



# CAPABILITIES | ground-based

## Space Domain Awareness

SDA | MISSION DELTA 2

**GEODSS / ST-15**  
Ground-Based Electro-Optical Deep Space Surveillance  
Diego Garcia  
Maui  
Socorro

**Eglin Radar / ST-85**  
Eglin AFB

**Space Fence / ST-20**  
Kwajalein Atoll

**Space Surveillance Telescope / ST-45**  
Australia

**C-Band Radar / ST-48**  
Australia

## Missile Warning and Defense Radar

MWT | MISSION DELTA 4

**PARCS / WT-10**  
Perimeter Acquisition Radar Attack Characterization System  
Cavalier SFS

**Cobra Dane / ST-108**  
Eareckson AS

**UEWR / WT-132**  
Upgraded Early Warning Radar  
Beale AFB  
Cape Cod SFS  
Clear SFS  
RAF Fylingdales  
Pituffik SB

**JTAGS / WT-5**  
(Joint Tactical Ground Station)  
Japan  
Korea  
Europe  
Middle East

**LRDR**  
Long Range Discrimination Radar  
Clear SFS

## Intelligence, Surveillance, Reconnaissance and Targeting

ISRT | SPACE DELTA 7

Conducts ISR operations for and from the Space Domain to characterize threats and identify vulnerabilities



## Satellite Control Network

SCN / CT-22 | MISSION DELTA 31

**BOSS**  
New Boston SFS

**POGO**  
Pituffik SB

**COOK**  
Vandenberg SFB

**REEF**  
Diego Garcia

**GUAM**  
Micronesia

**HULA**  
Ka'ena Point SFS, Hawaii

**LION**  
RAF Oakhanger



## Mobile Satellite Control Systems

SATCOM | MISSION DELTA 8

**MCCS**  
Mobile Constellation Control System



Electrical Power  
HVAC

MISSION SUPPORT | SPACE BASE DELTAS 1, 2 AND 41

## Weapon System Infrastructure

## Space Electromagnetic Warfare

SEW | MISSION DELTA 3



## Cyberspace Warfare

CW | MISSION DELTA 6



Elite cyber warfare capabilities and operations to core space functions

## Satellite Command and Control Centers

Schriever SFB  
Buckley SFB

NBVC Point Mugu

5 Wideband SATCOM Operations Centers



Critical services provided by Airmen and Civilians that enable the mission and maintain readiness

- Force Protection
- Medical & Dental
- Contracting Services
- Logistics
- Finance
- etc...



Current as of 17 April 2026

**Legacy Name / USSF Weapon System Designator**  
New USSF Weapon System Designators are replacing legacy names in operational usage; USSF systems will be given themed common names in accordance with new USSF naming convention