

United States Army Operational Test Command (USAOTC)

Airborne and Special Operations Test Directorate

Directorate Command Brief

05 August 2018



U.S. Army Test and Evaluation Command

U.S. Army Operational Test Command





Agenda

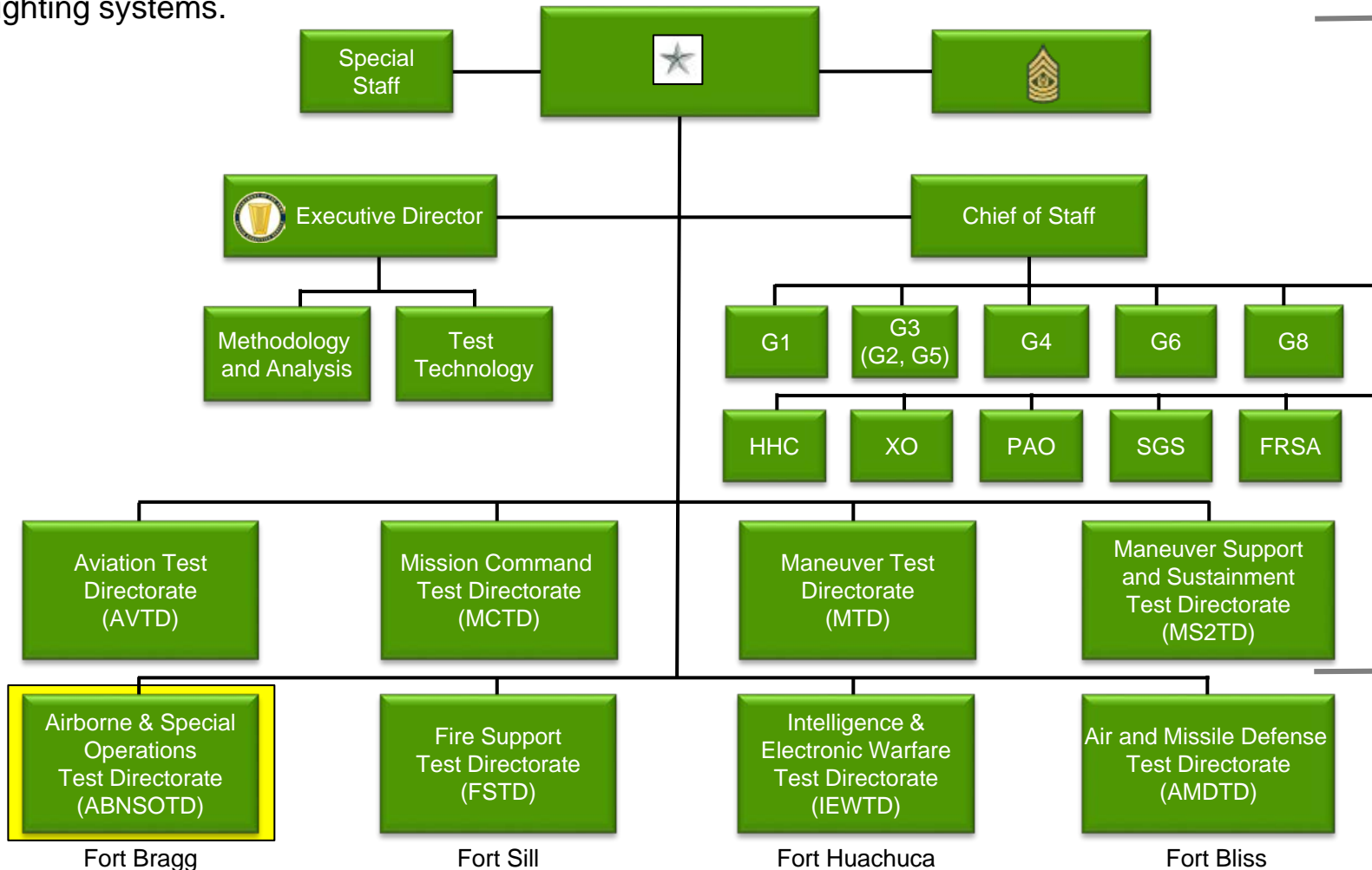
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 - Personnel, Special Operations Branch
- Test Request Process
- Summary





OTC Mission and Organization

U.S. Army Operational Test Command, in collaboration with our Test and Evaluation partners, conducts independent operational testing to inform acquisition and fielding decisions for Army and select multi-service Warfighting systems.



