



U.S. AIR FORCE

United States Air Force Reserve

Integrity - Service - Excellence

910th Airlift Wing

Mission Briefing

As January 24, 2025



***Youngstown Air
Reserve Station, Ohio
(YARS)***

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Fly, Fight and Win...



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910th Airlift Wing Mission

**Provide Agile Combat Support & Employment,
Tactical Airlift, and Aerial Spray**



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910th Airlift Wing Vision

Combat Ready ALWAYS!

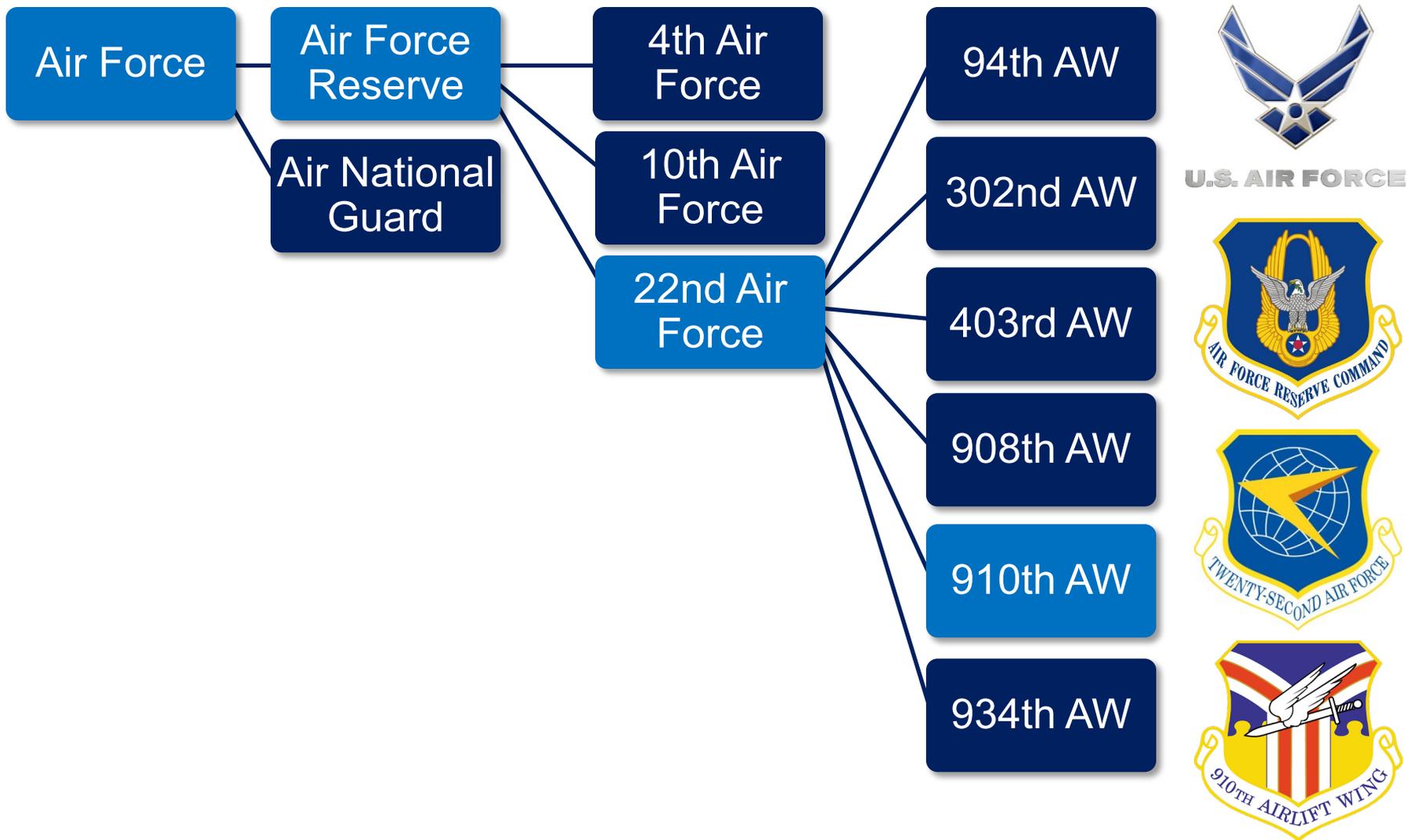


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Air Force Organization



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910th Aircraft Assigned and Structure



- 8 aircraft assigned to 910th Airlift Wing (as of Nov. 5, 2024)
- C-130H aircraft have been modified for the Modular Aerial Spray System (MASS/Electronic-MASS)
- 6 C-130H2/C-130H2.5 tactical cargo aircraft
- 2 C-130J-30 tactical cargo aircraft
- 37 years/more than 160,780 accident-free flying hours (as of September 2023)

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Youngstown Air Reserve Station, Ohio (YARS)

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1.2 Billion+ of Federal Assets:
272 acres:
DoD owned

Buildings & Aircraft Buildings:
73 Structures
(Average Age - 30 years)
Replacement Value \$797,603,310

