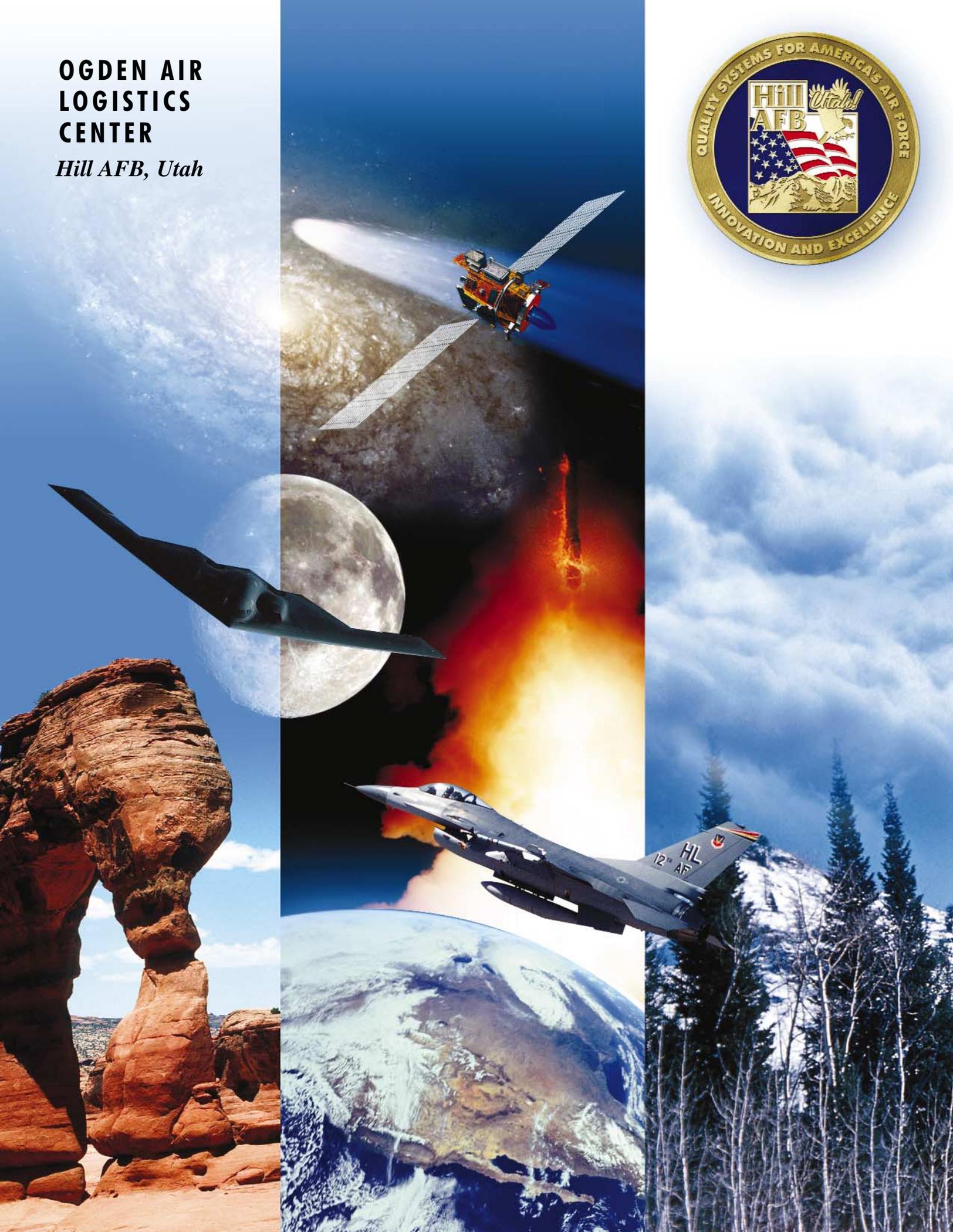
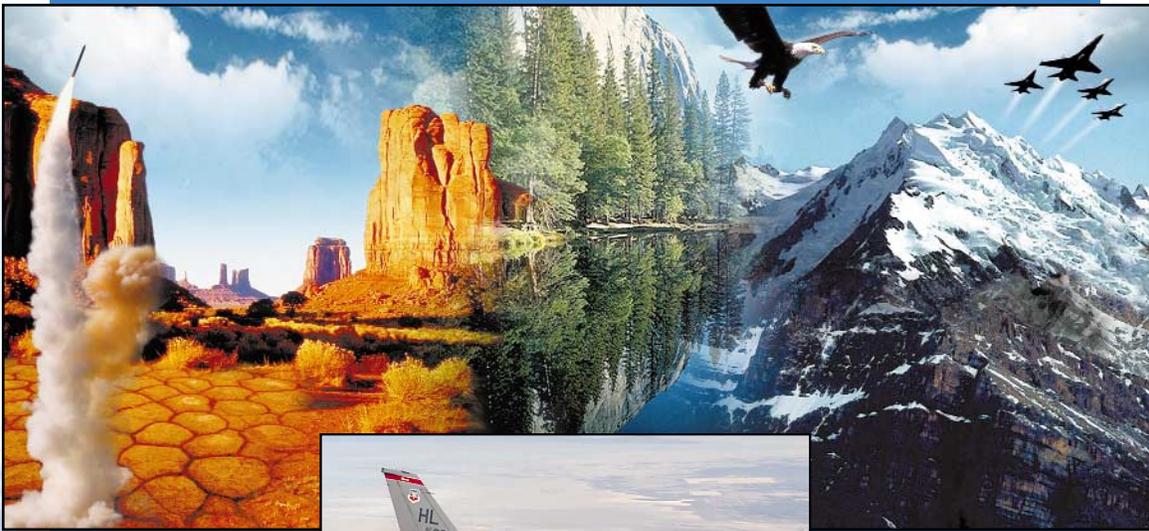