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Updated as of 16 May 2018





Directorate Mission

ABNSOTD plans, executes, and reports on operational tests and field experiments of Airborne and Special Operations Forces equipment, procedures, aerial delivery and air transportation systems in order to provide key operational data for the continued development and fielding of doctrine, systems or equipment to the Warfighter.

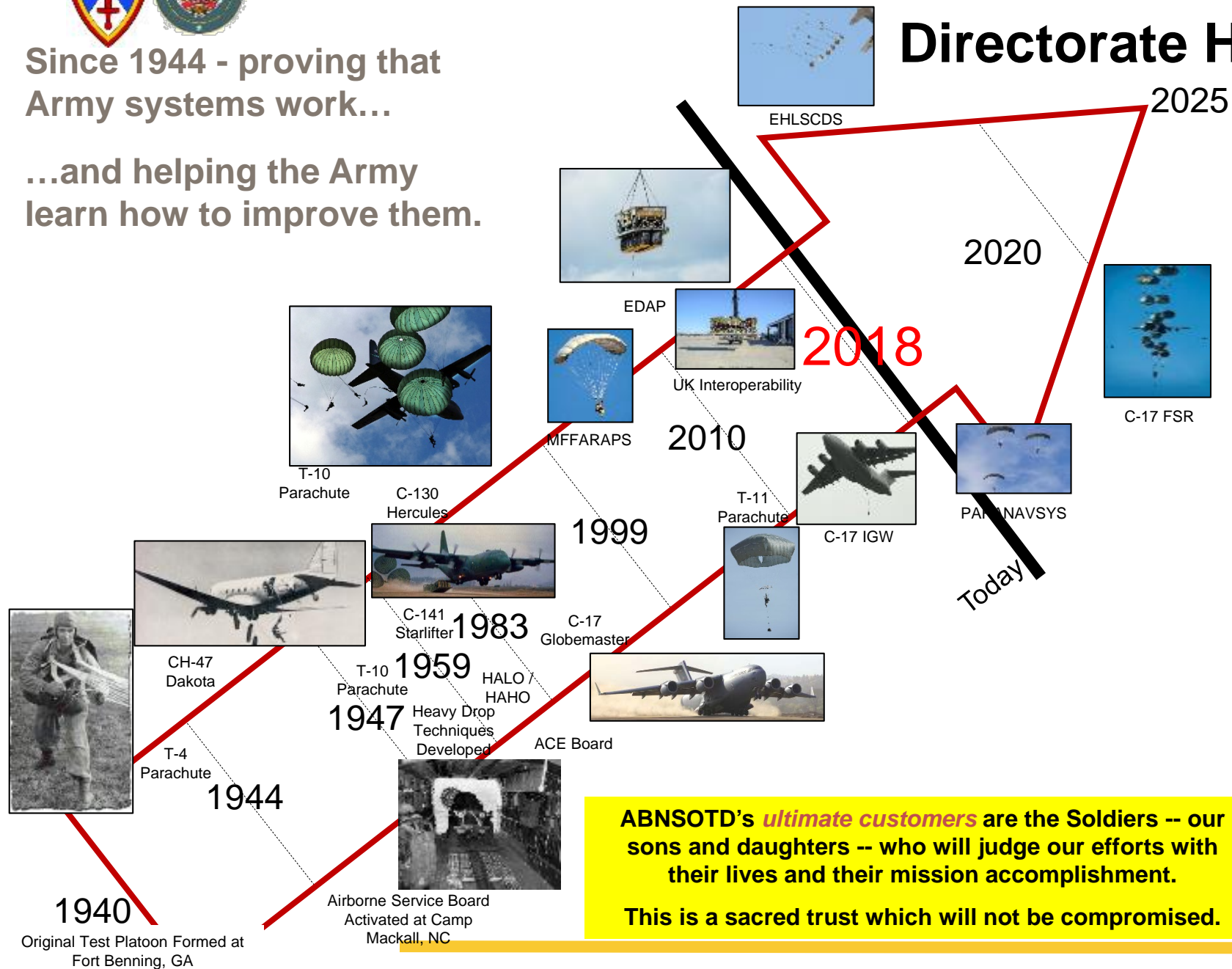




Since 1944 - proving that Army systems work...

