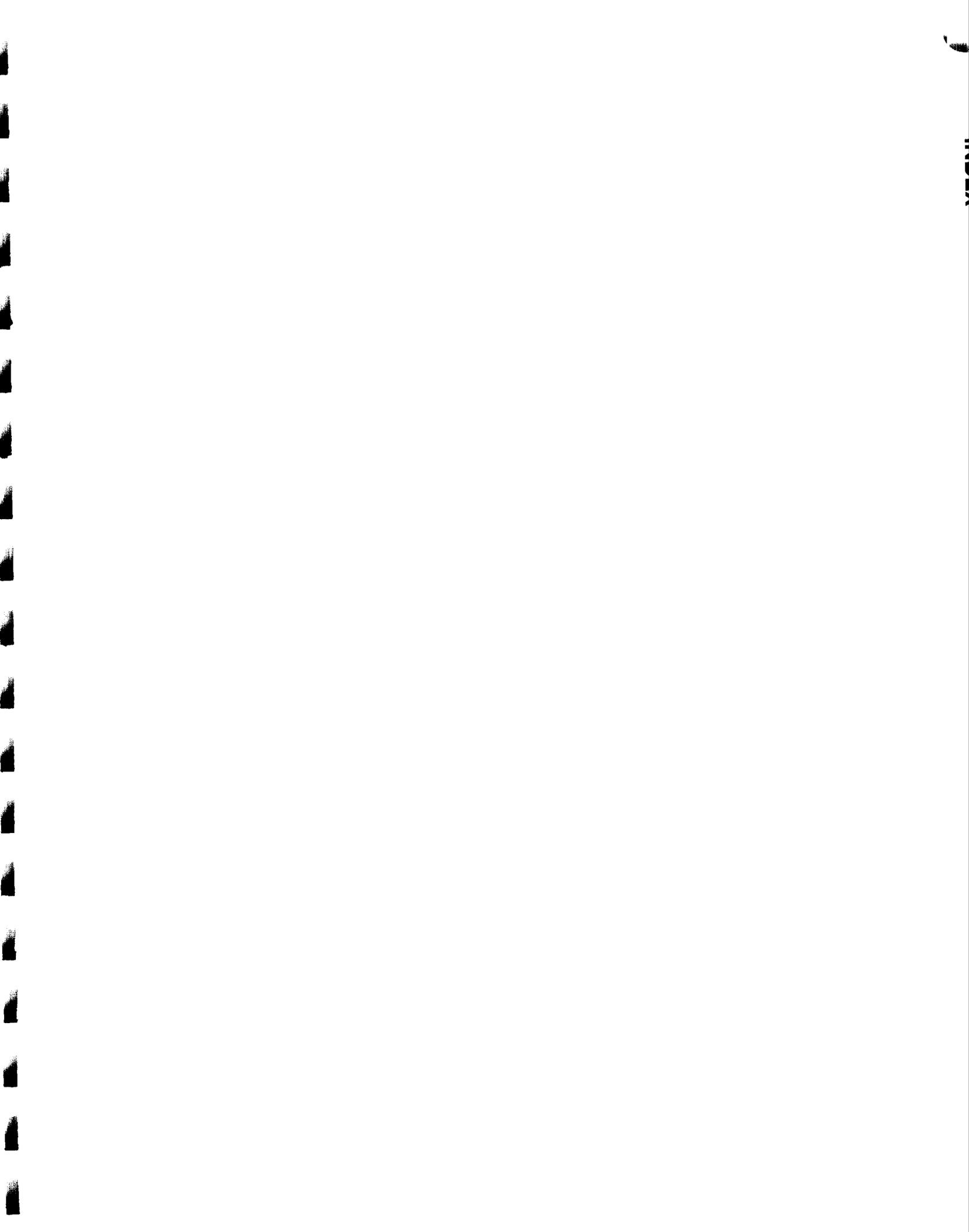


DCN 1510

**BRIEFING ON**

**ALASKA  
MILITARY INSTALLATIONS**

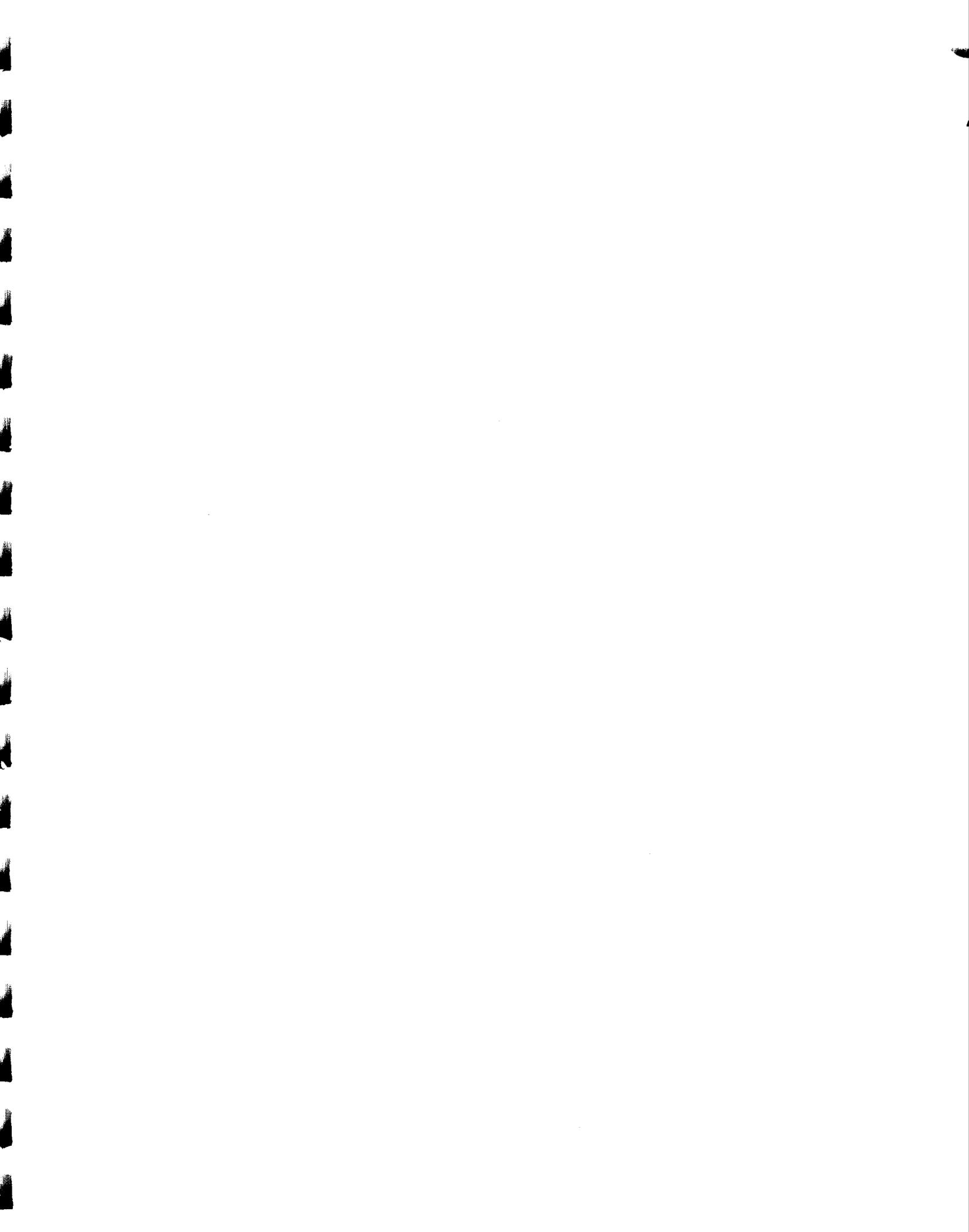
**BRAC '95**



## INDEX

TAB A: UPDATED POWER PROJECTION PLATFORM BRIEFING

TAB B: BASE CLOSURE CONSIDERATIONS





# U.S. ARMY ALASKA



A  
WORLD-CLASS  
POWER PROJECTION  
PLATFORM

FT WAINWRIGHT  
FAIRBANKS

FT GREELY  
DELTA JUNCTION

FT RICHARDSON  
ANCHORAGE

## MILEAGE DISTANCE CHART

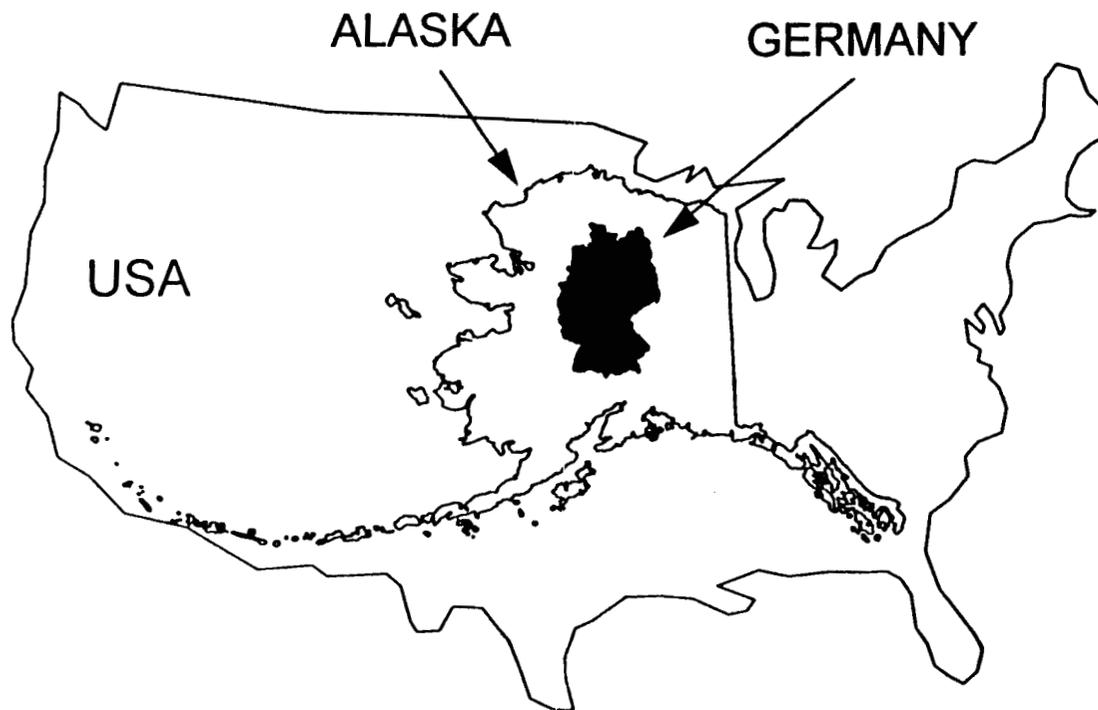
FT RICHARDSON to FT WAINWRIGHT	354
FT WAINWRIGHT to FT GREELY	107
FT GREELY to FT RICHARDSON	319



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# GEOGRAPHIC COMPARISON

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# AGENDA

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- **ALASKA REORGANIZATION OVERVIEW**
- **POWER PROJECTION PLATFORM**
  - ONE INSTALLATION - THREE POSTS
  - TRAINING
  - DEPLOYMENT / MOBILIZATION / RECONSTITUTION
  - SUPPORT (INFRASTRUCTURE)
  - COMMUNITY PARTNERSHIP
- **FORCE EXPANSION CAPABILITY**
- **ENVIRONMENTAL**
- **SUMMARY**



---

# REORGANIZATION OVERVIEW

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## DA / USARPAC GUIDANCE

- REORGANIZE THE 6ID(I) TO A LIB TF BY 30 SEP 94
- LIB TF ORGANIZED WITH LIGHT BATTALIONS
- ANALYZE REQUIREMENTS FOR STOVEPIPE UNITS
- MAINTAIN A GENERAL OFFICER COMMAND
- DO NOT CAUSE A HARDSHIP ON SOLDIERS
- BE SENSITIVE TO CIVILIAN REDUCTIONS
- TURN-IN SHOULD MEET ARMY 10-20 STANDARDS
- DETERMINE ENVIRONMENTAL (COMMUNITY) IMPACT

***ALASKA'S REORGANIZED BRIGADE WILL BE  
CAPABLE OF WORLDWIDE DEPLOYMENT AND TRAINED  
FOR MULTI-ENVIRONMENTAL OPERATIONS***



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# REORGANIZATION OVERVIEW

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## COMMANDER'S INTENT

- MAINTAIN A TRAINED, READY, AND DEPLOYABLE FORCE
- TAKE CARE OF FAMILIES
- TAKE CARE OF PROFESSIONAL DEVELOPMENT NEEDS
- MAXIMIZE USE OF ATTRITION
- MINIMIZE PCS MOVES
- KEEP EVERYONE INFORMED
- ADC-S OVERALL IN CHARGE
- IN THE END: A LIB AND ECHELON ABOVE BRIGADE
  - DEPLOYABLE
  - CAN FIGHT ANYWHERE IN THE WORLD
- MODERNIZE, WINTERIZE, AND "PURE FLEET"



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## REORGANIZATION OVERVIEW

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### HIGHLIGHTS

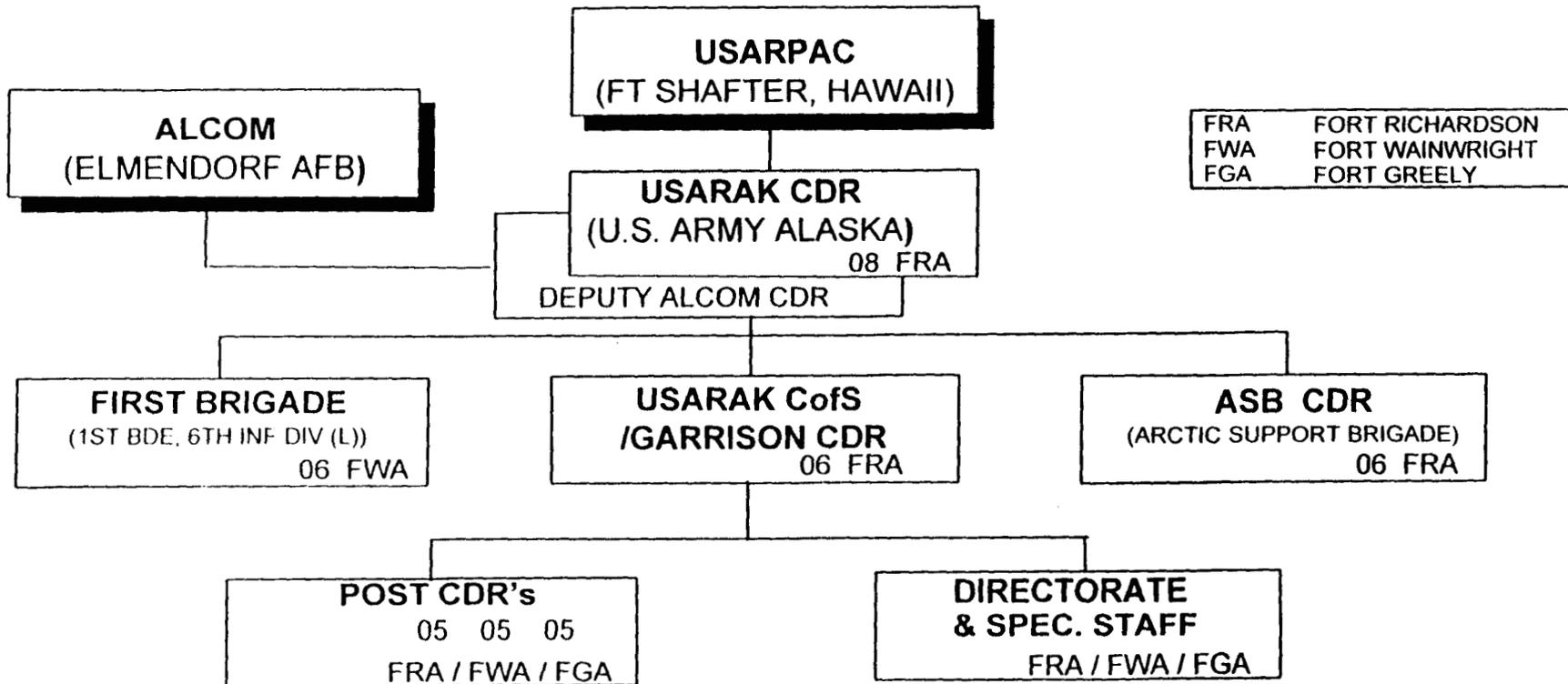
- LIGHT INFANTRY DIVISION REORGANIZED TO A LIGHT INFANTRY BRIGADE TASK FORCE
- C2 RELATIONSHIP WITH ALCOM RETAINED
- ARCTIC SUPPORT BRIGADE (ASB) ESTABLISHED
- DIVISION HEADQUARTERS ELIMINATED
- FORT WAINWRIGHT LOSES ~ 600 MILITARY PERSONNEL
- FORT RICHARDSON LOSES ~ 2,050 MILITARY PERSONNEL



# REORGANIZATION OVERVIEW



## U.S. ARMY ALASKA (USARAK)



### MISSION

COMMAND AND CONTROL US ARMY FORCES IN ALASKA. PROVIDE THE SERVICES, FACILITIES, AND INFRASTRUCTURE TO SUPPORT POWER PROJECTION AND TRAINING TO RAPIDLY DEPLOY US ARMY FORCES FROM ALASKA IN THE CONDUCT OF CONTINGENCY OPERATIONS WITHIN THE PACIFIC THEATER.



# REORGANIZATION OVERVIEW

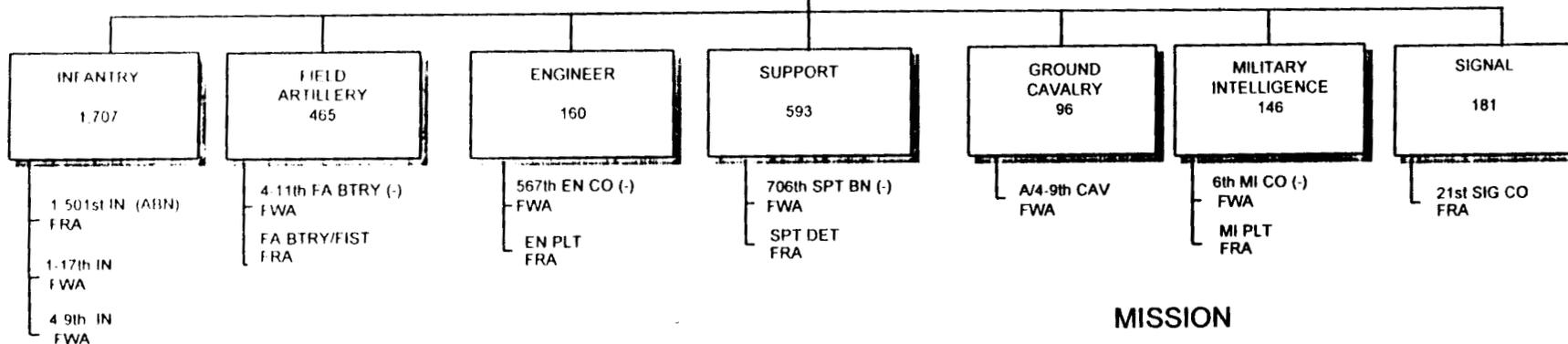


## FIRST BRIGADE 6TH INF DIV (L)

1ST BDE  
COMMANDER  
FWA

FRA FORT RICHARDSON  
FWA FORT WAINWRIGHT  
FGA FORT GREELY

HQ  
299  
FWA



FWA	2,541
FRA	1,106
<b>TOTAL MTOE</b>	<b>3,647</b>

### MISSION

BE PREPARED TO DEPLOY RAPIDLY IN THE PACIFIC THEATER  
AND WORLDWIDE AS DIRECTED IN SUPPORT OF  
CONTINGENCY OPERATIONS, PACIFIC COMMAND'S  
OBJECTIVES, AND THE UNITED STATES' NATIONAL INTERESTS.

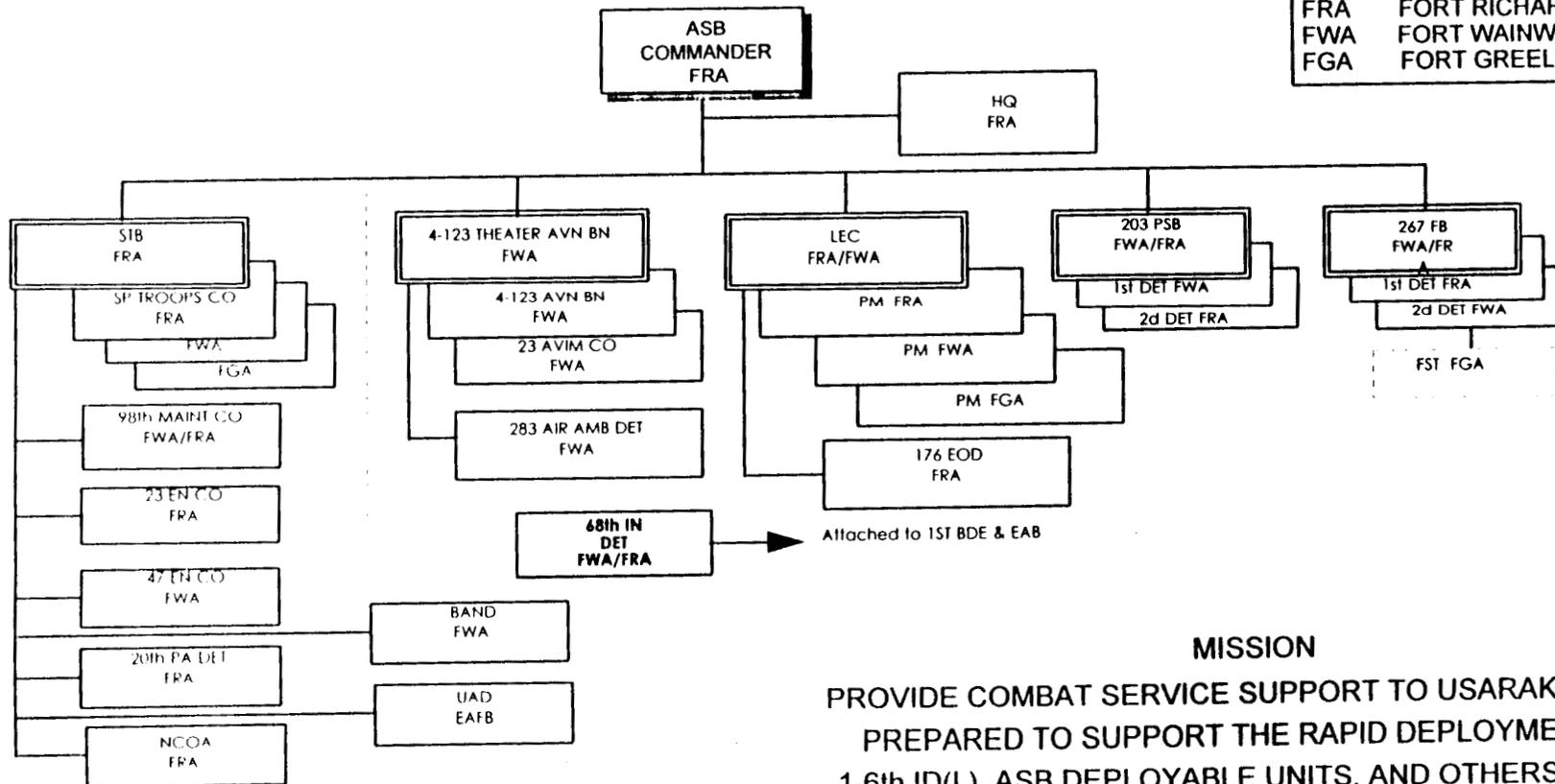


# REORGANIZATION OVERVIEW



## ARCTIC SUPPORT BRIGADE (ASB)

FRA FORT RICHARDSON  
 FWA FORT WAINWRIGHT  
 FGA FORT GREELY



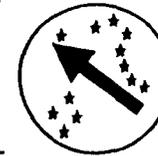
### MISSION

PROVIDE COMBAT SERVICE SUPPORT TO USARAK AND BE PREPARED TO SUPPORT THE RAPID DEPLOYMENT OF 1-6th ID(L), ASB DEPLOYABLE UNITS, AND OTHERS WITHIN THE PACIFIC THEATER AND ELSEWHERE AS DIRECTED TO CONDUCT MILITARY OPERATIONS.

