

## 116 AIR CONTROL SQUADRON



### **MISSION**

Oregon Air National Guard's 116th Air Control Squadron (ACS), located at Camp Rilea, Warrenton, Oregon, is a deployable radar/communications unit with superior mobility and response to global and local missions. The Unit is comprised of 185 members who support Air Control and Combat Communications.

The operational mission of a CRC is to provide the Joint/Combined Forces Air Component Commander (J/CFACC) with the means to direct and execute air operations. The CRC provides the Air and Space Operations Center (AOC) the primary interface for centralized command of BMC2 agencies from all the services contributing to the air campaign plan. The CRC may be responsible for: battle management, surveillance, weapons control, combat airspace management and data link management.

### **LINEAGE**

116 Tactical Control Squadron received federal recognition, 9 Jun 1971

Redesignated 116 Tactical Control Flight, 1 May 1987

Redesignated 116 Tactical Control Squadron, 15 Oct 1988

Redesignated 116 Air Control Squadron, 16 Jun 1992

### **STATIONS**

Portland, Air National Guard Base, Oregon

Camp Rilea National Guard Training Site, Warrenton, OR, 19 Sep 1988

### **ASSIGNMENTS**

## COMMANDERS

LTC Gordon L. Forslund, 9 Jun 1971  
Col Benjamin W. Faber, 12 Feb 1973  
LTC Donald R. Tonole, 27 Oct 1974  
LTC Mark E. Luedtke, 1 Oct 1975  
Col Daniel M. Duffy, 2 May 1978  
LTC Keith E. Johnson, 1 Jun 1982  
LTC James T. Faull, 1 May 1984  
Col Thomas P. Jons, 1 Sep 1991  
Col Michael J. Nugent, Feb 1996  
LTC Joel F. Pannebaker, Sep 1998

## HONORS

### Service Streamers

### Campaign Streamers

### Armed Forces Expeditionary Streamers

### Decorations

Air Force Outstanding Unit Award

## EMBLEM



## MOTTO

## NICKNAME

## OPERATIONS

The 116th Aircraft Control Squadron was constituted and allotted to the National Guard effective

24 May 1946. On 8 July 1946 the 116th Aircraft Control Squadron was authorized to organize at Marietta AAB, Georgia and was assigned to the 154 Aircraft Control & Warning Group. Federal recognition was received 10 December 1946.

The unit was alerted for federal service on 6 December 1950.

*Advanced Detachment, 116th Aircraft Control & Warning Squadron was organized on 14 December 1950 at Dobbins AFB, GA. The Advanced Detachment was organized as a holding unit for key personnel activated from the 116th Aircraft Control & Warning Squadron prior to the units mobilization. Upon mobilization of the 116th Aircraft Control & Warning Squadron on 8 January 1951 the Advanced Detachment, 116th Aircraft Control & Warning Squadron was discontinued and previously activated personnel transferred.*

On 3 January 1951 the unit was notified it would be redesignated and reorganized as the 116 Aircraft Control & Warning Squadron (Tactical) effective after 18 January 1951. The unit was activated on 8 January 1951 as the 116th Aircraft Control Squadron. A station change followed, 15 January 1951, to Sewart AFB, Tennessee. Redesignated and reorganized as the 116th Aircraft Control & Warning Squadron (Tactical) and assigned to the 154th Aircraft Control & Warning Group (Tactical) occurred on 5 February 1951. From 9 to 20 February 1951 messages and letters changed the redesignation portion of the original messages and orders; so as, the 116th was redesignated 116th Tactical Control Squadron effective 5 February 1951 and assigned to the 154th Tactical Control Group. The unit was redesignated and reorganized as the 116th Aircraft Control & Warning Squadron effective 6 July 1951 and assigned to the 154th Aircraft Control & Warning Group.

The unit was alerted for Permanent Change of Station (PCS) and foreign service on 20 August 1951. Notified, 8 October 1951, of movement through NYPE and Casablanca, French Morocco for further movement as directed by Commanding General, USAFE. On 14 November 1951 the readiness date for relocation changed from 1 December 1951 to 1 March 1952. The unit departed Sewart AFB, Tennessee on 2 June 1952 and arrived at Casablanca, French Morocco on 16 June 1952. The unit arrived at Nouasseur, French Morocco (PCS) on 11 August 1952. On 20 August 1952 the unit moved to Rabat Sale, French Morocco another PCS. The unit was relieved from active military service, less personnel and equipment, and returned to NGB control on 8 October 1952.

