

# AERONAUTICAL SYSTEMS CENTER



## LINEAGE

Aeronautical Systems Division established and activated, 20 Mar 1961  
Organized, 1 Apr 1961  
Redesignated Aeronautical Systems Center, 1 Jul 1992

## STATIONS

Wright Patterson AFB, OH, 1 Apr 1961

## ASSIGNMENTS

Air Force Systems Command, 20 Mar 1961  
Air Force Materiel Command, 1 Jul 1992

## COMMANDERS

MG W. A. Davis, #1961  
MG Harry E. Goldsworthy, #1967  
LTG James T. Stewart, #1971  
LTG William R. Looney III, 2005  
LTG John L. Hudson, #2009  
LTG Thomas J. Owen, #2010

## HONORS

### Service Streamers

None

### Campaign Streamers

None

## **Armed Forces Expeditionary Streamers**

None

## **Decorations**

Air Force Organizational Excellence Awards

9 Jul 1974-31 Jul 1975

1 Nov 1974-1 Jul 1978

1 Oct 1983-30 Sep 1985

1 Jan-31 Dec 1995

1 Jan-31 Dec 1997

1 Jan 1999-31 Dec 2000

## **EMBLEM**

Approved, 4 Jan 1961; modified, 7 Aug 2008

## **MOTTO**

## **NICKNAME**

## **OPERATIONS**

Aeronautical Systems Division is responsible for development, acquisition and delivery of aircraft, non-ballistic missiles and related equipment. This Division conducts programs in the fields of limited war, counterinsurgency and reconnaissance.

Located at Wright-Patterson AFB, Ohio, Aeronautical Systems Center is the largest of three product centers within Air Force Materiel Command. The center designs, develops and delivers dominant aerospace weapon systems and capabilities for U.S. Air Force, other U.S. military, allied and coalition-partner warfighters, in support of Air Force leadership priorities.

ASC has a workforce of close to 12,000 people, located at the base and 37 units worldwide, and is managing an FY06 budget of approximately \$27 billion. The center is organized into wings, groups and squadrons designed to foster synergy in the acquisition process and speed delivery of war-winning capabilities. ASC's portfolio includes capabilities in fighter/attack, long-range strike, reconnaissance, mobility, agile combat support, special operations forces, training, unmanned aircraft systems, human systems integration and installation support.

By supporting development and acquisition for these capabilities, ASC contributes to achievement of Air Force, joint, allied and coalition partner priorities. The center focuses on speed and innovation in acquisition management, as well as on rapid transition of technology into systems and business practices, development and retention of a high performance work force and formation of strong partnerships with war-fighting operators in the field, industry and the local community.

To deliver war-winning capabilities, ASC manages a wide variety of aircraft and related equipment programs. These include the B-2 and F-117A; Global Hawk and Predator aircraft systems and a new Combat Search and Rescue helicopter program.

ASC also manages the C-17. In addition, the center manages upgrades to the C-5 and C-130. The center also manages the CV-22 and supports the AC-130U, MC-130, T-6A and T-1A.

The center develops and acquires simulator systems; propulsion systems; equipment to resolve aging aircraft issues and electronic systems for targeting, electronic warfare, reconnaissance and other combat functions. In addition, ASC's 311th Human Systems Wing, located at Brooks AFB, manages a variety of development and acquisition programs that focus on aircrew and ground support personnel. ASC also provides resource support for the F-22A, F-35 and Airborne Laser programs.

The center's acquisition experts interface daily with AFMC's Air Force Research Laboratory, also headquartered at Wright-Patterson. The two units maintain a strong, symbiotic relationship that helps set the laboratory's research agenda and ensures a continuous flow of critical, advanced technology for weapon systems developed by ASC.

ASC also operates a Major Shared Resource Center, one of four high-performance computing centers in the Department of Defense. The center is tackling large-scale problems previously beyond the reach of processing platforms and providing a vast array of services in a collaborative environment which includes government, industry and academia. In addition, ASC has access to the Simulation and Analysis Facility, a major hub connecting developers and researchers at Wright-Patterson with others across the Air Force, DoD and industry. These two facilities allow scientists and engineers who are wrestling with future weapon system integration and operational issues the opportunity to visualize, build, test and evaluate those systems in a virtual world before work is initiated and significant money is spent.

Capabilities provided by all of these units and facilities are part of ASC's multi-faceted support for the Global War on Terrorism. That support not only includes rapid development of urgently needed weapon systems, it also includes helping Air Force planners decide how best to train for and employ those new weapon systems. Center experts have networked training simulators for ASC-developed platforms into vast DoD war-gaming exercises, contributing a level of reality and detail which would have been impossible in previous decades. In addition, the center routinely deploys troops to Iraq, Afghanistan and other locations.



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Air Force Order of Battle  
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Sources

Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.  
Air Force News. Air Force Public Affairs Agency.