...and helping the Army learn how to improve them.

Directorate History



ABNSOTD's *ultimate customers* are the Soldiers -- our sons and daughters -- who will judge our efforts with their lives and their mission accomplishment.

This is a sacred trust which will not be compromised.





Unique Test Directorate

- Expertise and continuous training: 80% SL Jumpmasters / 30% Mil Free Fall Jumpmasters
- Static Line (SL) and Military Freefall (MFF) Test Parachutist Training and Proficiency

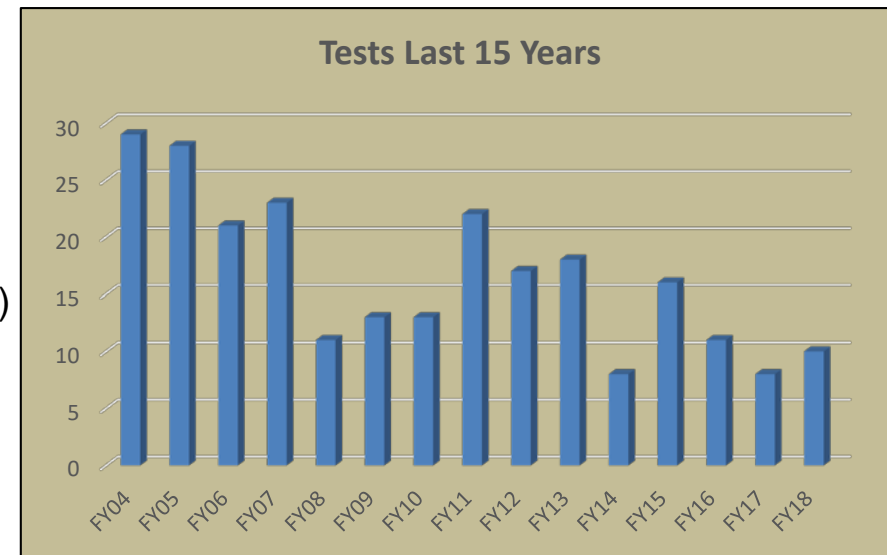
Individual

SL Jumpmaster
 MFF Basic Course
 MFF Jumpmaster
 Pathfinder
 Air Assault
 Master Rigger
 USPA Coach
 Accelerated Freefall – Instructor
 Special Skills Training

Unit

DBSL Training Week
 MFF Training Week
 SL Water Training (Rotary and Fixed Wing)
 MFF Canopy Control Course
 CWST / Wet Silk
 Strong Swimmer

- T-6 Training (Air to Air Video) *Redstone Test Center
- Safety – Risk Mitigation
- Individual Development Plans (IDPs) (DACs and MIL)
- Acquisition Work Force (AWF) (DACs and MIL)
- Military OES / NCOES
- AR 350-1 and ATTM
- TEBC and TOOC



March 2017 – February 2018: Planned 65 total Airborne Operations; Staffed 77 Deliberate Risk Assessments; Executed 2,202 total MFF / SL / DBSL personnel drops; Executed 110 Test Iterations.





Test Parachutist Overview

- Indoctrination Program
- Rigorous Six Month POI to Certification
- Jumpmaster-Specific Training
- Master Jumpmasters
- Certification





Customers Supported:

- Program Executive Offices (PEO)
 - PEO Soldier
 - PM Soldier Clothing and Individual Equipment
 - PM Soldier Weapons
 - PM Soldier Sensors and Lasers
 - PM Soldier Warrior
 - PEO Combat Support and Combat Service Support
 - Joint Program Office (JPO) JLTV
- XVIII Airborne Corps
- 82nd Airborne Division
- Global Response Force
- USASOC
- JSOC
- JOINT (USAF, USMC)

