

Electronic Systems Center



Welcome to ESC

May 09



Overview



ESC Mission Overview

- Mission Overview
- History of ESC and Hanscom
- Enterprise Overview
- Hanscom Moving Forward

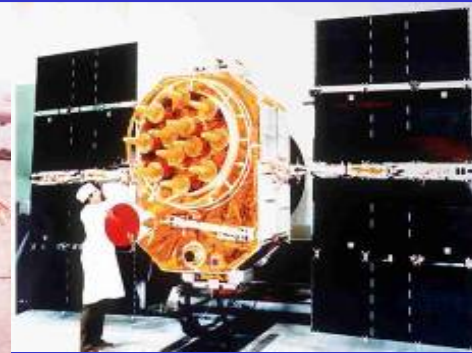
Integrity - Service - Excellence



ESC Mission



ESC Mission Overview



***Empower The Warfighter
To Leverage Information As An Effective Weapon
—Anywhere, Anytime!***



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Our Vision



ESC Mission Overview

War-winning Information Systems...

On time, On cost



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Laurence G. Hanscom



ESC Mission Overview

- **The State House reporter for the Worcester Telegram and The Evening Gazette**
- **The founder and first president of the Massachusetts Wing of the Civilian Air Reserve (1940)**
- **Just prior to his death he had been lobbying for the establishment of an airfield in Bedford**
- **He was performing acrobatics when his plane crashed on February 9, 1941**
- **Land named Laurence G. Hanscom Field, Boston Auxiliary Airport at Bedford in June 1941 and subsequently Hanscom Air Force Base**



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ESC -- A Rich Heritage



ESC Mission Overview

1940's



1949
Cambridge
Field Station
Becomes AF
Cambridge
Research Labs
(AFCRL)

1950's



1952
MIT est.
Lincoln Lab

1958
MIT Forms
MITRE Corp.

1960's
1970's



1961
ESD
Established

1980's
1990's



1992
ESD
Redesignated
ESC

2000+



2005
ESC
Reorganization
(Wing, Group, Squadron)

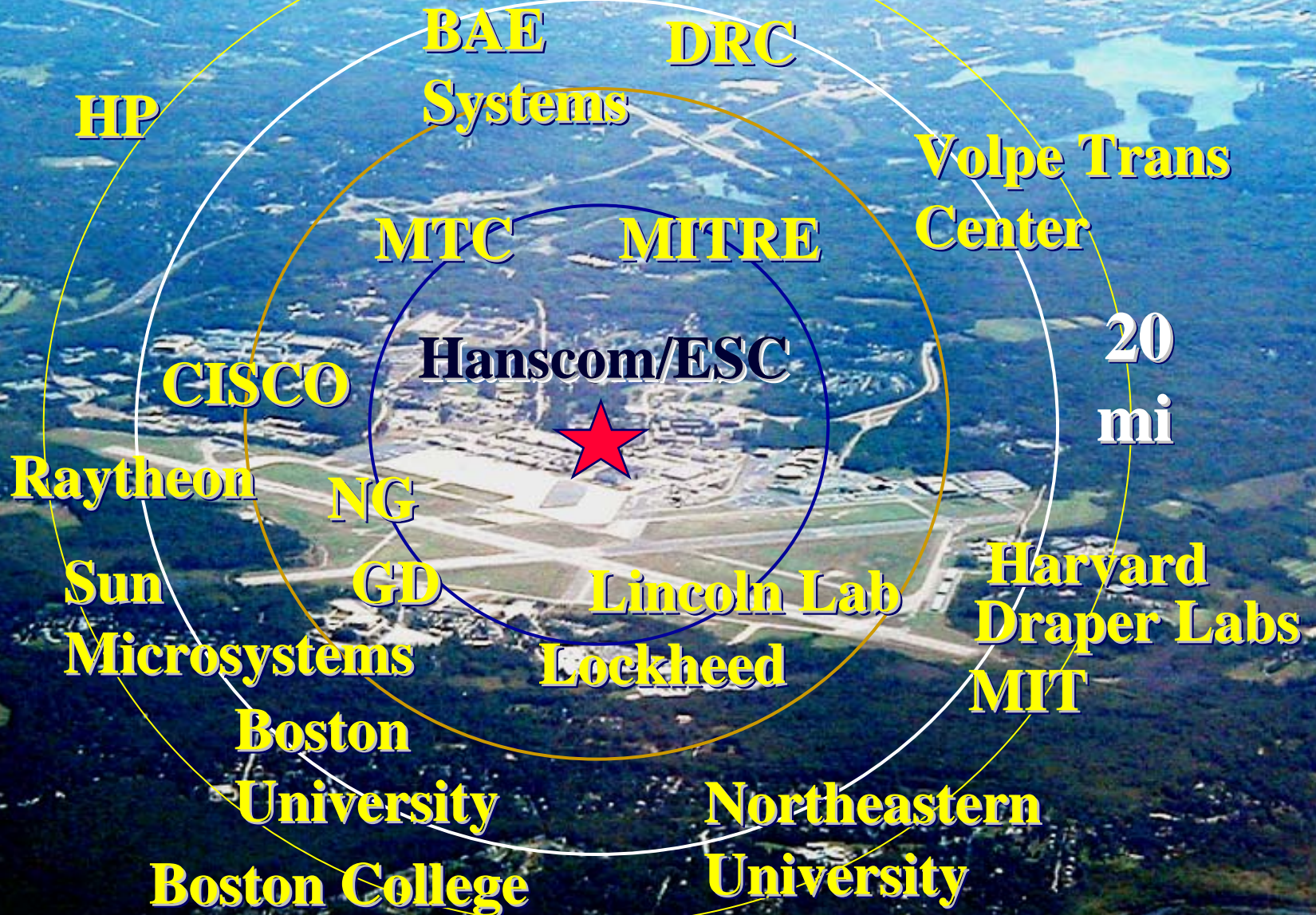
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Center of the Technology Hub World Class IT Firms & Academia



