

UNIT HIGHLIGHTS

Operations continue through the storm – Nearly one week prior to the landfall of what was then Hurricane Irene, weather forecasters from TACC developed long-range airfield impact timelines to facilitate the safe movement of aircraft. As Irene moved closer, nearly 100 Air Force Guard, Reserve and active-duty aircraft from air mobility wings located up and down the East Coast were moved to Air Force bases outside the storm's path. TACC-controlled missions were re-routed, modified and adjusted to continue supporting the warfighter and to maintain uninterrupted support to the homeland defense mission. Despite the weather and the new departure points, aircraft carrying cargo, passengers, and supplies to service members overseas continued their operations.

Total force Airmen evacuate an Antarctic worker – Utilizing night vision equipment and navigating around volcanic ash hazards, a C-17 Globemaster III and crew from Joint Base Lewis-McChord, Washington, alongside aeromedical evacuation and Critical Care Air Transport Team Airmen, successfully evacuated an ailing Antarctic government contractor. Active Duty, Guard and Reserve Airmen attached to this mission assembled the full range of medical and support capabilities. In less than 18 hours after being notified of the mission, they arrived in Christchurch for staging as they faced the challenge of safely evacuating the patient out of the Antarctic.

The fallen return home – President Barack Obama privately honored the remains of the fallen troops killed in a helicopter attack that claimed more American lives than any other incident of the Afghanistan war. Obama arrived at Dover Air Force Base to preside as the remains of U.S. forces were carried off two AMC C-17 Globemaster IIIs, under the command & control of the 618th AOC (TACC). His unscheduled afternoon trip was kept secret to ensure the security of his helicopter flight to Dover Air Force Base, Del.

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618TH AOC CONTROLLED SORTIES

July 1, 2011 – September 30, 2011

AIRLIFT

AIRCRAFT	SORTIES	PASSENGERS	TONS
C-5	1,214	8,511	13,728
C-17	9,832	179,823	95,425
C-130	665	936	544
CONTRACT	6,848	275,569	68,576
MISC *	2,934	6,762	1,991
TOTALS:	21,493	471,601	180,264

*Subtracted Aeromedical Evacuation and Air Refueling sorties.

AIR-TO-AIR REFUELING

AIRCRAFT	SORTIES	GALLONS PASSED
KC-10	438	5,533,418
KC-135	1,474	11,223,134
TOTALS:	1,912	16,756,552

AEROMEDICAL EVACUATION

TYPE	MOVEMENTS
URGENT – as soon as possible	48
PRIORITY – within 24 hours	529
ROUTINE – within 72 hours	4,142
TOTALS:	4,719

OTHER NUMBERS

DIPLOMATIC CLEARANCES	74,827
JOINT EXERCISE SORTIES	177
FLYING HOURS CONTROLLED	108,260

The 618th AOC (TACC) is Air Mobility Command's global air operations center responsible for command and control of Air Force and commercial air mobility assets, 24/7/365.

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618TH AIR AND SPACE OPERATIONS CENTER

*Contributions to the Fight
July-September 2011*



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618TH AIR AND SPACE OPERATIONS CENTER

CONTRIBUTIONS TO THE FIGHT (JULY-SEPTEMBER 2011)

Mobility Management (XOB)

- Postured C-130s, C-17s and KC-135s to maintain vigilance during heightened security for the 10th anniversary of 9/11. As the U.S. and the world stopped to remember impacted victims and families, Air Mobility Command and the 618 AOC (TACC) stood ready to respond to any adverse threat.
- XOB tasked the first ever movement of a U.S. fighter jet using a U.S. cargo aircraft. An F/A-18 Super Hornet with fuselage damage was returned from Afghanistan to the U.S. in a C-5 Galaxy.
- Allocated KC-10 and KC-135 air refueling (AR) aircraft to support 1,356 missions, offloading 52 million pounds of fuel in support of multiple simultaneous requirements. The requirements included Operation Enduring Freedom (OEF), Operation New Dawn (OND), and Operation Unified Protector (OUP), movement of the President (POTUS) and the Secretary of Defense (SECDEF), the final space shuttle launch, and seven Strategic Arms Reduction Treaty (START) compliance missions.

Director of Operations (XOZ)

- Supported multiple POTUS and VPOTUS missions, while continuing to provide world-class support to top military and civilian leaders.
- Directed the execution of polar overflights, especially KC-135 deployers and redeployers, now on the regular schedule.
- Five C-17 Globemaster IIIs and five KC-135 Stratotankers supported the massive airdrop over Queensland, Australia during exercise Talisman Sabre.
- XOZ remained busy directing the movement of dozens of missions in the Pacific, Atlantic and gulf regions when tropical storms and hurricanes threatened previously planned routes.

Global Channel Operations (XOG)

- Planned and operated AMC's first non-stop C-5M channel mission from Dover AFB, Del., to Bagram Airfield, Afghanistan. The movement required one AR over British air space during the 13 hour, 50 minute trip. The mission utilized established routes that typically require a crew rest and fuel stop on other C-5 models. The total mission time was 1 hr and 10 minutes quicker than the arctic overflight route. The new route provides invaluable options and increased flexibility for mobility assets to deliver faster and more efficiently.
- Operated the 1st U.S. Flagged Commercial Carrier channel mission from Dover AFB, Del., to Bastion Airfield, Afghanistan. The mission was such a success the frequency of this channel mission increased to two missions per week.
- Coordinated two highly publicized OEF human remains missions returning U.S. heroes with honor.
- Provided support to war fighter by delivering over 2,572 tons of MRAP armor and axle kits to the CENTCOM area of responsibility.
- Due to pending port closures to prepare for Hurricane Irene, 32 channel missions were affected, 20 missions were re-cut and/or rerouted and 12 missions were canceled at no cost.

