



Youngstown Air Reserve Station Snapshot

A summary of facts and figures



910th Airlift Wing Mission

Combat ready NOW... For tomorrow's fight!

910th Airlift Wing Vision

Maximize our combat capabilities... Delivering decisive tactical airlift, aerial spray and agile combat support!

Key Leadership

910th Airlift Wing

Commander: Col. Jeff Van Dootingh
 Vice Commander: Col. Casey Dodds
 Command Chief: Chief Master Sgt. Jennifer McKendree
 Operations Group Commander: Lt. Col. Scott Lawson
 Maintenance Group Commander: Lt. Col. Joseph Winchester
 Mission Support Group Commander: Col. Greg Meyer
 Medical Squadron Commander: Col. Colleen Kelley

Detachment 3 • Maintenance Company
Combat Logistics Battalion 453 • USMCR
 Inspector/Instructor: Chief Warrant Officer 3 Douglas Cardwell

YARS Personnel

910th Airlift Wing

Military - Traditional Reservists (TRs), Active Duty, Active Guard Reserve (AGRs)	1330
Civil Servants	394
NAF/AAFES/CREDIT UNION	47
Contractors	37
Total	1808
Marines	
Active Duty, Traditional Reservists	96
Defense Logistics Agency	
DLA Specialists	4
Federal Aviation Administration	
Air Traffic Control Tower Staff	25
Total YARS Manning	1933

Economic Impact Fiscal Year 2021: \$150.6 mil

Payroll:

Includes Military, Appropriated Civilian and NAF	
Civilians and Private Business	\$78,589,000
Indirect Impact from Payroll:	\$56,569,000
Payroll Subtotal	\$135,158,000

Expenditures on Station:	\$9,889,000
Indirect Impact from Expenditures:	\$5,563,000
Expenditures Subtotal	\$15,452,000

Total Estimated Economic Impact: \$150,610,000

Federal Assets

Acreage

YARS Owned	230 acres
<u>YARS Leased</u>	<u>91 acres</u>
Total	321 acres

Buildings and Aircraft

Total AF Buildings (Average Building Age - 30 years)	71
Plant Replacement Value	\$797,603,310
<u>Aircraft Value (C-130H - Approx. \$30M ea. x 8)</u>	<u>\$240,000,000</u>
Total	\$1 Billion+

Who are we? Reserve Citizen Airmen...

- ARTS make up nearly half of the 910th's full time workforce and are Department of Defense (DoD) Civil Servants with an associated Air Force Reserve military position.
- DoD Civil Servants, or DoD civilians, make up more than half of the wing's full time workforce and are essential to the day-to-day operations at YARS and the military readiness of the 910th.
- AGRs are TRs serving on a short-term federal active duty tour to provide full-time support to the 910th and operations at YARS.
- Contractors make up the remainder of the 910th's full-time force and are responsible for and essential to base operations at YARS.
- TRs make up the bulk of our manpower at YARS. In uniform, TRs work across 15 units in a variety of jobs to accomplish the 910th's mission and vision. When not in uniform, they are students, small business owners, teachers, doctors, police, firefighters, postal workers, skilled trades people and more. They are your neighbors, your co-workers, your friends and quite possibly members of your family. They are among the less than one percent of Americans who volunteer for military duty, serving one weekend a month and at least an additional two weeks a year. They must be ready to deploy anywhere around the world, ready to go in as little as 72 hours.

Aircraft

- C-130H2 - Modified for Modular Aerial Spray System
- C-130H2.5 - Modified for Modular Aerial Spray System



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910th Airlift Wing Aerial Spray Mission

Aerial Spray Mission

The Department of Defense (DoD) tasks the 910th Airlift Wing at Youngstown Air Reserve Station (YARS), Ohio to maintain the DoD's only large-area fixed-wing aerial spray capability to control disease-carrying insects, pest insects and undesirable vegetation and to disperse oil spills in large bodies of water. Missions may be executed in combat areas, on DoD installations or in response to disasters/emergencies as declared by the President of the United States.