What Sets Us Apart

Responsiveness: Typical test duration from receipt of tasking to test execution is less than 180 days. Ex: C-17 CAADS

Relationships: Great rapport within the Airborne/Airlift Community (XVIII ABC, Ft. Lee, Ft. Benning, AMC, Natick, 47th Aerial Delivery Squadron (UK))

Efficiencies: Proximity to the Airborne Community; co-located with the majority of Airborne Units

Operational Tests





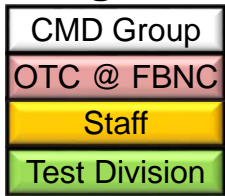
What Requires Airdrop Certification?

- All Vehicles, Engineer Equipment, Re-Supply Loads, Heavy Drop Loads
- Items that create an electromagnetic signature
 - Computers, audio-visual equipment, communications equipment, global positioning system receivers
- High dollar end items - Weapons, Lasers, NVGs, Sensors, Optics
- New personnel and cargo parachutes, Rucksacks, Weapons Containers, Medical Bags
- Other items - additional items that do not require special packaging /protection may be jumped inside Rucksack/MAWC
 - Camel Pack - Approved for internal rucksack or external wear

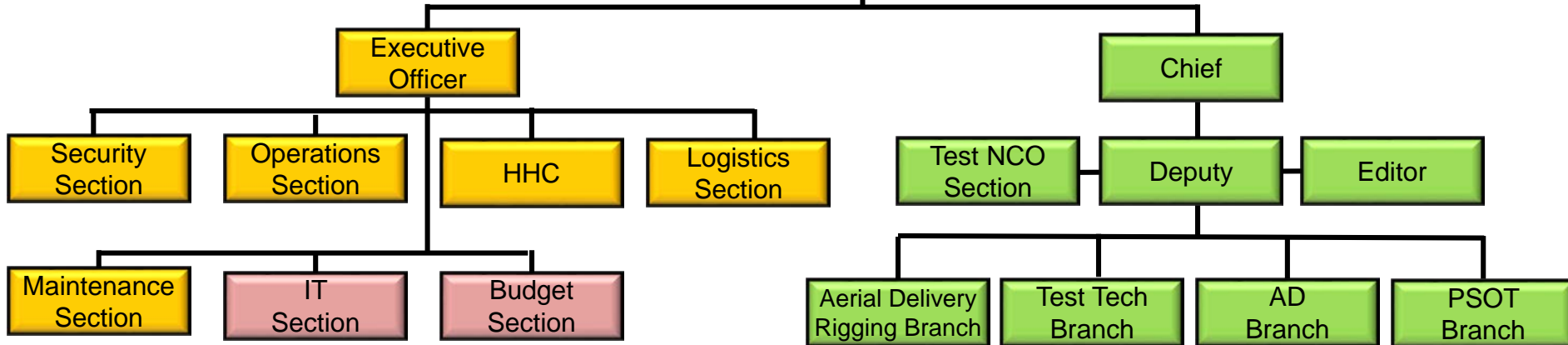
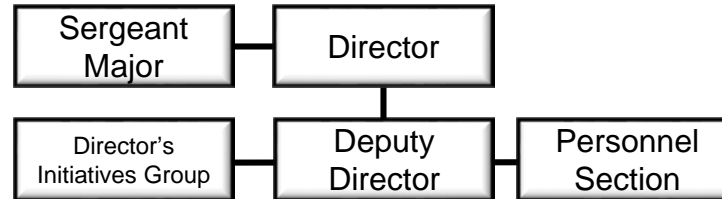




