

16th ELECTROMAGNETIC WARFARE SQUADRON



MISSION

The 16th Space Control Squadron is responsible for operating space control capabilities to rapidly achieve flexible and versatile space superiority in support of theater campaigns and USSTRATCOM's Space Superiority mission. To achieve this, 16th SPCS operates the RAIDRS Central Operating Location, up to six RAIDRS Fixed Ground Stations and three RAIDRS Deployable Ground Segments. The unit provides near real-time event detection, characterization, geolocation and electromagnetic interference reporting for critical satellite communications systems in direct support of combatant commanders. When fully operational, RAIDRS will detect EMI in the C-, X-, and Ku- frequencies and will geolocate interference affecting these and UHF frequencies.

LINEAGE¹

16th Surveillance Squadron constituted and activated, 1 Nov 1966

Organized, 1 Jan 1967

Redesignated 16th Space Surveillance Squadron, 15 May 1992

Inactivated, 1 Oct 1994

Redesignated 16th Space Control Squadron, 4 May 2007

Activated, 16th May 2007

Changed status from a unit of United States Air Force to a unit of United States Space Force,
21 Oct 2020

Redesignated 16th Electromagnetic Warfare Squadron, 13 Apr 2022

¹ Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.

STATIONS

Shemya AFS (later, Shemya AFB; Eareckson AFB), Alaska, 1 Jan 1967-1 Oct 1994
Peterson AFB (later, SFB), Colorado, 16 May 2007

ASSIGNMENTS

Air Defense Command, 1 Nov 1966
73d Aerospace Surveillance Wing, 1 Jan 1967
Fourteenth Aerospace Force, 30 Apr 1971
Alaskan ADCOM Region, 1 Oct 1976
47th Air Division, 1 Dec 1979
1st Space Wing, 1 May 1983
73d Space Surveillance (later, 73 Space) Group, 1 Sep 1991-1 Oct 1994
21st Operations Group, 16 May 2007
721st Operations Group, 1 Oct 2019
Space Delta 3, 24 Jul 2020

COMMANDERS

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

Air Force Outstanding Unit Awards
1 Jan 1974-31 May 1975
1 Jul 1980-30 Jun 1982
1 May 1983-30 Apr 1984
1 Sep 1989-31 Aug 1991
[16 May]-30 Sep 2007
1 Oct 2009-30 Sep 2011
1 Oct 2011-30 Sep 2012
1 Oct 2012-30 Sep 2014

EMBLEM



Approved, 20 Jul 1984



Air Force emblem approved, 21 Aug 2008

Space Force emblem approved, 19 May 2023

MOTTO

OPERATIONS