**OGDEN AIR
LOGISTICS
CENTER**

Hill AFB, Utah



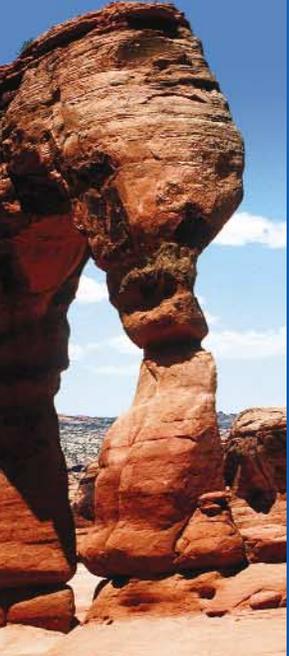


A FEW FACTS ABOUT HILL AFB

Hill's location provides a strategic advantage for movement of people and materials. Located at the "Crossroads of the West" between Ogden and Salt Lake City, the base has ready access to rail, air and interstate highway with over 232 miles of roadway, 25 miles of railway and a 13,500 foot runway. Hill is located on 6683 acres of land and has over 1500 buildings.

The Center is focused on enhancing current technology and excelling in the technologies of the future to support systems such as the F-22 Raptor, Joint Strike Fighter and Unmanned Air Vehicles.

The base supports over 40 tenant organizations including Defense Enterprise Computing Center, Defense Logistics Agency, Army Corps of Engineers, Army Non-tactical Generator and Rail Equipment Repair Center, Air Force Regional Recruiting Center, U.S. Forest Service, Defense Audit Agency, Air Force Office of Special Investigation.



MAINTENANCE DIRECTORATES

AIRCRAFT

F-16, C-130 and A-10 Repair, Modify and Refurbish
Structural Component Repair and Low Observable
Technology
Aircraft Crash Damage Repair



TECHNOLOGY & INDUSTRIAL SUPPORT

Technology and Engineering Support
Advanced Composites
Industrial Plant Management
Shelters and Mobile Depot Maintenance
Nondestructive Inspection
Software Development and Engineering



ELECTRONICS

F-16 Avionics and Radar Antenna
Repair/Calibration
Aircraft Electronic Components
Instruments, Displays and Electrical Accessories
Circuit Card Manufacture
Precision Measurement Laboratory
Support Center Pacific (Kadena)