The 116th Tactical Control Squadron (Control and Reporting Center) was constituted and allotted, 27 May 1971, with station at Portland ANG Base, Oregon and assigned to the 153rd Tactical Control Group. Federal recognition was received on 9 June 1971. The unit was reassigned to the 154th Tactical Control Group effective 1 April 1976. The 258 total assigned personnel consisted of 30 officers and 228 airmen.

Prime mission equipment in the early 1970's included the MPS-11 RADAR System, UPA-35 RADAR Control Scopes and TRC-24 Wideband Radios. In May 1972, FAA certification was received and the unit provided RADAR control to its first live air mission. In 1974, the TRC-24 radios were

replaced with the more sophisticated TRC-97 Troposcatter radios. In December 1979, the unit received a new TPS-43E three-dimensional RADAR and a TSQ-92 Operations Shelter. This equipment replaced much older equipment and significantly enhanced the capabilities of the unit.

In July 1984, military enhancements and increased personnel authorizations raised the unit's strength to 290 people.

February, 1987: Announced that the 116th TCS would relocate from Portland to Camp Rilea on the Oregon Coast. As a result of this major reorganization in the tactical control system, the unit was reduced from 200 to 90 members.

On 1 May 1987, the mission of the 116th changed to a Forward Air Control Post (FACP). This smaller element of the Tactical Air Control System was authorized 93 military positions, consisting of 10 Officers and 83 enlisted personnel.

In October of 1988 the unit moved from Portland ANG Base to Camp Rilea, Oregon.

New equipment started to arrive at the 116th on 1 October 1993, and the mission once again changed to that of a Control and Reporting Element (CRE). The new equipment changed the RADAR to an improved TPS-75 system, Satellite Communications, more sophisticated Wideband radios and modular operation shelters. The unit designation was changed to the 116th Air Control Squadron with the advent of the CRE mission. Through the years, the 116th has participated in numerous Joint Chiefs of Staff exercises, Composite force training exercises, NORAD exercises, Major Command exercises, and National Guard exercises, as well as unit generated deployments and contingencies worldwide. Most recently these have included the Caribbean, Columbia, Saudi Arabia, Italy, and Hungary. Closer to home, the unit has been the primary RADAR element for three Green Flag (NV), Northern Edge (AK), and Red Flag (NV) exercises.

The 116th Tactical Control Squadron (TCS), Control and Reporting Center (CRC) was constituted and allotted, 27 May 1971, with station at Portland Air National Guard Base, Oregon and assigned to the 153rd Tactical Control Group. Federal recognition was received on 9 June 1971. The unit was reassigned to the 154th Tactical Control Group effective 1 April 1976.

The unit's initial tactical mission was as a manual CRC, the senior element of the USAF Tactical Air Control System. The 258 total assigned personnel consisted of 30 officers and 228 airmen. Prime mission equipment in the early 1970's included the MPS-11 RADAR System, UPA-35 RADAR Control Scopes and TRC-24 Wideband Radios. In May 1972, FAA certification was received and the unit provided RADAR control to its first live air mission. In 1974, the TRC-24 radios were replaced with the more sophisticated TRC-97 Troposcatter radios.

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The 116th Air Control Squadron has earned and proudly displays two Air Force Outstanding Unit Awards.

#### 116TH AIR CONTROL SQUADRON

1988 October Unit moved to Rilea

1989 Jan - Feb Participated in Exercise Brim Frost; Pedro Dome, Alaska

1990 April Unit received the second AFOUA; 1 May 1988 - 30 April 1990

1990 July Tasked to give the 138TCS, COANG an ORE; Gillette, WY

1990 August Local generated exercise with the 107 Tac Control Squadron, AZANG.

    Deployed to Red Beach at Camp Pendelton, CA

    Unit re-deployed to the SW Texas boarder in support of Anchor Mark IV counter-drug mission

