Ogden Air Logistics Center
309th Maintenance Wing

309 AMARG

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309 AMARG History

Tucson, Arizona selected for
• low humidity,
• firm “caliche” sub-soil
supporting the largest of aircraft

1964 SecDef designated Group sole storage, reclamation & disposal mgr.

65 year history
309 AMARG
Infrastructure

- Industrial Hub (461,293 sq. ft.)
  - Real property buildings - 82
  - Maintenance hangars – 266,000 sq. ft.
  - Warehouse – 156,193 sq. ft.
  - Administrative – 39,100 sq. ft.

- Primary work area . . .
  the desert
  - 2,600 acres of land
  - 12 miles of fence line
Resources

- 800+ civilian, military, and contractors
- 2,600 acres storage space
- 460K sq ft industrial space
- Annual revenue of $122M
- 4,000+ aircraft/6,000+ engines
AMARG Mission Areas

Aerospace Storage and Preservation

Aircraft Parts Reclamation

Depot-Level Maintenance Overflow

Aircraft Regeneration

Aircraft Disposal

Sustaining our Warfighters 24/7
Storage & Preservation

Five Primary Storage Levels

- Inviolate – Type 1000 (XS & XT)
- Modified Inviolate – Type 1500
- Parts Reclamation – Type 2000 (XV)
- Flyable Hold – Type 3000 (XS)
- Excess to Single Manager Req’mts – Type 4000
Parts Reclamation

O G D E N A I R L O G I S T I C S C E N T E R

P-3 Wing Assembly

Structural Components

Flight Control Actuator

Diversity in Parts Reclamation
Aircraft Regeneration

Sustaining our Warfighters 24/7
Depot-level Maintenance Overflow

- A-10 Service Life Extension Program
- A-10 Speedline
- C-130 Program Depot Maintenance
Aircraft Disposal

- Final Defueling
- Assurance Pressure Systems Safe
- Security and Demilitarization of Classified
- Remove/Remediate All Hazardous Materials
- Purging All Halon Serviced Systems
- Engine Dispositions Separate From Aircraft
- Remove Explosive Items/Devices
- Control of Demil/Disposal of Composite Materials

Protecting the Public From Harmful Exposure

Sustaining our Warfighters 24/7
AMARG FSAT Program

• AMARG Full-Scale Aerial Target Program

• Long-term program
• Began in early 1970’s
• F-102, F-100, F-106, F-4, & F-16
• Aircraft regenerated for manned flight
• Drone conversion at BAE Mojave
AMARG FSAT Program

- AMARG Full-Scale Aerial Target Program

Historic FSAT Deliveries

F-102 - 153
AMARG FSAT Program

• AMARG Full-Scale Aerial Target Program

Historic FSAT Deliveries

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<th>Aircraft</th>
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AMARG FSAT Program

• AMARG Full-Scale Aerial Target Program

Historic FSAT Deliveries

- F-102  - 153
- F-100  - 312
- F-106  - 184
AMARG FSAT Program

• AMARG Full-Scale Aerial Target Program

Historic FSAT Deliveries

- F-102  - 153
- F-100  - 312
- F-106  - 184
- F-4     - 300 (of 318)
AMARG FSAT Program

- Depot Level Support
  - SLEP
    - FY09 2
    - FY10 4
    - FY11 2
  - DFT
    - RF-4C Safe Flights
    - Transit Aircraft
    - Water Intrusion TCTO
    - Damage Repairs
AMARG FSAT Program

Reclamation Activities

Number of Parts

- **FY 07**: 484
- **FY08**: 410
- **FY09**: 410
- **FY10**: 641
- **FY11**: 385
AMARG FSAT Program

F-4 to F-16 Transition
AMARG QF-16 Program Schedule

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<thead>
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**Pre-EMD**
- F-16 Reurb

**Transition Prep**
- Final F-4 Delivery
- AIS Capability Established

**Full Rate Production**
- Lot 1: 15 FSATs
- Lot 2: 18 FSATs
- Lot 3: 20 FSATs
- Lot 4: 25 FSATs

**FY18**
- Pre-EMD
- Full Rate Production
- HUSH House Functional
F-16 Engine Re-preservation

- Long Term desert preservation requirements changed for F110s from 4 yr to 1 yr cycle

- 83 F100/F110 engines required re-preservation before Oct 11
  - 28/28 engines shipped to CONUS CIRFs
  - 39/55 engines run at DM
Engine Hush House

- Acquiring Hush House to regenerate QF-16s & represerve F100/F110 engines

- Awaiting Air Staff P341 MILCON funding for $1.9M
  Hush House concrete pad

- Induct 1st Aircraft summer 2013
  - Open Field run Jun 13 – Jan 14
  - Hush house complete Jan 14
QF-16 LRU Requirement

Forecast ea FY

- Blk 15
- BLK 25
- BLK 30
- Total

FY13  | FY16  | FY17  | FY18  | FY19  | FY21  | FY22  | FY23  | FY24
-----|------|------|------|------|------|------|------|------
200  | 232  | 270  | 330  | 350  | 350  | 350  | 392  | 406
112  | 56   | 140  | 140  | 140  | 140  | 140  | 140  | 140
28   | 60   | 120  | 120  | 210  | 210  | 210  | 252  | 266
60   | 120  | 70   | 140  | 0    | 0    | 0    | 0    | 0    

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QF-16 AIS

- Partner with 162<sup>nd</sup> AZNG
  - QF-16 SPO developing SOW for 162<sup>nd</sup> to sustain first 2 yrs
  - Transition to organic capability by FY14

- Bid/Award Contract for Turnkey operation
  - Equipment install and hook up (Aug 12)
  - Training (Nov 12 – Jul 13)
  - Sustain organic workload FY14

Sustaining our Warfighters 24/7
AMARG Vision

“To be the most admired logistics enterprise providing agile and efficient, world-class depot-level maintenance & logistics support.”

...Sustaining our Warfighters 24/7