Global Readiness (XOP)

- XOP executed AMC short-notice airlift of 249 short tons and 879 passengers in support of overseas contingency operations.
- Delivered more than 19,000 critical airdrop parachutes to the CENTCOM area of operations.
- Planned 17 missions moving 424 short tons and 198 passengers in response to Hurricane Irene. XOP saved \$100,000 by aggregating sensitive cargo in a time critical environment.
- Planned and executed the European multi-modal effort maximizing C-5 cycle times and supporting the delivery of 96 mission critical helicopters for OEF operations.
- XOP supported OUP by planning 23 missions moving 785 short tons and 175 passengers.
- Enabled joint participation in nine major exercises around the globe in five different regions. The missions moved 12,800 passengers and 887 short tons, including an airdrop of 350 troops into Australia for TALISMAN SABER.
- Immediately responded to a mass casualty incident in Afghanistan. Redirected two C-17s to move 56 injured personnel to definitive care less than 12 hours following notification.

Global Mobility Weather Operations (XOW)

- XOW provided continuous base impact forecasts to USTRANSCOM, AMC, and 18 AF in response to the Hurricane Irene evacuation along the eastern seaboard. Forecasters allowed for the timely generation of 314 sorties that moved 83 aircraft from 12 different AMC locations.
- Generated more than 10,000 electronic weather packages including more than 4,000 weather hazard charts and 650 mitigated sorties in support of more than 21,000 TACC-controlled missions.

Command and Control (XOC)

- Utilized ROTA CONOPS to successfully deploy the 82nd Combat Aviation Brigade (CAB) and redeploy the 10th CAB. The multi-modal CONOPS significantly increased aircraft capacity by reducing the mission cycle time. The method allowed three C-5 aircraft to deploy 62 helicopters and 650 tons of cargo, while redeploying 35 helicopters and 996 short tons of cargo.
- XOC managed the repair of 1,015 aircraft at 115 different locations with an average repair time of 38.7 hours. These recoveries were facilitated by movement of 174 maintenance recovery teams, 273 pieces of equipment, and 1,327 parts.
- XOC Command and controlled 31 coronet missions used to deploy and redeploy fighter aircraft. To execute, 107 tankers were used to support the movement of 237 fighter aircraft.
- Through the quarter, XOC executed 14,430 flight-managed sorties. Flight managers saved 4.6 million pounds of fuel valued at \$2.7 million by not "tankering" fuel through Bagram Airfield, Afghanistan.
- The AMC Command Center received, processed, and disseminated more than 350 sensitive and time critical operational reports, and roughly 1,600 emergency action messages.

Mission Support (XON)

- During the quarter, the Data Division analyzed more than 29,000 departures and completed more than 400 internal and external queries. Working closely with the AMC FE0, XON recovered over 7 million pounds of fuel by capturing data that would otherwise have been lost.
- Executed 100% of the budget for 18 AF and TACC. Effectively budgeted and expended more than \$9.8 million for operations and management programs as well as \$27.8 million towards Transportation Working Capital Funds. No money was returned to AMC finance as overage.
- XON identified and defended requirements for rated officer fills throughout TACC. XON successfully placed 17 rated officers and raised rated manning levels to stronger end-strengths to support our critical mission.
- The technology division worked 90 internal taskings, implemented new web-based applications like Stan/Eval testing, Air Combat Command Air Operations Squadron Coronet Planning files, fitness tracking, as well as significant enhancements to the Mission Planning Checklist application supporting numerous AOC directorates and USTRANSCOM's AT21 program.
- Expanded the AOC data warehouse to include mission specific data from new sources including ACFP, ACARS, maintenance APU/AGE use, and AR event details.

Current Operations (XOO)

- XOO personnel planned more than 732 missions, moving nearly 135,000 passengers and 16,900 tons of cargo. These missions supported the POTUS, VPOTUS, FLOTUS, SECDEF, Secretary of State, Secretary of the Air Force, Chairman, Joint Chiefs of Staff, NATO Air Chiefs, international treaty efforts, Joint POW/MIA recovery ops, counter drug, OEF, OND, Missile Defense Agency, Operation Deep Freeze, Armed Forces Entertainment, Thunderbird European Tour, space shuttle launch and landing, Soyuz capsule return, Red Flag/Green Flag/Dacian Thunder/Ulchi Freedom Guardian/Valiant Mark Exercises, and numerous other military and civilian agencies.
- XOO also planned 118 missions delivering 8,974 passengers and 8.23 million pounds of cargo for DoD special users.
- The Coronet Planning Branch planned AR support for over 121 fighter movements, supporting more than 578 fighter aircraft, offloading 20.8 million pounds of fuel, including support for two RED FLAG exercises, Iceland Air Policing, the first ever FMS delivery of Moroccan F-16s, and multiple contingency swap-outs.
- The Homeland Defense Tanker Branch planned 236 air refueling sorties, offloading 15.3 million pounds of fuel, including Combat Air Patrol (CAP) and Airborne Early Warning (AEW) support for POTUS, Hurricane Irene, United Nations General Assembly, 9/11 10th Anniversary, and multiple Air Control Level (ACL) changes.
- The New Requirements Air Refueling Branch planned 394 missions, offloading 16 million pounds of fuel, including support for OEF, OND, and OUP.