	MTOE	IDA	TOTAL
FRA	171	473	644
FWA	1,034	400	1,448
FGA	0	191	191
	1,419	1,064	2,483



# REORGANIZATION OVERVIEW



## MILITARY & CIVILIAN PERSONNEL SUMMARY

*FY 95 AUTHORIZATIONS  
(& END-OF-YEAR AUTH FOR FY 94)*

	LIB	ASB	TOTAL MTOE	MIL TDA	TDA CIV	TOTAL TDA	TOTAL USARAK
FRA	1,106	371	1,477	473	804	1,277	2,754
FWA	2,541	1,048	3,589	400	494	894	4,483
FGA	0	0	0	191	166	357	357
<b>TOTAL</b>	<b>3,647</b>	<b>1,419</b>	<b>5,066</b>	<b>1,064</b>	<b>1,464</b>	<b>2,528</b>	<b>7,594</b>

	TENANT MIL	TENANT CIV	TOTAL TENANT
FRA	2,365	905	3,270
FWA	803	1,377	2,180
FGA	221	230	451
<b>TOTAL</b>	<b>3,389</b>	<b>2,512</b>	<b>5,901</b>

	TOTAL MIL	TOTAL CIV	TOTAL ALASKA
FRA	4,315	1,709	6,024
FWA	4,792	1,871	6,663
FGA	412	396	808
<b>TOTAL</b>	<b>9,519</b>	<b>3,976</b>	<b>13,495</b>

FRA FORT RICHARDSON  
FWA FORT WAINWRIGHT  
FGA FORT GREELY



# REORGANIZATION OVERVIEW

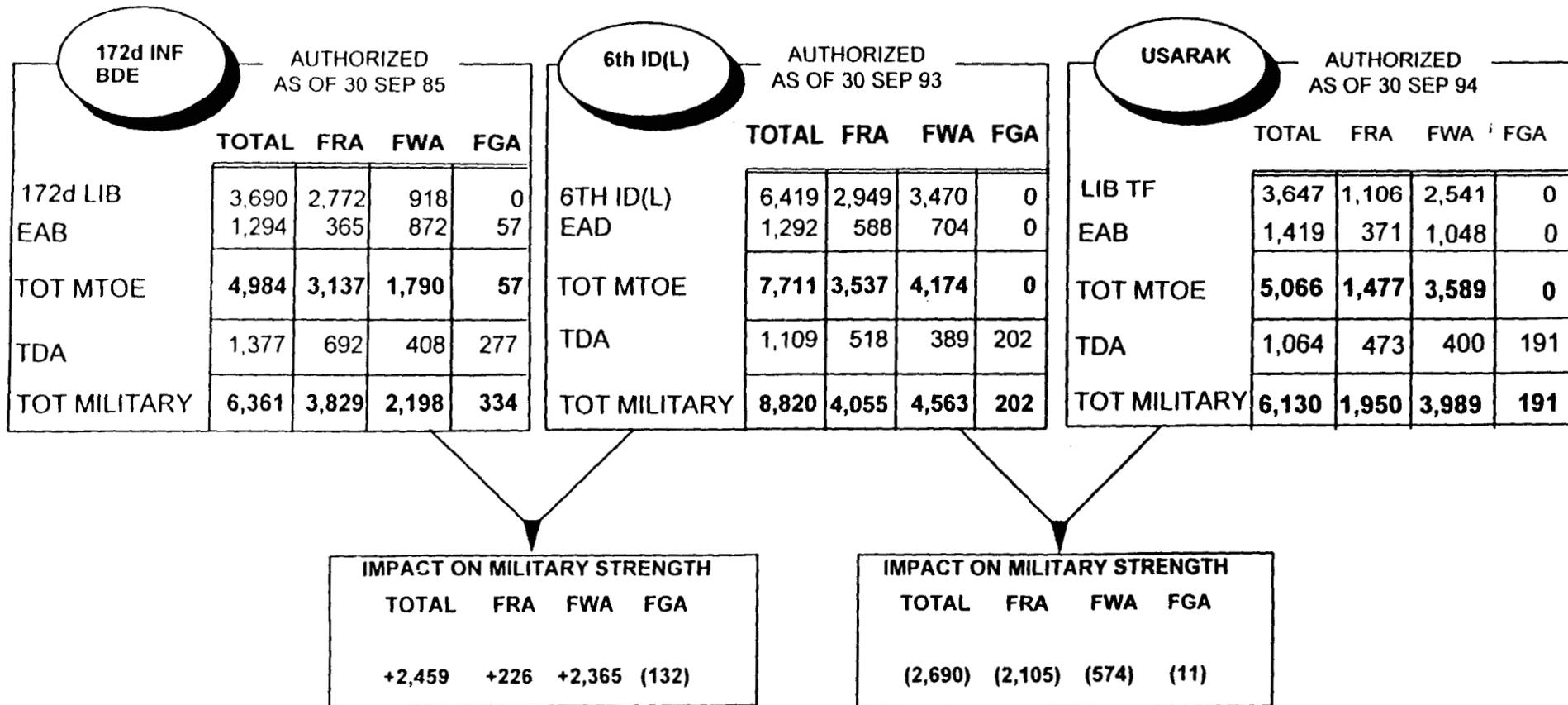


## ALASKA'S FORCE STRUCTURE PAST, PRESENT & FUTURE MILITARY

1975 - 1986

1986 - 1994

1994





# REORGANIZATION OVERVIEW



## SUPPORTING TENANTS

STRENGTH DATA AS OF 30 SEP 93

MACOM	TENANT PERSONNEL	TOTAL		FRA	FRA	FWA	FWA	FGA	FGA
		MIL	CIV	MIL	CIV	MIL	CIV	MIL	CIV
USAF	3RD ASOS - USAF	49	0	15	0	34	0	0	0
USAF	4th WEA DET	33	0	14	0	19	0	0	0
INSCOM	500TH MI BDE RES OFC	2	0	2	0	0	0	0	0
ISC	59th SIG BN	117	108	73	83	26	20	18	5
AAFES	AK AREA EXCHANGE	0	579	0	186	0	348	0	45
PACOM	ALCOM	15	0	15	0	0	0	0	0
AFNS	ARMY BROADCAST	5	0	3	0	0	0	2	0
CID	CID AK FIELD OFC	20	3	12	2	8	1	0	0
DeCA	COMMISSARY	1	140	0	59	1	59	0	22
	CONTRACTORS	0	325	0	150	0	125	0	50
HQDA	DA INTERNS	0	5	0	5	0	0	0	0
HSC	DENTAC	83	11	27	5	48	5	8	1
DoD	DFAS	52	43	28	38	18	5	6	0
AMC	LAO	2	16	1	6	1	10	0	0
HSC	MEDDAC	451	162	46	8	367	148	38	6
NAF	NAF	0	564	0	291	0	214	0	59
FORSCOM	NWTC	63	10	0	0	0	0	63	10
AMC	TMDE	11	0	0	0	7	0	4	0
USALSA	TRIAL DEFENSE	4	0	2	0	2	0	0	0
<b>SUPPORTING TENANTS</b>		<b>908</b>	<b>1,966</b>	<b>238</b>	<b>833</b>	<b>531</b>	<b>935</b>	<b>139</b>	<b>198</b>
		<b>2,874</b>		<b>1,071</b>		<b>1,466</b>		<b>337</b>	



# REORGANIZATION OVERVIEW



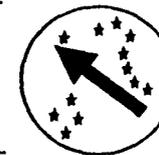
## NON-SUPPORTING TENANTS

STRENGTH DATA AS OF 30 SEP 93

MACOM	TENANT PERSONNEL	TOTAL		FRA		FWA		FGA	
		MIL	CIV	MIL	CIV	MIL	CIV	MIL	CIV
9th ARCOM	1984th USAR HOSP	129	1	0	0	129	1	0	0
9th ARCOM	813th EN BN	334	0	334	0	0	0	0	0
NGB	AK ARMY NATL GUARD	1,873	0	1,739	0	134	0	0	0
COE	AK DIST COE	7	78	4	45	3	33	0	0
BLM	AK FIRE SERVICE	0	385	0	0	0	385	0	0
COE	CRREL	3	9	0	0	3	9	0	0
AMC	CRTC	83	32	1	0	0	0	82	32
	DARR AK REG	1	0	1	0	0	0	0	0
DoD	DIS	2	0	0	0	2	0	0	0
DLA	DRMO	1	13	0	0	1	13	0	0
USAF	EAFB DEF COURIER	3	0	3	0	0	0	0	0
USAREC	MEPS ANCHORAGE	17	11	17	11	0	0	0	0
MTMC	MTMC	1	4	1	4	0	0	0	0
9th ARCOM	RC SPT GP	2	0	2	0	0	0	0	0
NGB	SRAA	25	1	25	1	0	0	0	0
USAR	USAR TECHNICIANS	0	12	0	11	0	1	0	0
	<b>NON-SUPPORTING TENANTS</b>	<b>2,481</b>	<b>546</b>	<b>2,127</b>	<b>72</b>	<b>272</b>	<b>442</b>	<b>82</b>	<b>32</b>
		3,027		2,199		714		114	
<b>TOTAL TENANTS</b>		<b>3,389</b>	<b>2,512</b>	<b>2,365</b>	<b>905</b>	<b>803</b>	<b>1,377</b>	<b>221</b>	<b>230</b>
		5,901		3,270		2,180		451	



# REORGANIZATION OVERVIEW



## COMMUNITY IMPACT ANALYSIS (CIA)

	ALASKA		ANCHORAGE (FRA)		FAIRBANKS (FWA)		DELTA JUNCTION (FGA)	
	FY 93 IMPACT	FY 95 LOSS	FY 93 IMPACT	FY 95 LOSS	FY 93 IMPACT	FY 95 LOSS	FY 93 IMPACT	FY 95 LOSS
ARMY PERSONNEL	9,855	(2,634)	4,353	(2,074)	5,085	(541)	417	(0)
TOTAL HOUSEHOLD	22,539	(6,558)	9,640	(5,164)	11,776	(1,347)	1,123	(0)
SCHOOL AGE CHILDREN	4,070	(1,089)	1,803	(859)	2,091	(222)	176	(0)
OFF-POST HOUSING DEMAND	2,751	(1,653)	1,523	(1,523)	1,220	(130)	8	(0)
	\$ MILLIONS		\$ MILLIONS		\$ MILLIONS		\$ MILLIONS	
LOCAL SALES VOLUME	\$278.1	(\$82.9)	(\$145.2)	(\$69.2)	(\$126.8)	(\$13.5)	(\$6.2)	(\$0.0)
NET GOVERNMENT	\$362.5	(\$100.0)	(\$168.2)	(\$80.1)	(\$180.5)	(\$19.2)	(\$13.8)	(\$0.0)
REVENUES	\$18.3	(\$5.4)	(\$9.2)	(\$4.4)	(\$9.1)	(\$1.0)	(\$0.1)	(\$0.0)

FY 93 IMPACT - REFLECTS SOCIOECONOMIC IMPACT "BEFORE" REORGANIZATION.

FY 95 LOSS - REFLECTS SOCIOECONOMIC IMPACT "AFTER" REORGANIZATION.

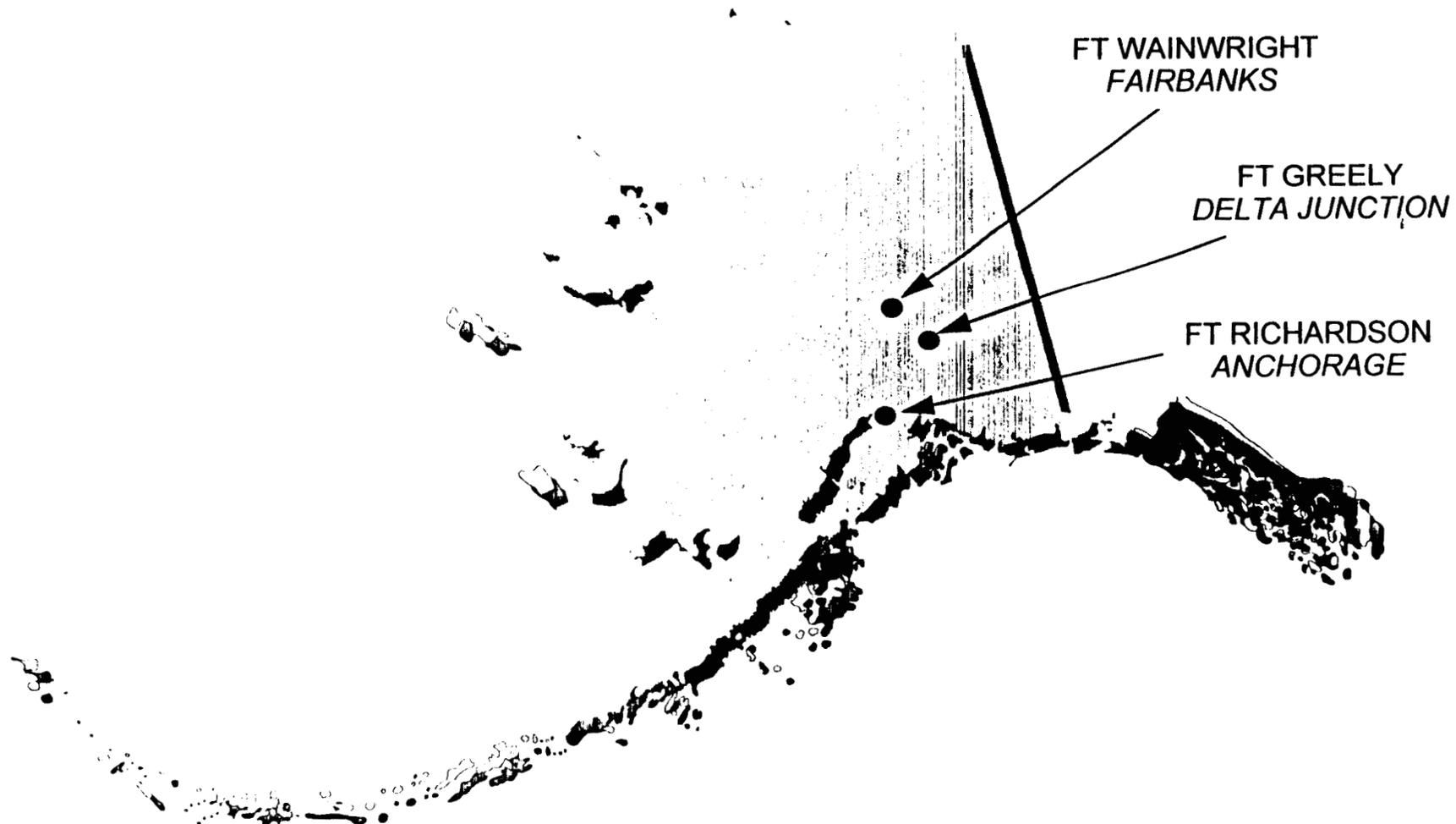
SOURCE: US Army Corps of Engineers, Construction Engineering Research Laboratory,  
Economic Impact Forecasting Systems (EIFS) Model II, version 5.0



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ALASKA  
*ONE INSTALLATION - THREE POSTS*

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# POWER PROJECTION PLATFORM

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*ONE INSTALLATION - THREE POSTS  
EACH POST HAS OWN MISSION*

**FORT RICHARDSON (ANCHORAGE)**

- USARAK HEADQUARTERS (INSTALLATION HEADQUARTERS)
- ARCTIC SUPPORT BRIGADE (ASB) HEADQUARTERS
- AIRBORNE BATTALION TASK FORCE
- C2 FOR ALL OF USARAK
- USARAK LOGISTICS HUB
- MOBILIZATION STATION
- SUPPORT TO USAF & OTHER FEDERAL AGENCIES

**FORT WAINWRIGHT (FAIRBANKS)**

- LIGHT INFANTRY BRIGADE HEADQUARTERS
- C2 FOR LIB TASK FORCE
- MAJOR MANEUVER TRAINING AREA

**FORT GREELY (DELTA JUNCTION)**

- SUSTAINING BASE FOR THE COLD REGIONS TEST CENTER (CRTC) & THE NORTHERN WARFARE TRAINING CENTER (NWTC)
- MAJOR MANEUVER TRAINING AREA

*SIMULTANEOUSLY DEPLOY FORCES FROM BOTH  
FORT RICHARDSON AND FORT WAINWRIGHT*



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# POWER PROJECTION PLATFORM

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## *CENTRALIZED FUNCTIONS PERFORMED AT FORT RICHARDSON*

- COMMAND & CONTROL
- PLANNING & PROGRAMMING
- REAL PROPERTY MASTER PLANNING
- ENGINEERING DESIGN
- ENVIRONMENTAL MANAGEMENT
- CONTRACTING
- INFORMATION MANAGEMENT
- LOGISTICS (*TRANSPORTATION, MAINTENANCE & SUPPLY*)
- WAREHOUSING
- RESOURCE MANAGEMENT
- CIVILIAN PERSONNEL
- FINANCE & ACCOUNTING (DFAS)

*SUPPORTING ALL THREE POSTS*



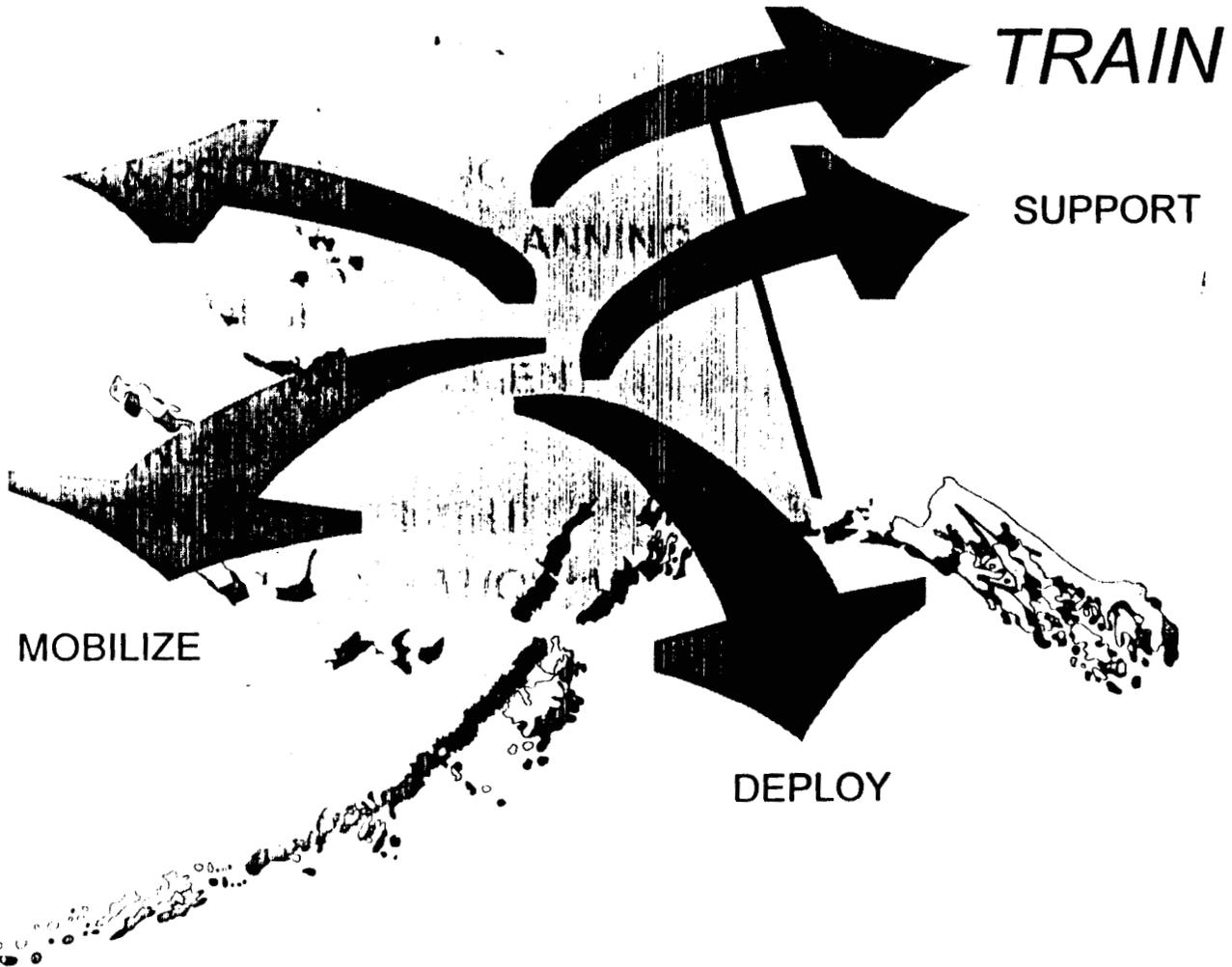
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ALASKA  
*A POWER PROJECTION PLATFORM*

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RECONSTITUTE



*TRAIN*

SUPPORT

MOBILIZE

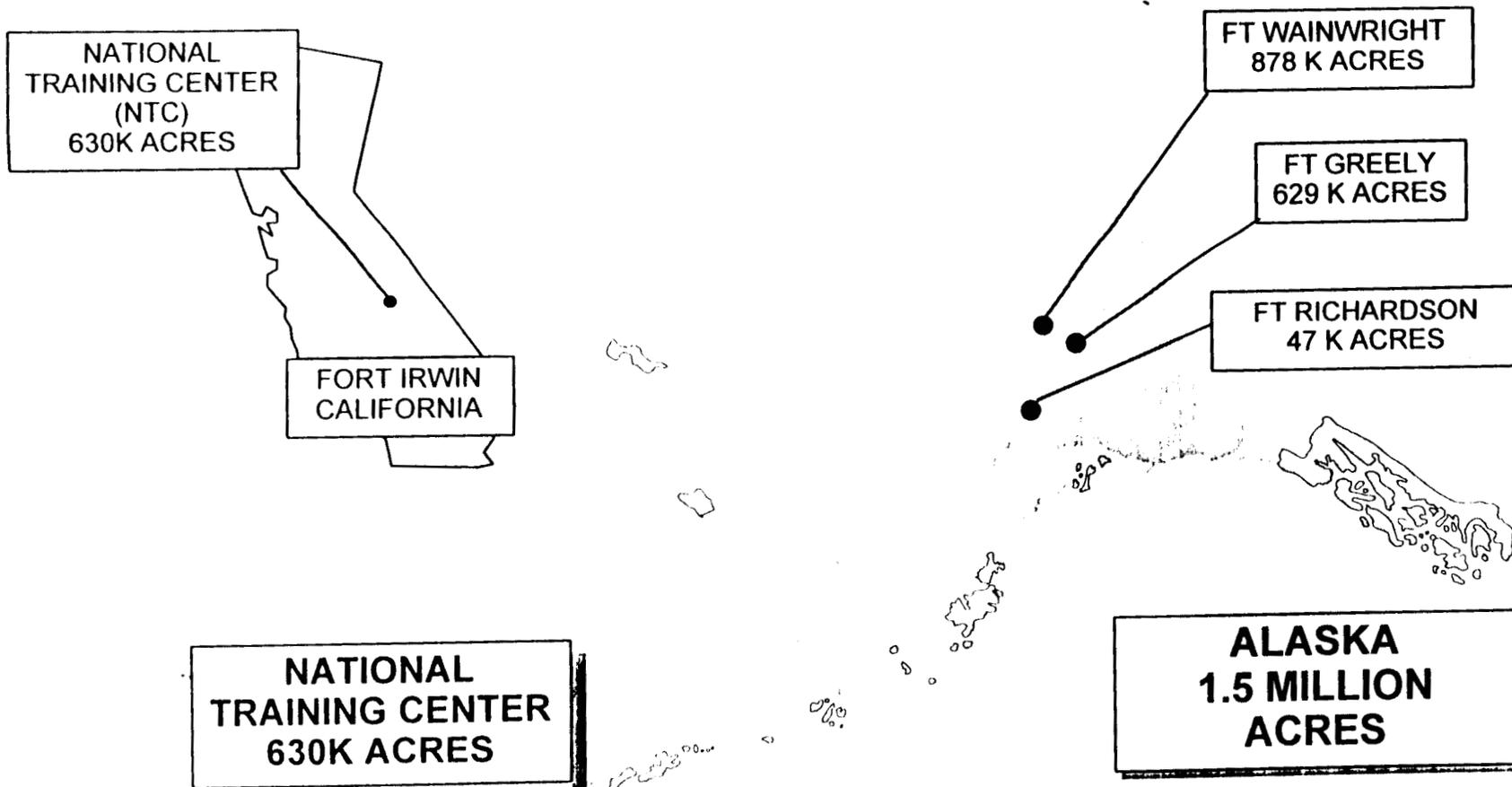
DEPLOY



# POWER PROJECTION PLATFORM



## TRAINING MANEUVER AREA





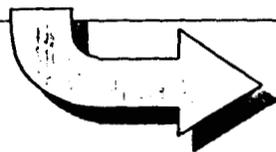
# POWER PROJECTION PLATFORM



## TRAINING MANEUVER AREA

- 1.5 MILLION ACRES (TWICE THAT OF NATIONAL TRAINING CENTER (NTC))
- CORRESPONDING SPECIAL-USE AIRSPACE
- WIDE RANGE OF TERRAIN, VEGETATION & MULTI CLIMATIC CONDITIONS
- VERY FEW RESTRICTIONS
- JOINT TRAINING OPPORTUNITIES
- IMPACT AREAS TO SUPPORT ALL CONVENTIONAL WEAPONS

POST	MANEUVER LAND	JOINT OPERATIONS	DROP ZONE	ASSAULT STRIPS	CONVENTIONAL WEAPONS
RICHARDSON	47 K ACRES	BDE LEVEL	COMPANY	C-130	LIGHT INFANTRY
WAINWRIGHT	878 K ACRES	BDE LEVEL	BATTALION	C-130	LIGHT & HEAVY FORCES
	<i>DIV LEVEL WINTER ONLY</i>				
GREELY	629 K ACRES	BDE LEVEL	COMPANY	C-130	ALL ARMY & USAF & ALLIED SISTER FORCES



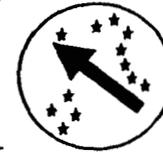
**1.5 MILLION ACRES TOTAL**



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# POWER PROJECTION PLATFORM

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## *JOINT SYNERGY*

- DAY-TO-DAY JOINT TRAINING WITH ALASKA-BASED AIR FORCE & COAST GUARD ELEMENTS
- JOINT PLANNING FOR REAL-WORLD CONTINGENCIES
- VIRTUALLY ALL MAJOR TRAINING EXERCISES INCLUDE CLOSE-AIR & AIRLIFT SUPPORT
- AIRLIFT SUPPORT INCLUDES ASSAULT LANDING STRIPS, AIRBORNE OPERATIONS & PARADROP RESUPPLY
- IMPACT AREAS USED FOR ALL CONVENTIONAL WEAPONS OF DOD & ALLIED SERVICES
- UNSURPASSED FACILITIES FOR ACREAGE, VARIED TERRAIN, LIVE-FIRE SITES AND AIRSPACE
- PROVEN INTEROPERABILITY WITH SUB-UNIFIED COMMAND ALCOM
- UNIQUE SMALL UNIT SPECIAL OPERATIONS FORCES TRAINING



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# POWER PROJECTION PLATFORM

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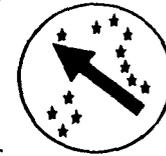


## *TRAINING SUPPORT CAPABILITIES*

- ALL-WEATHER PORTS
- SIX C-5 / C-141 CAPABLE AIRFIELDS (Fort Greely Winter Only)
- RAILROAD SYSTEM
- MAJOR EXERCISE POTENTIAL
  - ACREAGE IS TWICE THAT OF NATIONAL TRAINING CENTER
  - LAND CORRIDOR (Tanana Flats to Fort Greely)
- FIRE ALL CONVENTIONAL WEAPONS
- JOINT SERVICES TRAINING
  - INTERSERVICE SUPPORT
  - JOINT AIR ATTACK TEAM (JAAT)
  - SPECIAL USE AIRSPACE
  - TACTICAL INTERFACE WITH SUSTAINING BASE  
AT ALL THREE POSTS