Aerial Spray Unit, Aircraft and Personnel

The 757th Airlift Squadron pilots, navigators, flight engineers, spray operators/loadmasters and entomologists conduct aerial spray missions using six C-130H aircraft equipped with the Modular Aerial Spray System (MASS). These systems are maintained by 910th MX support personnel assigned to the spray mission. YARS houses one of four EPA-approved Training Centers for DoD Pesticide Applicator Certification serving both the continental U.S. and overseas DoD pest management facilities.

Key Aerial Spray Missions

2005, the destruction and debris resulting from the aftermath of Hurricanes Katrina and Rita created prime breeding grounds for mosquitoes and filth flies putting the displaced populations and rescue workers at risk of vector-borne illness: Supporting FEMA, treated 2,880,662 acres over Louisiana and Texas culminating in the largest aerial spray mission ever conducted under AFRC.

May 2009, the spray flight performed the industry's largest effective larvicide aerial spray application over Army Corps of Engineers land near Williston, ND.; reductions in larval mosquito populations by over 95 percent in sampled areas were demonstrated.

May-June 2010, the 757th Airlift Squadron conducted aerial spray to aid in neutralizing the Deepwater Horizon oil spill caused by the April 2010 sinking of the Deepwater Horizon drilling platform in the Gulf of Mexico, marking the first real world application of oil spill dispersants by the 910th Airlift Wing; The 910th Airlift Wing flew 93 sorties covering more than 30,000 acres.

Sept. 2017, the 757th Airlift Squadron performed 28 sorties to treat more than 2.7 million acres in Texas with insecticide in the wake of Hurricane Harvey; This was the first emergency mosquito-control mission performed with Night Vision Goggles (NGVs).

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.

910th Airlift Wing Tactical Airlift Mission

Tactical Airlift Mission

In wartime, the 910th Airlift Wing 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.

Tactical Airlift Units, Aircraft and Personnel

The 757th Airlift Squadron pilots, navigators, flight engineers and loadmasters conduct tactical airlift missions using the 910th's nine C-130 aircraft. The tactical airlift mission is only possible with the expertise of support personnel.

Recent Tactical Airlift Missions

May 2019 – Sept. 2019: More than 130 members from the 910th Airlift Wing's flying, maintenance and other ground support squadrons deployed to complete airlift operations to various military installations throughout the U.S. Central Command (USCENTCOM) Area of Operations (AOR). These 910th Reserve Citizen Airmen and aircraft completed more than 1,719 flying hours. During these missions, they flew 751 combat and combat support sorties and the aircrews moved 4,301 passengers and 41 Distinguished Visitors, hauled 1,650 pallets of cargo weighing more than 2,487 tons and transported 179 aeromedical patients.

Aerial Spray and Airlift Missions Support

- **910th Operations Support Squadron** deploys mission-ready combat tactics, intelligence, aircrew flight equipment and current operations personnel in support of worldwide DoD wartime, peacetime and humanitarian airlift
- **910th Maintenance Group, 910th Aircraft Maintenance Squadron and 910th Maintenance Squadron** personnel ensure aircraft are ready to fly

Agile Combat Support Missions

- **910th Mission Support Group** provides overall command and control of installation support services to the 910th
- **76th Aerial Port Squadron** palletizes and loads cargo
- **910th Civil Engineers** maintain a support engineering force capable of rapid response for world contingency operations
- **910th Communications Squadron** provides cyberspace

operations support through Command, Control, Communications and Computer (C4) services with the primary function of Base Cyber Defense

- **910th Force Support Squadron** provides leadership and supervision of support services to the 910th Airlift Wing through the Military Personnel Section, Wing Education & Training and Family Support sections
- **910th Logistics Readiness Squadron** organizes and trains Air Force Reservists in the highly specialized areas of Contingency War Plans, fuels operations/distribution, materiel movement and vehicle management
- **910th Medical Squadron** keeps personnel fit for deployment
- **910th Security Forces** protect the station, personnel and aircraft

Current as of November 30, 2021