ESC Mission Overview



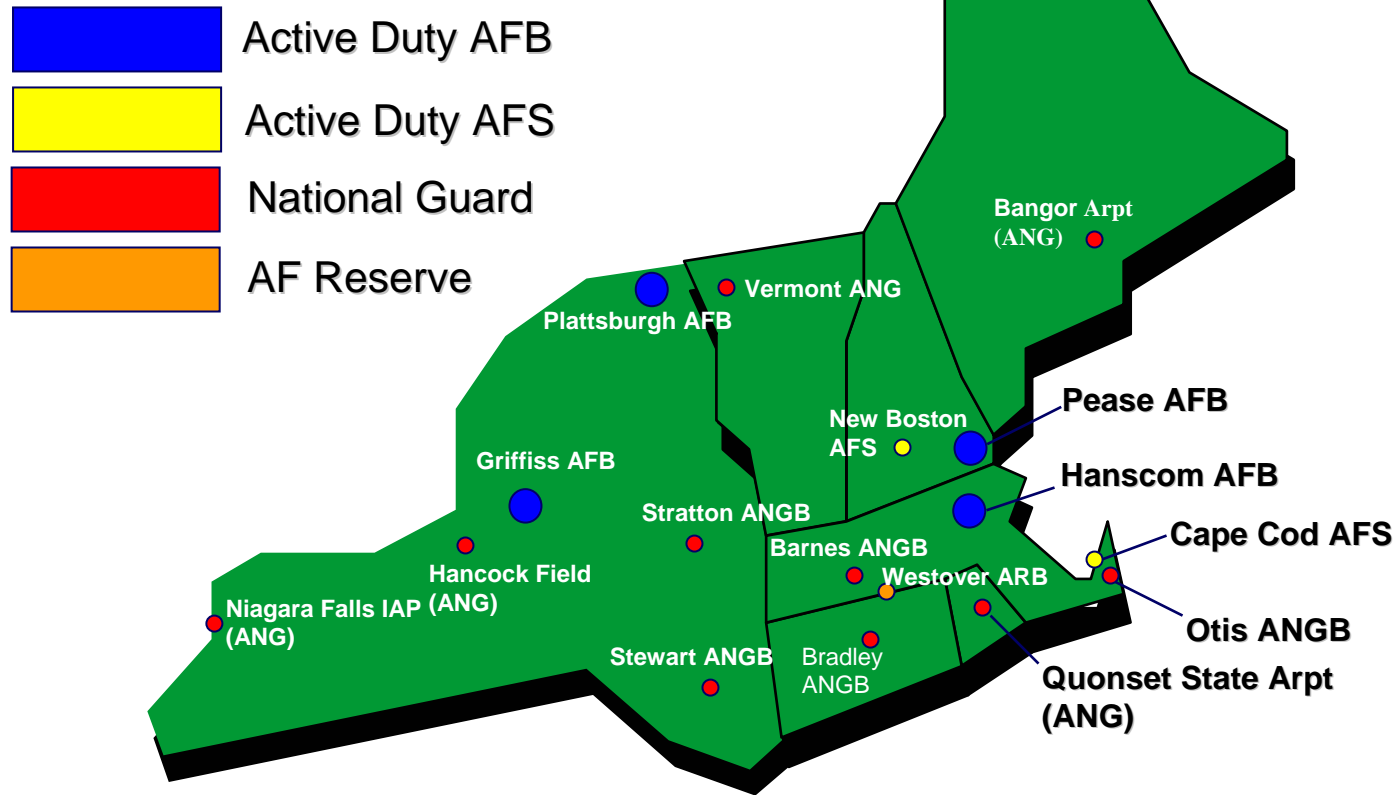


AF Bases of the North East 1991



ESC Mission Overview

1991 Active Duty AFBs: 5



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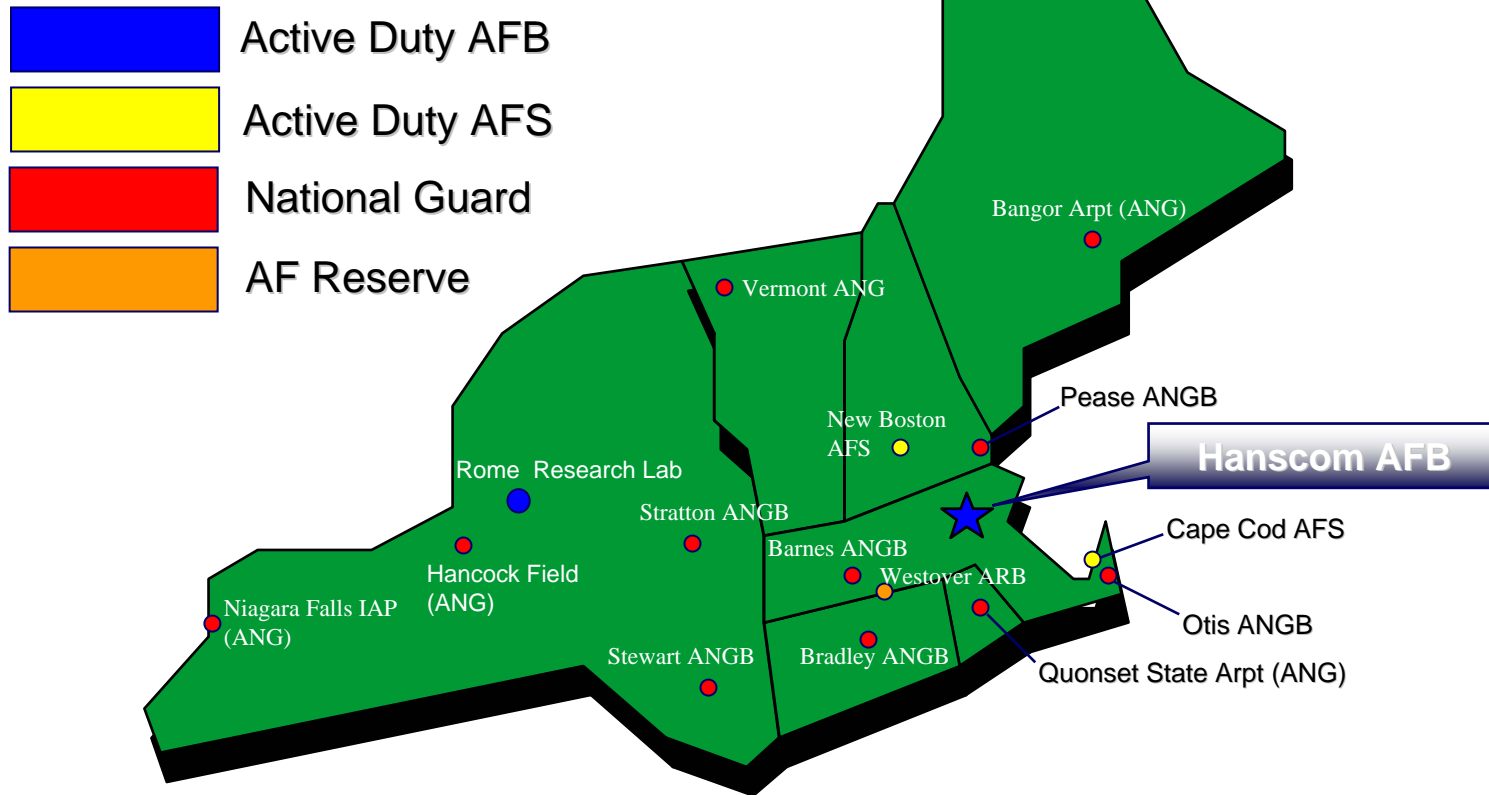


AF Bases of the North East Today



ESC Mission Overview

Current Active Duty AFBs: 1



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Hanscom's Economic Impact On Massachusetts (2007)



ESC Mission Overview

- 9th Largest Business Employer in MA
- Contract Awards: ~\$1.6B
- Total Payroll--Hanscom Complex: ~\$752M

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ESC Key Leadership



ESC Mission Overview



Lt Gen Ted Bowlds
ESC Commander



Mr. Richard W. Lombardi
Executive Director



BG Terry Feehan
Vice Commander



Col Robert Dominguez
350 ELSW
C2 & ISR Systems



Col Dwyer Dennis
551 ELSW
Battle Management



Col Derrick Richardson
554 ELSW
Operations Support



Mr. Ron Mason
653 ELSW
Cyberspace/Netcentric



Col David Orr
66th Air Base Wing

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ESC Functional/Support Leaders