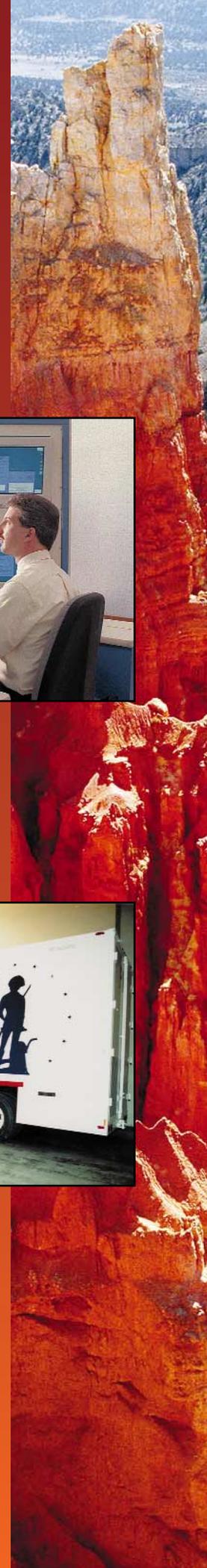
ICBM MISSILE/SPECIAL PURPOSE VEHICLES

Strategic Missile and Missile Component Repair
Ground System & Re-entry Vehicle Repair
Special Purpose Vehicle Repair



COMMODITIES

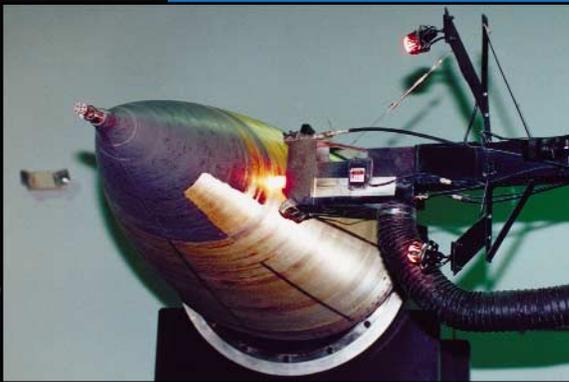
Power Equipment and Support Systems
Airmunitions, Tactical Missiles, Training Systems
Landing gear, Wheels and Brakes
Hydraulics, Pneudraulics





ADVANCED COMPOSITES AND LOW OBSERVABLE TECHNOLOGY

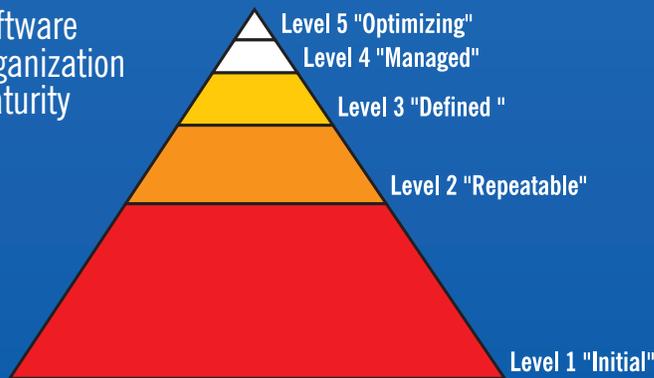
- B-2 Low Observable Capability
- Advanced Cross Sectional Radar Testing
- Advanced Coating/Inking Techniques
- Wheat Starch Stripping
- Advanced Non-Destructive Test Capabilities



LASER AUTOMATED DECOATING SYSTEM

- Removes coatings with no damage to underlying materials, reducing condemnation rates by 90%
- Virtually eliminates hazardous waste products
- Programmable system

Software
Organization
Maturity



CMM LEVEL V SOFTWARE ENGINEERING CAPABILITY

The Software Engineering Division was independently assessed at the highest level on the Software Institute's Capability Maturity Model (CMM) - Level V

Extensive Experience with Operational Flight Programs, Mission Planning, Simulation and Emulation, Heads up Display and Automatic Test Equipment used to support a variety of DoD weapon systems



COMPUTED TOMOGRAPHY

One of the largest facilities in the world
(96" diameter, 348" height, 120,000 lb max)

Detects flaws as small as 2 mm

Digital preview scan and 8 X 10 high resolution
color photography (excellent for reengineering)

MULTI-USE CENTRIFUGE

Tests Strategic missile re-entry vehicle components

Simulates actual flight profiles with 620 data
collection points

Powered by an underground 1200 AMP, 750 HP
variable speed DC motor

Max 200 G forces at 303 RPMs with max payload
of 325 lbs.