1990 April Unit received the second AFOUA; 1 May 1988 - 30 April 1990

1991 March Counter drug deployment to Puerto Plata, Dominican Republic

1991 October Change of command: Lt Col James T. Faull to Major Thomas P. Jons

1992 Mar - Apr Participated in Exercise Green Flag 92-03; deployed to Tonopah, NV

1992 May UEI; conducted by HQ TAC/IG; Overall SATISFACTORY rating

1992 June Participated in ORE for 106/109TCS, UTANG; Wendover, NV

1993 Feb 116ACS Deployed to Green Flag 93-3

1993 Mar 116ACS Deployed to Green Flag 93-3

1993 June 116th Deploys to Leticia, Columbia (Det 3) for Drug Interdiction duty.

1993 June 116th received its first AN/TYQ-23 (V2) Operation Module

1993 Aug 116th receives Litton Fam training on the AN/TYQ-23 (V2) Operation Module  
1994 Jan 116th Operations went through Mobile Training Team for MCE  
1994 Mar Received the AN/TPS-75 Radar Set  
1994 Apr Received the AN/TSC-94 SATCOM Terminal  
1994 Aug Work with the 35ADA on the Jump TOC Concept  
1994 Sep 116th Deploys to Leticia, Columbia (Det 3) for Drug Interdiction duty.  
1994 Nov Four Weapons Directors deploy to Morocco for African Eagle 94.  
1994 Nov 116th received its second AN/TYQ-23 (V2) Operation Module  
1994 Dec Members Deploy to Operation Deny Flight  
1995 Jan LTC James T. Faull, former commander, Retires  
1995 Mar Unit Deploys to Tonopah NV for Green Flag 95-3  
1995 May 116th Break Ground on New Building  
1995 Jul Sentry West 95  
1995 Oct 116th Receives 4 Tactical Quite Generators  
1996 Jan LTC Jons Relinquished Command to LTC Michael J. Nugent  
1996 Feb JSTE 96-1; Unit comes out of conversion status  
1996 Feb Members are called out to help in flood relief in Jewell, OR  
1996 Mar 116th Participates in PACNORWEST MISSILE-EX 96  
1996 Aug Members are mobilized for Fire crew duty  
1996 Dec 116th moves to it's new facility  
1997 Feb JSTE 97-01  
1997 Oct Building Dedication (John G. Nelson Training Facility)  
1998 Jun Deployed to Jacotennette, Italy for "Operation Deliberate Forge"  
1998 Jun Exercise Determined Falcon; while deployed for Deliberate Forge  
1998 Sep LTC Nugent Relinquished Command to Maj. Joel F. Pannebaker  
1998 Sep Exercise Weasel Hunt '98  
1999 July Sentry West 99  
1999 Sep Exercise Weasel Hunt '99  
2000 Feb Unit deploys to Eielson AFB, Alaska for Northern Edge 2000  
2000 Feb Unit hosts two Austrian Air Division Officers during Alaskan Deployment  
2000 Mar Unit returns from Northern Edge 2000  
2001 Mar Unit deploys to Black Mt and Nellis AFB for Exercise Red Flag 01-3.2  
2001 Apr Unit returns from Exercise Red Flag 01-3.2  
2001 Aug Participated in the Astoria Regatta Parade  
2001 Sep 24; Unit activated for OP Noble Eagle  
2001 Oct 18; Unit sent to NAS Whidbey Island to support OP Noble Eagle  
2002 Mar 17; Unit returned from NASWI, longest deployed ACS in support of ONE  
2002 May 21 – 28; Unit sent package to Neah Bay, WA for ONE  
2002 June 2 – 8; Unit sent package to Mt Hebo, OR for ONE  
2002 July 2; notified at 0815L to deploy to Shadow Mt, WY  
2002 Oct 3 – 13; supported ONE from in-garrison

Air Control Squadron Allotted: 24 May 1946 to ANG

Aircraft Control & Warning Squadron (Tactical), Marietta Army Air Base, Georgia Sewart Air Force Base, Tennessee July 1951 – 8 October 1952

Tactical Control Squadron Portland, Air National Guard Base, Oregon Relocated: Camp Rilea, Warrenton, Oregon October 1988 9 June 1971 – 1 May 1987

Tactical Control Flight Portland, Air National Guard Base, Oregon Relocated: Camp Rilea, Warrenton, Oregon October 1988 1 May 1987 – 16 June 1992

Air Control Squadron Camp Rilea, Warrenton, Oregon Redesignated: ACS 16 June 1992  
Equipment: MPS-11A, TPS-40, TPS-43E, TPS-75, replacement radar August 1975 due to structural failures.