ESC Mission Overview



Lt Gen Ted Bowlds
ESC Commander



Col Doug Murdock
JA



BG Terry Feehan
Vice Commander



Mr. Rich Lombardi
Executive Director



Col Russ Blaine
Chief of Staff

**MISSION
SUPPORT**

**ACQUISITION
&
RESOURCES**

**STAFF
SUPPORT**



Ms. Sheila Brennan
DP



Col Brian Shimel
FM



Col Doug Anderson
XP



Ms. Sue Angell
AQ



Mr. Steve Wert
EN



Col Hank Pandes
PK



Dr. Tim Rudolph
CTO



Dr. Charles Kelley
XR



Mr. Bill Donaldson
SB



Ms. Dana
Townsend
EO

CCX

BA

CCP

CSH

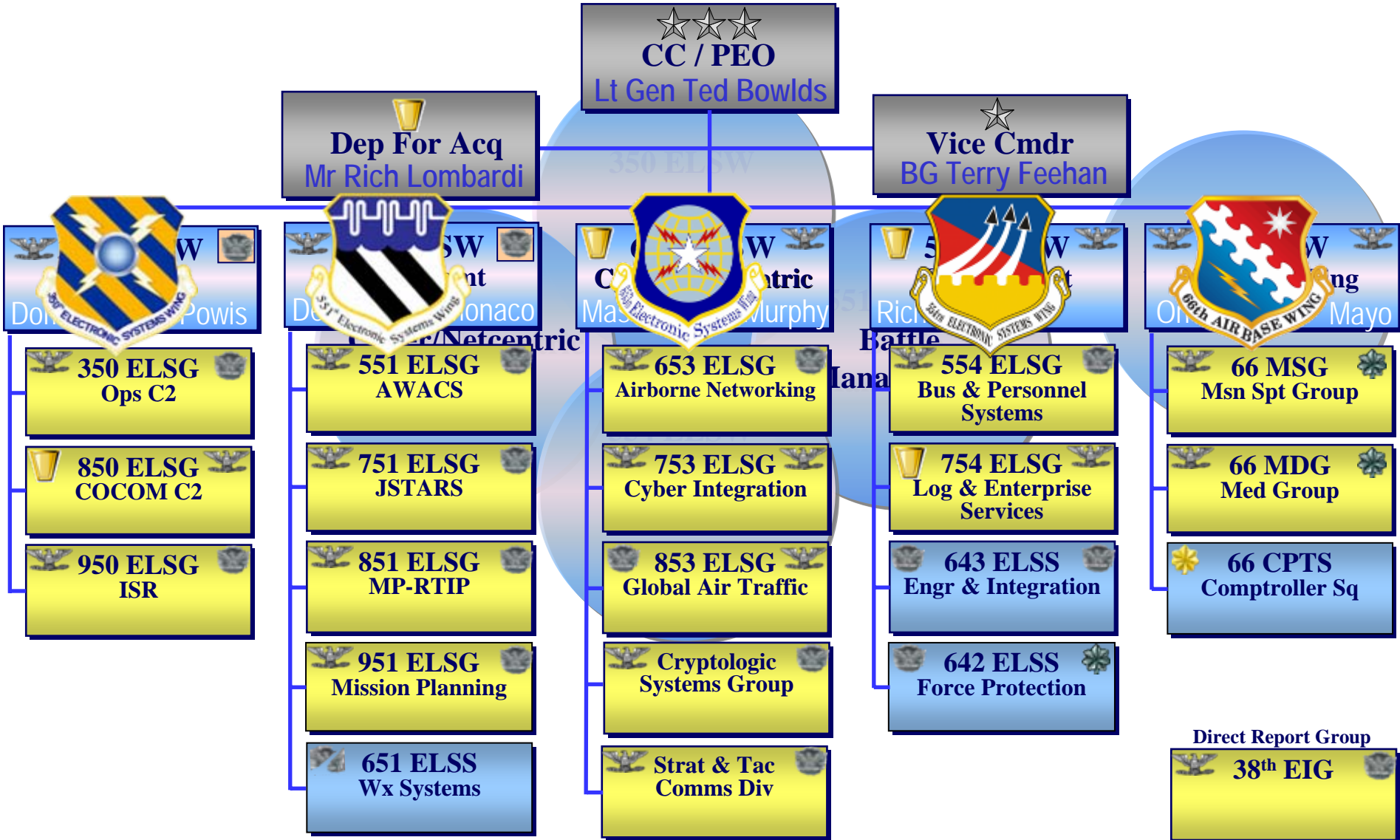
HO



Organized For Success



ESC Mission Overview





Distributed & Engaged

ESC Mission Overview

Hanscom AFB ~ 4,300 People
7 Major GSUs ~ 3,600 People
~400 Prgms/projects ~ \$5+ Billion/yr



STRATCOM

(21)

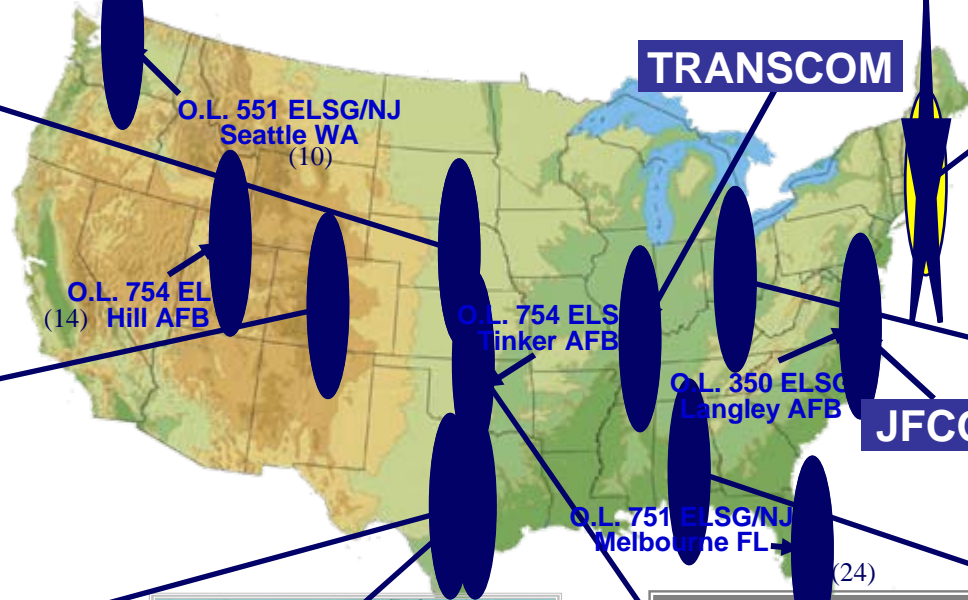


**NORTHCOM
NORAD**

(135)