Legend



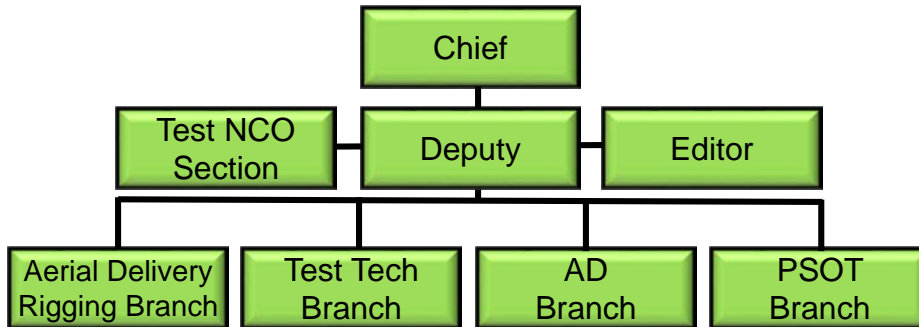
Task Organization





Test Division

Personnel



How Do We Support ABNSOTD

ABNSOTD Test Division plans, executes, and reports on operational tests and field experiments of Airborne and Special Operations Forces equipment, procedures, aerial delivery, and air transportation systems in order to provide key operational data for the continued development and/ or fielding of doctrine, systems, and equipment to the Warfighter.

Key Tasks

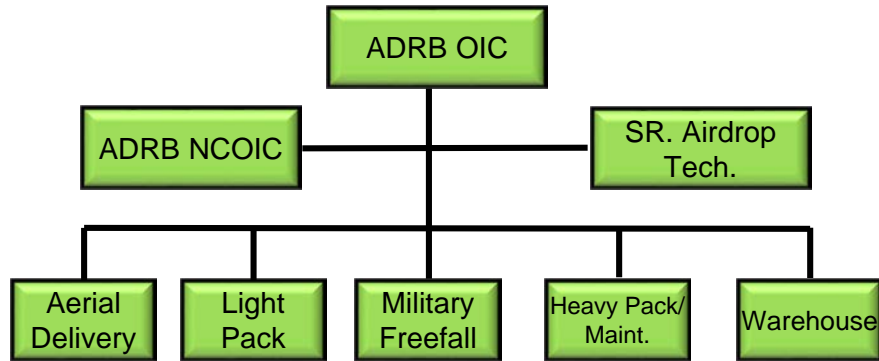
- Responsible for planning, organizing, executing, analyzing results, and preparing test reports for personnel, individual equipment, and aircraft certification tests
- Has primary responsibility for conducting the test from its conception through the final test report
- Develops the test plans, directs and manages the test execution, directs the data collection effort, and prepares test reports and associated documents





Aerial Delivery Rigging Branch

Personnel



How Do We Support ABNSOTD

Plan, organize, prioritize, resource and synchronize all aspects of Aerial Delivery to include heavy drop rigging, and personnel parachute support for all Operational Tests.

Key Tasks

- Supports all airborne operational testing with required life support equipment, oxygen, breather consoles, navigational and emergency bailout equipment.
- Supports all airborne equipment operational testing. Responsible for the rigging of all Type V platforms and all Dual Row platforms.
- Responsible for the verification of rigging and Sling Load procedures for New and Non-standard equipment. Conduct Static Drops for New and Non-standard equipment.