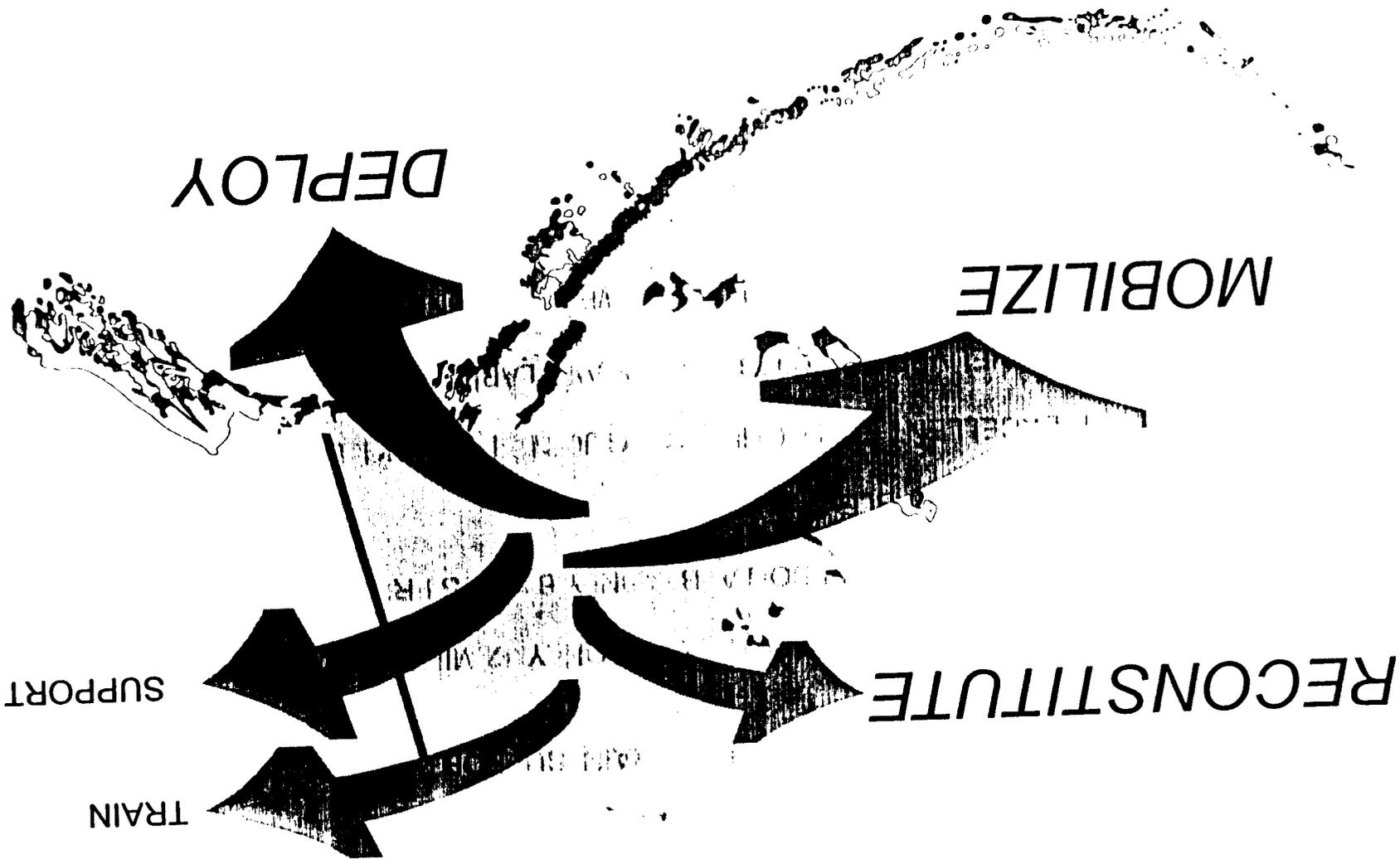


# POWER PROJECTION PLATFORM



## *USARAK TRAINING -- SUMMARY*

- FT RICHARDSON/ELMENDORF AFB CAN RECEIVE, TRAIN, SUPPORT, & DEPLOY UP TO 15,000 SOLDIERS
- FT RICHARDSON IS ADJACENT TO ELMENDORF AFB & ONLY 12 MILES FROM ANCHORAGE AIRPORT
- FT WAINWRIGHT IS 17 MILES FROM EIELSON AFB & ONLY 6 MILES FROM FAIRBANKS AIRPORT
- ALL AIRFIELDS ARE C-5/C-141 CAPABLE
- USARAK RANGES ARE EXCELLENT FOR CONDUCTING JOINT TRAINING UP TO DIVISION-SIZE
- 1.5 MILLION ACRES OF MANEUVER TRAINING AREA IS AVAILABLE IN ALASKA
- ABILITY TO FIRE ALL ARMY & USAF CONVENTIONAL WEAPONS (INCLUDING LASER GUIDED)
- UNSURPASSED FOR ACREAGE, VARIETY OF TERRAIN, & REMOTE LIVE-FIRE TRAINING
- DAY TO DAY JOINT OPERATIONS WITH AIR FORCE & COAST GUARD
- DAY TO DAY INTERFACE WITH US ARMY RESERVE & ALASKA NATIONAL GUARD UNITS



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STRATEGIC POWER PROJECTION

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# POWER PROJECTION PLATFORM



## *DEPLOYABILITY*

- **FIVE MAJOR AIRFIELDS**

- ELMENDORF AFB
- ANCHORAGE INTERNATIONAL
- FORT WAINWRIGHT
- EIELSON AFB
- FAIRBANKS

- **FORT GREELY (C-5 WINTER ONLY)**

- **POLAR ROUTES**

**ALL AIRFIELDS ARE  
C-5 CAPABLE**

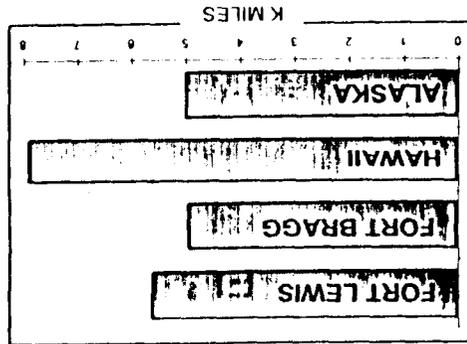
**QUICK RESPONSE  
RAPID DEPLOYMENT**

# POWER PROJECTION PLATFORM

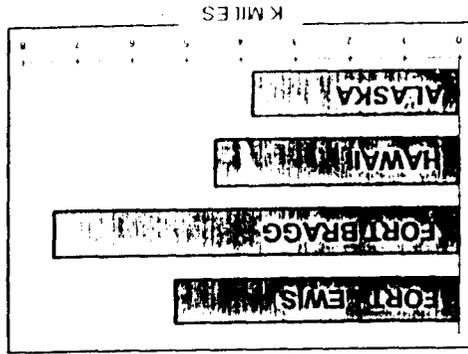


## DEPLOYMENT MILEAGE COMPARISONS

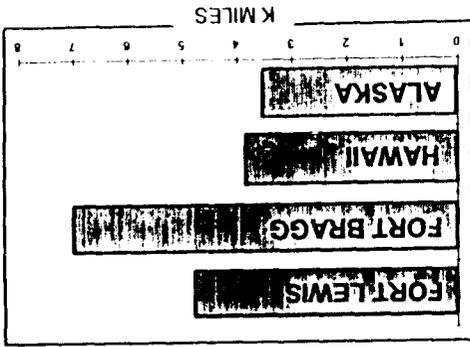
DISTANCE FROM	ALASKA	HAWAII	BRAGG	LEWIS	FORT
BOSNIA	5,000 MI	7,920 MI	4,950 MI	5,630 MI	
SOMALIA	7,760 MI	10,190 MI	8,060 MI	8,900 MI	
SOUTH KOREA	3,790 MI	4,540 MI	7,440 MI	5,200 MI	
JAPAN	3,530 MI	3,850 MI	7,010 MI	4,780 MI	
PHILIPPINES	5,370 MI	5,300 MI	8,830 MI	6,640 MI	



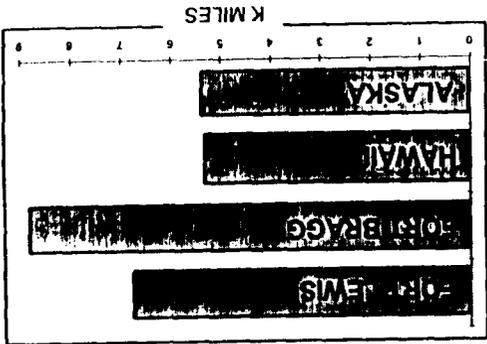
BOSNIA



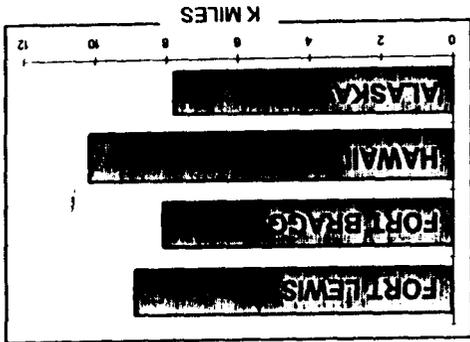
SOUTH KOREA



JAPAN



PHILIPPINES



SOMALIA



# POWER PROJECTION PLATFORM



## MOBILIZATION / DEPLOYMENT

### JOINT MOBILITY COMPLEX (JMC)

- 75,000 SF FACILITY INCLUDING:
  - 750 PAX PASSENGER BUILDING
  - VEHICLE PROCESSING BUILDING WITH  
3 PROCESSING LANES (C-130, C-141, AND C-5)  
& HEAVY DROP RIGGING SITE (HDRS)
  - CHALK MARSHALING AREA
  - FRUSTRATED CARGO AREA
  - COVERED HIGHLINE (OFF LOADING DOCK)
  - FOUR VEHICLE WASHRACK
  - IN-GROUND DEFUELING POINT
  - COMPLETE PARACHUTE RIGGING, MAINTENANCE  
& STORAGE AREA

#### JOINT FUNDING

\$8.4M - ARMY  
\$4.7M - AIR FORCE

#### MILESTONES

AUG 94 95% DESIGN COMPLETE  
SEP 94 CONTRACT AWARD  
JUN 96 CONSTRUCTION COMPLETE

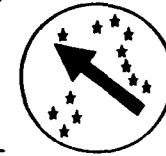
**SIMULTANEOUS DEPLOYMENT FOR AN AIRBORNE / INFANTRY BRIGADE TASK FORCE**



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# POWER PROJECTION PLATFORM

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## *FORCE-ORIENTED LOGISTICS*

- EFFECTIVE TRANSPORTATION NETWORK
  - ALASKA RAILROAD SUPPORT  
*(BETWEEN FORT RICHARDSON & FORT WAINWRIGHT)*
  - COMMERCIAL & MILITARY AIRLIFT
  - ROADS
  - SEALIFT & PORT HANDLING *(FORT RICHARDSON)*
  
- MAINTENANCE EXPERTISE & CAPABILITY
  
- EXTENSIVE STORAGE AND WAREHOUSING  
CAPABILITY *(FORT RICHARDSON)*



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# POWER PROJECTION PLATFORM

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## *RAILROAD SYSTEM*

- RAILHEADS
  - FORT RICHARDSON
  - ANCHORAGE
  - ELMENDORF AFB
  - FAIRBANKS
  - FORT WAINWRIGHT
  - WHITTIER
  - EIELSON AFB
  - SEWARD
  
- PORT CONNECTIONS
  - ANCHORAGE
  - SEWARD
  - WHITTIER - RAIL BARGE CAPABLE
  
- PARALLELS HIGHWAY SYSTEM / TRUCK TRANSFER CAPABILITY
  
- AIR CONNECTIONS
  - ANCHORAGE INTERNATIONAL AIRPORT
  - ELMENDORF AFB
  - FORT WAINWRIGHT ARMY AIRFIELD
  - EIELSON AFB
  - FAIRBANKS INTERNATIONAL AIRPORT (*WITHIN 4 MILES*)

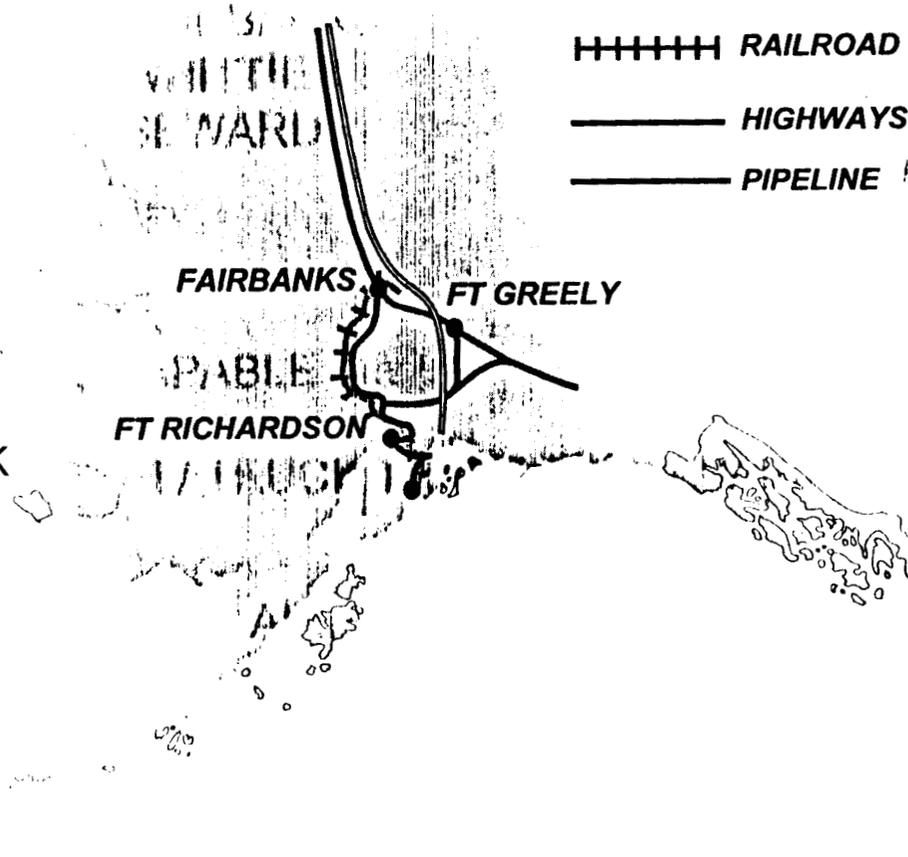


# POWER PROJECTION PLATFORM



## HIGHWAY SYSTEM

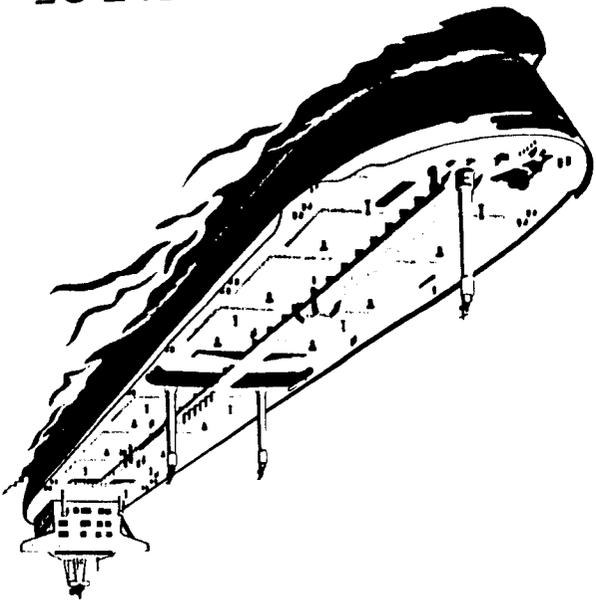
- APPROXIMATELY 8,000 MILES OF HIGHWAY
- PRINCIPAL ROAD NETWORK IN SOUTH CENTRAL ALASKA
- PROVIDES EFFECTIVE AIR, SEA, & RAIL CONNECTIONS
- PARALLELS RAILROAD NETWORK



SITKA  
KETCHIKAN  
JUNEAU  
DUTCH HARBOR  
KODIAK

OTHER PORTS

ALL PORTS CAPABLE OF  
HANDLING VESSELS  
UP TO 25' DRAFT



ALASKA DEEP WATER PORTS

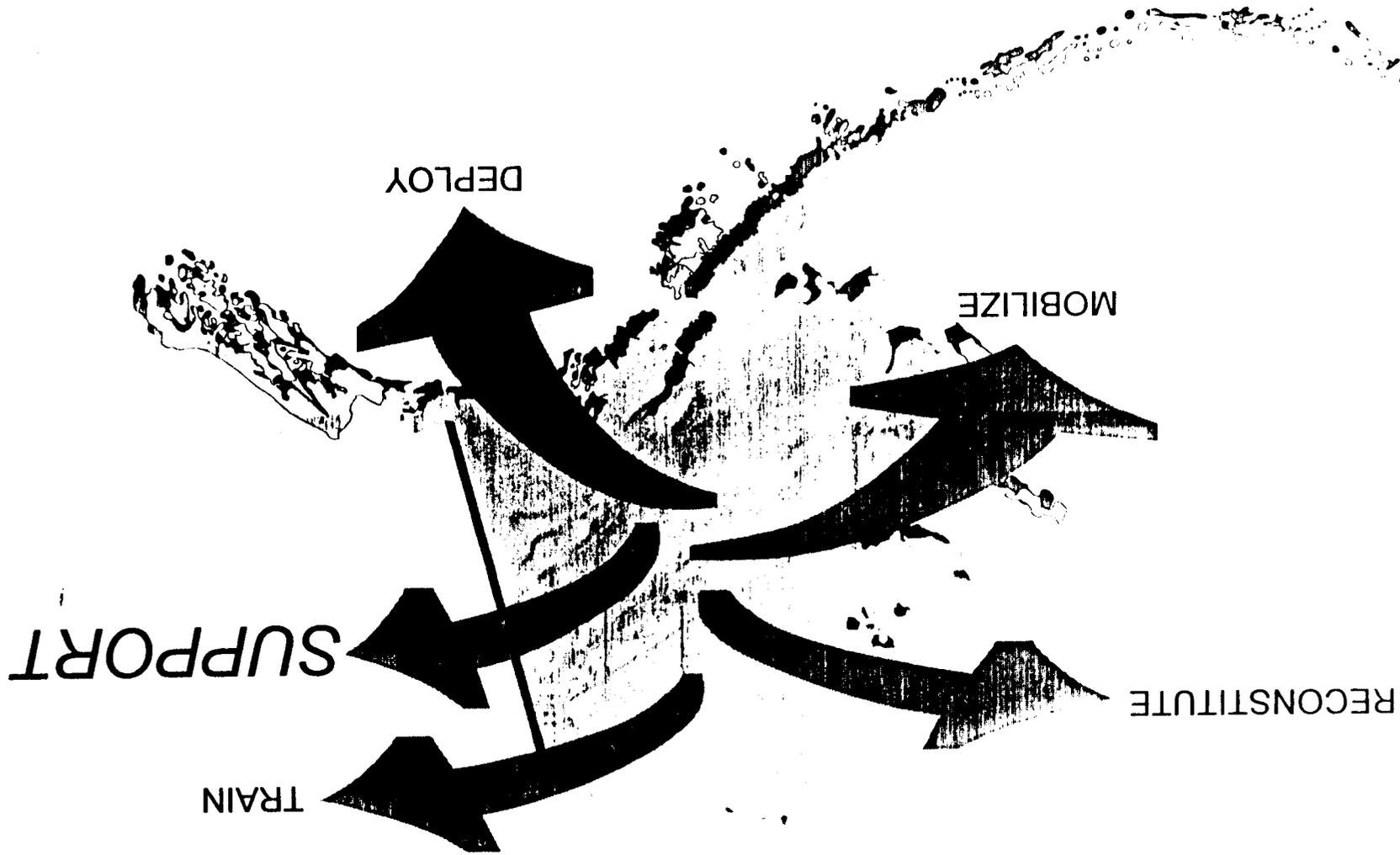
ANCHORAGE  
SEWARD  
WHITTIER  
VALDEZ  
(75' DRAFT)

PRIMARY PORTS



POWER PROJECTION PLATFORM





POWER PROJECTION PLATFORM





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## POWER PROJECTION PLATFORM

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### *FORT RICHARDSON SPECIAL/UNIQUE FACILITIES & CAPABILITIES*

- AIRBORNE TRAINING/  
SUSTAINMENT
- BATTLE SIMULATION CENTER
- JOINT MOBILITY COMPLEX (FY96)
- RETS RANGES
- MIL OPS IN URBAN TERRAIN  
(MOUT) / LIVE-FIRE
- GLACIER TRAINING
- RESERVE CENTER
- NATIONAL GUARD ARMORY (HQ)
- USARAK LOGISTICS &  
TRANSPORTATION CENTER
- PRIMARY STAFF PROPONENCY
- ASSAULT LANDING STRIPS
- CONFINEMENT FACILITY
- DATA PROCESSING FACILITY
- SUPPLIER OF SERVICES TO  
OTHER GOVERNMENT  
AGENCIES
- ADEQUATE FAMILY HOUSING &  
OFF-POST RENTALS
- ADEQUATE LABOR POOL
- NO COST LANDFILL
- PRINT PLANT
- MOBILIZATION FACILITIES
- EXPANSION CAPABILITY
- ASB HEADQUARTERS



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## POWER PROJECTION PLATFORM

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### *FORT WAINWRIGHT SPECIAL/UNIQUE FACILITIES & CAPABILITIES*

- BLAIR LAKES TRAINING AREA
- YUKON TRAINING AREA
- NEW BATTLE SIMULATION CENTER
- RETS RANGE
- MOUT TRAINING
- VAST SPECIAL USE AIR SPACE
- RESERVE CENTER
- 550 UNITS LEASED (801) FAMILY HOUSING
- NEW PHYSICAL FITNESS CENTER
- POWER PLANT
- ASSAULT LANDING STRIPS
- BUREAU OF LAND MANAGEMENT (BLM)
- AIRBORNE TRAINING
- LADD ARMY AIRFIELD
- UH-60 FLIGHT SIMULATOR TRAINING
- 6TH LIB HEADQUARTERS
- LARGEST ARCTIC TRAINING CENTER

ONLY US MILITARY POST LOCATED  
WITHIN THE COLD TRIANGLE  
OF NORTH AMERICA

- VAST SPECIAL USE AIRSPACE
- ASSAULT LANDING STRIP
- MOUNTAINERING TRAINING
- TEXAS CONDO FOR TESTING
- RANGES ACCOMMODATE 9MM  
TO MULTIPLE ROCKET  
LAUNCHER SYSTEM
- EXCELLENT JOINT TRAINING  
CAPABILITIES
- LARGEST EMPLOYER IN AREA

- ALLEN ARMY AIRFIELD
- GLACIER TRAINING  
CENTER
- NEW BLACK RAPIDS TRAINING  
TRAINING CENTER (NWTC)
- NORTHERN WARFARE  
FACILITY
- NEW BOLIO LAKE TEST  
(CRTC)
- COLD REGIONS TEST CENTER

FORT GREELY SPECIAL / UNIQUE FACILITIES & CAPABILITIES

POWER PROJECTION PLATFORM





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# POWER PROJECTION PLATFORM

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## *FORCE-ORIENTED COMMUNICATIONS*

- ARMY'S ONLY SEAMLESS COMMUNICATIONS CAPABILITY FOR DEPLOYED FORCES
- STANDARD INFORMATION MANAGEMENT (DOIM) SIGNAL BATTALION WITH KEY ADDITIVES:
  - ALASKA TRANSPORTABLE SATELLITE SYSTEM (ATSS) PROVIDES LONG-HAUL CONNECTIVITY FROM SUSTAINING BASE TO DEPLOYED FORCES
  - MOBILE SUBSCRIBER EQUIPMENT (MSE) PROVIDES REAL-TIME, REAL-WORLD INTERFACE TO ALL AUTOMATION & COMMUNICATIONS NETWORKS

***USARAK C3 PROVIDES DEPLOYED COMMANDER ACCESS TO ALL INFORMATION NETWORKS AVAILABLE IN GARRISON***



# POWER PROJECTION PLATFORM



SOLDIER SUPPORT SERVICES	FORT	FORT	FORT
	RICHARDSON	WAINWRIGHT	GREELY
AAFES/COMMISSARY SHOPPING COMPLEX	X	X	X
HOSPITAL SERVICES	X	X	
PHYSICAL FITNESS CENTER	X	X	X
LAUNDRY & DRY CLEANING	X	X	
YOUTH CENTER	X	X	X
THEATRE	X	X	X
GOLF COURSE	X	X	
SKI SLOPE	X	X	X
CRAFT SHOPS (Auto, Ceramic, Wood, and Framing)	X	X	X
OUTDOOR ACTIVITIES: (Camping, Fishing, Hunting, & Boating)	X	X	X
BOWLING CENTER (Snack Bar & Entertainment)	X	X	X
POST OFFICE (Full Service)	X	X	X
CHILD DEVELOPMENT CENTER	X	X	X
LIBRARY	X	X	X
SKEET RANGE	X	X	X
RV PARK	X		
RECREATION CAMP	X		



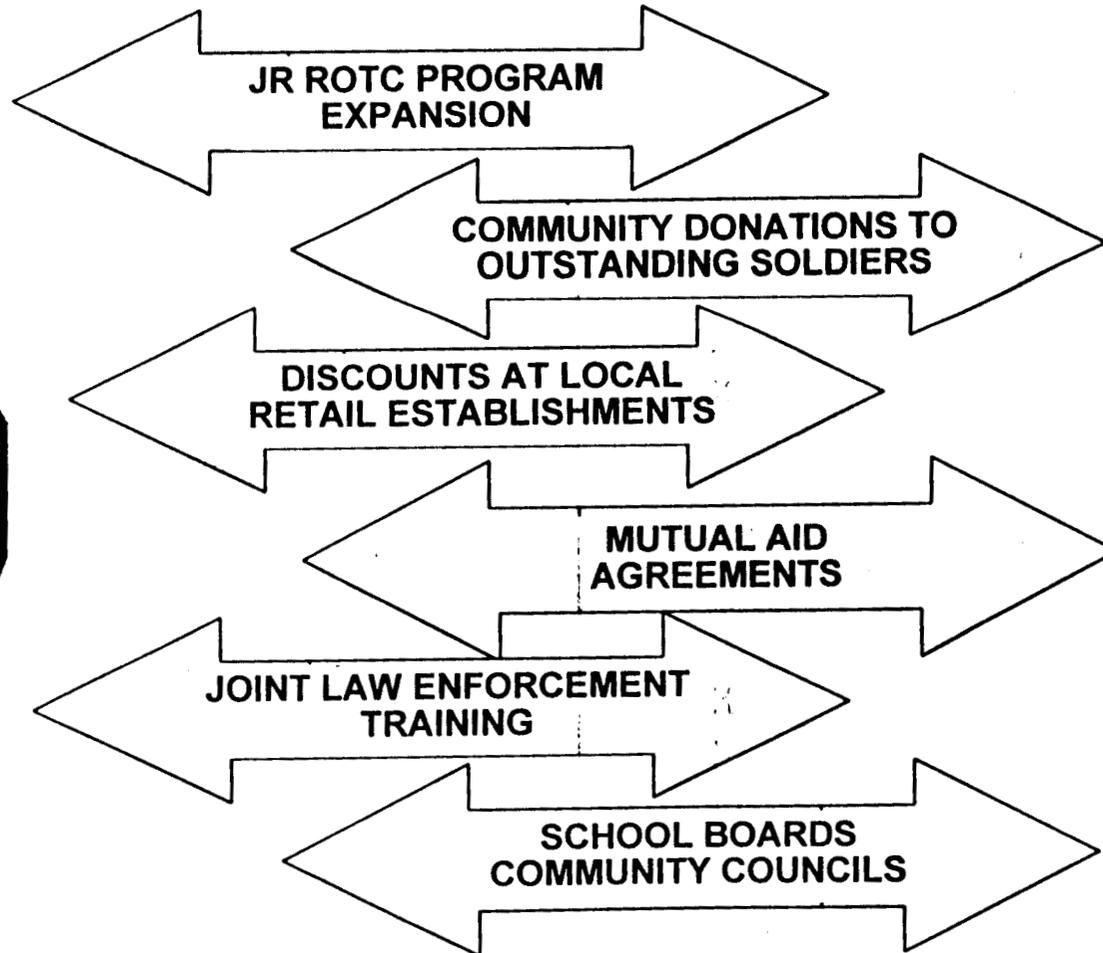
# POWER PROJECTION PLATFORM



## COMMUNITY PARTNERSHIP



ANCHORAGE  
FAIRBANKS  
DELTA JUNCTION



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# POWER PROJECTION PLATFORM

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## *COMMUNITY PARTNERSHIP*

### **EMERGENCY OPERATIONS**

- MAJOR AIR DISASTER RESPONSE
- EARTHQUAKE RESPONSE
- OIL SPILL RESPONSE
- HAZARDOUS MATERIALS RESPONSE
- INCREASED-READINESS OPERATIONS
- CRISIS RELOCATION
- SHELTER OPERATIONS
- SEARCH AND RESCUE OPERATIONS



