings, AVRADCOM, visited the Aviation Board on 1 March to receive the Board briefing and an update briefing on ACE/J-CATCH.

Mr. Mark Hoffman, Human Engineering Laboratories representative at Fort Rucker, visited the Aviation Board on 23 March and received the Board briefing. He was accompanied by members of the Department of Defense Helicopter Research Coordinating Panel of which he is chairman.

COL Young, Aviation Coordinator for Army Readiness Region II, visited the Aviation Board on 10 April and received the Board briefing.

TRADOC conducted a Manpower and Equipment Survey of the Board during the period 10-13 April. Mr. Bozik, Team Chief, and other members of the team received the Board briefing and held a discussion with all division chiefs on 10 April prior to conducting the survey.

LTC William Wilson, ODCSRDA, visited the Board on 25 April for an office visit with the Board President and received the Board briefing.

The "Reliability Testing Institute" was hosted by the Aviation Board and presented at Fort Rucker, AL, during 24-28 April by Dr. Dimitri Kececioglu of the University of Arizona. The course provided planning and analysis techniques for reliability testing. Twenty-one personnel attended the course: seven from USAAVNC, five from USAAVNBD, four from USAARL, two from USARI, and one from the ACE Board, Fort Bragg, NC.

MAJ Smith, Aircraft Systems Test Division, attended a UH-60A Flight Simulator TIWG on 25 April at Fort Rucker. Significant subjects that were discussed were the OT II test schedule, POI for aviator qualification, training effectiveness, and critical issues for test.

MAJ Miller, Electronic Systems Test Division, attended a meeting in St. Louis, 25-27 April, to discuss results of the XM-130 effectiveness, evaluation/demonstration conducted at Fort Bliss, TX, during the period 24 March - 7 April 1978. As a result of the meeting, it was determined that the Aviation Board would prepare the test report.

MAJ Smith attended a Factory Progress Design Review for the UH-60A Flight Simulator at the Singer Plant, Binghamton, NY, 2-3 May.

Test Design Plan (coordination draft) for the High Performance Utility Hoist was mailed to interested agencies on 18 May. Comments on this coordination draft (TDP) are due on 2 June.

MAJ Smith attended DEVA IPR on the CH-47 Flight Simulator at Fort Rucker, AL, on 31 May and 1 June 1978.

MAJ Dickens attended the Simulated Training Requirements and Effectiveness (STRES) briefing conducted at ARI, Fort Rucker, AL, on 24 May.

LTC Neuwien, Major Systems Test Division, attended a joint Army/Air Force meeting at Nellis AFB on 8-10 May. The significant action was finalization of the test design plan for J-CATCH, Phase II.

COL Shallcross, TSM-ASH, received a J-CATCH update briefing on 18 May.

LTC Neuwien, Major Systems Test Division, attended a CACDA briefing held at the Aviation Board on 23-24 May. This briefing resulted in the finalization of the scenarios and tactics to be used during J-CATCH, Phase II. The USA Armor Center was represented at this briefing by two members of the Directorate for Armor Aviation.

MG Merryman, Deputy Chief of Staff Combat Developments, HQ TRADOC, visited the Aviation Board on 12 May. MG Merryman received the Board briefing and an update on J-CATCH.

LTC Joplin, Chief, Course Developments Division, Directorate of Training Developments, USAAVNC, visited the Aviation Board on 30 May and received the Board briefing.

Electronic Test Division personnel attended test coordination meetings at Electronic Proving Grounds, Fort Huachuca, AZ, Fort Bliss, TX, and Eglin AFB, FL, during the period 9-15 May to discuss plans for effectiveness testing of the AN/APR-39(V)2 Radar Warning Receiver and the AN/ALQ-136 Radar Jammer.

MAJ Brittingham, Electronic Maintenance Test/Instrumentation Branch, attended a TRADOC Instrumentation Requirements meeting at Fort Hood, TX, 22-26 May.

COL Bonifacio attended the TRADOC Test Activities Commanders/Presidents Meeting on 17 May prior to attending the Combat Developments Conference on 18-19 May.

A briefing was presented to Board personnel by ARI on their organization and night vision goggles on 2 June.

An update briefing on J-CATCH was presented to BG Patterson, USAAVNC, on 12 June.

Personnel from General Dynamics Corporation visited the Aviation Board on 13 June to discuss Stinger Missiles with J-CATCH personnel.

MAJ Ron Hall, Canadian Liaison Officer designee to USAAVNC, visited the Board on 13 June for an office visit with the Board President. He was accompanied by MAJ Foster, the present Canadian LNO.

1LT Pahlavi, Iranian Army, visited the Aviation Board on 22 June for an office visit with the Board President and a tour of facilities.

Mr. Bernard, PL 313, Office of Secretary of Defense for Research and Engineering Land-Warfare, and BG Woodmansee, Assistant DCSCD, TRADOC, visited the Board on 28 June for an office visit with the Board President; they received the Board and J-CATCH briefings.

LTC Neuwien and MAJ Glance, Major Systems Test Division, briefed BG Doyle, Assistant Commandant, Armor School, Fort Knox, 21 June on J-CATCH. During the same trip a meeting was held between CACDA, the Aviation Board, and the Directorate for Armor Aviation, Armor School, to finalize the scenarios and tactics for Phase II.

Test Design Plan for the High Performance Utility Helicopter Hoist was mailed to USATRADOC on 10 June.

MAJ Gordon attended a Black Hawk Test schedule coordination meeting at the Black Hawk PM Office, AVRADCOM, St. Louis, MO, on 14 June. A test schedule was agreed upon by all interested activities in attendance.

CPT Bridgers and CW4 Maxwell attended and represented the USAAVNBD at an AH-1FS TIWG conducted on 19 and 20 June at Fort Rucker by PM TRADE.

CPT Bridgers met with MAJ Gipson, DCSOPS-AVN, FORSCOM, on 19 June to discuss the FORSCOM participation in the AH-1FS OT II.

Mr. George Slagley, Technical Advisor, represented the Board at the Air Defense Artillery Threat Simulator (ADATS) Requirements Review meeting at Fort Bliss, TX, 27-29 June.

MAJ Joseph Saul, 902d MI Group, Atlanta Field Office, visited the Board on 13 July for an office call on the Board President and to receive the Board briefing.

COL Bonifacio and MAJ Brittingham were TDY 17-18 July to Fort Leavenworth, KS, to brief LTG Thurman and BG Mahaffey on the Army Aviation Instrumented Range Proposal - Double "T" Concept.

The Board briefing was presented to CPT Speed and SFC Smith from Fort Ord, CA, on 24 July. They were visiting for approximately a three-week period to perform an Organizational Effectiveness Study of the Board.

The Board briefing was presented to the Aviation Commander's Readiness Course at the Aviation Center by MAJ Brittingham on 26 July.

A coordination conference was held on 12 July at Aberdeen Proving Ground, MD, with Ordnance Chemical Center and School (OCCS) and representatives of the Aviation Board (reference XM29 Protective Mask).

COL(P) Hemphill, Commander-designee of CDEC, visited the Board on 28 July for an office call on the Board President and to receive the Board briefing, Double "T" briefing, and J-CATCH briefing.

MAJ Waldran, TRADOC, and MAJ Cramer, T-School, visited the Board on 31 July. They received the Board briefing and discussed test slippage with appropriate Board personnel.

A TIWG was held on 11 July at Aberdeen Proving Grounds, MD, with Chemical Systems Laboratory and representatives of the USAAVNBD (reference XM29 Protective Mask).

LTC Neuwien and MAJ Glance briefed BG Mahaffey and the CACDA division chiefs on J-CATCH on 6 July at Fort Leavenworth, KS.

LTC Neuwien and MAJ Swinehart attended a J-CATCH meeting 18-20 July at TFWC, Nellis AFB, to rewrite the J-CATCH master plan and discuss status of J-CATCH Phases II, III, and IV.

LTC Neuwien attended a meeting at TAC HQ, Langley AFB, on 26 and 27 July to coordinate the threat tactics with the Air Force and the intelligence community as represented by DIA, NSA, TAC, INSCOM, AVRADCOM, and TRADOC.

MAJ Glance briefed the TRADOC ALPO on 28 July concerning ACE Phase I results and J-CATCH plans and status.

The Board briefing was presented to COL Keith L. Comstock, Director of Combat Support Systems Material Test Directorate, USATECOM, APG, MD, on 3 August.

COL Bonifacio and MAJ Brittingham were TDY to TCATA, Fort Hood, TX, 2-4 August to brief on the Double "T" Concept, Army Aviation Instrumented Range.

Chaplains McMinn and Easley, USAAVNC, and COL Powell, new DTD, visited the Board on 10 August for an office call on the Board President and to receive the Board briefing, J-CATCH, and Double "T" briefings.

MG Meyer, CG, Ballistic Missile Defense System Command/Ballistic Defense Program Manager, Huntsville, AL, received the Board briefing, J-CATCH, and Double "T" Concept Army Aviation Instrumented Range briefings on 17 August.

The ACE/J-CATCH briefing was presented to MG Powers, CDR, TECOM, on 24 August.

Mr. Phil Norwine, Bell Helicopter Representative, visited the Board on 24 August for an office call on the Board President.

BG Ghafari, Deputy Imperial Iranian Army Aviation Officer, visited the Board on 30 August and received the Board briefing and J-CATCH briefing.

J-CATCH pilots received Stinger training at Fort Bliss, TX, on 9 August.

J-CATCH personnel visited and were briefed by the Stinger contract and installation personnel on 13 August.

J-CATCH personnel gave first TOW personnel a TOW-Cobra familiarization briefing on 14 August.

J-CATCH personnel briefed PM Stinger on 16 August and received Stinger training in the simulator/trainer.

MAJ Swinehart presented the Board briefing and an overview of OT to the ORSA course at Fort Lee, VA, on 23 August.

LTC Neuwien, MAJ Glance, and MAJ Dickens briefed CG, Fort Campbell, III Corps, and the test directorate for Black Hawk on the Black Hawk OT IIA on 29 and 30 August.

USAAVNBD personnel underwent Instructor/Key Personnel training at Yuma Proving Ground, Yuma, AZ, on the AH-1 Weapons Subsystems from 24 July to 18 August.

Black Hawk coordination meeting was held at the USAAVNBD on 16 August between MAJ Dickens, USAAVNBD, and Mr. Dick Gile, Black Hawk PMO.

LTC Rhodes, USAAVNBD, and COL Barrett, OTEA, visited Fort Hood, TX, for coordination/observation of the OH-58C IOC/FDTE on 24 August.

CW3 Dize was TRADOC representative to demonstration of the XM29 Mask at Los Angeles, CA, on 31 August.

The Board briefing was presented to 47 flight surgeons on 7 September.

BG Carl H. McNair, Deputy Director of Requirements and Army Aviation Officer, ODCSOPS, DA, visited the Board on 11 September for an office call with the Board President and to receive the Board briefing, J-CATCH, and Double "T" briefings. He was accompanied by COL Maddox and MAJ Ballard.

COL Douglas Farmer, TECOM IG, visited the Aviation Board on 13 September for an office call with the Board President.

COL Ellis D. Parker, Special Assistant to Commander/Deputy Commander, USAAVNC, visited the Board on 18 September for an office call with the Board President and to receive the Board briefing.

A team from the Test and Evaluation Command, consisting of Mr. David Hillman, Mr. Ray Brownley, and Mr. Alfred Edwards, visited the Board on 20 September to receive the Board briefing and to discuss DT/OT differences/workload with Board division chiefs.

COL Harold L. Rose, Director of Armor Avation, Fort Knox, KY, visited the Board on 21 September to receive the Board briefing, J-CATCH, and Double "T" briefings.

Mr. Joe Houston, Applied Technology, visited the Board on 28 September for an office call with the Board President.

On 7 September MAJ Glance briefed ACE/J-CATCH to Aircraft Systems Integration Group, AVRADCOM.

On 15 September two Air Force UH-1Ns and one CH-3E arrived at Fort Rucker to have the instrumentation installed for J-CATCH. Work started as scheduled on 18 September and a work stoppage occurred on 22 September due to lack of Air Force supplied parts.

On 23 September LTC Neuwien briefed ACE/J-CATCH to the McDill Air Force Base Army's AAAA chapter quarterly meeting.

On 25 September Emerson Corporation personnel arrived to install their Mini-TAT system on the Air Force helicopter.

On 7 September Board personnel attended a briefing at the MTD Hangar presented by MAJ Rick Walker of the Black Hawk PMO on the 18 May 1978 accident of the Black Hawk aircraft.

Aviation Board representatives attended Black Hawk Flight Simulator Meeting in Binghamton, NY, on 12-14 September.

Aviation Board representatives attended Black Hawk TIWG XIV meeting in West Palm Beach, FL, on 19-20 September.

COL Christopher, new Director, DIO, USAAVNC, visited the Board on 5 October for an office call with the Board President and to receive the Board briefing.

COL Waldron, new Commander, USAAAVS, visited the Board on 5 October for an office visit with the Board President.

Board briefing was presented to members of The Technical Cooperation Program (TTCP) on 6 October. They were escorted by LTC Burke, HQDA.

COL Bonifacio and MAJ Brittingham were TDY to Washington, DC, 10-15 October, to brief BG McNair, ODCSOPS, on AAIR Double "T" Concept; and to attend the AAAA Convention.

COL Bonifacio and MAJ Brittingham were TDY to TRADOC, 16-19 October, to brief MG Seigle, DCS Training, MG Merryman, COL Delamain, and COL Snyder on AAIR Double "T" concept and other test projects.

Board briefing was presented to German Delegation Group on 17 October 1978.

MAJ Carr and CPT Trinidad, from Resource Management Office at TRADOC, visited the Board on 19 October 1978 for an orientation visit and to receive the Board briefing.

LTC Richard G. Eccles, new British Liaison Officer at USAAVNC, visited the Board on 26 October for an office visit with the Board President and to receive the Board briefing.

Representatives from USAAVNBD attended a meeting in St. Louis, MO, on RAM Failure Definition/Scoring Criteria for Black Hawk IOC/FDTE 4-6 October.

USAAVNBD representatives attended the Airborne/Aviation Board Interface Coordination Meeting for Black Hawk IOC/FDTE in St. Louis, MO, 10-12 October.

Aviation Board representative attended briefing presented to TSM-ASH Study Group by AEFA on tests of the OH-58C, 11 October.

Mr. Dick Gile, TSM Black Hawk, Fort Benning, GA, gave update briefing on Black Hawk to USAAVNBD personnel on 20 October 1978.

USAAVNBD representative attended Progress Review of AH-1FS in Orlando, FL, 24 October.

LTC Hugh Rhodes attended Aviation Support Systems Conference, 24-26 October, at Fort Eustis, VA.

On 25 October Aviation Board representatives attended a DA Instrumentation Conference at Yuma, AZ. MAJ Brittingham briefed the Double "T" concept to all attendees.

On 25 and 26 October 1978, LTC Neuwien attended a meeting at TFWC, Nellis AFB, NV, to discuss detailed plans for J-CATCH Phase III and general plans for Phase IV.

On 27 October 1978 all instrumentation of Army J-CATCH helicopters was completed.

On 30 October 1978 all instrumentation of Air Force J-CATCH threat helicopters was completed.

Board briefing was presented to COL Deel, Director of Aero Lab and R&D Lab, Ames, Moffett Field, CA, on 1 November.

Board briefing was presented to LTC Frazer, Mr. Vause, and Mr. Law of AVRADCOM on 1 November.

BG Patterson, the TSM-A, and the TSM-ASH were given an updated status of J-CATCH Phase II and a tour of J-CATCH facilities on 6 November prior to conducting formal "kick-off" of project on 7 November. Foreign liaison officers received an unclassified briefing on J-CATCH instrumentation on 9 November.

Briefing on Double "T" Instrumented Range was presented by General Dynamics personnel on 29 November.

Commander, USAAVNC, and Commander, 1st Aviation Brigade, visited J-CATCH's area of operations and personally observed tactics development on 21 November.

COL Wingate, Director of Evaluation and Standardization, USAAVNC, received an update status and instrumentation techniques developed for J-CATCH on 16 November.

COL Anderson, TAC, USAF J-CATCH project officer, visited the Aviation Board and J-CATCH, 27-30 November.

MAJ Brittingham was TDY to Falls Church, VA, 12-14 November, to brief MG Kirwan, OTEA, on Army Aviation Instrumented Range (Double "T" concept).

USAAVNBD representative attended Black Hawk RAM Coordination Meeting on 7 November at St. Louis, MO.

USAAVNBD representative attended Black Hawk Aircraft System, Combined Integrated Support Management Team Meeting in Norwalk, CT, 14-16 November.

USAAVNBD representatives completed AH-1S (MOS) 2.75 Inch Rocket Firing with Heads Up Display (HUD) on 17 November.

USAAVNBD representative completed Basic Management Functions Course in Atlanta, GA, on 1 December.

Board representative attended Staff Planners' Conference for AH-1 Modernized Cobra at Fort Eustis, VA, 11-15 December.

Board representative attended Black Hawk TIWG XV meeting at Jupiter, FL, on 20 and 21 December.

Dr. Crisman, Tech Advisor to General Starry, Commander, TRADOC, visited the Board on 3 December to receive J-CATCH briefing.

MG Todd, Commander, TCATA, visited the Board on 7 December and was given Board briefing and briefing on Instrumented Double "T" concept.

The USAAVNBD Quarterly R&A was held on 14 December.

USAEPG Loral and EWL personnel visited USAAVNBD 4-9 December to review AN/APR-39(V)2 tapes in an attempt to determine specific problems with equipment.

Continuation of data gathering flight test events for J-CATCH, Phase II, 1-9 December.

Completion of last flying event for J-CATCH, Phase II, 10 December.

Test participants, J-CATCH, departed Fort Rucker and summary analysis of Phase II data conducted, 11-18 December.

Quick Look Report J-CATCH, Phase II (U), completed and distributed, 19 December.

Ongoing detailed analysis of J-CATCH, Phase II data, and preparation for Phases III and IV, 20-31 December.

MG Merryman was briefed by LTC Neuwien and MAJ Swinehart on the J-CATCH program with emphasis on the emerging results from Phase II, 22 December.

MAJ Landon and MAJ Glance received the Soldier's Medal on 15 December.

GENERAL COMMENTS:

The Aviation Board is collocated with the United States Army Aircraft Development Test Activity (ADTA) at Cairns Army Airfield (AAF). This collocation enables combining of multiple test projects on a single airframe, thereby saving time, money, and manpower resources. Also, the joint sharing of photo optics facilities, hangar space, aircraft, and other resources further contributes to a cost effective operation.

Many of the Board's tests are conducted at other sites such as Yuma Proving Grounds, Fort Bliss, Eglin Air Force Base, and at other threat simulators for training and testing purposes.

A major effort is underway to design and build an instrumentation capability to include threat simulators at Fort Rucker.

Personnel turbulence has been a concern to mission accomplishment and operations' continuity since activiation. Personnel turnovers included 26 military and nine civilians during 1978. Current operational strength includes four temporary clerk-typists and three student aides to compensate for personnel shortages.

A proposed TDA change was submitted to TRADOC 1 July 1977 and approved. The new approved TDA was implemented 1 October 1978, which will enable the USAAVNBD to more effectively accomplish the mission.

A Reliability, Availability, and Maintainability (RAM) cell has been implemented this calendar year to better enable the Aviation Board to accomplish RAM testing functions.

A TRADOC manpower survey was conducted this year. The survey team recognized 31 additional spaces to meet the Board's workload without a corresponding increase in personnel authorizations. This personnel void will cause operational tests to be delayed to subsequent fiscal years.

US ARMY AVIATION BOARD

ORGANIZATIONAL DIRECTORY
10 July 1978
PREPARED BY
ADMIN SPT DIVISION

PRESIDENT
ATZQ-OT

COLONEL ROBERT A. BONIFACIO		2179/1
EXECUTIVE OFFICER	LTC BURKHALTER	2179/3
AC MAINT SR/SGT/EVAL	SGM LISENBY	5402/3
AEROSPACE ENGR	G. SLAGLEY	6017/20 (1) 6017/5 (2)
SECY STENO	A. CASKEY	2179/3

HEADQUARTERS COMPANY
ATZQ-OT-H

COMMANDER		3803
1SG	SFC GRIFFIN	3803
UNIT CLERK	PFC GONZALEZ	3803

ADMINISTRATIVE SUPPORT DIVISION
ATZQ-OT-S

CHIEF	LTC CHESSER	3479/21 (1)
CLERK STENO	P. LEWIS	3479

ADMIN BRANCH
ATZQ-OT-S

CHIEF ADMIN NCO	SFC FLINNER	3479/0 (1)
SCTY CON SP	SP5 GRAVES	3479
GEN CLERK	SP4 MYLES	
COMPUTER SPEC	N. LOCKLAR	3479/24 (1)
COMPUTER SPEC	E. JOHNSON	3479/24 (1)
TECH PUB WRITER	J. GLOWACZ	3803/7 (1)
CLERK TYPIST	J. SNELLGROVE	3803
CLERK TYPIST		

TEST SPT BR
ATZQ-OT-SL

SR TEST SPT OFF	MAJ PATTERSON	3685/27 (1)
TEST SPT OFF		
SUPPLY SGT	SSG HAYNES	3685/27 (1)
GEN SUP	SGT GILES	3685/27 (1)
CLERK TYPIST	SP4 SCHNEIDER	3685/27 (1)
EQUIP SPEC	H. RILEY	3685/27 (1)

TEST CONCEPT AND OPERATIONS DIVISION
ATZQ-OT-C

CHIEF		6578/4 (1)
CLERK STENO	B. LAM	6578/5 (1)

TEST OPERATIONS BRANCH
ATZQ-OT-CO

SR TEST OPNS OFF	MAJ LANDON	6578
TEST OPNS COORD	CPT ROTOLO	6578/28 (1)
TEST OPNS COORD	CPT FOUCHE	6578/28 (1)
TEST OPNS COORD		
OP NCO	SGT HAWKINS	6578/28 (1)
SILENT MOPIC PHOTO	PVT REDMAN	5903
PHOTO (MOTION PIC)	J. T. NELSON	5903
ILLUS (TECH EQUIP)	W. JACOBS	5903
PHOTO	L. RICKMAN	5903

CONCEPT AND METHODOLOGY BRANCH
ATZQ-OT-CM

SR CONCEPT & METH OFF	LTC ROSS	6578/22 (1)
OP RESEARCH ANAL	J. DEES	2875/26 (1)
ENGR PSYCH	L. HARRISON	2875/26 (1)
ELCT ENGR	B. BULLER	2875/28 (1)
ELCT ENGR	J. ANDERSON	2875/8 (1)
AEROSPACE ENGR	R. MILLER	2875/8 (1)
MATH STAT	E. DOMIASCH	6578/25 (1)

ELECTRONIC SYSTEMS TEST DIVISION
ATZQ-OT-E

CHIEF	LTC PRICE	3683/6 (2)
CLERK STENO	J. DOTSON	3683/7 (2)

ELECTRONIC SYSTEMS TEST BRANCH
ATZQ-OT-ES

CHIEF	MAJ MILLER	4677/8 (2)
TEST PROJ OFF	CPT COFF	4278/9 (2)
TEST PROJ OFF	CPT MERKEL	4677/0 (2)
TEST PROJ OFF	CPT JONES	3690 (2)
TEST PROJ OFF		
TEST PROJ OFF		
TEST PROJ OFF		
EQUIP SP (ELCT)		

ELECTRONIC MAINT TEST/INST BRANCH
ATZQ-OT-EM BLDG AB 104

CHIEF	MAJ BRITTINGHAM	6115
AVIONICS PROJ OFF	CW3 NIETZOLD	6115
PROJECT NCO	SFC GIRDLEY	6115
PROJECT NCO		
PROJECT NCO	SSG HOWARD	3892
PROJECT NCO	SP6 AGOSTO	3892
PROJECT NCO		
PROJECT NCO	SP5 GRIMSLEY	3892
PROJECT NCO	SP4 FLEMING	3892
PROJECT NCO	SP5 STANLEY	3892
PROJECT NCO	SP5 MORRIS	3892
PROJECT NCO		
ELCT TECH	J. LEDDON	4916
EQUIP SP (ELCT)	L. LAMKIN	4916
ELEC MECH	K. HICKS	4916
	SSG WILLIAMS	4916
	SP6 ROSADO	4916
	PFC BEELER	4916

AIRCRAFT SYSTEMS TEST DIVISION
ATZQ-OT-A

CHIEF	LTC RHODES	6081/25 (2)
CLERK STENO	C. FUDGE	6081/24 (2)

UTILITY/CARGO BRANCH
ATZQ-OT-AU

SR TEST PROJ OFF	MAJ DICKENS	2882/29 (2)
TEST PROJ OFF		2882/29 (2)
TEST PROJ OFF		2882
TEST PROJ OFF		
TEST PROJ OFF		
TEST PROJ OFF		
ACFT MAINT EVAL		
AC MAINT TECH/EVAL	CW3 DIZE	2882/29 (2)
PROJECT NCO	SSG ASHBURN	2882/29 (2)
PROJECT NCO	SFC WILSON	2882/29 (2)
AIRPLANE TECH INSP	SSG THORESON	2882/29 (2)
UTIL HEL TECH INSP		
UTIL HEL TECH INSP	SSG PAYNE	2882/29 (2)
UTIL HEL TECH INSP	SGT MAJOR	2882/29 (2)
MED HEL TECH INSP	SSG PRINCE	2882/29 (2)
MED HEL TECH INSP		
HVY LIFT HEL TC IN		
CLERK TYPIST	PVT MOORE	2882/29 (2)
EQUIP SP (ACFT)	D. TORRENCE	2882/29 (2)

SCOUT/ATTACK BRANCH
ATZQ-OT-AS

SR TEST PROJ OFF	CPT MOUNT	6082/27 (2)
TEST PROJECT OFF	CPT SWINEHART	3682/26 (2)
ARMT PROJECT OFF		3682/26 (2)
TEST PROJECT OFF	CPT BRINGERS	6082/21 (2)
TEST PROJECT OFF	CPT REESE	6082/21
TEST PROJECT OFF		
ARMT TEST PROJ OFF	CW4 MAXWELL	6494
PROJECT NCO	SFC TANNER	3682/26 (2)
PROJECT NCO		
HEL MSL SYS REP/IN	SGT OLIVER	3682/26 (2)
PROJECT NCO	SSG MCNABB	3682/26 (2)
HEL WPN SYS REP/IN	SGT LOPEZ	3682/26 (2)
HEL WPN SYS REP	SP4 ALLDRIDGE	3682/26 (2)
EQUIP SP (ORD)		
CLERK STENO	M. MORRIS	6082/27 (2)
	SGT KIMBLE	

MAJOR SYSTEMS TEST DIVISION
ATZQ-OT-MS

CHIEF	LTC NEUWIEN	6083/23
CLERK STENO	P. PIERCE	6083/23

J-CATCH BRANCH
ATZQ-OT-MS-J

SR TEST PROJ OFF	MAJ GLANCE	6083/23
TEST PROJ OFF	MAJ SWINEHART	6083/23
TEST PROJ OFF	CPT BAKER	5303
TEST PROJ OFF	CW4 BAKER	5303
TEST PROJ OFF	CW4 HITCH	5303
TEST PROJ OFF	CW4 OVNIC	5303
TEST PROJ OFF	CW3 PARK	5303
TEST PROJ OFF	CPT HOLTZ	6083/23
TEST PROJ OFF	CPT LAM	5303
TEST PROJ OFF	CPT BENTLEY	5303
TEST PROJ OFF	CW3 ALLMAN	5303

RESOURCE MANAGEMENT DIVISION
ATZQ-OT-R

SUPV BUDGET ANAL	B. TINDELL	3794/6 (1)
PROG ANAL		
BUDGET ANAL	C. JACOBS	3794/6 (1)
TEST MGT SPT OFF	J. SIMPSON	3794/6 (1)
BUDGET ANAL		
PROG-BUD ASST	S. HALL	3794/6 (1)
BUDGET CLERK	G. TRUMAN	3794/6 (1)
ACCTG CLERK (TYP)	J. ROBERTS	3794/6 (1)
CLERK STENO	B. PETERS	3794/6 (1)

TRADOC SYSTEM MANAGER - ATTACK HELICOPTER

MISSION:

Conducts total system management for attack helicopters within TRADOC. Insures that the user total system efforts are developed and fully integrated early and continuously throughout the development and deployment cycle. Discharges the user's responsibilities in the development, testing, and training and in coordination with the gaining commands, fielding of the AAH system and the AH-1.

The TSM is responsible for:

All user actions as delineated in appropriate Army and TRADOC regulations and amplified in DA Pam 11-25. In particular, the TSM insures that plans for training, personnel, logistical developments, and new doctrine/tactics are timely and fully integrated into the materiel development program.

Primary user interface with the Project Manager (PM) AAH and Project Manager (PM) Cobra.

Supervising, coordinating, and/or participating in the preparation and/or revision of appropriate materiel requirements documentation, development plans (training, personnel, and logistics), and testing plans.

Coordinating user evaluation of all Equipment Performance Reports (EPR) and subsequent proposals for changes to attack helicopters and their relative priorities.

Insuring that all engineering change proposals (ECP) and other vendor or PM systems trade-off proposals are compatible with user requirements.

Participating in the contractual actions of the PMs to insure compatibility with user requirements.

Preparing the TRADOC position and participating in all decision reviews (IPR/ASARC/DSARC) for attack helicopters.

Primary user representation in all studies, evaluations, and other efforts supporting development/deployment of attack helicopters.

Defending system requirements at all levels of the DOD and Congress as directed.

Acting as chairman or co-chairman of all established attack helicopter TRADOC/DARCOM joint working groups.

Insuring development of training literature, individual and collective training programs, courses, instructional media, crew and unit evaluation documents, and devices needed to support attack helicopter systems in the institution/unit training environment and in the field.

Insuring development of training standardization, to include participation with DARCOM/PMs in Skill Performance Aids (SPA), to insure that requirements are clearly stated for attack helicopters.

Monitoring and/or participating in the budgetary process that impacts upon the functions of training, logistics, personnel, hardware, doctrine, tactics, and testing.

Developing of input to the TRADOC Program Analysis Resource Review (TPARR).

Maintaining and coordinating schedules for test, COEA, CTEA, and related special study efforts for update of the PM's master schedules.

INTERFACE AND PARTICIPATING ORGANIZATIONS:

Interface organizations. The TSM is authorized to coordinate directly with the following organizations on matters relating to the AAH system:

HQDA
HQ TRADOC
USADARCOM PM & MASUBCOM
USAOTEA
USAMACOM (USAFORSCOM, USAREUR, USAEIGHT)
CDR MILPERCEN
Other Services as Required

Participating organizations. TRADOC schools, integrating centers, test organizations, and other activities will provide support to the TSM in accordance with TRADOC regulations, directives, and policy/procedures documents.

PERSONNEL:

The TSM-AH Office was established at Fort Rucker, AL, on 5 July 1977. Current staffing for the TSM Office is one colonel (06), two lieutenant colonels (05), two majors (04), one civilian GS-13 Aerospace Engineer, and one civilian clerk-stenographer. Staffing of one of the commissioned officers (04 - assistant TSM Test/Evaluation) and the civilian GS-13 Aerospace Engineer has been provided by Commander, US Army Aviation Center. Personnel assigned are as follows:

Position	Personnel
TSM	COL Robert W. Mills
ASST TSM (TNG)	LTC Joseph U. Moffett
ASST TSM (PERS)	LTC Gerald T. Hipp
ASST TSM (LOG)	MAJ Charles C. Crowley
ASST TSM (T&E)	MAJ Joseph E. Beach
AEROSPACE ENGINEER	Mr. Donald R. Artis, Jr.
SECY/STENO	Mrs. Shirley M. Ray

Personnel changes in 1978 were:

Name	Arrival	Departure
COL Mills (TSM)	28 Aug 78	
Mr. Artis	1 Oct 78	
COL Bahnsen (TSM)		18 Aug 78

ACCOMPLISHMENTS:

AH-64 Engineering Development Test-1 (EDT-1), April 1978

Training Courses Attended:

AH-64 EDT-1 Ground School, March 1978
HELLFIRE Staff Planners Course, June 1978
AH-64 Staff Planners Course, Culver City, CA, November 1978

Conferences Meetings Attended:

AH-64

Airframe, Hydraulics, and Landing Gear CDR, January 1978
Test Integration Work Group (TIWG), March and September 1978
Logistic Support Analysis Record, July 1978
Integrated Logistics Support Management Team, August 1978
Weapon System Critical Design Review, August 1978
Combat Mission Simulator RFP Review, September 1978
Training Devices Preliminary Design Review (PDR)/Critical Design Review (CDR), December 1978
Boresight CDR, December 1978

AH-1

User Conference, April 1978
Logistics Conference, May 1978
Enhanced Cobra Armament System In-Process Review (IPR), November 1978

General (Attack Helicopter Generic)

Rationalization, Standardization, Interoperability Study Group, January 1978
TASVAL Test, February 1978 - delayed one year to February 1979
TASVAL (Tactical Aircraft Effectiveness and Survivability in Close Air Support Antiarmor Operations) Test Design Plan Meeting, June 1978
Attack Helicopter Operations and Analysis Group, July, September, October, November 1978
Automatic Test Equipment Conference, October 1978
FM 17-40 Workshop, October 1978
Armor Defeating Munitions Conference, November 1978

TRADOC SYSTEM MANAGER - ADVANCED SCOUT HELICOPTER

MISSION:

Conducts total systems management for the advanced scout helicopter and all generic scout helicopters (OH-58, OH-6) within TRADOC. Insures that the user total system efforts are developed and fully integrated early and continuously throughout the development and deployment cycle.

The TSM is responsible for:

All user actions as delineated in appropriate Army and TRADOC regulations and amplified in DA Pamphlet 11-25. In particular, the TSM will insure that plans for training, personnel, logistical developments, and new doctrine/tactics are timely and fully integrated into the materiel development program.

Primary user interface with the US Army Aviation Research and Development Command (USAVRADCOM) and the Project Manager (PM), ASH system (when established).

Supervising, coordinating, and/or participating in the preparation and/or revision of appropriate materiel requirements documentation, development plans (training, personnel, and logistics), and testing plans.

Coordinating user evaluation of all Equipment Performance Reports (EPR) and subsequent proposals for changes to the ASH and OH-58 systems and their relative priorities.

Insuring that all engineering change proposals (ECP) and other vendor or materiel developer tradeoff proposals are compatible with user requirements.

Participating in the contractual actions of the materiel developer to insure compatibility with user requirements.

Preparing the TRADOC position and participating in all decision reviews (IPR/ASARC/DSARC) for the ASH system.

Defending system requirements at all levels of the DOD and of Congress as directed.

Acting as chairman or co-chairman of all established ASH system TRADOC/DARCOM joint working groups.

Primary user representation in all studies, evaluations, and other efforts supporting development/deployment of the ASH system.

Insuring development of training standardization, to include participation with DARCOM/PM in Integrated Technical Documentation and Training (ITDT), to insure that requirements are clearly stated for the ASH system.

Monitoring and/or participating in the budgetary process that impacts upon the functions of training, logistics, personnel, hardware, doctrine, tactics, and testing.

Developing of input to the TRADOC Program Analysis Resource Review (TPARR).

Maintaining and coordinating schedules for test, COEA, CTEA, and related special study efforts for update of the ASH system master schedule.

Insuring that reports on the progress of the ASH system are provided as required by this charter, and notifying the Commander, US Army Aviation Center, and the Commander, TRADOC, when it appears that any approved program threshold has been or is forecast to be breached.

PERSONNEL:

Office became fully staffed 26 June 1978 when Mr. Ralph Fico accepted the Aeronautical Engineer position (GS-13, 00861). TSM-ASH office personnel on board to date are:

TSM - COL George W. Shallcross, Armor

Assistant TSM, Training/Personnel - LTC Lawrence B. Moeller, Infantry

Assistant TSM, Logistics - MAJ Vincent P. Mancuso, Infantry

Assistant TSM, Doctrine, Tactics, and Testing - MAJ Michael F. McClellan, Armor

Aeronautical Engineer - Mr. Ralph C. Fico, GS-13

Clerk Stenographer - Mrs. Betty J. Garbarini, GS-4

Departures:

MAJ H. D. Pierce departed PCS to attend C&GSC in June 1978.

Mrs. Marian G. Young departed September 1978.

Arrivals:

CPT Michael F. McClellan was assigned in June 1978 as Assistant TSM ASH for Doctrine, Tactics, and Testing.

Mr. Ralph Fico, GS-13, was assigned to fill the vacant Aeronautical Engineer position, 26 June 1978.

Mrs. Betty J. Garbarini was assigned as the Clerk Stenographer in October 1978.

ACCOMPLISHMENTS:

The revised ASH ROC incorporating DA staff recommended changes was completed 11 January 1978 and returned to HQDA for approval.

The TSM ASH and/or assistants participated in numerous ASH and OH-58 development meetings, conferences, working groups, and tactics developments and evaluations with the major commands and organizations as follows:

HQ Department of the Army (DA)
HQ US Army Training and Doctrine Command (TRADOC)
HQ Tactical Air Command (TAC)
HQ North Atlantic Treaty Organization (NATO)
HQ US Army, Europe (USAREUR)
HQ US Army Forces Command (FORSCOM)
HQ US Army Materiel Development and Readiness Command (DARCOM)
HQ US Army Aviation Research and Development Command (USAVRADCOM)
HQ US Army Troop Support and Aviation Materiel Readiness Command (TSARCOM)
HQ US Army Transportation Center (USATC)
HQ 6th Air Cavalry Brigade (ACCB)
HQ US Army Training Support Center (USATSC)
US Army Administration Center and Fort Benjamin Harrison (USAADMINCEN)
HQ US Army Combined Arms Center (USACAC)
HQ US Army Applied Technology Laboratory (USAATL)
HQ US Army Logistics Center (USALOGC)
HQ US Army Armor Center (USAARMC)
HQ US Army Concept Analysis Agency (USACAA)
HQ US Army Field Artillery Center (USAFAC)

ASH BRIEFING PRESENTED TO ORGANIZATIONS/ACTIVITIES/AGENCIES:

Aviation Commanders' Readiness Course, Fort Rucker, AL, 16 January 1978

Aeroscout Class #77-35/36, Fort Rucker, AL, 30 January 1978

Aeroscout Class #77-37/38, Fort Rucker, AL, 16 February 1978

Congressman Lloyd, District 22 California, Fort Rucker, AL, 24 February 1978

Mr. Stupelnagel, Hughes Helicopter, Fort Rucker, AL, 1 March 1978

Aeroscout Class #77-39/40, Fort Rucker, AL, 2 March 1978

Aviation Commanders' Readiness Course, Fort Rucker, AL, 3 March 1978

Aeroscout Class #77-41/42, Fort Rucker, AL, 13 March 1978

Congressman Dickinson, Alabama, Fort Rucker, AL, 27 March 1978

NGB and Army Reserve Personnel, Fort Rucker, AL, 8 April 1978

MG Vinson, DCSRDA, HQ DA, Washington, DC, 11 April 1978

Aeroscout Class #77-45/46, Fort Rucker, AL, 12 April 1978

AAAA, Fort Eustis, VA, 20 April 1978

Aeroscout Class #77-47/48, Fort Rucker, AL, 26 April 1978

BG Cannet, Director of French Armed Forces Aviation, Fort Rucker, AL, 8 May 1978

COL Barber, Commander, British Army Staff, British Embassy, Washington, DC, Fort Rucker, AL, 22 May 1978

Armor Conference, Fort Knox, KY, 24 May 1978

AAAA Regional Convention, Savannah, GA, 26 May 1978

Aeroscout Class, #78-3/4, Fort Rucker, AL, 13 June 1978

Aviation Commanders' Readiness Course Class #78-9, Fort Rucker, AL, 27 June 1978

Aeroscout Class #78-5/6, Fort Rucker, AL, 27 June 1978

Aeroscout Class #78-7/8, Fort Rucker, AL, 10 July 1978

LTG (Ret) Cooksey, Fort Rucker, AL, 12 July 1978

Arkansas NG Aviators, Fort Rucker, AL, 19 July 1978

Aeroscout Class #78-9/10, Fort Rucker, AL, 25 July 1978

Aviation Commanders' Readiness Course Class #78-10, Fort Rucker, AL, 26 July 1978

Aeroscout Class #78-11/12, Fort Rucker, AL, 7 August 1978

Aeroscout Class #78-13/14, Fort Rucker, AL, 23 August 1978

Quadripartite Working Group Conference, Fort Rucker, AL, 25 August 1978

Aviation Commanders' Readiness Course Class #78-11, Fort Rucker, AL, 25 August 1978

COL Parker, Special Assistant to Deputy Commander, USAAVNC, Fort Rucker, AL, 13 September 1978

Aeroscout Class #78-17/18, Fort Rucker, AL, September 1978

FORSCOM Aviation Conference, Atlanta, GA, 21 Septemner 1978

COL Rose, Director, USAARMC Armor Aviation Directorate, Fort Rucker, AL, 22 September 1978

Aviation Commanders' Readiness Course Class #78-12, Fort Rucker, AL, 26 September 1978

MAJOR CONFERENCES/WORKING GROUPS/SYMPOSIUMS ATTENDED:

Rationalization, Standardization, and Interoperability (RSI) Committee Task Force, St. Louis, MO, 3 January - 10 March 1978

ASH Parametric Design Studies, Ames Research Center, San Jose, CA, 12 January 1978

AVRADCOM MMS Briefing, Fort Rucker, AL, 13 January 1978

USASIGC Avionics Maintenance Conference, Fort Gordon, GA, 24-25 January 1978

RSI Briefing Deputy Commander, DARCOM, Washington, DC, 30 January 1978

RSI Briefing Commander, TRADOC, and Commander, DARCOM, Washington, DC, 3 February 1978

RSI Briefing, DA Staff, Washington, DC, 6 February 1978

ATHELO/Air Ground Cavalry Study (SAG), Bethesda, MD, 7 February 1978

ASH Survivability Symposium, Fort Rucker, AL, 14-15 February 1978

TRADOC TSM Conference, Fort Monroe, VA, 16-17 February 1978

Composite State-of-the-Art Briefing, Applied Technology Laboratory, Fort Eustis, VA, 21 February 1978

USAFAC GLLD/AH Target Handoff Conference, Fort Sill, OK, 22 February 1978

Fort Knox ASH Pre-Briefing for Under Secretary of the Army, Fort Knox, KY, 22-23 February 1978

Tactical Air Power Subcommittee (SASC) Rehearsal Briefing, Washington, DC, 28 Feburary 1978

DARCOM Mast Mounted Sight (MMS) Update Briefing, Washington, DC, 1 March 1978

Hughes No Tail Rotor (NOTAR) Concept Briefing, Fort Rucker, AL, 1 March 1978

RSI Briefing, Under Secretary of the Army, Washington, DC, 10 March 1978

ASH Advanced Technology Briefing, Under Secretary of the Army, Washington, DC, 14 March 1978

Mast Mounted Sight (MMS) Briefing at DA, Washington, DC, 21 March 1978

RSI/DARCOM Advanced Technology Briefing, Dr. Perry, DOD, Director of Defense Research and Engineering, Washington, DC, 31 March 1978

Mast Mounted Sight (MMS) Letter of Agreement (LOA) Joint Working Group Meeting, Fort Leavenworth, KS, 3-6 April 1978

TRADOC ASH Effectiveness Meeting, Fort Monroe, VA, 19 April 1978

CAA ATHELO Study Update Meeting, Washington, DC, 19 April 1978

AUSA Future Army Operational Requirements Symposium, Fort Benning, GA, 24 April 1978

DARCOM Smoke-Obscurant/Electro-Optical Test and Evaluation Symposium II, Harry Diamond Lab, Adelphi, MD, 25-26 April 1978

Aircraft Reliability and Maintainability Simulation Model (ARMS) Briefing to USALOGC, Fort Lee, VA, 1 May 1978

TRADOC Organization Conference, Hampton, VA, 3-5 May 1978

Martin-Marietta Mast Mounted Sight (MMS) Briefing, Orlando, FL, 10 May 1978

Rockwell and Honeywell Mast Mounted Sight (MMS) Briefings for Commander, USAARMC, Fort Knox, KY, 16-17 May 1978

TRADOC Combat Development Conference, Fort Monroe, VA, 18-19 May 1978

Aviation Board Joint Countering (J-CATCH) Update Briefing, Fort Rucker, AL, 18 May 1978

Advanced Attack Helicopter (AAH)/Scout/HELLFIRE C^3 Conference, Redstone Arsenal, Huntsville, AL, 22 May 1978

TRADOC System Manager (TSM) Logistics Officer Conference, Logistics Center, Fort Lee, VA, 23-24 May 1978

User OH-58C and ASH Working Group Meeting, Fort Rucker, AL, 31 May - 2 June 1978

Aviation Employment Conference (AVNEC) Briefing for Retired General Officers, Fort Rucker, AL, 9 June 1978

DA ASH Pre-Briefings for Commander, USAAVNC, Office Calls with Congressmen Dickinson and Ichord, Washington, DC, 7-8 June 1978

Logistics Center, Reliability, Availability, Maintainability (RAM) and Cost Operational Effectiveness Analysis (COEA) Conference, Fort Lee, VA, 15-16 June 1978

Night Vision Laboratory (NVL), Mast Mounted Sight (MMS) Briefing, Fort Rucker, AL, 16 June 1978

DARCOM Suppression of Enemy Air Defense (SEAD) Symposium, Alexandria, VA, 20-21 June 1978

USAAVNC Air Defense Suppression Missile Briefing, Fort Rucker, AL, 23 June 1978

Project Manager (PM) Aircraft Survivability Equipment (ASE) APR-39 Training Device Briefing, Fort Rucker, AL, 26 June 1978

Rockwell Mast Mounted Sight (MMS) Briefing for Commander, USAAVNC, Fort Rucker, AL, 26 June 1978

USAAVNC Air Defense Suppression Missile (ADSM) and Army Program Review Briefing for Mr. Bernard, Deputy Secretary of Defense for Research and Engineering for Land Warfare, and BG Woodmansee, Deputy Director, TRADOC Combat Development Directorate, Fort Rucker, AL, 28 June 1978

ASH Effectiveness Criteria Working Group Meeting, HQ TRADOC, Fort Monroe, VA, 9-10 July 1978

ASH Concept Formulation Package (CFP) Initial Planning Meeting, Fort Rucker, AL, 11-13 July 1978

ATHELO Study Advisory Group (SAG) Meeting, HQ CAA, Bethesda, MD, 14 July 1978

ASH Concept Formulation Package (CFP) Management Planning Meeting, Fort Rucker, AL, 25 July 1978

AVRADCOM Coordination Meeting on ASH Concept Formulation Package (CFP) Cost Operational Effectiveness Analysis Update Study, St. Louis, MO, 29-30 July 1978

TRADOC ASH Criteria Effectiveness Meeting, Fort Monroe, VA, 8 August 1978

ASH Concept Formulation Package (CFP)/Cost Operational Effectiveness Analysis (COEA) Study Plan Meeting, Fort Rucker, AL, 9-11 August 1978

User OH-58C Initial Operational Capability (IOC) Force Development Test and Experimentation (FDTE), Fort Hood, TX, 22-25 August 1978

ASH Special Study Group (SSG) Briefing to BG McNair, DA Aviation Officer in ODCSOPS, Fort Rucker, AL, 11 September 1978

User OH-58C Status Meeting with TSARCOM Readiness Project Officer, Fort Rucker, AL, 26 September 1978

ASH DA Study Advisory Group (SAG) I Meeting, Washington, DC, 29 September 1978

Research and Development Agency Directors' Meeting, USAARL HQ, Fort Rucker, AL, 28 September 1978

TRADOC SYSTEM MANAGER - HELLFIRE MODULAR MISSILE SYSTEM (HMMS)

MISSION:

Conducts total system management for the HELLFIRE Modular Missile System within TRADOC. Insures that the user total system efforts are developed and fully integrated early and continuously throughout the development and deployment cycle. Acting for the Commander, USAAVNC, and Commander, TRADOC, discharges the user's responsibilities in the development, testing, training, and, in coordination with the gaining commands, fielding of the HELLFIRE system. In particular, insures that plans for training, personnel, logistics, testing, and new doctrine and tactics are timely and fully integrated into the materiel development program.

The TSM is responsible for:

Primary user interface with the Project Manager(PM), HELLFIRE system.

Supervising, coordinating, and/or participating in the preparation and/or revision of appropriate materiel requirements documentation, development plans (training, personnel, and logistics), and testing plans.

Coordinating user evaluation of all Equipment Performance Reports (EPR) and subsequent proposals for changes to the HELLFIRE system and their relative priorities.

Insuring that all engineering change proposals (ECP) and other vendor or PM HELLFIRE system trade-off proposals are compatible with user requirements.

Preparing the TRADOC position for and participating in all decision reviews (IPR/ASARC/ DSARC) for the HELLFIRE system.

Primary user representation in all studies, evaluations, and other efforts supporting development of the HELLFIRE system.

Defending or validating system requirements at all levels of the DOD and Congress as directed.

Insuring development of training literature, individual and collective training programs, courses, instructional media, crew and unit evaluation documents, and devices needed to support the HELLFIRE system in the institution/unit training environment and in the field.

Monitoring and/or participating in the budgetary process that impacts upon the functions of training, logistics, personnel, hardware, doctrine, tactics, and testing.

Maintaining and coordinating schedules for test, COEA, CTEA, and related special study efforts for update of the HELLFIRE system Master Milestone Schedule.

Insuring that reports on the progress of the HELLFIRE system are provided to appropriate agencies as required.