#### Deployments[edit]

1971 Portland ANG Base, Oregon In-garrison 17 members to Volk Field WI

1972 Portland ANG Base, Oregon In-garrison 15–29 July, Guard Strike IV (Westacs)

1973 Boise, Idaho Sentry Westacs II South of Gowen Field

1974 Portland ANG Base, Oregon In-garrison

1975 Camp Rilea, Warrenton, Oregon

1976 Portland ANG Base, Oregon In-garrison 14-28 Aug

1977 Coyote Lake, Fort Irwin, CA Brave Shield XVI 5–23 July

1978 Camp Rilea, Warrenton, Oregon Taurus Beach 78 5-19 Aug

1979 Camp Rilea, Warrenton, Oregon Taurus Beach 79 7–21 July

1980 North Bend AFS, Oregon Felix Brave 23 Feb - 1 Mar

1980 Camp Rilea, Warrenton, Oregon Taurus Beach III 12–26 July

1981 Camp Rilea, Warrenton, Oregon Felix Keynote 81-4 Sept

1982 Yakima Firing Range, Yakima, Washington Golden Blade 82 1–15 May

1983 Camp Rilea, Warrenton, Oregon Sentry Eagle 83

1984 Portland ANG Base/North Bend ANG 14–28 July

1985 Kingsley Field/Swan Lake Peak Kingsley Field Deployment 85-1 7-22 Sep

1986 Portland, ANG Base, Oregon Inland Viking 11–27 July

1986 Camp Rilea, Warrenton, Oregon Beaver Hunt 86 17–19 July

1987 Portland ANG Base, Oregon Road Warrior

1988 Camp Rilea, Warrenton, Oregon Beaver Hunt 88

1988 Camp Rilea Unit Relocation October October

1988 Bear River Ridge

1989 Panama Sentry Eagle 89-3 Aug

1989 Pedro Dome, AK Brim Frost 89 18 Jan-4 Feb

1989 Camp Rilea, Warrenton, Oregon Beaver Hunt 89\ 12-17 June

1990 Camp Pendelton, California Sentry Eagle 90-3 4-19 Aug

1990 Camp Rilea, Warrenton, Oregon Beaver Hunt 90 June

1990 Laredo, Texas Anchor Mark V Aug -1 Oct (?)

1991 Angie III\ Feb - May 91  
1991 Puerta Plata, Dominican Republic  
1992 Dominican Republic Angie III  
1992 Tonopah, NV Green Flag 92-5  
1993 Letica Columbia,  
1993 Tonopah, NV Green Flag 93-3  
1994 Camp Rilea, Warrenton, Oregon In-garrison  
1995 Tonopah, NV Green Flag 95-3  
1996 Camp Rilea, Warrenton, Oregon In-garrison  
1997 Camp Rilea, Warrenton, Oregon In-garrison/ORI  
1998 Italy Operation Deliberate Guard / Determined Falcon May-July (Personnel Only)  
1998 Camp Rilea, Warrenton, Oregon Weasel Hunt 98  
1999 Camp Rilea, Warrenton, Oregon Sentry West 99  
2000 Pedro Dome, AK Cope Thunder, Northern Edge  
2000 Jackson, WY Noble Eagle 2000  
2001 NAS Whidbey Is. WA Noble Eagle Oct 2001-2002  
2001 Nevada Red Flag  
2002 Neah Bay, WA & Mt Hebo, OR May (?) - June (?) 2002  
2002 Jackson Hole, WY Dec 02 - Jan 03, Operation Noble Eagle "Operation Grinch"  
2002 Jackson Hole, WY 2 July 2002 - 9 Sep 2003  
2003 Grand Teton National Park, WY Operation Noble Eagle  
2006 Afghanistan 6 Sep 2006 - 7 Jan 2007  
2007 US/Mexican border Operation JumpStart  
2008 US/Mexican border Operation JumpStart, Afghanistan ONE  
2009 Iraq OIF Sep 2008 - Feb 2009  
2011 Operation Enduring Freedom  
2015 Operation Inherent Resolve May-November 2015

The primary mission equipment when the unit was organized included the MPS-11 Radar System, UPA-35 Radar Control Scopes and TRC-24 Wideband Radios.

In May 1972 FAA certification was received, and the unit provided radar control for its first live air mission.

In 1974 the TRC-24 radios were replaced with the more sophisticated TRC-97 Troposcatter radios.

Upon deactivation of the 153 TCG in mid-1976, the 116th remained at Portland, but it became the senior radar element of the 154TCG, Colorado Air National Guard.