**Personnel Systems Div
Randolph AFB TX**
(88)



**Cryptologic Sys Gp (CPSG)
Lackland AFB TX**
(613)



**38th Eng/Install Gp (38 EIG)
Tinker AFB OK**
(350)



**HQ ESC
Hanscom AFB MA**
(2169)



**554 ELSG
Wright-Patterson AFB OH**
(362)



**754 ELSG
Maxwell AFB AL**
(909)



Electronics Systems Center



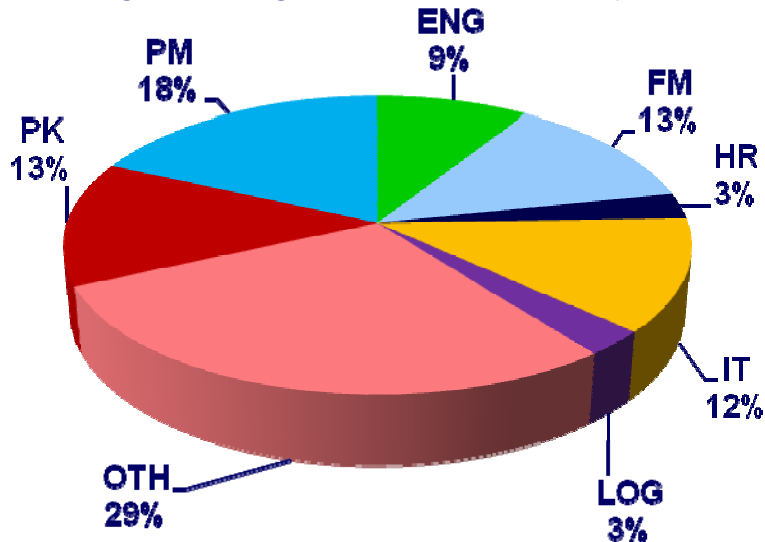
Demographics

As of: 2 March 2009

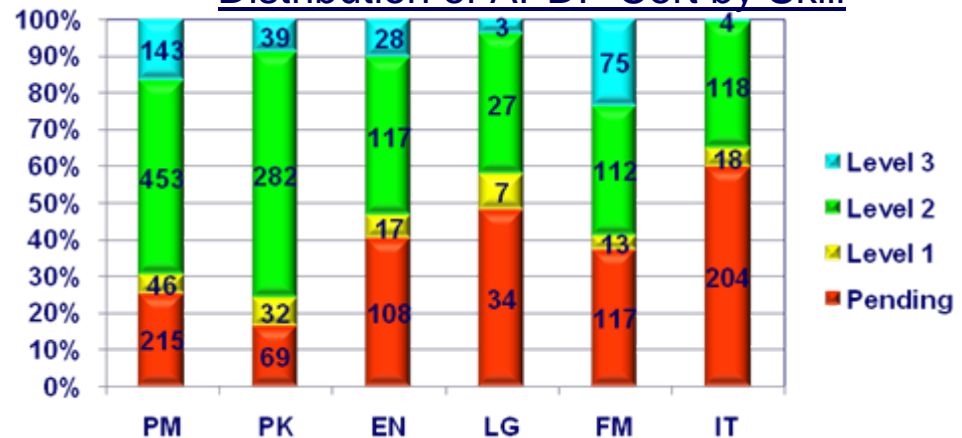
ESC Mission Overview

| | CIV | | ENL | | OFF | | CME | | Total | |
|--------------|-------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|
| | AUTH | ASSN | AUTH | ASSN | AUTH | ASSN | AUTH | ASSN | AUTH | ASSN |
| HQ Staff | 278 | 336 | 70 | 74 | 71 | 52 | 67 | 43 | 486 | 505 |
| 350 ELSW | 357 | 283 | 27 | 26 | 264 | 195 | 739 | 721 | 1387 | 1225 |
| 551 ELSW | 221 | 153 | 17 | 15 | 159 | 115 | 509 | 513 | 906 | 796 |
| 554 ELSW | 1066 | 943 | 414 | 408 | 191 | 99 | 638 | 597 | 2309 | 2047 |
| 653 ELSW | 695 | 587 | 141 | 151 | 178 | 146 | 1020 | 1016 | 2034 | 1900 |
| 66 ABW | 423 | 400 | 245 | 278 | 52 | 62 | 271 | 211 | 991 | 951 |
| TOTAL | 3040 | 2702 | 914 | 952 | 915 | 669 | 3244 | 3101 | 8113 | 7424 |

Assigned Organic Workforce by Skill



Distribution of APDP Cert by Skill



271 of 363 Critical Acquisition Positions are filled (77.7%)
 219 of 271 assigned to CAPs are certified at appropriate level (80.8%)

