

Army Test and Evaluation Command Scheduling Process Perspective

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Conference

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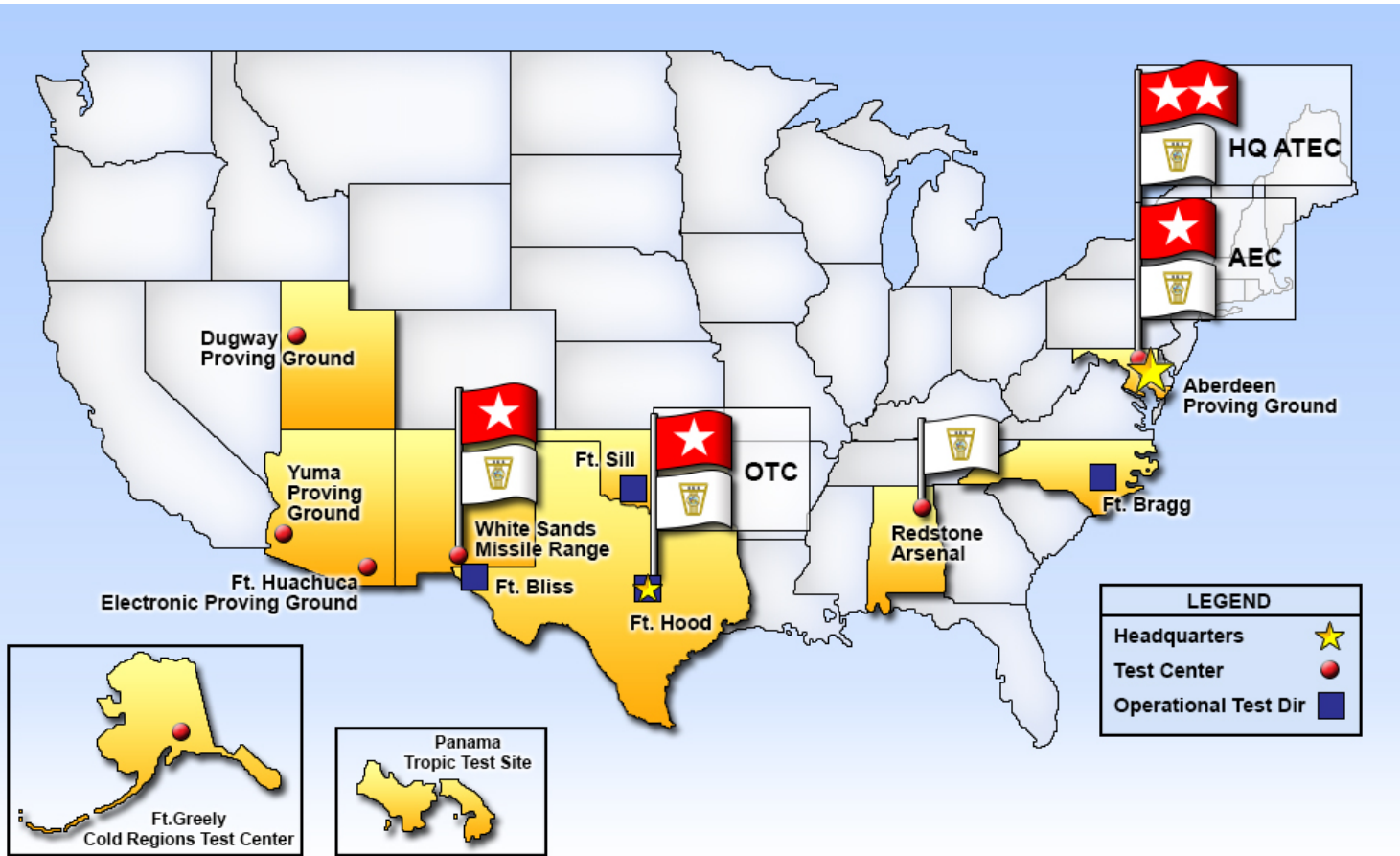
Topics

- Army Test and Evaluation Command (ATEC) Locations
- Policy
- Processes
- Considerations
- Coordination





ATEC Facilities



LEGEND	
Headquarters	★
Test Center	●
Operational Test Dir	■

AEC - Army Evaluation Center
 ATC - Aberdeen Test Center
 CRTC - Cold Regions Test Center
 DPG - Dugway Proving Ground
 EPG - Electronic Proving Ground
 HQ - Headquarters

OTC - Operational Test Command
 RTC - Redstone Test Center
 TRTC - Tropic Regions Test Center
 WSMR - White Sands Missile Range
 YPG - Yuma Proving Ground





Policy

➤ **Department of Defense Directive 3200.11, *Major Range and Test Facility Base:***

- “Scheduling of the MRTFB shall be based upon a priority system that gives equitable consideration to all DoD Components and accommodates DoD acquisition program priorities”

➤ **Department of Defense Instruction 3200.18, *Management and Operation of the MRTFB:***

- “Scheduling of the MRTFB shall be based upon a priority system that gives equitable consideration to all DoD Components. Does not discriminate among DoD programs on the basis of DoD Component sponsorship, and accommodates DoD acquisition program priorities”

➤ **Army Regulation 73-1, *Test and Evaluation Policy:***

- Scheduling of test resources will be IAW DODD 3200.11.
- Without compromising primary responsibility to DOD customers, MRTFB commanders will assure equitable consideration for commercial customers and non-DOD users at their facilities IAW DODD 3200.11.