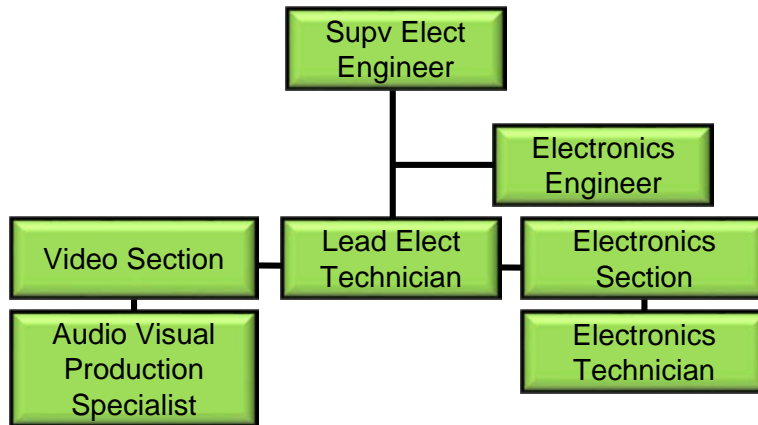


Test Technology Branch

How Do We Support ABNSOTD

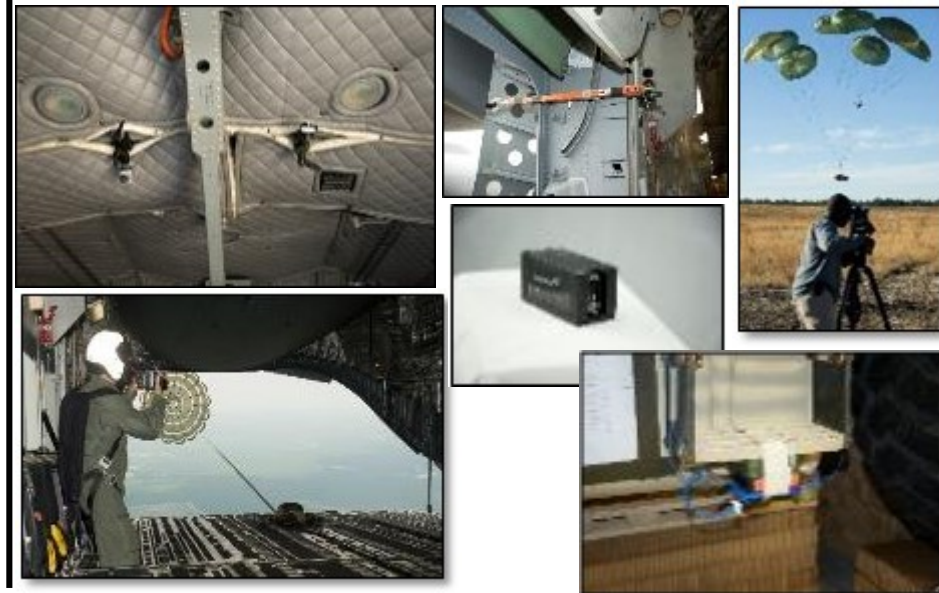
Provide instrumentation data for operational tests, assessments, and experiments.

Personnel



Key Tasks

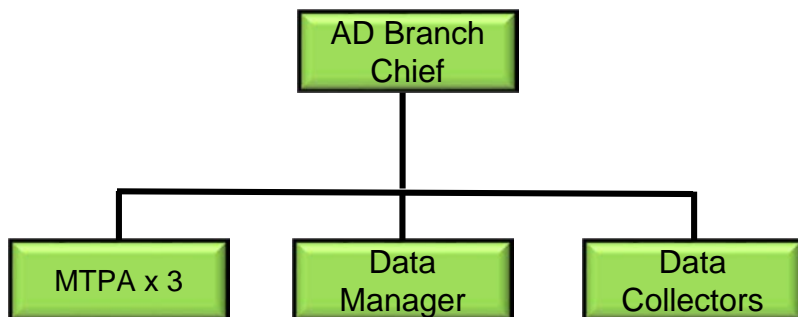
- Install instrumentation on test items, parachutists
- Install cameras inside test aircraft, on test items
- Provide air-to-air, ground-to-air test videos/stills
- Provide high speed video, meteorological data
- Analyze instrumentation data, provide completed videos/stills, achieve
- Contract management – R&D, IDIQ, COTS
- Oversee Fort Hood CTS Local Contract as COR





Aerial Delivery Branch

Personnel



How Do We Support ABNSOTD

Test Division's Aerial Delivery Test Branch plans, executes, and reports on tests specific to low-velocity airdrop, external air transport, and internal air transport in order to provide key operational data for the continued development and/or fielding of doctrine, systems, and equipment to the Warfighter.