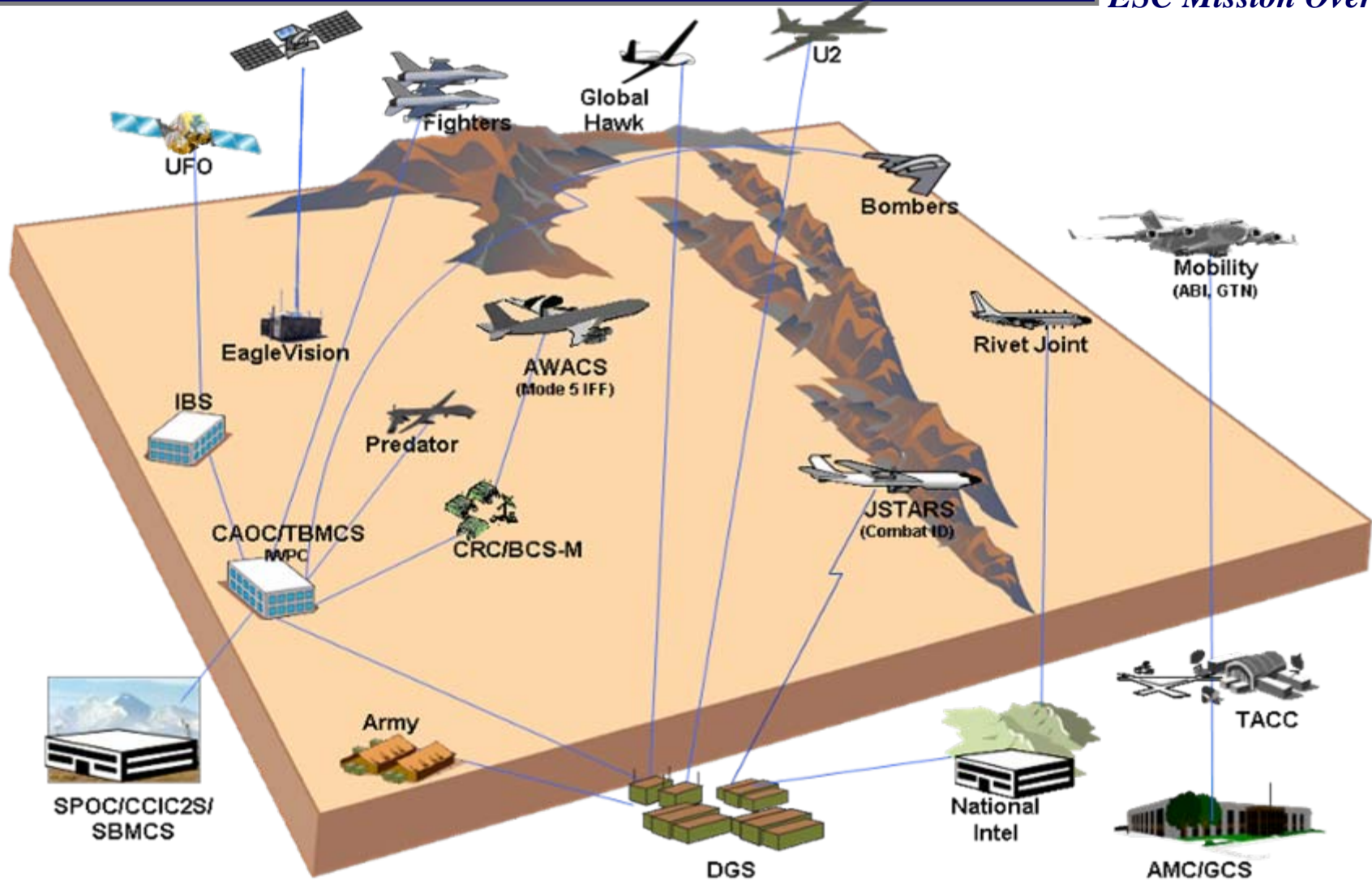


350th Electronic Systems Wing

C2 ISR



ESC Mission Overview



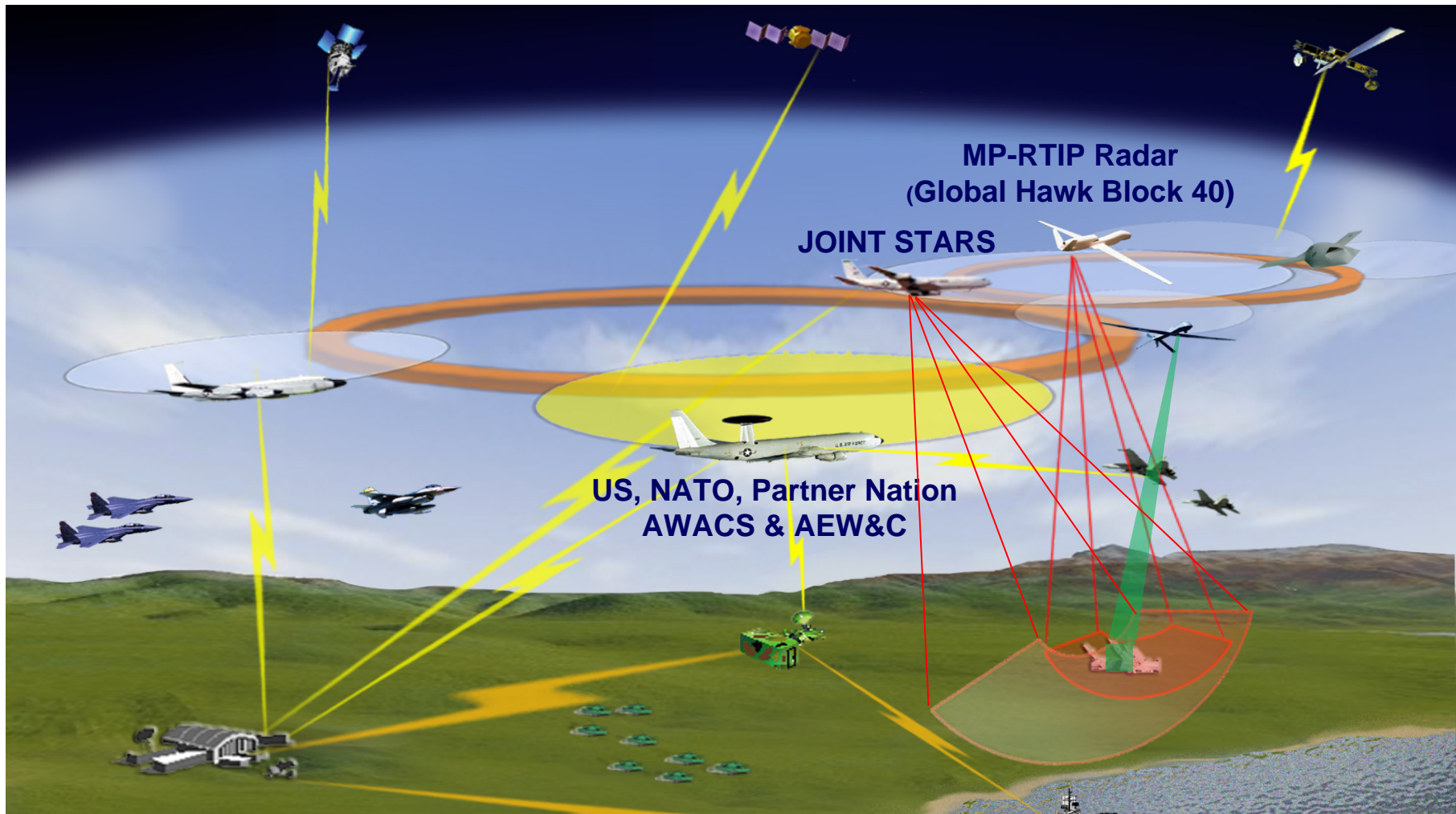
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551st Electronic Systems Wing Battle Management