PERSONNEL:

COL Alman I. Butler served as TSM HELLFIRE during 1978.

LTC Morris D. Anderson served as Assistant TSM HELLFIRE, Test and Evaluation, during 1978.

MAJ Jeffrey H. Thomason, Assistant TSM HELLFIRE, Personnel and Training, departed 15 May 1978.

MAJ Brandon C. Weathers, Assistant TSM HELLFIRE, Personnel and Training, arrived 15 May 1978.

MAJ Alvin G. Hogsett served as assistant TSM HELLFIRE, Logistics.

ACCOMPLISHMENTS:

January 1978

TSM-HELLFIRE participated in the Low Cost Alternative Seeker (LOCALS) Program Review at Martin-Marietta 10-11 January 1978. Contract has been awarded to Martin-Marietta for competitive development of LOCALS as an alternative to the Tri-Service Seeker.

TSM-HELLFIRE office briefed GAO Audit Team 10 January 1978.

LTC Anderson, Assistant TSM-Testing, attended joint DARCOM-TRADOC Working Group meeting 13 January 1978 at MIRADCOM to identify additional testing and analysis requirements on the effects of battlefield atmospheric obscurants as they relate to AAH, TADS/PNVS, and HELLFIRE.

COL Butler and LTC Anderson visited OTEA for briefing on operational test requirements on 23 January 1978 prior to attending the DCSOPS-DA meeting on the AH-64 Test Unit.

COL Bulter attended the Rockwell HELLFIRE Program Review in Columbus, OH, during the period 25-26 January 1978.

February 1978

TSM-HELLFIRE briefed MG Lynch, Commander, USAARMC, on 9 February 1978 on the status of HELLFIRE program.

The staffing of the Tentative HELLFIRE Basis of Issue Plan (BOIP) with MACOM was completed in February 1978.

TSM-HELLFIRE has recommended to the PM HELLFIRE that the requirements for the HELLFIRE only aircrew evaluator be eliminated in favor of a full-up weapons simulator/evaluator. TSM-HELLFIRE and TSM-AH conducted a joint user/developer meeting on 15 February 1978 to develop the Training Device Letter Requirements (TDLR) for the full-up weapons simulator/evaluator.

TSM-HELLFIRE participated in a Ground Laser Locator Designator (GLLD)/HELLFIRE/Advanced Scout Helicopter (ASH) command, control, and communications working group at the Artillery School, Fort Sill, OK, during 23-24 February 1978. Purpose was to explore the possibilities for utilizing Digital Message Devices (DMD) to communicate between GLLD, HELLFIRE, and ASH.

TSM-HELLFIRE initiated action to task the Logistics Center, Fort Eustis, to assess adequacy of the HELLFIRE missile container specifications to meet user needs.

March 1978

On 2 March 1978 TSM-HELLFIRE participated in Test Support Package (TSP) coordination meeting at USAARMC, Fort Knox, to determine user input to HELLFIRE Operational Test II Test Support Package.

COL Butler TDY to Washington 6 and 7 March to attend briefing for LTG Baer, Deputy Commander, DARCOM, on the HELLFIRE IRIS/ADSM capabilities.

TSM-HELLFIRE TDY to Redstone Arsenal 16-17 March 1978 to attend meeting and briefing on Battltefield Obscuration.

April 1978

COL Butler visited Washington, DC, 19-21 April to attend briefing of the HELLFIRE Modular Missile System concept to DA elements and coordinate HELLFIRE MENS requirement.

CPT Hogsett attended AH-64 Laser Safety Plan/SOP meeting at AH PMO, St. Louis, 25 Arpil 1978. Purpose of the meeting was to discuss and determine laser safety requirements for AH-64 DT/OT operations at Yuma Proving Ground and establish a safety plan/SOP.

LTC Anderson presented the HELLFIRE portion of the General Starry AH-64 weapons pre-brief to BG Patterson on 26 April 1978.

May 1978

COL Butler attended the Low Cost Alternate Laser Seeker (LOCALS) Program Review, Orlando, FL, 2 May 1978.

COL Butler presented pre-brief for MG Lynch, Fort Knox, 3 May 1978, and pre-brief of General Starry's AH-64 weapons program brief.

TSM-HELLFIRE at DA to attend PM-AAH Battlefield Obscuration Brief to Dr. LaBerge, 4 May 1978. COL Butler coordinated with DA Staff on re-prioritization of HELLFIRE follow-on seeker program (IRIS and RF/IR), 4 May 1978.

COL Butler and MAJ Hogsett attended a HELLFIRE Program Review at Rockwell International Corporation 10-11 May 1978.

COL Butler presented a pre-brief to MG Merryman 12 May 1978 on the HELLFIRE portion of the General Starry AAH weapon systems briefing.

A draft consolidated Mission Element Need Statement for the HELLFIRE Modular Missile System was developed by a TRADOC/PM HELLFIRE Joint Working Group, 16-17 May 1978. The draft must be finalized and sent out for worldwide user staffing prior to submittal to HQ TRADOC for approval and further staffing at DA level.

The replacement for the vacated Assistant TSM-HELLFIRE for Personnel and Training was filled by MAJ Weathers effective 15 May 1978.

LTC Anderson, Assistant TSM, participated in a DARCOM/user conference on command, control, and communication interface requirements for the Scout/Attack Helicopter with HELLFIRE Team operational concept. Meeting was held at MIRADCOM on 23 May 1978.

June 1978

MAJ Weathers, Assistant TSM, visited the Institute for Defense Analysis (IDA) 30-31 May to discuss and extract data from their most recent study, "Air Defense Suppression in Support of Attack Helicopter Operations." Basically the study compared effectiveness of HELLFIRE Laser, IRIS, and ADSM employed by an AAH platoon and ACCB sized force against a threat battalion and Combined Arms Army-sized force. The results of the study will help us to answer the mail to TRADOC reference their tasking message on Fire and Forget/Air Defense Suppression Capabilities.

COL Butler visited PM HELLFIRE 31 May - 1 June to effect coordination on Fire and Forget, ADSM, and training aspects of the HELLFIRE Program. In addition, he coordinated a "strawman" LOA written by TSM-S for a lightweight ADSM and discussed responsibilities/preparations for joint DARCOM/TRADOC briefing to DA on Fire and Forget/Air Defense Suppression Capabilities to be given by 30 June.

COL Butler attended a joint working group meeting at Redstone Arsenal on 8 June. Purpose of the trip was to interface with PM HELLFIRE, MIRADCOM, and USAAVNC, DCD fact-finding committee regarding TRADOC action on Fire and Forget/Air Defense Suppression Capabilities.

LTC Anderson met with Air Force representatives of Armament Development and Testing Command (ADTC), Eglin AFB, FL, on 8 June 1978, concerning HELLFIRE application on A-10s. This group has been chartered to research HELLFIRE and present a proposal to the Cdr, ADTC, as to whether the Air Force should invest in the program and to what degree.

COL Butler attended the ATHELO study brief for the TSMs at CAA on 27 June. We are currently developing issues for CAA to insure HELLFIRE with its full capability is realistically played in their model. Data provided by the study will be useful during OT II and the COEA update following OT II.

MAJ Weathers visited PM TRADE to receive briefing and training information concerning tactical weapons employment capabilities of the AAH flight simulator.

July 1978

COL Butler attended a Ground Launch HELLFIRE In-Process Review (IPR) at Columbus, OH, 10-11 July 1978.

LTC Anderson made a coordination visit to the Human Research Laboratory, Aberdeen, MD, 10-11 July 1978. Purpose of the visit was to discuss incorporation of HELLFIRE laser indirect fire employment (C^3 procedures) into the HELBAT #7 exercise to be conducted at Fort Sill in February 1979. TSM-HELLFIRE has the lead to determine C^3 impact of HELLFIRE indirect fire employment to determine and initiate developmental requirements for C^3 hardware/software for Attack Helicopter/Scout/GLLD interface. (C^3 = command, control, and communications)

COL Butler attended an ATHELO SAG meeting at Washington, DC, on 14 July 1978.

Assistant TSM, LTC Anderson, chaired a joint TRADOC/DARCOM Indirect HELLFIRE Employment Working Group at Fort Knox on 26 July 1978. Purpose of the meeting was to work out the C3 aspects of indirect HELLFIRE employment. The group decided that HELLFIRE indirect should be part of the upcoming HELBAT exercise in February 1979. In addition, it was determined that some field tests should be conducted in the interim at Fort Knox.

COL Butler made a coordination visit to HQ TRADOC 26-27 July 1978. Purpose was to provide interface on funding of the Fire and Forget Seeker and Air Defense Suppression Seeker for the FY 80 POM to be discussed at the Pre-RDAC at HQ DA.

During the period 16-30 July 1978, three successful ballistic firings were conducted with the HELLFIRE Modular Missile System. These are the first actual developmental test firings of the HELLFIRE missile.

The proposed HELLFIRE mission element need statement was forwarded through Combined Arms Center to HQ TRADOC on 26 July 1978.

August 1978

MAJ Hogsett attended a Fire and Forget Requirements/Operational Capabilities (ROC) coordination meeting at TRADOC 2-4 August 1978. Purpose of meeting was to rewrite portions of the Fire and Forget ROC for final TRADOC approval.

LTC Anderson attended a HELLFIRE Training/Operational Test (OT) II working group meeting at PM HELLFIRE, Redstone Arsenal, Alabama, 7-8 August. Purpose of meeting was to review training requirements and schedules for HELLFIRE OT II.

Final RDAC decision for FY 80 provided $19.2M for Fire and Forget Seeker and $1.5M for Air Defense Suppression System.

TSM-HELLFIRE attended a Ground Launch HELLFIRE (GLHF) IPR at Rockwell International, Columbus, OH, 21-22 August.

COL Butler attended a Low Cost Alternate Laser Seeker (LOCALS) Program Review at Martin Marietta Corporation, Orlando, FL, 22-23 August.

LTC Anderson attended an Advanced Heavy Armor Weapons System (AHAWS) LOA Working Group session at Fort Benning, GA, 23-24 August. GLHF is a contender for that requirement.

MAJ Weathers attended a Laser Safety Conference at AVRADCOM, St. Louis, MO, 23-25 August 1978.

MAJ Hogsett attended a logistics briefing to Deputy Commander, MIRADCOM, by PM HELLFIRE, subject: HELLFIRE Logistics Plan and Training Requirements.

September 1978

USAARMC has concurred with TSM-HELLFIRE proposal to conduct NOE digital target handoff exercise at Fort Knox. USAARMC message received 31 August recommended TSM-H take lead on test design, scenarios, hardware interface, etc., and Fort Knox will handle the test administration and funding. Coordination with MIRADCOM and CORADCOM in this joint endeavor is ongoing.

TSM-HELLFIRE hosted an OT II operational test issue meeting on 7 September 1978.

COL Butler participated in Infrared Imaging Seeker briefings presented to DARCOM (LTG Baer) on 11 September 1978 and to DCSRDA (BG Shea) on 12 September 1978. Briefing primarily addressed events leading up to entry into ED in FY 80.

COL Butler attended HELLFIRE Missile Storage Container In-Process Review at PM HELLFIRE, 21-22 September.

TSM-HELLFIRE visited the Multiple Integrated Laser Engagement Simulation (MILES) OT II at Fort Carson, CO. Meetings were conducted with COL Stapleton, TSM-Engagement Simulation, reference MILES and AGES (Air-Ground Engagement Simulation) concepts and future applications.

LTC Anderson chaired a HELLFIRE Operational Test II Test Support Package review at Fort Knox. Purpose of the review was to refine the OT II test support package prior to submittal to OTEA.

The DA/OSD briefings for purposes of funding and getting the HELLFIRE Fire and Forget Seeker into Engineering Development has been expanded to include ASARC/DSARC principles. TSM-H has the lead with PM HELLFIRE to develop the briefing plan.

October 1978

LTC Anderson participated in the HELLFIRE C^3 field evaluation at Fort Knox, 25 September through 3 October. In brief, it was found that training of Digital Message Device (DMD) operators will have to be extensive and that the DMD will have to be modified to accommodate a HELLFIRE Fire Request format. A preliminary assessment of the results is that pure digital target handoff is both feasible and provides the best timeliness for target servicing.

LTC Anderson attended the HELLFIRE OT II Test Integration Working Group (TIWG) 10-12 October 1978.

COL Butler attended PM HELLFIRE program briefs to DA/OSD officials 17-20 October 1978 in Washigton, DC.

The first HELLFIRE guided launch occurred on Saturday, 21 October 1978. The missile was launched from a tower mounted AH-1 at a 3K range. The missile struck the target six inches above and four inches to the right of the target center, well within the CEP.

MAJ Hogsett attended a government/contractor Logistics Support Analysis Record (LSAR) review for the HMMS at Rockwell International, Columbus, OH, 23-26 October. The analysis worksheets were reviewed and corrected with no major problem areas.

November 1978

COL Butler briefed MG Lynch on the current status of the HELLFIRE Fire and Forget Seeker Program 8 November 1978.

MAJ Hogsett conducted a liaison visit with the Missile and Munitions Center, Redstone Arsenal, and provided HELLFIRE data concerning rates of fire and the HELLFIRE supply system. This data was requested by the Missile and Munitions Center for input to a study on ammunition resupply in the CORPS area 8-9 November 1978.

COL Butler participated in a joint TSM/PM brief at DA (DCSOPS/DCSRDA) on the HELLFIRE Fire and Forget Seeker Program on 13 November 1978. This was a DA brief on the program prior to the required OSD brief.

December 1978

COL Butler presented two briefings on the technical and operational employment concepts for the HELLFIRE system to members of the 101st Airmobile Division on 28 November 1978 at Fort Campbell.

MAJ Hogsett attended a HELLFIRE Integrated Logistics Support Management Team (ILSMT) review at Rockwell International, Columbus, OH, 28-30 November 1978. Purpose of the meeting was to review the current HELLFIRE Logistics program, discuss problem areas, and assign action items to appropriate DOD agencies. The logistics program for HELLFIRE OT II is in good shape and on schedule. Logistics training was reviewed, and coordinated, and it appears adequate at this time. TSM-H and USATSCH represented TRADOC. PM-AAH provided a representative to insure integration interface.

TSM-HELLFIRE attended a HELLFIRE Program Review at Redstone Arsenal on 6-8 December 1978.

COL Butler accompanied PM HELLFIRE to DA for Fire and Forget briefings on development approach 14-15 December 1978. Briefings presented on 14 December were to Generals Lunn and Shea. Briefings presented on 15 December were to MG Vincent and Mr. Moore (DDRE).

NOTE:

Work performed by this organization is classified for the most part and cannot be discussed in an unclassified document.

STAFF JUDGE ADVOCATE

MISSION:

Provides legal services for the US Army Aviation Center; prosecutes and administers courts-martial; and provides legal assistance to soldiers and dependents for personal legal problems.

PERSONNEL:

LTC George S. Harrington, Jr., who was Staff Judge Advocate, retired in June 1978.

LTC Robert C. Handcox was assigned as Staff Judge Advocate in June 1978.

MAJ Terry W. Raney was assigned as Deputy Staff Judge Advocate in June 1978.

ACCOMPLISHMENTS/SIGNIFICANT EVENTS:

A separate command was established on a test basis to provide legal counsel for soldiers accused of violations of military law.

The Army has entered a period of intense litigation where individuals and organizations who feel aggrieved in some respect resort to litigation to seek relief or publicity for the alleged wrong. Fort Rucker became involved in litigation concerning race and employment; grading of civilian employee positions; contracting for goods and services; and claims for personal injury and property damage. None of the litigation initiated in 1978 has been resolved, and it is not appropriate to discuss pending litigation.

PUBLIC AFFAIRS OFFICE

MISSION:

Provides public information, community relations and command information support to the installation, including active duty military, retired military, civilian employees, Army Reserve and National Guard personnel, tenant activities, military dependents, and the geographic area of responsibility.

PERSONNEL:

Name and Rank	Position	From/To
MAJ Robert M. McDowell	Pub Aff Off	Mar 77 - Present
DAC Herbert C. Strickland	Dep Pub Aff Off	Dec 71 - Present
MSG Richard L. Scena	Pub Aff Supv	Jan 75 - Jan 79

ACCOMPLISHMENTS:

Guest speakers for the Bogardus S. Cairns Chapter, Association of the US Army, were: Governor George C. Wallace, February 1978; Congressman William Dickinson, April 1978; Major General (Ret) Robert F. Cocklin, Executive Vice President, AUSA, June 1978; Mr. Harold W. Chase, Deputy Assistant Secretary of Defense for Reserve Affairs, August 1978; and General Frederick J. Kroesen, Vice Chief of Staff, December 1978.

Extensive coverage was given to the Combined Federal Campaign, Army Emergency Relief, Operaion Santa Claus (on a continuing basis), Fire Prevention Week, Federal Women's Week, 1st Aviation Brigade Charity Day for the Vivian B. Adams School in Ozark, Officers' Wives' Club/NCO Wives' Club Christmas Bazaar, and the Fort Rucker annual fund raising event, the 49er Party.

Other significant stories covered throughout the year were: Military Ball; Junior Reserve Officers' Training Corps Rifle and Drill Meet; AVNEC Conference; AGARD Conference; physician shortages at Fort Rucker; combined activities celebrated on 10 June (Army Birthday, Aviation Birthday, 4th of July); Youth Conservation Corps; 405th Civil Affairs Reserve Group; 3069th Engineer Group; Quadripartite/Aviation Meeting; Daedalian Award; General Smith's departure; Army Aviation Program Review; Army training for Navy pilots; and General Merryman's arrival.

The Army Flier newspaper retained its Class A rating by Department of the Army. Layout modernization continued to improve the publication.

A total of 866 printed news stories with photographs was released to local and area news media.

A total of 243 electronic releases was made to local and area radio and television stations. These releases went to an average of 12 stations each for a total of 2,916 releases.

INSPECTOR GENERAL

MISSION:

Inquires into and reports upon matters affecting the performance of mission and state of economy, efficiency, discipline, and morale of the command.

PERSONNEL:

LTC Charles E. Parker, Jr., continues to serve as the Inspector General, USAAVNC and Fort Rucker.

MAJ Robert H. Vandel was assigned as an Inspector General and Chief of the Inspections Branch on 26 January 1978.

MAJ Colin B. Cosgrove was assigned as an Inspector General and Chief of the Inspector General Action Request/Investigations Branch on 10 October 1978.

MAJ Theodore A. Speaker was reassigned to the Office of the Chief of Staff on 9 January 1978.

CPT James L. Gerdeman was REFRAD on 18 September 1978.

ACCOMPLISHMENTS:

During 1978 the Office of the Inspector General conducted inspections as follows:

Headquarters, 1st Aviation Brigade, and four battalions
23 company-sized inspections
Inspection of major Center directorates/activities to include: Directorate of Personnel and Community Activities, Directorate of Combat Developments, US Army Aviation Board, Directorate of Training Developments, Finance and Accounting Office, Directorate of Training, Directorate of Industrial Operations, Post Exchange, Commissary, Wildlife Association, Sport Parachute Club, Chaplain's Fund, Visitor's Bureau Billeting Fund, Veterinary Clinic Fund, Riding Club, Flying Club, and Billeting Branch and Fund.

Additionally, TRADOC Inspector General conducted a general inspection of the United States Army Aviation Center and Fort Rucker during the period 30 January - 10 February 1978.

The Commander, USAAVNC, directed that with the beginning of FY 79 (1 October 1978), the Inspector General will conduct unannounced inspections of company-sized units.

During 1978 approximately 290 Inspector General action requests were received and resolved by personnel of the Inspector General Office. Additionally, 37 investigations and inquiries were conducted.

OFFICE OF CIVILIAN PERSONNEL

MISSION:

Responsible for accomplishing the Civilian Personnel Management Program, with authority from the Commanding General. Provides staff assistance to managers and supervisors in taking actions to obtain, compensate, train, develop, utilize, and retain an effective and efficient work force. Administers legal regulations and procedural controls established within the Federal Personnel System. Evaluates jobs and accomplished personnel actions; exercises leadership in the development and administration of local civilian personnel policies and programs; maintains contacts with outside agencies and community organizations; and provides effective direction to employee/management relations. Provides advice and assistance to managers and supervisors on program planning and evaluation, supervisor/employee relations and communications, motivation and recognition, training and development, and employee services.

ORGANIZATION:

The Office of Civilian Personnel is composed of the following:

Office of the Chief
Technical Services Office
Recruitment and Placement Branch
Position and Pay Management Branch
Management Employee Relations Branch
Training and Development Branch

PERONNEL:

Mr. Bernie F. Sheppard was the Civilian Personnel Officer for 1978.

ACCOMPLISHMENTS:

During 1978, 78 employees retired from Civil Service. Forty-five retired on disability and 33 were optional retirements.

The civilian strength at the beginning of the year was 2,085 General Schedule (GS) and 665 Wage Grade (WG) employees for a total of 2,750. Due to reorganization and reductions in authorized spaces, there were 2,070 GS and 625 WG employees at Fort Rucker at the end of 1978.

A telephone wage survey of industries in the Dothan, AL, locality was directed by the DOD Wage Fixing Office and conducted by Fort Rucker personnel. Increases given by private industry would have resulted in an average increase of approximately 11.37 percent for blue collar personnel. However, the President's wage control laws restricted the increase to 5.5 percent, just as increases granted by Congress for white collar personnel were held to 5.5 percent.

CENTER CHAPLAIN

MISSION:

Provides a program of public worship, religious education, counseling, pastoral care, and moral leadership training to all active duty military and their dependents, retired military and their dependents, and authorized civilians served by Fort Rucker.

PERSONNEL:

Chaplain (LTC) Howard A. Easley served as Pastoral Coordinator during 1978.

Chaplain (LTC) Leland S. Buckner served as Family Life Center Chaplain during 1978.

Chaplain (MAJ) Clyde M. Northrop, III, served as 6th Battalion Chaplain during 1978.

Chaplain (CPT) Nicholas E. Wagner served as 4th Battalion Chaplain during 1978.

Arrivals:

Chaplain (LTC) Edward R. Flynn was assigned in February 1978 as Catholic Pastor and chaplain of tenant units.

Chaplain (COL) Thomas L. McMinn, Jr., was assigned in April 1978 and assumed duties as Center Chaplain on 1 June 1978.

Chaplain (CPT) Peter J. Borovec was ordered to active duty and assigned in August 1978 as 1st Battalion Chaplain.

Departures:

Chaplain (LTC) Capistran J. Haas departed in February 1978.

Chaplain (COL) Trevor D. Turner departed in June 1978.

Chaplain (CPT) Louis L. Schmit departed in August 1978.

ACCOMPLISHMENTS:

The birthday of the late Dr. Martin Luther King, Jr., was observed with a service of tribute at Headquarters Place Chapel on 13 January 1978. Reverend Jesse F. McCloud, pastor of St. John's Chapel A.M.E. Church, Enterprise, AL, was the guest speaker.

The Annual National Prayer Breakfast was conducted at the Fort Rucker Officers' Open Mess at 0630 hours on 2 February 1978. The featured speaker was Reverend William Waldrop, pastor of Grace Evangelical Church, Atlanta, GA.

The Protestant Women of the Chapel's Mother and Daughter Banquet was held on 16 January 1978 with a theme of "A Worthy Woman."

Lenten services were conducted at the Chapel of the Flags each Thursday evening at 1900 hours from 8 February through 26 March 1978 and were conducted at 1200 hours Monday through Friday at Headquarters Place Chapel.

A Youth Workshop was conducted 24-26 February 1978 featuring Dr. James E. "Rick" Pierce of Pfeiffer College as resource leader.

The Easter Sunrise Service was conducted on 26 March 1978 at the Parade Field. Dr. Eugene R. Woolridge, District Superintendent of the United Methodist Church, Harrisonburg, VA, was the featured speaker.

Bishop John L. May, Bishop of the Mobile Diocese, administered the Sacrament of Confirmation at the Continuing Christian Development Program Mass on 1 April 1978 at the Fifth Avenue Chapel.

The Protestant Women of the Chapel held the Fifteenth Annual Good Friday Prayer Breakfast production at the Fort Rucker Officers' Club on 24 March 1978 for Fort Rucker and the neighboring civilian communities. The Good Friday play, "A Piece of Fine Linen," written by Mrs. Jewell Ellen Smith, was presented.

The Protestant Women of the Chapel's Sweetheart Banquet was held on 20 April 1978 at 1900 hours in the Rib-eye Restaurant in Ozark.

A Children's Christian Crusade was held 25-27 April 1978 featuring the "Big Red Caboose."

Protestant and Catholic Summer Camps were conducted at Blue Lake Assembly from 5-9 June 1978.

A Catholic School of Religious Education was held 12-16 June at the Religious Education Center.

A Protestant Vacation Bible School (VBS) Workshop was conducted on 14-16 June 1978 by Mr. Reynolds, Protestant Director of Religious Education. The attending teachers and workers were trained to conduct a meaningful VBS.

Protestant Vacation Bible School was held 19-23 June 1978 at the Religious Education Center with the theme of "Jesus, God's Wonderful Gift."

A Quarterly Prayer Breakfast was held 27 June 1978 at 0630 hours in the 46th Engineer Battalion Consolidated Dining Facility No. 2. Coach Jim Thompkins of Troy State University was the guest speaker.

An annual program sponsored by the office of the Center Chaplain to invite civilian clergy from the Wiregrass Area was conducted on 31 July 1978 to acquaint clergymen with the activities of Fort Rucker and to elicit interest in the single soldiers of the post. A luncheon was held at 1130 hours at the Fort Rucker Officers' Club with Major General James C. Smith presiding.

The Protestant Women of the Chapel held their Fall Rally on 13 September 1978 at the Lake Lodge. Mrs. Barbara Barker from Birmingham, AL, was the featured speaker.

A Leadership Effectiveness Training Workshop, developed by Dr. Thomas Gordon Associates, was conducted in the Center Chaplain's office on 25-29 September 1978.

The Catholic Continuing Christian Development Program began 1 October 1978 at the Fort Rucker Elementary School with 450 students from grades preschool through senior high school and 115 teachers, assistants, and helpers.

The annual Feast of Christ the King Pageant was conducted for the Catholic parish in the Post Elementary School on 26 November 1978.

The Catholic Ladies Guild hosted the Annual Ecumenical Brunch on 1 December 1978 at the Enlisted Club. The Protestant Women of the Chapel were the guests of the Ladies Guild. Featured on the program were the Enterprise Junior College Singers and Mr. Robert Camp, a concert violinist from Ozark. The theme of this program was "One Solitary Life."

A Christmas cantata, "Ring the Bells," was presented on 10 December 1978 at the Post Theatre by the 98th Army Band and the combined Catholic and Protestant choirs and handbell choir. WO1 Luther Murphy, Bandmaster, directed the choir and band. The 1st Battalion was responsible for all publicity.

The annual Christmas Tree Lighting Ceremony was held on 15 December at 1600 hours on the Post Parade Field.

The annual Protestant Christmas Eve Candlelight Service was conducted on 24 December 1978 at the Chapel of the Flags.

A Christmas Day Communion Service was conducted on 25 December 1978 at the Chapel of the Flags.

A New Year's Watchnight Service was conducted on 31 December 1978 at Headquarters Place Chapel.

SECRETARY GENERAL STAFF

MISSION:

Secretary of the General Staff - Directs and controls overall operation of the Protocol and Administrative Divisions; coordinates and supervises the flow of correspondence, messages, and administrative actions within the Command Group/General Staff complex; and designates action agencies on incoming correspondence to the Center as appropriate.

Protocol Division - Plans and coordinates all itineraries, billeting, transportation, and social activities for official visitors and guests of the command.

Administrative Division - Supervises and is responsible for all administrative functions of the command and staff, to include office management, classified files, message center, Xerox reproduction for the Headquarters, and the Field Officer of the Day/Staff Duty Officer.

ORGANIZATION:

The Secretary of the General Staff (SGS) is organized in three divisions:

Secretary of the General Staff
Protocol Division
Administrative Division

PERSONNEL:

The following military personnel assignments were made during 1978:

Position	Personnel	Arrival/Departure Dates
Secretary General Staff	MAJ Joseph R. Gaston	12 Jul 76 - 7 Dec 78
	MAJ Paul B. DesJardins	7 Dec 78 - Present
Chief of Protocol	CPT Dana M. Young	2 Jan 78 - 20 Apr 78
	CPT Lacey H. Collins	26 Apr 78 - Present
SGS Administrative Assistant	SSG Charles M. Hunter	21 Jun 77 - Present

ACCOMPLISHMENTS:

The office of the Secretary General Staff provided support or assistance to over 500 official visits to the United States Army Aviation Center. More than 95 official visitors were General Officers or equivalent and included Congressman William L. Dickinson; Congressman Erwin Horn, FRG; Governor George C. Wallace; Congressman James F. Lloyd; Harold W. Chase, Deputy Assistant Secretary Army (Reserve Affairs); Honorable Alan J. Gibbs, Assistant Secretary of the Army; General Donn A. Starry, CG, TRADOC; General Frederick Kroesen, Vice Chief of Staff of the Army; General John W. Vessey, Jr., CG, 8th Army; General John R. Guthrie, CG, DARCOM; General Robert M. Shoemaker, CG, FORSCOM; Admiral Frederick C. Turner, Chief of Naval Aviation Training; and Rear Admiral Rudolf Deckert, Commander, Naval Air Division, FRG.

The following visits were hosted by the United States Army Aviation Center during 1978:

The Mobilization Conference attended by 85 military representatives from the Department of Defense, 29 January 1978

The Retired Officers' Association Meeting, 9 February 1978

DSA of Columbus, OH, Tour, 14 February 1978

The TRADOC Systems Manager - Advanced Scout Helicopter - Conference attended by 240 military representatives from the Department of Defense, 14-15 February 1978

Pre-Camp Conference attended by advance parties for Reserve and Training, 18 March 1978

The Aviation Employment Conference, a major conference attended by 32 General Officers and other military and civilian representatives from the Department of Defense, 28-31 March 1978

Mobilization Conference attended by 180 military and civilian representatives from the Department of Defense, 1-2 April 1978

The Air Combat Engagement Conference (ACE) attended by 50 military representatives from the Department of Defense, 18 January 1978

The 1st Army Aviation Standardization and Safety Conference attended by 100 military representatives from the Department of Defense, 7-9 April 1978

Cobra User Conference attended by 30 military representatives from the Department of Defense, 11-13 April 1978

Alabama Retired Officers' Association Convention attended by Mr. Chase, Deputy Assistant Secretary of Defense, seven General Officers, and 75 other retired officers, 14-16 April 1978

TRADOC Aviation Standardization Board Meeting attended by 65 military representatives from the Department of Defense including five VIPs in the rank of General Officer or equivalent civilian grades, 25-26 April 1978

Advisory Group for Aerospace Research and Development/NATO Conference attended by 250 military and civilian representatives from the Department of Defense and 40 NATO representatives, 1-5 May 1978

The Worldwide Safety Conference attended by 75 military and civilian representatives, GS-17s and below, 26-29 June 1978

The TRADOC Systems Manager - Advanced Attack Helicopter - Symposium attended by 100 plus military and civilian representatives from the Department of Defense, 11-13 July 1978

Northrop Annual Manager Meeting attended by 30 civilian VIPs from industry, 13-14 July 1978

The 9th Quadripartite Working Group/Aviation Conference attended by 30 military representatives from the Department of Defense, 21-30 August 1978

The 81st "Wildcat" Division Reunion attended by 150 former 81st Division personnel, 19-22 October 1978

TRADOC Systems Manager - Advanced Scout Helicopter - Symposium attended by 170 civilians from industry, 9 November 1978

The Army Aviation Program Review attended by 170 General Officers and below, the most important conference of the year, 4-5 December 1978

EURO/NATO Symposium attended by 17 visitors from Denmark, Germany, Netherlands, Norway, and the United States, 13-17 November 1978

DIRECTORATE OF PERSONNEL AND COMMUNITY ACTIVITIES/SECRETARY

MISSION:

Directs the aspects of military personnel administration, management, general administration, morale and welfare activities, Army Community Service, military educational development, drug abuse and alcoholism control, Human Relations Division, Organizational Effectiveness Division, and Recreation Services activities. Supervises officer and enlisted mess operations and Post Exchange activities. Exercises direct supervision of the USAAVN Museum, and the Adjutant General, Provost Marshal, and Security Divisions. Exercises administrative control of nonappropriated fund and private associations.

ORGANIZATION:

The Directorate of Personnel and Community Activities (DPCA) consists of the following subdivisions:

- Personnel Services Division
  - Morale Support Fund
  - Education Branch
  - Fort Rucker Dependents Schools
  - Post Exchange
- Army Community Services
- Office, Accident Prevention (Safety)
- Installation Club System
- Human Relations Division
- Organizational Effectiveness Division
- Adjutant General Division
- Recreation Services Division
- Alcohol/Drug Abuse Division
- Provost Marshal Division
- US Army Aviation Museum

PERSONNEL:

COL Daniel B. Plyler served as the director throughout 1978.

LTC James H. Thacker served as deputy director until 14 July 1978.

LTC Charles R. Moore became the deputy director on 14 July 1978.

PERSONNEL SERVICES DIVISION

MISSION:

Provides staff supervision on matters pertaining to morale; welfare; wearing of the uniform; standards of conduct; check-cashing; salutes, honors, and visits of courtesy; leaves, passes, and holidays; fund-raising; PX activities; education of military personnel and dependents; NAF and private association activities; and collateral reports of investigation and flying evaluation boards.

ORGANIZATION:

The Personnel Services Division is composed of the following:

- Morale Support Fund
- Education Branch
- Fort Rucker Dependents Schools
- Post Exchange

PERSONNEL:

LTC Charles R. Moore assumed the duties of Chief, Personnel Services Division, on 11 April 1978. He was reassigned to the position of deputy director, DPCA, on 14 July 1978.

LTC Alice J. Delgado assumed the duties of Chief, Personnel Services Division, on 14 July 1978. She also was appointed as the Commander's Advisor for Military Women's Affairs.

ACCOMPLISHMENTS:

The Wiregrass Area Combined Federal Campaign, conducted in the fall of 1978, realized over $176,174.

The 1978 49er Party realized $58,400.

The Fort Rucker Officer TRUST Review Committee was formed to identify and recommend deletion of practices/policies considered demeaning to officer trust and integrity. Ten practices were identified and eliminated during 1978.

Nonstandard items worn with the uniform were phased out effective 31 December 1978.

The Fort Rucker Defense Community Service Council completed the following projects during 1978:

Constructed a building and bridge at Humming Hills Girl Scout Camp.

Mounted lighting and erected poles at Abbeville Stadium.

Mounted eight lights on existing 65-foot poles at New Brockton High School Stadium.

Mounted lighting on poles at city of New Brockton Ball Park Stadium.

Moved two buildings to Daleville, AL, to be used as scouting facilities.

MORALE SUPPORT FUND

MISSION:

Provides welfare, recreation, and morale activities support for the active duty and retired personnel in the Fort Rucker area.

ACCOMPLISHMENTS:

Command decision was reached to dissolve the Fort Rucker Wildlife Association as a separate nonappropriated fund, and reorganize under Recreation Services Division, to be effective in early 1979.

Nonappropriated fund procurement was consolidated with the installation club procurement activity.

A total of $30,000 was provided to refinish the bowling lanes.

A total of $34,600 was provided to resurface tennis courts.

Supervision/control of the Post Nursery was transferred to Army Community Service in accordance with AR 608-1.

EDUCATION BRANCH

MISSION:

Provides civilian type educational opportunities as directed by AR 621-5.

ACCOMPLISHMENTS:

The on-duty High School Completion Program was eliminated during the first quarter of 1978.

The Basic Skills Education Program II was approved during the third quarter of 1978 to become operational in January and February 1979.

MOS Library expanded resources and materials to provide better support for soldiers' Skill Qualification Testing.

During 1978, 28 individuals received high school diplomas; 83 individuals successfully completed GED equivalency examinations; 113 service members received associate degrees; 105 persons were awarded bachelor degrees; and 25 were awarded master degrees.

FORT RUCKER DEPENDENTS SCHOOLS

MISSION:

Provides suitable free public education to the dependent children of military personnel residing on the Fort Rucker reservation. The schools provide basic education including instruction in art, music, and physical education. Also provided are special programs in speech therapy, remedial reading, and education for the educable mentally retarded and the learning disabled.

ORGANIZATION:

The Fort Rucker Dependents Schools district consists of a district office, an intermediate school, and a primary school. A central kitchen is operated in the intermediate school, and the primary school lunchroom is operated as a satellite. Student transportation is provided by a civilian contractor under contract with the Army. The schools are operated by the Commander, Fort Rucker, with costs reimbursed quarterly by the United States Office of Education, Department of Health, Education, and Welfare.

PERSONNEL:

Mrs. Alice G. Suiter was appointed Principal, Fort Rucker Primary School, in January 1978, following the resignation of Mrs. Betty J. Kennedy in July 1977.

ACCOMPLISHMENTS:

A quarter of a million dollar project of roof repairs and waterproofing of walls was begun in August 1978 and will be completed in the early weeks of 1979.

The provisions of Public Law 94-142, Education of All Handicapped Act, were implemented during the 1977-1978 school year.

POST EXCHANGE

MISSION:

Provides merchandise and services of necessity and convenience which are not furnished from appropriated funds to authorized patrons at uniformly low prices. Generates reasonable earnings to supplement appropriated funds for the support of Army and Air Force welfare and recreational programs.

PERSONNEL:

Mr. Edward H. Zierlein, Exchange Manager, will be assigned to Fort Rucker Exchange on 8 January 1979.

Mr. Marion Black, Main Store Manager, was assigned to Fort Rucker Exchange on 11 November 1978.

Ms. Ginny Roethler, Four Seasons Manager, was assigned to Fort Rucker Exchange on 28 October 1978.

Mr. Chuck Benz, Service Station Assistant Manager, was assigned to the Fort Rucker Exchange on 30 September 1978.

Mr. Scott Taylor, Service Station Manager, was assigned to Fort Rucker Exchange on 18 March 1978.

ACCOMPLISHMENTS:

Renovation of the lower level of the Four Seasons Store was completed 15 February 1978. The Garden Shop officially opened on 21 February 1978.

Replacement of all washers and dryers at the Fort Rucker launderette was completed on 9 February 1978.

New concrete receiving dock/ramp for outside the receiving doors at the Fort Rucker Main Store was completed on 22 August 1978.

New replacement food mobile unit was received and put into service in September 1978.

Wiring project for EPOS implementation at Fort Rucker Main Store was effected on 10 October 1978. EPOS cash registers were installed on 26 September 1978.

Change-over of concessionaires at the Fort Rucker Uniform Shop was effected on 10 October 1978. With the change-over, tailor-made uniform service was implemented.

Rent-A-Car concession was implemented at Fort Rucker on 16 November 1978.

ARMY COMMUNITY SERVICE

MISSION:

Provides information and referral services, assistance and guidance to military personnel and their dependents in meeting personal and family problems, and child care services.

PERSONNEL:

MAJ Robert S. Steen was assigned in August as Chief, Army Community Service, replacing LTC Jesse E. Felter.

2LT Isaac P. Austin was assigned in July as Army Emergency Relief Officer, replacing 1LT Marcia Varney.

SFC Shelby N. Stewart was assigned in July as NCOIC.

Mrs. Beulah B. Basham was assigned in September as ACS Social Worker.

Mrs. June F. Mize was assigned in October as Financial Planner.

Mrs. Evelyn R. Evans was assigned in October as Child Support Services Coordinator.

Mrs. Barbara M. Simmons was assigned in November as Army Emergency Relief Clerk, replacing Mrs. Mize.

Mrs. Bonnie Koehler was assigned in October as ACS Volunteer Supervisor, replacing Mrs. Ruth R. Delavan.

ACCOMPLISHMENTS:

Fort Rucker Army Community Service remained one of the largest ACS volunteer associations in the US Army with a monthly average of 130 adult volunteers and an additional 10 teenage volunteers. These volunteers worked 23,388 hours.

The Fort Rucker Army Community Service sponsored 22 programs and committees.

ACS provided newly assigned personnel and 768 of their dependents with welcome orientations on post activities and activities in the local communities. In addition, ACS personnel provided all units on post with briefings on ACS programs and activities upon request.

The International Citizenship Committee assisted 54 persons in securing their citizenship through a nine-week class.

Army Emergency Relief provided assistance to servicemen and their dependents this year in the amount of $51,458.58.

The Budget Counseling and Debt Reduction Program assisted a total of 44 persons, of which 20 are still active. Total indebtedness managed exceeded $247,000.

The ACS Family Assistance Council provided $1,904.50 in grants and loans to servicemen and their dependents experiencing financial emergencies where all other resources had been exhausted.

ACS, through its Loan Closet, provided over 8,400 loan services to servicemen and their families.

Ninety-five food packets were provided to military families in emergency situations.

One hundred and eight families were assisted with used clothing.

In August, ACS provided a briefing to Colonel Eubanks, TRADOC Adjutant General.

In December, ACS provided a briefing to Mrs. Kroesen, wife of the Army Vice Chief of Staff.

OFFICE, ACCIDENT PREVENTION (SAFETY)

MISSION:

Reduces and keeps to a minimum accidental manpower and monetary losses, thus providing a more efficient utilization of personnel and equipment.

PERSONNEL:

Mr. John Hickey served as chief during 1978.

ACCOMPLISHMENTS:

An across-the-board reduction of statistical rates in all categories of accidents was achieved. This achievement was the result of supervisors devoting more of their personal attention to accident prevention as well as increased emphasis on continuing programs such as defensive driver training and the Occupational Safety and Health Act (OSHA) requirements. A "vehicle safety belt simulator" was also fabricated and placed into use throughout the command in an effort to stimulate interest in and improve the vehicle accident prevention program.

INSTALLATION CLUB SYSTEM

MISSION:

Advises the command group on matters pertaining to club activities. Coordinates and implements club procedures and policies for social and entertainment programs for members of the Club System. Provides daily operational management for the Officers', NCO, and Package Beverage Branch activities.

ORGANIZATION:

The Fort Rucker Installation Club System is composed of the following branches:

Administrative Support Branch (Non-revenue producing)
Package Beverage Branch (Revenue producing)
Officers' Club Branch (Revenue producing)
Noncommissioned Officers' Club Branch (Revenue producing)

PERSONNEL:

Mr. Joseph C. Wissel served as Installation Club Manager during 1978.

CW2 Donald Seeds was the manager of the Fort Rucker Officers' Club until his retirement on 31 December 1978.

Civilianization of the management positions within the club system was completed when Mr. Evan E. Smith, Jr., became manager of the Fort Rucker Officers' Club in November 1978.

Mr. James Harrelson served as manager of the NCO Club Branch during 1978.

Mr. Stan Filipiak served as manager of the Package Beverage Branch during 1978.

ACCOMPLISHMENTS:

The Fort Rucker Club System as a whole recorded the most stable, profitable operation in its history.

The Officers' Club Branch showed a net income for FY 78 of $114,075, an increase of $30,000 over FY 77.

The NCO Club Branch showed a net income of $92,915 for FY 78, which is also an increase of $30,000 over FY 77.

TRADOC Inspector General recommended consolidation of all nonappropriated fund procurement under the supervision of the Installation Club Manager. This consolidation was made in April 1978, and the results have been most satisfactory.

The Officer's Club Branch redecoration program was delayed due to lack of bidders on the package. Action has been taken to replace all worn and unserviceable items immediately.

HUMAN RELATIONS DIVISION

MISSION:

Assists the Commander in achieving racial harmony and equal opportunity through education, affirmative action, and implementation of special activities.

PERSONNEL:

MAJ James W. Bryant served as Chief of OE/HR until 13 July 1978. CPT L. Vernon Alford became Chief of HR Division on 13 July 1978.

ACCOMPLISHMENTS:

During 1978 two new Equal Opportunity Programs were initiated at Fort Rucker.

A total of 12 workshops was conducted with approximately 500 personnel attending these workshops.

The first program began in February 1978, when Dr. Eugene Davis, Educational Advisor, Defense Race Relations Institute, came to Fort Rucker to look at Fort Rucker's Equal Opportunity Program. Dr. Davis designed a program that would increase the effectiveness of Fort Rucker's Equal Opportunity Program and address the similarities and differences of each directorate/commander; one that would require greater participation on the part of unit members, and that would be proactive as opposed to reactionary in nature. Dr. Davis interviewed directors/commanders to determine how best to accomplish all of the above mentioned objectives. Results of these interviews indicated that Equal Opportunity Workshops were desired by directors/commanders.

Mrs. Doris Corbett, Equal Opportunity Consultant, was contracted to assist Dr. Davis in presenting Equal Opportunity Workshops to directors/commanders. The purpose of the Equal Opportunity Workshops was to provide uniform and civilian personnel with a comprehensive understanding of how they and the command can assure all personnel equal opportunity based on their merit and abilities demonstrated within the organization.

The Equal Opportunity Workshops focused on positive organizational procedures rather than the past efforts that have been directed toward proving or disproving the existence of discrimination. This proved to be a much healthier process.

Results of each Equal Opportunity Workshop will be delivered to each director/commander. Each activity will then utilize the results of their workshop to develop an Affirmative Action Plan for their activity. Once their individual plans have been developed, they will be incorporated into the Fort Rucker Affirmative Action Plan.

The second Equal Opportunity Program was developed and tested by Human Science Research Institute and US Army Research Institute Field Unit, Presidio of Monterey, CA, for the Department of Army, in an effort to assist commanders in implementing the Equal Opportunity Program as outlined in AR 600-21. Fort Rucker was chosen as a test installation to determine if this new program would benefit the Army.

This program, Unit Equal Opportunity Training Diagnosis and Assessment System, is designed to diagnose the presence of equal opportunity and/or race relations problems at company level. Once problems have been diagnosed, a Unit Equal Opportunity Training Program will be designed specifically for each company-size unit. At a later time, an assessment will be made of the success of that training in solving the problems identified earlier.

At this time, military personnel assigned to the USAAVNC and 1st Aviation Brigade have been surveyed, and the results returned to each unit commander.

This program has proven valuable in that units have identified their potential problems and are designing training programs around the data received from the survey.

ORGANIZATIONAL EFFECTIVENESS DIVISION

MISSION:

Provides Fort Rucker with the capability of utilizing a systematic military application of selected management and behavioral science skills and methods to improve how the total organization functions to accomplish assigned missions and increase combat readiness. This organizational effectiveness capability is applicable to organizational processes and, when applied by a commander within an organization, is tailored to the unique needs of the organization and normally implemented with the assistance of an OESO. Presents instructions on the role of the OESO in the programs of instruction presented by the USAAVNC. The OESO acts as a consultant in the design of the instructional system used to present OE instruction at USAAVNC.

PERSONNEL:

OE Division consists of three officer and one NCO authorized positions (Div Chief, 2-OESOs, 1-OENCO). Two OESOs are currently assigned.

MAJ Eugene Heuschel became chief of the OE Division on 13 July 1978. MAJ James W. Carmack II assumed duties as OE Staff Officer on 21 July 1978.

ACCOMPLISHMENTS:

OE Division became a separate division of the DPCA.

An OE reference file of professional books, video cassettes, and films was established.

An OE budget of $21,000 was programed.

Five OESO teams from Fort Ord, CA, visited Fort Rucker in July 1978 and conducted five OE operations. Additionally, the teams presented the Leadership and Management Development Course to 16 civilians and 38 military personnel.

The USAAVNC OESOs presented the "Role of the OESO" to the WOAC, WOSC, WOCD, NCOES, and the Aviation Commanders' Readiness Course on a scheduled basis.

General Organizational Questionnaire capability was established with MISO.

Commander's Handbook on OE printed and used to complement USAAVNC OE Program.

Seven OE operations were begun within the Directorate of Training and 1st Aviation Brigade. All seven operations are ongoing at this time. Additionally, the five operations begun by the Fort Ord OESO teams were followed up and completed.

MAJ Carmack attended the Precommand Course Conference at Fort Ord in September 1978.

MAJ Heuschel attended the OE Service School Instructors' Conference at Fort Ord in December 1978.

OE Key Managers' Courses were scheduled for OE key managers. LTC Moore, Deputy DPCA, attended the one-week course at Leesburg, VA, in December 1978.

ADJUTANT GENERAL DIVISION

MISSION:

Advises and assists the Director of Personnel and Community Activities on all personnel and administrative services matters.

ORGANIZATION:

The Adjutant General (AG) Division is organized into the following branches:

Consolidated Military Personnel Activity (COMPACT)
Administrative Services Branch
Reenlistment Branch
Retirement Services Branch

PERSONNEL:

LTC James E. Crouch has served as the Adjutant General sinch March 1977.

ACCOMPLISHMENTS:

On 1 April 1978, the E-2/E-3 Automatic Progression Procedures were implemented. This new system of automatic promotion is an improvement as it has eliminated the requirement to publish orders for E-3 promotions.

The Overhead Detail Regulation (USAAVNC Reg 210-27) was revised to incorporate various changes including: procedures to apply for relief of tasking; exemption of tenant activities from long term details; division of details into long (three days or more) and short (two days or less) terms; and optimum use of casual personnel.

A block of instruction on the preparation of EER/SEERs was incorporated into the Basic Supervisory Development Training Course conducted by the Office of Civilian Personnel.

On 26 August 1978, the Retirement Services Branch conducted the installation's fourth annual Retiree Open House for the Army retired community within Fort Rucker's area of responsibility. The event was attended by 245 retirees, 251 spouses and other guests, and four surviving widows. This total attendance of 500 exceeded a previous high of 265. The Deputy Commander, BG James H. Patterson, gave the welcoming address. Key speakers were Representative William L. Dickinson (Republican-Alabama) and LTC Robert R. Kauffman, Chief, Retired Activities Division, The Adjutant General Center, Washington, DC. Also participating in the Open House were representatives of the various post service facilities, the Veterans' Administration, the Social Security Administration, and the Alabama Employment Service.