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# POWER PROJECTION PLATFORM

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## *COMMUNITY PARTNERSHIP*

### **CIVIL & MILITARY LAW ENFORCEMENT**

- JOINT TRAINING -- DRUG & BOMB DETECTION/DESTRUCTION
- SPECIAL RESPONSE TEAM (SRT)
- CIVILIAN & MILITARY INVESTIGATIONS
- CIVILIAN & MILITARY DISCIPLINARY REVIEW BOARD
- MILITARY REPRESENTATIVES ON SELECTED COMMUNITY COUNCILS

### **EXPLOSIVE ORDNANCE DISPOSAL**

- ASSISTS U.S. FOREST SERVICE
- MONITOR USE OF WEAPONS FOR AVALANCHE CONTROL PROGRAM  
(ALASKA RAILROAD, DEPT OF NATURAL RESOURCES, FOREST SERVICE)
- RESPOND TO LOCAL & STATEWIDE REQUESTS FOR ORDNANCE DISPOSAL SERVICES



# POWER PROJECTION PLATFORM



## COMMUNITY PARTNERSHIP

USARAK MAJOR SUPPLIER OF INTERSERVICE SUPPORT

AGENCY RECEIVING SUPPORT	# ISA'S	TOTAL VALUE (\$000)
OTHER ARMY	31	\$11,800.0
AIR FORCE	27	\$3,200.0
NAVY	9	\$49.0
OTHER DoD	12	\$2,000.0
OTHER FEDERAL AGENCIES	43	\$700.0
STATE OF ALASKA	16	\$68.0
<b>TOTAL</b>	<b>138</b>	<b>\$17,800.0</b>

- APPROXIMATELY 40% REIMBURSABLE
- COMMUNITY RELIANCE ON MUTUAL-AID SUPPORT
- IN-KIND SUPPORT INCLUDES:
  - FIREFIGHTING (BLM)
  - SAR OPERATIONS
  - AF HANGAR & STAGING AREAS
  - HVY EQUIP LOANS
  - OIL SPILL RESPONSE (NAVY & CG)
  - AMMO STORAGE (AF)
  - ENVIRONMENTAL STEWARDSHIP
  - NATURAL RESOURCES CONSERVATION
- COST AVOIDANCE SAVINGS EXCEEDS \$15M ANNUALLY

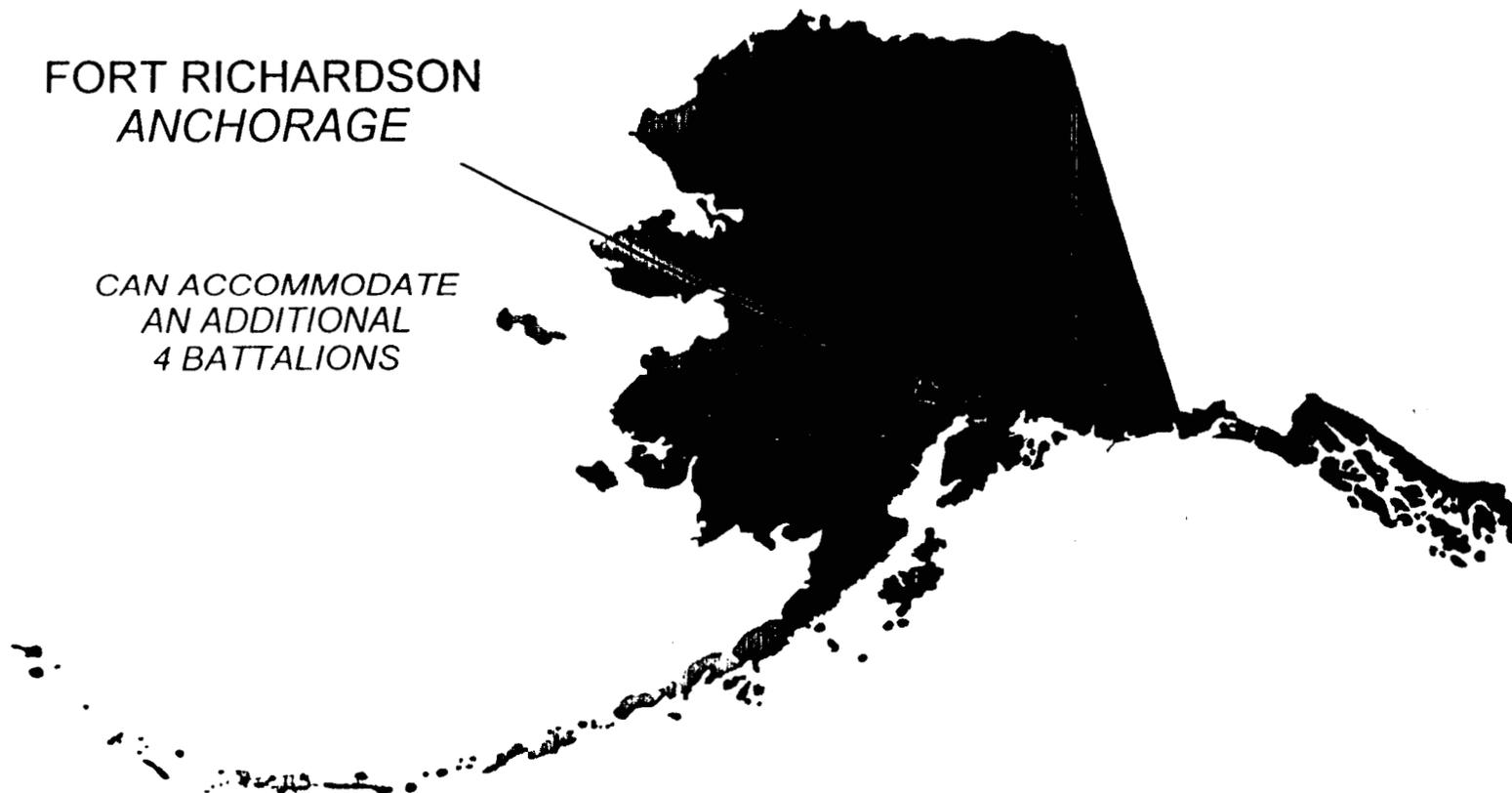


# FORCE EXPANSION CAPABILITY



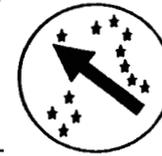
FORT RICHARDSON  
ANCHORAGE

CAN ACCOMMODATE  
AN ADDITIONAL  
4 BATTALIONS

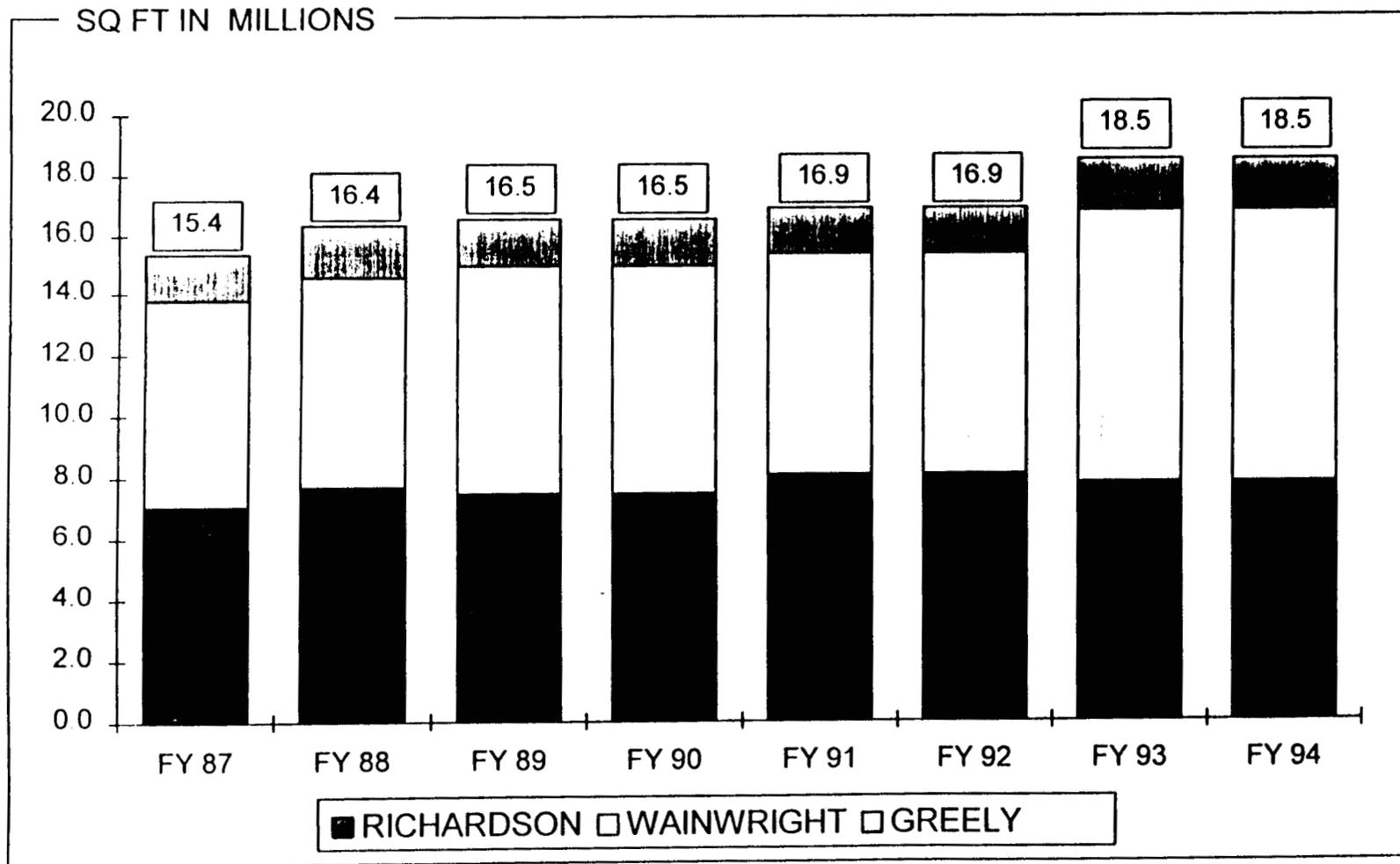




# FORCE EXPANSION CAPABILITY



## REAL PROPERTY MAINTAINED





# FORCE EXPANSION CAPABILITY



## REAL PROPERTY ASSESSMENT

CATEGORY	# FACILITIES			THOUSANDS SQUARE FEET			AVERAGE AGE		
	FRA	FWA	FGA	FRA	FWA	FGA	FRA	FWA	FGA
BARRACKS	36	40	11	752	1,132	268	40	29	28
MAINTENANCE	36	32	18	662	1,026	164	38	33	31
ADMINISTRATIVE	8	11	3	362	302	54	40	37	34
SUPPLY / STORAGE	117	93	44	1,318	608	148	43	27	28
OPERATIONS	58	68	31	1,227	1,174	262	30	26	25
TRAINING	8	26	13	55	39	10	22	10	14
FAMILY HOUSING	271	468	67	3,102	4,105	700	41	12*	24
<b>TOTAL</b>	<b>534</b>	<b>738</b>	<b>187</b>	<b>7,478</b>	<b>8,386</b>	<b>1,606</b>	<b>36</b>	<b>25</b>	<b>26</b>

\* INCLUDES 801 LEASED HOUSING



# FORCE EXPANSION CAPABILITY

## MAJOR CONSTRUCTION PROJECTS TOTALING \$117,194 K



(\$000)

FORT RICHARDSON	BUCKNER FIELD HOUSE RENOVATION	CONST	\$7,586	
	NEW YOUTH CENTER	CONST	\$3,881	
	RESERVE CENTER	CONST	\$8,343	
	WHOLE NEIGHBORHOOD REVITALIZATION	CONST	\$13,913	
	BRANCH EXCHANGE/CONVENIENCE	94	\$2,500	
	JOINT MOBILITY COMPLEX	94	\$8,400	
	WHOLE NEIGHBORHOOD REVITALIZATION	95	\$5,000	
	SEWARD MILITARY REC CAMP	95	\$9,500	
	ROAD IMPROVEMENTS	95	\$1,300	\$60,423
FORT WAINWRIGHT	GENERAL PURPOSE WAREHOUSE	CONST	\$1,775	
	AUTO WATER SPRINKLER, HANGAR 1	CONST	\$5,687	
	GOLF COURSE EXPANSION	CONST	\$2,889	
	GOLF CLUBHOUSE RENOVATION	94	\$674	
	WASTE OIL DISPOSAL	94	\$740	
	WHOLE NEIGHBORHOOD REVITALIZATION	94	\$5,247	
	WHOLE NEIGHBORHOOD REVITALIZATION	95	\$8,300	
	CHPP EMISSION REDUCTION	95	\$11,000	
	RAILROAD CROSSING UPGRADE	95	\$860	
	WHOLE BARRACKS RENEWAL	95	\$8,000	
POWER PLANT COAL PREHEAT	95	\$1,350		
MOD RECORD FIRE RANGE	96	\$3,100		
	RESERVE CENTER	97	\$5,149	\$54,771
FORT GREELY	INCINERATOR FACILITY	95	\$2,000	\$2,000



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# ENVIRONMENTAL

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## *HISTORIC SITES*

FORT RICHARDSON	→	NATIONAL CEMETERY
FORT WAINWRIGHT	→	LADD ARMY AIRFIELD
FORT GREELY	→	SULLIVAN ROADHOUSE
FORT GREELY	→	PTARMIGAN CREEK CABIN ( <i>NOMINATED</i> )

## *CONTAMINATED SITES*

		# IRP SITES	# NPL SITES
FORT RICHARDSON	→	66	1
FORT WAINWRIGHT	→	92	1
FORT GREELY	→	42	0

IRP - INSTALLATION RESTORATION PROGRAM

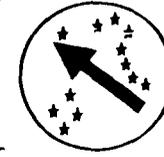
NPL - NATIONAL PRIORITY LIST



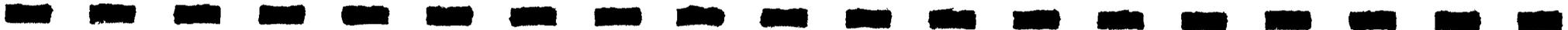
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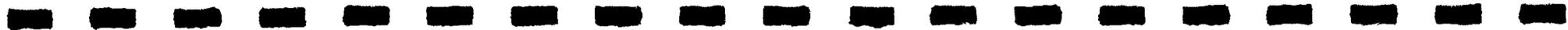
## SUMMARY

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- **USARAK IS A NATIONAL MILITARY ASSET - - A LEADING POWER PROJECTION PLATFORM OF THE 21st CENTURY**
- **USARAK TRAINING & SUSTAINMENT CAPABILITIES PROVIDE A QUALITY ENVIRONMENT FOR A TRAINED/READY FORCE**
- **USARAK WILL CONTINUE TO BE AN INTEGRAL SUSTAINING ELEMENT OF THE ALASKAN ECONOMY**
- **STRONG COMMUNITY RELATIONSHIPS ARE THE CORNERSTONE FOR OUR SYNERGISTIC PARTNERSHIP**



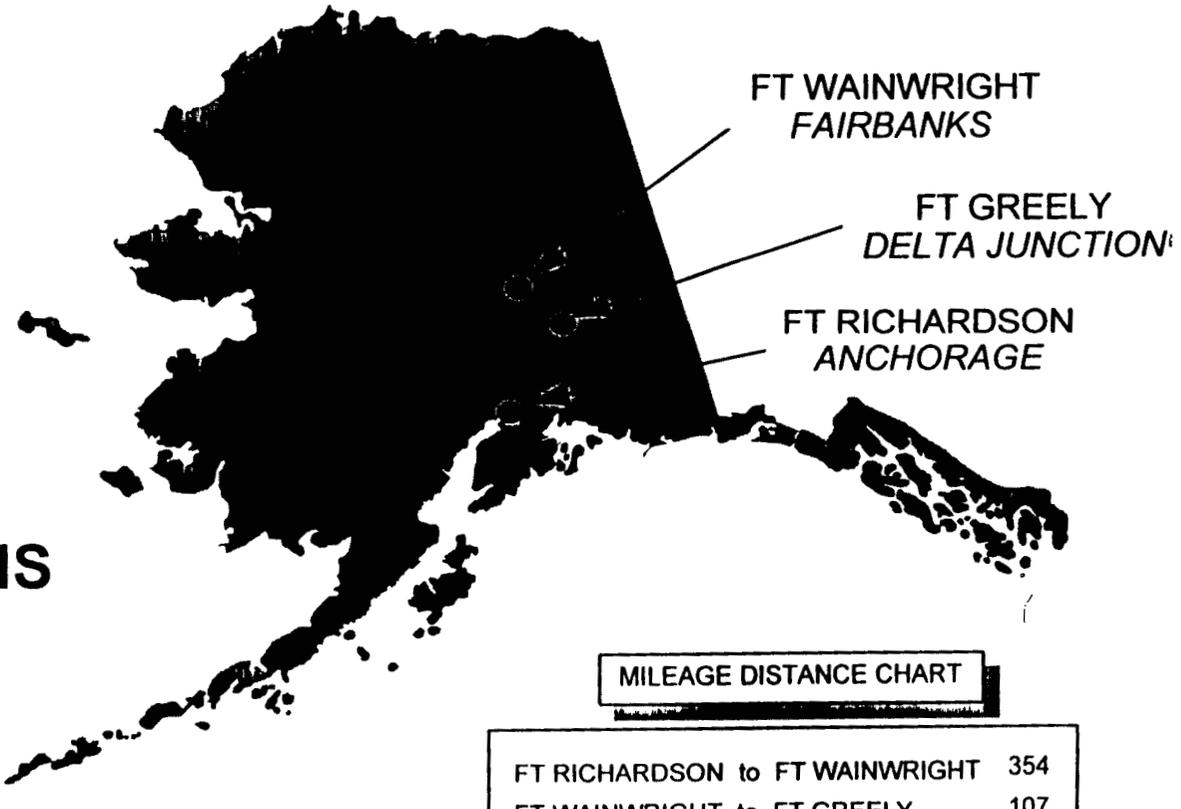




# U.S. ARMY ALASKA



## BASE CLOSURE CONSIDERATIONS



### MILEAGE DISTANCE CHART

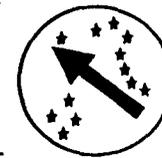
FT RICHARDSON to FT WAINWRIGHT	354
FT WAINWRIGHT to FT GREELY	107
FT GREELY to FT RICHARDSON	319



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## FORT RICHARDSON CONSIDERATIONS

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### **FOR KEEPING ONLY FORT RICHARDSON:**

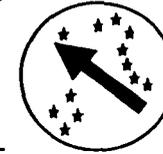
- USARAK LOGISTICS & TRANSPORTATION CENTER
- GOOD DEPLOYMENT CAPABILITIES (NEW JOINT MOBILITY COMPLEX - FY 96)
- STORAGE AND WAREHOUSING CAPACITY, INCLUDING WARM STORAGE
- BASE SUPPORT TO NEW ALASKA NATIONAL GUARD HQS FACILITY AND NEW ARMY RESERVE CENTER
- CONTIGUOUS LOCATION WITH ELMENDORF AFB (EAFB) & ALASKAN COMMAND (ALCOM) HQ
- PROVIDES MANY CENTRALIZED BASOPS FUNCTIONS FOR USARAK
- SUPPLIER OF SERVICES TO USAF & OTHER GOVERNMENT AGENCIES
- ADEQUATE LABOR POOL FOR REQUIRED BASOPS PERSONNEL
- ADEQUATE FAMILY HOUSING & OFF-POST RENTALS
- DATA PROCESSING FACILITY FOR USARAK
- COMMUNICATIONS NET HUB/SUPPORT FOR USARAK
- QUALITY MEDICAL CARE FROM NEW MEDICAL HOSPITAL AT EAFB (FY 97)
- IMMEDIATE ACCESS TO ALASKA'S PRIMARY SEA, AIR, RAIL & ROAD FACILITIES



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## FORT RICHARDSON CONSIDERATIONS

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### **AGAINST KEEPING ONLY FORT RICHARDSON:**

- WOULD REQUIRE RELOCATION OF 58% OF ARMY FORCE STRUCTURE IN ALASKA
- INADEQUATE TRAINING MANEUVER AREA FOR BRIGADE SIZE FORCE, ARTILLERY LIVE FIRE ONLY DURING WINTER MONTHS
- LESS FAVORABLE AS COLD WEATHER TRAINING BASE
- SPECIAL USE AIR SPACE MORE LIMITED
- AVERAGE AGE OF BUILDINGS OLDER THAN FORT WAINWRIGHT
- LIMITED FACILITIES FOR AVIATION UNITS, NO FLIGHT SIMULATOR, NO HANGARS FOR CH-47
- ECONOMIC LOSS IMPACT LESS TO ANCHORAGE THAN LOSS OF FORT WAINWRIGHT TO FAIRBANKS
- BUYOUT OF 801 HOUSING AT FORT WAINWRIGHT IS PUNITIVE (ESTIMATE OF \$80M)



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## FORT WAINWRIGHT CONSIDERATIONS

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### **FOR KEEPING ONLY FORT WAINWRIGHT:**

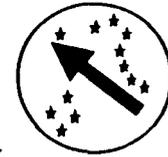
- BETTER USE OF MANEUVER TRAINING AREAS
- MOST FAVORABLE AS EXTREME COLD WEATHER TRAINING BASE
- VAST SPECIAL USE AIR SPACE SUPPORTIVE OF JOINT TRAINING
- NEW MISSION SUPPORT FACILITIES SUCH AS BATTLE SIMULATION CENTER AND VEHICLE MAINTENANCE FACILITIES
- EXCELLENT AVIATION MAINTENANCE FACILITIES, NEW UH-60 FLIGHT SIMULATOR CENTER AND AVAILABILITY OF LADD ARMY AIRFIELD
- MANY MODERNIZED AND IMPROVED FACILITIES SINCE DIVISION BUILD-UP
- NEW QOL FACILITIES TO INCLUDE PHYSICAL FITNESS CENTER, COMMISSARY, PX, CHILD DEVELOPMENT CENTER, CLUB, CHAPEL
- 550 UNITS OF 801 LEASED HOUSING & NEW FIELD GRADE HOUSING
- MAJOR EMPLOYER FOR FAIRBANKS AREA



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## FORT WAINWRIGHT CONSIDERATIONS

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### **AGAINST KEEPING ONLY FORT WAINWRIGHT:**

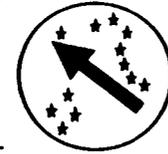
- REQUIRES RELOCATION OF NEARLY 35% OF ARMY FORCE STRUCTURE IN ALASKA
- REQUIRES ONE-TIME CONSTRUCTION COSTS FOR ADDITIONAL FACILITIES TO INCLUDE ARMY FAMILY HOUSING OF OVER \$310M
- REQUIRES MOVEMENT AND ESTABLISHMENT OF CENTRALIZED BASOPS FUNCTIONS NOW AT FORT RICHARDSON
- INADEQUATE LABOR POOL TO SUPPORT BASOPS REQUIREMENTS
- LOCAL ECONOMY NOT ABLE TO PROVIDE COMPETITIVE OUTSOURCING
- SIGNIFICANT FAMILY HOUSING SHORTFALL & LIMITED ACCEPTABLE OFF-POST RENTALS



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## FORT RICHARDSON'S SPECIAL SERVICES - FOR ALASKAN MISSION

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- CENTRALIZED BASOPS SUPPORT FUNCTIONS FOR USARAK
- SUPPLIER OF MANY SERVICES FOR USAF & OTHER GOVERNMENT AGENCIES
- USARAK LOGISTICS & TRANSPORTATION HUB
- EXTENSIVE STORAGE AND WAREHOUSING CAPABILITY
- MOBILIZATION STATION
- JOINT MOBILITY DEPLOYMENT COMPLEX (FY 96)
- AIRBORNE BATTALION TASK FORCE
- CLOSE PROXIMITY TO EAFB & ALCOM HQ



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## FORT WAINWRIGHT'S SPECIAL SERVICES - FOR ALASKAN MISSION

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- EXTREME COLD WEATHER TRAINING OPPORTUNITIES
- LARGE TRAINING MANEUVER AREAS
- VAST SPECIAL USE AIR SPACE FOR JOINT TRAINING
- BASSETT ARMY COMMUNITY HOSPITAL (FORT WAINWRIGHT, FORT GREELY & EIELSON AFB)
- AVIATION TRAINING AND MAINTENANCE FACILITIES AND AVAILABILITY OF LADD ARMY AIRFIELD
- PROVIDES SUPPORT FUNCTIONS FOR BUREAU OF LAND MANAGEMENT (BLM) ALASKA FIRE SERVICE AND OTHER GOVERNMENT AGENCIES



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## SPECIAL NEEDS/EQUIPMENT MOVES

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### **CLOSURE OF FORT RICHARDSON:**

- REALIGNMENT OF CENTRALIZED BASOPS FUNCTIONS AND REQUIRED PERSONNEL TO FORT WAINWRIGHT
  - RELOCATION OF MAINFRAME DATA PROCESSING EQUIPMENT AND CENTER TO FORT WAINWRIGHT
  - ESTABLISHMENT OF COMMUNICATIONS NET/SUPPORT EQUIPMENT AT FORT WAINWRIGHT
- 
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### **CLOSURE OF FORT WAINWRIGHT:**

- RELOCATION OF UH 60 FLIGHT SIMULATOR TO FORT RICHARDSON
- RELOCATION OF AUTOMATION SYSTEMS FOR BATTLE SIMULATION CENTER



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## FORCE STRUCTURE IMPACTS

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- IF EITHER RICHARDSON OR WAINWRIGHT WERE CLOSED, ONE OF TWO HEAVY ENGINEER COMPANIES COULD BE INACTIVATED
  
- ESTIMATED TDA REDUCTION OF 350 CIVILIANS AND 300 MILITARY IN EITHER SCENARIO



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## SIGNIFICANT ISSUES ASSOCIATED WITH REALIGNMENT

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### **CLOSURE OF FORT RICHARDSON:**

- MAJOR ADDITIONAL CONSTRUCTION AT FORT WAINWRIGHT AND ONE-TIME COSTS ARE ESTIMATED AT OVER \$375M
- MAJOR CIVILIAN LABOR FORCE REALIGNMENT REQUIRED
- POTENTIAL SIGNIFICANT ENVIRONMENTAL COSTS

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### **CLOSURE OF FORT WAINWRIGHT:**

- ADDITIONAL CONSTRUCTION AT FORT RICHARDSON AND ONE-TIME COSTS TOTAL OVER \$290M
- 550 UNIT 801 HOUSING (ONE-TIME COST BUYOUT OF ABOUT \$80M OR TRANSFER)
- CIVILIAN LABOR FORCE REALIGNMENT REQUIRED
- POTENTIAL SIGNIFICANT ENVIRONMENTAL COSTS

HOWDY TASK FORCE  
P. O. BOX 548  
KILLEEN, TEXAS 76540

AUGUST 8, 1994

STAY THE COURSE AT FORT HOOD

A 1991 army objective assessment of division posts measured 35 discrete attributes under the five major categories of mission essentiality, mission suitability, operational efficiencies, expandability and quality of life. This quantitative study identified Fort Hood as the army's best "Fighting Installation". When qualitative comparisons are added, the superiority of Fort Hood as the army's premier station is even more striking. Fort Hood stands alone in the quality and capacity of its maneuver terrain and automated multi-purpose ranges which are just minutes away from garrison motor parks.