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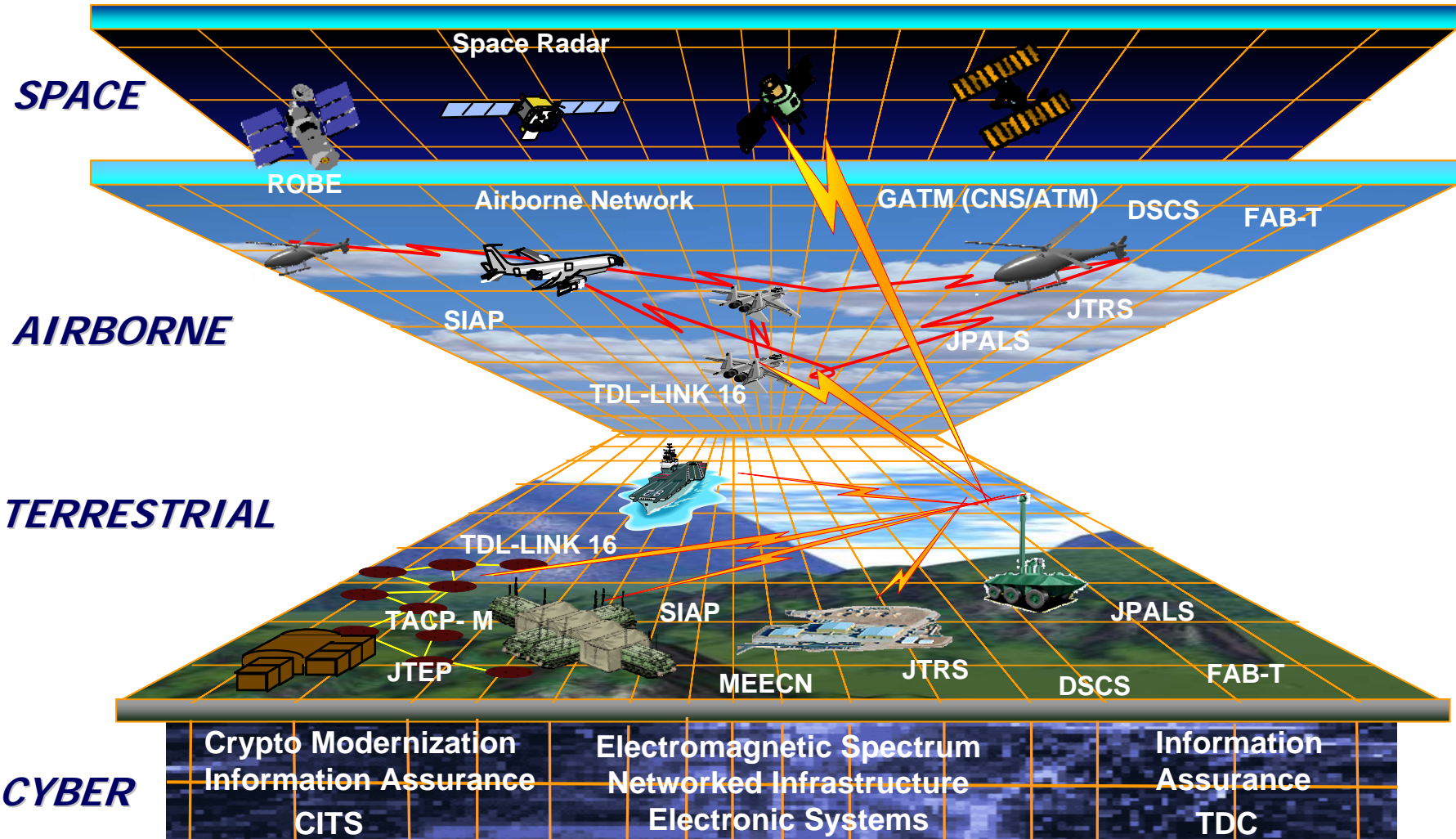
***Building and Maintaining AF and Partner C2 & ISR platforms...
and Evolving Towards a Net-centric C2 Constellation***



653d Electronic Systems Wing Cyber/Netcentric Operations



ESC Mission Overview



Achieve net-centric operations where anything on the network can be dynamically integrated to support any mission...



554th Electronic Systems Wing Operations Support



ESC Mission Overview



Airfield Ops
Judge Advocate
Acquisition
Manpower
Personnel

Logistics Readiness
Civil Eng / Safety
Medical / Services
Comm / Information
Security Forces