As a result of manpower constraints faced by Fort Rucker, we were forced to reduce the area in which veteran funeral support is provided from a 50-mile radius of Fort Rucker to 30 miles. Effective date of this change was 16 September 1978.

On 6 November 1978, new procedures via request terminal were implemented to obtain assignments for AIT students who were eliminated from training at Fort Rucker.

Formal conversion of the Base Operating Information System from paper to microfiche was implemented on 21 April 1978. The USAAVNC had implemented a computer output microfilm system in April 1977 for local systems and was the first installation in TRADOC to convert records to microfiche. Representatives from DAAG provided training to users and computer specialists; readers and reader-printers were provided by DA, and the standard computer output microfilm equipment was installed in April 1978. All standard information systems were phased-in in 1978. The USAAVNC was again the first in TRADOC to provide the standard system.

In/outprocessing procedures have been modified to help reduce the amount of lost time and some of the irritants associated with installation clearance. These procedural changes have significantly reduced the number of activities the service member must clear and have enabled the outprocessing and departure of AIT students within 24 hours after graduation.

In order to provide better service to soldiers upon their initial arrival at Fort Rucker, on 12 June 1978, an Arrival Center was established within the AG Division. This center provides a central location for all arriving personnel to report and receive assistance and necessary information concerning housing, facilities on post, directives relating to in-processing, etc. The Arrival Center has enhanced Fort Rucker's image as a "People's Post" and presents a lasting impression that we really do care about the service member's welfare.

The Military Sponsor Program at Fort Rucker has been expanded and centralized within the AG Division. The expansion includes a welcome letter being sent to every inbound service member with a complete packet of information concerning Fort Rucker and the surrounding areas. Because of the expansion and centralization of the program, the service member is now provided this vital information within two weeks of notification of assignment. This initial correspondence and information allows the sponsor to concentrate his/her efforts to the specific needs of the service member.

On 3 July 1978, a recommended change to AR 611-201 was submitted to MILPERCEN to change the qualifications for entry and retention in aviation-related MOSs for individuals who have confirmed histories of alcoholism or recent over-indulgence in the use of alcohol, or improper use of any narcotic substance, marijuana (or its derivatives), or dangerous drugs. The recommended change was intended to provide commanders the latitude to remove these personnel from training or duties without the necessity to obtain a conviction, as currently provided. MILPERCEN approved this change on 19 October 1978 with the additional statement that they be retained if declared rehabilitated by competent medical authority. This revised qualification will be included in change 12, AR 611-201.

Great strides have been made this year in the area of Enlisted Evaluation Reports. Our late submission rate has plunged from 40 percent to less than five percent. Our error rate has improved similarly. Both improvements are a result of CSM involvement among the units. The current late rate for Officer Evaluation Reports is well below one percent.

During FY 78 Fort Rucker was credited with 152.1 percent initial term reenlistments and 131.4 percent second or subsequent term reenlistments, for a total of 135.9 percent credited reenlistments. Fort Rucker was tops in their division for all reenlistment goals during FY 78.

The Separation Transfer Point has been renovated to provide a briefing room and waiting area, as well as the addition of a television in the waiting area.

RECREATION SERVICES DIVISION

MISSION:

Increases the effectiveness of the Army by assisting commanders in maintaining the morale and the mental and physical fitness of Army personnel, their families, and other members of the military community. This is accomplished by promoting maximum participation in planned and diversified activities.

PERSONNEL:

MAJ Thomas J. Smith replaced MAJ Alan R. Keller as Recreation Services Officer on 20 December 1978.

ACCOMPLISHMENTS:

Dependent Youth Activities Branch: Mr. Billy Adkins was promoted to the position of Youth Activities Director in January 1978, and Mr. Edward L. Hess was employed as the temporary Youth Activities Sports Director. SFC Edmund Baum, NCOIC, Dependent Youth Activities, transferred to the position of NCOIC, Recreation Services Division, in August 1978.

The Youth Activities programs were given new direction in 1978. SFC Baum prepared a packet of information explaining all offerings available to the youth of the Fort Rucker community. The packets were available to all families upon registration at the youth center and to all incoming personnel.

An instructor was employed on a part-time basis for the youth dance program. Classes are offered in ballet, jazz, and modern dance. The gymnastic program expanded during the year, and the proficiency of the participants improved considerably. The gymnastic team gave good performances in all of the 1978 meets and, since the team has been sanctioned, Amateur Athletic Union membership is available to all participants.

Fall soccer was well received. DYA teams participated with teams from Ozark City Recreation, the Ozark Young Men's Christian Association, and the Dothan Recreation Department. The leagues were better organized; coaches were more abundant; and parental interest was at a new high. Mr. Edward Hess did an excellent job in promoting and implementing the program, and LTC William Reilly, who served as commissioner of the soccer program, offered many worthwhile ideas toward making the program a success.

The 1978 registration for basketball maintained its 1977 record turnout. There are four minor league teams, ages 8-9-10; three major league teams, ages 11-12; two pony league teams, ages 13-14; and two senior league teams, ages 15-16-17. Girls' interest in basketball decreased to the point where there were not enough participants to constitute a separate league; consequently, girls interested in playing basketball were placed on teams that formerly contained all boys. The outcome was very effective.

Baseball is the sport with the greatest appeal for youth at Fort Rucker. Participation in T-ball continues to expand and has become better organized. Franchised leagues are available to all: Dixie Youth, ages 12 and under; Dixie Boys, ages 13-14; and Dixie Majors, ages 15-18. The leagues expanded through the incorporation of neighboring civilian community teams. Teams from Daleville, Newton, and Level Plains participated in all leagues, and excellent community relations have evolved. Traveling teams represented the installation in post-season tournaments for all leagues, with the exception of T-ball.

The Dixie Boys, ages 13-14, participated in both the sanctioned tournament and the Southeast Military District Tournament. All traveling teams represented the installation in an outstanding manner.

Interest in girls' softball continued to grow in 1978. Three franchised leagues were available: Ponytails, ages 12 and under; Belles, ages 15 and under; and Debs, ages 18 and under. The Ponytails and Belles played in state tournaments held in Birmingham (Ponytails) and Huntsville, AL (Belles).

Football enjoyed its most successful season in years. Attendance showed an increase, and parent participation was wonderful. The parents collected gate charges, ran the concession stand, and worked on the field. The Pee Wees, ages 8-10, and Midgets, ages 11-12, participated in the Dale County Youth Football leagues, one of the best organized leagues in the south. The league is made up of teams from Ozark, Fort Rucker, Wicksburg, and Newton. MAJ Bob McDowell was the Fort Rucker League President and did an outstanding job. The 13-14 year olds and senior boys, ages 15-17, participated in leagues involving teams from Fort Benning, GA, with the senior boys winning the intra-post championship. A traveling team was organized for the Pee Wee and Midget teams. The Pee Wee team participated in Dothan, AL, and the Midgets played at Keesler Field, MS, and Dothan. The Midgets won both of their post-season games. The program was successful financially and in parent involvement and participation.

The youth competitive swim team, the Frogs, had a successful year. They are Amateur Athletic Union sanctioned and participate only in sanctioned meets.

Tennis clinics were provided by Mrs. Nancy White on a volunteer basis. The clinics were well attended.

As in previous years, much interest was shown in Youth Bowling. The winter league corresponds with the school year, September-May, and is available on Saturday mornings. The summer league is from 1 June through 31 August and is available on Wednesday mornings. Exceptional children bowl on Sundays.

A most successful boxing team was formed during the year. The team fought from the state of Georgia to the Mississippi River, and from St. Louis, MO, to Orlando, FL. The team has grown, as has spectator interest. Three fights were sponsored locally by Dependent Youth Activities and were well attended.

Frisbee golf was introduced during the year, and archery clinics were held for those interested in the sport. Kick ball was also a favorite pasttime for the youth.

Leisure time programs for the youth have considerably improved. Overall attendance of youth members in 1978 increased greatly over the previous year. Tournaments were available in such activities as spades, billiards, foosball, dominoes, checkers, ping pong, and air hockey. Organized dances were held twice monthly and were chaperoned by parents and friends of the youth. Participation was at an all time high.

A Dependent Youth Activities Youth Council was formed to give members an avenue to speak out on programs and activities. The Youth Council sponsored money raising activities to aid in the implementation of these programs and was a vital link in organizing the 1978 Homecoming event.

The girl scout program experienced its best year under the able leadership of Mrs. Nancy White. The day camp at Singing Pines was totally renovated by the 46th Engineer Battalion, their new sponsor, and a much more active scouting program has evolved.

Boy scouting, which has always been very active at Fort Rucker, enjoyed another successful year.

The Fort Rucker Skating Rink opened on 2 December. The rink, located in the Youth Activities gym, is open on Saturdays and Sundays and offers free skating lessons.

Library Branch: The library acquired a reader/printer which can be used to read microfilm or microfiche and will make hard copy. The library now has access to FLITE, Federal Legal Information Through Electronics, which has been very beneficial to patrons with inquiries about legal matters. This service provides ready-reference and will also provide documents relating to the research.

The Sports and Athletic Training Branch: Fort Rucker entered men and women's teams in the TRADOC level basketball, softball, bowling, tennis, and golf tournaments. "Fight Nights" were introduced to Fort Rucker in April 1978. The events offered adult and youth bouts and were well received by the installation.

During 17-18 December 1978, the Sports Branch hosted its annual invitational basketball tournament. Eight military installations participated.

The Sports and Athletic Training Branch had one major staff change in 1978. In November, the Sports Director, Mr. Billy Smith, departed for an overseas assignment in Germany.

Outdoor Recreation Branch: The Florida Recreation Area and the Lake Tholocco Recreation Area enjoyed excellent participation throughout the spring and summer months. The pier at the west beach, Lake Tholocco, was renovated under a self-help project, and many other improvements were made in the area for better customer satisfaction.

Recreation Center Branch: Several community-wide events were conducted in the Recreation Center during the year, i.e., the Community Pet Show, National Hispanic Week, and Santa's Christmas. E3 Andrew M. Nerona represented Fort Rucker in the TRADOC 14.1 Pocket Billiards Contest held at Fort McClellan, AL, 22-26 May. A total of 730 programs was planned and conducted in the Center throughout the year.

Music and Theatre Branch: The following plays were produced during the period March through August: Marriage Proposal, The Boor, Too Many Girls, the Farmer's Daughter, and She. There was a constant growth in production attendance and in theatre interest.

Arts and Crafts Branch: New arrivals were Mr. Dale Andrews, Arts and Crafts Director, and Ms. Pamela GaVette, Arts Specialist. Departures were Mr. Greg Green, Arts and Crafts Director, and Ms. Carol Holley, Supervisory Arts Specialist.

The Photographic Section of the Multiple Arts and Crafts Shop distinguished itself by its active participants winning three of TRADOC's seven awards in the Inter-Service Photo Contest. Award winners were CPT Geoffrey Schrimsher, SSG Rick Wasser, and SFC James P. Jenkins (Photo Instructor).

The professional members of the Arts and Crafts staff again distinguished and reemphasized their competence in all medias by winning a total of 20 awards in the Photo and Arts and Crafts Contest of the National Peanut Festival held in Dothan, AL. Among the staff's awards were ten first place in separate categories and one "Grand Award."

Arts and Crafts Cooperative Programs with other Corps programs within Recreation Services were very successful this year. Included were six exhibits and shows at the Center Library, three shows at the Recreation Center, along with quarterly demonstrations and presentations in arts and crafts, and several youth class presentations at the Arts and Crafts Centers with complete cooperation of Dependent Youth Activities. Arts and Crafts instructors also presented numerous workshops and classes to members of the Recreation Services Division staff to assist them in performing maintenance and minor repairs on their vehicles, mechanical equipment, and furniture.

Promotional emphasis has resulted in much improved post-wide participation in all Arts and Crafts Centers. This promotional effort has involved regular use of daily bulletins, 8 x 10 post-wide distributed flyers, news publications and use of photos/captions in the Army Flier, use of authorized news stories, promotional appearances by staff members at on-post organization meetings, and direct contact with unit commanders by the Arts and Crafts Director. Most

recently, one of the photo exhibits at the Center Library, by one of our participants, was promoted with a photograph and caption in the 25 December 1978 edition of the Army Flier.

ALCOHOL/DRUG ABUSE DIVISION

MISSION:

Prevents alcohol and other drug abuse; identifies alcohol and other drug abusers as early as possible; restores both military and civilian employee alcohol and other drug abusers to effective duty or identifies rehabilitation failures for separation from government service; and provides for program evaluation and research.

ORGANIZATION:

The Alcohol/Drug Abuse Division (ADAD) was established at Fort Rucker in September 1971 as a section of the Human Relations Division. ADAD became a separate operation under the Directorate of Personnel and Community Activities in November 1973.

PERSONNEL:

MAJ Harry E. Potts, Jr., assumed division chief responsibilities from CPT Gary A. Keevert on 1 May 1978.

On 23 December 1978, Mr. Ron Sorrells was hired as the division Civilian Program Coordinator, a position which was recognized but not filled for approximately three years.

The US Army Aeromedical Center TDA positions (counselors) have been filled with the exception of a 91G position, which has been vacant for the reporting period. The Bio-Chemical Testing operation has been operated by augmentated TDA personnel. Those personnel were continually rotated with the longest assignment to the division being approximately 90 days. The manpower survey during November 1978 recognized three spaces more than the operating TDA.

ACCOMPLISHMENTS:

During the year, the ADAD staff presented 113 hours of alcohol/drug education classes to an estimated 2,454 military and civilian personnel. The DWI School graduated 74 personnel. The Alcohol/Drug Awareness Class (ADAC) was established in August 1978; 38 personnel have attended the course. ADAD counselors evaluated 683 military/civilian personnel. The average client caseload per month was 83; clients were clinically confirmed as alcohol/drug abusers.

The ADAD staff made appearances on local civilian television and radio programs to discuss the Army's Alcohol and Drug Abuse Program.

The Halfway House for live-in clients continued to remain closed.

During 1978, 430 urinalysis tests were conducted; 12 of the tests were command referred.

New letters, policies for referrals, and supervisor handbooks were prepared and distributed within the command.

ADAD staff personnel attended various seminars and schools related to rehabilitation and alcohol/drug counseling methods.

PROVOST MARSHAL

MISSION:

Advises the DPCA and command group on matters pertaining to maintenance of discipline, law, and order. Supervises the military law enforcement operation for the Fort Rucker military community and an assigned geographic area encompassing parts of Alabama, Florida, and Mississippi.

ORGANIZATION:

See chart on page 99.

The 141st MP Company supports the Provost Marshal's Office with personnel and logistics. The TO&E presently authorizes three officers and 96 enlisted personnel.

Sentinel Protective Services has provided security for all airfields, the ammunition storage dump and other sensitive buildings and facilities, and money escorts.

PERSONNEL:

CPT Alan M. Richardson served as Deputy Provost Marshal from June 1977 to March 1978, when he departed Fort Rucker.

CPT Richard J. Ciriello assumed duties as Deputy Provost Marshal in April 1978. He took command of the 141st MP Company in December 1978.

CPT Ronald E. Travers assumed duties as Deputy Provost Marshal in December 1978.

ACCOMPLISHMENTS:

The responsibility for the sale of hunting and fishing permits was transferred to the Game Warden Section from the Wildlife Association on 15 September 1978.

An Alabama Criminal Justice Information System (ACJIS) computer terminal was installed at the MP desk in August 1978.

Fort Rucker crime rates were below the TRADOC average in all categories, i.e., crimes of violence, crimes against property, and drug offenses.

A Dictaphone Recording System was received for use at the MP desk in November 1978. This system increases the capabilities of the Provost Marshal to accurately record and respond to all reports of emergencies and requests for assistance.

The following is a breakdown of the workload and statistics of the Provost Marshal's Office functional sections:

Game Warden Section

Hunters signed out - 7,572

Reported kills

Deer - 446

Dove - 74

Rabbit - 46

Squirrel - 364

Quail - 41

The Physical Security Section has accomplished the following inspections and actions:

Unsecured building reports - 169

Physical security inspections - 201

Physical security surveys - 31

Crime prevention inspections - 22

Alarm activations - 301

Courtesy inspections - 29

The Operations Section, in addition to exercising overall supervision of the law enforcement effort, has forwarded the following reports:

DA Form 3975 (MP reports) - 2,752

DD Form 1408 (traffic tickets) - 2,254

Traffic accident reports - 401

Post driving privilege suspensions - 97

The AWOL Apprehension Section processed and returned to military control 230 absentees.

The Military Police Investigation Section opened 987 cases and closed 965 cases. A breakdown of some of the cases follows:

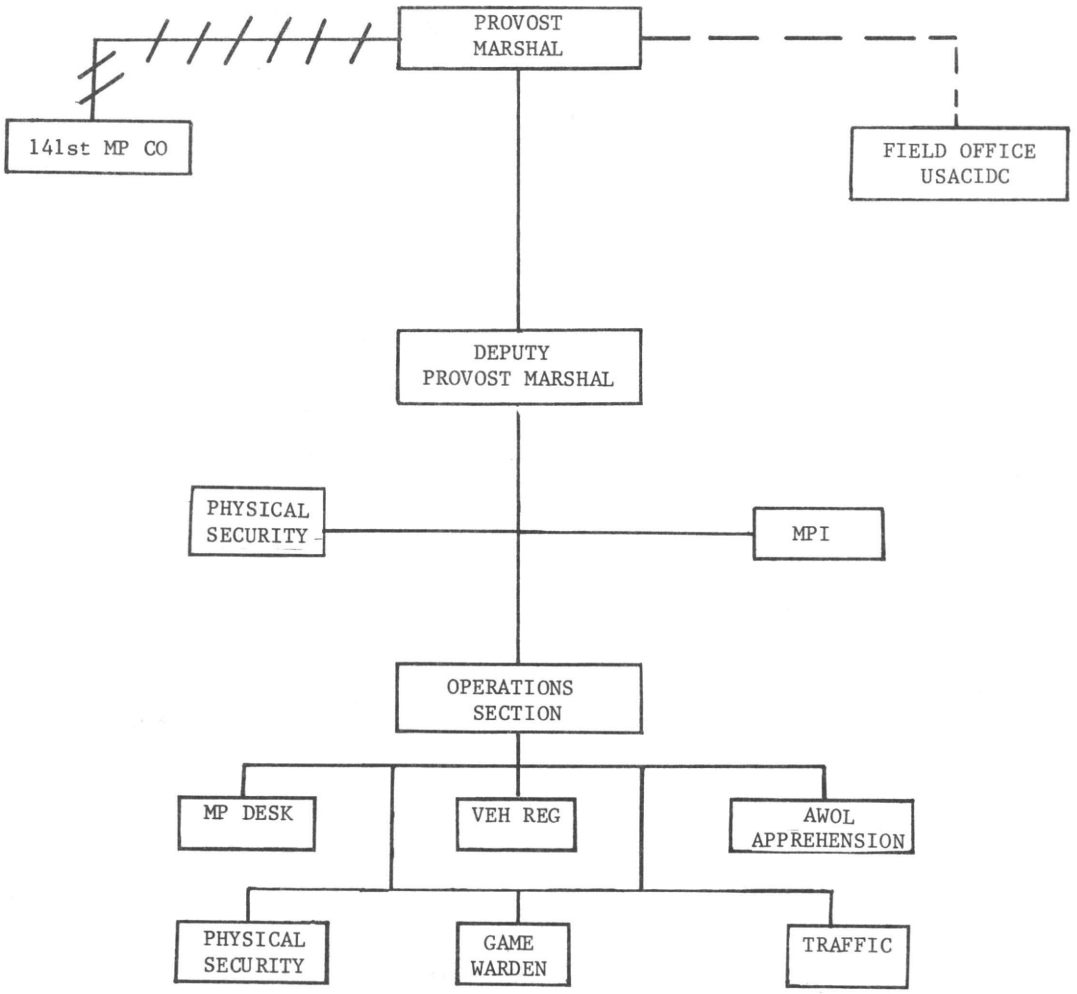
Offense	Subjects Identified	Cases
Simple assault/aggravated assault	37	36
Larcenies	60	270
Possession of marijuana/ found marijuana	249	238
Harassing/obscene phone calls	0	33
Civil cases	222	185
Housebreaking & unlawful entry	6	38
Miscellaneous	30	187

Value of private property stolen and recovered:

Stolen	Recovered
$13,601.15	$1,486.68

Value of government property stolen and recovered.

Stolen	Recovered
$ 3,441.70	$1,692.20



LEGEND: Supports PM with personnel and equipment.

Coordination with liaison with PM.

US ARMY AVIATION MUSEUM

MISSION:

Collects, restores, preserves, and displays significant items in the field of aviation relating to the history of the US Army.

PERSONNEL:

LTC (Ret) Thomas J. Sabiston served as Curator during 1978. Mr. James G. Craig served as Assistant Curator during 1978.

ACCOMPLISHMENTS:

The museum had 79,973 visitors during 1978. A total of 135 groups, consisting of public school children, college students, high school and college ROTC, military and civilian VIPs, civic clubs, and other organizations, visited the museum on tours conducted by museum personnel.

Historical items donated or transferred to the museum during 1978 totaled 450, ranging from small personal items to complete aircraft. Some of the more notable items acquired were:

F-51D (P-51D) "Mustang" - the last World War II fighter retired from active service in the United States

YAH-63 helicopter manufactured by Bell Helicopter Company for the Advance Attack Helicopter competition

L-17B "Navion"

U-8G "Seminole"

YUH-61A helicopter manufactured by Boeing Vertol for the UTTAS competition

L-18

CH-47A - oldest flying "Chinook" in the Army inventory at the time of donation

OV-1B "Mohawk"

T-37 - operation jet aircraft used by the Army in PROJECT LONGARM to determine organization, techniques, and procedures for higher performance observation aircraft within the US Army

Airport Communications Console

The US Army Aviation Museum's hot air balloon was flown at the Lake Eufaula Festival, Eufaula, AL.

A special exhibit of models of some of the inventions of Leonardo da Vinci was on display at the USAAVN Museum 16 November - 12 December 1978. This was IBM's traveling exhibition built according to da Vinci's scientific and technical drawings.

The museum collection now consists of 52 rotary wing aircraft, 38 fixed wing aircraft, and one lighter-than-air, along with hundreds of other items of Army aviation memorabilia valued at approximately $42 million.

DIRECTORATE OF INDUSTRIAL OPERATIONS

MISSION:

Directs all activities of the logistics program (supply, aircraft quality assurance, procurement, services, plans and operations, transportation, and maintenance) to include the management of facilities and material and other logistics aspects of actions which are involved in assuring the effective training of personnel. Evaluates industrial and commercial activities; monitors the program for care and disposition of remains of deceased personnel, special programs, tests and evaluation of new and existing logistical systems, and correlation of data systems and procedures affecting logistics operations.

ORGANIZATION:

The Directorate of Industrial Operations (DIO) is organized into the following divisions:

Supply and Services Division
Procurement Division
Transportation Division
Maintenance Division
Aircraft Logistics Management Division (ALMD)

Effective 1 May 1978, Housing Division was transferred to the Directorate of Facilities Engineering (DFAE).

PERSONNEL:

The following military personnel assignments were made:

Personnel	Position	Date Assigned
COL Harry G. Christopher	DIO	Sep 78
LTC B. W. Addy	C, Plans Br	Oct 78
LTC Walton H. Osborne, III	C, Sup/Svcs Div	Aug 78
MAJ Charles O. Porter	C, Transportation Div	Feb 78
CPT Gordon H. Bennett	C, TMP	Oct 78

SUPPLY AND SERVICES DIVISION

ACCOMPLISHMENTS:

On 9 April 1978, Supply and Services Division converted from the Base Operating System, Supply Subsystem (BASOPS), to the Standard Army Intermediate Level Supply System (SAILS). SAILS is the latest mechanized version of a standard Army Supply System. The Fort Rucker conversion was the most timely and most accurate of all conversions to the new system within TRADOC commands.

On 1 September 1978, a POL Management Branch was established to provide installation level management of petroleum, oils, and lubricants. The new branch includes the Fuels Laboratory and the Contracting Officer's Representative for the Refueling/Defueling Contract. The branch monitored all POL activities on the installation which entailed the receipt and issue of over 19 million gallons of fuel and oils during 1978 through the Jaxon contractor.

Installation support to Reserve and National Guard units undergoing ADT was provided by the Reserve Components Branch, Supply and Services Division. During 1978 over 7,766 reservists were accommodated, utilizing the 39 billets, five messhalls, and 14 administrative buildings available to them at Fort Rucker.

The Government Owned-Contractor Operated (GOCO) laundry contract was renegotiated in August 1978. The winning bid of $220,671.81 was submitted by Crown Laundry and Dry Cleaners, Pensacola, FL. Subsequently, laundry and dry cleaning services provided to the soldiers and dependents of Fort Rucker were upgraded.

A Clothing Sales Store Annex was operated at Camp Shelby, MS, during the period 20 May

through 11 August 1978. Support was provided to a total of 6,959 customers during the 11-week operation. The dollar value of sales exceeded $89,700.

PROCUREMENT DIVISION

MISSION:

Plans, directs, and is responsible for executing all activities of the central purchasing and contracting office supporting the USAAVNC and Fort Rucker, satellited agencies and installations to include utility and communication services.

PERSONNEL:

MAJ Ralph Tomita served as Chief during 1978.

ACCOMPLISHMENTS:

Training: Mandatory procurement training continues to receive emphasis with an overall 89.4 percent completion rate for all careerists and noncareerists. Completion percentages were not significantly increased due to new personnel assignments and revision of mandatory requirements. A total of 11 mandatory courses were completed. Individual development plan program was implemented, and a total of 33 technical and professional courses were completed. Intern training continues to receive emphasis and resulted in one intern being selected six months ahead of the scheduled completion date. A new cycle of intern training commenced on 30 October 1978. Additionally, selections for the initial input in the Cooperative Education Program was made, and formal training will commence in January 1979. This program is designed for minority college students to gain experience in a procurement office and, if selected, continue in the TRADOC procurement intern program.

Advance Procurement Planning Program (APPP): The APPP continued to be emphasized, and improvements continue to be made. This comprehensive plan includes all known recurring service, construction, supply, education, and purchase requirements. The construction "shelf project" program, which involves submission and processing of requirements awaiting administrative approval and "Subject to Availability of Funds (SAF)" programs were again effectively used. DFAE project priority list is also utilized to coordinate and plan workloads. These APPP actions resulted in an overall 14 percent reduction of fourth quarter solicitations in FY 78 in comparison to FY 77 (26 percent). The 12-percent overall solicitation rate is the lowest in TRADOC.

Automated Career Management System (ACMS): DOD ACMS program was initiated in February 1978 and designed to fill GS-13 and above position vacancies based on individual quality of experience. Careerists GS-05 and above in the GS 1101, 1102, 1103, 1150, 1910, and 1960 series were to be registered. ACMS registration is the responsibility of the Office of Civilian Personnel. All GS-11 and above careerists have been registered.

Contract and Contract Administration Improvements:

Contracting Officer's Representative (COR) functions continue to receive emphasis. CORs are briefed on their duties and their appointment letters. A COR Handbook (USAAVNC Pamphlet 715-1) was distributed to all activities to familiarize CORs with their authority, responsibility, duties, and contractual terminology and the relationship between the contractor and contracting officer. Bi-monthly DFAE/DIO coordination meetings and weekly DFAE Inspector/COR/Contracting Officer meetings are also held to discuss contractual problems, contractor progress, and projections of construction requirements. These actions have averted many contractual problems to the government's benefit.

Contractor payroll processing procedures were revised to require contractors to complete payroll estimate forms. This work was previously done by DFAE personnel. This revised procedure eliminated administrative processing time and duplicative efforts. Contractor submissions are verified from government records, approved for payment, or returned for

correction. This system alleviated problems encountered in processing contractor payroll estimates and improved the timeliness of payments.

Bidder's Mailing List (BML) files were revised to include additional information and were screened to insure that bidder's application forms were on file. This revision will allow updating and reduction of BML files as well as a centralized resource point for all procurement personnel.

TRADOC's uniform construction format was implemented. This is a standardized format used by all TRADOC procurement divisions. Several changes were recommended that have assisted in the development and review of construction solicitations.

Lease versus purchase analysis has been emphasized and resulted in many activities purchasing machines more advantageous to the government. This analysis requires activities to determine the cost effectiveness of rental equipment versus purchase.

Automotive Parts Blanket Purchase Orders were established with several local vendors designated by the various automotive corporations. This procedure assists activities requiring automotive parts to place direct orders with designated vendors from prepriced parts lists. Additionally, semiannual reviews of Blanket Purchase Orders and Blanket Purchase Agreements are conducted to determine the necessity of such arrangements and to reduce the manhours required to monitor these agreements.

Purchase and Contract Workload:

Contract workload in FY 78 was approximately the same as FY 77. Increased use of requirement type contracts has reduced several smaller requirements. Requirements contracts have increased the contract administration and administrative processing time required to issue delivery orders.

Purchasing workload has increased significantly since the implementation of the Standard Army Installation Level Supply System (SAILS). There has been an approximate 25-percent increase in requirements received and processed. There has also been an eight percent increase in the number of line items processed. Additional administrative time is required to process each requirement due to the single line item nature of SAILS.

Priority purchasing and contracting support have been provided to AGARD, AAPR Conferences, J-CATCH, Equal Opportunity Workshop, C-12 Simulator Training, radiologists, and sports officials. Additional requirements are also being received which should be contracted for by commodity assigned activities. This trend is increasing the number and complexity of procurements being accomplished at Fort Rucker.

TRANSPORTATION DIVISION

MISSION:

Arranges for the movement of PCS and TDY personnel, personal property, and freight shipments; provides a fleet of administrative-use vehicles to units and activities assigned and tenanted on Fort Rucker as well as USAR and ROTC units in southern Alabama and southern Mississippi.

PERSONNEL:

MAJ Charles O. Porter was assigned as chief in March 1978.

ACCOMPLISHMENTS:

The Transportation Division assumed responsibility for the receiving of all freight shipments to Fort Rucker in February 1978 when it began operation of the Fort Rucker Central Receiving Point (CRP). Since February the CRP has received over 60,000 tons of supplies and equipment.

Following a complete renovation of the interior of Building 5501, the Capitol Motor Lines Trailways Bus Station was moved to that location from Building 618 on 20 November 1978. The relocation of this facility has provided Fort Rucker personnel a more convenient location for their bus station and enables the new arrival to disembark the bus at the Arrival Center.

MAINTENANCE DIVISION

MISSION:

Serves as installation support maintenance manager. Advises the Director, Industrial Operations, on matters pertaining to the Maintenance Division. Performs long and short range planning of assigned workloads. Acts as COR for the purpose of inspecting and accepting services. Exercises direct supervision of direct/general support maintenance of all material in satellited activities to include USAR, ROTC, and active Army units in southern Mississippi, south Alabama, and northwest Florida. Determines the effectiveness and adequacy of organizational maintenance performed on Army equipment in the possession of troops.

PERSONNEL:

Mr. Thomas J. Hedrick, General Equipment Maintenance Officer, departed November 1978.

ACCOMPLISHMENTS:

Maintenance Division's assigned mission of performing DS/GS maintenance on armament had decreased to approximately one-third of a man year. This workload would not support retention of a full-time civilian employee. Therefore, an Interservice Support Agreement has been established with Maintenance Division, DIO, at Fort Benning, GA, to accomplish all maintenance of weapons. Maintenance Division and Supply and Services Division have coordinated efforts to store weapons submitted for maintenance in the Supply and Services Division Arms Room until the weapons are transported to Fort Benning. This procedure permitted Maintenance Division to deactivate the arms room within the Allied Trades Section and transfer the one civilian position to another work area.

Since December 1977, all parachute packing has been provided this installation by Fort Benning, GA, due to a personnel shortage at Fort Rucker. Assignment of three parachute packers during November 1978 allowed this division to resume parachute repack operations.

Assignment of a full-time permanent civilian to the Cannibalization Point has permitted the Maintenance Division to provide improved service to unit/activities requiring low mortality components and assemblies. These components/assemblies are now removed from equipment that has been inspected/coded for disposition and authorized by Supply and Services Division for the Cannibalization Point. This improved service has had an impact on improving the materiel readiness posture of troop units. The practice of recovering cannibalized components/assemblies as opposed to ordering new ones has resulted in a monetary savings of $37,000 since March 1978.

AIRCRAFT LOGISTICS MANAGEMENT DIVISION

ACCOMPLISHMENTS:

Field modifications and evaluations continue in order to provide an aircraft compatible with AN/PVS Night Vision Goggles and Night NOE training. To this end, all UH-1H aircraft assigned to the school fleet and located at Lowe AHP have received numerous cockpit environmental modifications to include use of nonreflective paint, instrument lighting, and exterior IR filter lighting.

All BB 433/A NICAD batteries utilized in the UH-1H, AH-1, and OV-1 aircraft have been modified, utilizing permion cells in lieu of cellophane coated cells. Reliability of the modified batteries has proven to be quite successful with no history of previously experienced thermal runaways. Due to the rapid accumulation of flying hours by the school fleet and the resultant high frequency of inspections, the inspection interval criteria has been extended from 100 to 200 hours with no deterioration of performance.

Evaluation continued in conjunction with the US Army Air Mobility Research and Development Laboratory, Fort Eustis, VA, of the Structural Integrity Recording System (SIRS). Test equipment has been installed on five TH-1G and six AH-1S aircraft. Evaluation was delayed during the past five months of the year due to test equipment modifications. It is anticipated that the evaluation will continue through 1979.

Monitoring modifications and testing for the Oil Debris and Filtration Program for UH-1/AH-1 aircraft will continue through 1979. Tests are being conducted in conjunction with the US Army Air Mobility Research and Development Laboratory, Fort Eustis, VA, to determine if better filtration of lubricants will extend service life of engine, transmission, and gearbox components. Tests also include improved burn-off chip detector systems.

Evaluations were made of seven closed circuit fuel system receivers manufactured by the Wiggins Company, Los Angeles, CA, for UH-1/AH-1 aircraft. The receivers were installed in four UH-1 and three AH-1 aircraft. In all cases, numerous deficiencies or problem areas were encountered during the test period, and receivers were not recommended for procurement.

All assigned UH-1 aircraft are being modified with the newly designed and improved engine to transmission main drive shfafts. Sufficient airframe modification work order kits and Kamantices replacement shafts are on hand to modify the current fleet. To date, 50 installations have been completed, and work will continue until applicable aircraft have been modified.

Main rotor mast reinforcement plugs were received and installed in all assigned UH-1 aircraft. This was part of an Armywide modification program.

Authority was granted by TSARCOM for Fort Rucker to extend the time between overhaul (TBO) of T-53 engines to 3,000 hours. Although this extension applies only to this installation, it is one facet of the Reliability Centered Maintenance (RCM) concept being developed and implemented throughout Army aviation.

Logistics planning and coordination has been completed to support arrival of UH-60 Black Hawk and OH-58C at Fort Rucker.

Initial evaluation of the logistical impact to support the Naval Rotor Wing Training mission has been identified.

The Aircraft Logistics Management Division coordinated the transfer of 46 aircraft onto and away from Fort Rucker during the calendar year. These transfers included aircraft reassignments to depots, National Guard units, and other installations. They also included aircraft gains from depots and other installations. Primarily as a result of these transfers, the following changes in the US Army Aviation Center inventory occurred during 1978.

Aircraft	Assigned 9 Dec 77	Assigned 20 Dec 78	Change
U-8	2	0	- 2
U-21	3	3	0
OV-1	5	7	+ 2
T-42	10	11	+ 1
CH-47	13	13	0
UH-1M	6	5	- 1
UH-1H	199	195	- 4
OH-6	2	0	- 2
CH-54	3	1	- 2
OH-58	9	20	+11
TH-55	146	143	- 3
TH-1G	13	17	+ 4
AH-1S	6	6	0
	417	421	+ 4

DIRECTORATE OF FACILITIES ENGINEERING

MISSION:

Directs installation engineering projects and services; master planning and construction; execution, inspection, supervision, and acceptance of engineering contracts; real estate acquisition, management, and disposal; construction contract proposals and specifications; operation and maintenance of utilities; maintenance and/or repair of real property and facilities; minor construction; fire prevention and protection; supply and storage of items peculiar to DFAE maintenance and construction functions; maintenance of installed property; centralized management and administration of installation housing program. Monitors all aspects of the National Environmental Policy act and other Federal environmental laws, executive orders, and regulations concerning environmental quality as pertains to Fort Rucker.

ORGANIZATION:

The Directorate of Facilities Engineering (DFAE) is composed of nine functional elements:

Administrative Office
Engineering Plans and Services Division
Environmental Office
Engineering Resources Management Division
Supply-Storage Division
Buildings and Grounds Division
Fire Prevention and Protection Division
Utilities Division
Housing Division

PERSONNEL:

LTC Jasper K. Champion served as Director during 1978. Mr. Frank O. White served as Deputy Director during 1978.

ENGINEERING, PLANS AND SERVICES DIVISION

ACCOMPLISHMENTS:

Contract for a major rehabilitation of the electrical distribution system was completed in March 1978 at a cost of $3,980,000.

An 18-chair dental clinic was completed in February 1978 at a cost of $941,000.

A new flight simulator building was begun in 1977. This facility is costing $1,282,000 and is expected to be completed in February 1979.

An environmental project to provide industrial and domestic waste treatment facilities was begun in 1977 and completed in August 1978 at a cost of $508,000.

An aeromedical facility was begun in May 1978, and construction is expected to be completed in July 1980 at a cost of $7,617,000.

A minor MCA project to provide facilities for Aviation Medicine and Physical Examination Sections of Lyster Army Hospital was begun in February 1978 and completed in November 1978 at a cost of $327,000.

Three minor MCAR projects to expand organizational maintenance shops at Livingston, AL, and Meridian and Gulfport, MS, were begun in November 1978; construction is scheduled for completion in April 1979 at a cost of $233,960.

During 1978, 83 minor construction and maintenance/repair contracts, costing $4,646,487, were completed. These are further enumerated as follows:

TYPE	NUMBER	COST
OMA	57	$3,553,846
USAR	3	75,373
Class II	2	66,000
Family Housing	21	951,268
	TOTAL	$4,646,487

Construction was a major activity at Fort Rucker in 1978. There was a total of $14,888,960 in MCA construction underway in 1978, and 83 OMA and minor construction projects completed at a cost of $4,646,487, for a grand total of $19,535,447. Division Chief during 1978 was Julian F. Botts.

ENVIRONMENTAL OFFICE

ACCOMPLISHMENTS:

A noise survey was begun in 1978 for Fort Rucker and should be completed in early 1979. The study is being conducted by the Construction Engineering Research Laboratory of Champaign, IL. This study will show the noise impact associated with Fort Rucker's ongoing mission.

The Department of the Army directed that all Army installations and satellited USAR centers be surveyed to identify any air and/or water pollution problems that had not previously been identified. As a result of this survey, an FY 79 minor MCA project and nine FY 80 minor MCAR projects have been programed for Fort Rucker to provide corrective measures for the identified pollution problems.

The draft Fort Rucker ongoing Mission Environmental Impact Statement (EIS) was reviewed by DA, and DA's comments have been incorporated. The EIS has been resubmitted to DA, where it will be submitted to various Army staff agencies for review and coordination.

A Mobile Sewage Bypass Pumping System was purchased by DFAE in 1978 with environmental funds. This system will allow raw sewage to be bypassed from one manhole to another while repairs are being made to sewer lines, thus eliminating the necessity to discharge the raw sewage on the ground or into streams.

SUPPLY-STORAGE DIVISION

ACCOMPLISHMENTS:

Purchases through the Army stock fund system totaled $1,905,380. Sales for the year were $1,885,789. During March and April 1978, supply accounting converted from BASOPS-PLUS to SAILS-PLUS.

BUILDINGS AND GROUNDS DIVISION

ACCOMPLISHMENTS:

Six hundred and eighty-three squares of built-up roofing were replaced by contract in the cantonment area and airfields in 1978.

Forestry activities continued to emphasize timber salvage. This included secondary salvage following Hurricane Eloise and range clearing south of Highway 27. Some 4,441,000 board

feet of sawtimber and 3,490 cords of pulpwood were harvested, totaling $523,903 received for forest products. Secondary salvage following Hurricane Eloise is continuing.

Wildlife activities included planting 17 corn fields by contract and 25 winter wheat fields by in-house forces. Fifteen Chufa fields were planted in-house, and 67 salt locations were maintained. Buckhorn Lake, Ech Lake, and Beaver Lake were managed by fertilizing and catfish feeding at Beaver Lake. Beaver Lake was restocked with 7,000 small catfish. Lake Tholocco's water level was lowered for a three-month period resulting in a good fishing year. Eight new winter rye fields were cleared and planted in the bow hunting areas. TAC Runkle was added to the huntable areas of Fort Rucker.

Shrubbery and fertilizer contracts were administered in the family housing areas, and extensive grass cutting contracts were administered at airfields, family housing, and cantonment areas.

A total of 160#/SY, 1,643,226 SY of hot plant mix was applied to Lowe Field and Allen Stagefield by contract at a cost of $381,540. A total of 120#/SY, 239,400 SY of hot plant mix was applied to Headquarters Road by contract at a cost of $50,902.

FIRE PREVENTION AND PROTECTION DIVISION

ACCOMPLISHMENTS:

The Fort Rucker Fire Department conducted 7,028 on-post fire inspections during 1978. The Fire Department responded to three mutual aid responses at the request of Enterprise, Geneva, and Daleville (a decrease of three from last year).

During 1978 there were 5,152 personnel who attended 85 classes and demonstrations emphasizing what action to take in the event of fire, including prevention measures and use of fire extinguishers. Major emphasis was placed on fire prevention during Spring Clean-Up Week in March and National Fire Prevention Week in October.

Twenty-four fires occurred during 1978. Army dollar loss resulting from these fires amounted to $15,656 (an increase of $11,514 over last year). Six fires (two structural, three woods, one military lubricating unit) were reported to higher headquarters.

In February 1978 the US Army adopted a family of new firefighting vehicles to replace the existing stock items. The military Class 530 series is being phased out. Fort Rucker currently has on order all new fire trucks authorized and should start receiving these vehicles in FY 82.

Commercial FM-type radios were ordered and received to replace the tactical radios currently used on the stagefields. The new radios are all on the same frequency and will be constantly monitored in the alarm communications center located in the main fire station. When installed, this system will keep the fire chief informed on all activities in the fire department and give him the control of all equipment and personnel during emergencies.

UTILITIES DIVISION

ACCOMPLISHMENTS:

The new facility to receive electrical energy at 100,000 volts was completed in February 1978. The new system reduces the incoming voltage to 44,000 volts and distributes it to three load centers for distribution to using facilities. The new system went into operation during the second quarter, FY 78. This is now the most modern electrical distribution system in the US Army inventory.

Bids were opened in December 1978 for a project to provide a computerized "Energy Management Control System" for the utility systems on post. This system, which will cost approximately

$1,000,000, will reduce energy usage and manpower requirements. The system cost will be self-liquidating through energy savings.

Black & Veach, Consulting Engineers, has a TRADOC contract to provide a Master Energy Plan for this and other installations. This plan is nearing completion, and eleven projects are being developed as a result of this study. The Energy Monitoring and Control System is the first project to be implemented. Each of the projects will be funded by ECIP money. ECIP projects must meet two criteria; first, they must save energy, and second, they must save enough money to amortize themselves within a reasonable period of time. Since all projects compete for monies, the energy savers that amortize quickest will be funded first.

HOUSING DIVISION

MISSION:

Provides centralized management of all housing functions of the installation to include housing requirements, programing, budgeting, assignments, and off-post referral services; billeting functions pertaining to the assignment of all quarters; and maintenance of furniture and furnishing property books for family housing, bachelor housing, and troop barracks.

ORGANIZATION:

All housing functions were reassigned from the Directorate of Industrial Operations (DIO) to the Directorate of Facilities Engineering (DFAE) during the year. The division was placed under the operational control of DFAE 30 April 1978 and was officially transferred in total on 30 September 1978. The Housing Division is composed of three branches:

Family Housing Branch
Furnishings Management Branch
Billeting Branch

PERSONNEL:

Authorized personnel strengths were 10 military, 20 appropriated fund, and 47 nonappropriated fund civilian personnel during the year.

Mr. William F. Hodgkinson, Chief of Housing Division, departed November 1978.

Mrs. Myree P. Horne became Chief of Housing Division in December 1978.

FAMILY HOUSING BRANCH

MISSION:

Determines current and long-range family housing requirements, and develops programs for construction, operations, and maintenance to include services, utilities, maintenance, repair, and incidental improvements. Screens and processes job order requests for major repairs or improvements. Reviews preventive maintenance program, and conducts review and analysis of family housing costs. Monitors the self-help program. Maintains inventory of government controlled housing and real property serving family housing only. Administers the government quarters rental program and substandard housing program. Provides off-post referral and placement services for family and bachelor housing; conducts housing surveys; maintains liaison with local community and realtors to determine extent of community housing support; and counsels individuals on off-post living. Interviews personnel to determine eligibility and order of priority for occupancy; maintains priority listing and roster of anticipated vacancies; and provides technical assistance in individual lease transactions. Mediates tenant/landlord complaints. Assigns and terminates occupancy in family housing and government-owned trailers and trailer spaces in trailer parks. Maintains an inventory of family housing dwelling units and utilization records, and prepares reports. Performs

assignment inspections with incoming occupants, pretermination inspections, and termination inspections with outgoing occupants. Inspects and verifies completion of work requirements.

ORGANIZATION:

The Family Housing Branch is composed of four major sections:

Management and Administration
Assignment, Termination, and Inspection
Housing Referral (HRO)
Facilities

PERSONNEL:

The branch is authorized 13 civilian personnel.

ACCOMPLISHMENTS:

During 1978 the Family Housing Branch terminated and assigned 2,008 sets of quarters, a 4.5 percent increase over 1977. This represents a turnover rate of 66 percent as opposed to a 63 percent rate in 1977.

Average occupancy rate for all family housing units for the year was 99.25 percent.

Of 2,494 persons eligible for off-post housing assistance reporting to Housing Referral Office for assistance, 1,888 persons requested assistance and 1,340 were housed as a result of HRO assistance. Approximately 125 additional bachelor personnel were processed.

The Housing Referral Office listed 595 off-post housing units as being available for sale or rental on a nondiscriminatory basis.

In order to equalize the waiting periods for family quarters, 56 sets of previously reallocated NCO quarters and 132 field grade quarters in Bowden Terrace were reallocated to company grade quarters. Sixty company grade units in Munson Heights were reallocated to NCO quarters.

Substandard Quarters, Lake Lot #4, was temporarily diverted to Bachelor Officer's Quarters (BOQ) status during April 1977. Five other substandard units, Lake Lot Nos. 1, 2, 3, 5, and 6, continued to be held in inactive status pending DOD decision on disposition of substandard quarters.

Thirty-three trailer spaces were deleted from the trailer park inventory.

A contract was awarded in January 1978 for rodding out drain lines in all housing areas.

A contract was awarded in January 1978 for replacement of screen doors in Allen Heights (PAs 1 and 2).

A contract was awarded in January 1978 for repair of control measures at 24" drain outlets.

A contract was awarded in February 1978 for fertilizing of lawns in all housing areas.

A contract was awarded in March 1978 for installation of utility meters at selected sites.

A contract was awarded in March 1978 for replacement of expended sod in all housing areas.

A contract was awarded in April 1978 for replacement of shrubbery.

A requirements type contract was awarded in May 1978 for replacement of siding on gable ends in Allen Heights and Munson Heights (PAs 1, 2, and 8 thru 12).

A contract was awarded in October 1978 for replacement of exterior patio lights as required in all housing areas.

Interior painting, floor refinishing, and door replacement were accomplished as required through issuance of delivery orders against a requirements contract awarded during 1977.

BILLETING BRANCH

MISSION:

Assigns and terminates assignments of personnel in bachelor housing. Manages transient housing facilities to include VOQs and VEQs. Except for troop barracks, conducts pre-termination, termination, and assignment inspections, and verifies completion of work requirements. Except for troops barracks, counsels tenants on standards and policy, and acts as grievance arbiter concerning government controlled housing project conditions. Maintains and analyzes inventory records and utilization data. Prepares reports and implements directives on the allocation and use of bachelor housing. Issues certificates of nonavailability of government quarters. Collects service charges and maintains records for cost of laundering linens, maid service, and other services directly connected with the operation of bachelor accommodations and appropriated fund operated transient billets. Supervises janitorial, maid, and linen exchange services, and performs other tasks related to quarters maintenance.

ORGANIZATION:

The Billeting Branch is composed of five major sections:

Management and Administration
Assignment and Termination
Accounting
Supply and Services
Housekeeping

PERSONNEL:

Authorized five military, two appropriated fund (Housing Project Manager and Service Supervisor), and 47 nonappropriated fund civilians; eight (seven military and one student aide) additional personnel are assigned.

ACCOMPLISHMENTS:

Implementation of AR 210-52, Transient Quarters, resulted in the diversion of 300 BOQ/SEBQ rooms to VOQ/VEQ facilities. This diversion left a balance of 260 BOQ and 20 SEBQ rooms for assignment to PCS bachelor and sponsor personnel.

Occupancy in the 260 BOQ, 20 SEBQ, and 300 transient quarters averaged 85 percent. This rate of occupancy is the result of extensive utilization programing and strict adherence to the directives regarding the issuance of certificate of nonavailability. Assignment policies have been closely monitored to insure maximum utilization under existing training loads and personnel input.