➤ **Army Regulation 385-63, *Range Safety***

➤ **WSMR Regulation 70-3, *Test Range Scheduling***

- “To assign the responsibilities and prescribe the policies and procedures for scheduling White Sands Missile Range (WSMR) open air test and training operations/missions.”





Procedures

(Example: White Sands Missile Range)

➤ **Range Commanders Council (RCC) Document 556-16, *Range Scheduling Deconfliction Guidelines***

- “Provides a common set of guidelines & information to facilitate orderly inter-range scheduling”

➤ **Efficient Range Utilization:** “utilization of resources as well as range support element limitations must be considered”

➤ **Mission Scheduling Priorities:** Seven priority levels

➤ **Scheduling Tool:** “WSMR has implemented a new electronic Scheduling Tool called the Test Resource Management System (TRMS).”

- WSMR Memorandum, *Business Rules for Use of the Test Resource Management System (TRMS) Range Scheduling Tool* which “provides the basic business rules for implementation of the new White Sands Test Center (WSTC) Range Scheduling tool.”

➤ **Weekly Scheduling Meeting:** Held Thursday of every week to review the Range schedule

➤ **Scheduling on weekends / holidays:** “Weekends are not considered normal working days and should only be used 1) As a backup in the event a mission cancels or aborts during the week or 2) For scheduling missions that require significant airspace and almost no other resources”

➤ **Cancellation Charges:** “At this time, there are no cancellation charges; however, unavoidable direct costs that have occurred prior to the customer cancelling or aborting the test are charged to the customer.”





Considerations

(Example: White Sands Missile Range)

Scheduling Considerations

“Scheduling is an iterative process and requires a careful balance to ensure efficient range utilization, taking into consideration program and mission priorities, and managing the external factors due to our neighboring communities, to provide the best support to all our range customers.”

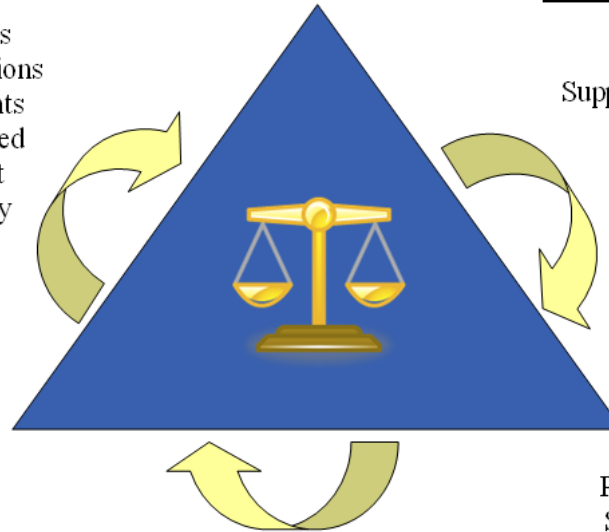
Efficient Range Utilization

- Mission types
- Airspace requirements
- Flight Safety considerations
- Off Range commitments
- Range elements required
- Long Range Forecast
- Execution consistency

External Factors

- Hwy 70 & 380 Blocks
- Ft. Bliss Evacuation
- Off Range Evacuations
- WSNM Evacuation
- Cattle Drive
- Hunts
- Off Range Airspace
- External Coordination

Range Utilization



Range Support Element Limitations

- Turn around time
- Length of day
- Support elements ability to support
- Weekends/Holidays

Program and Mission Priority

- Program Priority
- WSMR Program Priority List

- Mission Priority
- Mission Priority Request Form
- Programmatic milestone requirements
- Specific mission events (i.e. celestial, jamming, SATRAN, etc)
- Linked Missions
- Mission timeline flexibility
- Locality or Base-ops (deployment)
- Criticality of backups, etc

Meets the Needs of the Test and Training Mission





Coordination

- ATEC Service Request: <https://www.atec.army.mil/rfts.html>
- ATEC Facilities: <https://www.atec.army.mil/units.html>
- Doing Business with White Sands:
<http://www.wsmr.army.mil/testcenter/dbwws/Pages/default.aspx>





Questions?