Aircraft
(C-130H Hercules - Approx. \$30M ea. x 6 + C-130 J x 1 - Approx. \$110M) \$430,000,000

Location: Northeast Ohio, Trumbull County, Vienna Township Est. 1955

Host Unit: 910th Airlift Wing
Primary Missions: Agile Combat Support & Employment, Tactical Airlift and Aerial Spray

43 Acres Site for Main Gate Relocation MILCON Project – Tent. Completion Date: November 2025
First addition to YARS footprint since 1958

Over \$933.7M in Military Construction (MILCON) Projects, new aircraft and NGREA* funding secured since 2007

Largest Employer in Trumbull County. 2nd Largest Employer in Mahoning Valley: More than 2200 Air Force and Marine Corps Reservists, DLA, DoD, FAA Civilians and Contractors Assigned/Employed

91 acres (Assault Landing Strip): Leased by DoD from Western Reserve Port Authority. C-17s and other military aircraft also train in local airspace adding to YARS military value

* National Guard and Reserve Equipment Account

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Youngstown ARS Manning

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910th Airlift Wing	Total
Military - Air Force Reservists [including Traditional Reservists (TRs), Air Reserve Technicians (ARTs), Active Guard Reserve (AGRs)/Active Duty]	1705
Civil Servants [including ART civilian role]	374
NAF/AAFESS/SSCU	3
Contractors	50
TOTAL	2132

** Nearly than 6,000 mobilization orders have been cut for 910th personnel since Sept. 11, 2001*

Det. 3, Maint. Co., Combat Logistics Bn. 453, U.S. Marine Corps Reserve	Assigned
Active Duty/Traditional Reservists	96

Defense Logistics Agency	Assigned	Federal Aviation Administration	Assigned
DoD Civilian Personnel	4	Air Traffic Control Tower Staff	25

YOUNGSTOWN ARS, OHIO TOTAL PERSONNEL ASSIGNED: 2257



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Military Tenant Unit

- **Detachment 3, Maintenance Company, Combat Logistics Battalion 453, U.S. Marine Corps Reserve Mission:**
 - **To provide vehicle maintenance to the battalion in support of Marine Air-Ground Task Force (MAGTF) throughput operations.**





History of Aircraft Assigned to YARS

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• Fighter	1955	F-102
• Fighter-Bomber	1957	C-45, F-86, T-33
• Troop Carrier	1958	C-119
• Troop Carrier	1960	C-119, C-47, U-3A
• Tactical Air Support	1970	U-3A, O-2
• Fighter	1971	A-37B
• Tactical Aircraft	1980	C-130B
• Tactical Aircraft	1994	C-130H*
• Tactical Aircraft	2024	C-130J-30**

Aircraft Names: F-102 Delta Dagger, C-45 Expeditor, F-86 Sabre, T-33 Shooting Star, C-119 Flying Boxcar, C-47 Skytrain, U-3A Blue Canoe, O-2 Skymaster, A-37B Dragonfly, C-130B/C-130H Hercules and C-130J Super Hercules

****Currently Aircraft Assigned***

*****Currently Aircraft Assigned - YARS received 1st two C-130J-30 aircraft on July 16, 2024 and December 6, 2024 respectively. The wing will transition to C-130-Js from the C-130Hs over a three-year period (8 new aircraft valued at \$878 million)***

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910th Airlift Wing Tactical Airlift Missions

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In wartime, the 910th Airlift Wing mission is to employ the Lockheed C-130 Hercules aircraft in combat operations of tactical airlift. These operations include low-level infiltration into a combat environment, where aircrews can deliver personnel and materials by airdrop and air-land techniques. The 910th Aircraft Maintenance Squadron and 910th Maintenance Squadron ensure aircraft and ground support equipment are in good working order and ready to support the mission.



Recent missions:

- February – May 2022: More than 140 members from the 910th Airlift Wing's flying, maintenance and other ground support squadrons deployed to provide airlift operations to various military installations and operations, including East Africa Response Force and Joint Special Operations Task Force Somalia, in support of Combined Joint Task Force-Horn of Africa Area of Operations (AOR).

This AFRICOM tasking was a first for AFRC as the mission was previously completed by active-duty units. These 910th Citizen Airmen and aircraft completed 1555 flying hours during 124 combat & combat support missions. These missions consisted of 346 sorties transporting 1,650 passengers as well as 2.4 million pounds of cargo and equipment to warfighters with a 99% mission effectiveness rate.

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910th Airlift Wing Aerial Spray Mission

910th is home to the DoD's only Aerial Spray capability and dedicated Aerial Spray Maintenance Flight

Missions include: Insect Control, Vegetation control on bombing ranges and Oil spill neutralization

Recurring annual missions:

- 13 DoD installations in the states of Ariz., Fla., Ga., Idaho, Kansas, Nev., N.D., S.C., Utah and Va.

Innovative Readiness Training missions:

In some cases, communities near DoD installations such as Minot, N.D., request aerial spray support through the DoD Innovative Readiness Training (IRT) program.