CANOPY POLISHING SYSTEM

One of a kind robotic canopy polishing
system

Removes scratches and flaws with no
distortion

Drastically reduces flow times and
condemnation rates

CITE DESIGNATIONS

Ogden Air Logistics Center is designated as the Air Force Center of Industrial and Technical Excellence (CITE) for the following areas:



AIRCRAFT

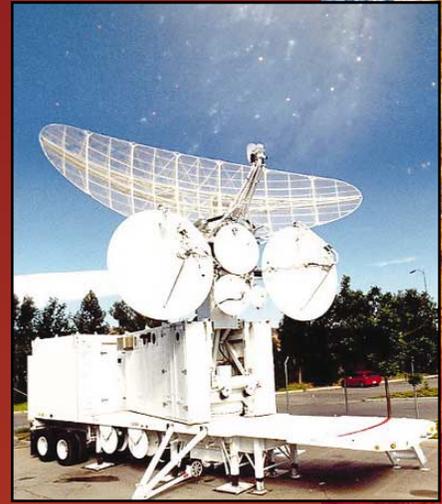
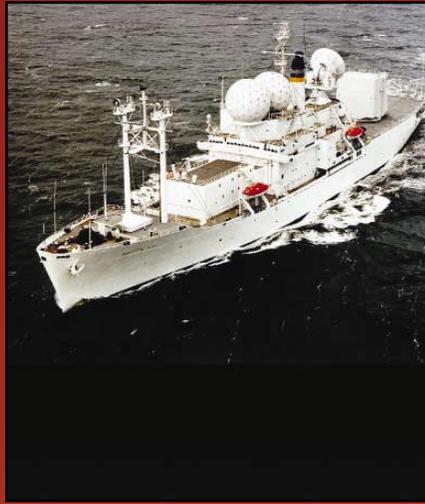
Airframe: F-16, A-10 and C-130 (portion)
Low Observable/Composite Structures
Landing Gear, Wheels and Brakes
Gas Turbine Engines and Secondary Power Systems
Hydraulics and Pneudraulics
Avionics - F-16 and A-10
Instruments and Display Indicators
Electro-mechanical Support Equipment
Photographic Equipment

AIRMUNITIONS

SMALL WEAPONS



CITE DESIGNATIONS



SPACE COMMAND CONTROL COMMUNICATION INTELLIGENCE SYSTEMS

Ground Communication Systems

Tactical Shelters



F-16 & A-10 SOFTWARE ENGINEERING & DEVELOPMENT

Automatic Test Equipment

Operational Flight Program

Mission Planning

ICBM MISSILE SYSTEMS AND RE-ENTRY VEHICLES



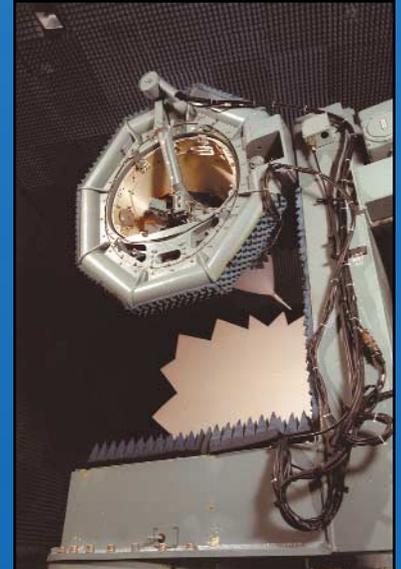


LABORATORY ANALYSIS

Our Science and Engineering Lab is EPA certified and ISO 17025 accredited. The lab can perform high tech, complex analyses which include environmental, chemical and material (metal & composites), as well as failure, dimensional and electronic. The lab also provides consultation on industrial processes and products. Our one-of-a-kind, TEMPEST approved Survivability and Vulnerability Integration Center (SVIC) is dedicated to simulation testing of defense systems, to include nuclear hardness, survivability & reliability, and electromagnetic compatibility testing. Ogden is also equipped with an explosives lab which tests solid rocket fuels in support of ICBM aging surveillance, tactical missiles, munitions and other explosives.