Outstanding support of soldiers and their families is a proud tradition of the civilian communities surrounding Fort Hood. Within weeks of the July, 1991 announcement that the division from Fort Polk would move to Fort Hood, subject to successful environmental studies, seven cities in the Hood commuting area had formed the "Howdy Task Force" which was charged with coordinating community preparations for the integration of the incoming soldiers and families in Central Texas.

In the last three years over 4,500 new housing units have been constructed in the post commuting area. With these new units the historical factor of 95% of the off-post families living in the tri-cities within 10 miles of the main gate has been maintained. Recently three new multi-family housing projects have been announced which will add about five hundred more close-in rental units. For the past year new single family homes have been completed in the tri-cities at a rate of more than four a day, and building permits continue to be issued at boom rates.

Since December 1991 over 40,000 soldiers have saved \$10,600,000 because of deposit waiver programs of fifteen utility companies and city water departments. During the same period, rental deposit waivers and local housing set-aside programs have benefitted 2,564 soldiers with savings of \$1,800,000. In August 1994 the Howdy Housing Chairman was notified by Congressman Edward's office that the Farm and Home Administration had agreed to the local request for regulatory changes which would extend eligibility for FMHA "No to Low" interest home mortgages to service personnel. A preliminary survey shows that over 8,000 Fort Hood soldiers would meet the eligibility requirements for these very favorable loans. This initiative by the Howdy Housing Committee will benefit service people throughout the United States.

The Fort Hood Housing Office surveyed 500 rental units in December 1992 and again in September 1993, and compared rates from 1989 to the survey

date. On average, rental increase over a four year period was 13% (5% each in 92 and 93). During the same four year period the military basic allowance for quarters increased 16.8%, while Killeen property taxes increased 34% and property insurance increased even more.

When current school construction projects are completed in the summer of 1995, about 600 classrooms and labs will have been added since 1990 to the two school districts which serve Fort Hood children. Local voters have passed \$36 million in bond issues for school construction in the last two years. In September 1994 Copperas Cove citizens will vote on an additional \$12 million to add more capacity including a new junior high school.

Major construction of retail outlets both on and off post will make family living even better. A second commissary with 24 checkout lines opened in May 1994, and a major PX will soon be started. A new Holiday Inn Motel and several national restaurant chains (Red Lobster, etc.) have opened. Projects underway include a new shopping complex which will include Toys R Us and Target Stores, one of the first five Walmart "Super Stores" in Texas, and three chain supermarkets.

The Texas Department of Transportation agreed two years ago to expedite the development of highways serving the Fort Hood area. A south loop around Killeen now under construction will connect across west Fort Hood with a loop to be constructed around Copperas Cove.

Practically all of the developments outlined above have occurred in response to the final decision just two years ago that the Army would increase the military strength of Fort Hood to nearly 45,000. Certainly there have been growing pains during the buildup of Fort Hood. But the process is over the hump. Everyday the close-in housing market will improve. Excellent school systems will get even better.

During the BRAC 95 process someone may suggest that the strength of Fort Hood be reduced. This would exchange minor, temporary problems which will be solved months before BRAC 95 decisions are made for serious long term trouble. A reduction of troops at Fort Hood would provide the smallest incremental savings in base operations of any reduction the Army could make. The ratio of base operations costs to mission costs would be increased. The Army's best home station maneuver grounds and firing ranges would be underutilized. Local taxpayers and businesses would be punished for investing in additional capacity of schools and stores by the whipsaw effect of a reduction of students and customers just months after the build up to 44,500 has been completed. But the group hardest hit would be the 5,000 active army officers and NCO home owners as the local housing markets turn soft. The Army does not want key officers and NCO's bad mouthing assignment to its best post because "You can't sell your house there."

In these challenging times the Army must wring every bit of readiness from each dollar available and from every soldier on the rolls. Now is the time for the Army to stay the course and reap the full benefit of its best and most efficient post.

HOWDY TASK FORCE  
P. O. BOX 548  
KILLEEN, TEXAS 76540

AUGUST 8, 1994

## THE CASE FOR CONTINUED FULL UTILIZATION OF FORT HOOD

**Military Value:** During the BRAC 91 process an army objective assessment named Fort Hood the Army's top Ranked Fighting installation and added units at Fort Hood to bring troop strength to nearly 45,000. Since then the facilities of Fort Hood and its supporting cities have been further improved and modernized.

Just minutes away from the garrison motor parks, Hood units can train on the best brigade sized maneuver terrain in CONUS with rolling interspersed woods and open area simulating terrain in the worlds temperate areas. Additional densely wooded areas simulate jungle conditions. Water crossings up to one quarter mile can be practiced. There are two villages for training in urban warfare. The terrain is ideal for helicopter training on and off post. Hood parachute drop zones can handle brigade size drops. The moderate climate permits year round learning.

Nine automated, multi-purpose (tank, Bradley, helicopter) ranges can handle six maneuver battalions simultaneously. Six automated small arms ranges and 46 other ranges make up the best range complex in the army. All army weapons except Patriot and the Army Tactical Missile System (ATACMS) routinely fire at Hood. Air Force weapons up to B-52 with 500 pound bombs use Hood ranges.

A mobilization and equipment site for the Texas Army National Guard at North Fort Hood stores 29 battalion equipment sets, including 49th Armored Division units. Over 20,000 reserve component troops conduct annual training at Fort Hood.

More than one hundred off-post sites under no cost usage permits are available in a 10,000 square mile box in central-west Texas for aviation training and headquarters sites for real distance CPX's. Restricted air space over Fort Hood, and low density civil air traffic in the vicinity enhance joint training with the USAF.

Fort Hood has the army's largest computer driven battle simulation center, which can exercise battalion to corps level staffs. III Corps can wargame with up to 5 divisions.

In addition to the qualitative edge in terrain and facilities there is the added advantage of the face-to-face building of the full corps support team working with 2 local divisions.

Efficient deployment facilities include: The Port of Beaumont, four hours away by state designated priority highways; rail loading docks which link with the main line of the Santa Fe Railway which runs through post; deployment airfield (RGAAF), 10,000 ft runway, ramp space for 9 C-5 or 747 or 14 C-141's.

Systematic construction and renovation programs over the past 20 years have build modern barracks, administrative facilities, motor parks, post exchanges, large commissaries, and recreational facilities ideal for the 45,000 military population. The new \$60 million maintenance shops permit efficient component rebuild and equipment repair at great savings over off-post alternatives.

There are 5556 family quarters on post with 227 more under construction. 95% of the 21,500 soldiers who live off-post reside in Killeen, Copperas Cove, and Harker Heights within 10 miles of the main gate. Since the 1990 census 4596 new dwellings have been constructed in the commuting area, 3769 of these were built within 10 miles of the flagpole. Counting construction underway over 600 classrooms have been added to the Killeen and Copperas Cove School Districts since 1990. Local communities have consistently shown outstanding support for soldiers and families.

Summary: Fighting units can train better, and at less cost at Fort Hood than at any other station. The incremental base support cost of stationing a second division at Fort Hood is about one third the base support cost of a one division post. Conversely, moving a division from Fort Hood would gain only one third of the base support savings of closing a one division post.

# Document Separator

## WHY PICATINNY ARSENAL

- The ultimate goal of military power is the application of overwhelming lethality on target. Lethality is classically referred to as Ordnance.
- All other functions/materiel serve only to facilitate the application of ordnance on target.
- The background of the military and civilian personnel staffing the various offices of Headquarters, AMC and the Army Staff are dominated by non-ordnance specialists, i.e., ordnance is not a glamorous career field.
- The resident Army expertise for ordnance is located at Picatinny Arsenal.
- Ninety percent of all Army ordnance is developed by and through Picatinny Arsenal.
- The chart illustrates the Picatinny functions and consequently expertise necessary to field effective ordnance.
- The private sector munitions industry is a major partner of the total ordnance picture. However, in today's defense environment, industry is making business decisions for profit purposes - and many are leaving the defense business while Picatinny is making decisions to scale down but maintain a hard core armament technology, life cycle, base for the Army.
- Munitions industry survives on production. The production of thousands to millions of a particular ordnance item per month is critical due to the effective application of military power. Through the efforts of the Munitions Task Force, the Ammunition Procurement account will be maintained at between \$1.5 and \$2.0 billion.
- Picatinny does the "hard to do" in house (conceptual, advanced technology). When a item/system reaches the engineering manufacturing development stage, normally it is placed on contract and closely monitored by Picatinny.
- The private munitions sector does not maintain the broad technology base to introduce advanced ordnance materiel.
- The broad life cycle technology base expertise resides at Picatinny Arsenal.
- Historically, the distribution of RDT&E funding for ordnance materiel has been approximately as follows for industry/in-house:
  - From 6.1 to production:
    - 7% funding in-house
    - 93% funding out-of-house
- Picatinny is dedicated to the Army to maintain a hard core of technology, life cycle (concept to stock pile) responsibility and to stay a "smart buyer".

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## White Paper: Why Picatinny?

The Department of Defense plays a most critical role in supporting the US Government's international policies and activities. There are a vast array of options provided by the defense arena to support foreign policy.

However, when you want to "walk softly and carry a big stick" you best be very proficient in the business of conventional weapons and ammunition. Often international tensions and/or conflict boils down to uniformed opponents arrayed against each other armed with conventional weaponry and munitions.

Of all the options and commodities used by the Department of Defense to support foreign policies, none are more unique than weapons and munitions.

While industry plays a major role in the creation and acquisition of weapons and munitions, there are certain unique and critical aspects of these commodities which must be recognized and understood. International Traffic in Arms regulations prevent industry from freely marketing these commodities worldwide. Alcohol, Tobacco and Firearms Regulations prevent industry from freely marketing these commodities domestically. It is almost axiomatic to state that where industry does not control the market place, they do not retain staff and facilities. This is true when Uncle Sam is not buying and when export licenses are not available. Industry has demonstrated it is competent, contributive and competitive when there is a market for armaments products. However, when there is no market for munitions and weapons, industry will gravitate to where there is business and abandon the munitions and weapons business.

The above situation is not true in commodity areas where industry does have a market regardless of government programs. Commodities falling in this area include communications, electronics, airframes, engines, vehicles (wheeled and tracked), transmissions, food clothing, etc.

What does the government do to protect its capability in the armaments arena? The government creates and maintains facilities with attendant institutional knowledge in the entire gamut of technologies and skills required to create and produce armaments such as weapons and munitions. While US industry will proclaim to have comparable capabilities, none really do. The small arms industry, which supports law enforcement and hunting activities, can not even approach the institutional capabilities resident in government laboratories. When the flag goes up, it is this unique in-house institutional capability which works closely with industry to regenerate capabilities for the development and production of weapons and ammunition.

What is so unique about weapons and munitions? What we are addressing are explosive items, and their delivery to the target. These items, referred to as munitions, are created to incapacitate or kill once, and only once, in their lifetime. At all other

times, they must be perfectly safe to handle, transport, ship, store, drop, vibrate, jolt, jumble, etc. In other words, regardless of how energetically and/or carelessly they are handled, they will only function when delivered in the tactical mode they are designed for. And even when used, it cannot contravene safety to the firer, firing unit or nearby friendly elements yet provides designed lethality at the target. Sounds simple? It is anything but simple!

Without going ~~into~~ the details here of how munitions are created and produced, suffice it to say that there is a well-tuned interaction between a variety of disciplines all included in what is referred to as "institutional knowledge" at Picatinny Arsenal.. Typically: these include: Propellants & Propulsion; Explosives, Fuzes, Interior Ballistics; Exterior Ballistics; Terminal Ballistics; Fire Control; Weapon Design; Electronics; Packaging; Weapon Systems Effectiveness; Test & Evaluation; Environmental Effects; Telemetry; Producibility; Quality Assurance; Information Management; Logistics Support; Procurement; Procurement Law; Safety; Pyrotechnics; Prototyping Facilities, Security; etc.

Where in industry is such broad insitutional knowledge replicated? Who in industry can afford to retain this capability when budgets are decreasing, such as now? The answers are obvious.

Why was the need for such institutional knowledge in government recognized and created? After the Korean war, a military-industrial complex was created to sustain war responsive capabilities in the US between wars. Armaments and munitions were assigned in the Army to the Ordnance Corps. Ordnance was a specialized field relating to weaponry and ammunition. This in-house capability was called upon during the Southeast Asia conflict and it reacted quickly and positively.

In the 1960's, Secretary of Defense McNamara, attempting to put "like" things in "like" places, created the Army Materiel Command (AMC) to include all Army materiel responsibilities. While the concept may have been applauded in some graduate school management programs, it did not bode well for the real world and for Ordnance. The Ordnance Corps was absorbed into AMC. Weapons and ammunition got sucked into AMC's bow wave and lost their unique identity, particularly when AMC was run by non-ordnance type commanders. Ordnance commanders recognized the issues and sustained the institutional knowledge.

A Non Ordnance commander was willing to use the McNamara approach and re-locate all major AMC commodity commands to Huntsville, Alabama in a 1991 study called, "Vision 2000." Thank God some wise Ordnance career retirees in North Jersey recognized the crisis approaching and alerted the proper powers to challenge the recommendations as they related to weapons and munitions. "Vision 2000" was not approved.

Some people claim that industry warrants what they produce for the Army. Warranties are worthless if the Company is no longer in business. The government is the only warrantor who will always be there and as such must be fully capable. Picatinny Arsenal demonstrated this capability during Vietnam and the Gulf Wars.

As defense procurement decreases and industry abandons the armaments business it should be apparent that most of the new technologies and concepts associated with weapons and munitions will come from the agency where institutional capabilities reside, i.e. Picatinny Arsenal.

It is critical to recognize that attempts to relocate Picatinny to another site will result in only a small percentage of armament experts transferring. Once you lose them, you are never going to get them back.

We as a nation can not afford to lose our armament capabilities, especially for the wrong reasons. Picatinny Arsenal must remain as a center of expertise with its resident insitutional knowledge to assure that the nation can respond to any situation demanding weapons and munitions in support of its foreign policies.

November 1, 1994

To: Gilbert F. Decker, ASA/RDA  
Togo D. West Jr., Secretary of Army

I am writing this letter to you to express my deep concern over an evolving issue which can seriously affect the defense readiness posture of our nation.

Base Realignment and Closure (BRAC) considerations are on-going with Service Secretary's recommendations to DOD due by 1 January 1995. I am concerned that Picatinny Arsenal, Dover, New Jersey may be on the HQ AMC closure list to Department of Army and that, unless headed-off now, the Arsenal may be on the Army list for the wrong reason.

Picatinny Arsenal is the HQ, US Army Armament Research, Development and Engineering Center (ARDEC). ARDEC is the principle Army RDEC for conventional munitions and weapons. The products ARDEC is responsible for, created and produced with the participation of US industry, provide over 90% of conventional lethality for the US Army.

While industry plays a major role in the creation and acquisition of weapons and munitions, there are certain unique and critical aspects of these commodities which must be recognized. International Traffic in Arms Regulations prevent industry from freely marketing these commodities worldwide. Alcohol, Tobacco and Firearms Regulations prevent industry from freely marketing these commodities domestically. It is almost axiomatic to state that where industry does not control the market place, they do not retain staff and facilities. This is true when Uncle Sam is not buying and when export licenses are not available. Industry has demonstrated it is competent, contributive and competitive when there is a market for armaments products. However, when there is no market for munitions and weapons, industry will gravitate to where there is business and abandon the munitions and weapons business.

This situation is not true in commodity areas where industry does have a market regardless of government programs. Commodities falling in this area include communications, electronics, airframes, engines, vehicles (wheeled and tracked), transmissions, food, clothing, etc.

The Army has created a unique "institutional knowledge" at Picatinny Arsenal in the conventional munitions and weapons arena. This "institutional knowledge" is a well-tuned interaction between a variety of disciplines and includes, typically: Propellants &

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While industry has elements of such skills and technologies, no one of us comes close to Picatinny's capability.

Picatinny can not meet its responsibilities without US industry. And US industry can not be successful in the conventional munitions and weapons arena without Picatinny.

If there is an attempt to move ARDEC, we will lose a national asset in a very unique business. Picatinny must remain as a center of expertise with its resident institutional knowledge to assure that conventional firepower is available to support national policies.



# American Defense Preparedness Association

## *Picatinny Chapter*

*P.O. Box 528, WHARTON, NEW JERSEY 07885*

November 17, 1994

Mr. Gilbert F. Decker  
Asst. Secretary of Army/Res. Dev. & Acq.  
103 Army Pentagon  
Washington, DC 20310-0103

Dear Mr..Decker:

The undersigned are sending this letter to you to highlight a deep concern over an evolving issue which can seriously affect the defense readiness posture of our nation.

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The signatories below are Officer's and Board of Director's of the Picatinny Chapter, American Defense Preparedness Association, who were senior managers at Picatinny and are now retired. Our collective experience as senior managers in the conventional munitions and weapons arena amounts to over 500 years. We feel strongly that our message is critical and must be considered.

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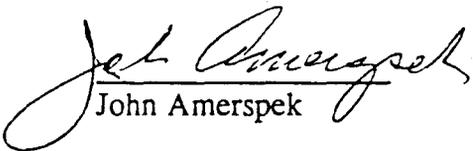
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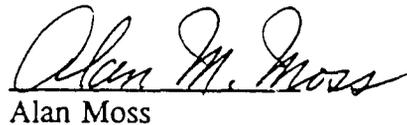
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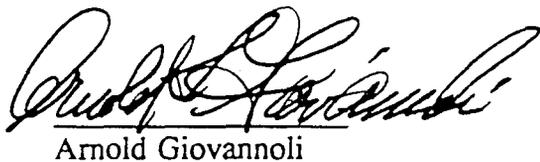
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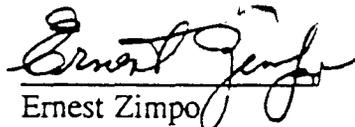
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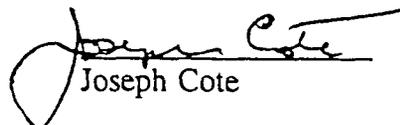
  
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*Fred Menke*

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*Richard Pietrzak*

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*Martin Chase*

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*Albert Roseff*

Albert Roseff

*Robert Howie*

Robert Howie

*Anthony Strano*

Anthony Strano

*Joseph Tagliarino*

Joseph Tagliarino

*Ralph Vecchio*

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# American Defense Preparedness Association

## *Picatinny Chapter*

*P.O. Box 528, WHARTON, NEW JERSEY 07885*

November 17, 1994

Honorable Togo D. West, Jr.  
Secretary of the Army  
The Pentagon  
Washington, DC 20310-01-01

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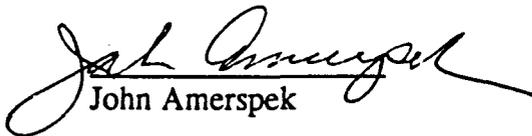
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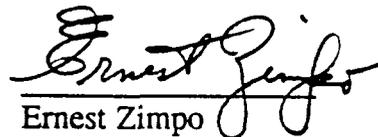
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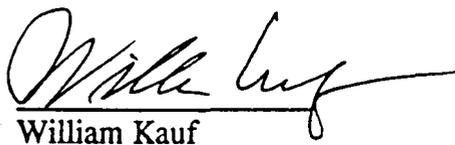
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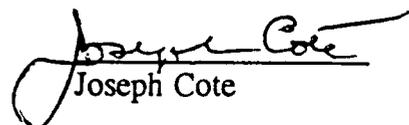
  
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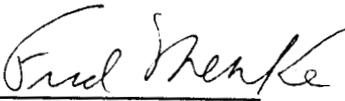
  
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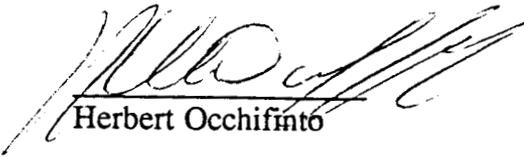
  
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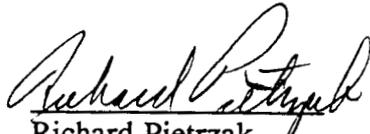
  
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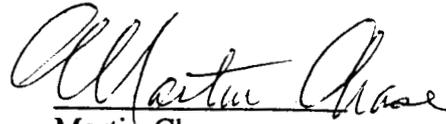
  
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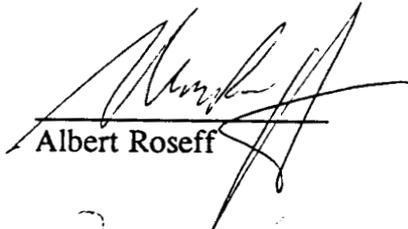
  
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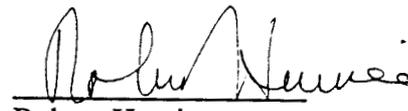
  
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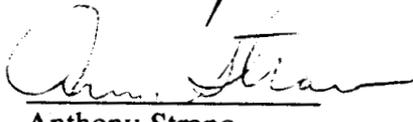
  
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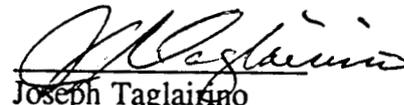
  
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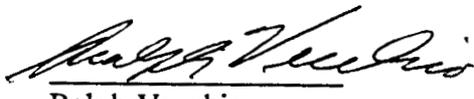
  
Martin Chase

  
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Anthony Strano

  
Joseph Tagliarino

  
Ralph Vecchio

December 27, 1994

The Honorable Togo D. West, Jr.  
 Secretary of the Army  
 101 Army Pentagon  
 Washington, DC 20310-0101

Post-It™ brand fax transmittal memo 7671		# of pages ▶
To <i>R. D. West, Jr.</i>	From <i>B. L. Proctor</i>	
Co.	Co.	
Dept.	Phone #	
Fax #	Fax #	

Dear Secretary West:

I am writing to convey my concern over an emerging situation that will have severe negative affect on national security. This is a situation that only you can avert.

The situation to which I refer is the potential recommendation that Army Armament Research, Development and Engineering Center (ARDEC)/Picatinny Arsenal might be placed on the BRAC closures list. Department of the Army recommendations are due to DOD in very early January and I am compelled to offer my feelings directly to you. Picatinny represents not simply a base where closure could save money, but rather, Picatinny represents a national capability to develop and manage the conventional armaments we provide to our soldiers when they are placed in harms way. Unlike any other government enterprise, the Army must have an in house capability to understand and support the conventional armaments needs of our armed forces. Such a knowledge base exists in no private enterprise nor can it be effectively developed in private industry under our system of laws and government.

While there are markets that create products and technologies with defense potential, such as transportation, aircraft and electronics. There is, however, no conversion into defense for conventional armaments. Conventional close combat armaments are unique to military and specifically to Army needs. Conventional ground combat has been and will remain the most probable form of actual international confrontation. It is imperative that we maintain the national capability in this area supporting our troops.

The skills, the time and the efforts to develop and produce conventional munitions under current laws, regulations and modern quality methods are understood by few outside of our shrinking private industrial base and the cadre at Picatinny Arsenal. Few active duty officers throughout the Army understand the demanding process. Logisticians certainly don't. I have long believed the requirements and operations side of the Army's organizational assets are more remote from the time consuming munitions development process than they need to be. That topic deserves more development. Closing Picatinny and trying to transfer functions elsewhere would result in severe loss of Army and national capability. There are past and current examples of problems caused by such attempts. Picatinny is responsible for 90% of Army lethality. Closing Picatinny is taking too

great a risk with US conventional close combat capability. There exists no private asset that could take over Picatinny functions or even bridge the gap during any transfer attempt.

I urge you to consider these concerns seriously. I stand ready to support discussions with you or members of your staff to develop these concerns in greater detail for you. Perhaps a meeting with some of us directly involved in this industry, who share my concerns, would be of value. Those of us in armaments development and production have been concerned about the industrial side of these issues for some time. No organization is perfect but closing Picatinny on top of our degraded industrial base situation would simply derail our national ability to maintain needed technology in conventional close combat armaments. Platforms and other big dollar systems get the publicity. Active duty general officers and commanders spend the majority of their time on platform issues. In the final analysis, they will tell you they must assume soldiers will have the tools they need when they're placed on the ground.

Picatinny develops and manages the vast majority of our combat lethality for infantry, armor, artillery and other fire support assets. I feel closing what should be the Army's Conventional Armaments Command would be a serious national error. If you desire additional discussions on this subject please feel free to contact me at my office (602) 898-2208 on or after 3 January 1995. All things aside I take this opportunity to wish you a happy and prosperous 1995.



E. T. Ryan, Jr.  
President  
Talley Defense Systems

c.c. Assistant Secretary of the Army for RDA; Gilbert F Decker

# Document Separator

# Document Separator

**WALLY HERGER**

2d DISTRICT, CALIFORNIA

PLEASE REPLY TO:

WASHINGTON OFFICE:  
2433 RAYBURN HOUSE OFFICE BUILDING  
(202) 225-3076

DISTRICT OFFICES:

55 INDEPENDENCE CIRCLE, SUITE 104  
CHICO, CA 95926  
(916) 893-8363

410 HEMSTED DRIVE, SUITE 115  
REDDING, CA 96002  
(916) 223-5898



COMMITTEE ON  
WAYS AND MEANS

COMMITTEE ON  
THE BUDGET

# Congress of the United States

House of Representatives

Washington, DC 20515-0502

January 24, 1995

The Honorable Robert M. Walker  
Assistant Secretary of the Army  
For Installations, Logistics, and  
Environment  
2E614 Pentagon  
Washington, D.C. 20310

Dear Assistant Secretary Walker:

I am forwarding to you a letter from the California Senate urging the Department of Defense to reconsider its rating of the Sierra Army Depot (SIAD) as a Tier III Depot.

This issue is of grave concern to my constituents, and I am in full agreement with the position stated by my colleagues. Certainly the facts outlined in the letter make a strong case for a re-evaluation.

Thank you for your consideration of this most important matter. I, like my friends in the California Senate, look forward to hearing your response.

Sincerely,

A handwritten signature in black ink that reads "Wally".