Recent Emergency Operations:

- Oct 2020 – 85 Reserve Citizen Airmen and three C-130s assigned to the 910th deployed to conduct aerial spray operations to treat more than 900,000 acres in southern Louisiana for mosquito control in the aftermath of Hurricanes Laura and Delta.



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2017 Hurricane Harvey Aerial Spray

- **First Emergency Aerial Spray Operations using Night Vision**
- **Total acres sprayed – 2,701,071 (Approx. twice the area of Delaware)**
- **Sorties – 28 over eastern Texas**
- **Total Flying Time – 138.6 hours**
- **Gallons of mosquito control product – 14,570**



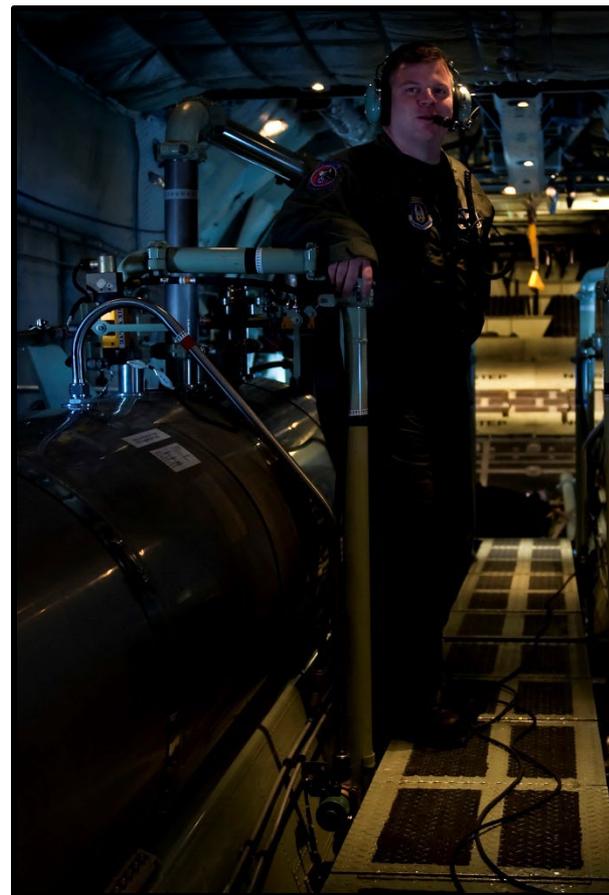
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2010 Deepwater Horizon Aerial Spray

- The 910th conducted oil dispersing aerial spray operations to aid in the cleanup efforts in the aftermath of the explosion of the BP Deepwater Horizon drilling platform
 - Total acres sprayed – 30,094
 - Sorties – 93 over Gulf of Mexico
 - Total Flying Time – 150.9
 - Gallons of dispersant – 148,956



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910th Airlift Wing Agile Combat Support & Employment Mission

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The 910th provides **Agile Combat Support & Employment** to the warfighter through the capabilities of the 910th Mission Support Group (76th Aerial Port Squadron, 910th Civil Engineering Squadron/910th Civil Engineering Fire Department, 910th Communications Squadron, 910th Force Support Squadron, 910th Logistics Readiness Squadron and the 910th Security Forces Squadron) as well as the 910th Medical Squadron



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Community Engagement

910th/YARS Community Programs

- Speakers Bureau
- Aircraft, Vehicle and Equipment Displays
- Flyovers
- YARS Tours
- School Visits
- Honor Guard/Color Guard Details
- Pilot for a Day
- Sporting Events (College, Minor League & Pro)
- AF JROTC Support
- Civil Air Patrol Support
- Leadership Mahoning Valley Members
- Wings-n-Wheels Fly In/Car Show

Humanitarian Support (since Aug 2007)

Pallets: 565 Vehicles: 11

Total Cargo Wt: 1,840,417 lbs As of Sept 11, 2023

Destinations serviced: Belize, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras and Peru

Organizations: Mission of Love, University of Notre Dame Poor Project, MedWish International

YARS community/military assets

- 910th/WRPA/YNG/FAA flight control coordination
- 910th Fire Department – crash support and mutual aid for YNG airport and surrounding departments (24)
- 910th Security Forces – CATM firing range and Combatives Training Facility (SFS facilities used by military and civilian partners)
- Regional military training use of 3,000'+ assault strip, airfield 'touch and gos' & NVG airfield lighting
- Airfield/flightline capacity for aircraft up to C-5 Galaxy, Thunderbirds demo team and Air Force One
- Facilities include 200 room Eagle's Nest Lodge, Community Activity Center, BX, Fitness Center and Outdoor Recreation

AFRC Programs Hosted at YARS

- Integrated Defense Leadership course (IDLC)
- DoD Innovative Readiness Training (IRT)

Community Partners and Advocates

- Youngstown-Warren Regional Airport
- Youngstown-Warren Regional Chamber
- YARS Base-Community Council
- Eastern Ohio Military Affairs Commission
- Jobs Ohio/Lake to River Economic Development

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Q & A

(Questions and Answers)

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