In addition to the permanent quarters shown above, the Billeting Branch has under its control 108 rooms in temporary buildings for permanently assigned/PCS student married but unaccompanied (geographical bachelor) personnel. During peak periods of annual training of Reserve and National Guard units, approximately 125 additional rooms in four temporary buildings were made available and controlled by the branch.

The Billeting Fund showed profits totaling $30,091 for FY 78. The first month of FY 79 showed a profit of $5,368. Increased occupancy rates and the implementation of AR 210-52, Transient Quarters, which made provisions for establishment of quarters for accommodation of dependents of TDY/transient personnel, have been the source of the increased income.

The $35,459 profits from operations and DA approval of one-time expenditure of non-appropriated funds made possible the redecoration of six common use areas located in Building 308. Five of the areas are used as recreation rooms for the occupants, and the sixth area is the lobby where registration is conducted. New furniture and paintings have arrived and are presently in use, and new carpet has been purchased and is to be installed in the near future.

Other planned expenditures under the DA approval include a lease agreement for a mini-computer, a lease agreement on 350 color televisions for transient quarters, and the purchase of 45 vacuum cleaners.

FURNISHINGS MANAGEMENT BRANCH

MISSION:

Manages inventories of furniture and household equipment necessary to support family and bachelor housing quarters to include troop barracks. Plans and programs for the control, storage, handling, distribution, and maintenance and repair of the inventories. Determines requirements for replacement of unserviceable items and initial issue furnishings for new housing. Requisitions, receives, stores, and issues furnishings, supplies, and equipment. Establishes and maintains records of inventory, condition, and utilization of furnishings. Performs annual inventories, and prepares reports for family and bachelor furnishings for submission to higher headquarters. Provides Program and Budget Office with necessary data for inclusion in FHMA and OMA budgets. Maintains property books for all housing furnishings.

ORGANIZATION:

The Furnishings Management Branch is composed of four sections:

Management and Administration
Property Book
Warehouse
Movement

PERSONNEL:

The branch is authorized four military and three civilian personnel.

ACCOMPLISHMENTS:

Phaseout of unserviceable family housing furnishings continued during 1978.

A project to refurbish all mattresses for troop units began in 1978.

A 100 percent physical inventory of all property assigned to the branch was conducted.

The self-help issue segment of the Warehouse Section added 10 new gasoline lawn mowers for customer service.

A separate property book was established for the Family Housing Management Account.

A policy was implemented which requires all furnishings to be picked up and returned to the Furnishings Management warehouse before a housing occupant can be cleared from quarters.

DIRECTORATE OF RESOURCE MANAGEMENT

MISSION:

Serves as the commander's principal staff officer for overall financial management, manpower management, United States Army Aviation Center (USAAVNC) organization, and approved management programs. Plans, directs, and controls the programing and budgeting, force development and manpower, management analysis and improvements, review and analysis, accounting and disbursing, and internal review responsibility of USAAVNC. Provides a variety of financial and management services to assist in obtaining, managing, and controlling USAAVNC resources. Develops and provides to higher headquarters cost analysis data as required. Provides input to higher headquarters regarding the Foreign Military Sales Program. Provides analyses of mission and program accomplishment and of resource availability and utilization as a basis for management decisions. Manages the USAAVNC manpower program, to include preparation and maintenance of Tables of Distribution and Allowances (TDAs)/Modification Tables of Organization and Equipment (MTOEs), in the review and assessment of current and future manpower and equipment utilization. Controls the civilian hire program. Directs and accomplishes Installation The Army Authorization Document System (ITAADS). Prepares and maintains the USAAVNC Organization and Functions Manual. Manages the US Army Training and Doctrine Command (TRADOC) Management Information System (TRAMIS). Serves as the Career Program Manager for the Comptroller and the Manpower Management Career Programs. Exercises direct supervision over budgeting and funding activities, cost analyses, financial services, accounting and disbursing internal review, automated data systems audit procedures, manpower and equipment activities, force structure management, statistical reporting, and management analyses. Exercises staff supervision over Nonappropriated Fund Central Accounting Branch (NAFCAB).

ORGANIZATION:

The Directorate of Resource Management (DRM) is organized into the following subdivisions effective 1 October 1978:

Administrative Office
Force Development Division
Management Analysis Division
Internal Review Division
Program and Budget Division
Finance and Accounting Division

PERSONNEL:

On 31 January 1978, LTC Paul Bozeman, Comptroller, retired following 20 years active duty.

On 21 June 1978, LTC Charles L. Woodhurst, Chief, Office Force Development, departed for assignment as Deputy Chief of Staff.

ACCOMPLISHMENTS:

Conferences/seminars:

On 28 February - 1 March 1978, Mr. Danny L. Wright, Comptroller Career Program Coordinator, attended the Comptroller Civilian Career Program - Career Appraisal and Individual Development Plan Seminar conducted at Atlanta, GA.

On 6 April 1978, COL William F. Koehler, DRM, presented the first class on Financial Management for the Aviation Commanders' Readiness Course which is conducted monthly.

On 16-18 May 1978, Mr. Danny L. Wright, Deputy Director, participated in the Aviation Training Conference held at TRADOC, Fort Monroe, VA.

On 24-27 May 1978, Mr. Danny L. Wright attended the annual meeting of the American Society of Military Comptrollers held at Tucson, AZ.

Installation Accountant.

Representatives of Arthur Young and Company conducted an examination of the USAAVNC accounting program, 16 January - 10 March 1978, in connection with their overall contract to examine the Army accounting systems at all levels.

TRADOC cadre conducted onsite financial training, 9-13 February 1978 on the Standard Army Intermediate Level Supply System (SAILS).

SAILS was implemented at Fort Rucker on 1 April 1978. Assistance was provided by TRADOC and USAFAC during conversion and the first month of operation. The DRM was responsible for the Stock Fund/FIA portion of the system.

On 24-26 July 1978, Mr. Roy Locklar, Installation Accountant, attended the Third Worldwide Finance and Accounting Conference held at US Army Finance.

On 17-19 October 1978, Roy Locklar attended a SAILS Functional System Change Request Utilization Board (SCRUB) meeting held at USAFAC, Fort Benjamin Harrison, IN. The board evaluated all outstanding systems change requests for SAILS-Stock Fund/FIA and assigned priorities for completion.

Cost Analysis.

The cost analysis function, which is responsible for developing and accomplishing the TRADOC Cost Analysis Program at USAAVNC, was instrumental in providing resource data for some important studies and reports involving USAAVNC input to the Department of Army and Department of Defense.

Cost Analysis Reports:

As a result of congressional hearings, the Senate Armed Services Committee requested base operating support costs data for DOD installations. USAAVNC data was developed for FY 76/77 by the DRM Cost Analysis Section and provided TRADOC in the Domestic Base Factors Report (DBFR) on 12 January 1978. This report was originally initiated as a one-time requirement but was later changed to a recurring report. DRM Cost Analysis Section provided TRADOC the Domestic Base Factors Report for FY 78 on 15 November 1978.

Studies:

Consolidation of Udergraduate Helicopter Pilot Training (UHPT). During February 1978, USAAVNC was tasked to develop resource requirements to support consolidation of Navy Undergraduate Helicopter Pilot Training at Fort Rucker. Resource requirements were provided TRADOC at the Aviation Training Conference on 17-18 May. Subsequently, consolidation was defeated in Congress October 1978.

Army Surge. Due to the shortage of Army aviators, USAAVNC was tasked to develop resource requirements to alleviate aviator shortfall by FY 85/86 time frame. These resource requirements were presented to TRADOC at the Aviation Conference 17-18 May 1978. Resource requirements were accepted and startup training is planned to begin in FY 79.

Evaluation of 175/40 IERW. During the period 19 June - 8 September 1978, DRM Cost Analysis Section compiled data for evaluation of the 175/40 Initial Entry Rotary Wing Course. The evaluation was conducted in coordination with ARI and DES personnel. Scheduled completion of the evaluation report is 1979.

OPMS-15 Aviation Officer Career Program. During October 1978, USAAVNC was tasked to develop an initial impact on TRADOC and Fort Rucker for the implementation of various alternatives for an Aviation Officer Career Program. Resource estimates were developed by USAAVNC staff and presented to the Command Group on 1 November 1978. These estimates were undergoing refinement at the end of 1978.

INTERNAL REVIEW DIVISION

ACCOMPLISHMENTS:

Congressional Visits Monitored by Internal Review:

The Honorable William L. Dickinson, US Congressman, Alabama, visited Fort Rucker on 27 March 1978. The general purpose of the visit was for Congressman Dickinson to receive an update briefing on United States Army Aviation Center operations.

The Honorable James F. Lloyd, US Congressman, California; Mr. Don Waunch, Legislative Assistant; Mr. Jerry Giovaniello, Administrative Assistant; and COL John Barkett, Congressional Liaison, visited Fort Rucker during the period 16-18 February 1978. The general purpose of their visit was to receive an orientation briefing on United States Army Aviation Center operations.

Reviews, Surveys, and Visits by the United States General Accounting Office (USGAO):

Survey of the Effect of Minimum Vesting Requirements Under the Employee Retirement Income Security Act (ERISA) of 1974, Assignment Code 20728. The survey was initiated on 30 August 1978 and completed on 1 September 1978. A report was not issued to Fort Rucker.

Review of the Army's Close Air Support, Assignment Code 951345. The review was initiated on 9 January 1978 and completed on 14 July 1978. A report was not issued to Fort Rucker.

Review of the Army's Advanced Attack Helicopter (AAH) and HELLFIRE Missile Program, Assignment Code 951444. The review was initiated on 9 August 1978 and completed on 11 August 1978. A report was not issued to Fort Rucker.

Review of DOD Efforts to Achieve Compatible Land Use Around Airfields, Assignment Code 945313. The review was initiated on 17 January 1978 and completed on 3 February 1978. A report was not issued to Fort Rucker.

Audits, Reviews, and Visits by the Defense Audit Service (DAS):

Review of Aviator Requirements, Inventories, and Training Rates, Project 9FM-026. The review was initiated on 21 February 1978 and completed on 24 February 1978. A report was not issued to Fort Rucker.

Audit of Defense Motion Picture Production, Depository, and Distribution Facilities, Project 8FH-028. The audit was initiated on 22 May 1978 and completed on 24 May 1978. A report was not issued to Fort Rucker.

Review of the Acquisition and Requirements for Simulator Training Devices, Project No. 8AE-140. The review was initiated on 25 September 1978 and completed on 29 September 1978. A report was not issued to Fort Rucker.

Audit of Auxiliary Airfields, Project No. 8SI-117. The audit was initiated on 28 August 1978 and completed on 30 August 1978. A report was not issued to Fort Rucker.

Review of Projected Savings from Consolidation of Helicopter Training, Project No. 8AB-055. The review was initiated on 6 February 1978 and completed on 9 February 1978. A report was not issued to Fort Rucker.

Followup Review of Office Secretary of Defense (OSD), Report No. 823, Subject: Inter-service Audit of Tactical/Command Support Aircraft, Project No. 8ST-134. The review was initiated on 8 August 1978 and completed on 17 August 1978. A report was not issued to Fort Rucker.

Review of Training Requirements for Korean Students in Conjunction with US Force Reductions in Korea, Project No. 8SS-057. The review was initiated on 15 November 1978 and completed on 22 November 1978. A report was not issued to Fort Rucker.

Review of Dedicated Training Programs for Foreign Students, Project No. 8FA-161. The review was initiated on 6 November 1978 and completed on 17 November 1978. A draft finding was submitted to Fort Rucker for comment on 17 January 1979.

Audits, Reviews, and Visits by the United States Army Audit Agency (USAAA):

Audit of Troop Subsistence, Report No. SO 78-10. The audit was initiated on 5 July 1977 and the final report was dated 20 January 1978. The report contained three findings and recommendations. A formal installation reply to the findings and recommendations was required.

Followup Review of the Audit of Supply and Maintenance, Report No. SO 79-8. The review was initiated on 25 September 1978 and the final report was dated 15 January 1979. The report concluded that command had taken action to correct all problems identified in USAAA Audit Report No. SO 77-9.

Audit of the Fort Rucker Club System, Report No. SO 78-802. The audit was initiated on 21 March 1978 and completed on 25 July 1978. The report contained three findings and recommendations. A formal installation reply to the findings and recommendations was required.

Audit of the Fort Rucker Facilities Engineering Operation, Report No. SO 79-4. The audit was initiated on 14 June 1978 and completed on 9 November 1978. The report contained four findings and recommendations. A formal installation reply to the findings and recommendations was required.

Conferences and training courses attended by personnel of the Internal Review Division were as follows:

On 17-21 July 1978, Mr. Larry H. Redden (TRADOC intern) attended the Leadership and Management Development Course conducted at Fort Rucker, AL.

On 3-4 August 1978, Mr. Roy B. Ward and Mr. Kenneth D. Barrett attended the EO/EEO Workshop conducted at Fort Rucker, AL.

On 27-31 March 1978, Mr. Kenneth D. Barrett attended the Principles and Practices of Management Course conducted by the College of Industrial Management, Georgia Institute of Technology, at Atlanta, GA.

On 17-20 October 1978, Mr. Kenneth D. Barrett and Mr. Don W. Phillips attended the annual TRADOC Internal Review Conference at TRADOC.

On 14-16 November 1978, Mr. Kenneth D. Barrett attended the USAFAC/TRADOC Central Accounting Office Conference at TRADOC.

PROGRAM AND BUDGET DIVISION

ACCOMPLISHMENTS:

Budget Execution Review (BER). In late February and March 1978, this office prepared and submitted its FY 78 BER. Department of the Army did not require a BER for FY 78; however, a BER was required by HQ TRADOC. The BER is a major mid-year procedure used to adjust priorities, programs, and funds of major commands and installations. It is a means of measuring accomplishment toward goals and serves as a vehicle for the improvement of the programing and budgeting process.

Command Operating Budget Estimate (COBE). In April and May 1978, the Program and Budget Division developed and transmitted to major commands its FY 79/80 COBE. The COBE is a major comprehensive budget report prepared by installations and major commands and contains their detailed operating programs. The COBE provides data to support the Army's apportionment requests and is the basis for developing Annual Funding Programs.

Draft Installation Budget Contract. The FY 79 Draft Installation Budget Contract was transmitted to HQ TRADOC 31 October 1978 and considered a total OMA obligation authority of $109,978,500. The contract is a mutual agreement between the Commander of TRADOC and each installation commander. The installation contract summarizes both funding and manpower resources with which the subordinate commander agrees to accomplish his stated workload for the fiscal year. The principal philosophy behind the contract concept is to have a mutual understanding of what is and is not to be accomplished with available resources.

FY 78 Budget Actions:

Austere funding conditions continued in effect throughout FY 78. Continuous efforts were expended to obtain necessary funds for support of FY 78 operations. FY 78 actual obligations were as follows:

APPROPRIATION	AMOUNT
OMA (TRADOC)	$105,426,310
FHMA	2,923,886
RDTE	1,373,516
RPA	31,519
OMA (FORSCOM)	976,462
OMAR	1,042,084
OMARNG	60,351

FY 79 Budget Actions:

The TRADOC Installation Contract has not been signed (as of 31 December 1978). The purpose of the contract is to outline objectives to be accomplished within available resources. FY 79 resources made available by the Draft Installation Contract are:

APPROPRIATION	TRADOC	FORSCOM *
OMA	$109,978,500	$ 990,500
FHMA	2,626,000	-0-
OMAR	-0-	1,055,200
OMARNG	-0-	14,800
RPA	60,000	-0-
RDTE	1,287,000	-0-
ASF	32,213,000	-0-

*Contract not required by FORSCOM. Above figures were derived from Fund Authorization Documents (FADs).

The FY 79 training load furnished in the TRADOC Installation Contract is as follows:

	US	NATO	FMS	IMET	TOTAL
FLIGHT	(1,020)	(68)	(7)	(3)	(1,098)
Undergraduate	782	59	3	1	845
Graduate	238	9	4	2	253
NONFLIGHT					
TOTAL	1,934	68	7	8	2,017

The FY 79/80 COBE furnished TRADOC and FORSCOM in May 1978 considered fund requirements for FY 79 as follows:

	OMA FUND REQUIREMENTS	OMAR FUND REQUIREMENTS	FHMA FUND REQUIREMENTS
TRADOC	$134,060,000	-0-	$3,458,800
FORSCOM	1,168,500	$1,353,500	-0-

Conferences and training courses attended:

On 24-26 January 1978, Lucille S. Aldridge attended the FY 78 Army Foreign Military Training Conference, Fort Bliss, TX.

On 27-31 March 1978, George H. Broxson, Jr., attended the Executive Development Training Course, Atlanta, GA.

On 13-14 June 1978, Lucille S. Aldridge attended the OSD Tri-Service Conference on Pricing Security Assistance Training, Naval Air Station, Pensacola, FL.

On 8 July - 11 August 1978, Jimmie R. Evans attended the Military Comptrollership Course, Fort Benjamin Harrison, IN.

On 12-14 July 1978, Madge S. Jones attended a Stock Fund Seminar at Fort Monroe, VA.

On 10 July - 4 August 1978, George H. Broxson, Jr., attended the Defense Management Systems Course conducted by the Naval Post Graduate School, Monterey, CA.

On 10-13 October 1978, CPT Marc Snyder attended the TRADOC Resource Management Conference, Hampton, VA.

On 11-13 October 1978, Bettie R. James attended the Zero Base Budgeting Workshop, Louisville, KY.

On 16 October - 3 November 1978, Lucille S. Aldridge attended the Defense Security Assistance Management-Core, Wright-Patterson Air Force Base, OH.

On 6-9 December 1978, CPT Marc Snyder and Billy L. Stanford attended the Zero Base Budgeting Workshop, Atlanta, GA.

FINANCE AND ACCOUNTING DIVISION

ACCOMPLISHMENTS:

The JUMPS-Army reject rate for 1978 averaged 0.97 percent per month. Late pay change input during the year averaged 5.8 percent of automated items input into the JUMPS-Army System. Late pay changes were computed on a base of 19,522 automated items out of 158,197 total pay changes input during the year.

On 1 January 1978, a procedures change instituted by the US Army Finance and Accounting Center added a workload for input of tax data into the JUMPS-Army System. This change added a workload of 79,853 tax cards input during 1978.

A Class B Agent Office was operated at Camp Shelby, MS, during the period May - August 1978. During this time, approximately 28,000 payments in the amount of 7.6 million dollars were made to Army Reserve and National Guard personnel.

Christmas partial payments were made to 315 military personnel in the amount of $48,992.

Disbursements of $236,484,390.94 and collections of $79,990,168.56 were made during 1978, for an average daily business of $1,260,854.82.

The Finance and Accounting Division conducted a savings bond drive during July 1978.

Fiscal Year Closeout was accomplished in October 1978 with no difficulties encountered.

The Standard Army Intermediate Level Supply Subsystem (SAILS) was implemented as of 1 April 1978.

Average monthly workloads accomplished included 3,450 travel vouchers processed; 6,212 personal financial records maintained; 24,609 cash payments, collections, checks, and bonds; 6,267 commercial invoices processed; 2,680 civilian personnel paid; and 13,183 military pay changes.

During the period 10-13 October 1978, the DA Accounting Assistance Team from US Army Finance and Accounting Center conducted a review of the USAAVNC Finance and Accounting operations. Three findings concerning Installation Staff and Command and one finding concerning FAO were reported. All are minor in nature.

The Standard Nonappropriated Fund Accounting System (STANS) was implemented during July 1978.

On 19 July 1978, a Nonappropriated Fund Central Accounting Branch Advisory Council was reinstituted under the chairmanship of the Deputy Installation Commander.

Total NAFCAB operating expenses averaged $18,027 per month during 1978.

Conferences, Seminars/Schools:

On 26-31 March 1978, Mr. Donald B. Wilson attended Executive Development Training in Atlanta, GA.

On 8-12 May 1978, Ms. Helen Swearingen attended a Travel Clerk Training Course conducted by the US Army Institute of Administration, Fort Benjamin Harrison, IN.

On 15-19 May 1978, SSG Douglas Wegener attended JUMPS-Army Management Training and SP5 Robert G. Waller attended a Travel Clerk Training Course conducted by the US Army Institute of Administration, Fort Benjamin Harrison, IN.

On 22-26 May 1978, Ms. Mable Hatfield attended a Travel Supervisor Training Course conducted by the US Army Institute of Administration, Fort Benjamin Harrison, IN.

On 11-14 July 1978, Ms. Virginia Windham participated in a Stock Fund/Supply Management Seminar conducted by TRADOC.

On 23-26 July 1978, Mr. Donald B. Wilson and Mr. Roy Locklar attended the Worldwide Finance and Accounting Officers (FAO) Conference conducted by the US Army Finance and Accounting Center, Fort Benjamin Harrison, IN.

On 18-29 September 1978, SSG James R. Sumner and PFC Edna M. Bradley attended a RAP Leaders Course conducted at Fort Benning, GA.

On 25 September - 27 October 1978, Ms. Wilma W. Wynn attended the Military Accounting Course conducted by the US Army Institute of Administration, Fort Benjamin Harrison, IN.

On 2-6 October 1978, SSG Ray B. Jackson attended JUMPS-Army Management Training conducted by the US Army Institute of Administration, Fort Benjamin Harrison, IN.

On 11 November - 15 December 1978, Ms. Madalyn A. Coleman attended the Military Accounting Course conducted by the US Army Institute of Administration, Fort Benjamin Harrision, IN.

On 14-16 November 1978, Mr. Donald B. Wilson and CPT Carlos C. Williams attended the TRADOC Central Accounting Officer Conference at Hampton, VA.

On 27 November - 1 December 1978, SSG Roman J. Stuczka attended JUMPS-Army Management Training conducted by the US Army Institute of Administration, Fort Benjamin Harrison, IN.

FORCE DEVELOPMENT DIVISION

ORGANIZATION:

The Force Development Division was formed as a division level organization under Directorate of Resource Management on 1 October 1978. The Force Development Division exercises functional responsibility for manpower, organization, force structure, and equipment management; develops policy, plans, procedures, and directives affecting the allocation, control, and utilization of manpower and equipment resources; develops and manages the Center manpower program; directs and accomplishes Installation The Army Authorization Documents System (ITAADS) for the USAAVNC; and controls civilian hire program.

ACCOMPLISHMENTS:

Installation The Army Authorization Documents Systems (ITAADS): On 24 March 1978, USAAVNC formally converted from The Army Authorization Documents System (TAADS) to ITAADS, a computerized documentation procedure of manpower and equipment resource management.

TRADOC Manpower and Equipment Survey: The HQ, TRADOC Survey Office, Fort Monroe, Va, conducted the survey during the period 17 October to 17 November 1978. Organizations surveyed were USAAVNC, 1st Aviation Brigade, 141st MP Company, 260th FA Detachment, and Company C, 509th Infantry. The USAAVNBD was surveyed during the period 10-13 April 1978. The TRADOC Manpower and Equipment Utilization Survey is an onsite appraisal to determine the minimum number of manpower (civilian and military) and equipment assets needed to accomplish assigned missions. At the conclusion of the survey, a reclama session relative to team members' recommendations was conducted by TRADOC. Documented justification of new or additional information was presented to the Survey Team for reconsideration of recommended staffing. Results of the Manpower Survey with adjustments resulting from the Installation Reclama was used by the Force Development Division to develop TDAs reflecting the new manpower and equipment requirements base for all surveyed units and activities.

Mobilization TDA: On 3 April 1978, USAAVNC submitted Mobilization (MOB) TDAs for the USAAVNC and 1st Aviation Brigade to TRADOC. Mobilization TDAs are a key step in planning and preparation for the Post Mobilization mission. The MOB TDA is based upon the student training load capacity and assigned troop support mission associated with expanded MOB requirements.

Civilian Reduction Action: As a result of civilian manpower reductions directed by Congress and apportioned by OSD and DA, TRADOC was assessed an FY 78 civilian manpower reduction. The FY 78 reduction was received from TRADOC on 3 October 1977. The reduction of 55 civilians (51-USAAVNC, 4-1st Aviation Brigade) was accomplished through attrition and reassignment. A training base reduction (DPS 40) was directed by TRADOC on 27 February 1978 to be accomplished by 6 October 1978. This reduction (74 positions) was also accomplished by attrition and reassignment.

MANAGEMENT ANALYSIS DIVISION

ACCOMPLISHMENTS:

Principal management analysis studies conducted in 1978:

Installation Libraries

Feasibility of Establishing an Electronics Maintenance Shop in DFAE

Realignment of DS/GS Maintenance from Training Aids and Educational Television Branches, DTD, to DIO

Feasibility of Using Part-time in Lieu of Full-time Employees

Aviation Management Information System (AVMIS)

Directorate of Evaluation/Standardization

Training Support Division (TSD), DTD

Publications Production Branch, Training Literature Division, DTD

Pay Inquiry System

On 1 October 1978, TRADOC Management Information Systems (TRAMIS)/Combined Arms Center Management Information System (CACMIS) coverage at Fort Rucker was expanded to include DRM. This action was taken to provide all DRM personnel with an intimate knowledge of the systems and serve as an experiment in applying the systems to the management of base operations (BASOPS) activities.

Conferences and training courses/seminars attended:

On 20 February - 3 March 1978, Mr. Clark K. Davis attended Economic Analysis for Decision-Making Course at US Army Management Engineering Training Agency, Rock Island, IL.

On 24 April - 5 May 1978, Ms. Edith Stark attended Administrative Systems Analysis and Design Course at US Army Management Engineering Training Agency, Rock Island, IL.

On 13-17 June 1978, Mr. Benjamin H. Zorn attended the Data Processing Field Office (DPFO) TRAMIS Conference at Fort Leavenworth, KS.

On 2-5 October 1978, Ms. Edith Stark attended a CACMIS/TRAMIS Conference at Fort Leavenworth, KS.

On 13-17 November 1978, Mr. Harry G. Howell attended Middle Management Institute at Fort Rucker, AL.

MANAGEMENT INFORMATION SYSTEMS OFFICE

MISSION:

Is responsible for the combined duties of staff advisor to the Commander on all information systems and operation of the consolidated Data Processing Center (DPC) for Fort Rucker, AL.

ORGANIZATION:

The MISO has a current authorized strength of 53 civilian and 15 military personnel. TRADOC conducted a manpower survey during October - November 1978 which resulted in a net increase of ten (six civilian and four military) recognized requirements in MISO.

Reorganization during February 1978 separated the functions of MISO and DPC, with the physical relocation of the MISO to an on-post site. This action was taken to remove the MISO from day-to-day operation of the DPC, allowing more time to be spent on primary staff and planning functions.

PERSONNEL:

MAJ Richard W. Jordan assumed the duties of Chief, MISO, in late December 1977.

ACCOMPLISHMENTS:

Implementation of the Standard Army Intermediate Level Supply (SAILS) System - Level AB necessitated installation of a third computer system. The system, an IBM 360/40 computer, was installed and brought to an operational status in late March 1978, with the subsequent implementation of SAILS in April 1978.

The Army Standard Base Operations (BASOPS) Computer Output Microfiche (COM) system was installed during April 1978. This system replaced a Fort Rucker procured COM system which has been in use for one year.

Several actions were taken to enhance the DPC security and protection of data processed. These included installation of an automatic sprinkler system in the Magnetic Tape Library and installation of smoke detectors and a master power cut-off for the computer room. Other actions in process involve a major study and risk assessment under the provisions of AR 380-380, Automated Systems Security. The end result of this study will be an accreditation of the DPC by TRADOC to process sensitive defense information at the assigned sensitivity level of CS-4.

SYSTEMS ANALYSIS AND PROGRAMING BRANCH

ACCOMPLISHMENTS:

The Standard Accounting System for Nonappropriated Fund (STANS) activities was implemented during the January - April 1978 time frame. With the exception of a local unique payroll system, all major NAF systems are supported by STANS.

Operating System (OS) version of the Installation The Army Authorized Document System (ITAADS) was implemented during March 1978.

Standard Army Intermediate Level Supply System - Level AB (SAILS AB) and associated Stock Fund/Financial Inventory Accounting (SF/FIA) were implemented on a newly acquired IBM 360/40 computer. Fort Rucker was the last installation to implement SAILS AB. Delay in the extension was occasioned by saturation of computer equipment which was not alleviated until installation of the IBM 360/40 system.

The initial phase of the US Army Computer Systems Command standard version of an enhanced Disk Operating System (DOS-E) was implemented in June 1978. DOS-E is a software enhancement aimed at improving efficiency/capability in a DOS operating environment.

Initial conversion phase of the Integrated Facilities System (IFS) was begun in July 1978. This is an automated system supporting Directorate of Facilities Engineering functions. Final conversion and operational status are scheduled for February 1979.

AVIATION SYSTEMS DEVELOPMENT BRANCH

ACCOMPLISHMENTS:

In May 1978 a test was conducted to determine the feasibility of key punching data directly from DA Form 2408-12. The test was considered successful in July 1978 and results were implemented. This procedure permits a single source data entry of all pertinent data on the -12 to satisfy virtually all users of this information.

Revision of the Automated Flight Records System to comply with the provisions of the new AR 95-1 was initiated in August 1978. The revised system has been incorporated as a subsystem of the Aviation Management Information Systems (AVMIS) and, when fully operational, will achieve substantial reduction in operating resources.

Feasibility of automating aircraft fuel data from DA Form 2408-13 was the subject of a study begun in November 1978. Study is scheduled for completion in early 1979 and will be evaluated for applicability.

MACHINE OPERATIONS BRANCH

ACCOMPLISHMENTS:

Installation and operation of a third computer system, an IBM 360/40, was accomplished in early 1978 without any increase in personnel resources. Although staffing was extremely austere, essential functions were performed. The austerity of staffing was dramatically emphasized by the increase of nine recognized requirements during the TRADOC Manpower Survey in October - November 1978.

Conversion from a Fort Rucker procured unique Computer Output Microform (COM) system to the BASOPS standard COM system was accomplished during April 1978. Experience gained from the Fort Rucker unique system was valuable in effecting a smooth conversion. The majority of all reports, especially the large and voluminous, is now furnished customers on microfiche rather than hard copy.

DIRECTORATE OF RESERVE COMPONENTS

MISSION:

Provides a single point of contact at this installation to coordinate and provide training facilities and administrative and logistics support to those directed or authorized reserve claimants. Geographical area of responsibility for USAR and ARNG is the southern parts of Alabama and Mississippi, 29 counties in Alabama and 41 in Mississippi. The area of responsibility for ROTC support is basically the same in Alabama and Mississippi plus northwest Florida. Senior units supported: two in Alabama, two in Florida, and one in Mississippi. Junior units supported: 24 in Alabama, seven in Florida, and one in Mississippi.

ORGANIZATION:

The Directorate of Reserve Components functions under the Chief of Staff. The directorate is organized into the following functional areas:

Plans and Training
Plans and Operations
Program Management

PERSONNEL:

LTC Rex H. Peterson served as director from 1 June 1976 to 9 November 1978.

Mr. Milton Doggett became acting director on 10 November 1978.

ACCOMPLISHMENTS:

The installation hosted 17 units/elements for annual training, aggregating 3,111 personnel. Support was provided for a total of 54 units performing inactive and active duty training that totaled 84,634 mandays of training. This support included administrative, logistical, medical, self-service supply, ranges, and training areas.

The following units performed annual training during the period 29 April through 9 September:

UNIT	COMPONENT
281 Av Co	USAR
98 Div Flt Fac	USAR
113 MP Co (-)	MSARNG
877 En Bn	ALARNG
145 En Bn	ALARNG
167 En Co	ALARNG
168 En Co	ALARNG
1169 En Gp	ALARNG
1343 En Bn	ALARNG
113 MP Co (-)	MSARNG
151 En Bn	ALARNG
2093 USAR Sch	USAR
173 JA Det	USAR
936 Av Co (Gun Plt)	ARARNG
405 CA Gp	USAR
199 JA Det	USAR
278th ACR	TNARNG

DETACHMENT 9, 5TH WEATHER SQUADRON

MISSION:

Provides a variety of services on a 24-hour-a-day, 7-day-a-week, year round basis. This includes notification of impending severe weather for the Fort Rucker complex, complete meteorological watch of the local flying area, remote briefing service for nearby stations which have limited hours, and radar meteorological watch of the 200-nautical mile radius of Fort Rucker. Communication facilities include one of the largest military closed-circuit "Weathervision" networks in existence, over which forecasts, weather warnings, briefings, and Met-Watch advisories are disseminated to the various using agencies. The detachment also operates both UHF and VFR pilot-to-meteorologist radio service.

PERSONNEL:

Position	Personnel
Commander	LTC Clark S. Pinder
Staff Weather Officer	CPT Stephen J. Ransdell
Chief, Forecaster Section	TSG Ralph J. Eagen
Chief, Observing Section	MSG Walter W. Gulley
Admin Specialist	SRA David L. Durrette

Weather equipment maintenance is provided by Operating Location - Bravo, 1973 Communications Squadron, Air Force Communications Service.

ACCOMPLISHMENTS:

Detachment 9 has a variety of telecommunications equipment over which the continental US weather is continually updated, and forecasts and observations for anywhere on earth can be obtained rapidly. Operating Location - Alpha provides 10-hour-a-day, five-day-a-week, observing support to the US Army Aviation training mission at Troy Airport.

Completed 20,596 outbound pilot briefings (DD Form 175-1).

Provided weather support for 290,400 local and cross-country flights.

Issued 110 severe weather warnings for a 15-mile radius of Fort Rucker, 34 severe weather warnings for Troy, and 377 Met-Watch advisories for the local flying area--a 100-mile radius of Fort Rucker.

One hundred and forty-three Army air traffic controllers were provided with weather training and certified to take limited weather observations.

An automatic telephone answering device provided weather forecasts to an average of 2,968 calls per month.

Weather indoctrination tours of the Cairns Weather Station were given to approximately 460 students and members of the local community groups.

The CONUS Meteorological Data System (COMEDS) is the primary weather communication system at Cairns AAF. This is a sophisticated system linked to a computer at Carswell AFB, TX. Meteorological data is continuously being updated in the computer's memory banks and may be interrogated from any terminal in the CONUS, like the one at Cairns. Worldwide data is available in seconds via COMEDS.

COL John C. Bahnsen, Jr., assumed command of the 1st Aviation Brigade on 18 August 1978.

1ST AVIATION BRIGADE

MISSION:

Exercises command over assigned and attached battalions. Provides administrative and logistical support to assigned units of the 1st Aviation Brigade. Directs operations, training, intelligence, and security activities within the Brigade.

ORGANIZATION:

The 1st Aviation Brigade consists of the following units:

1st Battalion
4th Battalion
6th Battalion

The 46th Engineer Battalion (Combat) (Heavy) is an attached unit.

PERSONNEL:

Brigade commanders for 1978 were:

COL George F. Powers	1 Jan 78 - 17 Aug 78
COL John C. Bahnsen	18 Aug 78 - 31 Dec 78

Command Sergeants Major for 1978 were:

CSM James W. Harris	1 Jan 78 - 8 Aug 78
CSM Victor E. Ashcraft	9 Aug 78 - 31 Dec 78

ACCOMPLISHMENTS:

C Company, 46th Engineer Battalion, conducted adventure training via canoe trip during the period 16-20 January 1978.

The 427th Medical Company conducted CPX/FTX 19-20 January 1978.

The 416th Transportation Company engaged in an FTX 7-9 February 1978.

FORSCOM Training Officer, MAJ Pozniak, DCS, Operations Active Component Training Division, visited 1st Aviation Brigade and 46th Engineer Battalion to observe and discuss planning, management, and conduct of FORSCOM unit training activities and programs.

The 46th Engineer Battalion completed its ARTEP with a night road march to garrison on 2 March 1978.

EOD assisted the 46th Engineer Battalion's ARTEP by disposing of a bangalore torpedo uncovered while digging artillery emplacements on 2 March 1978.

The 98th Army Band participated in the Florida A&M University Activities Day on 8 March 1978.

The 14th Company conducted an NBC gas chamber exercise on 13-14 March 1978. Approximately 400 personnel were qualified in the CS Confidence Course.

The 108th QM Company departed Fort Rucker 29 March 1978 for BRAVE SHIELD 17 (completed 25 April 1978).

The 46th Engineer Battalion started construction of the pistol range, float bridge site, and boat docks at Lake Tholocco during the week of 17 April 1978. Boat dock project was completed 14 August 1978.

The 46th Engineer Battalion initiated a REFORGER exercise on the 427th Medical Company, 25-26 April 1978.

During the period from 9 June through 28 July 1978, the 1st Aviation Brigade sponsored nine US Military Academy (West Point) cadets for the Annual Cadet Troop Leadership Training (CTLT) program. The overall objective of this program was to develop leadership through realistic and responsible leadership experiences.

An opening ceremony for Hartwell Pool was conducted on 28 June 1978. COL Delavan officially opened the pool. Pool will be operated by the 4th Battalion.

The 416th Transportation Company conducted a platoon size FTX on 12-14 July 1978.

During the period from 20 July through 16 August 1978, the 1st Aviation Brigade sponsored nine ROTC cadets from both the 1st and 2d ROTC Regions in the Annual Reserve Officers' Training Corps (ROTC) Army orientation program. The purpose of this training was to provide selected cadets a valuable leadership experience in the duties, responsibilities, living conditions, and social life of a junior officer on active duty.

On 18 August 1978, the 1st Aviation Brigade bade farewell to its former commander, COL George F. Powers, and greeted its new commander, COL John C. Bahnsen, during a change of command ceremony on the Army Aviation Center Parade Field.

The Brigade Commander visited the 1st Battalion area on 22 August 1978. COL Bahnsen conducted a "get-acquainted" visit to each of the company orderly rooms.

Thursday, 24 August 1978, 1st Aviation Brigade Commander, COL John C. Bahnsen, offically opened the post's parcourse.

The 46th Engineer Battalion conducted several civic action/community relations projects in the adjoining areas of Troy, Elba, New Brockton, and the Florida Recreation Areas during the period between 28 August and 5 September 1978.

The 4th Battalion (Company C, 509th Infantry) parachute team participated in the Labor Day Jumpfest at Fort Bragg, NC, and placed eighth in competition out of 18 teams.

A 46th Engineer Battalion CPX was conducted on 6-7 September 1978. The overall purpose was to test the battalion staff on set-up as well as staff activities with limited company activities.

A 108th QM Company platoon level ARTEP was conducted 6-8 September 1978.

On 12 September 1978, COL Bahnsen presented C Company, 509th Infantry, the Brigade streamer for being the outstanding company during the retirement parade held 25 August 1978.

The 11th, 12th, 13th, and 14th Companies received letters of appreciation from MG Smith for their AER Campaign support on 14 September 1978.

The 1st Battalion (13th Company) conducted adventure training (14-mile river navigation) on 15 September 1978.

The 11th Company conducted adventure training (rappelling) on 28 September 1978 for approximately 100 soldiers. Training included practice on the ramp and skid sides of the 34-foot tower and helicopter rappelling.

The 123d Ordnance Detachment participated in a satisfactory ARTEP on 10-12 October 1978.

C Company, 509th Infantry, of the 4th Battalion conducted a water jump on 12 October 1978 into Lake Tholocco.

In November 1978 the Commanding General's Annual Best Mess Award was won by the 4th Battalion Dining Facility.

On 17-19 November 1978, the 1st Aviation Brigade held the "Sports Fest." Among the competitive events were volleyball, football, swimming, boxing, soccer, and track and field. The 11th Company, 1st Battalion, was named the best all-around sports company in the Brigade.

The 416th Transportation Company ARTEP was held 12-23 December 1978. While completing day and night convoys, the platoons were evaluated for reaction to NBC environment, reaction to aggressor activity, and ability to prepare the bivouac site.

Over 46,000 toys were collected and repaired by the 416th Transportation Company for Operation Santa Claus. Distribution of toys started on 15 December 1978.

An estimated 2,000 participant Volksmarch with two courses, 10 and 20-kilometers, was held on 16 September 1978 by the 4th Battalion, 1st Aviation Brigade.

On 16 December 1978 the 1st Aviation Brigade sponsored a special activities day and raised $6,750 for the Vivian B. Adams School. Pledges were paid for distance runs, and tickets were sold for a dance that evening.

PLANS AND NBC OFFICE, S3

ACCOMPLISHMENTS:

During 1978 the Plans and NBC Office prepared and executed a number of emergency, contingency, and mobilization plans. The Plans Office also participated in two NORAD exercises; disseminated 46 severe weather warnings via telephone; disseminated one severe weather warning and two command announcements over the Emergency Television Notification System; and conducted weekly radio communication checks, weekly tests of the Emergency TV Notification System, and weekly "growl" and monthly "fullscale" tests of the Air Defense Warning Sirens. In addition to the above, the Plans and NBC Office accomplished the following in 1978:

a. Contingency/emergency plans developed or revised:

Mobilization Plan, 13 March 1978
Response to Power Outage Plan, 6 April 1978
Snow and Ice Plan, 10 April 1978
Severe Weather Warning Plan, 21 April 1978
Hurricane Alert and Evacuation Plan, 31 May 1978
Change 1 to Protection Plan for Eglin/Tyndall Evacuees, 31 May 1978
Water Shortage Plan, 1 August 1978
Change 1 to Provisional Aviation Unit Plan, 8 September 1978
Base Disaster Plan, 14 September 1978
EOC Communications Plan, 29 September 1978
Forest Fire Plan, 25 October 1978
Flood Plan, 7 November 1978

b. USAAVNC publications published:

Mobilized Reserve Component Unit Workbook, 12 January 1978
Mobilization SOPs, 6 February 1978
Fallout Shelter SOPs, 12 May 1978
Civil Defense Pamphlet 350-3, 12 June 1978
Change 1 to USAAVNC Suppl 1 to AR 220-58, 11 September 1978
Suppl 1 to AR 220-1, Unit Status Reporting, 28 December 1978

c. Miscellaneous items published:

Emergency TV Notification System Fact Sheet, 26 July 1978
1st Aviation Brigade NBC Affirmative Action Program, 1 September 1978
NBC Defense Readiness Evaluation Guide, 13 November 1978
NBC Defense Training Guide, 14 November 1978
NBC Defense Performance Training and Testing Guide, 15 November 1978

d. The USAAVNC conducted the following Emergency Deployment Readiness Exercises during 1978:

DATE	INITIATED BY	UNIT
3 - 4 Apr 78	USAAVNC	46th Engr Bn
22 - 26 May 78	XVIII Abn Corps	108th QM Co
22 - 26 May 78	XVII Abn Corps	416th TC Co
27 Jun 78	USAAVNC	91st Engr Det
1 - 3 Aug 78	USAAVNC	427th Med Co
15 - 16 Aug 78	USAAVNC	46th Engr Bn
6 - 8 Sep 78	1st Avn Bde	108th QM Co
13 Sep 78	1st Avn Bde	427th Med Co
26 Sep 78	1st Avn Bde	416th TC Co
28 Sep 78	1st Avn Bde	91st Engr Bn

e. On 29 January 1978, USAAVNC conducted a Mobilization Planning Conference with 21 Reserve Component major units in preparation for a conference with all RC units scheduled for mobilization at Fort Rucker. On 1-2 April 1978, a Mobilization Coordinating Conference was conducted with all RC units scheduled to be mobilized at Fort Rucker and representatives from higher and adjacent headquarters.

f. On 21 March 1978, a Call Forward Concept was submitted to FORSCOM, TRADOC, and First US Army wherein the RC unit would mobilize at home station for a 30-45 day period to complete significant actions and then only 15-30 days would be required at mobilization station.

g. On 27 April 1978, the 24 Civil Defense Radiological Monitoring Sets maintained in the EOC were transported to Gunter AFB, Montgomery, AL, for calibration. The sets support the USAAVNC Fallout Shelter Plan.

h. The USAAVNC staff EOC representative assisted Houston County Civil Defense in a simulated airliner crash on 15 May 1978. Fort Rucker provided personnel and equipment to support the exercise.

i. The EOC portion of the Commander's Orientation Course was conducted on 24 May 1978.

j. The USAAVNC participated in CPX GATE LATCH CHARLIE 7-30 June 1978. The exercise was a classified exercise conducted in accordance with USCINCRED EXPLAN 708. Selected Fort Rucker units participated from home station to test deployment procedures.

k. In July 1978, USAAVNC requested and received approval to utilize seven USAR centers and 22 ARNG armories located within a 50-mile radius of Fort Rucker to increase USAAVNC facility support requirements upon mobilization.

l. On 4 August 1978, Joyce S. Johnson briefed COL Lee and Tyndall Air Force Base Evacuation Support Team and conducted a tour of the shelters which would be utilized in the event Tyndall evacuated to Fort Rucker.

m. During the period 10 October - 8 November 1978, Fort Rucker participated in a JCS Exercise NIFTY NUGGET/MOBEX 78. Fort Rucker's play involved deployment operations.

On 4-5 November 1978, seven RC unit player cells visited Fort Rucker to participate in MOBEX 78. Also during MOBEX 78, a CONUSA Activity at Mobilization Installation (CAMI) was established by Redstone Readiness Group, Huntsville, AL, in the USAAVNC EOC. The CAMI Team Chief was MAJ Raney with SGM Taylor assisting. Their purpose was to certify deployment of nondivisional AC and RC units. During the MOBEX Exercise, MG Edwin B. Taylor, Deputy Commanding General, Mobilization, TRADOC, was briefed on mobilization.

TEST CONTROL OFFICE, S3

MISSION:

Manages, coordinates, and administers the Skill Qualification Test (SQT) Program for the Commander.

ACCOMPLISHMENTS:

During 1978 the Test Control Office administered SQTs for 40 different MOSs at Fort Rucker. Eleven SQTs contained a hands-on component. Six hundred and fifty-one enlisted and 53 JROTC personnel were tested in 1978 at Fort Rucker.

SECURITY OFFICE

MISSION:

Plans and accomplishes the intelligence, counterintelligence, and security functions for USAAVNC and Fort Rucker. Performs command liaison functions with the Military Intelligence Command, Army Security Agency, and federal, state, and municipal law enforcement agencies to facilitate the conduct of intelligence, counterintelligence, and security matters. Assists in personnel suitability and security investigations of military and civilian personnel assigned duties of trust or responsibility or to sensitive positions.

ORGANIZATION:

The Intelligence Division, DPCA, was placed under the operational control of the 1st Aviation Brigade on 1 January 1978 and redesignated Security Office, 1st Aviation Brigade. The Security Office is organized to advise and assist activities of the United States Army Aviation Center and Fort Rucker on all intelligence, counterintelligence, and security matters. There are no units/offices subordinate to this office.

PERSONNEL:

Mr. Marion E. Hill served as Chief, Security Office, during the year.

ACCOMPLISHMENTS:

During 1978 the Security Office processed 4,845 security clearance actions; conducted 132 security inspections; denied, suspended, or revoked three security clearances; and received and processed 1,400 documents classified SECRET or higher. There were no reportable security violations at Fort Rucker, AL, during this reporting period.

LTC Terry N. Rosser assumed command of the 1st Battalion on 1 August 1978.

1ST BATTALION

MISSION:

Provides command, logistics, administrative, and military justice support for all assigned and attached personnel.

ORGANIZATION:

The 1st Battalion, 1st Aviation Brigade, consists of the following units:

11th Company	98th Army Band
12th Company	141st Military Police Company
13th Company	USA Aviation Board (attached for administration)
14th Company	

PERSONNEL:

Battalion commanders for 1978 were:

LTC Donald M. Frierson	1 Jan 78 - 31 Jul 78
LTC Terry N. Rosser	1 Aug 78 - Present

Command Sergeants Major for 1978 were:

CSM John H. Smith	1 Jan 78 - 30 Nov 78
CSM Sanford L. Greenberg	1 Dec 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

Quarterly command inspections were conducted for all assigned units.

The 1st Battalion was reorganized. The 15th Company was dissolved. Company personnel were integrated into the other companies.

Construction improvements were completed at the 4900 block modular barracks. Efforts are continuing to procure outside furniture.

2LT John Smith was assigned as Battalion Operatons Officer.

Percentage of on-time SEER/EERs went from five percent to 100 percent during the quarter.

Maintained the best SIDPERS average in the 1st Aviation Brigade.

The 1st Battalion won the Winter Staff Volleyball League.

1 April - 30 June 1978

The 1st Battalion Conference Room was completed as a self-help project.

The Modular Barracks Dayroom was completely renovated by 1st Battalion service members.

The 1st Battalion organized a post level fast-pitch league.

2LT John Smith was assigned as Battalion S3, effective 12 April - 16 June 1978.

CPT Ronald Cisco was assigned as Battalion S3 effective 3 July 1978.

Planned and executed a first time effort to have all members of the battalion qualify or familiarize with an individual weapon.

Some service members began SQT testing.

1 July - 30 September 1978

SGT Robert E. Cox received the award for 1st Battalion NCO of the Month for July. This was the third time SGT Cox has been chosen as NCO of the Month.

SP4 Helen Tunewald received the Army Commendation Medal for her outstanding duty performance as the 1st Battalion S3 Clerk.

The 1st Battalion was presented with the Championship Trophy for the Fort Rucker Fast-Pitch Softball League. The 1st Battalion finished the season with a 9-0 record and was presented with a trophy on 17 August 1978.

BG Patterson reenlisted SP4 Phillip Patterson on 31 August 1978.

The 1st Battalion Headquarters personnel (to include each 1st Battalion unit) performed PT at the Fort Rucker Parcourse on 1 September 1978.

The 1st Battalion completed their marksmanship training and range firing for the M-16A1 and CA145 pistol and 38 caliber pistol during this quarter.

The 1st Battalion conducted map reading and held practical exercises on land navigation.