WALLY HERGER  
Member of Congress

WH/bb

Enclosure

Copies to:

Hon. Dianne Feinstein  
Hon. Barbara Boxer  
Hon. Barbara Vucanovich  
General James Klugh  
Mr. Paul Johnson  
Mr. Mike Sandusky  
Mr. Phil Grone  
Mr. Barry Holman  
Mr. Ed Brown  
Ms. Vicki Plunkett  
Mr. Robert Hoffman

COMMITTEES:

CHAIRMAN

CONFERENCE ON THE  
PRESERVATION OF THE  
FAMILY

VICE CHAIRMAN

BUDGET AND FISCAL  
REVIEW

JUDICIARY

RURAL CAUCUS

MEMBER

HEALTH AND HUMAN  
SERVICES

NATURAL RESOURCES  
AND WILDLIFE

REPUBLICAN ELECTIONS

Senate

California Legislature



TIM LESLIE  
SENATOR, FIRST DISTRICT

SUBCOMMITTEES:

BUDGET AND FISCAL  
REVIEW SUBCOMMITTEE  
NO. 3 ON HEALTH,  
HUMAN SERVICES,  
AND LABOR

HEALTH AND HUMAN  
SERVICES SUBCOMMITTEE  
ON RURAL HEALTH

JUDICIARY SUBCOMMITTEE  
ON CORRECTIONS AND  
LAW ENFORCEMENT  
AGENCIES

JOINT COMMITTEES

FAIRS ALLOCATION AND  
CLASSIFICATION

LEGISLATIVE BUDGET

PRISON CONSTRUCTION  
AND OPERATIONS

January 9, 1995

The Honorable Robert M. Walker  
Assistant Secretary of the Army  
For Installations, Logistics, and  
Environment  
2E614 Pentagon  
Washington, D.C. 20310

Dear Assistant Secretary Walker:

We are writing you today to encourage the Department of Defense to reconsider its rating of the Sierra Army Depot (SIAD) as a Tier III depot. Such a rating would ultimately lead to the depot's realignment or closure and would greatly affect California. Upon further review, you will find that SIAD has superior attributes in comparison to its competitors and merits a Tier I or II listing.

Recent studies by the Army have recommended that the depot's ammunition storage mission be phased out within six years as a result of a Tier III rating. It is our conviction that the study did not reflect accurate data, thus resulting in the low rating.

We understand that downsizing in the military is an important issue and appreciate the effort being taken, but to rate "Cost-Effectiveness" as the fourth most important criteria in the study is questionable. At a time when we are trying to create a more cost-effective military, "Cost-Effectiveness" should be the most important criteria for such a study.

Studies should reflect that SIAD has the best ammunition rates of any installation in the Industrial Operations Command for fiscal year '95 at \$43.54 per direct labor hour as compared to the average of \$103 per hour. Additionally, ammunition shipped, received and stored at more costly installations results in dollars wasted which could be spent in more productive ways. SIAD is the closest to port of any West Coast depot and thus is the logical choice for the Army's needs. These facts alone should be enough to warrant a review of not only SIAD's ranking, but of the whole tiering process.

The most important factor according to the study was "Power Projection" which isn't even a consideration in the BRAC 95 military assessment for ammunition storage depots. Again, we disagree with the approach and priority of the tiering ratings and are seeking your reconsideration.

Furthermore, with the closure of the Sacramento Army Depot and the possible closure or alignment of SIAD, there will be no Army depots on the entire West Coast. We view this as an economic and physical threat to the security of California as well as the entire West Coast. Additionally, it is difficult to comprehend why the Army would propose to eliminate its most cost-effective depot and the one with the best proximity to port.

We hope that these facts will be reviewed and that the Sierra Army Depot is appropriately reclassified as a Tier I or II depot. We appreciate your time in this matter and hope that your decision reflects the best interests of the military and the nation. We look forward to hearing from you.

Sincerely,

Jim Leslie

Dennis Roberts

William Johnson

Tom Woods

~~Jim Smith~~

Larry Paul

Jim Smith

David Knowles

Barbara Alby

Trice Hawey

Dick Mitchell

G. R. House

~~Jim Smith~~

Ross Johnson

The Honorable Robert M. Walker  
January 9, 1995  
Re: Sierra Army Depot (SIAD)

Page 3

*James L. Buitte* *R. L. Montjoy*  
*Lucy F. Greene*

# Document Separator



# OFFICE OF THE CHIEF, ARMY RESERVE



Briefing for  
**BRAC Army Team**  
by  
LTC Pat Cheatham  
Office of Strategic Analysis and Liaison



# Army Reserve Overview



- **Who we are and what we do.**
- **How the USAR is organized.**
- **Evolution of USAR**
  - **The Offsite Process**
  - **Command & Control Structure**
  - **Installation Ownership**



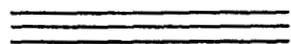
# Who we are and what we do



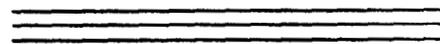
# What Is The Army Reserve?



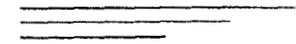
- **USAR is the Federal Reserve**
- **USAR has Unique Competencies**
  - **CS/CSS Pure**
  - **Contingency Force Support**
  - **Training Base Enhancements**
  - **Unique Individual Skills (PROFIS)**
- **Enhance AC Warfighter Structure**

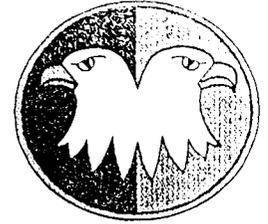


Twice the Citizen



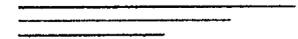
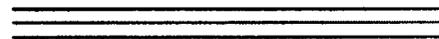
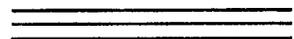
DAAR-ZA





# Mission Areas

- **Military Police (EPW)**
- **Medical**
  - **Hospitals**
  - **Medical C2**
  - **Dental**
  - **Preventive Medicine**
- **Transportation**
  - **EAD Movement Control**
  - **Watercraft/Terminal Opns**

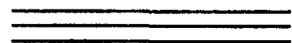




# Mission Areas



- **Logistics**
  - **Petroleum Supply**
  - **DS/GS Supply/Services**
  - **Collection/Classification Companies**
  
- **Signal**
  - **EAC Commands**



Twice the Citizen



DAAR-ZA



# TOTAL RC FORCE

## REQUIRED WARFIGHT FORCES

### WARFIGHT CS/CSS/TDA

**CFP**

MRC EAST  
 RC CS/CSS  
 136 K  
 MRC WEST  
 RC CS/CSS  
 138 K  
 14K CFP TDA

INCLUDES CS/CSS  
 SWAP AND AVIATION  
 MIGRATION

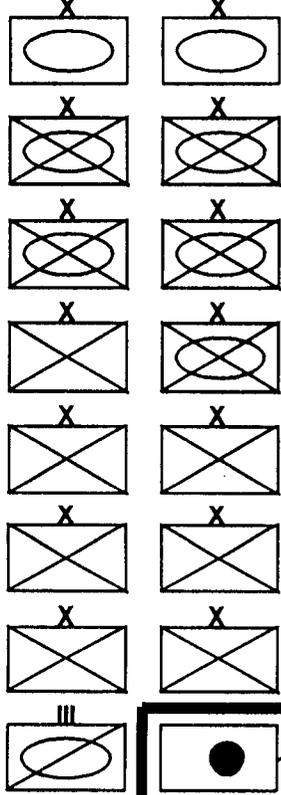
### SOF

NG SF  
 3K

CA

PSYOPS  
 7.5K

### 15 BDES/EAD ARTY



### WEAR 48 K RQMNT

EN  
 5.5K

MP  
 2.4K

CSS  
 1K

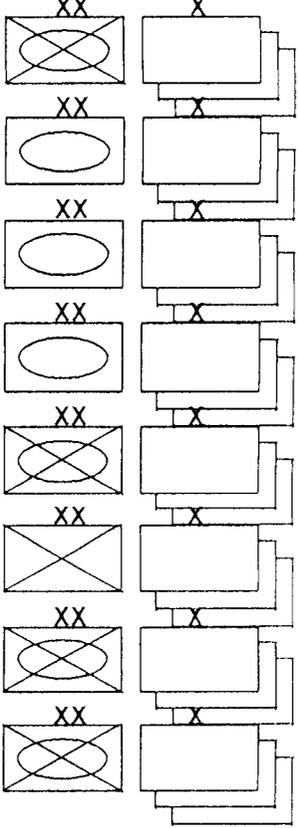
### MOB/TNG SUPPORT DEPLOYMENT SUPPORT

STARC  
 AGR

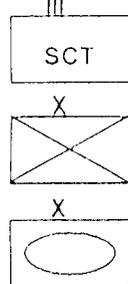
TDA  
 IMA  
 AGR  
 DIV(IT)  
 SCHS  
 BDES

"J" RETENTION

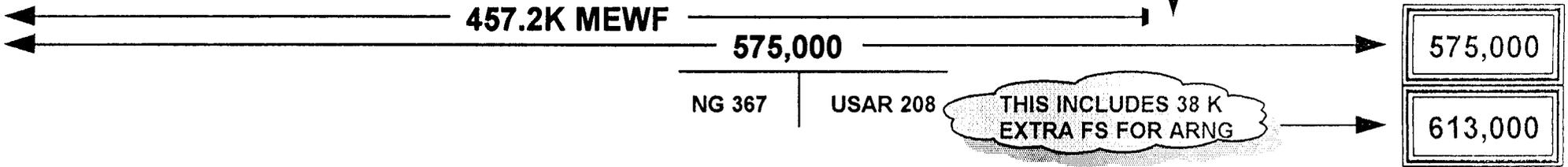
### 27 BRIGADES



### HEDGE

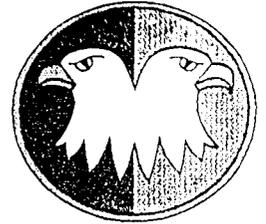


<b>288,000</b>		<b>11,000</b>		<b>75,000</b>		<b>8,900</b>		<b>74,300</b>		<b>141,300</b>	
NG	USAR	NG	USAR	NG	USAR	NG	USAR	NG	USAR	NG	USAR
128.3 K	159.7 K	3.6 K	7.4 K	75 K	0	8.9 K	0	33.4 K	40.9 K	141.3 K	0





# USAR 319 K MODEL (FY89)



CSS 36.8%	CS 22.2%	CBT 10.6%	TDA 30.4%
MC 13.3%	MI 3.0%	SF 3.3%	READINESS ENHANCE 12.5%
OD 10.5%	MP 2.7%	FA 2.7%	CONTINGENCY FORCE BASE 4.6%
TC 5.0%	CM 2.1%	IN 2.2%	COMMAND & CONTROL 1.6%
QM 4.1%	EN 10.6%	AV 2.0%	WARTIME AUGMENT 10.7%
AG 2.8%	SC 1.8%	AR 0.4%	AGR 1.0%
OTHER 1.1%	AV 2.0%		

OTHER = CH, FI, JA, MH, PA, CA, PO

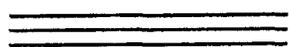


# USAR AT 208 K (FY98)

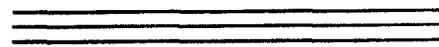


CSS 53.4%	CS 21.9%	CBT 0.4%	TDA 24.3%
MC 18.6%	MI 1.5%	<del>X</del> F 0%	READINESS ENHANCE 16.2%
OD 6.4%	MP 4.7%	<del>X</del> A 0%	CONTINGENCY FORCE BASE 6.6%
TC 10.2%	CM 2.5%	<del>X</del> I 0%	COMMAND & CONTROL 1.1%
QM 11.0%	EN 10.4%	AV 0.4%	WARTIME AUGMENT 3.4%
AG 2.8%	SC 2.7%	<del>X</del> R 0%	AGR 1.4%
OTHER 4.4%	<del>X</del> I < 0.1%		

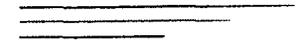
OTHER = CH, FI, JA, MH, PA, CA, PO

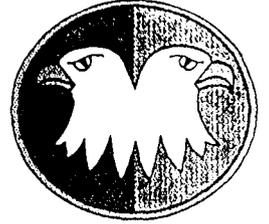


Twice the Citizen

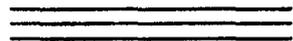


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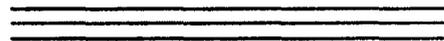




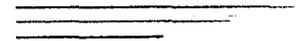
# How the USAR is organized



Twice the Citizen

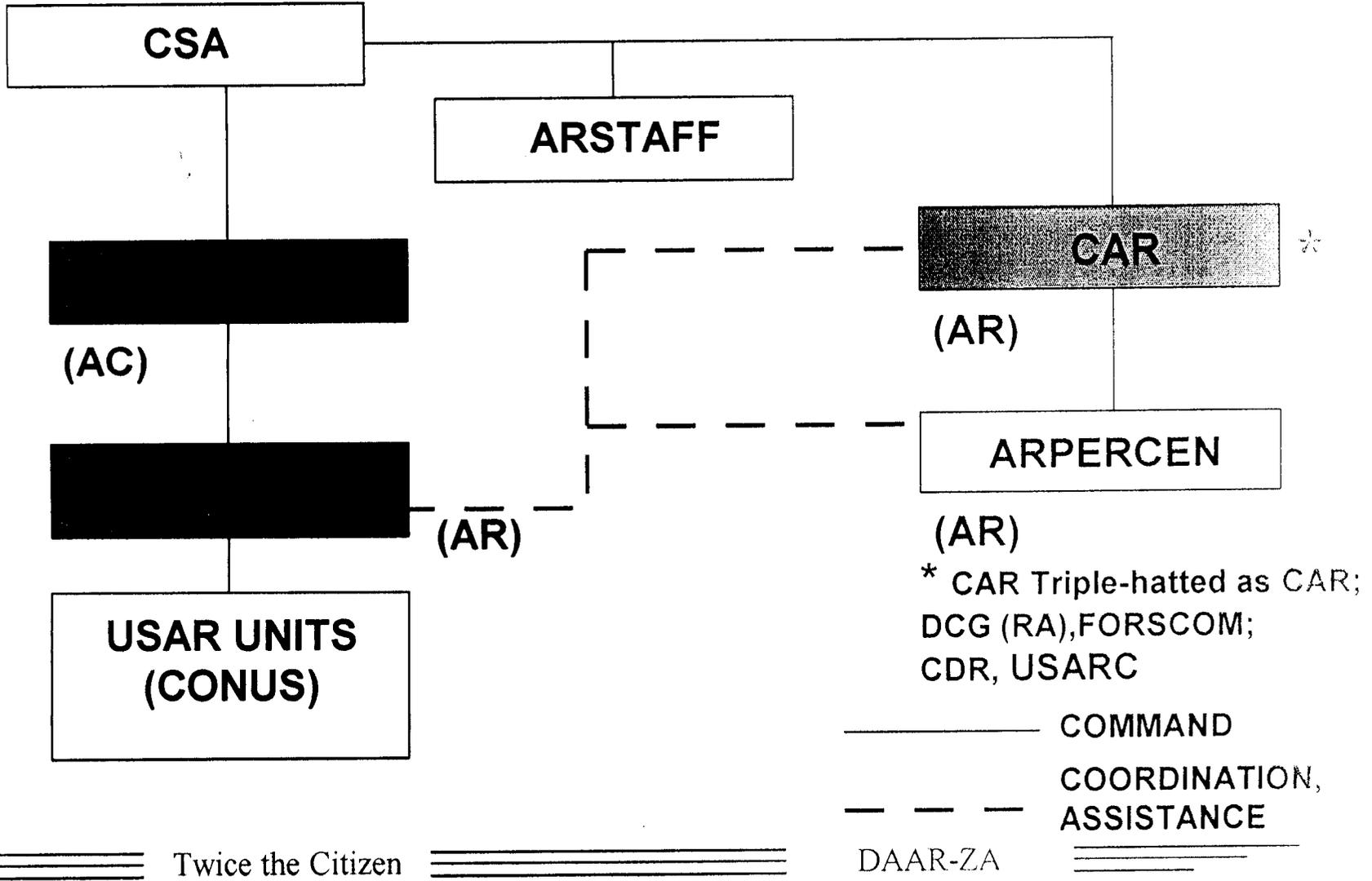


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# USAR C2







# USAR Organization

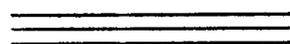


<b>U.S. ARMY RESERVE</b>		<b>1,342,000</b>	
<b>READY RESERVE</b>		<b>742,000</b>	<b>RETIRED RESERVE</b>
<b>SELECTED RESERVE</b>		<b>242,000 *</b>	<b>IRR</b>  <b>500,000**</b> <b>INDIVIDUAL READY RESERVE</b>
<b>PAID STRENGTH</b>		<b>IMA</b> <b>13,000</b> <b>(INDIVIDUAL MOBILIZATION AUGMENTEE)</b>	
<b>DRILL STRENGTH</b>  <b>217,060 (UNITS)</b>	<b>AGR</b> <b>11,940 (ACTIVE GUARD/RESERVE)</b>	<b>RETIREES</b>  <b>600,000**</b>	

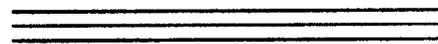
\* FY95 PB

23 Jun 94

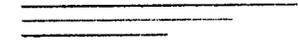
\*\* FY95 USAR ESTIMATE



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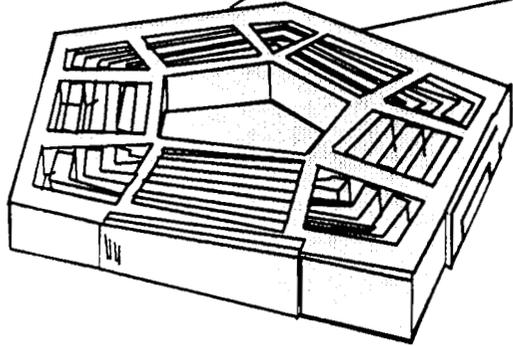


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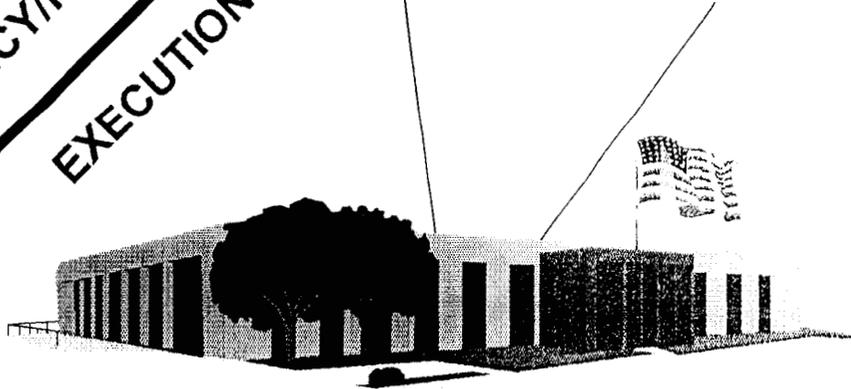
Office Chief,  
Army Reserve



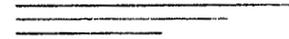
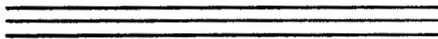
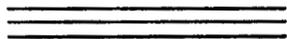
United States Army  
Reserve Command

POLICY/RESOURCING  
EXECUTION

- Develop policy
- Program for rqmts
- Establish priorities
- Allocate resources



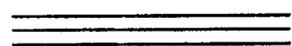
- Command, control, support assigned units
- Develop implementing policies and plans
- Program, budget, manage, execute resources
- Organize, train and prepare for mobilization/assigned missions



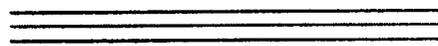


## **Evolution:**

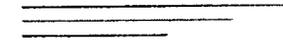
- **The Offsite Process**
- **Command & Control  
Restructure**
- **Installation Ownership**



Twice the Citizen



DAAR-ZA

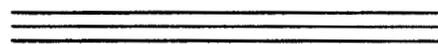
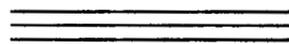




# Offsite Agreement



- Reserve Component FY98 Endstrength set at 575K
  - ARNG 367K
  - USAR 208K
- Consensus Reached on RC Roles and Missions:
  - USAR: Principal Provider of Combat Service Support
  - ARNG: Provider of Combat Structure
  - Both: Combat Support Structure





# Command Restructure



**TODAY :**  
**23 Army**  
**Reserve Commands**

*Transformed*

**10 Regional Support**  
**Commands**  
**3 Forward Deployed**  
**ARCOMs**

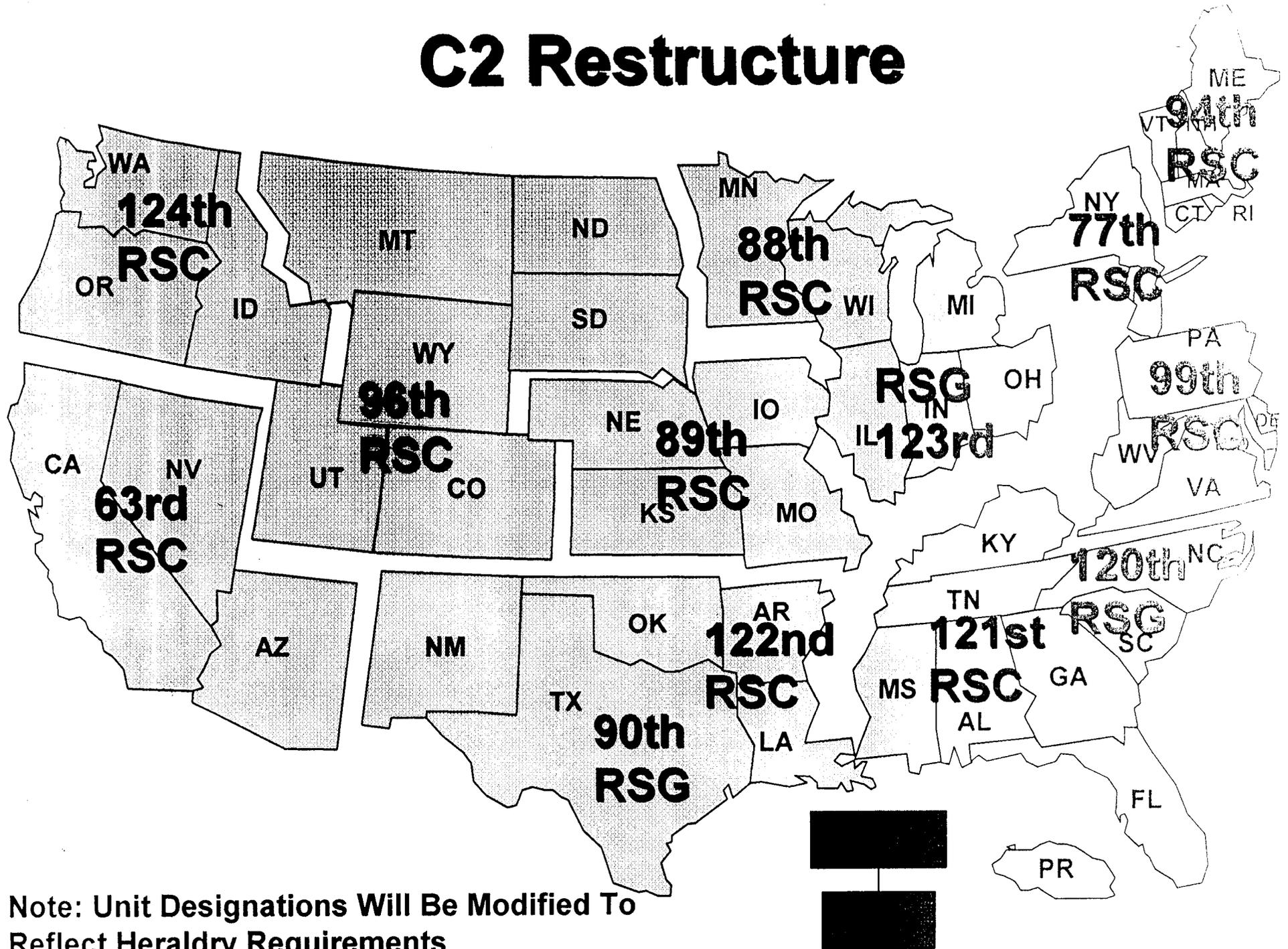
## THE CONCEPT

- Refocused mission
- Reduce redundancy
- Align with FEMA regions
- Training focus advantage
- Leader to led ratio
- Plan for mobilization
- 6K spaces

## THE PLAN

- Go-to-war commanders focus on METL
- Redundancy eliminated
- Regional focus for support based on unit density
- Personnel & logistics management consolidated for economies
- 3.2K spaces

# C2 Restructure



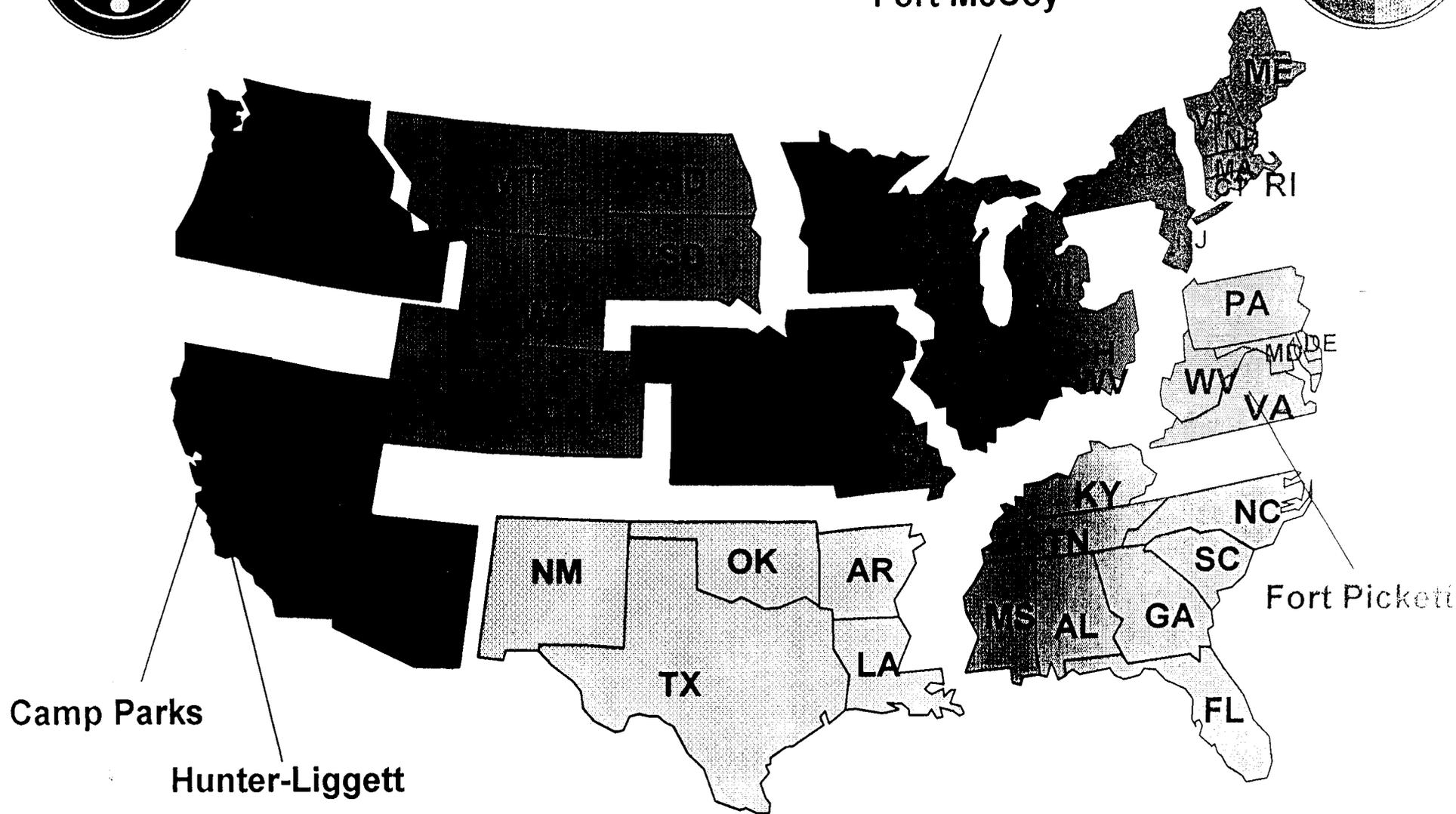
Note: Unit Designations Will Be Modified To Reflect Heraldry Requirements