ELECTRONIC AND ELECTRICAL

Numerous anechoic chambers, automatic test stations, vibration tables, centrifuges and electromagnetic pulse and electromagnetic interference chambers provide capability for test and calibration of various radar antennae, radio frequency and electronic circuit devices. A magnetic free facility with a true north and south heading (one of few in the world) is used to test items such as compass transmitters. Our photographic facility has a unique test chamber designed to simulate distances from 650 ft to infinity.



WEAPONS AND EXPLOSIVES

The Utah Test and Training Range is 900,000 square miles of land and 16,651 square miles of airspace utilized for live testing of cruise missiles, unmanned air vehicles, and munitions, as well as air to ground, air to air, and ground to air training. The Oasis is 21,000 acres located within UTTR. It is utilized for rocket motor static firings, solid propellant dissection and explosives testing and disposal. The Center has over 40 years of expertise in handling explosive propellants and cartridge-activated devices.

NON DESTRUCTIVE AND OTHER MISCELLANEOUS INSPECTIONS

Ogden is a leader in non-destructive inspection of explosives and hazardous items. We have one of the world's largest computed tomography facilities, used to determine aging and provide surveillance of the Minuteman and Peacekeeper solid rocket booster propellants. We also have the capability to test advanced composite and low observable structures. State of the art equipment includes a radar cross sectional test chamber, a shearography chamber, and an Auss-V Ultrasonic inspection system. We also have altitude chambers, real time x-ray and various centrifuges.



REPAIR, MODIFY AND REFURBISH

AIRCRAFT

Our expertise is focused on sustainment of F-16, C-130, A-10, and various Mature and Proven aircraft and their associated subsystems. We have the capability to provide world-wide repair of crash damaged aircraft. Ogden is the Air Force CITE for advanced composites and low observable structures; landing gear, pneumatic & hydraulic systems; instruments and display indicators; gas turbine engines (GTE) and secondary power support systems; photographic equipment; injection molding and electro-mechanical support equipment. Repair processes incorporate the latest technology, such as liquidless powder paint, the largest landing gear repair facility within DoD, a patented robotic canopy polishing system, and state-of-the-art laser automated decoating system. These systems not only decrease flow times, but drastically decrease condemnation rates.



MISSILES

Ogden has over 40 years of expertise in sustainment of Intercontinental Ballistic Missile (ICBM) systems, cruise missiles, tactical missiles, space launch missiles, re-entry vehicles and various munitions. We have capability for disassembly, test and analysis, repair, modification, reassembly, transportation, handling and storage. Our facilities are approved for hazardous classification 1.1 propellants. We are one of few in the world with the capability to handle large strategic missiles. We also repair and refurbish missile handling equipment such as transport erectors, cranes, tractors and trailers and have the ability to refuel drones, unmanned vehicles, and cruise missiles.



ELECTRONICS AND ELECTRICAL

Ogden is the Air Force CITE for instruments and display indicators, electrical accessories, and photographic equipment, and for F-16 and A-10 integrated avionics systems. We have proven expertise in repair, modification and alignment of components for various aircraft, missiles and re-entry vehicles. We are experienced in repair of microprocessors, multilayer circuit card assemblies, radio frequency, digital and high speed circuitry, wire harnesses, electrical cables and compass transmitters.



SHELTERS, RADOME STRUCTURES AND MISC

Ogden is the only center within the Air Force with capability to refurbish and modify radome structures and tactical shelters. We have a mobile Depot maintenance team that is fully qualified for on-site repair. We are designated as the Air Force Technical Repair Center for both the radome structures and tactical shelters. Other facilities and unique equipment provide the capability to repair and refurbish a diversity of items such as physiological trainers, hyperbaric chambers, electromechanical equipment, gear boxes, jackscrews and an array of small guns ranging from 20mm to M60s.





ELECTRICAL AND ELECTRONICS

The ALC manufactures a variety of electrical and electronic products for aircraft and missiles. We manufacture such items as wiring harnesses, cable assemblies, and various types of printed circuit boards. Our unique circuit board facility provides technology for up to 40 layers, single and double sided, high density and multichip module with discrete wiring. We also have the ability to design and manufacture automatic test equipment.