In December 1979 the unit received a new TPS-43E three dimensional radar and TSQ-92 operations shelter. This equipment replaced much older equipment and significantly enhanced the capabilities of the unit

116th Air Control Squadron



## Lineage

Constituted 24 May 1946

Organized 8 July 1946 Marietta AAB, GA

FED Recognition 10 Dec 1946

Name Change 3 Jan 1951 A/C Control & Warning Sqdn (Tactical)

Activated/Relocated 8 Jan 1951 Sewart AFB, TN

Name Changed 5 Feb 1951 Tac Cntl Sqdn

Reorganized 6 July 1951 ACWS

PCS'd 2 Jun 1951 Casablanca, French Morocco

PCS'd 20 Aug 1951

Rabat Sale, FM

Deactivated 8 Oct 1952

Federalized 9 Jun 1971 Portland, OR

116th Air Control Squadron

116 Air Control Squadron

Camp Rilea, Warrenton, Oregon

Redesignated: ACS 16 June, 1992

Equipment: MPS-11A, TPS-40, TPS-43E, TPS-75, replacement radar August 1975 due to structural failures.

Personnel: As of 20 August, 1971: 29 Officers, 225 Airmen

116 Tactical Control Flight

Portland, Air National Guard Base, Oregon

Relocated: Camp Rilea, Warrenton, Oregon October 1988

1 May, 1987 – 16 June, 1992

Tactical Control Flight

Portland, Air National Guard Base, Oregon

Relocated: Camp Rilea, Warrenton, Oregon October 1988

1 May, 1987 – 16 June, 1992

Tactical Control Squadron

Portland, Air National Guard Base, Oregon

Relocated: Camp Rilea, Warrenton, Oregon October 1988

9 June, 1971 – 1 May, 1987

116 Aircraft Control & Warning Squadron

Redesignated: July 1951, from Tactical Control Squadron

Marietta Army Air Base, Georgia

Stewart Air Force Base, Tennessee

Deployed: French Morocco

July 1951 – 8 October, 1952

## Organization

The 116th Aircraft Control Squadron was constituted and allotted to the National Guard effective May 24, 1946. The 116th Aircraft Control Squadron was authorized to organize at Marietta AAB, Georgia on July 8, 1946 and was assigned to the 154th Aircraft Control and Warning Group.

On 3 January 1951 the unit was notified it would be re-designated and reorganized as the 116th Aircraft Control and Warning Squadron (Tactical) effective after 18 January 1951. The unit was activated on January 8, 1951 as the 116th Aircraft Control Squadron. A station change followed, January 1951, to Sewart Air Force Base, Tennessee. Re-designated and reorganized as the 116th Aircraft Control and Warning Squadron (Tactical) and assigned to the 154th Aircraft Control and Warning Group (Tactical) occurred on 5 February 1951.

The unit was alerted for Permanent Change of Station (PCS) to Casablanca, French Morocco on August 20, 1951. The unit was relieved from active military service, less personnel and equipment, and returned to National Guard Bureau control on October 8, 1952. The 116th Tactical Control Squadron was constituted and allotted to station at Portland ANG Base, Ore., in May 1971, and assigned to the 153rd Tactical Control Group. Federal recognition was received on June 9, 1971. The unit was reassigned to the 154th Tactical Control Group effective April 1, 1976. The unit moved to Camp Rilea, Warrenton, Ore., on September 19, 1988 and was designated 116th Tactical Control Squadron effective October 15, 1988. The unit designation changed to the 116th Air Control Squadron (ACS) effective June 16, 1992. The 116th has been deployed more than any other Oregon Air National Guard Unit since 9/11 having supported numerous operations including Operation Iraqi Freedom and Operation Enduring Freedom in Afghanistan.

Training Air Battle Managers and Weapons Directors are trained to maintain the sovereignty of the skies wherever and whenever the Air Force deploys. They skillfully manage the flow of aircraft for a variety of missions to include air strikes, interdiction, airborne refueling, reconnaissance, search and rescue, transport, and dogfights. The constant vigilance helps them to maintain the safety of the pilots on all manner of aircraft. Further, the 116th is also responsible for training highly skilled personnel in information technology, radar transmissions and maintenance, power supplies, communications, vehicle maintenance, HVAC, data link management, surveillance, and emissions control.

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Air Force Lineage and Honors

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Sources

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Air Force News. Air Force Public Affairs Agency.