# USAR Installations



Fort McCoy



Twice the Citizen

DAAR-ZA

# Document Separator

**DEFENSE BASE CLOSURE & REALIGNMENT COMMISSION**  
**1700 NORTH MOORE STREET, SUITE 1425**  
**ARLINGTON, VIRGINIA 22209**  
**(703) 696-0504**

**MEMORANDUM OF MEETING**

**DATE:** February 22, 1995

**TIME:** 10:30 a.m.

**MEETING WITH:** Orlando Area Representatives

**SUBJECT:** Assimilation and training industries in Orlando, FL area

**PARTICIPANTS:**

*Name/Title/Phone Number:*

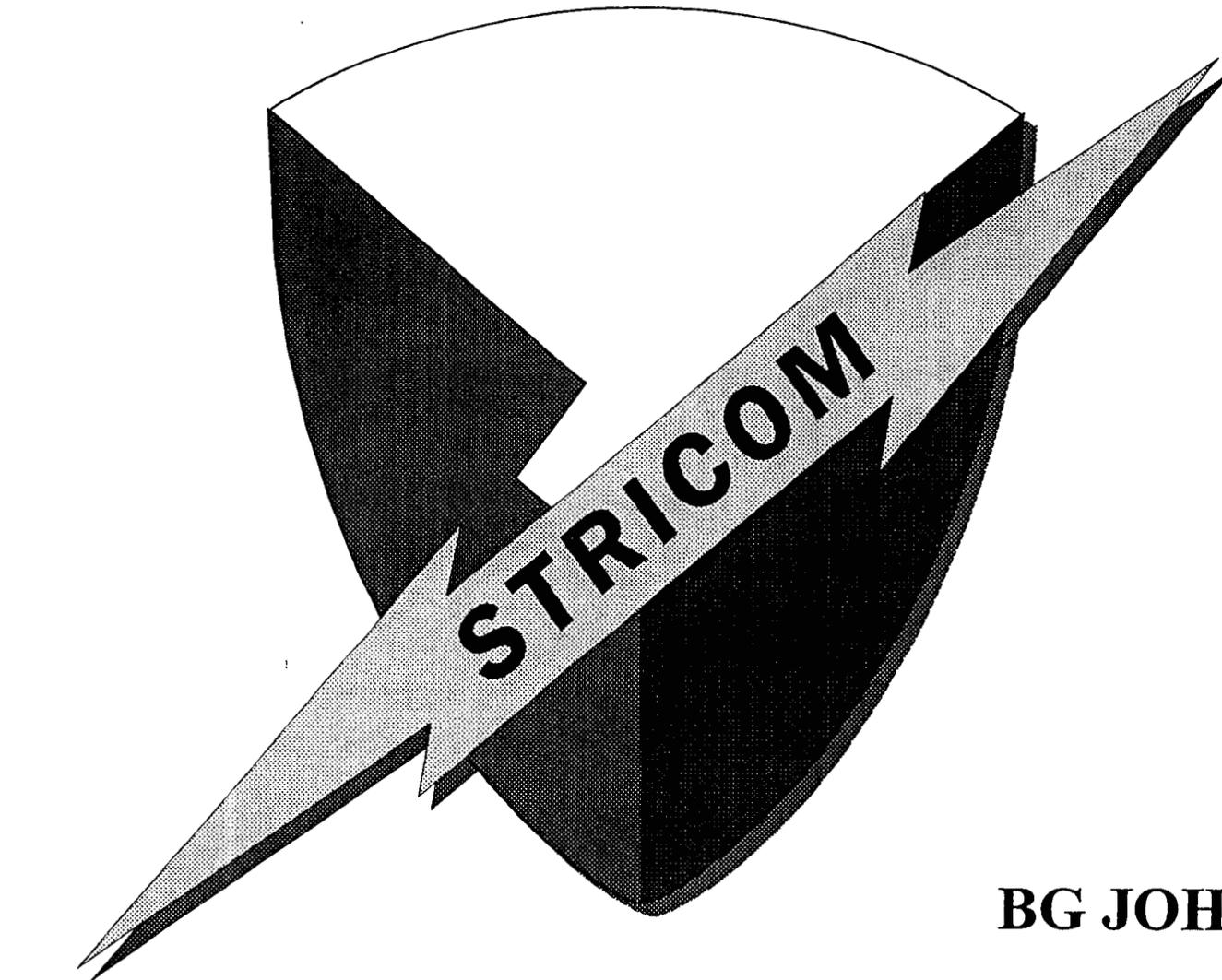
**Mr. Donald Jacobs, President, Pulan Electronics Corp., Orlando**  
**Mr. Gary Burns, Office of Rep. John Mica (R-FL)**  
**Mr. Kiernan Moylan, Office of Rep. John Mica (R-FL)**

*Commission Staff:*

**David Lyles, Staff Director**  
**Charles Smith, Executive Director/Special Assistant**  
**Madelyn Creedon, General Counsel**  
**Cece Carman, Director of Congressional and Intergovernmental Affairs**  
**Chip Walgren, Manager, State and Local Liaison**  
**Jim Schufreider; Manager, House Liaison**  
**Ben Borden, Director, Review & Analysis**  
**Ed Brown, Army Team Leader**  
**Frank Cirillo, Air Force Team Leader**  
**Bob Cook, Interagency Issues Team Leader**  
**Jim Owsley, Cross-Service Team Leader**  
**Alex Yellin, Navy Team Leader**  
**Ann Reese; Cross-Service Team**  
**Dick Helmer; Cross-Service Team**  
**Bob Bivins; Interagency Issues Team, Cobra Specialist**  
**Mike Kennedy; Army Team**

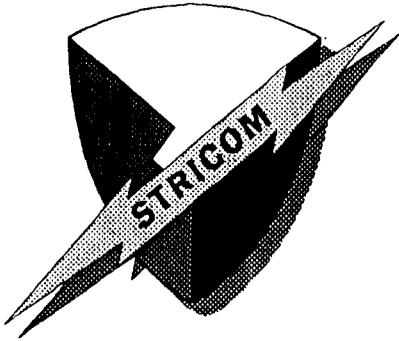
**MEETING PURPOSE:**

mm-dulan.doc



**BG JOHN F. MICHITSCH  
COMMANDER**

**Simulation, TRaining and Instrumentation COMmand**



# **PROJECT MANAGER TRAINING DEVICES**



## **MISSION**

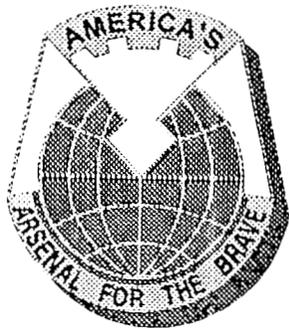
- **DEVELOP AND FIELD ASSIGNED ARMY TRAINING DEVICES AND SIMULATORS (SYSTEM AND NON-SYSTEM)**
- **DEVELOP AND FIELD ARMY SYNTHETIC FLIGHT TRAINING SYSTEMS**
- **SERVE AS AMC EXECUTIVE AGENT FOR COMBAT TRAINING CENTER INSTRUMENTATION AND SYSTEM ACQUISITION**
- **ACQUIRE ASSIGNED ARMY TRAINING DEVICES AND SIMULATORS FOR ALLIES ... FOREIGN MILITARY SALES**

# VISION



## *THE ARMY'S VISION*

AMERICA'S ARMY TRAINED AND READY, A STRATEGIC FORCE, SERVING THE NATION, AT HOME AND ABROAD, CAPABLE OF DECISIVE VICTORY INTO THE 21st CENTURY



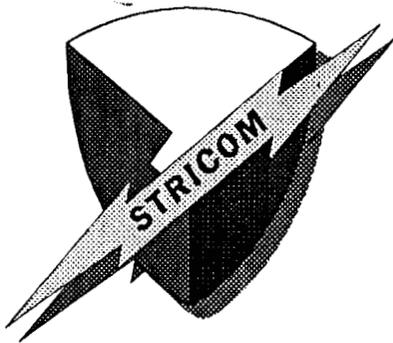
## *THE AMC VISION*

THE LEADER IN EQUIPPING AND SUSTAINING AMERICA'S ARMY THROUGH SUPERIOR TECHNOLOGY AND RESPONSIVE SUPPORT ASSURING WORLD WIDE POWER PROJECTION AND DECISIVE VICTORY

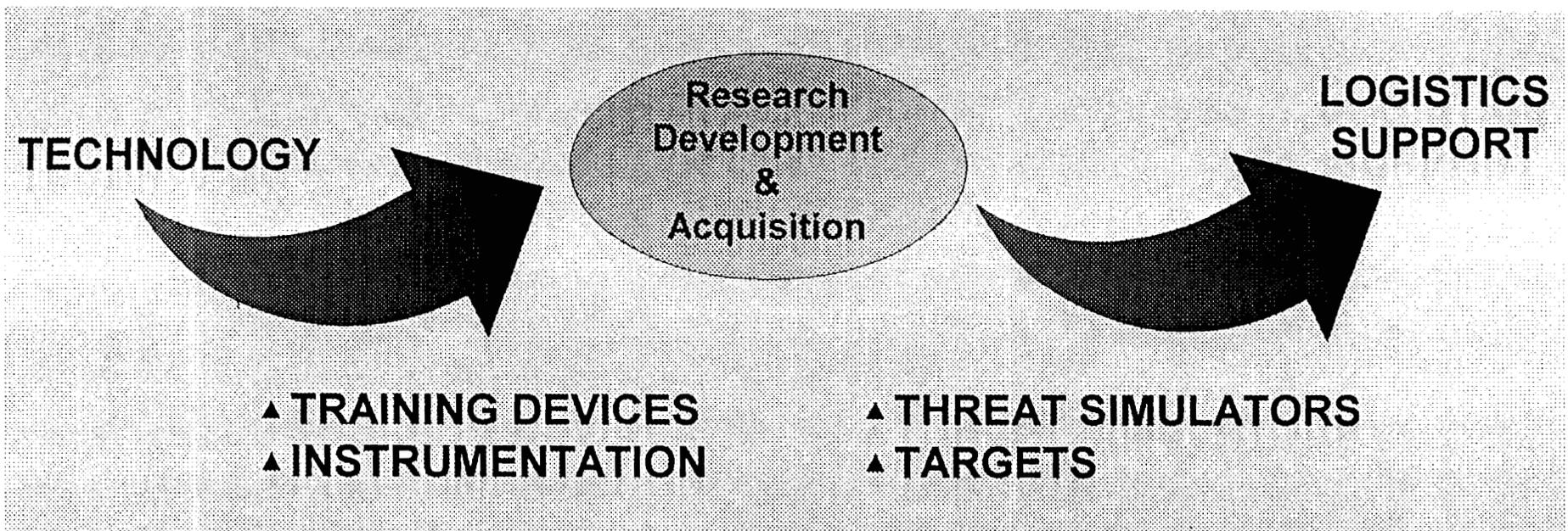


## *THE STRICOM VISION*

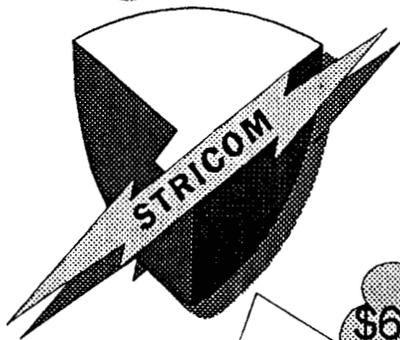
TO BE RECOGNIZED & SOUGHT OUT AS THE WORLD LEADER IN SIMULATION, TRAINING AND TEST TECHNOLOGIES AND SYSTEMS, INSTRUMENTATION AND SYNTHETIC ENVIRONMENTS AND CONSISTENTLY EXCEL AT ADAPTING TO OUR (EXTERNAL & INTERNAL) CUSTOMERS' NEEDS AND EXCEEDING THEIR EXPECTATIONS IN A COMPETITIVE AND COST EFFECTIVE MANNER.



# MISSION



- DoD FOCAL POINT FOR DISTRIBUTED INTERACTIVE SIMULATION (DIS) ENVIRONMENT & AGGREGATE LEVEL SIMULATION PROTOCOL (ALSP)
- OPERATE AERIAL AND GROUND TARGETS FOR TEST AND TRAINING



# CONCEPT OF OPERATION

## Center of Excellence



UCF

\$6.8M  
MYs - 68

- ▲ Professional Development
- ▲ Institute for Simulation & Training

OTHER AGENCIES

- ▲ Air Force Armstrong Lab
- ▲ Marine Corps Liaison
- ▲ Air Force Liaison

140 COMPANIES

▲ Industry R & D

\$180M  
MYs - 1200

FLORIDA

- ▲ Trng Sim Tech Cons (TSTC)
- ▲ Enterprise Florida

\$2.5M  
over 2 yrs

OTHER ARMY AGENCIES

- ▲ ARI
- ▲ ARL
- ▲ HRED

- ▲ Product Oriented
- ▲ Matrix Approach - Includes Navy
- ▲ Leveraged

NAVY

- ▲ Base Ops
- ▲ Project Engr
- ▲ Contracts

\$8M  
MYs - 128

## For Simulation & Training



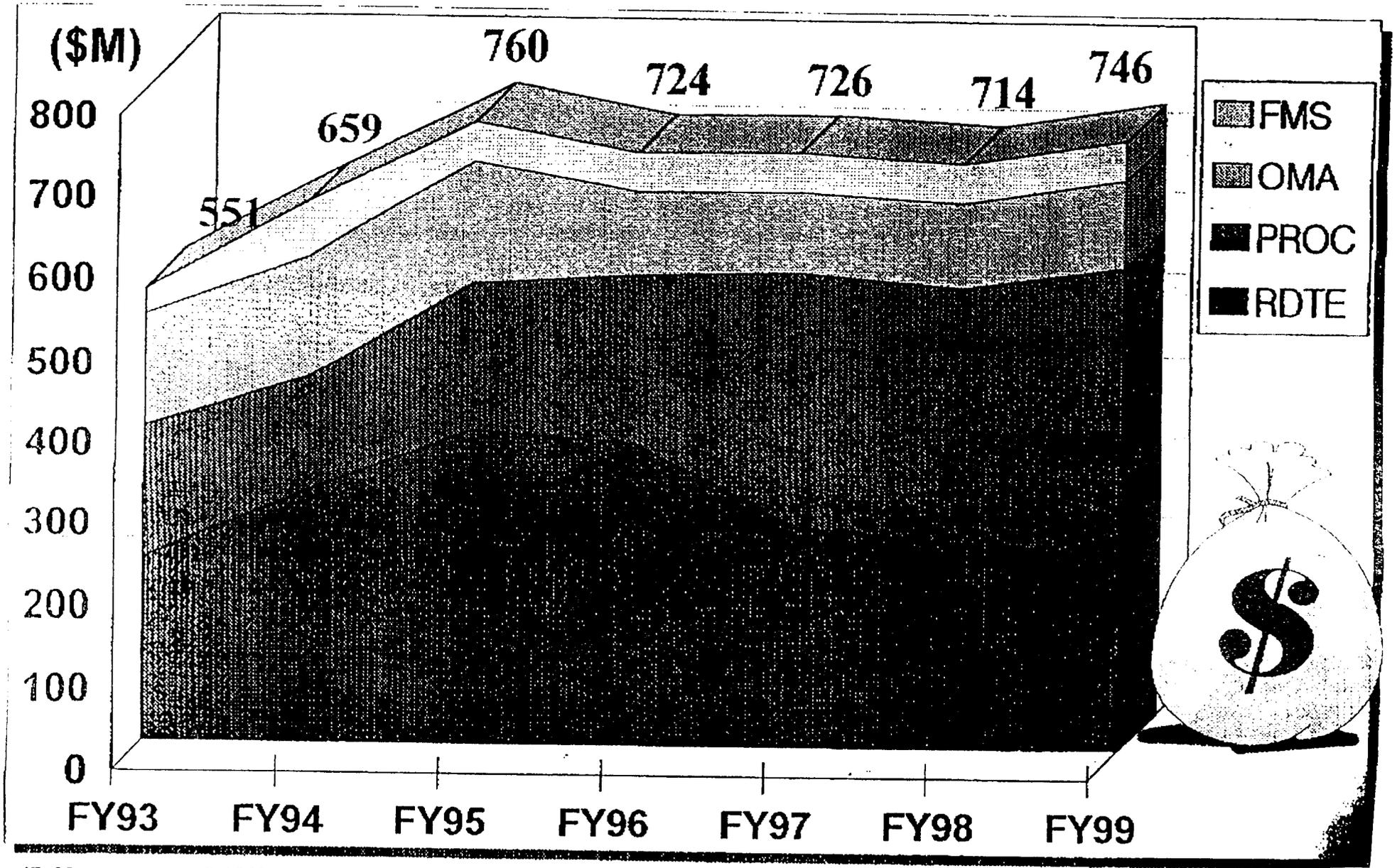
# RESOURCES

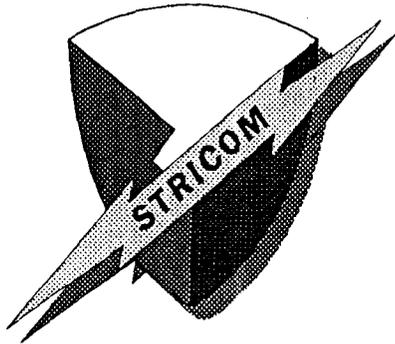
PEOPLE	AUTH
MILITARY	49
CIVILIAN	442
TOTAL	491
MANYEARS	
NAVAL AIR WARFARE CENTER-TSD	119
OGA/SUPPORT SERVICES	407
GRAND TOTAL	1017



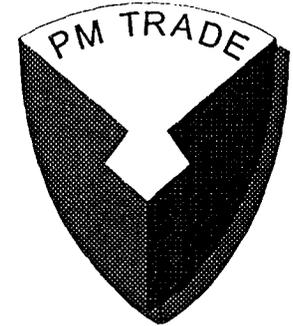


# RESOURCES





## PM TRADE PROJECT ACTIVITY

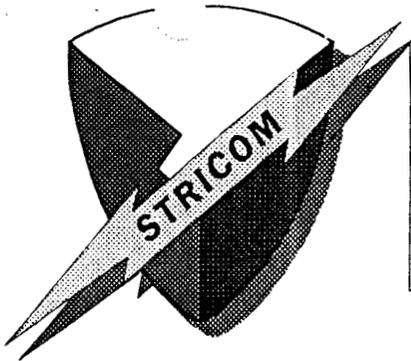


- **105 Projects In Progress**

- **Close Combat (ABRAMS, BRADLEY, AGS, JAVELIN...)**
- **Combat Support (CTC Inst., FSCATT, MILES 2000, DSCS...)**
- **Air Combat (SOACMS, APACHE CMS, AGES II, STINGER...)**

- **FY93 Project Results**

- **Over 41 Significant Contract Actions**
  - √ **Value Over \$237 Million**
- **Delivered 741 Training Devices**
  - √ **Value Over \$185 Million**



# PM DISTRIBUTED INTERACTIVE SIMULATION (DIS)

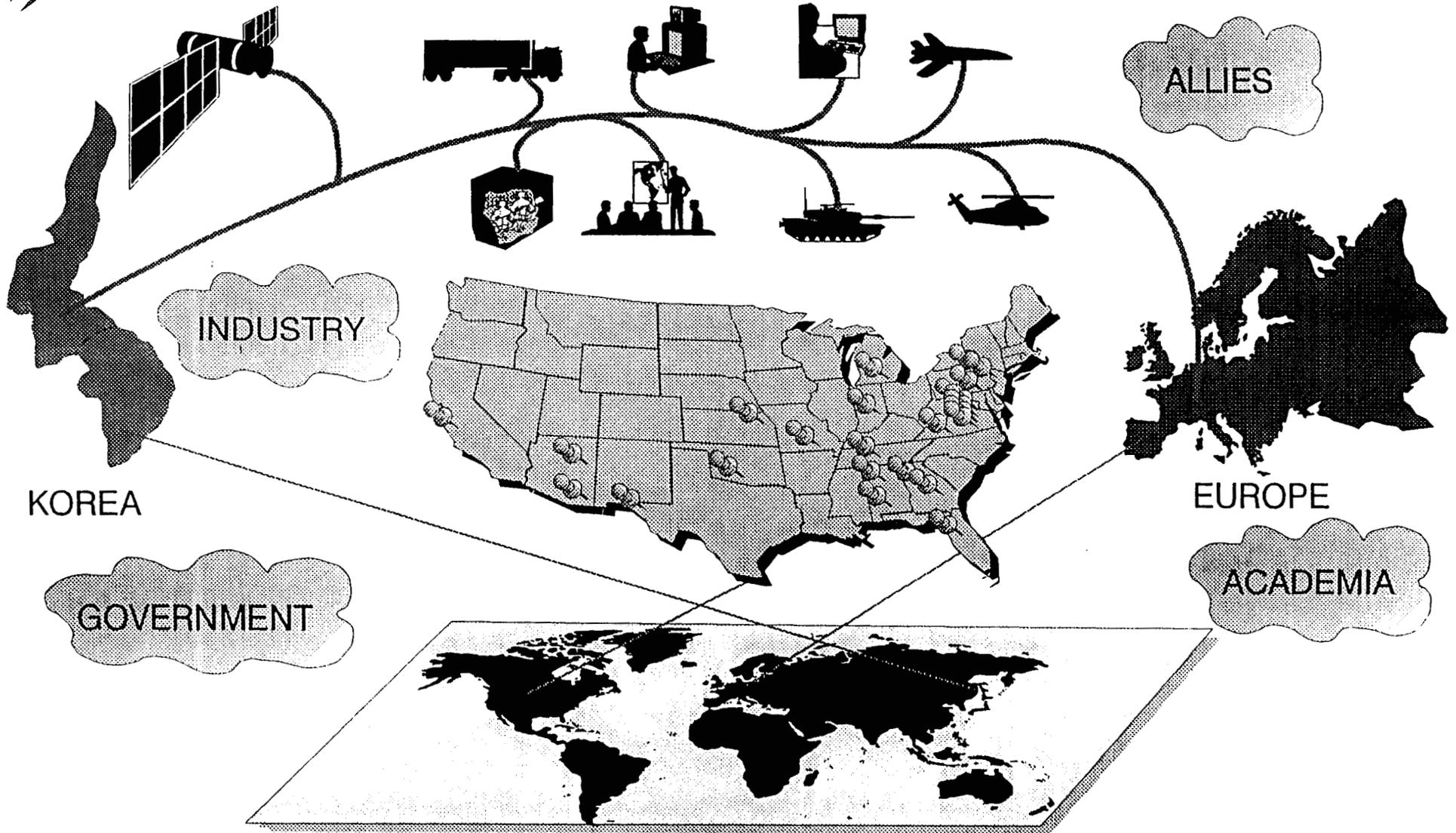


## MISSION

- DoD Lead for DIS
- Integrate the DIS Synthetic Environment in Support of the Louisiana Maneuvers (LAM), Battle Labs and Research, Development & Engineering Centers (RDECs)
- Manage the Combined Arms Assessment Network
- Develop and Maintain the Army's DIS Modernization Plan & Management Decision Package (MDEP)
- Develop & Maintain DIS Standards & Architecture for DoD
- Coordinate the Exploitation of Emerging DIS Technologies from Industry, ARPA, Academia, and Other Research Activities



# COMBINED ARMS ASSESSMENT NETWORK



ALLIES

INDUSTRY

KOREA

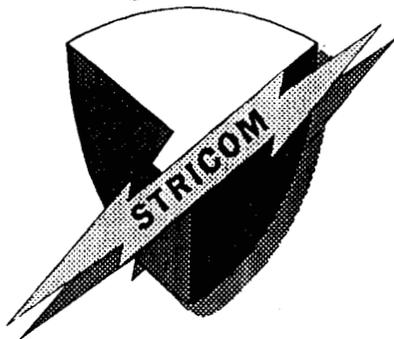
GOVERNMENT



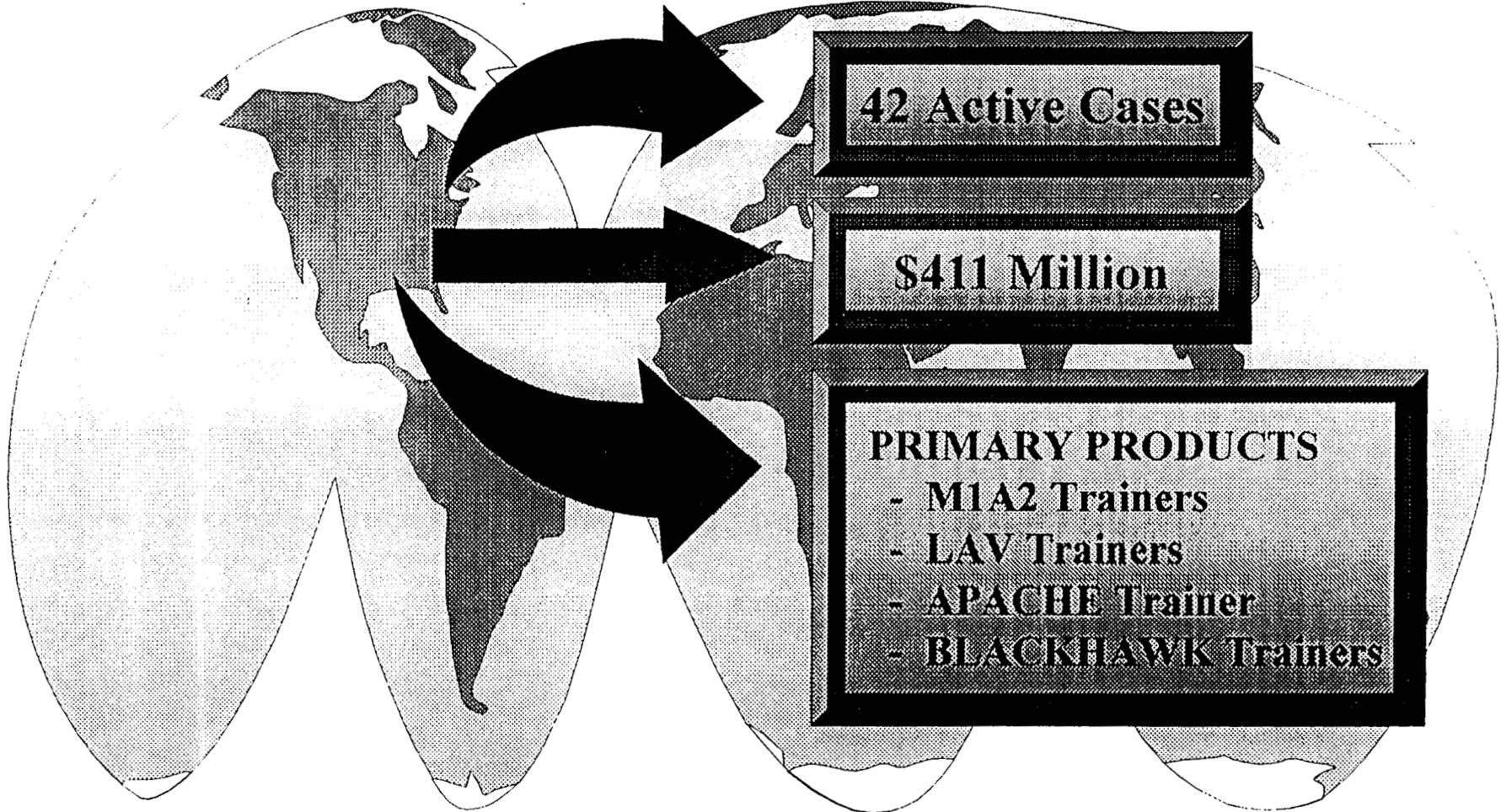
EUROPE

ACADEMIA





# STRICOM FOREIGN MILITARY SALES



42 Active Cases

\$411 Million

- PRIMARY PRODUCTS**
- M1A2 Trainers
  - LAV Trainers
  - APACHE Trainer
  - BLACKHAWK Trainers