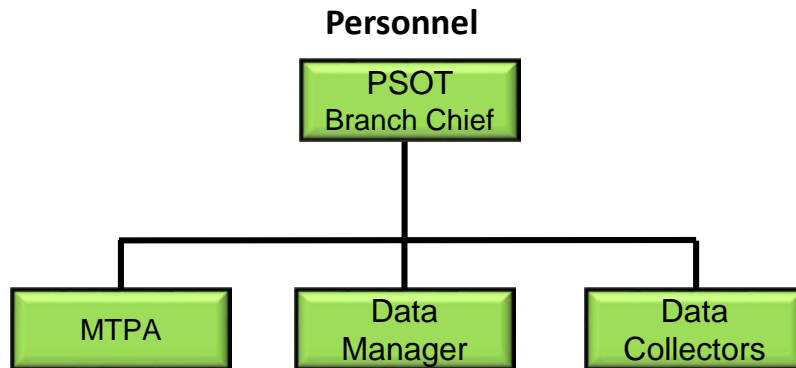
Key Tasks

- Responsible for planning, organizing, executing, analyzing results, and preparing test reports for low-velocity airdrop, external air transport, and internal air transport
- Develops the test plans, directs and manages the test execution, directs the data collection effort, and prepares test reports and associated documents
- Coordinates with Tech Technology Branch and Aerial Rigging Branch for rigging and instrumentation support ISO testing.





Personnel and Special Operations Test Branch



How Do We Support ABNSOTD

Test Division's Personnel and Special Operations Test (PSOT) Branch plans, executes, and reports on operational tests specific to Airborne and Special Operations Forces equipment. Types of tests include weapon systems, helmets, rucksacks, night vision and targeting devices, aircraft certification and personnel parachutes for both static line and military free fall.

Key Tasks

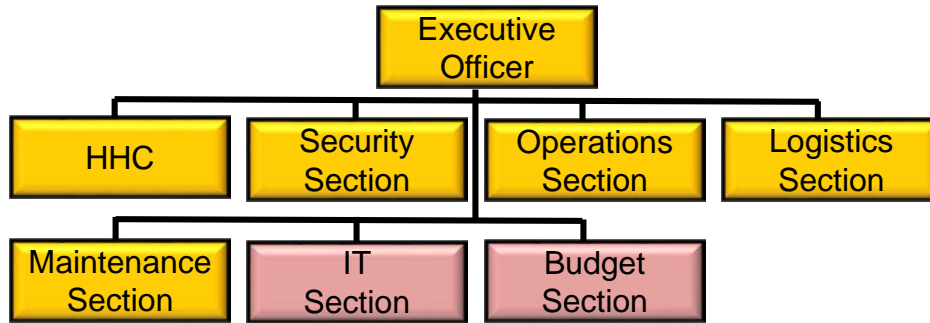
- Responsible for planning, organizing, executing, analyzing results, and preparing test reports for personnel, individual equipment, and aircraft certification tests
- Has primary responsibility for conducting the test from its conception through the final test report
- Develops the test plans, directs and manages the test execution, directs the data collection effort, and prepares test reports and associated documents
- Coordinates with Tech Technology Branch and Aerial Rigging Branch for rigging and instrumentation support ISO testing.





Directorate Staff

Personnel



Legend



How Do We Support ABNSOTD

- Personnel- DTS; ATAAPS
- Security- PR; physical security; foreign visits; badging
- Operations- mission resourcing and synchronization; training management
- Logistics- contract management; GPC; property; logistical operations support to testing/training
- Motor Pool- vehicle fleet management
- IT- complete suite/infrastructure (NIPR, SIPR, VTC)
- Budget- Budget Execution; Fiscal Reports
- Safety- safety program management and council

Key Tasks

- Test Operations Synchronization Across the Staff
- Training Synchronization Across the Staff
- Personnel and Equipment Management (ATAAPS, Property Book, GCSS-A Conversion, Vehicle Fleet)
- Network accreditations and Migrations
- Physical, Network, Information... Security
- Administration- Evals, Awards, Training





Test Request Process

Program of Record Test – Any acquisition program supporting an acquisition milestone must be requested using the Request for Test Services (RFTS) form available on the ATEC Decision Support System (ADSS) homepage.

Customer Test – Generally are not in support of an acquisition milestone decision. There are three different electronic forms customized for various customer and support requirements. These forms may be accessed via the ATEC website or by contacting the ABNSOTD at the phone numbers below.

COM: 910-432-TEST (8378)

DSN: 239-TEST (8378)





Summary

ABNSOTD personnel are trained, equipped, and ready to conduct operational testing in support of Airborne and Special Operations forces worldwide.

ABNSOTD web page:

<https://www.otc.army.mil/directorates/abnsotd.html>

Contact Info: ABNSOTD Operations (910) 396-3308