The 98th Army Band participated in the Student Reception at the Enlisted Club. The band also performed at the Peach State Fair at Byron, GA.

1 October - 31 December 1978

Members of the Soldiers First Battalion sponsored the following on-post activities during fourth quarter 1978.

1st Aviation Brigade Christmas Run
1st Aviation Brigade Christmas Ball

The 1st Battalion presented a class on rape awareness for female members of the battalion on 24 October 1978. One hundred and five female soldiers attended the class.

11TH COMPANY

MISSION:

Performs administrative, billeting, command, training, and supply functions; maintains recreational facilities for assigned and attached personnel; and maintains Battalion Consolidated Mailroom #6.

ORGANIZATION:

The 11th Company, at one time Headquarters Company, was organized 15 September 1972, GO Number 566, HQ, USAAVNC, and redesignated as 11th Company, 1st Battalion, USAAVNC Troop Brigade, on 1 July 1975 and redesignated as 11th Company, 1st Battalion, 1st Aviation Brigade, on 1 July 1977.

PERSONNEL:

Company commanders for 1978 were:

CPT Robert L. Johnson, Jr.	1 Oct 78 - 12 Dec 78
CPT Gary T. Steimle	12 Dec 78 - Present

First Sergeants for 1978 were:

1SG Harvey W. Pinder, Sr.	1 Jan 78 - 28 May 78
1SG James P. Henderson	29 May 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

The 11th Company relocated from Building 4502 to Building 4504B.

1 April - 30 June 1978

The 11th Company conducted an NBC Confidence Course. The company was also presented the Commanding General's Trophy.

1 July - 30 September 1978

The following training was conducted: Rappelling; Land Navigation; Water Safety ; and Rifle and Pistol Range.

Post NCO of the Month for September was SGT Hollingsworth.

Executive Officer completed NBC School.

AER per capita contribution was top in the brigade.

1 October - 31 December 1978

The following training was conducted: PT Test; and recap of year's training via military stakes.

A company change of command was held.

The 11th Company won the 1st Aviation Brigade Sports Fest.

12TH COMPANY

MISSION:

Provides quarters, training, administration, and military justice support to the members of the 12th Company.

ORGANIZATION:

The 12th Company provides staffing for DIO, DFAE, DT (Staff), DT Range Branch, Training Support Division (DTD), DES, and staff of 1st Aviation Brigade and 1st Battalion Headquarters.

PERSONNEL:

Commanders for 1978 were:

CPT Ronald E. Lofton	1 Jan 78 - 28 Sep 78
CPT Michael B. Bourque	28 Sep 78 - Present

First Sergeant for 1978 was 1SG Hayden C. Pursley.

ACCOMPLISHMENTS:

The 12th Company placed second in the Post Basketball Tournament and placed first in the Eastern Division Basketball Tournament and Post Volleyball Tournament.

The company had 13 reenlistments and one extension.

1 April - 30 June 1978

The company had 11 reenlistments and nine extensions.

1 July - 30 September 1978

The company had 20 reenlistments and five extensions.

1 October - 31 December 1978

The company had 16 reenlistments and eight extensions.

Received the Outstanding Unit Achievement Award for Wiregrass Area Combined Federal Campaign.

13TH COMPANY

MISSION:

Provides command and control, administrative, logistical, and billeting support for assigned and attached personnel.

ORGANIZATION:

The 13th Company consists of the permanent party staff and faculty of the Department of Academic Training (DOAT).

PERSONNEL:

Commanders for 1978 were:

1LT Paul C. Spinler	1 Jan 78 - 31 Jan 78
CPT Larry J. Atchley	1 Feb 78 - 8 Dec 78
CPT John T. Plant	9 Dec 78 - Present

First Sergeants for 1978 were:

1SG William B. Williams	1 Jan 78 - 14 Jan 78
1SG James E. Daugherty	15 Jan 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

During the quarter a 100 percent SIDPERS processing rate was maintained.

The unit had 16 reenlistments (one first termer) and three extensions during the quarter.

SP4 James F. Anadell was selected Soldier of the Year for Fort Rucker at the Military Ball held on 18 March 1978.

SP4 Marshall P. Everett, Jr., was selected February Soldier of the Month for Fort Rucker.

SGT Robert S. Lepard was selected February NCO of the Month for the 1st Battalion.

SSG William R. Harris was selected as March NCO of the Month for the 1st Battalion.

The 13th Company Orderly Room relocated from Building 4504B to Building 4914W.

The 1st Battalion Consolidated Supply was incorporated into 13th Company.

1 April - 30 June 1978

During the quarter a 99.9 percent SIDPERS processing rate was maintained.

The unit had 15 reenlistments (one first termer) and four extensions during the quarter.

PFC Donald L. Antle was selected May Soldier of the Month for Fort Rucker.

SSG George W. Bradford was selected May NCO of the Month for Fort Rucker.

Annual IG inspection was conducted in April. All areas passed. Comments were favorable.

SP4 Leonard Lewandowski graduated second in his class at the Primary Leadership Course, Fort Benning, GA.

1 July - 30 September 1978

During the quarter a 100 percent SIDPERS processing rate was maintained.

During the quarter the unit reenlistment accomplishments were as follows: one first termer; 17 careerists; and 11 extensions.

On 9 and 15 September 1978, the unit conducted adventure training on the Choctawhatchee River.

On 27 September 1978, the company initiated an incentive program to be combined with the Solider/NCO of the Month Program. Effective that date the unit NCO/Soldier of the Month becomes the Honorary Unit Commander and First Sergeant respectively during the last Wednesday of the month. The Honorary Commander and First Sergeant conduct an in-ranks inspection and attend to all duties and functions associated with the respective jobs (advised by the Commander and 1SG in areas where needed) for the entire day. The new concept was well received by both the NCO and Soldier of the Month.

Honorary Commander	SGT Marquita Garcia (DOAT)
Honorary 1SG	SP4 William Hellums (DOAT)

1 October - 31 December 1978

During the quarter a 100 percent SIDPERS processing rate was maintained.

SP4 Wilbur R. Atkinson was outstanding graduate in his class at the Primary Leadership Course, Fort Benning, GA.

14TH COMPANY

MISSION:

Provides command, control, logistic, administrative, and billeting support to personnel assigned and/or attached to this command.

ORGANIZATION:

The 14th Company consists of the permanent party staff and faculty of the Department of Flight Training (DOFT).

PERSONNEL:

Commanders for 1978 were:

CPT Walter J. Culberson	1 Jan 78 - 24 Nov 78
1LT Michael W. Sherman	25 Nov 78 - Present

First Sergeants for 1978 were:

1SG Joseph H. Milam	1 Jan 78 - 31 Jan 78
1SG Tommie C. Johnson	1 Feb 78 - 2 Oct 78
1ST William R. Lee	3 Oct 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

The reorganization was accomplished in a smooth and coordinated manner, increasing the assigned strength from an average of 406 to 513 service members.

The 14th Company was coordination point for the Brigade Formal, which proved to be an outstanding success as a result of the combined efforts of the 1st Battalion.

Four hundred out of a total strength of approximately 500 assigned personnel completed the training requirement for familiarization of the protective mask in an active gas chamber exercise.

The orderly room was moved from Building 4502 to Building 4504C.

PFC Vickie Sears was selected as 1st Battalion and Post Solider of the Month for February.

Seven career soldiers and three first termers reenlisted during this quarter. Additionally, three first termers and five careerists extended their enlistments.

One service member attended the PLC at Fort Benning, GA.

1 April - 30 June 1978

An additional reorganization occurred on 5 June which raised the unit strength to 587.

Two service members attended the PLC at Fort Benning, GA.

SGT Robert Cox was selected as Brigade NCO of the Month for June.

Three career soldiers and two first termers reenlisted during this quarter. Additionally, two first termers and one careerist extended their enlistments.

CPT Walter J. Culberson attended RWQC. During his absence, LT Catherine J. Biersack was Acting Commander.

SIDPERS clerk maintained a 100 percent no-error rate.

Results of FY 78 AGI were outstanding.

Received post runner-up trophy for volleyball competition.

1 July - 30 September 1978

The 14th Company lost 1LT Catherine J. Biersack, Company XO, on 5 September 1978. No replacement is in sight.

Two service members attended the PLC at Fort Benning, GA.

Unit continues to support the Post Intramural Program with teams fielded in all events.

Three first termers and two career soldiers reenlisted during this quarter.

SIDPERS clerk maintained a 99.5 percent no-error rate during this quarter.

The 14th Company conducted the 1st Battalion Change of Command and Reception on 1 August 1978.

SSG Michael W. Basham was Post NCO of the Month for July. SP4 S. R. Roberts was Battalion Soldier of the Month for August.

1 October - 31 December 1978

CPT Culberson was selected to become Aide-de-Camp to Fort Rucker's new Commanding General, MG James Merryman. He departed to assume those duties on 24 November 1978.

1LT Michael W. Sherman was assigned to 14th Company on 24 November 1978 and assumed command on the same date. 1LT Sherman came to the unit from HQ, 1st Battalion, where he was the S3.

1SG Tommie C. Johnson departed 14th Company on 2 October 1978 for duty with the S3 Section, 1st Aviation Brigade, pending his retirement from the US Army after more than 20 years of active service. 1SG Johnson retired 1 January 1979.

1SG William R. Lee was assigned to 14th Company on 2 October 1978 and assumed duties as 1SG on the same date. 1SG Lee came to the unit from the Directorate of Training Developments where he was the Operations Sergeant.

SGT Johnny Forehand was selected as the 1st Battalion Soldier of the Month for October.

Four service members attended the PLC at Fort Benning, GA.

One first termer and three career soldiers reenlisted during this quarter.

The company took first place in the 1st Battalion for marching during the NCO Parade on 29 September 1978 and third place within the 1st Aviation Brigade.

The company completed the Annual SSPFT during this quarter.

The 14th Company won two streamers for the guidon by taking first place in volleyball and racquetball during the 1st Aviation Brigade's First Annual Sports Fest on 17-19 November 1978.

SP4 Robert A. Sample coached the 1st Battalion Boxing Team which took first place in the boxing competition during the Sports Fest.

141ST MP COMPANY

MISSION:

Provides military police services to Fort Rucker, AL. Provides assistance to the installation commander in maintenance of order and military discipline among military personnel within the military reservation and in civil communities adjacent to the reservation. Also provides the following services:

a. Prevention and suppression of crime.

b. Enforcement of military law and regulations.

c. Protection and security for military and civilian population of Fort Rucker and the operational airfields.

ORGANIZATION:

On 5 December 1974, DA approved the reorganization of the 141st Military Police Company (WCT2 AAA) MTOE 19 500HTC17, effective 1 May 1975, with the following authorized: three officers and 96 enlisted.

PERSONNEL:

Commanders for 1978 were:

CPT Ronald Travers	1 Jan 78 - 5 Dec 78
CPT Richard J. Ciriello	5 Dec 78 - Present

First Sergeants for 1978 were:

1SG Paul S. Birdwell	1 Jan 78 - 5 Jun 78
1SG James B. Howard	6 Jun 78 - 28 Oct 78
1SG Willie T. Helms	29 Oct 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

Reenlisted three E5s and one E3 for three years.

MP of the Month: January, PFC Eddie C. Farrey; February, PFC David C. Guy; March, PFC Stephanie J. Connors.

SP4 John S. Boyd graduated from PLC at Fort Benning, GA, on 3 March 1978.

SFC Sammy J. Prince graduated from 1SG Orientation Course at Fort Benning, GA, on 28 February 1978.

MSG James B. Howard was assigned to the unit 19 December 1977 from Japan.

The unit had a 98.7 percent SIDPERS rate for this quarter.

SGT Kathleen A. Dartt was selected as 1st Battalion and 1st Aviation Brigade NCO of the Month for January.

PFC Stephanie J. Connors was selected as Military Police Woman and 1st Battalion Soldier of the Month for February.

CPT Alan M. Richardson departed the unit on 24 March 1978 for an assignment in Hawaii.

1 April - 30 June 1978

Reenlisted one E5 for three years.

MP of the Month: April, PFC Michael Trusler; May, PV2 Burchell Stewart; June, PFC Martha Hammon.

SGT Gary Mohney graduated from the PLC at Fort Benning, GA, on 12 May 1978.

SGT Frank Chambless graduated from the PLC at Fort Benning, GA, on 23 June 1978.

SP4 Steven Rohrbach graduated from Military Police Investigation School at Fort McClellan, AL, on 9 June 1978.

1SG Paul S. Birdwell departed the unit on 23 June 1978 PCS to the Sergeant Major Academy at Fort Bliss, TX.

1SG James B. Howard assumed the duties of unit 1SG on 5 June 1978.

The unit had a 100 percent SIDPERS rate for this quarter.

1 July - 30 September 1978

Reenlisted one E4 for three years.

MP of the Month: July, PFC Burchell Stewart; August, PFC Martha Hammon; September, SP4 Stephanie Jo Miller.

SGT Keith Frisbee graduated from the PLC at Fort Benning, GA, on 26 September 1978.

SP4 Burnice Jones graduated from the PLC on 26 September 1978.

SSG Moore was appointed WO1 on 12 September 1978.

1 October - 31 December 1978

Reenlisted three E5s; extended the enlistments of one E5 and one E4.

MP of the Month: October, PFC Charlie Clark; November, SP4 Bruce Pettengill; December, SP4 Andrew Taylor.

SP4 Charles Floto graduated from the PLC at Fort Benning, GA, on 13 December 1978.

The unit had a 100 percent SIDPERS rate for this quarter.

98TH ARMY BAND

MISSION:

Provides musical entertainment for appropriate military ceremonies, recreation activities, radio and television, and civilian functions as authorized and/or directed by the Department of the Army .

ORGANIZATION:

MTOE 12107HTC10.

PERSONNEL:

WO1 Luther E. Murphy served as unit bandmaster during 1978.

Unit enlisted bandleaders for 1978 were:

MSG Haywood E. Sellers	1 Jan 78 - 17 Jul 78
SFC Lawrence J. Suino	18 Jul 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

During the past quarter the 98th Army Band performed 48 commitments, many of which were civic jobs. The band traveled over 1,700 miles and was heard by over 86,000 people.

The most significant performances were as follows:

33rd GP AFJROTC Ball, Eglin AFB, 20 January
National Prayer Breakfast, Fort Rucker Officers' Club, 2 February

FSU ROTC Ball, Tallahassee, FL, 25 February
Opp Rattlesnake Rodeo, Opp, AL, 4 March
FAMU University Activities and Awards Day, Tallahassee, FL, 7 March
Fort Rucker NCO Ball, Fort Rucker, AL, 18 March
Easter Sunrise Services, Fort Rucker, AL, 26 March

1 April - 30 June 1978

During this quarter the 98th Army Band performed 93 commitments, many of which were civic jobs. The band traveled over 2,400 miles and was heard by over 88,000 people.

The most significant performances were as follows:

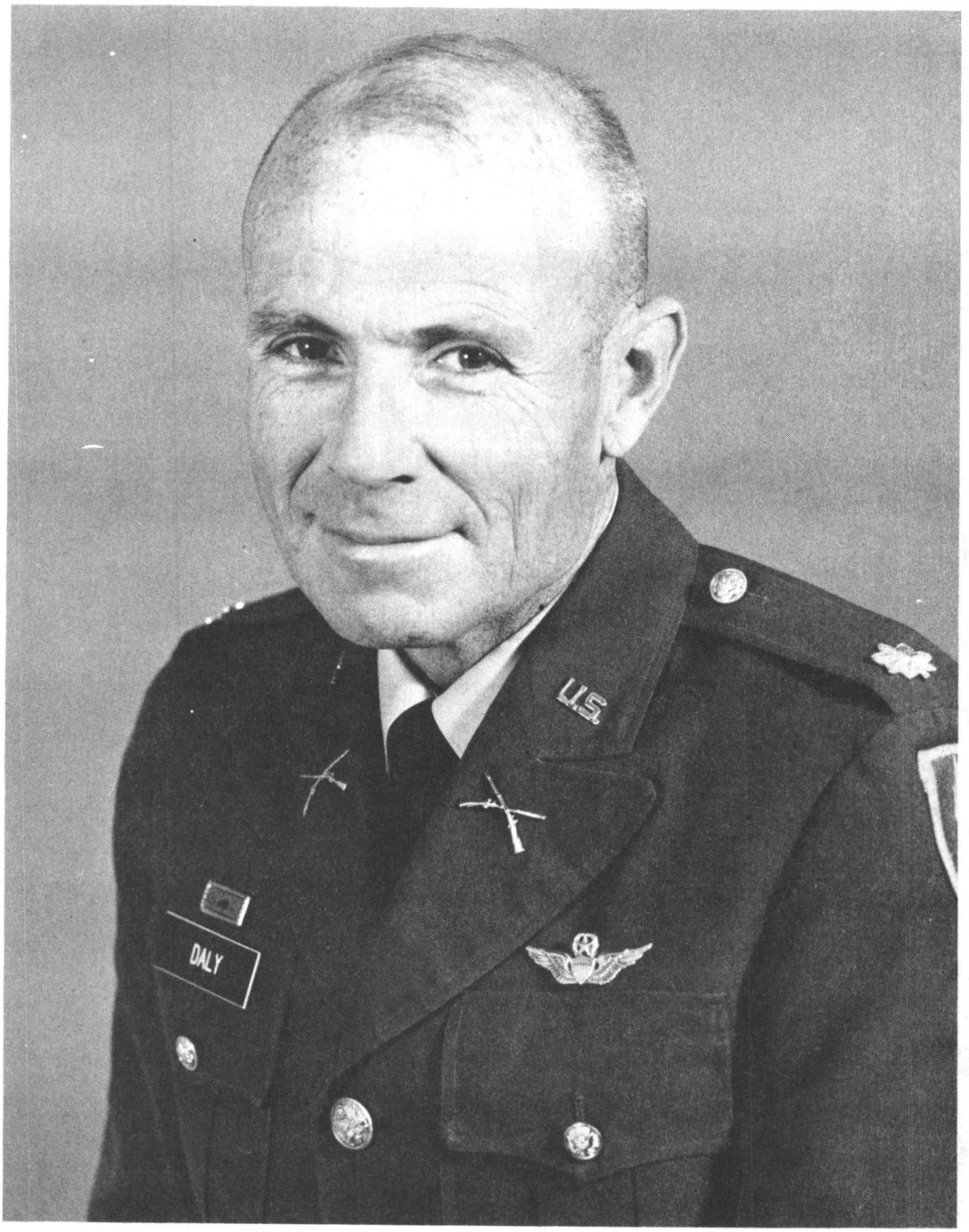
Concert at Mixon Elementary School, Ozark, AL, 18 April
River Rat Parade, Geneva, AL, 22 April
Coffee County Arts Festival, New Brockton, AL, 6 May
Welcome Ceremony and Retirement Review, Redstone Arsenal, AL, 18 May
Parade and Concert, Millbrook, AL, 20 May
Tomato Festival Parade, Slocomb, AL, 17 June
Watermelon Festival Parade, Chipley, FL, 24 June

1 July - 30 September 1978

During this quarter the 98th Army Band performed 60 commitments including 15 in civilian communities. The band traveled over 1,200 miles and was heard by over a half million people.

1 October - 31 December 1978

During this quarter the 98th Army Band performed 47 commitments including 10 in civilian communities. The band traveled over 1,150 miles and was heard by over a half million people.



LTC Jerome R. Daly assumed command of the 4th Battalion on 9 November 1978.

4TH BATTALION

MISSION:

Exercises command and control over all assigned/attached units and elements. Provides command and staff supervision of administrative functions, physical security, limited logistical support, quarters and rations, and training of assigned personnel. Also provides Honor Guard ceremonies, funeral details, and parades for the Fort Rucker community and the surrounding area. Supports aviator training at the Army Aviation Center by providing landing and drop zone selection, navigational assistance, and artillery fire support for Army aircraft during training missions.

ORGANIZATION:

The 4th Battalion, 1st Aviation Brigade, consists of the following units:

41st Company	Company E, 30th Infantry
42d Company	Company C (PFDR/ABN), 509th Infantry
43d Company	260th Field Artillery Detachment

PERSONNEL:

Commanding officers for 1978 were:

LTC Jefferson T. Boulware, Jr.	13 May 77 - 9 Nov 78
LTC Jerome R. Daly	9 Nov 78 - Present

Command Sergeants Major for 1978 were:

CSM Tilden R. Kirkland	7 Dec 76 - 28 Feb 78
CSM Harold F. Watts, Jr.	1 Mar 78 - Present

Company commanders for 1978 were:

41st Company	CPT James B. Norwood	13 Sep 77 - Present
42d Company	CPT Chesley D. Auten	29 Jul 77 - Present
43d Company	CPT Charles T. Woolwine	1 Aug 77 - Present
Co C (PFDR/ABN), 590th Infantry	CPT Ramon Acevedo, Jr.	1 Jan 78 - 8 Aug 78
	CPT Robert C. Atwell	9 Aug 78 - Present
Co E, 30th Infantry	CPT Joseph M. Laura	1 Jan 78 - 19 May 78
	1LT William G. Minton	19 May 78 - 30 Jun 78
260th FA Detachment	2LT Rodney B. Wilkerson	1 Jan 78 - 22 May 78
	CPT John W. Ogren	22 May 78 - Present

First Sergeants for the year were:

41st Company	1SG Robert M. Kanardy	1 Jan 78 - 15 May 78
	1SG Samuel G. Dykes	15 May 78 - Present
42d Company	1SG Clyde Mobley	1 Jan 78 - 4 Dec 78
	1SG Gerald G. Gappa	4 Dec 78 - Present
43d Company	1SG Timothy Bronson	1 Jan 78 - 18 Jul 78
	1SG James W. Holloway	19 Jul 78 - 2 Oct 78
	1SG Enoch C. Sturgill	2 Oct 78 - Present

Co E, 30th Infantry	1SG Willie Helms	1 Jan 78 - 30 Jun 78
Co C, 509th Infantry	1SG Alexander Boxley	1 Jan 78 - 31 Jul 78
	1SG Thomas M. Cruise	1 Aug 78 - 31 Dec 78

ACCOMPLISHMENTS:

The 4th Battalion Dining Facility #4 received the Commanding General's Best Mess Award for the first quarter of 1978.

Company E provided honors for 44 military funerals, participated in three USAAVNC retirement reviews, and provided eight color guards during the first quarter.

SGT Charles F. Welch, Company E, 30th Infantry, was chosen Fort Rucker NCO of the Year for 1977.

SGT John D. Cook, Company E , 30th Infantry, was chosen Post NCO of the Month for January.

Company C, 509th Infantry, completed three parachute operations during the quarter.

Company C, 509th Infantry, started a terminal guidance class on a weekly basis beginning 13 March 1978. The class trains eight personnel a week in rappelling, airborne operations, pathfinder operations, and air traffic control.

Consolidated Dining Facility #4 received the Commanding General's Best Mess Award for the second quarter of FY 78.

The 4th Battalion units participated in the 49er Party which was held 5 and 6 May 1978. The battalion organized and operated the Red Garter Saloon.

The Annual General Inspection, FY 78, of the 4th Battalion units was conducted during the period 9-17 May 1978. The battalion received a satisfactory rating with many laudatory comments.

Sergeant Charles F. Welch of Company E, 30th Infantry, was selected as the State of Alabama's Outstanding Enlisted Representative of the Army, and was presented with the Alabama Governor's Award on 19 May 1978 by Governor George C. Wallace.

The Commander, Fort Rucker, approved wearing of blue baseball caps by AIT cadre effective 22 May 1978.

The 4th Battalion units participated in the first annual Fort Rucker Day held 10 June 1978. Company C, 509th Infantry, and 43d Company provided marching units. Company C, 509th Infantry, conducted a rappelling demonstration.

The 4th Battalion reopened Hartwell Pool, assuming the responsibility for maintenance and operation . Preparatory work on the pool was completed, and it was opened 28 June 1978.

Reorganization plans for Company C, 509th Infantry, and 260th FA Detachment were completed during the quarter. Company E, 30th Infantry, was inactivated 30 June 1978 in a formal ceremony at 1100 hours at the Center Parade Field.

Company C, 509th Infantry (PFDR/ABN), reorganized on 1 July 1978. Unit authorizations increased from four officers and 108 enlisted personnel to six officers and 159 enlisted personnel.

The 260th FA Detachment reorganized on 1 July 1978. The unit increased from one officer and 11 enlisted personnel to two officers and 30 enlisted personnel.

The 4th Battalion Dining Facility #4 received the Commanding General's Best Mess Award for the third and fourth quarters of 1978.

Company C (PFDR/ABN), 509th Infantry, won the 1978 post softball championship.

The 4th Battalion continued sponsorship of the Fort Rucker Girl Scouts.

The 4th Battalion sponsored Fort Rucker's annual Volksmarch on 16 September. The event was held in the Wildlife/Lake Tholocco area.

Company C, 509th Infantry, exercised a water jump into Lake Tholocco on 12 October 1978. This was the first water jump by a military unit at Fort Rucker.

LTC Jerome R. Daly assumed command of the 4th Battalion on 9 November 1978.

2LT Doris J. Cleveland was assigned as Battalion Adjutant on 1 December 1978.

Arrival Detachment was activated on 14 December 1978 for temporary solution to overflow of enlisted students.

The 42d Company placed first in both the field and track event and the female volleyball competition during the 1st Aviation Brigade Sports Fest.

SGT Roger W. Hill, Company C, 509th Infantry, was awarded the Army Commendation Medal for achieving the highest score in the entire US Army on SQT skill level three test for 1978.

4th Battalion Dining Facility #4 received the General's Best Mess of the Year Award for 1977.

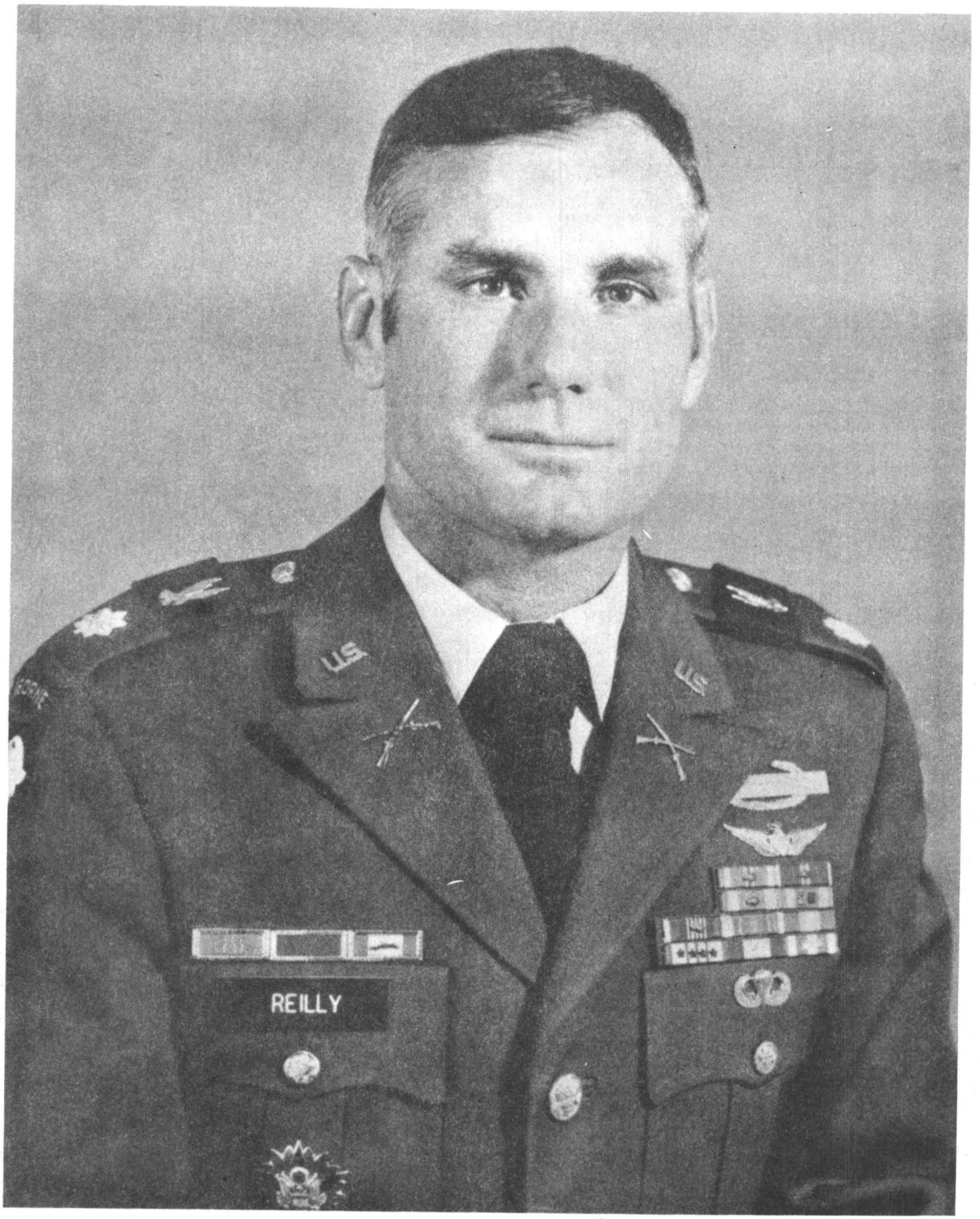
Company E provided a six-man color guard for the 1977 Gator Bowl in Jacksonville, Florida. The detail received Certificates of Achievement from the District Recruiting Command, Jacksonville, Florida, as well as letters of commendation from MG James C. Smith.

SSG Nathaniel E. Burkett, Company C, 509th Infantry, was 1st runnerup for NCO of the Year.

Commanding General approved wearing of the maroon beret by personnel of Company C, 509th Infantry, effective 20 February 1978.

The 4th Battalion Dining Facility #4 received the Commanding General's Best Mess Award for calendar year 1978.

Company C, 509th Infantry, participated in three retirement reviews during the fourth quarter 1978 and each time was awarded the drill streamer for outstanding marching unit.



LTC W. F. Reilly, Jr., assumed command of the 6th Battalion on 18 August 1978.

6TH BATTALION

MISSION:

Provides command of and administrative support for all personnel assigned, permanent party and students. Advises the Brigade Commander and the Deputy Commanding General on all matters pertaining to activities of all officer, warrant officer, and warrant officer candidate students. Provides detailed observation, evaluation, recording of performance, and extensive counseling of warrant officer candidates to develop each to his/her full leadership, academic, and flight potential. Recommends qualified candidates for warrant officer appointment. Conducts program for full development in a military environment for all initial entry and warrant officer candidate students and their wives.

ORGANIZATION:

The 6th Battalion, 1st Aviation Brigade, consists of the following units:

61st Company (1st Warrant Officer Candidate Company)
62d Company (2d Warrant Officer Candidate Company)
63d Company (Officer Student Company)
64th Company (Officer Student Company)
Allied Military Training Division

PERSONNEL:

Battalion commanders for 1978 were:

LTC Charles E. Anderson	1 Jan 78 - 17 Aug 78
LTC W. F. Reilly, Jr.	18 Aug 78 - Present

Command Sergeant Major for 1978 was CSM Alonzo C. Miller.

ACCOMPLISHMENTS:

1 January - 31 March 1978

On 15 March 1978, the 6th Battalion Pistol Team won the Post Competition Pistol Match. The team members were MAJ Uri Bendor, CPT John Hendrickson, 2LT Paul Woolman, and SFC Carl Foust. The team used M1911A 45 caliber pistols in the competition.

A consolidated battalion PT program was discontinued and a PT program was implemented by each section in March 1978.

Commanders are now in flight slots.

1 April - 30 June 1978

The 6th Battalion completed its AGI in May with minimal discrepancies.

1 July - 30 September 1978

Effective 28 August 1978, the new battalion commander, LTC W. F. Reilly, Jr., implemented the battalion command reveille on Monday, Wednesday, and Friday mornings, with battalion command retreat on Friday evenings.

The 6th Battalion PT program was reorganized.

LTC Charles E. Anderson, Battalion Commander, departed 18 August 1978.

LTC W. F. Reilly, Jr., assumed command of 6th Battalion on 18 August 1978.

MAJ Donald R. Scroggins, Battalion Executive Officer, departed 11 September 1978.

1 October - 31 December 1978

CPT Kenneth F. Wiegand arrived as 6th Battalion Executive Officer on 31 October 1978.

SFC Jack Ehman arrived as 6th Battalion S3 on 6 December 1978.

CW3 Larry J. Sanders arrived at 64th Company as unit Executive Officer on 4 December 1978.

61ST COMPANY

MISSION:

Recommends warrant officer candidates who are fully qualified for appointment to warrant officers upon successful completion of aviation training.

PERSONNEL:

Company commanders for 1978 were:

CPT Charles O. Broughton	1 Jan 78 - 25 Jun 78
CPT Albert W. Fitzgerald	26 Jun 78 - Present

First Sergeant for 1978 was 1SG Gerald A. Faulk.

ACCOMPLISHMENTS:

1 January - 31 March 1978

Received WORWAC 78-3 from 62d Company on 16 January.

Graduated WORWAC 77-27 from 18 January.

Received WORWAC 78-5 on 30 January.

Received WORWAC 78-7 on 17 Februry.

Received WORWAC 78-9 on 3 March.

Graduated WORWAC 77-35 on 3 March.

Received WORWAC 78-11 on 17 March.

Graduated WORWAC 77-37 on 17 March.

Received WORWAC 78-13 on 26 March.

Graduated WORWAC 77-39 on 31 March.

During the first quarter of 1978, 61st Company received 144 students from 62d Company and graduated 113 WO1s.

1 April - 30 June 1978

Change of command was held on 26 June 1978. CPT Charles O. Broughton relinquished command to CPT Albert W. Fitzgerald.

On 11 April 1978, WOC John P. Palazzolo was killed while participating in aerial flight training.

During the second quarter of 1978, the 61st Company received 112 students from 62d Company and graduated 133 WOls.

1 July - 30 September 1978

CW3 Fred C. Miller departed in August 1978, and CW4 Manfred L. LeRiche and CW2(P) Bennie Bacle, Jr., signed aboard.

On 14 July 1978, WOCs Lee A. Price and Michael B. McGowan were killed while participating in aerial flight training.

During the third quarter of 1978, we received 151 students from the 62d Company and graduated 150 WOls.

1 October - 31 December 1978

During the fourth quarter of 1978, we received three new TAC officers: CW2 John D. Davis, CW2(P) Richard W. Thompson, and CW2 Stephen K. Wells.

On 11 December 1978, WOC Jason D. Moore was killed while participating in aerial flight training.

During the fourth quarter of 1978, we received 118 students from the 62d Company and graduated 101 WOls.

62D COMPANY

MISSION:

Develops selected personnel to be warrant officer aviators in the Army of the United States who will be capable of performing duties appropriate to their grade in aviation units. The secondary mission is to serve as a basis for mobilization as the needs of the service require.

PERSONNEL:

Company commanders for 1978 were:

CPT Merlin H. Olson	1 Jan 78 - 16 Aug 78
CPT Alan M. Gardner	17 Aug 78 - Present

First Sergeant for 1978 was 1SG Robert W. Black.

ACCOMPLISHMENTS:

1 January - 31 March 1978

Light Blue Flight, Class 78-17, refurbished the two emergency guest houses for ACS.

Green Flight, Class 78-19, assisted in the repainting and renovation of the ACS lending hangar.

Royal Blue Flight, Class 78-12, in support of the ACS, constructed a reception desk and storage cabinets for the ACS lending hangar.

Navy Blue Flight, Class 78-11, and Royal Blue Flight, Class 78-23, combined their efforts in support of the National Horse Jumping Show, which was held at Fort Rucker.

1 April - 30 June 1978

Gray Flight, Class 78-27, raised in excess of $500 for the March of Dimes during their Walkathon.

Orange Flight, Class 78-29, installed carpeting in the ACS building; they also raised over $100 in the March of Dimes Walkathon.

Brown Flight, Class 78-31, relandscaped a small island in Lake Tholocco, thereby making it suitable for recreational uses. It was appropriately named "WOC Island."

Yellow Flight, Class 78-33, built and donated to 62d Company a horizontal ladder to enhance their physical fitness program.

Navy Blue Flight, Class 78-35, is sponsoring the Eufaula Adjustment Center for Children. The flight participated 100 percent in the US Savings Bond Program.

The 62d Company was first in the battalion in the 49er Party ticket sales, with over $1,000 in tickets sold.

Red Flight, Class 78-37, and Purple Flight, Class 78-39, had 100 percent participation in the US Savings Bond Program.

Three flights received certificates for outstanding participation in the Red Cross Blood Drive; they were: Green Flight, Class 78-17; Light Blue Flight, Class 78-19; and Gold Flight, Class 78-21.

1 July - 30 September 1978

CPT Merlin H. Olson departed 16 August 1978. CW4 John Popovich departed 30 September 1978, and CW2 Mark Carter departed 31 August 1978.

CPT Alan M. Gardner signed aboard 7 August 1978. CW3 Fred C. Miller signed aboard 16 August 1978.

Navy Blue Flight, Class 78-35, sponsored a Fort Rucker Tour with refreshments for the Eufaula Adjustment Center for Children.

Purple Flight, Class 78-39, participated 100 percent in the Annual CFC Drive.

Light Blue Flight, Class 78-41, raised and donated $100 to the Daleville Rescue Squad. The flight participated 100 percent in the Annual CFC Drive. The flights also collected over $190 worth of canned foods for the ACS Emergency Relief Fund.

Maroon Flight, Class 79-1, participated 100 percent in the Annual CFC Fund Drive.

Gray Flight, Class 79-3, donated $79.30 to the Annual Jerry Lewis March of Dimes.

Three flights had 100 percent participation in the Red Cross Drive; they were: Purple Flight, Class 78-39; Light Blue Flight, Class 78-41; and Gold Flight, Class 78-45.

The company collected $129.35 for the 1979 CFC Fund Drive.

The 62d WOC Company won the marching on 29 September 1978.

The 62d WOC Company received a Blood Donor Award from the Red Cross.

1 October - 31 December 1978

Gray Flight, Class 79-3, represented the 62d Company in the NCO Retreat Review and was judged first in marching.

Orange Flight, Class 79-5, prepared Chirstmas baskets of food and gifts for needy families.

Brown Flight, Class 79-7, had 100 percent participation for the Annual CFC Drive.

Light Blue Flight, Class 79-17, ran a total of 373 miles, and Purple Flight, Class 79-19, ran 173 miles for the Vivian B. Adams School, an event sponsored by the 1st Aviation Brigade on 16 December.

Five flights had 100 percent participation in the Red Cross Blood Drive. They were: Gray Flight, 79-3; Orange Flight, 79-5; Brown Flight, 79-7; Purple Flight, 79-15; and Light Blue Flight, 79-17.

CW3 Larry Sanders departed 4 December and CW3 Gary Shaner departed 18 December.

The 62d Company received a Blood Donor Award from the Red Cross.

63D COMPANY

MISSION:

Provides administration, operations, and coordination for permanent party personnel and student officer and warrant officer personnel.

PERSONNEL:

Commanders for 1978 were:

CPT Paul N. Young	1 Jan 78 - 19 Jun 78
CPT Gill L. Bledsoe	20 Jun 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

On 9 January, AWOAC 78-1 started.

On 11 January, Building 6618 was signed over to Facility Engineers.

1 April - 30 June 1978

The Aviation Warrant Officer Advanced Course 78-1 and Warrant Officer Senior Course 78-1 graduated 9 June 1978.

CPT Gill L. Bledsoe assumed command on 20 June 1978. Outgoing commander was CPT Paul N. Young.

1 July - 30 September 1978

The Aviation Warrant Officer Advanced Course 78-2 and the Warrant Officer Senior Course 78-2 began in July 1978.

1LT Shelly Tyson became the XO on 25 September 1978.

On 28 August 1978, the 6th Battalion Dining Facility, the "Hawk's Nest," was assigned to the 63d Company.

In September 1978, the "Hawk's Nest" Dining Facility won the Fort Rucker Dining Facility of the Quarter Award.

1 October - 31 December 1978

SFC Ronnie D. Hathaway became the Chief Admin NCO on 26 September 1978.

The Aviation Warrant Officer Advanced Course 78-2 and Warrant Officer Senior Course 78-2 graduated on 12 December 1978.

64TH COMPANY

MISSION:

Performs command, supply, and administrative functions in support of the Initial Entry Rotary Wing Aviator (Officer) Course and supply functions for 63d Company.

PERSONNEL:

Company commanders for 1978 were:

CPT John F. Hendrickson	1 Jan 78 - 19 Jun 78
CPT James W. Hodges	20 Jun 78 - Present

ACCOMPLISHMENTS:

1 January - 31 March 1978

Average permanent party strength during the report period was 15.

Average student strength during the report period was 348.

1 April - 30 June 1978

Change of command was held Tuesday, 20 June 1978. Incoming commander was CPT James W. Hodges, Jr., MI. Outgoing commander was CPT John F. Hendrickson, AR.

The unit contributed $402.21 to the Army Emergency Relief Drive in June 1978, an average of $1.40 per person.

The unit contributed $288.50 in the sale of tickets to the 49er Party in May 1978.

Average permanent party strength during the report period was 18.

Average student strength during report period was 399.

1 July - 30 September 1978

The officer students of this unit are presently involved with 6th Battalion staff in reveille, PT, and retreat formations. At least one class of officer students participates in each of these formations.

The 64th Company "Golden Bolts" Softball Team was the division second place team and post runner-up champs for the 1978 season. The flag football team is presently going strong.

This unit has completed its 1979 CFC Drive. Total amount collected was $5,890. Average amount per man was $19.19.

Average permanent party strength during the report period was 18.

Average student strength during the report period was 424.

1 October - 31 December 1978

The 64th Company was second place overall (November 1978) in the 1st Aviation Brigade Sports Fest.

The first annual 64th Company Softball Tournament (October 1978) was won by ORWAC 78-44.

1LT Thomas G. Brown, ORWAC 78-36, was killed in an automobile accident near Phenix City, AL, while enroute to Tucson, AZ, on Christmas leave (21 December 1978).

Average permanent party strength during the report period was 18.

Average student strength during the report period was 434.

ALLIED MILITARY TRAINING DIVISION

MISSION:

Is responsible for all matters regarding the health, welfare, morale, discipline, and administration of allied students attending training at the US Army Aviation Center.

PERSONNEL:

Chiefs for 1978 were:

MAJ Willis C. Haycock	1 Jan 78 - 13 Jul 78
MAJ Peter W. Barber	14 Jul 78 - Present

ACCOMPLISHMENTS:

1 April - 30 June 1978

2LT Houston J. Marks, II, arrived as Assistant Chief, AMTD (Support Officer) on 22 May 1978.

2LT Paul D. Woolman, who was Assistant Chief, AMTD (Support Officer), departed to 64th Company on 21 June 1978 to attend IERW Class 78-36.

1 July - 30 September 1978

CPT Peter W. Barber came aboard 14 July 1978 as Chief, Allied Military Training Division.

MAJ Willis C. Haycock, who was Chief, Allied Military Training Division, departed 14 July 1978.

Average foreign student strength was 60 personnel.

Graduated 47 students.

Conducted two tours (Atlanta, Huntsville).

Held one reception.

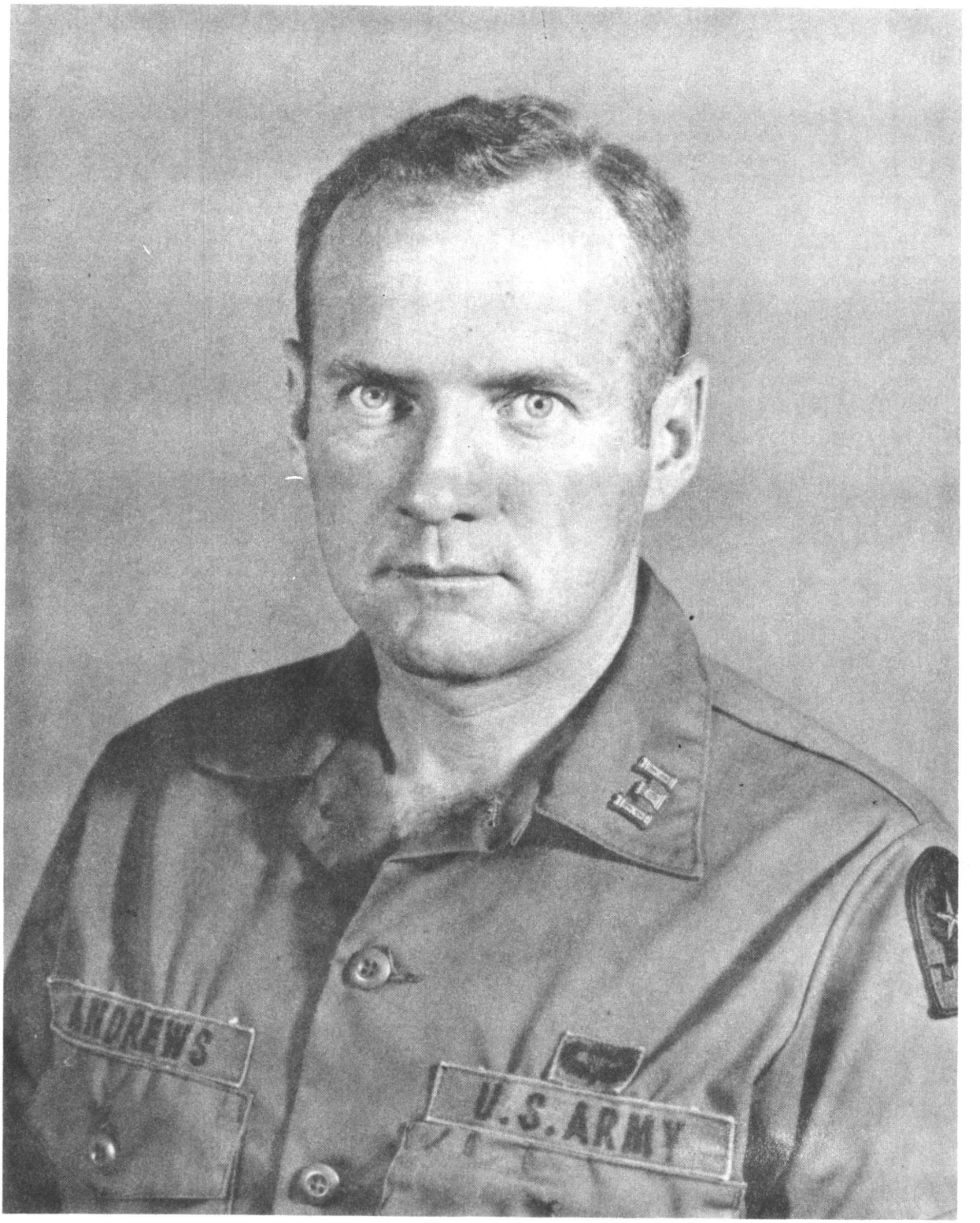
1 October - 31 December 1978

Average foreign student strength was 60 personnel.

Graduated 47 students.

Conducted no tours.

Held one reception.



LTC James H. Andrews assumed command of the 46th Engineer Battalion (Combat)(Heavy) on 30 June 1978.

46TH ENGINEER BATTALION (COMBAT) (HEAVY)

MISSION:

Engineer Units: Constructs and rehabilitates roads, airfields, pipeline systems, structures, and utilities for the Army and Air Force; and assists in emergency recovery operations. Increases the combat effectiveness of division, corps, and theater Army forces by means of engineer combat support and general engineer work. Performs infantry combat missions when required.

Attached Units: Provides refueling and storage capability to US Army contingency missions. Provides motor transportation of bulk petroleum products. Provides ground evacuation and medical support. Provides balanced and flexible EOD support. Provides fire fighting crash rescue assistance.

Fort Rucker Support: Maintains combat readiness of STRAF and REFORGER units; provides engineer troop construction and maintenance support for Fort Rucker; provides line hauling and refueling at stagefields; provides general support for USAAVNC training activities; supports contingency requirements; conducts parades, ceremonies, and funerals as directed.

ORGANIZATION:

The 46th Engineer Battalion (CBT)(HVY) consists of the following units:

Headquarters and Headquarters Company
A Company (-)
B Company
C Company
Detached Units:
  D Company (Fort McClellan, AL)
  A Company Quarry Section (Fort McClellan, AL)
Attached Units:
  108th Quartermaster Company
  416th Transportation Company
  427th Medical Company
  123d Explosive Ordnance Detachment
  91st Engineer Detachment (fire fighting)

MTOE 05-115HFC04.

PERSONNEL:

Battalion commanders for 1978 were:

LTC James R. Whitley	1 Jan 78 - 30 Jun 78
LTC James H. Andrews	30 Jun 78 - Present

Battalion Command Sergeants Major for 1978 were:

CSM Hal S. Gladson	1 Jan 78 - 5 Dec 78
1SG Robert D. Olinger	5 Dec 78 - Present

ACCOMPLISHMENTS:

Reenlistments for 1978 were as follows:

Type	Goal	Achievement	Percent
First termer	65	63	97%
Careerists	84	83	99%

Soldiers/NCOs of the Month:

Month	NCO	Soldier
January	SGT James Cadden, B Co	PFC Steven Mignery, C Co
February	SP5 Michael Hollingsworth, 108th**	PV2 Timothy Keyosky, B Co
March	SGT Ronnie McCray, 108th**	SP4 Barton Bigsby, B Co**
April	SP5 Charles Slaton, 108th	PVT Michael Wolfertz, B Co
May	SGT Marshall Thacker, 416th	PFC Timothy Keyosky, B Co
June	SGT Randall White, 427th	PFC Robert Hancock, 108th*
July	SP5 Alfred Parker, C Co	SP4 Richard Ore, C Co**
August	SGT Robert Croy, C Co**	SP4 Jeanne Eldridge, 108th**
September	SGT William Milton, B Co	SP4 Howard Dissinger, B Co**
October	SSG Thomas Taylor, 108th**	SP4 Robert Hancock, 108th**
November	SGT James P. Bandy, C Co*	SP4 William A. Doucet, 427th
December	SP5 Benjamin Larson, 108th	SP4 Ronald Maynor, C Co

* Selected as Brigade Soldier/NCO of the Month
**Selected as Post Solider/NCO of the Month

Construction/Training/Logistics:

In January, NBC control parties were trained by the S2 staff officer in detection, decontamination, and equipment utilization.