Munitions
Contracts
Financials
Comptroller
Maintenance



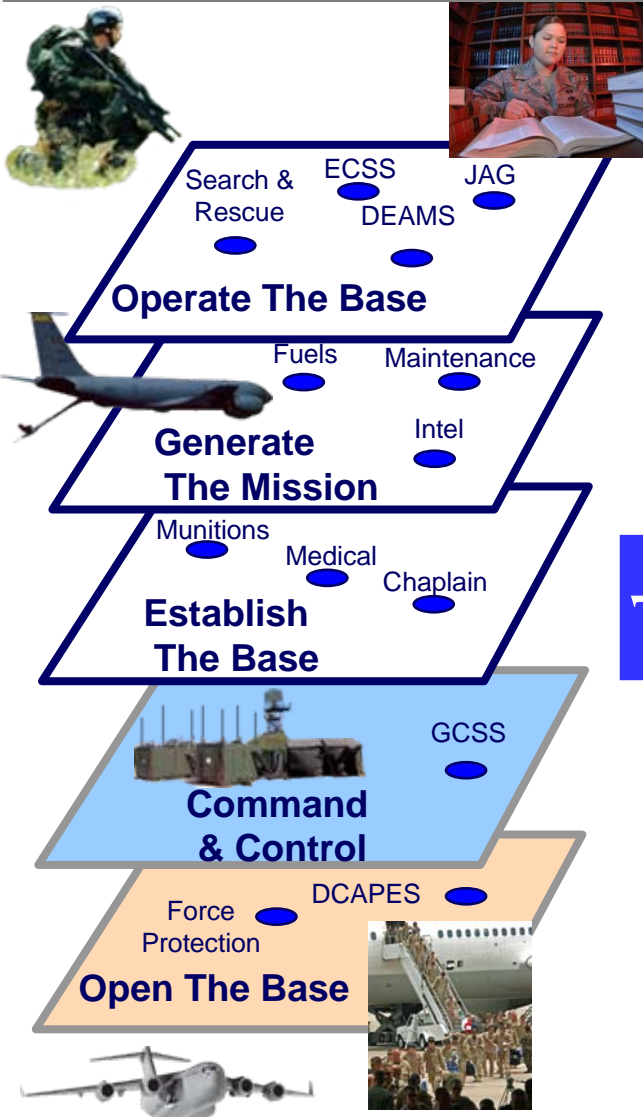
Supporting every Airman, every Civilian, every Retiree



ESC -- Mission Enabler

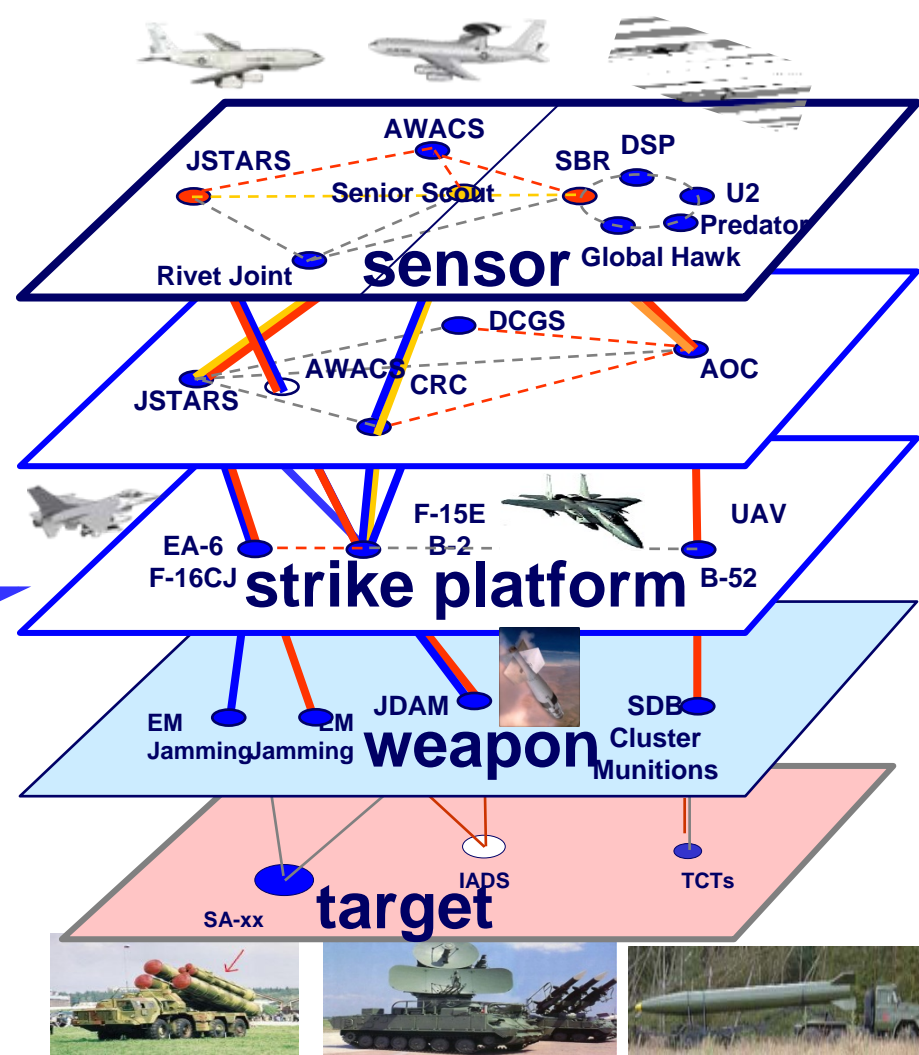


ESC Mission Overview



omb

Operate



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Making progress...

Replace Acquisition Mgt Fac, Phase I B-1600



ESC Mission Overview

- \$12.8M MILCON – FY08 Insert approved
- Built in the 1950's - small rooms with long corridors
- Infrastructure deteriorated and inadequate
- Will provide suitable working space for ESC acquisition professionals



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ESC Deployed Personnel



ESC Mission Overview

***Since 2002
ESC Deployed Over
1100 of Its Members,
and We Average
About 200 Each Year
In Support of the
Global War on Terror***



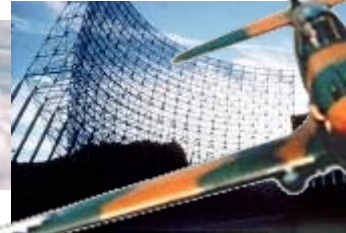


ESC & Hanscom AFB



ESC Mission Overview

A Rich
Heritage...



Incredible Air Force People Shaping the Future...



...Putting the Cursor On the Target