



FACT SHEET

505th Command and Control Wing

605th TEST AND EVALUATION SQUADRON

The 605th Test and Evaluation Squadron (605 TES) at Hurlburt Field, Florida, is part of the 505th Test and Evaluation Group at Nellis Air Force Base, Nevada, 505th Command and Control Wing (505 CCW) at Hurlburt Field. The squadron began as the 605th Test Squadron at Eglin Air Force Base, Florida, in 1993 and moved to Hurlburt Field in 1997. It was renamed and structured under the 505 CCW in 2004.

Purpose

The 605 TES is the command and control (C2) and intelligence, surveillance and reconnaissance (ISR) test manager for the US Air Force Warfare Center and Air Combat Command. The 605 TES is responsible for conducting operational test (OT) and tactics development and evaluation (TD&E) on C2ISR collection, processing, and exploitation systems, as well as managing and providing resources to support OT, developmental testing, and various major command (MAJCOM) and joint special projects. The unit also supports C2 weapon systems development and modernization.



Mission

The 605 TES conducts OT on the following theater air control system (TACS) and ISR systems: Airborne Warning and Control System (AWACS), Joint Surveillance and Target Attack Radar System (JSTARS), air operations center (AOC), tactical air control party (TACP), air support operations center (ASOC), control and reporting center (CRC), National Capital Region-Integrated Air Defense System (NCR-IADS), battlefield control center (BCC), Air Force distributed common ground system (AF DCGS), and other systems as directed for the Joint warfighter. The unit develops and evaluates tactics that optimize the combat capability of these weapon systems. It conducts field visits to familiarize operational units with test results.

Organization:

To execute this mission, the 605 TES oversees operations at Hurlburt Field; Detachment 1 at Seattle, Washington; Detachment 2 at Melbourne, Florida; and operating locations at Nellis AFB, Nevada; Langley AFB, Virginia; and Fort Dodge, Iowa.

605 TES

Air Operations Center (AOC) Flight - Hurlburt Field

The AOC Flight (DOA) conducts OT on key Joint, combined, and unit-level systems that exercise C2 of theater-wide aerospace forces in support of the joint force commander's campaign plan and enable the joint/combined forces air component commander to accomplish the mission. Operating Location-B reports to the DOA Flight and is located at the Ryan Center, Langley AFB.

Control and Reporting Center (CRC) Flight - Hurlburt Field

The CRC Flight (DOC) conducts OT for TACS required for the joint warfighter. DOC focus is on the CRC and other tactical elements of the theater air-ground system (TAGS) and their interface with other systems. OL-C reports to DOC flight and is collocated with the 133d Test Squadron, Fort Dodge.

Homeland Defense (HD) Flight - Hurlburt Field

The Homeland Defense Flight (DOH) conducts OT on select C2 systems as required for the joint warfighter. DOH focus is on the battlefield control centers (BCC) and National Capital Region-Integrated Air Defense System (NCR-IADS) and their interface with other systems.

Intelligence, Surveillance, and Reconnaissance (ISR) Flight - Hurlburt Field

The ISR Systems Flight (DOI) conducts OT of systems used to integrate C2ISR-based capabilities for the joint warfighter. DOI focus is on sustainment testing of the Air Force Distributed Common Ground System (AF DCGS), cryptographic modernization (CM), signals and imagery exploitation systems, next-generation ISR quick-reaction capabilities, counter-improvised explosive devices (C-IED) systems, and the assessment of impacts to warfighter TTPs.

Tactical Air Control Party (TACP) Flight - Hurlburt Field

The TACP Flight (DOT) conducts OT for TACP systems required for joint coalition warfighters.

Technology Integration Flight - Hurlburt Field

The IA and Integration Flight (DTI) provides a consistent approach for assessing and evaluating information assurance (IA) during OT activities that aligns with current DoD and Air Force IA policy and guidance across the spectrum of C2 system the unit supports. OL-A reports to DTI flight and is located in CAOC-N, Nellis AFB.

Test Support and Analysis Flight - Hurlburt Field

The Analysis Flight (DTA) provides test and analysis expertise and support, as well as technical support for all tests in the other flights. The flight also provides data collection support and analysis for the squadron, as well as website design and maintenance.

Test Management Flight (DTM) - Hurlburt Field

DTM provides oversight, management and standardization of squadron test and evaluation processes. The flight provides test documentation and electronic project order (EPO) oversight for standardization, editing, staffing, archiving, and closeout. DTM manages the squadron test and evaluation training and certification program and metrics data collection and reporting. DTM provides assistance, advice, and guidance to 605 TES project managers for proper management of assigned test programs. DTM acts as the squadron's interface with 505 Test Evaluation Group and HQ ACC A5TT, Test and Evaluation Branch for staffing of test plans and reports and EPOs.

Detachment 1 - Seattle, Washington

Provides OT for the Airborne Warning and Control System (AWACS) E-3 aircraft.

Detachment 2 - Melbourne, Florida

Provides OT for the Joint Surveillance and Target Attack Radar System (JSTARS) E-8C aircraft.

Point of Contact

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