DIO conducted a property accountability of the entire battalion for Operation Proper Count,3-9 January. No major deficiences were found.

On 11 January the 1169th Engineer Group (ALNG), DFAE, and the Engineer Battalion staff discussed projects for construction during AT 78.

In February the Battalion C-E personnel trained units on radio telephone procedures, manual encryption systems, message preparation, field expedient antennae, and electronic counterintelligence measures. Battalion CEOI extract was developed to promote the proper use of C-E systems in and out of the field.

Rivers in Alabama overflowed their banks, 7-11 February. 1LT Holmlin advised personnel in Elba on flood prevention measures. Service members evacuated flooded personnel from a trailer park on Highway 92 in Daleville, AL.

On 9-10 February, European scenario CPX was conducted with D Company personnel and the entire 877th Engineer Battalion staff and commanders working side by side with their 46th Engineer Battalion counterparts.

On 11-12 February, a training assistance visit was made to the 877th Engineer Battalion Headquarters. Classes were presented by SGT Dickinson and WO1 Whitehouse.

On 15-16 February the Battalion Rifle/Pistol Team began practicing for installation matches to be conducted in March. The battalion rifle team outshot the 4th Battalion and represented Fort Rucker at Fort Meade's All Army Tournament on 31 March.

Hosted a benefit softball tournament for Vivian B. Adams School on 26-27 August.

Conducted a Battalion CPX on 6-7 September.

Supported 108th on ARTEP training on 6-7 September.

Conducted range firing for M-16A1 at Fort Benning, GA, on 12-13 September.

Conducted weapons familiarization with M203 grenade launcher, .50 caliber MG, M-60 MG, on 19-21 September.

Supported EDRE for 416th Transportation Company on 26 September.

Supported EDRE for 91st Engineer Detachment (FT) on 28 September.

Florida Recreation Area Renovation--B and C Companies provided maintenance teams to upgrade some of the existing facilities at the Fort Rucker Recreation Area. Tasks included upgrading the beach area, constructing sidewalks, repairing trailers, and repairing electrical equipment.

Prefab Metal Building at Golf Course--C Company constructed a 40' x 75' prefabricated metal building for Recreation Services. This was the first metal building constructed by the battalion since 1976; it was erected in 16 days.

A courtesy visit was conducted for the 877th Engineer Battalion (RC) at Hamilton, AL, 21-22 October.

Junior NCOs from D Company, Fort McClellan, attended a five-day class on the new TARCOM Telephone Repair Truck and a three-day course on NBC Defense Training, 13-17 November.

The battalion participated in the Brigade Sports Fest,17-19 November.

The battalion commander, C Company commander, and Materiel Readiness Officer conducted a liaison visit with the 18th Engineer Brigade in Germany to inspect the POMCUS equipment and familiarize themselves with the parent unit, 25 November - 2 December.

The Supply Administration Center (SAC) was disbanded and supply reorganized IAW TOE, placing supply sergeants and company supply functions back into the companies. Two immediate favorable results are noted:

a. There is closer coordination and cooperation between company elements and the supply system.

b. There is improved accountability of all types of government property .

On 7 March, the battalion soils analyst attended the Nuclear Densometer Conference held in Atlanta, GA.

Through the first quarter, EEMO sent Battalion PLL clerks to SAILS (Standard Army Intermediate Level Supply Subsystem) Supply School on Fort Rucker, in preparation for the conversion to the new computerized supply system.

The Engineer Companies stepped up their platoon-level ARTEP throughout the first quarter. On 26 February, the TOC was set up in preparation for the battalion evaluation that was successfully conducted from 27 February to 2 March, resulting in an upgrade in readiness to level 1.

In April, developed platoon-level rotational training concept whereby one platoon conducts training each month while another one provides post support and the third platoon fulfills school training requirements.

Battalion conducted REFORGER Loadout Exercise, 11-13 April.

CPX held at Fort McClellan with 1169th Engineer Group, 14-16 April.

NBC Officer/NCO Course held for all battalion officers and senior enlisted personnel, 1-4 May.

Battalion level EDRE of the 108th QM Company and 416th Transportation Company was called, 15-17 May.

Supported 108th and 416th on an XVIII Airborne Corps EDRE, 22-24 May.

Supported 427th Medical Company's FTX, 4-6 June.

Evaluated 877th Engineer Battalion (ALNG) during their FTX, 5-8 June.

Conducted C-E course for 877th Engineer Battalion, 14-15 June.

Conducted NBC course for the 877th Engineer Battalion, 15-16 June.

Participated in the 1169th Engineer Group's parade, 15 June.

Conducted NBC course for the 151st Engineer Battalion, 27-28 June.

Conducted C-E course for the 152st Engineer Battalion, 28-29 June.

Conducted a battalion change of command ceremony on 30 June. LTC Andrews assumed command of the 46th Engineer Battalion.

Supported 427th Medical Company on a REFORGER EDRE, 31 July - 2 August.

Provided support on 427th Medical Company FTX, 3-4 August.

Sponsored a luau for brigade officers, 25 August.

HEADQUARTERS AND HEADQUARTERS COMPANY

MISSION:

Provides command, construction planning, direction, coordination, and control of the Engineer (Combat) (Heavy) Battalion and attached units; and provides overall supervision of the consolidated dining facility serving the 46th Engineer Battalion and selected units from the 1st, 4th, and 6th Battalions.

PERSONNEL:

Company commanders for 1978 were:

CPT Peter L. Ng	1 Oct 77 - 3 Dec 78
CPT Randy F. Hudson	8 Dec 78 - Present

First Sergeant for 1978 were:

1SG Virgia LeBlanc	5 Feb 77 - 22 Aug 78
1SG John L. Blanton	22 Aug 78 - Present

ACCOMPLISHMENTS:

ARTEP training was emphasized throughout the first quarter. The staff planned and supported a platoon level evaluation of all line companies, to include D Company from Fort McClellan, from 28 February - 3 March.

The unit planned, organized, and participated in a battalion level CPX using the European Scenario on 9 March.

The company received a satisfactory rating for its AGI conducted on 24 March.

Consolidated Mess #2 was named the Best Mess for the first quarter of 1978.

Post Cook of the First Quarter was SP5 Clarence Coskey from the 416th Transportation Company.

Cook of the Second Quarter, SP5 Andre Hines, was from the 427th Medical Company.

Provided support for CPX at Fort McClellan, 14-16 April.

Renovated Dining Facility #2 in June.

Received the battalion award for best reenlistment record for the second quarter.

Conducted M16A1 weapons firing at Fort Benning on 12-13 September.

Dining facility selected to represent Fort Rucker in Connally Best Mess competition.

Took post championship in the Intramural Football League.

SGT Charles R. Clark was chosen Cook of the Fourth Quarter in post competition.

A COMPANY

MISSION:

Provides construction equipment and operators in support of two construction companies. Provides direct support maintenance to all assigned/attached companies. Provides double surface bituminous treatment support to the battalion.

PERSONNEL:

Company commanders for the first quarter were:

CPT Eddie Duncan	1 Jan 77 - 19 Jan 78
1LT Richard J. Berish	20 Jan 78 - Present

First Sergeant for 1978 was 1SG Jesse Gaddy.

ACCOMPLISHMENTS:

Conducted a company FTX at Fort Rucker, emphasizing ARTEP tasks, 16-19 January.

The company held a change of command ceremony on 20 January.

1SG Jesse Gaddy was presented the Army Commendation Medal for his work in Korea.

FTX conducted at Fort Rucker, 9-13 February, devoted to improving platoon-level training.

Validated level 1 during ARTEP at Fort Rucker, 26 February - 1 March.

Satisfactorily passed the AGI on 28 March.

Conducted record range firing at Fort Benning, 29-30 March.

Completed a REFORGER loadout, 11-14 April.

Participated in a CPX at Fort McClellan with the 1169th Engineer Group, 15-16 April.

Supported 108th QM Company in a battalion level EDRE, 16-18 May.

Supported 108th QM Company in an EDRE called by XVIII Airborne Corps, 22-24 May.

Provided equipment and evaluator support for A Company, 877th Engineer Battalion (ALNG), for their field training, 29 May - 10 June.

Cited as the top contributor from the 46th Engineer Battalion in the CFC campaign.

Provided maintenance support to B and C Companies during JTX GALLANT EAGLE.

Provided equipment and operator support on West Beach Road, the Pistol Range, and Troy Recreation Area Project.

Conducted weapons qualification at Fort Benning with M16A1 on 13 September.

Made the largest financial contribution to CFC.

Continued to provide maintenance and construction equipment support to the line companies.

B COMPANY

MISSION:

Evacuates, hauls, compacts, and grades earth; provides stabilized earth subgrades for airfields and roads; constructs and rehabilitates buildings, post facilities, bridges, and drainage structures; installs and repairs utilities; and is prepared to conduct combat engineer and infantry operations if required.

PERSONNEL:

Company commanders for 1978 were:

CPT Robert W. Burkhardt	5 Jul 77 - 15 Dec 78
1LT Stephen J. Butler	15 Dec 78 - Present

First Sergeants for 1978 were:

1SG Anthony Polelli	5 Feb 77 - 10 Jul 78
SFC Richard L. Ramirez	10 Jul 78 - Present

ACCOMPLISHMENTS:

ARTEP training consisted of installing, breaching, and removing minefields, 1-3 February.

Company FTX, emphasizing ARTEP tasks, was conducted on Fort Rucker, 8-14 February.

All platoons validated level 1 during the ARTEP, 28 February - 3 March.

Satisfactorily passed the AGI on 29 March.

ARTEP training throughout the quarter emphasized identification of friendly and enemy aircraft, NBC defense, construction of obstacles, patrolling, land navigation, and heavy equipment operations.

Sent element to Fort McClellan for a joint CPX with 1169th Engineer Group, 14-16 April.

Began work on float bridge site.

Worked on Airport Road Bridge.

Conducted Spring Clean-up, 10-14 April.

Practiced REFORGER Loadout, 10-14 April.

Began clean-up from ARTEP and provided support for renovating Dining Facility # 2, 1 May.

Float bridge project was completed.

The following projects were ongoing during July: S4 Storage Yard; Airport Road Bridge; and ARTEP Evaluation Station.

During August the Wildlife Association's floating boat dock was repaired, and debris was removed from Flier Field.

During September the steel wall at Lake Tholocco was replaced, and the New Brockton Ballfield and New Brockton High School lighting projects were completed.

Placed 400 yards of pipeline at ammunition storage yard.

Unit finished fourth in the Brigade Sports Fest.

Organized the battalion athletic area.

Participated in GALLANT EAGLE 79 at Eglin Air Force Base, FL, in support of the 101st Air Assault Division and the 24th Infantry Division in both a construction and combat engineering role.

Constructed the largest anti-tank ditch recorded in CONUS during GALLANT EAGLE 79.

C COMPANY

MISSION:

Evacuates, hauls, compacts, grades, and stabilizes earth; subgrades for airfields and roads; constructs and rehabilitates buildings, post facilities, bridges, and drainage structures; installs and repairs utilities; and is prepared to conduct combat engineer and infantry operations as required.

PERSONNEL:

Company commanders for 1978 were:

CPT Thomas L. Bailey	18 Aug 77 - 30 Jun 78
2LT Steve Hall	1 Jul 78 - 10 Aug 78
CPT Scott B. Cottrell	10 Aug 78 - Present

First Sergeant for 1978 was 1SG Lister H. Reeves.

ACCOMPLISHMENTS:

One 10-man squad conducted adventure training consisting of land navigation and canoeing down Pea River, 16-20 January.

Validated level 1 during ARTEP, 26 February - 1 March.

Satisfactorily passed the AGI on 30 March.

During January the battalion C-E section trained company personnel in the use of the manual encryption system.

During February the entire company trained at the Battalion NBC Proficiency Course in the Combat Training Area.

The Elba Girl Scout Camp project was completed in June.

The Parcourse Course was completed enough so that it could be utilized for physical fitness training. Two percent of the project remains to be completed.

The C5A Mock-up Project and the Pistol Range Project were begun during the third quarter.

Land clean-up project in Esto, FL, conducted 12-21 June.

Members of the company participated in JTX GALLANT EAGLE 79 conducted at Eglin AFB during October and November.

C Company conducted a FTX 14-16 November. Missions were assigned IAW ARTEP manual 5-115.

Training was conducted during December IAW ARTEP manual 5-115 up to squad level tasks.

Gas chamber renovation took place.

Security screen was installed on Building 24152.

108TH QUARTERMASTER COMPANY

MISSION:

Provides GS wholesale supply of petroleum products and maintains a prescribed portion of the field Army petroleum stocks. Provides refueling and storage capability to US Army contingency missions. Provides rapid refueling and limited storage capability to the Aviation Center in support of aviation training.

PERSONNEL:

Company commander for 1978 was CPT Paul E. Tommey.

First Sergeant for 1978 was 1SG John DeJesus.

ACCOMPLISHMENTS:

Conducted record range firing at Fort Benning on 18 January.

January was devoted to POR training in preparation for the Annual General Inspection. This included NBC proficiency exercises.

Satisfactorily passed the AGI on 24 February.

Forward Area Refuel Rearm Point(FARRP) established at Fort Rucker in March.

Won the Post Championship Basketball Tournament on 8 March.

On 29 March, 134 personnel were deployed to California to participate in Operation BRAVE SHIELD.

Driver Training Program was established to cross-train 76W MOS personnel as truck drivers in March.

The unit participated in BRAVE SHIELD 17 at Fort Irwin, CA, in April. Nearly 150 troops were deployed and received laudatory comments from all supported units.

The unit established a refueling site at Wolfpit in support of USAAVNC aircraft.

Satisfactorily conducted battalion-called Emergency Deployment Readiness Exercise, 16-18 May.

Successfully conducted Emergency Deployment Readiness Exercise evaluated by XVIII Airborne Corps, 22-24 May.

Several members of the unit, notably SFC Rodriguez, worked long hours on a battalion-sponsored softball tournament which benefited the Vivian B. Adams School. The tourney, held 26-27 August, raised $310 for the cause.

The 108th took top honors in the battalion bowling league for the season.

The 108th was evaluated for ARTEP training on 6-8 September. All elements were deployed to Runkle Army Airfield and then back to Fort Rucker training areas. The three-day FTX was highlighted by night convoys and wearing of the protective mask in a simulated NBC environment. Evaluators were from the 110th QM Company, Fort Stewart, GA, and the 46th Engineer Battalion.

The 108th took first and second places in basketball competition in the Brigade Sports Fest.

416TH TRANSPORTATION COMPANY

MISSION:

Provides motor transportation of bulk petroleum products. Provides storage for a portion of the JP-4 stocks for the USAAVNC. Line hauls fuel to Runkle AAF, Troy Airport, and the FARRP as requested.

PERSONNEL:

Company commanders for 1978 were:

CPT Michael L. Jarvis	2 Sep 77 - 31 Aug 78
CPT Donald G. Tucker	31 Aug 78 - Present

First Sergeants for 1978 were:

1SG Robert D. Olinger	1 Jan 77 - 5 Dec 78
SFC Willie A. Woods	5 Dec 78 - Present

ACCOMPLISHMENTS:

Conducted record range firing at Fort Benning on 3-4 and 10-11 January.

Rail movement, vehicle tiedown, loud planning, and hot and cold refueling classes were given 9-13 January.

Assumed TMP support requirements for bus drivers needed to transport flight students on 27 January.

Company FTX conducted at Fort Rucker, 7-10 February.

On 15-24 February, the 416th selected and trained personnel to participate in Navy Survival Class held at Pensacola, FL.

On 27 March - 2 April, the 416th aggressed against 46th Engineer Battalion in support of their ARTEP evaluation.

Conducted night convoy exercise on 15 March.

Conducted gas chamber exercises/qualification on 16 March.

Twenty drivers were sent to California on 29 March to participate in BRAVE SHIELD 17.

A squad-sized element from the 416th participated in BRAVE SHIELD 17 conducted at Fort Irwin, CA, during April.

The unit training program was reorganized to allow one platoon per month to train.

The unit was evaluated by battalion in an Emergency Readiness Deployment Exercise (EDRE) on 16-18 May.

The unit was evaluated by XVIII Airborne Corps in another EDRE on 22-24 May.

The 1st, 2d, and 3d Platoons conducted ARTEP training.

The Brigade conducted EDRE of the unit.

Two platoon-size elements participated in GALLANT EAGLE 79 conducted at Eglin AFB, FL, 5 October - 15 November. A total of over four million gallons of fuel and water were transported by these two elements.

Passed the annual unannounced AGI on 27 November.

Operation Santa Claus distributed over 50,000 toys to the Wiregrass area's needy children. The 416th received national television recognition for its participation.

Received the Superior Award for CFC contributions.

The drivers' training section trained and licensed ten 5-ton, four 2½-ton, four 1/4-ton, and thirty-five 45-passenger bus operators.

The unit drove 651,071 miles during the fourth quarter without an accident.

427TH MEDICAL COMPANY

MISSION:

Maintains a state of readiness in support of US Army contingency missions. Provides ground evacuation and medical support for USAAVNC and 46th Engineer Battalion Troop Medical Clinic.

PERSONNEL:

Company commander for 1978 was CPT Barry S. Hersey.

First Sergeants for 1978 were:

1SG Konrad A. Gasteiger	1 Jan 77 - 16 Jun 78
SFC Charles H. Tatum	16 Jun 78 - Present

ACCOMPLISHMENTS:

The company held an FTX at Eglin AFB 10-12 January to prepare for the AETEP.

The company held a CPX/FTX,19-20 January,to correct problems cited in earlier FTX.

The company held a walk-through EDRE on 30 January.

Initiated SQT/OJT program with Lyster Army Hospital in February.

Participated in a Mass Casualty Exercise with AAMC (Army Aeromedical Center) on 16 March.

The 427th Medical Company underwent and successfully completed the AGI on 4 April.

The 427th Medical Company successfully completed a battalion implemented EDRE.

The third platoon completed a miniature ARTEP FTX 12-14 June, performing a variety of platoon ARTEP tasks from the 8-12 ARTEP manual.

The first platoon completed weapons qualification at Fort Benning, GA, on 26 June.

Post called an EDRE, REFORGER Loadout, 1-3 August.

The second platoon completed SQT/OJT at Lyster Army Hospital on 11 August.

Two ambulances with required drivers and orderlies were committed to B Company in support of GALLANT EAGLE 79 at Eglin AFB, FL, from 16 October to 23 November.

The entire unit passed the annual Advanced Physical Fitness Test in December.

During the month of December, the entire unit participated in an FTX with special emphasis on night convoy and mass casualty exercise.

123D ORDNANCE DETACHMENT

MISSION:

Provides balanced and flexible explosive ordnance disposal support.

PERSONNEL:

Detachment commanders for 1978 were:

CPT Steve Buettner	1 Jan 77 - 10 Apr 78
CPT David Thompson	10 Apr 78 - Present

NCOICs for 1978 were:

SSG Thomas Risavy	1 Jan 78 - 14 Jul 78
MSG Harland Mayo	14 Jul 78 - Present

ACCOMPLISHMENTS:

The unit AGI was conducted on 1 March.

Traveled 1,600 miles to investigate 20 individual incidents.

Three hundred and seventy-three manhours were devoted to training.

FLATIRON flew emergency air support four times throughout the first quarter to help with EOD missions.

The unit responded to 23 incidents during the second quarter, driving 2,537 miles and utilizing 266 manhours. These incidents accounted for 4,025 potentially hazardous items and 146 pounds of explosives. Four missions and 530 manhours were utilized in support of the US Secret Service.

Sixty-four manhours were expended instructing local, state, and federal law enforcement officers.

Unit was supported by FLATIRON emergency air support for three missions occurring 5 and 14 April and 11 May.

The unit responded to 18 incidents during the third quarter, driving 1,650 miles and utilizing 133 manhours. These incidents accounted for 105 potential hazardous items and 95 pounds of explosives.

Forty-two manhours were expended instructing 36 local, state, and federal law enforcement officers.

The detachment underwent and passed a Level III ARTEP in October.

The following items of significance were contributed by the 123d:

a. Responded to 20 potentially hazardous incidents expending 94 manhours and 1,604 miles.

b. Conducted one demolition class for eight FBI agents, expending 46 manhours.

c. Expended 620 manhours on three VIP support missions to the US Secret Service in support of the President and Vice-President of the United States.

d. Expended 35 manhours in the destruction of some 2,151 explosive items, turned in to the ammunition storage point as unserviceable.

91ST ENGINEER DETACHMENT

MISSION:

Supports the Aviation Center by maintaining one fire truck continuously at Knox Army Airfield to function as crash rescue unit.

PERSONNEL:

Command and control comes from the 416th Transportation Company.

ACCOMPLISHMENTS:

Continued Knox Army Airfield fire support and supplied DFAE with night flight support crews as needed.

The unit conducted a Fire Department Supervisor's Course for E-5s and below.

Four drivers have been trained from the 416th to supplement the unit on missions as needed.

Unit participated in SQT survey for 51M MOS (fire fighter) on Fort Rucker.

Participated in an Emergency Deployment Readiness Exercise evaluated by DFAE.

Conducted a fire fighting OJT program for members of the 416th Transportation Company.

Established weekly Crash Rescue Training Program.

Reached 100 percent of CFC goal and participation.

Conducted annual EDRE on 28 September.

SECTION II

TENANT ACTIVITIES

US ARMY AIRCRAFT DEVELOPMENT AND TEST ACTIVITY

MISSION:

Plans, conducts, evaluates, and reports on the government test elements (EDT-G, ADVT-G, PQT-G); and monitors, evaluates, and reports on the contractor test elements (EDT-C, ADVT-C, PQT-C, PVT-C) of the single integrated development test cycle concept of aircraft and aircraft related support equipment.

Provides test service and support, including advice and guidance on test and evaluation matters, to materiel developers, materiel producers, and other services and private industry as directed. Reviews and provides comments on contractor test plans and reports, and monitors contractor testing.

Conducts other tests and evaluation as directed by the Commanding General, TECOM.

ORGANIZATION:

The US Army Aircraft Development Test Activity (USAADTA) was established under the Commanding General, US Army Test and Evaluation Command (TECOM), to accomplish development and development-type testing of aircraft, aircraft components, and aircraft related support equipment. General Orders 113, HQ DARCOM, 28 June 1976, established the US Army Aircraft Development Test Activity as a field operating activity of TECOM, effective 1 July 1976.

PERSONNEL:

Year end authorized personnel strengths were 324 military and civilian personnel. Key personnel assigned during the year were:

Position	Personnel	Dates
Commander	COL William E. Crouch, Jr.	1 Jan - 31 Dec 78
Deputy Commander	COL William F. Lang, Jr.	1 Jan - 4 Jul 78
Technical Director	Dr. James S. Kishi	1 Jan - 31 Dec 78
Executive Officer	LTC Ray H. Kreulen	1 Jan - 21 Aug 78
	MAJ Colon J. Keel, Jr.	22 Aug - 31 Dec 78
Chief, Management Division	Mr. Robert L. Hall	1 Jan - 31 Dec 78
Chief, Plans and Methodology Division	LTC William B. Benton	1 Jan - 31 Dec 78
Chief, Materiel Test Division	LTC John O. Turnage	1 Jan - 4 Jul 78
	COL William F. Lang, Jr.	5 Jul - 31 Dec 78
Chief, Test Support Division	LTC Billy W. Taylor	1 Jan - 19 Nov 78
	MAJ Louis A. McAdams	20 Nov - 31 Dec 78
Chief, AAH Test Project	LTC Billy W. Taylor	1 Jan - 31 Dec 78
Commanding Officer, Headquarters Company	MAJ James E. Wilson	1 Jan - 2 Apr 78
	CPT Randell G. Oliver	3 Apr - 31 Dec 78
First Sergeant, Headquarters Company	1SG Glen C. Barnes	1 Jan - 1 Feb 78
	1SG Nicholas K. Smythe	1 Feb - 31 Dec 78

MANAGEMENT DIVISION

ACCOMPLISHMENTS:

An additional civilian budget position was authorized on an overhire basis in order to accommodate a 50 percent increase in workload generated by a change in RDTE funding policy.

Prior to FY 78, USAADTA was "bulk" funded for all civilian labor, contract maintenance, and other costs required; however, effective with FY 78, all direct test costs were reimbursed by the customer.

Approximately 100 customer orders are anticipated for FY 79, in contrast to approximately 15 under the previous funding policy.

TEST SUPPORT DIVISION

FLIGHT OPERATIONS BRANCH

ACCOMPLISHMENTS:

The Flight Operations Branch scheduled and dispatched 4,343 flights during FY 78 for a total of 6,652 flight hours. Of these hours, 5,433 were for test missions and the remaining were flown in support. In conjunction with the test and support mission, 405 standardization checkrides were administered, 122 instrument qualifications were renewed, and 16 aircraft qualifications were completed.

During FY 78, the Flight Operations Branch was visited and evaluated by several major commands. These included such headquarters as DARCOM, TECOM, and the Directorate of Evaluation and Standardization, Fort Rucker, AL. Satisfactory ratings with several noteworthy comments were received during each visit.

LOGISTICS MANAGEMENT BRANCH

ACCOMPLISHMENTS:

The Logistics Management Branch supports all test projects with no test being delayed due to logistical support. A complete 100 percent inventory of all property was conducted, and only minor adjustments to hand receipts were required. Equipment and supplies have been requisitioned to support the Arctic Test on the Black Hawk helicopter.

PHOTO AND OPTICS BRANCH

MISSION:

Provides audiovisual and duplication services in support of the testing missions of the US Army Aircraft Development Test Activity.

ACCOMPLISHMENTS:

Audiovisual and photo instrumentation requirements for FY 78, while undergoing changes, were approximately the same volume as for FY 77.

Duplication requirements increased moderately.

MAINTENANCE SUPPORT BRANCH

ACCOMPLISHMENTS:

The Maintenance Support Branch, with the support of the personnel of the aircraft maintenance contractor, was required to support test projects at many test sites beside Fort Rucker. Among these were: Wichita, KS; Henderson, NV; Manchester, NH; Fort Bliss, TX; Ontario, Canada; White Sands Missile Range, NM; Fort Drum, NY; Las Vegas, NV; and Lynn, ME.

Another important project began in FY 78 and will continue into FY 79. Joint Countering of Attack Helicopters (J-CATCH) Phase I involves seven Army and six US Air Force aircraft. Electronic and instrumentation packages were engineered and installed in the Air Force aircraft by the USAADTA aircraft maintenance contractor. This is a first in support for the Activity and Fort Rucker and is a sample of joint testing capability.

MATERIEL TEST DIVISION

AIRCRAFT PRODUCT IMPROVEMENT TEST BRANCH

ACCOMPLISHMENTS:

The Aircraft Product Improvement Test Branch completed 25 projects during 1978. Nineteen test reports and nine test plans were published for external distribution. Two quarterly and 23 monthly progress reports were published. Some of the more significant tests requiring major resources were:

Prototype Qualification Test-Government, OV-1D IR Suppressor System
Prototype Qualification Test-Government, RU-21 IR Suppressor System
Development Test II (Tropic Phase), XM130 Aircraft General Purpose Dispenser System
Product Improvement Test, OH-58C Minus Components
Product Improvement Test, T55-L-11 Engine
Compatibility Evaluation, 214A Helicopter M23/MG-3 Weapon System
Product Improvement Test, UH-1D/H Main Rotor Hub Assembly Oil and Seals

SYSTEMS TEST BRANCH

ACCOMPLISHMENTS:

The Systems Test Branch completed 15 projects during FY 78. Six test plans and 15 test reports were published. Approximately 60 percent of the Systems Test Branch workload was tests conducted on aircraft survivability equipment. Some of the significant tests were:

AIDAPS Diagnostic Equipment
CH-47 SFTS
AN/ALQ-144 IR Jammer
AH-1() Rotor Downwash
XM-130 Flare Dispenser
UH-1() Utility Hoist
AH-1 Plume/Hot Metal IR Suppressor

INSTRUMENTATION BRANCH

ACCOMPLISHMENTS:

The Instrumentation Branch increased its support capability in the equipment area during FY 78. A 3,000 square foot building was built to house the new data reduction and system calibration equipment. The workload for the Instrumentation Branch increased during the year. Some of the projects using instrumentation support were:

AH-1 Vibration Survey
AH-1 Plume/Hot Metal IR Suppressor
Improved Bell Scoop
Utility Hoist
AN/ALQ-136 Radar Jamming System
AN/APR-39(V) 2 Radar Warning System
AN/ASN-128 Doppler

RELIABILITY AND ANALYSIS BRANCH

ACCOMPLISHMENTS:

The Reliability and Analysis Branch supported the test and evaluation effort by providing RAM guidance and analysis capability. The RAM guidance was provided by writing RAM sections of test plans and monitoring tests. The analysis capability was provided by writing RAM sections of test reports. Analysis of engineering data was also performed.

The capability of the Branch was seriously impaired by the loss of two aerospace engineers and an operations research analyst. A replacement for one of the engineers has been employed.

BLACK HAWK TEST BRANCH

ACCOMPLISHMENTS:

On 8 February 1978, the Black Hawk augmentation to the Aircraft Development Test Activity TDA was approved providing for four officers and 32 enlisted personnel. Training began at the Sikorsky plant in May 1978 and by 1 December 1978, all personnel had completed the Black Hawk training.

The Black Hawk Branch maintains the UH-60A helicopter in all phases of testing and compiles an extensive RAM/Log data base on the aircraft.

A production Black Hawk is scheduled to arrive in February 1979, and the branch will test three other production UH-60s through May 1980.

The Black Hawk Branch is involved in an extensive in-house maintenance training program in which all Black Hawk personnel with a 67 MOS will be awarded the 67T, UH-60A crewchief, MOS upon successful completion. The maintenance course is currently the only one in the Army and is taught exclusively by Black Hawk personnel.

CH-47 RAM/LOG DATA COLLECTION BRANCH

ACCOMPLISHMENTS:

The CH-47 RAM/Log Data Collection Branch was established in January 1978 with the responsibility of collecting RAM/Log data on the CH-47C helicopter. The mission is to establish a RAM/Log data baseline on the CH-47C helicopter so that it can be compared at a later date with a baseline to be established for the CH-47D model.

Actual data collection began in April 1978, after both classroom and on-the-job training was provided for data collectors.

The initial data collection effort is centered around two CH-47C helicopters, which are scheduled to fly nine hours each day for two years. Since the RAM/Log data collectors acquire information anytime there is activity taking place on the helicopter, the branch is manned 20 hours each day, seven days a week. Two CH-47 helicopters will be entered into the effort by the CH-47 Modernization Project Manager when they become available.

PLANS AND METHODOLOGY DIVISION

ADVANCED MEDTHODLOGY AND INSTRUMENTATION BRANCH

ACCOMPLISHMENTS:

The major instrumentation planning effort during 1978 was the FY 79-84 Instrumentation Development and Acquisition Plan. Additional work consisted of participating in test planning and development of test instrumentation requirements.

FY 78 instrumentation acquisition effort involved the expenditure of $530,000 for the purchase of new equipment.

The methodology program for 1978 continued the Test Operations Procedues (TOPs) development with the complete revision of the following TOPs:

Personnel Training, 7-3-509
Compatibility, Related Equipment (Aviation Materiel), 7-3-509
Aircraft Defogging and Defrosting (Transparent Areas), 7-3-522
Internal/External Lighting (Aviation Materiel), 7-3-527

Extensive effort has been devoted to the development of test methodology in support of tests, particularly in the Human Factors Engineering (HFE) area, one of the more involved being the HFE subtests for the Advanced Attack Helicopter (AAH) Engineering Design Test (EDT-3) and Prototype Qualification/System Evaluation Test (PQT/SE) scheduled to begin in the second quarter of 1979 and first quarter of 1980, respectively. In support of these HFE subtests, a very sophisticated instrumentation package is under development. In addition, HFE subtests have been written in support of the PQG test of the XM-29 Mask, Hood Test, UH-60A (Black Hawk) Helicopter RAM/Durability Test, and PI test of the SPH-4 F/Cobra, Aviator Helmet. An HFE subtest has been extended to each developmental test conducted by USAADTA.

Test methodology and test implementation were provided in support of an icing subtest of the PQC AH-1 vibration survey of the lightweight 2.75 rocket launcher. Methodology was devised and a subtest written to determine serviceability criteria for the Vulnerability-Reduced Directional Control System of the OH-58C helicopter. Methodology assistance and review were given to all tests conducted by USAADTA during 1978.

A new procedure, Instructional Material Adequacy Guide and Evaluation Standard (IMAGES), was effected at USAADTA for evaluating technical manuals, including operational and maintenance support, which are an integral part of each maintenance support package.

PLANS AND PROGRAMS BRANCH

ACCOMPLISHMENTS:

The Activity averaged 84 projects in the planning, testing, and reporting phases during FY 78. Sixty-one new projects were initiated. Sixty-two projects were retired to historical files, 12 being terminated and 50 completed.

Testing was accomplished at Edwards Air Force Base, CA; Mohave Desert, CA; Yuma Proving Ground, AZ; White Sands Missile Range, NM; Fort Bliss, TX; Eglin AFB, FL; Fort Drum, NY; and Fort Rucker, AL.

Six thousand, six hundred and twenty-one flight hours were flown in accomplishment of the test programs.

Major Aircraft Systems:

During this past year USAADTA assumed responsibility for developing the plan of test for Engineering Development Test (Phase III) EDT-3 of the Advanced Attack Helicopter. Testing is currently scheduled to begin in 1979.

In April 1978, USAADTA began a RAM data collection effort on two CH-47C helicopters. Baseline data collected from the two CH-47 aircraft will be used as a basis for comparison of RAM requirements on the CH-47D modernized Chinook during 1979-1981.

Aircraft Engine:

The T55-L712 engine, a product improvement of the T55-L11 ASA and 11D engines, began RAM growth testing at USAADTA in August 1978. The current program requires 2,400 flight hours on each of two engines over the next 24 months.

A second objective of the test is to establish a Time Between Overhauls (TBO) of 2,400 hours and early diagnostic problems that might affect the CH-47D program.

Aircraft Survivability Equipment:

Aircraft Survivability Equipment programs consisted of the following:

PQT-G testing of the APR-39(V)1 radar warning receiver
PQT-G testing of the ALQ-136 radar jammer
PQT-G testing of the ALQ-144 IR jammer
PQT-G testing of the XM-130 multi-purpose dispenser
PQT-G testing of the U-21 IR suppressor
PQT-G testing of the OV-1D IR suppressor
PQT-G testing of the AH-1S hot metal plus plume suppressor
PQT-G testing of the OH-58 IR suppressor

HEADQUARTERS COMPANY

ACCOMPLISHMENTS:

Headquarters Company's enlisted soldiers are now permanently billeted in a modular type building.

The Headquarters Company orderly room is operating from permanent facilities located at Cairns Army Airfield.

US ARMY SAFETY CENTER

MISSION:

Within the scope and responsibilities of the Army Safety Program as established in AR 385-10, determines ways and means to assist commanders at all echelons in the conservation of manpower and materiel resources in order to enhance the combat effectiveness of the US Army. The Commander, US Army Safety Center, is the US Army Aviation Safety Officer and the principal US Army representative on the NATO Flight Safety Working Party.

ORGANIZATION:

On 24 December 1978, Department of the Army responsibility for the overall policies of the Army Safety Program was transferred from The Inspector General to the Deputy Chief of Staff for Personnel (DCSPER). Coincidental to that change, the name of the US Army Agency for Aviation Safety was changed to the US Army Safety Center (USASC). The mission and principal functions of the US Army Safety Center, a field operating agency of the DCSPER, are contained in AR 10-29. The Director, Human Resources Development, DCSPER, is responsible for supervision of the Army Safety Program. Program administration is delegated to the Director of Army Safety who exercises staff supervision over USASC. The Commander, USASC, is responsible for implementation of Army Safety Program activities.

The USASC is organized under Table of Distribution and Allowances, Number SFWOJ7AA. Authorized strength is 162 military and civilian personnel including 37 officers, eight warrant officers, 17 enlisted, and 100 Civil Service employees. In addition to the above, two Reserve Component advisors (one Army National Guard and one US Army Reserve) are attached. The Directorate for Education, Evaluation and General Safety was formed in November 1978 from existing resources within the US Army Agency for Aviation Safety (USAAAVS). The Directorate for Plans, Operations and Education and the General Safety Division were combined to better facilitate the education, evaluation, and management of these independent functions. Overall accomplishments have been in the administration, management, organization, and future planning of the functions and tasks of these two areas.

The Safety Center is organized internally as follows:

Office of the Commander

Directorate for Education, Evaluation and General Safety
Directorate for Aviation Systems Management
Directorate for Investigation, Analysis and Research

The Administrative Division
The Communication Arts Division
The Management Information Systems Division

PERSONNEL:

COL Edward E. Waldron, II, assumed command of the Army Safety Center on 25 September 1978.

COL William M. Johnson has been Deputy Commander since November 1978.

Principal military staff members are:

LTC Thomas J. Warr, Executive Officer
COL Raydean H. Patterson, Director of the Education, Evaluation and General Safety Directorate
COL James T. Darrah, Jr., Director of the Aviation Systems Management Directorate
COL Joel J. Mikuta, Director of the Investigation, Analysis and Research Directorate

Civilian members of the commander's staff are:

Mr. Harold M. Myers, Chief of the Management Information Systems Division
Mr. William E. Carter, Chief of the Communication Arts Division

ACCOMPLISHMENTS:

TRAINING:

Programs of Instruction. During FY 78 the following courses were conducted:

Aviation Safety Officer Course (ASOC) - 123 graduates. An eight-week Additional Skill Identifier (ASI) course which provides education and training techniques for conducting an effective aircraft accident prevention program and aircraft accident investigation. Four ASOCs were taught in 1978.

Aviation Accident Prevention Course (AAPC). A two-week, resident, non-ASI producing course for officers/civilians to familiarize them with the techniques of establishing and conducting aircraft accident prevention programs and aircraft accident investigations. Also presented as a one-week course onsite at various locations worldwide. Graduates for both resident (three courses) and onsite (seven courses) totaled 364 for 1978.

Aviation Accident Prevention Management Course (AAPMC). A two-week ASI producing course for NCOs (ASI, A2) and civilians for the purpose stated in above courses. This course was also presented in a one-week onsite form. During 1978, four courses were conducted in residence and eight courses onsite, yielding a total of 378 graduates.

Army Safety Program Management Course. A two-week resident course for civilian/officer safety personnel to enable them to manage or participate in division, installation, or higher level accident prevention programs. This course was presented one time in 1978 with 34 graduates.

OSHA Compliance Management Course. A one-week resident course for civilian/military personnel to enable them to manage OSHA compliance management activities at division, installation, or higher levels within the scope of the Army Safety Program. This course was presented one time in 1978 with 35 graduates.

Special Educational Presentations. Safety instruction was conducted for Active/Reserve Component Units/personnel at various installations and geographical locations. Instruction was also conducted in support of the following courses conducted in-house by other DA schools/activities: Aviation Commanders' Readiness Course, Aviation Warrant Officer Advanced Course, Initial Entry Rotary Wing Course, the Flight Surgeon's Course, and the Army Safety Manager's Seminar. Attendees at these courses totaled 4,939.

Summary.

Total students: 5,873.

Other service students: US Coast Guard, three; US Customs Service, two.

International Students: Iran, one; Turkey, two; Denmark, one; Israel, one; and Canada, one.

Non-CONUS areas visited: Germany; Panama; and Hawaii.

Educational Credit Evaluation. The Office on Educational Credit and Credentials, American Council on Education, granted various semester hour credits for resident courses conducted by the US Army Safety Center. Breakdown of credits by course and educational level is as follows:

Army Safety Program Management, 7K-F9, two weeks, August 1977
Upper-division Baccalaureate: two semester hours in industrial safety management.

US Army Aviation Safety Officer, 7K-F12, 8-10 weeks, March 1977
Upper-division Baccalaureate: four semester hours in aviation safety.
Graduate: three semester hours in aviation accident investigation.

Aviation Mishap Prevention Management (Aviation Accident Prevention Management), 7K-F13, two weeks, August 1977
Lower-division Baccalaureate/Associate Degree: two semester hours in aviation safety and accident investigation.

Aviation Mishap Presention (Aviation Accident Prevention), 7K-F14, two weeks, April 1977
Lower-division Baccalaureate/Associate Degree: one semester hour in aviation safety and accident investigation.

Aviation Mishap Prevention Surveys. During 1978, students in the ASO course conducted mishap prevention surveys at five installations. The purpose of the surveys was to provide ASO students a realistic environment for the application of accident prevention principles learned in the classroom; to provide onsite commanders with mishap prevention feedback for use at their discretion; and to provide the US Army Safety Center with an evaluation tool for measuring accomplishment of course objectives.

Aviation Safety Assistance Visits and Evaluations (ASAVEs). With the introduction of the Centralized Accident Investigation (CAI) concept in April, ASAVEs assets were redirected to support CAI until such time as both requirements could be managed. Providing an almost "on call" assistance capability for commanders worldwide, ASAVEs assistance teams traveled to Fort Ord, CA, in 1978 prior to the reorganization. The program proved successful to the point that plans are near completion for its reintroduction early next year.

New Directions in Safety Education. At the invitation of TRADOC, EED instructors provided onsite safety instruction to members of the Field Artillery Advanced Course at Fort Sill, OK. This represented a first in this area with subsequent expansion expected.

AVIATION:

Centralized Accident Investigation. On 1 April 1978, USAAAVS was tasked with performing the investigation of all major and selected minor aircraft accidents worldwide. The program, known as Centralized Accident Investigation (CAI), will continue on a trial basis until an adequate determination can be made concerning its benefits and continued feasibility. The program was initiated in an attempt to secure more timely and complete accident data to enhance the analysis effort directed at eliminating inadequacies in the Army aviation system. During the period 1 April - 31 December 1978, 40 accidents were investigated, seven of which were OCONUS.

Analysis of FY 77 Army Aircraft Accidents. A report of the Analysis FY 77 (7T through third quarter FY 77) Army Aircraft Accidents was delivered to ODCSOPS and MACOMs for action. The report included analysis made of materiel failure/malfunction and human error as a cause factor. The report of 89 accidents identified 162 inadequacies in the aviation system that caused the accidents and recommended actions to remedy these inadequacies.

Computer Analysis of Materiel Malfunctions. A statistical review of materiel related mishaps that occurred during the period of January 1971 through June 1978 was conducted for the OH-58, UH-1, AH-1, and CH-47. The purpose of the reviews was to identify in hierarchal form the systems, subsystems, and components whose malfunctions caused the mishap. For each level, the number, percent, and rate of failure/malfunction were given.

Forced and Precautionary Landing Cost Survey. A six-month survey was initiated in March 1978 for the purpose of gathering information that could be used to quantify the cost of these mishaps and justify needed improvements in the components that caused the mishaps. Five hundred and twenty-one responses were received. Analysis of the responses will be reported early in 1979.

Accident Information Retrieval System (AIRS). Phase III development of AIRS hardware for brassboard and flight testing was initiated. Technical coordination meetings at DCSRDA indicated the need for an accelerated development program for AIRS to interface with early production in Black Hawk implementation. A draft Letter of Agreement for AIRS was approved by the Commander, USAAVNC, for Armywide staffing by TRADOC.

Engineering Analysis of Crash Injury. USAAAVS initiated a comprehensive analysis of crashworthiness deficiencies in Army aircraft. The objective of this study was the identification and prioritization of the major engineering causes of preventable crash injuries. Analysis of the AH-1 and CH-47 aircraft was completed during 1978. Reports of these analyses have been transmitted to the Deputy Chief of Staff for Research Development and Acquisition for action on the recommendations.

System Safety. USAAAVS participated closely with the aircraft manufacturer and project manager in the development process for the YAH-64 Advanced Attack Helicopter, the CH-47D modernized Chinook, and the UH-60A Black Hawk to insure that the appropriate military requirements for system safety were adequately implemented. In addition, USAAAVS established initial coordination with the Advanced Scout Helicopter (ASH) Special Study Group to insure system safety requirements would be adequately addressed in the ASH system requirements. In coordination with the Navy and Air Force Safety Centers, USAAAVS developed DOD-level guidance for system safety. This effort resulted in the publication of DODI 5000.36, "System Safety Engineering and Management," which emphasized the DOD policy for system safety in the system acquisition process.

Inflight Escape System Analysis. An analysis was made of the desirability of inflight escape systems for attack helicopters. Although the benefits of inflight escape in accident situations were determined to be less than previous opinion held, it was considered that its potential usage under accident as well as combat situations warrants continued research funding. It was recommended that a similar study be performed of the benefits in the combat environment.

Reports Published by Engineering.

USAAAVS TR 78-1, The Economic Benefits of Inflight Escape Systems in Current and Future Attack Helicopters, March 1978.

USAAAVS TR 78-3, Engineering Analysis of Crash Injury in Army AH-1 Aircraft, March 1978.

USAAAVS TR 78-4, Engineering Analysis of Crash Injury in Army CH-47 Aircraft, June 1978.

Engineering Analysis of Crash Injury in Army Aircraft, Technical Presentation to AGARD Aerospace Specialists' Medical Panel, May 1978.

Assessment of the Benefits of Aircraft Crashworthiness, Technical Analysis of the Economic Benefits of Utility Helicopter Safety Design Features, Technical Presentation to the 1978 Annual Reliability and Maintainability Symposium, January 1978.

System Safety Newsletter, three quarterly issues.

US Army Troop Support and Aviation Materiel Readiness Command (TSARCOM)/USAAAVS Memorandum of Agreement (MOA). The interrelationship between TSARCOM and USAAAVS was formalized by an MOA signed 2 October 1978. The purpose of the agreement is to facilitate the identification, prioritization, and solution of materiel problems involving aircraft safety. Key elements of the agreement are exchange of usage, malfunction and mishap data, participation of the appropriate USAAAVS System Manager in the TSARCOM Readiness Project Officer (RPO) Team functions, and participation of the USAAAVS Director of Systems Management in the TSARCOM Aircraft System Safety of Flight Review Committee (TASSFRC).

Aviation Hazard Reduction. The Aircraft Systems Management Division continued to identify system hazards and take action to reduce or eliminate them through coordination with responsible organizations. Action has been taken on incorporating all sources of mishap

experience and analysis to identify hazards and place them in perspective. CAMP data has been reformated to separate materiel failures from maintenance induced failures. Periodic reviews on each aircraft system have been initiated to exchange information between all elements of the Agency concerning the status of hazard analyses and corrective actions relating to that system. The System Manager has been established as the interface between the Agency and outside activities on all matters concerning the specific system. He also has been given responsibility of the accuracy of mishap data being inserted into the data base.

Joint Training Exercise Participation. Chief of Staff Memorandum 76-95-66, 30 December 1976, directed that USAAAVS (1) participate in all major training exercises wherein aviation assets are extensively employed and (2) participate in all operational tests of new aircraft and simulators. The Worldwide Standardization Policy Board Conference conducted in November 1978 approved continued participation in major training exercises and operational testing and directed this requirement be included in AR 10-29 (Organization and Functions, US Army Safety Center). These requirements have been expanded to include general safety in major training exercises and selected aviation related items for operational testing.

Major Training Exercise Participation. Representatives from the US Army Safety Center (formerly USAAAVS) have participated in the following exercises:

REFORGER 77, September 1977, Germany
BOLD EAGLE 78, October 1977, Eglin AFB, FL
BRAVE SHIELD XVII, April 1978, Fort Irwin, CA
REFORGER 78, September 1978, Germany
GALLANT EAGLE 78, November 1978, Eglin AFB, FL

Exercises scheduled for future participation include:

REFORGER 79, January 1979, Germany
BRAVE SHIELD XVIX, April 1979, Fort Hood, TX

Information and lessons learned developed through active participation in these exercises are being used for safety planning in future exercises and in support of the total accident prevention effort.

Operational Testing Participation. Representatives from the US Army Safety Center have been involved in test activities either through review of tests, plans, reports, or physical observation/participation in the tests for such items as the AAH, AH-1 Simulator, UTTAS, CH-47 Flight Simulator, CH-47D, Cleaning and De-icing System, Portable Landing Light System, Improved Night Vision Goggles, XM-29 Protective Mask, OH-58C IOC-FDTE, AH-1 Weapons Subsystems, and Air Traffic Control Tower (AN/TSW-7A). Future participation will include UH-60A IOC-FDTE, Nicad Battery Charging Shop Set, High Performance Utility Hoist, and AH-1 Fire Control System.

Joint Services Aviation Safety Conference (JSASC). USAAAVS represented the US Army at the seventeenth Joint Services Aviation Safety Conference (JSASC) hosted by the US Navy at Norfolk, VA, August 1978.

NATO Flight Safety Working Party Meeting. The US Army was represented by USAAAVS at the sixteenth meeting of the NATO Flight Safety Working Party (FSWP) held in Ottawa, Canada, in June 1978. Military and civilian aviation safety specialists from all NATO member countries attended. Hosting responsibility rotates among the members and is on a volunteer basis.