COMPOSITES AND AIRCRAFT STRUCTURES

Ogden manufactures a variety of aircraft structural components from sheet-metal, advanced composite and low observable materials. We are the Air Force CITE for advanced composite processing and low observable techniques, with proven capability to support workloads for the Advanced Cruise Missile and B-2 aircraft. Unique equipment includes Pro-Engineering 3-D Modeling System, autoclaves ranging in size up to 15 feet by 45 feet, CNC five axis router profiler, laser cutting machine, Radar Cross-Sectional (RCS) and Shearography test chambers, Auss-V ultrasonic, VHF four point probe testing, chemical milling, drop hammer and photo transfer. We are focused on becoming the experts for future weapon system support for such systems as the F-22 Raptor, Joint Strike Fighter and Unmanned Air Vehicles.



MACHINE MANUFACTURING

Ogden has the ability to manufacture products from various metals. We have both machine manufacturing and tool & die capability with the latest technology equipment such as CNC tracer, NC and CNC controlled 3/4/5 axis milling machines, and CAD-CAM design. Various support processes include electroplating, thermal spray, heat treat, foundry, and welding. We also manufacture tubes and cables to most specifications.



MISCELLANEOUS

Additional capabilities include injection molding, rubber molding, and manufacture of products from wood, textiles, silicone, polyurethane, polyester, epoxy and other exotic polymers. We can do rapid prototyping with no limitation in size or complexity. Wood and textile products range from crates, furniture and scale model aircraft (for training aids), to seat covers, fuel cells, tarps and covers.

INFORMATION TECHNOLOGY

Ogden ALC is home to the Air Force's Software Technology Support Center (STSC). The center provides consulting services to government organizations that build, buy, and maintain software-intensive systems. The consulting teams' focus is to provide hands-on help in identifying and adopting efficient and proven technologies that will ensure our war fighters have the highest quality products available. Additional information about the STSC's consulting services is available at <http://www.stsc.hill.af.mil>. The STSC also co-hosts the world renowned DoD Software Technology Conference and publishes CrossTalk, the Journal of Defense Software Engineering.



SOFTWARE DEVELOPMENT

Our software engineering organization is the largest, most diverse and only government organization assessed at level five on the Capability Maturity Model. This places them in an elite handful of organizations. They have a superb ability to develop and maintain a wide array of software applications including mission planning, operational flight programs and automatic test equipment. In addition to development, we can modify and maintain most software.



PARTNERS YOU CAN DEPEND ON!

The complexity of today's technologies and those of the future require support from a partner who can perform. Ogden Air Logistics Center is the partner you need!

We are emerging as innovative leaders for the defense technologies of the future; combining action and quality to ensure the systems you depend on are done right!

PLEASE CONTACT THE OGDEN AIR LOGISTICS CENTER BUSINESS DEVELOPMENT OFFICE:

7981 Georgia Street
Hill AFB, UT 84056-5824
www.hill.af.mil
Commercial (801) 777-8456 or (801) 777-2281
or DSN 777-8456 or 777-2281

WEAPON SYSTEM PROGRAM MANAGEMENT

Ogden provides worldwide engineering and logistics management for major aerospace systems and other associated programs such as advanced composites, electrical accessories, power equipment & support systems, landing gear, physiological trainers, munitions and power conditioning & continuation interface equipment.



F16 SYSTEMS PROGRAM OFFICE

F-16 System Support
Sustainment, Engineering
Manufacturing Development, Modification
Worldwide Deployment

MATURE AND PROVEN AIRCRAFT PROGRAM OFFICE

Mature Aircraft systems support
(A-10, F-4, F-111, T-38...)
Sustainment, Engineering
Manufacturing Development, Modification



ICBM PROGRAM MANAGEMENT

Peacekeeper & Minuteman Missile System
Management & Support
Strategic Missile Test Analysis and Maintenance
Survivability and Vulnerability Integration Center
Propellant Dissection and Analysis

SPACE COMMAND CONTROL COMMUNICATION AND INTELLIGENCE PROGRAM OFFICE

Space Satellite Sensing & Communication
Systems Support
Ground Based Sensors
Ground Theater Air Control System Support
Weather Support Systems
Range Threat Systems