**NAIWC**



*Training Systems Division*

**NAVAL AIR WARFARE CENTER**



## Square Footage

de Florez Bldg	237,533
Annex	29,313
Mechanical Bldg	4,000
Total	270,846

## Facilities

Galley/cafeateria 5,100 sq. ft.  
Wellness Center

## Parking

1,000 spaces

## Security

Closed-circuit TV  
Intrusion detection system  
Lynx security access control system  
Symplex fire protection system

## de Florez Complex

40.5 Total acres  
2.0 Buildable acres



# NAWCTSD HISTORY



1941 Established as Special Devices Desk-Bureau of Aeronautics

1946 Moved to Port Washington, N.Y.

1950 U.S. Army Participation Group established

1965 Moved to Orlando

1970 Marine Corps representation established

1975 Air Force representation established

1985 State of Florida Center of Excellence established

1988 Relocated to Central Florida Research Park

1993 Naval Air Warfare Center  
Training Systems Division



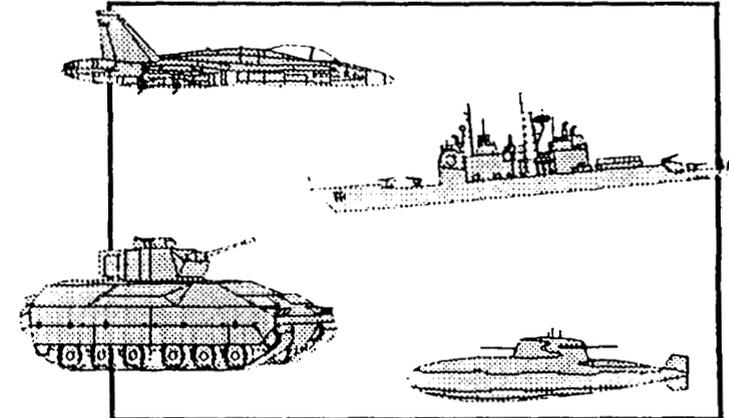
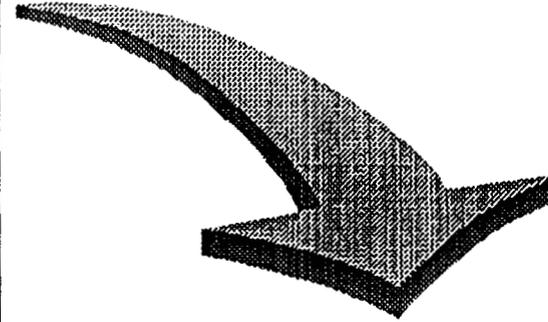


# NAWCTSD



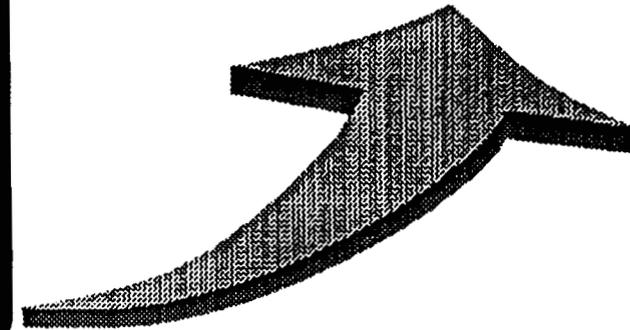
## MISSION

To be the principal Navy center for research, development, test and evaluation, acquisition and product support of training systems, to provide interservice coordination and training systems support for the Army and Air Force, and to perform such other functions and tasks as directed by higher authority.



## VISION

The world class leader in training, simulation and modeling systems, and provider of choice for quality products and services to our customers' total satisfaction.





# WORKFORCE



✓ **FORMAL EDUCATION**

**37 PHD; 246 MASTERS; 441 BACHELORS**

✓ **EXPERTISE**

- **ENGINEERS  
ELECTRONIC, COMPUTER,  
AEROSPACE, PHYSICS,  
ELECTRICAL, MECHANICAL,  
AND CIVIL**
- **COMPUTER SCIENTISTS**
- **INSTRUCTIONAL SYSTEMS  
DESIGNERS/DEVELOPERS**
- **PSYCHOLOGISTS/PHYSIOLOGISTS**
- **LOGISTICIANS**
- **PROGRAM MANAGEMENT**
- **ECONOMISTS**
- **ATTORNEYS**
- **CONTRACTING OFFICIALS**
- **BUSINESS AND FINANCIAL**
- **OPERATIONAL MILITARY  
EXPERIENCE**

**CENTER OF  
EXCELLENCE  
FOR SIMULATION  
AND TRAINING  
TECHNOLOGY**

NAVAL AIR  
WARFARE CENTER  
TRAINING  
SYSTEMS DIVISION

USAF  
OPERATING LOCATION  
TRAINING SYSTEM  
PRODUCT GROUP

SIMULATION,  
TRAINING AND  
INSTRUMENTATION  
COMMAND (STRICOM)

UNIVERSITY OF  
CENTRAL FLORIDA -  
INSTITUTE FOR  
SIMULATION AND  
TRAINING

ARMY RESEARCH  
INSTITUTE FIELD  
ACTIVITY

NAVAL  
RESERVE  
UNITS

AIR FORCE  
ARMSTRONG  
LABORATORY  
(PROPOSED  
RELOCATION)

STATE  
AND LOCAL  
GOVERNMENT

ARMY HUMAN  
ENGINEERING  
LABORATORY

INDUSTRY  
- APPROXIMATELY 140 FIRMS  
REPRESENTED ENGAGED IN  
SIMULATION, TRAINING AND  
TRAINING TECHNOLOGY

JOINT  
SIMULATION  
SYSTEMS (JSIMS)  
PROGRAM OFFICE

MARINE CORPS  
LIAISON

**GOVERNMENT, INDUSTRY, ACADEMIA COMMITTED TO COOPERATIVE RESEARCH, TECHNOLOGY  
TRANSFER, AND INFORMATION EXCHANGE AFFIRMED BY STATE OF FLORIDA RESOLUTION 16 APR 85**



# CUSTOMER DIVERSITY

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- DOD

- DEFENSE MODELING & SIMULATION OFFICE
- OFFICE OF THE SECRETARY OF DEFENSE

- MARINE CORPS
- ARMY
- AIR FORCE

- NAVY

- AVIATION
- SURFACE
- UNDERSEA
- CNET

- RESEARCH
- BUMED
- RESERVES

- OTHER

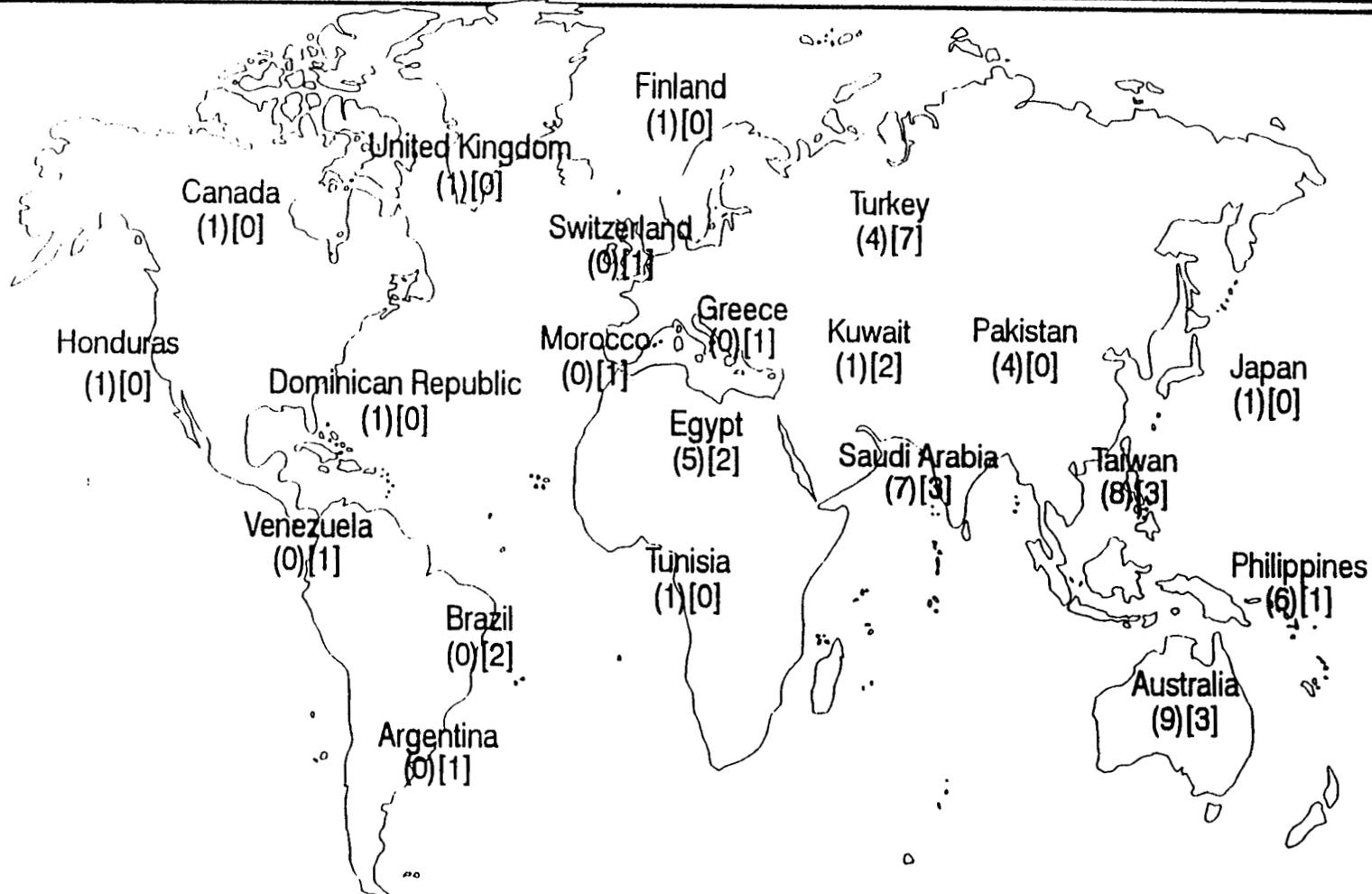
- FAA
- NASA
- COASTGUARD
- FOREIGN GOVERNMENTS

- ADVANCED RESEARCH PROJECTS AGENCY
- NATIONAL SECURITY AGENCY



# INTERNATIONAL PROGRAMS

Training Material Cases (51) Value \$280M  
Prospective Cases [28] Value \$160M



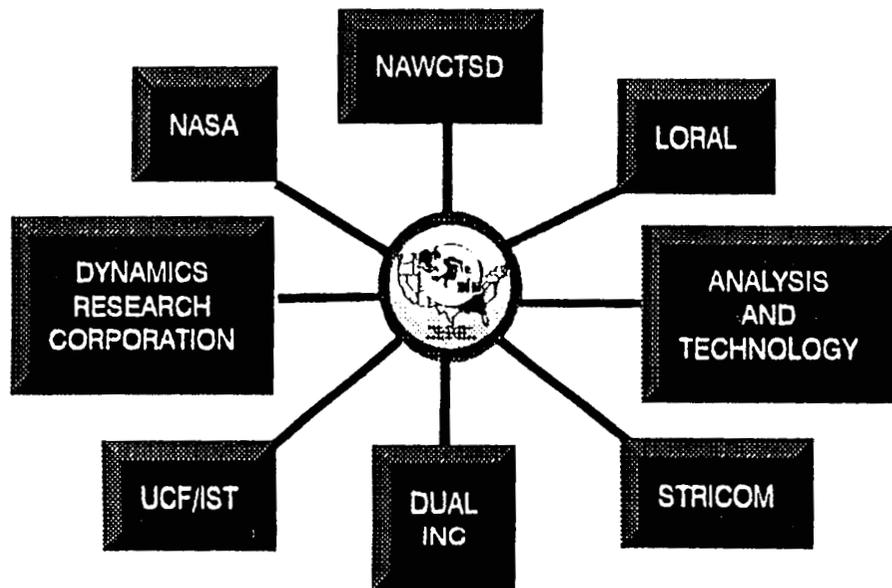
- REDUCES COST & RISK; LEVERAGES PMA/PMS/NAWCTSD PROGRAMS
- PROMOTES INTEROPERABILITY & COOPERATION WITH ALLIED SERVICES
- CREATES FUTURE SALES OPPORTUNITIES



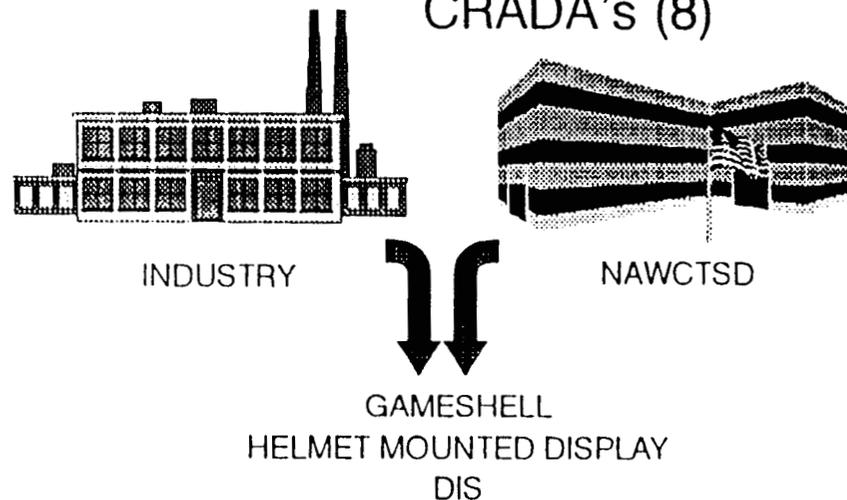
# TECHNOLOGY TRANSFER



## TRAINING & SIMULATION TECHNOLOGY CONSORTIUM



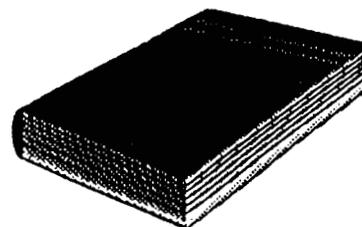
## CRADA's (8)



NASA



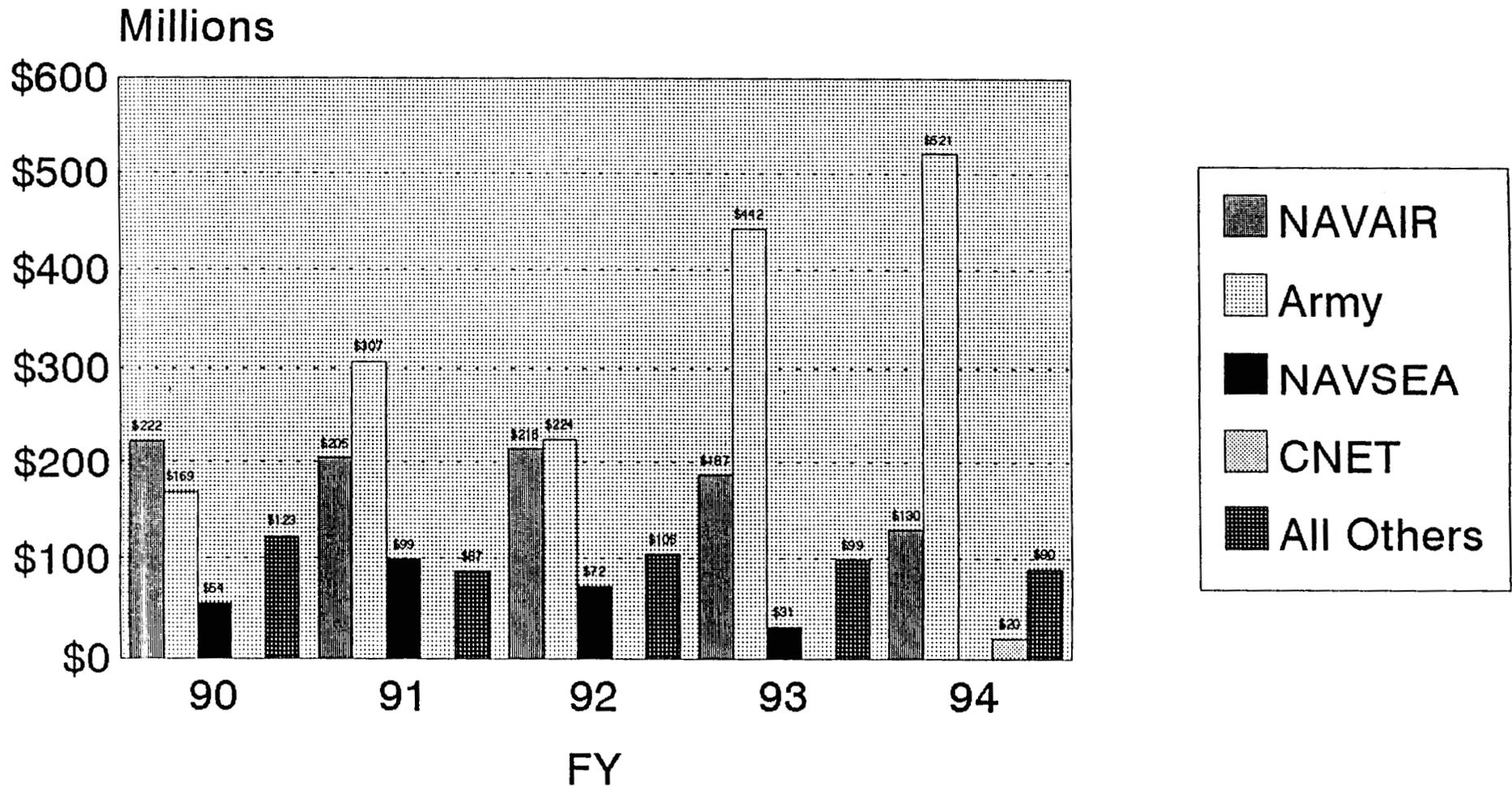
## ACADEMIA



- ✓ SCHOOL YEAR 2000
- ✓ SCHOOL PARTNERSHIPS
- ✓ VETT LAB AT MIT

# NAWCTSD's Three Largest Sponsors

(Amounts Include All Types of Funding Provided)



As of 30 Sep 94

(Beginning with 30 Sep 94, FY 94 also based on gross obligations)



# NAWCTSD

## TENANT ACTIVITIES

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- *BASEKEEPING, ADMINISTRATIVE, AND/OR TECHNICAL SUPPORT ARE PROVIDED TO THE FOLLOWING TENANTS OF NAVAIRWARCENTRASYS DIV..*
- U.S. ARMY SIMULATION, TRAINING AND INSTRUMENTATION COMMAND (STRICOM)
- ARMY RESEARCH INSTITUTE (ARI) FIELD OFFICE
- ARMY RESEARCH LABORATORY, HUMAN RESEARCH AND ENGINEERING DIRECTOR FIELD OFFICE
- MARINE CORPS LIAISON
- AIR FORCE LIAISON
- NAVAL AIR RESERVE UNIT, NAS JACKSONVILLE
- NAVAL AIR RESERVE UNIT, NAS ATLANTA
- NAVY DATA AUTOMATION FACILITY



# NAWCTSD

## TENANT ACTIVITIES (Cont)

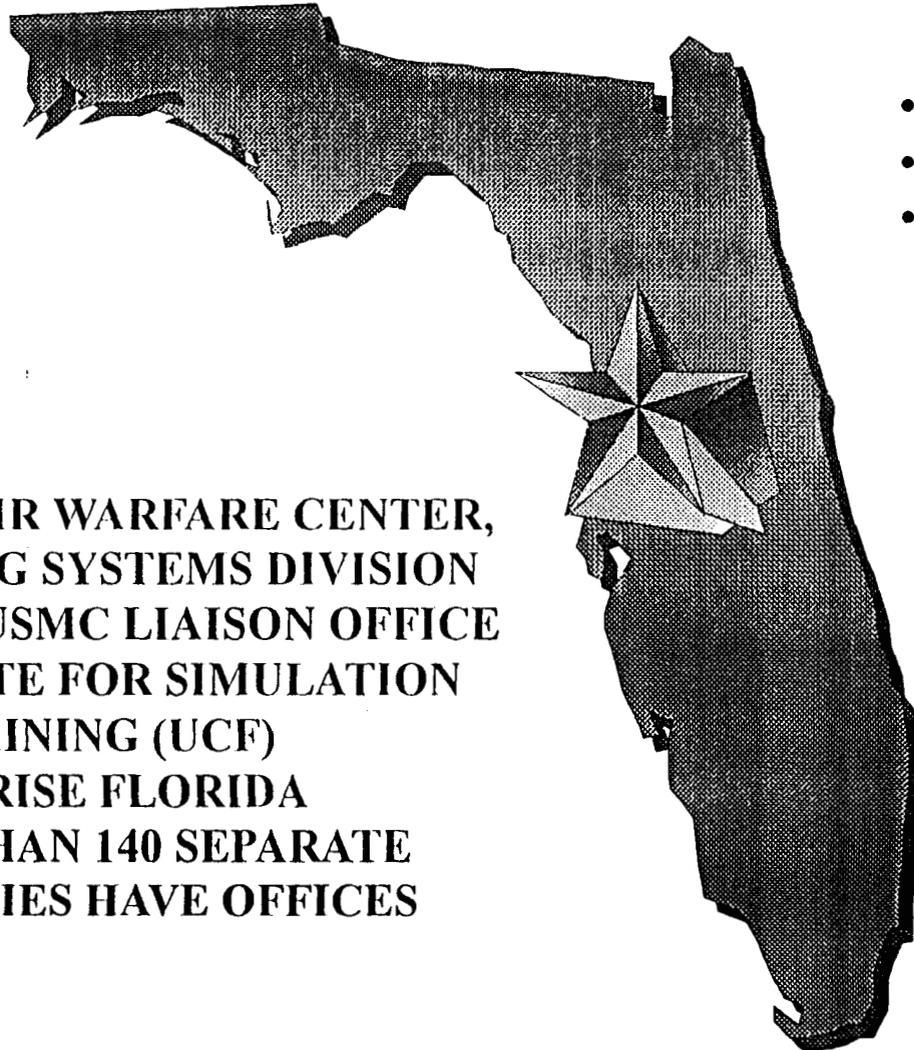
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- NAVY EXCHANGE SERVICE CENTER
- NAVAL CRIMINAL INVESTIGATIVE SERVICE
- DEFENSE PRINTING SERVICE DETACHMENT OFFICE
- PERSONNEL SUPPORT ACTIVITY
- SCHEDULED AIRLINE TICKET OFFICE
- OFFICE OF NAVAL INTELLIGENCE 1108
- DEFENSE INSTITUTE FOR TRAINING RESOURCE ANALYSIS
- DEFENSE FINANCE AND ACCOUNTING SYSTEM
- ARMSTRONG LABORATORY AIR CREW TRAINING RESEARCH DIVISION  
(DETACHMENT)
- SMALL BUSINESS ADMINISTRATION

# ORLANDO, FLORIDA

## A GROWING CENTER OF EXCELLENCE IN SIMULATION TECHNOLOGY



- NAVAL AIR WARFARE CENTER,  
TRAINING SYSTEMS DIVISION
- USAF & USMC LIAISON OFFICE
- INSTITUTE FOR SIMULATION  
AND TRAINING (UCF)
- ENTERPRISE FLORIDA
- MORE THAN 140 SEPARATE  
COMPANIES HAVE OFFICES  
IN AREA

- STRICOM
- ARI FIELD UNIT
- IRED LIAISON OFFICE

- JOINT TECHNICAL  
COORDINATION GROUP  
- TRAINING SYSTEM  
DEVICES
- TRAINING &  
SIMULATION  
TECHNOLOGY  
CONSORTIUM

# **THE IMPACT OF THE SIMULATION TRAINING INDUSTRY ON FLORIDA ECONOMY**

- **Total impact on Florida state economy in 1986 was \$1 Billion in gross state product**
  - \$335 Million in wages
  - 27,000 jobs
  - \$11.1 Million in state taxes
  - \$18.3 Million in local taxes
- **Each job in the state's Simulation and Training Industry was multiplied into 2.02 jobs**
- **Each \$1 of Output produced by the industry itself required an additional \$0.65 in supporting production from other parts of the state's economy**
- **Each \$1 in wages paid by the industry generated an additional \$0.65 in wages in other parts of Florida's economy**

# DOD/COMMUNITY PARTNERSHIP

- COLLOCATION OF MILITARY
- UCF PARTNERSHIP
- COMMUNITY SUPPORT PARTNERSHIPS  
IN EDUCATION, CFC, TEACHING  
BLOOD DRIVES, ADOPT NEEDY  
FAMILIES, MISCELLANEOUS VOLUNTEER  
SUPPORT



# CENTRAL FLORIDA ECONOMIC IMPACT



## EMPLOYMENT

	FY93 (ACTUAL)		FY94 (PROJECTED)	
	ARMY PROGRAMS	NAVY PROGRAMS	ARMY PROGRAMS	NAVY PROGRAMS
GOVERNMENT				
EMPLOYEES	456	945	541	929
SALARY	\$22M	\$40.4M	\$26M	\$40.2M
CONTRACTOR				
EMPLOYEES	.1050	450	1200	453
SALARY	\$38.1M	\$16.3M	\$43.5M	\$16.4M



# CENTRAL FLORIDA ECONOMIC IMPACT



( \$ MILLIONS )

	FY93 (ACTUAL)		FY94 (PROJECTED)	
	ARMY	NAVY	ARMY	NAVY
CONTRACT OBLIGATIONS				
LOCAL	\$125	\$25	\$147	\$25.2
TOTAL	\$572	\$304	\$674	\$305.8
ANNUAL OPERATING BUDGET				
BASE OPERATIONS	\$6	\$7.6	\$7	\$5.3
LOCAL IMPACT				
\$ EXPENDITURES	\$153	\$73	\$180	\$70.6



## VISITORS TO CENTRAL FLORIDA



▶ **STRICOM/NAWCTSD 60,000/YEAR**

▶ **Contractor Personnel 4,500/year**

**NOTE: Average Business Traveler to  
Central Florida spends \$172.00 per day**

**IMPACT: OVER \$10 Million yearly**