AEROMEDICAL:

Pathologist Participation in Fatal Aircraft Accident Investigations. In order to improve the Safety Center's capability to conduct indepth human factor analysis, a means to gather human factor information during onsite investigations is needed. Because of lengthy

coordination efforts of the Safety Center, the Armed Forces Institute of Pathology, since October 1978, is providing this onsite flight surgeon and pathologist expertise.

Flight Surgeon Activities. The Flight Surgeon presented a paper entitled, "Medical Aspects of Helicopter Patient Evacuation" at the NATO Advisory Group for Aerospace Research and Development session held at Fort Rucker in May 1978. He also served as Chairman of the Aircraft Accident and Flight Safety session at the annual meeting of the Aerospace Medical Association in New Orleans during May 1978. The Flight Surgeon continued to provide family practice services to all beneficiaries, over 100 per month, at the Safety Center in addition to implementing a cardiovascular disease screening program for Safety Center personnel.

GENERAL SAFETY:

Participation in Special Inspection of the Army Safety Program. The Safety Center provided three of six personnel for the team carrying out a Vice Chief of Staff Special Inspection of the Army Safety Program. The inspection report was approved by the Vice Chief of Staff in June 1978.

Developed Army Safety Policy. The Safety Center developed a completely new draft of AR 385-10, The Army Safety Program. This new regulation incorporated new missions, procedures, and policy guidance and will serve as the Army implementation of OSHA requirements.

Developed Army Safety Objectives. The Safety Center studied objectives and alternatives, and recommended the final program of objectives for Armywide coordination and DA approval. The Safety Center developed support material for three of the four finally designated objectives.

Developed a Model Reporting System. The Safety Center developed and completed all arrangements necessary to test the program at several locations in the Army.

Developed and Activated a Safety Management Assistance System (SMAS). This system consists of staff actions, promotional materials, and other actions collected from field elements. These materials will be made available to other field safety offices.

Tested Application of the 3W Analysis Procedure to General Accidents and Proved the Feasibility of the Procedure. Integrated evaluation of the 3W analysis procedure in the test of the reporting model.

Completed Two Semiannual Reviews of Accident Experience. These reviews were presented in video tape format to senior officers on the DA Staff. The reviews highlighted problems and generated increased concern for improvements in general safety.

Conducted Special Seminars. Conducted one special one-week seminar for CONUS safety managers at Fort Rucker in September 1978 and another for Far East safety managers in Korea in November 1978. These seminars achieved their goal of transmitting results of the Worldwide Safety Conference and soliciting field input to the policy-making process.

Developed a Model Installation Program. Developed and completed arrangements to test at three installations a model installation safety program intended to strengthen prioritization and coordination of preventive effort at installation level.

Completed Development of OSHA Baseline Items. The Safety Center completed development of OSHA baseline items and arranged field testing in the context of the model installation program test. These items will support uniform, economical Armywide compliance with OSHA safety training requirements.

Conducted a Second Drowning Prevention Program. This program, which included a new movie, promotional material, and guidance, produced significant reductions in drownings associated with the "Cold Water Syndrome."

Reviewed Army Safety Films. Completed a 100 percent review of approximately 180 Army safety films and eliminated obsolete films. Developed a production/procurement plan for overall management of Army film resources.

Army Safety Directors' Conference. The Safety Center hosted the conference for the Department of the Army Inspector General on 21-24 August 1978. In the conference, taskings were developed to support the 1979 general safety objectives.

MANAGEMENT INFORMATION SYSTEMS:

On-Line Query Access to Aviation Mishap Narratives. Teleprocessing modules which permit remote retrieval and display of mishap system narratives were developed and implemented. This facility permits the user to select mishaps by case, mishap classification, type aircraft, or time period, and then to display any of the various categories of narratives.

Aviation Mishap Statistical Data. A historical file of aviation mishap statistics was developed, which contains much of the more frequently needed quantitative data. The data is arranged by time period, major command, installation, and type aircraft. This data has also been made accessible through the remote (TP) query terminals.

Computer Analysis of Materiel Problems (CAMP). An innovative statistical procedure, developed in 1977, to provide computer analysis of materiel problems was refined and set into production during 1978. The CAMP is a mathematical model used as a management tool to identify significant and potential materiel problems for subsequent analysis/action. It produces related graphical and computerized analyses in support of various materiel research, reports, and decision making.

Table Processing Language (TPL). A computer software system designed to select, restructure, cross-tabulate, and display statistical data in a wide variety of formats was acquired from the US Department of Labor and was implemented during 1978. The TPL system provides great flexibility in the display of columinous statistical data.

Army Safety Computer. Justification and specifications for a dedicated large scale computer to support the Army Safety Program were submitted for approval to HQDA. DA approval is anticipated during early 1979.

Minicomputer. Procurement of a desktop minicomputer was accomplished to provide (1) a responsive reiterative computer capability for safety research analysts and (2) a graphical plotting capability. Installation is scheduled for January 1979.

Reports.

The number of recurring safety reports (daily, weekly, monthly, etc.), which are being produced and provided to 57 DOD and civilian customers worldwide, increased from 99 in early 1978 to 111 at the beginning of 1979. This represents a 12 percent increase in recurring output, in addition to the 832 individual requests for nonrecurring reports which were processed during the year.

The US Army Safety Center processed and coded 20,859 input ground accident reports (DA Form 285) and 3,502 Preliminary Reports of Aircraft Mishap (PRAM). The Safety Center also received, processed, and coded 340 DA Form 2397 reports and 205 teardown analysis reports. Also, approximately 2,600 Accident Exposure Documents (DA Form 2398) were received and processed.

COMMUNICATIONS:

Films. The following training films were developed and produced in 1978 by the Army Safety Center:

TF 20-6040 "Drowning--The Cold Facts"--Increases awareness of dangers concerning swimming and/or use of alcohol when cold water is to be entered.

TF 20-6109 "Poor Maggie"--Five TV spots as companions to above TF 20-6040.

TF 46-6042 "Recipe for an Accident"--Recreates an actual aircraft accident to increase awareness of the importance of preflight inspections, command supervision, and the ever present danger of hasty actions.

TF 46-6118 "Just Before the Thunder"--Recreates an actual aircraft accident where poor judgment and IFR flight conditions lead to a disastrous crash.

"No One Can Protect You From Accidents Like You Can"--Fourteen TV spots package produced for AFN concerning general safety.

"Inside The Army Safety Center"--Briefing film outlining mission and functions of The Army Safety Center.

TF 20-6043 "Lessons Learned--Alcohol"--General safety film dealing with drinking and driving.

TF 20-6044 "Lessons Learned--Fatigue"--General safety film dealing with automobile operation when tired and sleepy.

TF 20-6045 "Lessons Learned--Seatbelts"--General safety film increasing awareness of importance of seatbelts.

Publications. Significant publications published by The Safety Center during 1978:

FLIGHTFAX (49 weekly issues)

SYSTEM SAFETY NEWSLETTER (three quarterly issues)

SHARE (three issues)

US ARMY AVIATION DIGEST (accident prevention material in each 12 issues)

Guide to Aviation Resources Management for Aircraft Mishap Prevention

Commanders' Aviation Mishap Prevention Plan

Safety Talks for ASOs

Foreign Object Damage Causes and Prevention

TR 78-1 Economic Benefits of In-Flight Escape System in Current and Future Attack Helicopters

TR 78-2 Antitorque Training Evaluation of Effectiveness in Reducing Mishap Losses

Army General Safety Training Film Catalog

Worldwide Safety Campaign

Posters, pamphlets, and folders distributed for a water safety campaign (Cold Water II)

AWARDS:

Awards Program. USAAAVS manages and has overall responsibility for the Department of the Army Aviation Accident Prevention Award Program outlined in AR 385-10. This program consists of processing and issuing Department of the Army Awards of Merit, Honor, Excellence, and the Broken Wing Aviation Safety Award to qualified recipients. Awards issued from 1 January 1978 to 31 December 1978 were as follows:

Merit - 300

Honor - 87

Excellence - 47

Broken Wing - 100

US ARMY AEROMEDICAL CENTER

MISSION:

Provides health services to authorized personnel within the Lyster health service area, including: inpatient and outpatient medical and dental care, and treatment to active duty and retired military personnel, their dependents, and other personnel as authorized by the Department of the Army; veterinary food inspection, animal care, and zoonotic control, and preventive medicine services.

Advises appropriate staff elements of the Department of the Army and US Army Health Services Command (HSC) on all aspects of aeromedical education, physical fitness standards, and safety pertaining to Army aviation personnel. Monitors Phase I and Phase II and supervises Phase III of the Army Aerospace Medicine Residency Training Program under the direction of the US Army Health Service in accordance with AR 40-501 and AR 600-108. Operates the Army Aeromedical Education Program in coordination with the Academy of Health Sciences, USAHSC. Plans, prepares, and reviews Army aeromedical literature for the USAAVNC and other proponents. Provides representation to all aviation oriented administration boards.

ORGANIZATION:

The organizational structure is in accordance with Health Services Command Regulation 10-1 with approved deviations. The US Army Aeromedical Center Regulation 10-1 with current changes reflects detailed information.

PERSONNEL:

COL Daniel T. Sanders, M.D., Medical Corps, Commander, US Army Aeromedical Center and Director of Health Services on the Commanding General's staff.

COL William A. Campbell, Medical Service Corps, Chief of Staff (1 Jan 78 - 12 Jun 78).

LTC Donald L. Naylor, Medical Service Corps, Chief of Staff (5 Jul 78 - Present).

COL Frank A. Pettyjohn, M.D., Medical Corps, Chief, Professional Services.

COL Edward F. Cole, M.D., Medical Corps, Commander, Aeromedical Activity.

MAJ David M. Oatway, Army Nurse Corps, Chief, Preventive Medicine Activity.

MAJ Robert V. Taylor, Veterinary Corps, Chief, Veterinary Activity.

US ARMY AEROMEDICAL ACTIVITY

PERSONNEL:

COL Edward F. Cole, M.D., Medical Corps, Commander.

ACCOMPLISHMENTS:

Three classes were graduated from the Army Aviation Medicine Basic Course 6A-61N on the dates indicated.

17 Mar 78 - 10 graduates
27 Sep 78 - 45 graduates
30 Nov 78 - 15 graduates

US Army Aeromedical Center presented four special weekend classes of aviation medicine subjects in support of US Army Reserve training.

Training in aviation medicine subjects was presented to 25 classes of Initial Rotary Wing classes with approximately 50 students in each class.

Buildings 6801 and 6802 were renovated for use by Aviation Medicine Clinic and Physical Examination Section. They were occupied on 2 Nov 78 with a ribbon cutting ceremony.

A new altitude chamber was installed—the only altitude chamber in the US Army. This new chamber will result in a 6-year savings of $34,000. During 1978 1,468 aviator students were trained in the altitude chamber.

US LYSTER ARMY HOSPITAL

PERSONNEL:

COL Daniel T. Sanders, M.D., Medical Corps, Commander.

COL William A. Campbell, Medical Service Corps, Executive Officer (1 Jan 78 - 12 Jun 78).

LTC Donald L. Naylor, Medical Service Corps, Executive Officer (5 Jul 78 - Present).

COL Frank A. Pettyjohn, M.D., Medical Corps, Chief, Professional Services.

LTC Barbara A. Sullivan, Army Nurse Corps, Chief, Department of Nursing.

ACCOMPLISHMENTS:

During the summer of 1978 Lyster Army Hospital experienced a physician shortage in the following specialties: Orthopedics, podiatry, dermatology, and neurosurgery. To compensate, the US Army Aeromedical Center flew specialists in from other medical centers to treat a total of 198 patients. This program is ongoing and receives full support of the installation commander.

Two civilian physicians were hired, one each for the Emergency Room and Pediatric Clinic. This was the first time civilian physicians have been employed at this hospital.

Radiology services were provided through a contract necessitated by nonreplacement of a military radiologist.

Realignment of 22 Department of Nursing authorizations (6 military and 16 civilian) was caused by closure of obstetrical services on 1 Jun 78.

An increasing number of short course 91Cs were assigned. The short course 91C cannot perform such duties as team leader on the Medical/Surgical Ward and shift leader in the Emergency Room. The overall impact of converting long course 91C positions to short course 91C positions will have a detrimental effect in the quality of patient care rendered.

An Emergency Medical Technician (EMT) course was initiated through George Wallace Community College. A total of 21 students were trained and certified by the State of Alabama.

An SQT training program was conducted in three 90-day cycles. Each cycle consisted of 408 training hours and 6 hours of testing. There were 56 personnel from the 427th Ambulance Company (FORSCOM Unit) and 15 personnel from Lyster Army Hospital who completed the program. The following training was also accomplished:

12 students completed the Phase II 91C primary technical course
309 Reservists were trained in support of six Reserve units
42 Department of Nursing personnel completed the American Heart Association's Basic Life Support CPR Course

After the loss of three OB-Gyn physicians in June and July 1978, OB service was closed, forcing all active duty obstetrical patients to be referred to Supplemental Care and all other patients to CHAMPUS. This action resulted in a definite hardship for many patients. The Community Health Nurse assisted these patients in obtaining civilian OB services and loans from the Red Cross for those needing financial assistance until CHAMPUS reimbursements were received.

The Air Ambulance Branch (FLATIRON) flew 110 MEDEVAC missions totaling 258.6 hours, transporting 58 military, 27 dependents, and 9 civilians. In support of the Military Assistance to Safety and Traffic (MAST), FLATIRON flew 81 missions totaling 266.4 hours and carried a total of 86 patients.

The system of regionalization of health services is utilized as often as possible. Keesler AFB, Mississippi, within Lyster Army Hospital's treatment facility Department of Defense region, is the primary non-Army medical treatment facility used. Frequent transfer of patients to Dwight D. Eisenhower Army Medical Center is accomplished whenever the facilities at Keesler AFB are filled or unavailable. The U-21 aircraft, organic to the USAAVNC, are utilized for this purpose when available.

A requirement for an Intensive Care Unit/Coronary Care Unit (ICU/CCU) was recognized and construction has been approved for FY 79 at a cost of $100,000.

Total patients treated during calendar year 1978 by Lyster Army Hospital is as follows: Inpatients - 2593; Outpatients - 178,721.

PREVENTIVE MEDICINE ACTIVITY

PERSONNEL:

MAJ David M. Oatway assumed the duties of Chief, Preventive Medicine Activity on 26 July 1978 replacing CPT Sandra M. Montgomery.

ACCOMPLISHMENTS:

A civilian Occupational Health Nurse was hired. Efforts to establish a comprehensive Occupational Health Program for Fort Rucker were initiated.

The Influenza Program was conducted with 86% of all military personnel at Fort Rucker immunized against influenza.

Environmental impact statements for all Army Reserve units in the Fort Rucker support area were reviewed by the Environmental Science Officer. Eleven units were contacted.

The Child Protective Case Management Team was established in accordance with AR 608-1.

Preventive Medicine Activity's Water Quality Laboratory met Alabama State Health Department certification requirements for conducting total coliform bacteriological testing on drinking water on 24 Aug 78. The laboratory was certified for three years.

VETERINARY ACTIVITY

PERSONNEL:

MAJ Robert V. Taylor, Veterinary Corps, Chief, Veterinary Activity.

ACCOMPLISHMENTS:

In the fall of 1978 southeast Alabama was declared an epidemic area for rabies, including the two-county area surrounding Fort Rucker. In cooperation with the Alabama State Health Department, the Veterinary Activity added special hours to remain abreast of the increased demand for rabies vaccinations.

US ARMY AEROMEDICAL RESEARCH LABORATORY

MISSION:

Preserves and enhances the health, safety, combat effectiveness, and survivability of the soldier through research, development, test, and evaluation on the life sciences aspects of military ground and air operations, training, doctrine, tactics, and materiel through its life cycle. Develops, maintains, and applies a broad technology base, including methodology, data, models, and design criteria to assess and minimize hazards, maximize individual and unit performance, and determine tolerance limits. Provides primary research capability and consultation for the Surgeon General's office to developer and user communities in the areas of physical and physiologic optics, life support equipment, human factors, acoustics, and audition, human performance, biomechanics, vibration/impact physiology, aviation medicine and physiology, and applied psychology.

ORGANIZATION:

The organization structure was changed in October 1978. A major change included the reduction of the number of research divisions from five to two. The chart on page 189 depicts the previous organizational structure, and on page 190 is a diagram of the new organizational structure.

PERSONNEL:

At the end of the reporting period, USAARL was authorized 129 professional, technical, and administrative personnel. This represents an increase of seven personnel over the entire report period. The additional authorizations were two commissioned officer and five civilian positions.

The following personnel occupied key positions during the reporting period (1 January - 30 September 1978) under the seven division organizational structure :

Headquarters

COL Stanley C. Knapp, MC, Commander, 1 January - 30 September 1978.

LTC Regginial R. Barden, MSC, Executive Officer, 1 January - 30 September 1978.

CPT Raymond T. Burden, Jr., MSC, Adjutant/Troop Commander, 1 January - 30 September 1978.

Administrative Services Division

MAJ Pierre Allenmond, MSC, Director, 1 January - 24 March 1978.

Mrs. Louise Kimbrough, Acting Director, 25 March - July 1978.

MAJ Webster L. Langhorne, MSC, Director, July - 30 September 1978.

Aviation Medicine Research Division

MAJ Joseph C. Denniston, VC, Acting Director, 1 January - May 1978.

Aviation Psychology Division

Dr. Kent A. Kimball, Ph.D., Director, 1 January - 30 September 1978.

Bioengineering and Life Support Equipment Division

Mr. Joseph L. Haley, Acting Director, 1 January - 30 September 1978.

Bio-Optics Division

MAJ Roger W. Wiley, MSC, Director, 1 January - 30 September 1978.

Bioacoustics Division

Mr. Robert T. Camp, Jr., Director, 1 January - 30 September 1978.

Technical and Logistical Services Division

Mr. Charles D. Williams, Director, 1 January - 30 September 1978.

The following personnel occupied key positions under the new organizational structure implemented 1 October 1978 through the end of the reporting period:

Headquarters

The commander, executive officer, and adjutant positions remained the same as under the previous seven division organizational structure.

Comptroller

Mrs. Louise Kimbrough, Chief, 1 October 1978 - end of reporting period.

Detachment Commander

CPT Raymond T. Burden, Jr., MSC, 1 October 1978 - end of reporting period.

Human Tolerance and Survivability Division

MAJ Roger W. Wiley, MSC, Director, 1 October 1978 - end of reporting period.

Field Research and Biomedical Applications Division

Dr. Kent A. Kimball, Director, 1 October 1978 - end of reporting period.

Research Systems Division

MAJ Webster L. Langhorne, MSC, Director, 1 October 1978 - end of reporting period.

Technical and Logistical Services Division

Mr. Charles D. Williams, Director, 1 October 1978 - end of reporting period.

ACCOMPLISHMENTS:

Training

USAARL maintained an active unit training program during the reporting period. All military personnel participated in weekly training activities and classes. DAC personnel also participated in unit training when appropriate.

Materiel

Major items of equipment procured during this period were as follows:

Tektronix Graphics Display Terminal
Colburn Modular Lab Instrument System
IAC Sound Room 1200A
SEL Core Memory MDL 8530
Gamma Auto-Telephotometer MDL 2009K ER

Quantex Tape Drive w/Formatter
Catecholamaine Analyzer MDL LC-40CA
Acuity Autolensmeter w/Printer MDL RL-PRT
B&K Instruments Band Pass Filter 1618A
Nicolet Adapter Digital Plotting MDL 163A
Nicolet Spectrum Analyzer Dual Channel MDL 660
TEAC Airborne Videocassette Recorder VL000AB-N
Metraplex MDL 381 Housing Wired for 10 Slots and Tape Speed Compensation
Systron-Donner Time Code Generator/Reader MDL 8152
B&K Graphic Level Recorder Type 2307
Leeco Nagra SJ Tape Recorder MDL IV-SJ
Densitometer, MDL 13005210 MacBeth
Pacific Scientific Inertia Reel Tester
Nicolet Data Recorder MDL 660
Camera Linhof Technorama w/Access
IAC Sound Room MDL 1202A
Microfilm Reader Printer MDL 500

Construction

During 1978 all plans for construction for the new research facility were approved and the contract was awarded 28 April 1978. Ground-breaking ceremonies took place on 2 May 1978. The following is a summary of additional pertinent information related to the new facility:

Construction start date: 12 May 1978.
Architectural firm: Sherlock, Smith, Adams, Montgomery, AL.
Construction contractor: Dyson & Co., Pensacola, FL.
Projected completion date: 29 June 1980.

At the end of the reporting period, the construction was scheduled to be 24 percent complete; however, work was only at the 20 percent completion point.

Inspections

The following inspections were conducted during 1978:

Arthur Young Agency, COA Study of F&A Reports, 23 February 1978
Defense Audit Service, 7-18 August 1978
DAS Audit - follow-up on AAA Aircraft Utilization, September 1978
Manpower Survey (USAMRDC), 23-27 October 1978
Internal Review (USAMRDC), November 1978

Laboratory Research Activities

USAARL continued its research effort throughout the reporting period in light of a major reorganization and a major conference undertaking with the AGARD/NATO meeting.

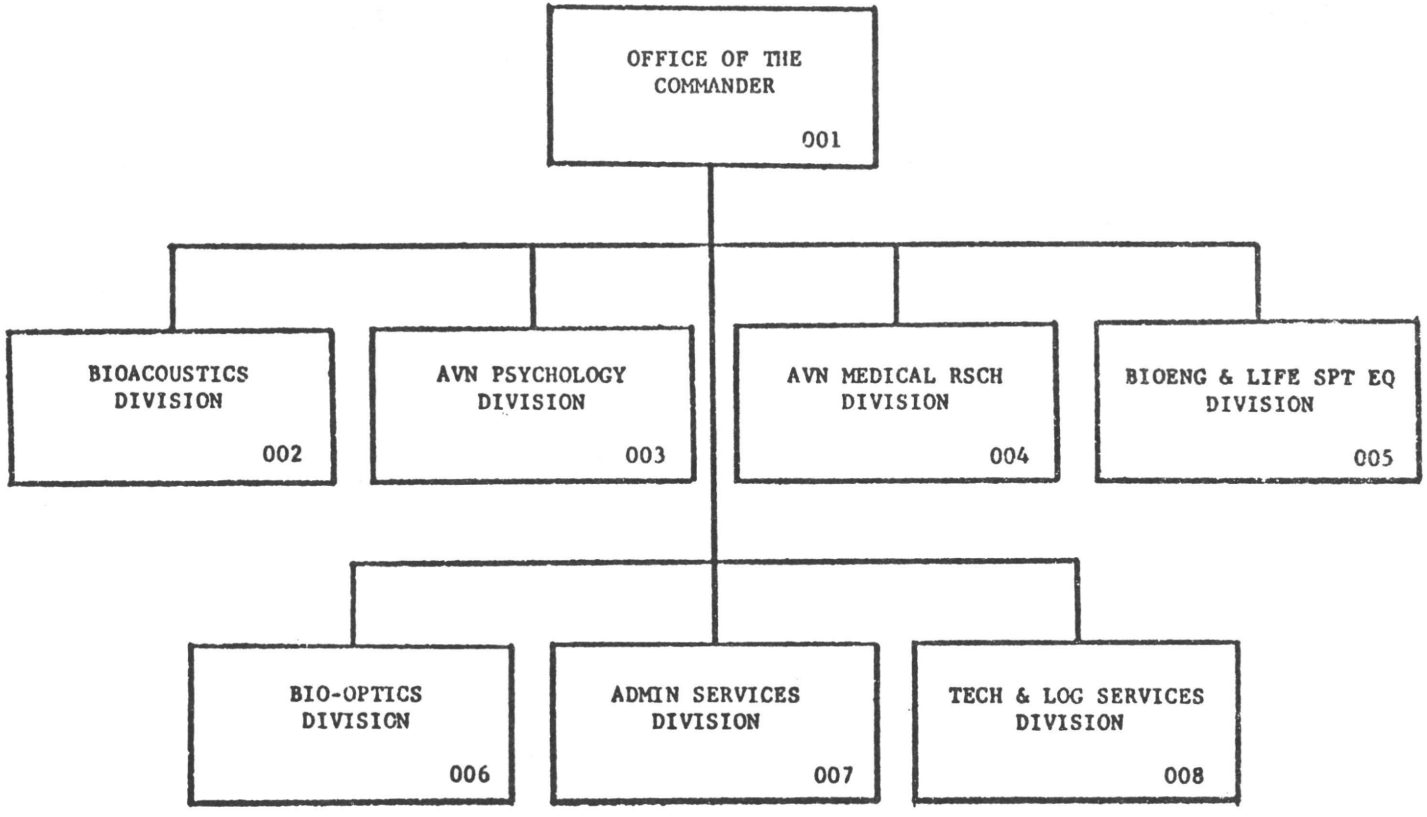
Other

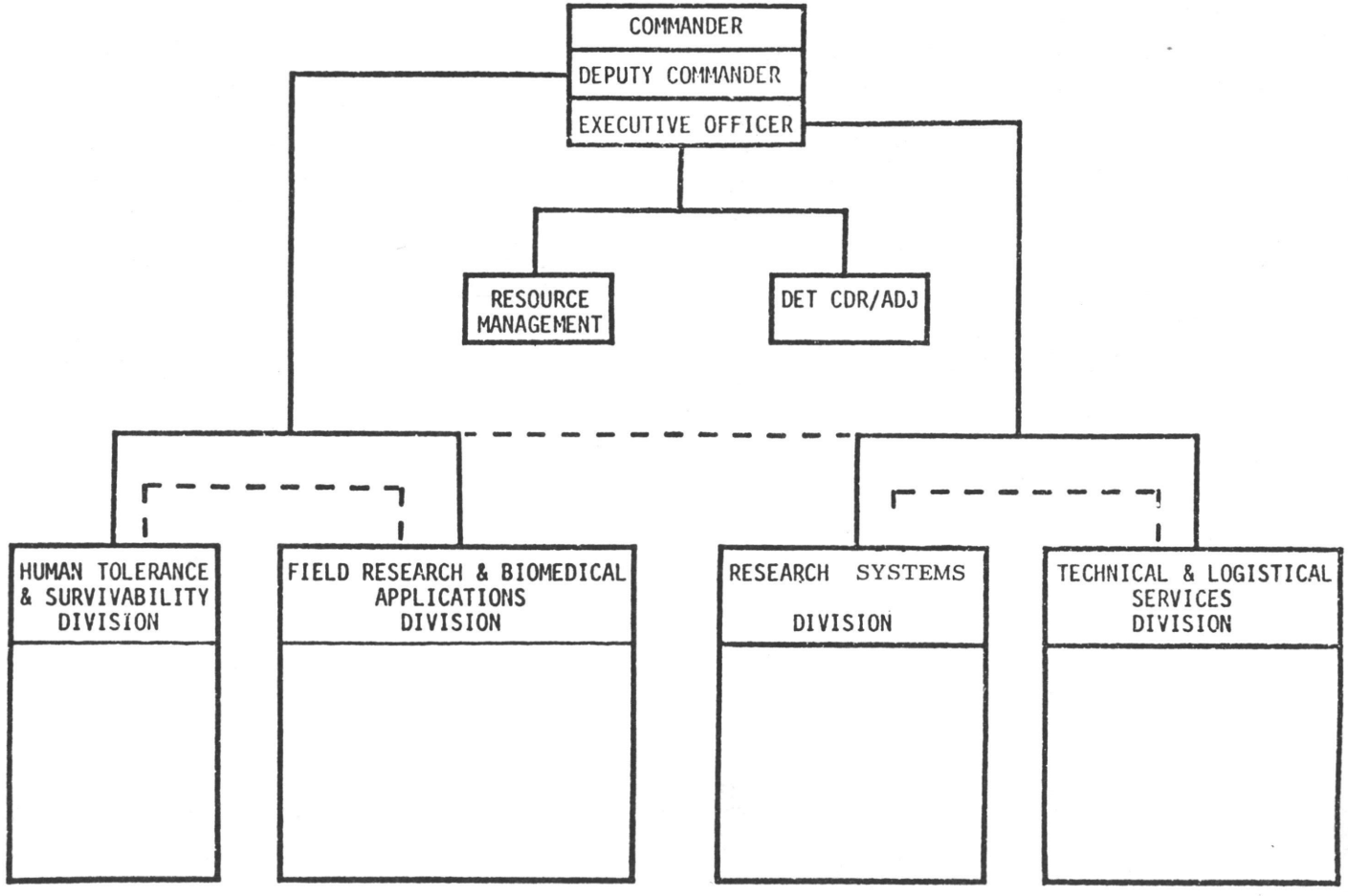
During the period 1-5 May 1978, USAARL hosted the AGARD Aerospace Medical Panel Specialist Meeting entitled "Operational Helicopter Aviation Medicine." The meeting was attended by more than 300 US and international guests from the NATO countries. The event was significant in that it was the first time the Army had hosted such a meeting, the first time a meeting of this sort was devoted strictly to the operational aspects of a subject matter, and the first time that an Aerospace Medical Panel Specialists meeting was entirely devoted to helicopter operations. Key personnel involved in the organization of the meeting were as follows:

Session Organizer: COL Stanley C. Knapp, USAARL Commander
Project Officer: CPT Raymond T. Burden, Jr., Adjutant
Administrative Assistants: Ms. Janice Speigner and Ms. Cathy Stroud

UNITED STATES ARMY AEROMEDICAL RESEARCH LABORATORY

ORGANIZATIONAL CHART




COMMANDER
DEPUTY COMMANDER
EXECUTIVE OFFICER
RESOURCE MANAGEMENT
DET CDR/ADJ
HUMAN TOLERANCE & SURVIVABILITY DIVISION
FIELD RESEARCH & BIOMEDICAL APPLICATIONS DIVISION
RESEARCH SYSTEMS DIVISION
TECHNICAL & LOGISTICAL SERVICES DIVISION

US ARMY COMMUNICATION COMMAND

MISSION:

Plans, programs, operates, and maintains communications-electronics systems. Provides air traffic control services to include program, operations, and maintenance for all military and civil aircraft operating within the Fort Rucker control zone. Provides communications support for host installation emergency operations. Serves as communications electronics staff officer on the host installation commander's staff. Maintains liaison with the Federal Aviation Administration (FAA). Plans for and furnishes operational support for stagefields as required by the host installation. Operates and maintains MARS stations. Provides onsite backup DS/GS level maintenance for nontactical ATC and NAVAIDS facilities within the area of responsibility of the 7th Signal Command. Provides a DX repair and supply point for nontactical ATC and NAVAIDS items.

PERSONNEL:

Position	Personnel
Commander	LTC Emmett F. Johnson
Executive Officer	MAJ James W. McCready
Deputy	Mr. Gerald H. Jones
Sergeant Major	SGM Eli Lee, Jr.
Cdr, Headquarters & Service Company	CPT Wilby O. Campbell
Ch, ATC Operations Division	CPT Owen L. Chalfant
	CPT Charles H. Dove
Ch, ATC NAVAIDS Maintenance Division	CPT Euford E. Herring
Ch, Communications Division	Mr. Samuel C. Williams
Ch, ARAC Division	Mr. Samuel T. Benton

ACCOMPLISHMENTS:

AIR TRAFFIC CONTROL/NAVIGATIONAL AIDS (ATC/NAVAIDS) MAINTENANCE DIVISION

New nondirectional radio beacons were installed at Troy Municipal Airport and Hanchey AHP.

The BRITE 4/5 Bright Radar Display System was installed in Cairns Army Airfield control tower. This sytem enhances air traffic control capabilities and aviation safety operating in and around the airfield.

At least once during the report period, personnel from the Area Maintenance Facility Branch visited every USACC agency/detachment within CONUS, Hawaii, and Alaska with an ATC mission.

Technicians in the ATC/NAVAIDS Maintenance Division received over 4,000 hours of formalized technical training at off-post training institutions and more than 600 hours of New Equipment Training conducted on post by NETTs.

The six latest state-of-the-art TVOR systems for the Fort Rucker aviation complex were approved in 1978 and are scheduled for installation during 1979. Of these, two transmitters and five huts have been received. Existing equipment at Cairns, Hanchey, Troy, Enterprise, and Louisville will be replaced.

One additional new system will be installed at Andalusia/Opp Municipal Airport in support of the reconstructed mini-airways training plan.

An intensive Flight Evaluation Survey was recently conducted on all of Fort Rucker's ATC/NAVAIDS by a USACC Evaluation Team to determine their condition, accuracy, operational reliability, functional status, and operational readiness. An overall rating of satisfactory was established with some receiving an outstanding rating or honorable mention.

SUPPLY

During the past FY, the agency supply personnel maintained an informal fund control register for funds allocated for the purchase of P-31 and P-39 resources. Through diligent efforts on the part of supply personnel and coordination with the agency program analyst, each program was utilized 99.98 percent. A total of $315,467.01 was expended for supplies and equipment in program P-31 with $126.61 in unobligated funds remaining for the FY. Program P-39 had a total of $165,084.29 obligated with an unobligated balance of $85.93 at the end of the FY. This represents $480,551.30 obligated in both programs with a total unobligated balance of $212.54.

ARMY RADAR APPROACH CONTROL (ARAC) DIVISION

An additional 8K of memory was installed in the Automated Radar Terminal System (ARTS III) computer to provide for implementation of the Conflict Alert System. Conflict Alert is a computer-generated alert displayed on the radar scope to provide controllers with early information whenever two radar tracked aircraft are projected to pass dangerously close to each other.

Continuous Data Recording (CDR) equipment was purchased with installation and checkout to be completed in November 1978. CDR consists of a medium speed printer (MSP) and a disc subsystem with two 100 megabyte disc drives. It will provide continuous, uninterrupted recording of operational computer data necessary to reconstruct an incident occurring during ATC operations.

In recognition of the Army's operational requirements, a major enhancement project for the ARAC's automated ATC system, termed ARTS IIIA, was justified, approved, and funded. Equipment delivery is anticipated in 1980.

A new ARTS III computer program was site-adapted, tested, and certified for use.

Vertical IFR recovery procedures were established and implemented by a Letter of Agreement with the Director of Training.

The Fort Rucker control zone was redefined to promote more efficient use of airspace.

The Lowe nondirectional radio beacon was relocated in order to provide a better final approach angle. A new approach procedure was developed and approved.

In order to reduce saturation of the Marianna, FL, area, a new instrument approach procedure was developed and approved for the Marianna Municipal Airport. The new procedure will also enhance operations by reducing flight time.

The ARAC video maps were revised to upgrade the radar presentation.

The FAA conducted flight checks of the following NAVAIDS/facilities:

Cairns VOR	Cairns FPN-40	Hanchey VOR	Troy ILS
Cairns ILS	Cairns ASR-5	Troy FPN-40	

Letters of Agreement with the following facilities were revised:

Cairns AAF Control Tower
Columbus, GA, Approach Control
Hanchey AHP Control Tower
Jacksonville, FL, Air Route Traffic Control Center
Lowe AHP Control Tower
Troy Ground Controlled Approach Facility

All Standard Instrument Departure Procedures were revised and updated.

Among over 1,600 visitors to the ARAC in 1978 were the following distinguished guests:

BG John S. Blair
Commander, 7th Signal Command
Fort Ritchie, MD

COL Normal T. Overdahl
Commander, USACC-TRADOC
Fort Monroe, VA

AIR TRAFFIC CONTROL OPERATIONS DIVISION

Installation of BRITE Scope at Cairns AAF in July now assists in the movement of aircraft.

A Letter of Agreement was initiated between Lowe Division Commander and Lowe Control Tower to standardize landing procedures during peak recovery times.

Lowe ground control frequency changed from 229.4 to 265.6.

The USAAAVS annual aviation safety inspection was conducted 18 September at Lowe AHP.

GMQ11 (wind instrument) was moved from north end of heliport to the top of the tower at Hanchey AHP.

Two additional departure areas (Maltese crosses) were designated in South Heliport and hot refuel moved southward from Pads 1-6 to Pads 4-10. This was accomplished at the suggestion of tower personnel at Runkle AHP to speed up and smooth out the traffic flow during high density periods.

Flight check begun for map overlay at Angel Position at Runkle AHP. This overlay will improve radar service and enhance controller training.

New generation SIF/IFF developed by Hazeltine Corporation were field tested at Runkle FCC May and June 1978.

BG Grafarri, Deputy Commander, Royal Iranian Army, visited Runkle FCC in July 1978.

Very Light Air Traffic Management Equipment (VLATME) was field tested by Army R&D at Runkle FCC September and October 1978.

Airport hours of operation at Troy AAF were reduced 20 percent in order to cut electrical usage during coal strike.

New runway lighting systems with rheostats were installed at the fields where Night Vision Goggle (NVG) and Night Hawk (NH) flight training is conducted.

SOPs have been established for controllers for NVG training.

Hooper, Ech, and Hunt stagefields have been added to the stagefields supporting the extended flight training program, which includes Night Vision Goggle, Night Hawk, and contact night training.

SP5 Eddie Mayenschein was selected Air Traffic Controller of the Year for Fort Rucker, AL. Further competition resulted in his selection as 7th Signal Command's Air Traffic Controller of the Year.

During the period 28 November to 6 December 1978, the ATC Operations Division satisfactorily completed the annual ATC Facility Evaluation. The evaluation was conducted by a team of 17 inspectors consisting of members of the Fort Huachuca, AZ, and Cameron Station, VA, based ATC evaluation teams.

All facets of ATC Operations were evaluated to include: facility administration, facility equipment and operating procedures, facility training programs, facility training records and forms, reference materials, and all facility operating forms. In addition, other areas

of interest included personnel shortages, skill qualification training, radio and landline communications, operator maintenance of equipment, installation of sky genie equipment, safety, and other areas affecting ATC operations.

The evaluation was conducted in a highly professional manner. The division received a great deal of assistance from the evaluation team and members and benefited immeasurably from the evaluation.

HEADQUARTERS AND SERVICE COMPANY

On 11 February 1978, 99 percent of all eligible members of H&S Company participated in familiarization firing of the M-16 rifle.

On 1 March 1978, H&S Company conducted a change of command ceremony in which CPT Geneva E. Curry relinquished command to CPT Wilby O. Campbell.

COMMUNICATIONS DIVISION

A contract was awarded to General Telephone Company of the Southeast effective 2 March 1978 to provide commercial telephone service for all class B subscribers (residential, quasi-official, and business) located on Fort Rucker, AL, plus all class B subscribers located on outlying airfields/facilities.

US ARMY RESEARCH INSTITUTE FIELD UNIT

MISSION:

As the Army Research Institute's (ARI) lead element for aviation training research, the Fort Rucker Field Unit has as its research mission "Aircrew Performance Enhancement in the Tactical Environment." The mission of the ARI Field Unit is executed by three sets of research activities: (1) to extend training research support and technical advisory services to the Commander and elements within the US Army Aviation Center, (2) to execute the advanced development research program portion of the ARI work program which is in support of the US Army Aviation Center and Armywide aviation, and (3) to develop a Technological Base Program of research designed to provide future benefit to Army aviation. In all the research and technical advisory activities of the Fort Rucker Field Unit, emphasis will be placed on responsiveness to requirements in the field environment, stressing solutions to operational problems.

ORGANIZATION:

The Army Research Institute Field Unit is an activity of the Army Research Institute, an operating field activity of the Deputy Chief of Staff for Personnel.

PERSONNEL:

Mr. Charles A. Gainer is the Chief of the ARI Field Unit.

MAJ William C. White, Jr., is the Military R&D Coordinator.

Assigned strength as of December 1978 was: one officer, two enlisted personnel, and 14 civilians.

ACCOMPLISHMENTS:

PROGRAMED RESEARCH

Since its establishment at Fort Rucker, the ARI Field Unit has been conducting a multi-faceted training research program to enhance aircrew performance in the tactical environment. The active task areas and associated research tasks accomplished during 1978 are summarized below:

Task Area A. Flight Simulation.

Research Task 1. UH-1FS Automated Performance Measurement, Evaluation, and Validation.

Research Task 2. UH-1FS Instructor Pilot (IP) Handbook Validation.

Research Task 3. Synthetic Flight Training System Evaluation UH-60FS.

Research Task 4. AH-1 Weapons System Operational Evaluation.

Research Task 5. Development and Specification of Requirements for an Aviator Training Research Flight Simulator.

Research Task 6. Research to Develop Specifications of Future Flight Simulator Visual Systems.

Task Area B. Initial Entry Rotary Wing Training Research.

Research Task 1. Selection and Differential Assignment of Army Aviators Within a Multi-track Initial Entry Rotary Wing (IERW).

Research Task 2. Training Management Requirements of a Self-paced Concept of Flight Training.

Research Task 3. Performance Assessment and Grading System.

Research Task 4. Development and Implementation of a Plan to Evaluate the 175/40 Initial Entry Rotary Wing (IERW) Program.

Research Task 5. OH-58 Mission Track Validation.

Research Task 6. Tactical Terrain Flight Night Navigation.

Task Area C. Tactical Aviation Unit Training and Combat Aviator Proficiency Maintenance.

Research Task 1. Development of Unit Training Modules and Evaluation Technology for Combat Readiness Training in Tactical Helicopter Units.

Research Task 2. Helicopter Aerial Defense Tactics Training Requirements.

Research Task 3. Army Aviator Skill Maintenance, Loss and Recovery.

Research Task 4. Measurement of Helicopter Crew Workload.

Task Area D. FY 79 Technology Base Research Program.

Research Task 1. Methodology to Objectively Evaluate Aviator Candidates' Performance.

Research Task 2. Methodology for an Evaluation Program for Initial Entry Rotary Wing (IERW).

Research Task 3. Visual and Motion System Characteristics for Flight Simulators.

Research Task 4. Projection of Training Requirements for Future Aviation Systems.

TECHNICAL ADVISORY SERVICE

Technical Advisory Service (TAS) includes training research and technical consultation, within the capability of the Fort Rucker ARI Field Unit, which will be provided as requested to the Commanding General, US Army Aviation Center, and to all elements within the Aviation Center. If a TAS request exceeds field unit capability or is outside the aviation area, the appropriate ARI Laboratory or Field Unit is contacted for support.

US ARMY LOGISTIC ASSISTANCE OFFICE (DARCOM)

MISSION:

Represents the Commanding General, DARCOM, at Fort Rucker and in the states of Alabama and Mississippi in all logistic matters of mutual interest; provides a focal point for exchange of logistic intelligence between user activities and DARCOM Headquarters; and performs liaison activities to foster good customer relations, improve customer service, and assist in resolving major nonroutine problems within the DARCOM area of responsibility.

ORGANIZATION:

The United States Army Logistic Assistance Office (LAO), Fort Rucker, is organized as a single unit composed of representatives of the US Army Materiel Development and Readiness Command (DARCOM), collocated with Field Maintenance Technicians (FMT) for the various DARCOM commodity commands.

The Logistic Assistance Offices are assigned to the Commanding General, DARCOM, and operate as a part of DARCOM Headquarters. In matters directly related to prompt resolution of significant logistic problems, the LAOs communicate directly with the appropriate elements of the DARCOM complex. LAOs are authorized to coordinate and communicate directly with all major Army commands, separate agencies and commands, the Army National Guard, and the US Army Reserve and Reserve Officers' Training Corps.

PERSONNEL:

The Fort Rucker LAO is authorized one officer and two civilians. Field Maintenance Technicians are assigned by commodity commands when requested by the installation. Currently assigned personnel are as follows:

Personnel	Position	Dates
LTC William A. Stanaland	Chief	Jan-Dec78 (retired 31 Dec 78)
Mr. Archie L. Gaige, Jr.	Logistic Mgt Specialist	Jan-Dec 78
Ms. Joyce M. Rudd	Secretary	Jan-Dec 78

FMTs assigned, including those reassigned in 1978, were:

Personnel	Command	Dates
Mr. Norman F. Curtis	TARCOM	Jan-Dec 78
Mr. Kenneth R. Royal	CERCOM	Jan-May 78 (Resigned)
Mr. Irwin G. Rice	TSARCOM	Apr-Dec 78 (Reassigned from Canal Zone)
Mr. Darwin G. Pelley	CERCOM	May-Dec 78 (On-call support pending assignment of replacement for Mr. Royal)

ACCOMPLISHMENTS:

The year 1978 has been a demanding one for the LAO. It has seen a marked increase in the requirements placed on the LAO by DARCOM Headquarters. The Fort Rucker LAO has been required to closely monitor the readiness posture of all units within the states of Alabama and Mississippi; to evaluate and report any accidents/incidents within this area in which materiel failure of DARCOM equipment is suspected; and to aid and assist numerous teams from other DARCOM commodity commands when TDY in this area of responsibility.

Annual Training (AT) at Camp Shelby, MS, is the largest single project supported by the LAO. An LAO Field Office was established and operated at Camp Shelby from 19 May - 30 August 1978. This office was manned full-time by FMT personnel from TARCOM, ARRCOM, CERCOM, and TSARCOM,

and manned part-time by LAO personnel from Fort Rucker. Camp Shelby is the site for annual summer training of National Guard and Army Reserve personnel, with over 100,000 personnel trained annually.

The LAO has been responsible for an extensive evaluation and assessment of in-house supply problems at Redstone Arsenal. The Redstone Arsenal Support Activity (RASA) has been experiencing difficulty in maintaining training support equipment for the Missile and Munitions Center/School (MMCS). The problem has been evident for over a year; numerous solutions were attempted during the past year with discouraging results. One solution would help temporarily, but another problem would come up. After a year of assessments and investigations by this LAO and assistance teams from various DARCOM support activities, the problem is slowly being resolved. The solution has involved many things--personnel changes, procurement of new supply support equipment, modification of existing computer programs, and improved coordination and support by all related activities.

The Catalog Data Activity Army Master Data File (AMDF) Microfiche Orientation was presented on numerous occasions to Active Duty, National Guard, and Army Reserve personnel within the LAO area of responsibility and Tennessee. The purpose of these briefings is to assist unit personnel in the use and understanding of information found in the AMDF.

During 1978, the M911 Tractor and M747 Trailer were fielded by TARCOM to units in Alabama and Mississippi. The LAO and the local TARCOM FMT assisted the TARCOM Project Manager in arranging receipt, deprocessing, and release of both tractors and trailers.

The TARCOM FMT assisted in coordination and planning for a major tire recall program. The M880 truck fleet was issued with some defective tires. All tires had to be inspected under specified criteria; defective tires were then returned to the manufacturer's representative for replacement.

During 1978, personnel from the LAO conducted an average of 49 contacts per week with customers, with approximately one-third of these contacts being onsite. A quarterly schedule of visits was maintained with the Reserve components, and monthly visits were made to Fort McClellan and Redstone Arsenal, AL.

During 1978, personnel in the LAO were instrumental in cost avoidance savings in excess of $47,800.

ARNG MULTI-MEDIA GROUP

MISSION:

Manages, coordinates, and monitors the planning and administration of all multi-media instructional systems and devices for Army National Guard (ARNG) aviation. Provides multi-media support for 66 Army Aviation Support Facilities, 13 Army Aviation Flight Activities, four Transportation Aircraft Repair Shops, and the Office of the Chief, Army Aviation Division, National Guard Bureau (NGB).

In concert with the Safety Office, Army Aviation Division, develops, coordinates, and manages a general safety program for the ARNG. Program includes all aspects of safety, primarily utilizing audiovisual presentations, written materials, and other training aids.

ORGANIZATION:

The ARNG Multi-Media Group is under the operational control of the Chief, Army Aviation Division, National Guard Bureau, and the military control of Headquarters, Alabama National Guard. Logistical and administrative support is provided by the US Property and Fiscal Officer (USP&FO) for Alabama.

PERSONNEL:

The Media Group is authorized six National Guard technicians, with four being audiovisual specialists.

Position	Personnel
Manager	CPT Kenneth O. Boley
Training Specialist (Safety)	CPT Cary E. DeKay
Training Specialist (Aviation)	CW2 William W. Shawn
Illustrator	WO1 Ronald G. Swihart
Media Specialist	SSG Jules M. Hobbie
Administrative Specialist	SSG Jan E. Ray

ACCOMPLISHMENTS:

The Group was organized to support the individual aviator proficiency training program throughout the Army National Guard by developing audiovisual packages composed of all available multi-media material in the DOD structure. The Group supplements the program by developing and producing audiovisual material for ARNG peculiar requirements which cannot be satisfied by other sources. This mission is possible due to the media-oriented staff and in-house television, slide, and audio recording production capability. The acquired or developed material is then distributed to the ARNG Learning Centers established at each Aviation Support Facility. During 1978, over 5,200 individual lessons were furnished to those training centers. This represented a 30 percent increase over the previous year's distribution experience.

In 1977 the Group's mission was greatly expanded to include responsibility for supporting the Army National Guard from a general safety point of view. This mission is accomplished in concert with the Safety Office within the Army Aviation Division, NGB. In order to reach every Guardsman down to unit level with safety material, the Group became involved with the Army Training Support Center's Training Extension Course (TEC) program in 1978. In December, the Center, located at Fort Eustis, VA, recognized the Group as a non-TRADOC school authorized to develop and manage safety material for the ARNG. Additionally, a new position was incorporated into the manning of the Group to address exclusively general safety subjects.

Working with agencies within Fort Rucker, TRADOC, the Department of Defense, the federal government, and industry, the Group coordinates and develops training materials covering a multitude of subject areas within the fields of aviation and general safety training.

DEFENSE PROPERTY DISPOSAL OFFICE RUCKER

MISSION:

Receives, classifies, and stores excess and surplus property generated by installation activities; effects disposition of property through reutilization, transfer, donation, or sale; and provides advice and technical assistance to the Installation Commander on disposal matters.

ORGANIZATION:

The Defense Logistics Agency (DLA) is assigned the responsibility for worldwide integrated management of the Defense Property Disposal Program. The Defense Property Disposal Service (DPDS), a major field agency of DLA, headquartered in Battle Creek, MI, exercises program management and staff supervision of the Defense Property Disposal Program. The DPDS is comprised of five regions, Defense Property Disposal Region (DPDR) Pacific, DPDR Europe, DPDR Ogden, DPDR Columbus, and DPDR Memphis, headquartered in Memphis, TN. The Defense Property Disposal Office (DPDO) Rucker is a field activity of the Memphis Region. The activity is organized into the following elements:

Administrative Support
Documentation
Property Management
Reutilization
Sales Preparation

PERSONNEL:

Authorized personnel staffing is nine civilians. Key personnel are assigned as follows:

Position	Personnel
Chief	Mr. James R. Jiovenale
Property Disposal Specialist - Sales	Mrs. Loretta Culpepper
Property Disposal Specialist - Utilization	Mrs. Enzell Tharpe
Receipts Coordinator	Mr. Willie G. Faniel

ACCOMPLISHMENTS:

During FY 78 the activity accomplished the following:

Line Items Received	15,760	Acquisition Cost $8,310,485
Line Items Disposed of	15,158	Acquisition Cost $8,004,575
Line Items Reutilized and Transferred	1,618	Acquisition Cost $1,371,225
Line Items Donated	3,703	Acquisition Cost $2,086,815
Usable Property Sold Acquisition Cost	$1,105,012	Proceeds $126,127
Percent of Returns	11.4%	
Sale of Scrap, Net Tons	859	Proceeds $ 56,551

The reutilization of property to the Department of Defense and authorized Federal agencies, to include forestry services, is the main emphasis of the disposal program. During FY 78, DPDO Rucker reutilized property valued at $898,057 with $149,606 of this being returned to the Army.

DETACHMENT 1, HEADQUARTERS 14TH AIR BASE GROUP (ATC) UNITED STATES AIR FORCE

MISSION:

Monitors the overall training provided Air Force officers attending the Initial Entry Rotary Wing (IERW) and the Rotary Wing Qualification Course (RWQC).

Provides Air Force oriented flight and academic instruction to Air Force students.

Provides liaison between Air Force students, the United States Army, and the United States Air Force on matters pertaining to USAF rotary wing training.

Provides administrative assistance, counseling, and career guidance to Air Force students.

ORGANIZATION:

Detachment 1 is a geographically separated unit under operational control of Headquarters Air Training Command, Deputy Chief of Staff/Operations. Administrative support is provided by the 14th Flying Training Wing, Columbus Air Force Base, MS, and 3800th Air Base Wing, Maxwell Air Force Base, AL. The unit is composed of nine officers, three noncommissioned officers, and one civilian secretary.

PERSONNEL:

Position	Personnel
Commander	LTC Byron W. King, Jr.
Executive/Operations Officer	MAJ Douglas F. Strahl
Assistant Operations Officer	CPT Douglas C. VanWiggeren
Instructor Pilots	CPT Frederic P. Manke, Jr.
	CPT William H. Payne
	2LT Jeffery M. DePasquale
Operations NCO	SSG Larry J. Shaw
Director, Flight Training	CPT Philip D. Stinson
Director, Academic Training	CPT Martin A. Nickerson
Director, Standardization/Evaluation	CPT Richard A. Brust
Administrative Supervisor	MSG James C. Roden
Personnel Specialist	SSG Shelia M. Talley
Secretary	Mrs. Annette Collins

ACCOMPLISHMENTS:

The United States Army Aviation Center began training Air Force helicopter pilots in March 1971. Through the end of 1978, 1,091 Air Force officers graduated from the rotary wing courses at Fort Rucker. This total includes 788 graduates of the Initial Entry Rotary Wing (IERW) Course and 303 graduates of the Rotary Wing Qualification Course (RWQC).

During 1978, 54 Air Force officers earned their wings through the IERW course. In addition, 28 Air Force fixed wing pilots completed RWQC training.

Detachment 1 staff officers and instructor pilots presented over 700 hours of classroom instruction, 270 hours of SFTS (Synthetic Flight Training System) instruction, and conducted or monitored over 1,900 hours of flying training.

US ARMY CRIMINAL INVESTIGATION COMMAND
FORT RUCKER FIELD OFFICE, THIRD REGION

MISSION:

Provides criminal investigative support to all Army elements located within a geographical area encompassing 27 counties in southern Alabama, 10 counties in northwestern Florida, and 41 counties in southern Mississippi.

PERSONNEL:

Personnel	Position	Dates
CPT Terry F. Whitley	Commander	21 Mar 77 - Present
SA Maurice H. Dillon	Operations Officer	15 Jul 76 - 30 Aug 78
SA Ronald R. Seekins	Operations Officer	27 Oct 78 - Present
SA James F. Sweeney	Chief, Investigative Support	2 Jun 77 - Present
SA Julius J. Meszaros	Criminal Information Officer	6 Jul 77 - Present

ACCOMPLISHMENTS:

Materiel:

Procured automated word processing equipment system.

Procured police communication system.

Training:

Unit personnel attended five military and four civilian police related training courses/ seminars throughout the year.

Trained members of 1156th MP Det (CI), Montgomery, AL, Alabama National Guard, on conduct of criminal investigations.

Inspections:

Exempted from Annual General Inspection based on outstanding unit rating received in October 1977 AGI.

Investigations:

Received 532 complaints during the year.

Conducted 103 criminal investigations, resulting in Reports of Investigations.

Performed nine crime prevention surveys for Fort Rucker activities/units.

Performed two protective service missions.

Miscellaneous:

Provided criminal investigative support to operation GALLANT EAGLE, Eglin AFB, FL, 18 October - 16 November 1978.

Recruited two personnel as CID Special Agents.

US ARMY SPECIAL SECURITY GROUP
FORT RUCKER DETACHMENT

MISSION:

Provides, through the use of the Armed Forces Courier Service and Army Communications Command, Fort Rucker resources, a rapid secure means for disseminating Sensitive Compartmented Information (SCI) and information relating to SCI activities to authorized recipients at US Army Aviation Center. Represents the Assistant Chief of Staff for Intelligence, Department of the Army, as an advisory and enforcement agency for the Department of the Army Special Security Officer (SSO) system concerning the provisions of regulations/directives governing this intelligence.

ORGANIZATION:

The United States Army Special Security Group (USASSG) organization and functions are documented in AR 380-28. USASSG is a Field Operating Agency (FOA) under the supervision of the Office of the Assistant Chief of Staff for Intelligence (OACSI), Department of the Army, Washington, DC. The Fort Rucker Detachment, USASSG, is physically located at Fort Rucker, AL, and is organized internally as follows:

Command and Operations Section

Communications and Electronics Support Detachment, USACC, Fort Rucker

PERSONNEL:

1LT Karl W. Uchrinscko assumed command of USASSG, ACSI, DA, on 26 May 1978.

SFC Thomas W. Ponder has been Detachment NCOIC since 15 Febraury 1977.

SSG Charles B. Caessens has been C&E Support Detachment NCOIC since 4 September 1976.

ACCOMPLISHMENTS:

USASSG, Fort Rucker, became operational as an accredited SCI facility in October 1976. Since that time, the Detachment has evolved from primarily a communications center to a research library with holdings of nearly 400 documents and other material. The facility has provided a unique source of threat data for those properly cleared and indoctrinated personnel at USAAVNC whose duties involve combat and training developments, training, testing, and research facilities.

APPENDIX I

INSTALLATION COMMANDERS*

MG Gustav H. Franke - 1942

BG F. W. Manley - 1942

MG Paul J. Mueller - 1942

COL Lloyd S. Spooner - 1943

BG Eric S. Molitor - 1943

COL Martin C. Shallenberger - 1943-44

COL Henry P. Gantt II - 1944-46

BG Walter B. Luplow - 1951

BG Joseph J. Twitty - 1952

MG Crump Garvin - 1952-53

MG Robert Dulong - 1953-1954

BG Carl I. Hutton - June 1954 - June 1957

MG Bogardus S. Cairns - June 1957 - December 1958

MG Ernest F. Easterbrook - January 1959 - March 1962

BG Robert R. Williams - March 1962 - August 1963

MG Clifton F. Von Kann - August 1963 - February 1965

MG John J. Tolson - March 1965 - February 1967

MG Delk M. Oden - February 1967 - September 1970

MG Allen M. Burdett, Jr. - September 1970 - September 1973

MG William J. Maddox, Jr. - September 1973 June 1976

MG James C. Smith - July 1976 - December 1978

MG James H. Merryman - December 1978 - Present

*Dates prior to 1954 are incomplete due to lack of information concerning the earliest periods of Fort Rucker.

APPENDIX II
HISTORICAL BACKGROUND

In accordance with a War Department directive issued at the request of Major General R. M. Danford, the Chief of Field Artillery, 15 officers, 21 enlisted men of the field artillery, and nine civilian instructor pilots, all holders of civilian pilot licenses were ordered on 15 January 1942 to report for temporary duty to the Field Artillery School at Fort Sill, Oklahoma, to test the concept of making light aircraft organic to the Field Artillery.

The test conducted under the direction of Lieutenant Colonel William W. Ford, proved successful and on 6 June 1942, the War Department approved organic aviation for the Field Artillery. By 1 August of that year, the Department of Air Training was organized at Fort Sill with Colonel Ford as director.

From 1945-50, the Department of Air Training added refinements to the training program. The wide-spread use of aircraft in combat resulted in students from all arms and services entering Army Aviation.

The use of aircraft by all arms and services rapidly increased the volume of training at the Department of Air Training and led to the establishment of the US Army Aviation School at Fort Sill.

The school was established effective 1 January 1953, as a Class I activity under the Commanding General, Fourth US Army. The official birthdate was changed in 1960 to the 6th of June to coincide with the birthdate of Army Aviation.

On 25 June 1950, the Department of Air Training had about 50 members on the staff and faculty, about 100 students, and about 125 aircraft -- L-5s, L-16s, L-17s, and H-13s.

By August 1954, the staff and faculty of the Army Aviation School at Fort Sill had grown to almost 300 members. Also, there were 800 students and about 500 aircraft.

Inadequate hangar space, dispersal activities, and submarginal facilities for aviation at Fort Sill resulted in excessive costs and inefficient operations. Since Fort Sill did not have adequate facilities, plans were under study to move the Aviation School to a home of its own.

A number of possibilities were considered to relieve the Aviation School's problem. The possibility of expanding activities at Fort Sill and utilizing abandoned Frederick Air Force Base as a subpost was explored. Other facilities considered were at Shawnee and El Reno, Oklahoma; San Marcos (Gary) Air Force Base, Texas; DeRidder Army Field Forces Base, Camp Polk, Louisiana; Steward Field at Savannah, Georgia; Camp McCall, North Carolina; Fort Riley, Kansas; Camp Rucker, Alabama; and an abandoned Air Force installation at Childress, Texas.

Camp Rucker was chosen over other sites mentioned primarily because Ozark Army Air Field had three 5,000-foot runways, a number of buildings had been renovated during the Korean War at a cost of $8 million, and huge motor parks on the reservation would serve as good heliports. Large buildings used for vehicle repair could serve as rotary wing maintenance hangars.

Fort Rucker is located in Southeast Alabama, midway between the towns of Ozark and Enterprise, on Alabama State Highway No. 248. The towns are about nine miles from the Fort, Ozark to the northeast and Enterprise to the southwest. Dothan is located 26 miles to the southeast.

A Department of the Army letter dated 23 July 1954, informed the Commandant of the Army Aviation School that, "The Secretary of the Army has approved the transfer of the Army Aviation School and the Aviation Test Section of (Army Field Forces) Board No. 1 to Camp Rucker, from Fort Sill, Oklahoma."

Brigadier General Carl I. Hutton, who had been commandant of the Army Aviation School at Fort Sill since July 1954, named Lieutenant Colonel Carlyle W. Arey as his Chief of Staff. On or about 20 August 1954, Colonel Arey departed Fort Sill for Camp Rucker with an advance party of 50.

On 28 August 1954, General Hutton departed Fort Sill and on 1 September, assumed command at Camp Rucker. The move was effected with minimum cancellation of classes, and the first course of study to get underway at Camp Rucker was a combined Army Aviation Tactics course.

The Army Aviation School was organized with five departments -- the Department of Fixed Wing Training, the Department of Rotary Wing Training, the Department of Aviation Maintenance, the Department of Tactics and General Subjects, and the Department of Publications and Non-Resident Instruction. Also included was the Army Aviation School Regiment, Combat Development Office, Office of the School Secretary, and Office of the Director of Instruction.

The first class to be graduated from the Army Aviation School, after the move from Fort Sill, was a Helicopter Maintenance Class consisting of 28 enlisted students. The class had been programed for completion on 8 January 1955, but was advanced for completion prior to the Christmas holidays.

CAMP RUCKER

Fort Rucker traces its beginnings back to a depression-born soil conservation project.

On 23 October 1935, the Federal Government created the Pea River Cooperative Land Use Area, purchasing 32,251 acres of land in Dale and Coffee Counties, and paying land owners an average of $7.46 per acre. This area was purchased by the Government as part of its resettlement and land utilization project, because farming acreage on it was sterile, eroded, and unproductive. It was subsequently leased to the state Government. The state thereafter let the poor land lie fallow and used the good land for timber and recreational purposes, such as hunting, fishing, and camping.

Due to the rapid mobilization in the summer of 1941, a planning survey was made of the area by Army Engineers and subsequently the Real Estate Branch of the War Department purchased 27,857.69 acres of land adjoining the Pea River area.

Later, the remaining land was purchased, and on 22 January 1942, the Army began construction of the Ozark Triangular Division Camp (unofficially known as Camp Rucker). A civilian army of approximately 12,000 workers began to work feverishly. They had 120 days in which to complete the camp.

On 1 May 1942, the base became officially known as the Ozark Triangular Division Camp. By this time, the civilian army of builders, timekeepers, and laborers had just about finished the camp and were disbanding when the first complement of soldiers arrived.

Upon arrival, the station complement (which was formed from existing station complements within the corps area) discovered there was not even a camp headquarters building. However, within 12 hours a battalion recreation hall was designated camp headquarters and a packing case became the first desk. None of the streets had been paved and after a rain, the camp was turned into a sea of mud.

The camp was dedicated on 1 May 1942 by Major General Gustav H. Franke of the 81st "Wildcat" Division, the first infantry unit stationed at the new post.

In June 1943, the camp was renamed in honor of Edmund Winchester Rucker, an Alabamian who served in the Confederate Army.

After the 81st Division had been transferred to the Pacific Theater, the 35th, 98th, and 66th Divisions were trained at the camp.

One of the most beautiful spots on post is the 60-acre Lake Tholocco. It was formed in 1938 by damming Claybank Creek. The lake, within the Pea River area and six miles from the cantonment site, was named with the Indian term for "great warrior" in honor of Samuel Dale, who was a famous Indian fighter and politician for whom Dale County is named.

In the latter days of the war, Camp Rucker became an infantry advanced replacement training center. At one time, a large number of German and Italian prisoners of war were quartered at Camp Rucker, and through arrangements with the government, were utilized in harvesting various farm crops throughout the "wiregrass" area at the time when farm labor was critically short.

Due to demobilization after World War II, the camp was placed on a standby status on 28 February 1946. Only a handful of Army personnel remained at the installation.

Camp Rucker remained in this status until 9 August 1950, when it was reactivated following the outbreak of hostilities in Korea. On 16 January 1951, the 47th Infantry Division -- a Minnesota-North Dakota National Guard Division -- arrived at the camp for training. The division remained at Camp Rucker until May 1954, when it was transferred to Fort Benning, Georgia, and was redesignated the Third Infantry Division.

Following the Korean War, Camp Rucker was again placed on inactive status (30 June 1954), but this order was rescinded in August, with the arrival of the US Army Aviation School. (DA GO 56, 30 June 1954)

The present mission of the post began in August 1954 with the relocation of the Army Aviation School from Fort Sill, Oklahoma. The designation "Army Aviation Center" became official in March 1955. Recognition as a permanent post, serving both the US Army Aviation Center and Aviation School, came on 26 October 1955, when Camp Rucker was officially redesignated Fort Rucker.

On 29 July 1973, the phasing out of Aviation training at Fort Wolters, Texas, began. On that date, IERW Class 74-9 began the Primary Phase of Initial Entry Rotary Wing Training. On 9 November 1973, the last class to go through the Primary Phase at Fort Wolters, Texas, ended their training at that installation, completing the consolidation of all Initial Entry Rotary Wing Training at Fort Rucker.

On 16 August 1973, AH-1G AQC Class 74-4 reported to Fort Rucker for training previously conducted at Hunter AAF, Georgia, thus completing the consolidation of the United States Army Aviation School at Fort Rucker.

Since the end of the US Army's combat role in SE Asia, Army aviation concepts have been closely analyzed, and new concepts are being developed for operations in mid-to-high intensity warfare environments. The role of the armed helicopter is the subject of intense study and innovation. Nap-of-the-earth flight, requiring skills completely unique in aviation, is being constantly refined. Training programs are being updated to meet the challenge and employ the latest techniques.

The philosophy of the Army Aviation Center advocates six principles of learning:

1. Performance-based instruction which requires that students learn critical job tasks by performing them in the training situation.

2. Absolute performance criteria defined in terms of job tasks performance which are applied to determine if the student is proficient.

3. Functional content training in which the theory, principles, and procedures are learned within the content of their application of job task.

4. Individualization of instruction which recognizes the variation in skill, ability, and prior experience.

5. Feedback which closes the communications loop between student and instructor, thereby improving the performance of both by the exchange.

6. Quality control which calls for continuing assessment of the performance of instructors, resident students, and graduates to assure that training goals are achieved.

Incorporation of these learning principles in the training program requires a constant orientation of the training toward job tasks. Such orientation dictates that training must be student centered and employ the tools and equipment of the job to the utmost. This philosophy is further manifest in the design of curricula, training strategies, methods and media, and in student evaluation. The Army Aviation Center must determine the job tasks to be mastered, design the training to fit the student, and evaluate his achievement on the basis of performance. These concepts are the essence of occupational education.

Today, Fort Rucker, Alabama, serves the United States Army by providing the highly qualified Army aviators who are so vital to the ground combat role of the United States Army and by the development of new tactics and concepts of the employment of Army aircraft and the standardization of the precepts of Army aviation worldwide.

(Excerpted from the Fort Rucker Historical Supplement for 1954-1964 and 1975.)

APPENDIX III
STUDENT GRADUATIONS

OFFICER COURSES (TITLE)	NUMBER OF GRADUATES	NUMBER OF CLASSES
AH-1G Aviator Qualification Course	332	25
AH-1G Instructor Pilot Course	27	12
Aviation Commanders' Readiness Course	132	12
Aviation Warrant Officer Advanced Course	213	2
Cadet Military Secondary Training	38	1
CH-47 Aviator Qualification Course	154	13
CH-47 Instructor Pilot Course	18	11
EUROPE/NATO	68	8
EUROPE/NATO NORWAY	3	2
Fixed Wing Multi-Engine Qualification Course	138	10
Officer Rotary Wing Aviator Course I	468	24
Officer Rotary Wing Aviator Course II	362	24
Officer/Warrant Officer Air Traffic Control	24	3
OH-6 Instructor Pilot Course	1	1
OH-58 Instructor Pilot Course	59	12
OV-1 Aviator Qualification Course	37	7
OV-1 Instructor Pilot Course	5	2
Rotary Wing Aviator Refresher Training Course	449	49
Rotary Wing Instrument Course	27	8
Rotary Wing Instrument Flight Examiner Course	140	17
Rotary Wing Qualification Course	104	8
TOW Cobra	281	26
U-8 Instructor Pilot Course	2	1
U-21 Instructor Pilot Course	16	8
UH-1 Instructor Pilot Course, Phase I	161	12
UH-1 Instructor Pilot Course, Phase II	11	11
Warrant Officer Candidate Military Development Course	531	24
Warrant Officer Rotary Wing Aviator Course I	521	24
Warrant Officer Rotary Wing Aviator Course II	484	24
Warrant Officer Senior Course	140	2

ENLISTED COURSES (TITLE)	NUMBER OF GRADUATES	NUMBER OF CLASSES
Advanced NCOES	62	4
67N10	1460	51
67V10	775	54
71P10	398	55
93H10	246	50
93J10	187	50
191-F1	15	12

APPENDIX IV
GLOSSARY OF ABBREVIATIONS

AAA	Army Audit Agency
AAAA	Army Aviation Association of America
AAAWE	Army Aviation Annual Written Examination
AAC	Army Aeromedical Center
AAF	Army Airfield
AAH	Advanced Attack Helicopter
AAIR	Army Aviation Instrumented Range
AAMC	Army Aeromedical Center
AAPC	Aviation Accident Prevention Course
AAPMC	Aviation Accident Prevention Management Course
AAPR	Army Aviation Program Review
ABCS	Aircraft Battlefield Countermeasures and Survivability
ABN/PFDR	Airborne/Pathfinder
AC	Air Cavalry
ACCB	Air Cavalry Combat Brigade
ACCP	Army Correspondence Program
ACE	AH-1 Combat Effective; Aviator Combat Effective
ACE-TDE	Air Combat Engagement - Tactics Development Evaluation
ACJIS	Alabama Criminal Justice Information System
ACMS	Automated Career Management System
ACN	Action Control Number
ACRC	Aviation Commanders' Readiness Course
ACS	Army Community Service
ACSI	Assistant Chief of Staff for Intelligence
ADAC	Alcohol/Drug Awareness Class
ADATS	Air Defense Artillery Threat Simulator

ADSM	Air Defense Suppression Missile
ADT	Active Duty Training
ADTA	Aircraft Development Test Activity
ADTC	Armament Development and Testing Command
ADVT	Advance Development Verification Test
AEFA	Aviation Engineering Flight Activity
AER	Army Emergency Relief
AFB	Air Force Base
AFN	American Forces Network
AG	Adjutant General
AGARD	Advisory Group for Aerospace Research and Development
AGES	Air-Ground Engagement Simulation
AGI	Annual General Inspection
AH	Attack Helicopter
AHAWS	Advanced Heavy Armor Weapons System
AHP	Army Heliport
AIDAPS	Aircraft Inspection Diagnostic and Prognostic System
AIRS	Accident Information Retrieval System
AIT	Advanced Individual Training
ALNG	Alabama National Guard
ALPO	Allied Logistic Publication Office
AMDF	Army Master Data File
AMSAA	Army Materiel Systems Analysis Agency
AMTD	Allied Military Training Division
AOW	Action Officer's Workshop
APG	Aberdeen Proving Grounds
APPP	Advance Procurement Planning Program
AQC	Aviation Qualification Course
AR	Armor; Army Regulation
ARAC	Army Radar Approach Control
ARCSA	Aviation Requirements for the Combat Structure of the Army

ARI	Army Research Institute
ARMS	Aircraft Reliability and Maintainability Simulation
ARNG	Army National Guard
ARRCOM	US Army Armament Materiel Readiness Command
ARTEP	Army Training and Evaluation Program
ARTS	Automated Radar Terminal System
ASARC	Army Systems Acquisition Review Council
ASAVE	Aviation Safety Assistance Visit and Evaluation
ASE	Aircraft Survivability Equipment
ASF	Army Stock Fund
ASH	Advanced Scout Helicopter
ASI	Additional Skill Identifier
ASOC	Aviation Safety Officer Course
ASR	Airport Surveillance Radar
AT	Annual Training
ATC	Air Traffic Control
ATHELO	Attack Helicopter Organization
ATLP	Army Training Literature Program
ATM	Aircrew Training Manual
AUSA	Association of the US Army
AVMIS	Aviation Management Information System
AVNEC	Army Aviation Employment Conference
AVRADCOM	Aviation Research and Development Command
AVSCOM	US Army Aviation Systems Command
AWOAC	Aviation Warrant Officer Advanced Course
AWOL	Absent Without Leave

BASOPS	Base Operations; Base Operating System
BER	Budget Execution Review

BML	Bidder's Mailing List
BOIP	Basis of Issue Plans
BOQ	Bachelor Officer Quarters
CAA	Civil Aeronautics Administration
CAC	Combined Arms Center
CACDA	Combined Arms Combat Development Activity
CACMIS	Combined Arms Center Management Information System
CAI	Centralized Accident Investigation
CAMI	CONUSA Activity at Mobilization Installation
CAMP	Computer Analysis of Materiel Problems
CBR	Chemical, Biological, and Radiological
CBT	Combat
CDEC	US Army Combat Developments Experimentation Command
CDR	Commander; Critical Design Review; Continuous Data Recording
CE	Communications-Electronics
CEOI	Communications-Electronics Operation Instructions
CEP	Concept Evaluation Plan; Circular Error Probable
CERCOM	Communications and Electronics Materiel Readiness Command
CFC	Combined Federal Campaign
CFP	Concept Formulation Package
CG	Commanding General
C&GSC	Command and General Staff College
CI	Criminal Investigation; Counterintelligence
CID	Criminal Investigation Division
CL	Checklist
CM	Commander's Manual
COA	Comptroller of the Army
COBE	Command Operating Budget Estimate

COEA	Cost and Operational Effectiveness Analysis
COM	Computer Output Microfiche
COMEDS	CONUS Meteorological Data System
COMPACT	Consolidated Military Personnel Activity
CONUS	Continental US
COR	Contracting Officer's Representative
CORADCOM	Communications, Research, and Development Command
CPX	Command Post Exercise
CRP	Central Receiving Point
CS	Chief of Staff
CSM	Command Sergeant Major
CTD	Career Training Division
CTEA	Cost and Training Effectiveness Analysis
CTLT	Cadet Troop Leadership Training

DA	Department of the Army
DAAG	Department of the Army Adjutant General
DAAPP	Department of the Army Audiovisual Production Program
DAC	Department of the Army Civilian
DAMP/TVPP	Department of the Army Motion Picture/Television Production Program
DARCOM	US Army Materiel Development and Readiness Command
DAS	Defense Audit Service
DBFR	Domestic Base Factors Report
DCD	Directorate of Combat Developments
DCDR	Deputy Commander
DCS	Deputy Chief of Staff
DCSCD	Deputy Chief of Staff for Combat Developments
DCSOPS	Deputy Chief of Staff for Operations and Plans
DCSPER	Deputy Chief of Staff for Personnel

DCSRDA	Deputy Chief of Staff - Research and Development Activity
DDC	Defense Documentation Center
DDRE	Director of Defense Research and Engineering
DES	Directorate of Evaluation and Standardization
DEVA IPR	Development Acceptance In-Process Review
DFAE	Director of Facilities Engineering
DGFT	Department of Graduate Flight Training
DIA	Defense Intelligence Agency
DIO	Directorate of Industrial Operations
DLA	Defense Logistics Agency
DMD	Digital Message Device
DOAT	Department of Academic Training
DOD	Department of Defense
DOFT	Department of Flight Training
DOS-E	Disk Operating System Enhancement
DPC	Data Processing Center
DPCA	Directorate of Personnel and Community Activities
DPDS	Defense Property Disposal Service
DPFO	Data Processing Field Office
DPS	Data Processing System
DRM	Directorate of Resource Management
DRTM	Department of Resident Training Management
DS/GS	Direct Support/General Support
DSA	Defense Supply Agency
DSARC	Defense System Acquisition Review Council
DT	Directorate of Training; Development Test
DTD	Directorate of Training Developments
DUFT	Department of Undergraduate Flight Training
DWI	Driving While Intoxicated
DX	Direct Exchange
DYA	Dependent Youth Activities

ECIP	Energy Conservation Investment Program
ECP	Engineering Change Proposals
ED	Engineering Development
EDRE	Emergency Deployment Readiness Exercise
EDT	Engineering Design Test
EED	Education and Evaluation Division
EEMO	Engineer Equipment Maintenance Officer
EEO	Equal Employment Opportunity
EER	Enlisted Evaluation Report
EIS	Environmental Impact Statement
EN	Engineer
EO	Equal Opportunity
EOC	Emergency Operation Center
EOD	Explosive Ordnance Disposal
EPR	Equipment Performance Reports
ERISA	Employee Retirement Income Security Act
ETV	Educational Television
EURO/NATO	European/North Atlantic Treaty Organization
EWL	Electronic Warfare Laboratory
FA	Field Artillery
FAA	Federal Aviation Administration
FAD	Fund Authorization Document
FAO	Finance and Accounting Office
FARP	Forward Arming and Refueling Point
FARRP	Forward Area Rearming and Refueling Point
FCC	Federal Communications Commission; Flight Communications Center
FDTE	Force Development Test and Experimentation
FDW	Faculty Development Workshop

FHMA	Family Housing Management Account
FIA	Financial Inventory Accounting
FLITE	Federal Legal Information Through Electronics
FM	Field Manual
FMS	Foreign Military Sales
FMT	Field Maintenance Technicians
FOA	Field Operating Agency
FORSCOM	US Army Forces Command
FRG	Federal Republic of Germany
FS	Flight Simulator
FSWP	Flight Safety Working Party
FTX	Field Training Exercise
FW	Fixed Wing
FWMEQC	Fixed Wing Multi-Engine Qualification Course
FY	Fiscal Year

GAO	General Accounting Office
GAZCP	Gunner's Accuracy Control Panel
GED	General Education Development
GLHF	Ground Launch HELLFIRE
GLLD	Group Laser Locator Designator
GO	General Orders
GOCO	Government Owned-Contractor Operated
GPO	Government Printing Office
GS	General Support; General Schedule
GTA	Graphic Training Aid
HELBAT	Human Engineering Inventory Battalion Artillery Test
HELLFIRE	Helicopter Launched Fire and Forget Missile System
HFE	Human Factors Engineering
HMMS	HELLFIRE Modular Missile System

HQ	Headquarters
HR	Human Relations
HRO	Housing Referral Office
HSC	Health Services Command
HUD	Heads Up Display
HVY	Heavy
IAW	In Accordance With
IBM	International Business Machines
ICAO	International Civil Aviation Organization
ICTP	Individual/Collective Training Plans
IDA	Institute for Defense Analysis
IERW	Initial Entry Rotary Wing
IFF	Identification, Friend or Foe (Radar)
IFR	Instrument Flight Rules
IFS	Integrated Facilities
IG	Inspector General
ILS	Instrument Landing System
ILS/MT	Integrated Logistics Support/Management Team
IMAGES	Instructional Material Adequacy Guide and Evaluation Standard
INSCOM	Intelligence and Security Command
INVG	Improved Night Vision Goggles
IOC	Initial Operational Capability
IP	Instructor Pilot
IPC	Instructor Pilot Course
IPR	In-Process Review
IR	Infrared
IRIS	Infrared Imaging Seeker
ISD	Instructional Systems Development
ITAADS	Installation The Army Authorization Document System

ITC	Instructor Training Course
ITDT	Integrated Technical Documentation and Training
ITP	Individual Training Plan
JB	Job Books
J-CATCH	Joint Countering of Attack Helicopters
JCS	Joint Chiefs of Staff
JOA	Joint Operating Agreement
JROTC	Junior Reserve Officers' Training Corps
JSASC	Joint Services Aviation Safety Conference
JTX	Joint Training Exercise
JUMPS	Joint Uniform Military Pay System
LAO	Logistics Assistance Office
LNO	Liaison Officer
LOA	Letter of Authorization; Letter of Agreement
LOCALS	Low Cost Alternative Seeker
LORATS	Long Range Aviation Training Support Plan
LR	Letter Requirement
LSAR	Logistics Support Analysis Record
MACOM	Major Army Command
MARS	Military Affiliate Radio System
MASUBCOM	Major Subcommand
MC	Medical Corps
MCA	Military Construction, Army
MCAR	Military Construction, Army Reserve
MED	Medical

MENS	Mission Element Need Statement
MG	Machine Gun
MI	Military Intelligence
MILES	Multiple Integrated Laser Engagement Simulation
MILPERCEN	US Army Military Personnel Center
MIRADCOM	Missile Research and Development Command
MISO	Management Information Systems Office
MITAC	Map Interpretation Training Analysis Course
MMCS	Missile and Munitions Center/School
MMS	Mast Mounted Sight
MOA	Memorandum of Agreement
MOB	Mobilization
MOI	Methods of Instruction
MOS	Military Occupational Specialty
MP	Military Police
MSC	Medical Service Corps
MSP	Medium Speed Printer
MTD	Maintenance Training Division
MTOE	Modification Tables of Organization and Equipment
MTT	Mobile Training Team

NAF	Nonappropriated Funds
NAFCAB	Nonappropriated Fund Central Accounting Branch
NARADCOM	Natick Army Research and Development Command
NAS	Naval Air Station
NATO	North Atlantic Treaty Organization
NAVAIDS	Navigational Aids
NBC	Nuclear, Biological, Chemical
NCO	Noncommissioned Officer

NCOES	Noncommissioned Officer Education System
NCOIC	Noncommissioned Officer-In-Charge
NETT	New Equipment Training Team
NG	National Guard
NGB	National Guard Bureau
NH	Night Hawk
NICAD	Nickel Cadmium
NOE	Nap-of-the-Earth
NORAD	North American Air Defense Command
NOTAR	No Tail Rotor
NSA	National Security Agency
NVG	Night Vision Goggles
NVL	Night Vision Laboratory

OACSI	Office of the Assistant Chief of Staff for Intelligence
OCCS	Ordnance Chemical Center and School
OCONUS	Outside Continental US
ODCSOPS	Office, Deputy Chief of Staff for Military Operations
ODCSRDA	Office of the Deputy Chief of Staff for Research, Development, and Acquisition
OE	Organizational Effectiveness
OESO	Organizational Effectiveness Staff Officer
OJT	On-the-Job Training
OMA	Operation and Maintenance, Army
OMAR	Operation and Maintenance, Army Reserve
OMARNG	Operation and Maintenance, Army Reserve National Guard
OMB	Office of Management and Budget
OPMS	Officer Personnel Management System
ORSA	Operation Research/Systems Analysis
OS	Operating System

OSD	Office of the Secretary of Defense
OSHA	Occupational Safety and Health Act
OT	Operational Test
OTEA	Operational Test and Evaluation Agency
PA	Procurement Appropriations
PARR	Program Analysis and Resource Review
PCC	Precommand Course
PCS	Permanent Change of Station
PDR	Preliminary Design Review
PI	Product Improvement
PLC	Primary Leadership Course
PLL	Prescribed Load List
PM	Project Manager
PMO	Program Management Office
PM TRADE	Project Manager Training Devices
PNVS	Pilot Night Vision System
POC	Point of Contact
POI	Program of Instruction
POL	Petroleum, Oils, and Lubricants
POM	Preparation for Overseas Movement
POMCUS	Prepositioning of Materiel Configured to Unit Sets
POR	Preparation of Replacements for Overseas Movement
PQC	Prototype Qualification, Contractor
PQC	Prototype Qualification Test
PRAC	Program Resource Advisory Committee
PRAM	Preliminary Reports of Aircraft Mishaps
PT	Physical Training
PTA	Parent Teacher Association
PVT	Production Validation Test

PX	Army Exchange
QC	Quality Control
QM	Quartermaster
QQPRI	Qualitative and Quantitative Personnel Requirements Information
QSTAG	Quadripartite Standardization Agreement
R&A	Review and Analysis
RAM	Reliability, Availability, and Maintainability
RAP	Racial Awareness Program
RASA	Redstone Arsenal Support Activity
RC	Reserve Component
RCM	Reliability Centered Maintenance
R&D	Research and Development
RDAC	Research Development Acquisition Committee
RDTE	Research, Development, Test, and Evaluation
REFRAD	Release from Active Duty
RF	Radio Frequency
RFP	Request for Proposal
RFT	Radio Frequency Test
ROC	Required Operational Capability
ROTC	Reserve Officers' Training Corps
RPA	Reserve Personnel, Army
RSI	Rationalization, Standardization, and Interoperability
RW	Rotary Wing
RWART	Rotary Wing Aviator Refresher Training
RWIC	Rotary Wing Instrument Course
RWIFEC	Rotary Wing Instrument Flight Examiner Course
RWIIPMOI	Rotary Wing Instrument Instructor Pilot Method of Instruction Course

RWQC	Rotary Wing Qualification Course
SA	Special Agent
SAC	Supply Administration Center
SAF	Subject to Availability of Funds
SAG	Study Advisory Group
SAILS	Standard Army Intermediate Level System
SASC	Special Ammunition Support Command
SCC	Student Counseling Course
SCI	Sensitive Compartmented Information
SCRUB	System Change Request Utilization Board
SE	System Evaluation
SEAD	Suppression of Enemy Air Defense
SEBQ	Senior Enlisted Bachelor Quarters
SEER	Senior Enlisted Evaluation Report
SERE	Survival, Evasion, Resistance, and Escape
SF/FIA	Stock Fund/Financial Inventory Accounting
SFTS	Synthetic Flight Training System
SGS	Secretary of the General Staff
SIDPERS	Standard Installation Division Personnel System
SIF	Selective Identification Feature
SIP	Standardization Instructor Pilot
SIRS	Structural Integrity Recording System
SM	Service Member; Soldier's Manual
SMAS	Safety Management Assistance System
SME	Subject Matter Expert
SOP	Standing Operating Procedure
SPA	Skills Performance Aids
SPGM	Special Purpose Goggle Map

SPH	Statement of Personal History
SQT	Skill Qualification Test
SSG	Special Study Group
SSO	Special Security Officer
SSPFT	Special Staff Physical Fitness Test
STACOM	Standardization Communication
STANAG	Standard Agreement
STANS	Standard Accounting System for Nonappropriated Funds
STEPS	Self-Teaching Extension Package
STRAF	US Strategic Army Forces
STRES	Simulated Training Requirements and Effectiveness
TAADS	The Army Authorization Documents System
TAC	Tactical Air Command; Training Administration Center
TACNAV	Tactical Navigation
TADS	Target Acquisition Designation System
TAGO	The Adjutant General Office
TAM	Tactical Aviation Map
TARCOM	Tank-Automotive Materiel Readiness Command
TAS	Technical Advisory Service
TASC	Training Aids Services Center
TASO	Training Aids Services Office
TASSFRC	TSARCOM Aircraft System Safety of Flight Review Committee
TASVAL	Tactical Aircraft Effectiveness and Survivability in Close Air Support Anti-Armor Operations
TAT	TOW Armor Turret
TBO	Time Between Overhauls
TC	Training Circular; Transportation Corps
TCATA	TRADOC Combined Arms Test Activity
TD	Training Developments

TDA	Table of Distribution and Allowances
TD&E	Tactics Development and Evaluation
TDLR	Training Device Letter Requirement
TDP	Test Design Plan
TDR	Training Device Requirement
TDY	Temporary Duty
TEC	Training Extension Course
TECOM	US Army Test and Evaluation Command
TF	Training Film
TFWC	Tactical Flight Weapons Center
TIWG	Test Integration Working Group
TM	Technical Manual
TMP	Transportation Motor Pool
TOC	Tactical Operations Center
TO&E	Table of Organization and Equipment
TOP	Test Operations Procedure
TOW	Tube-Launched, Optically-Tracked, Wire-Guided Missile
TP	Teleprocessing
TPARR	TRADOC Program Analysis Resource Review
TPL	Table Processing Language
TR	Technical Report
TRACO	Trainer Corporation of America
TRADOC	US Army Training and Doctrine Command
TRAMIS	TRADOC Management Information System
TRM	TRADOC Review of Manpower
TRMS	TRADOC Resource Management System
TSARCOM	Troop Support and Aviation Materiel Command
TSC	Training Support Center
TSM	TRADOC System Manager
TSP	Test Support Package

TTCP	The Tactical Corporation Program
TV	Television
TVOR	Terminal VHF Omnidirectional Range
UHF	Ultra High Frequency
UHPT	Undergraduate Helicopter Pilot Training
USAAA	US Army Audit Agency
USAAAVS	US Army Agency for Aviation Safety
USAADMINCEN	US Army Administration Center and Fort Benjamin Harrison
USAADTA	US Army Aircraft Development Test Activity
USAAMC	US Army Aeromedical Center
USAARL	US Army Aeromedical Research Laboratory
USAARMC	US Army Armor Center
USAATL	US Army Applied Technology Laboratory
USAAVN	US Army Aviation
USAAVNBD	US Army Aviation Board
USAAVNC	US Army Aviation Center
USAAVSCOM	US Army Aviation Systems Command
USACAA	US Army Concept Analysis Agency
USACAC	US Army Combined Arms Center
USACC	US Army Communications Command
USAEIGHT	Eighth US Army
USAEPG	US Army Electronic Proving Grounds
USAF	US Air Force
USAFAC	US Army Finance and Accounting Center
USAFORSCOM	US Army Forces Command
USALOGC	US Army Logistics Center
USAMACOM	US Army Major Command
USAMRDC	US Army Medical Research and Development Command
USAOTEA	US Army Operational Test and Evaluation Agency

USAR	US Army Reserve
USAREUR	US Army, Europe
USARI	US Army Research Institute
USASC	US Army Safety Center
USASIGC	US Army Signal Corps
USASSG	US Army Special Security Group
USATC	US Army Transportation Center
USATECOM	US Army Test and Evaluation Command
USATSC	US Army Training Support Center
USATSCH	US Army Transportation School
USAVRADCOM	US Army Aviation Research and Development Command
USGAO	US General Accounting Office
USMA	US Military Academy
USN	US Navy
USP&FO	US Property and Fiscal Officer
UTTAS	Utility Tactical Transport Aircraft System
VC	Veterinary Corps
VEQ	Visiting Enlisted Quarters
VFR	Visual Flight Rules
VHF	Very High Frequency
VIP	Very Important Person
VLATME	Very Light Air Traffic Management
VOQ	Visiting Officers' Quarters
VOR	VHF Omnidirectional Range
WG	Wage Grade
WOAC	Warrant Officer Advanced Course
WOC	Warrant Officer Candidate

WOCD	Warrant Officer Career Development
WOCMDC	Warrant Officer Candidate Military Development Course
WOOC	Warrant Officer Orientation Course
WOSC	Warrant Officer Senior Course
WPRAC	Working Program Resource Advisory Committee
XO	Executive Officer

APPENDIX V

INDEX

A Company, 46th Engr Bn, 162
Abbreviations, Glossary of, 217
Academic Training, Department of, 18
Accident Prevention, Office (Safety), DPCA, 89
Adjutant General Division, DPCA, 92
Advanced Methodology and Instrumentation Branch, USAADTA, 175
Advanced Scout Helicopter, TSM, 63
Aeromedical Center, USA, 186
Aeromedical Research Laboratory, USA, 189
Air Traffic Control Division, DOAT, 19
Air Traffic Control/Navigational Aids (ATC/NAVAIDS) Maintenance Division, USACC, 194
Air Traffic Control Operations Division, USACC, 196
Aircraft Development Test Activity, USA, 171
Aircraft Logistics Management Division, DIO, 105
Aircraft Management Branch, DT, 14
Aircraft Product Improvement Test Branch, USAADTA, 173
Airfield/Airspace Branch, DT, 11
Alcohol/Drug Abuse Division, DPCA, 97
Allied Military Training Division, 6th Bn, 156
Andrews, James H., Photo, 157
Army Aviation Digest, USA, DTD, 37
Army Aviation Museum, US, 101
Army Community Service, DPCA, 87
Army Radar Approach Control (ARAC) Division, USACC, 195
Attack Helicopter, TSM, 61
Aviation Board, USA, 47
Aviation Learning Center, DOAT, 24
Aviation Systems Development Branch, MISO, 125
Aviation Training Library, DT, 16

B Company, 46th Engr Bn, 163
Bahnsen, John C., Jr., Photo, 128
Billeting Branch, DFAE, 113
Black Hawk Test Branch, USAADTA, 174
Buildings and Grounds Division, DFAE, 109

C Company, 46th Engr Bn, 164
Cairns Army Airfield Branch, DT, 12
Career Training Division, DOAT, 20
CH-47 RAM/Log Data Collection Branch, USAADTA, 174
Chaplain, Center, 79
Civilian Personnel, Office of, 78
Combat Developments, Directorate of, 38
Commanders, Fort Rucker, 209
Communication Command, USA, 192
Communications Division, USACC, 197
Concepts and Studies Division, DCD, 39
Course Development Division, DTD, 33
Criminal Investigation Command Fort Rucker Field Office, Third Region, USA, 205

Daly, Jerome R., Photo, 145
Defense Property Disposal Office Rucker, 204

Delavan, Patrick N., Photo, 6
Dependents Schools, Fort Rucker, DPCA, 86
Detachment 1, Headquarters 14th Air Base Group (ATC) USAF, 206
Detachment 9, 5th Weather Squadron, 127

Education Branch, DPCA, 86
Educational Television, DTD, 36
Engineering, Plans and Services Division, DFAE, 108
Environmental Office, DFAE, 109
Evaluation and Standardization, Directorate of, 42
Evaluation Division, DES, 44
Extension Training Management Branch, DOAT, 23

Facilities Engineering, Directorate of, 108
Family Housing Branch, DFAE, 111
Finance and Accounting Division, DRM, 121
Fire Prevention and Protection Division, DFAE, 110
Flight Operations Branch, USAADTA, 172
Flight Simulator Division, DOAT, 23
Flight Standardization Division, DES, 43
Flight Training, Department of, 25
Force Development Division, DRM, 122
Furnishings Management Branch, DFAE, 114

Graduations, Student, 215

Headquarters and Headquarters Company, 46th Engr Bn, 161
Headquarters and Service Company, USACC, 197
Headquarters Company, USAADTA, 176
HELLFIRE Modular Missile System (HMMS), TSM, 69
Historical Background, 210
Housing Division, DFAE, 111
Human Relations Division, DPCA, 90

Industrial Operations, Directorate of, 102
Inspector General, 77
Installation Club System, DPCA, 89
Instrumentation Branch, USAADTA, 174
Internal Review Division, DRM, 117

Logistic Assistance Office (DARCOM), USA, 200
Logistics Management Branch, USAADTA, 172

Machine Operations Branch, MISO, 125
Maintenance Division, DIO, 105
Maintenance Support Branch, USAADTA, 173
Maintenance Training Division, DOAT, 22
Management Analysis Division, DRM, 123
Management Division, USAADTA, 172
Management Information Systems Office, 124
Materiel Systems Developments Division, DCD, 40
Materiel Test Division, USAADTA, 173
Merryman, James H., Photo, 3
Morale Support Fund, DPCA, 85
Multi-Media Group, ARNG, 202

Office of the Director, DES, 42
Organization Division, DCD, 40
Organizational Effectiveness Division, DPCA, 91

Patterson, James H., Photo, 5
Personnel and Community Activities, Directorate of, 84
Personnel Services Division, DPCA, 84
Photo and Optics Branch, USAADTA, 172
Plans and Methodology Division, USAADTA, 175
Plans and NBC Office, S3, 1st Avn Bde, 131
Plans and Programs Branch, USAADTA, 176
Plans Branch, DT, 10
Ponder, William R., Photo, 7
Post Exchange, DPCA, 87
Procurement Division, DIO, 103
Program and Budget Division, DRM, 119
Program Management Office, DES, 43
Program Management Office, DTD, 30
Programed Research, ARI Field Unit, 198
Programs/Budget Division, DT, 15
Provost Marshal, DPCA, 98
Public Affairs Office, 76

Range Branch, DT, 15
Recreation Services Division, DPCA, 94
Reilly, W. F., Jr., Photo, 149
Reliability and Analysis Branch, USAADTA, 174
Research Institute Field Unit, USA, 198
Reserve Components, Directorate of, 126
Resource Management, Directorate of, 115
Roots, Robert L., Photo, 8
Rosser, Terry N., Photo, 134

Safety Center, USA, 177
Scheduling Branch, DT, 13
Secretary General Staff, 82
Security Office, 1st Avn Bde, 133
Smith, James C., Photo, 4
Special Security Group Fort Rucker Detachment, USA, 208
Staff and Faculty Development Division, DTD, 36
Staff Judge Advocate, 75
Standardization Literature Review Section, DES, 43
Supply, USACC, 195
Supply and Services Division, DIO, 102
Supply Branch, DOAT, 23
Supply-Storage Division, DFAE, 109
Systems Analysis and Programing Branch, MISO, 124
Systems Test Branch, USAADTA, 173

Technical Advisory Service, ARI Field Unit, 199
Test and Evaluation Division, DCD, 38
Test Control Office, S3, 1st Avn Bde, 133
Test Support Division, USAADTA, 172
TRADOC System Manager - See specific aircraft type
Training Aids Branch, DTD, 35
Training Analysis and Design Division, DTD, 31
Training Developments, Directorate of, 29
Training, Directorate of, 9
Training Literature Division, DTD, 32
Training Management Division, DT, 10
Training Support Division, DT, 13
Training Support Division/TASC, DTD, 35
Transportation Division, DIO, 104

Utilities Division, DFAE, 110

Numbered Units

1st Aviation Brigade, 129
1st Battalion, 1st Avn Bde, 135
4th Battalion, 1st Avn Bde, 146
6th Battalion, 1st Avn Bde, 150

11th Company, 1st Bn, 136
12th Company, 1st Bn, 137
13th Company, 1st Bn, 138
14th Company, 1st Bn, 139

46th Engineer Battalion, 158

61st Company, 6th Bn, 151
62d Company, 6th Bn, 152
63d Company, 6th Bn, 154
64th Company, 6th Bn, 155

91st Engineer Detachment, 46th Engr Bn, 169
98th Army Band, 1st Bn, 143

108th Quartermaster Company, 46th Engr Bn, 165
123d Ordnance Detachment, 46th Engr Bn, 168
141st MP Company, 1st Bn, 141
416th Transportation Company, 46th Engr Bn, 166
427th Medical Company, 46th Engr Bn, 167

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