



# Air Mobility Branch

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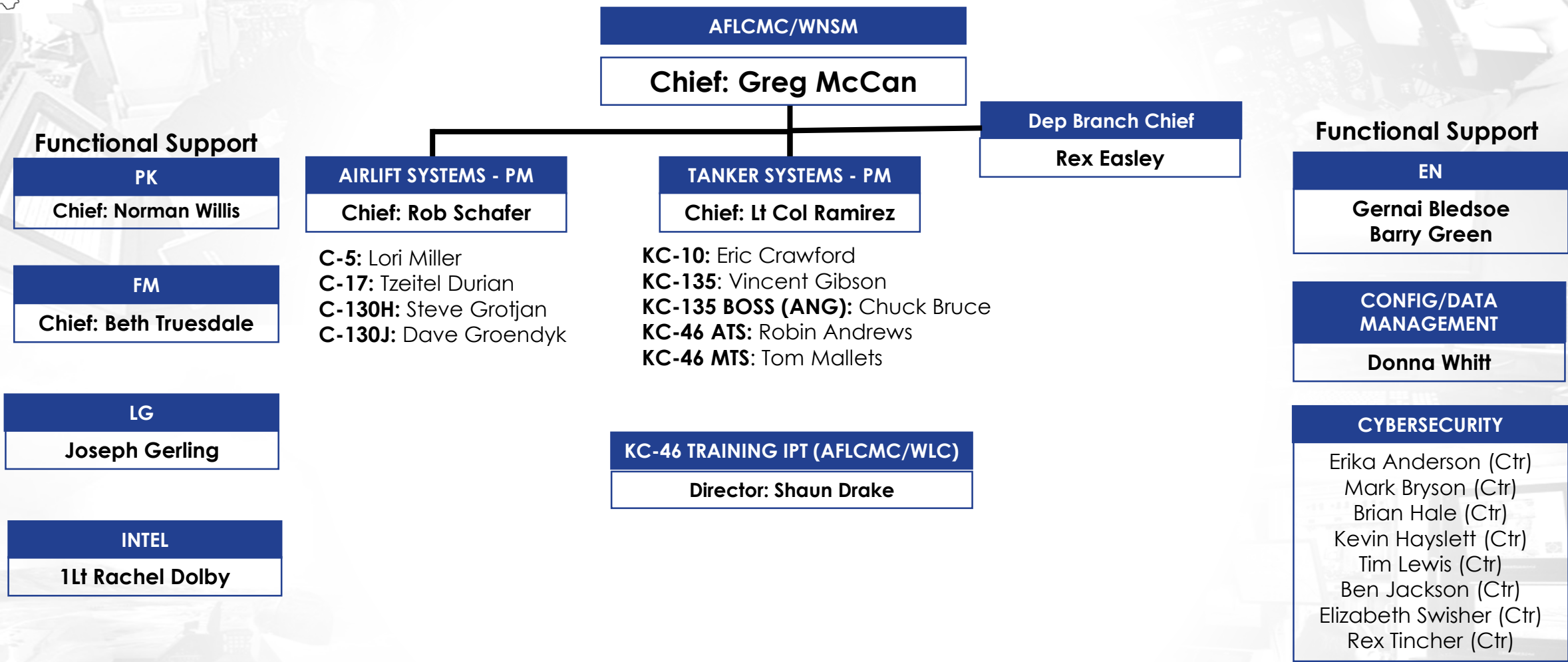
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**11 August 2021**

Disclaimer: The information provided herein represents the Government's best understanding of the procurement as of the presentation date. This information should be considered preliminary and subject to change.

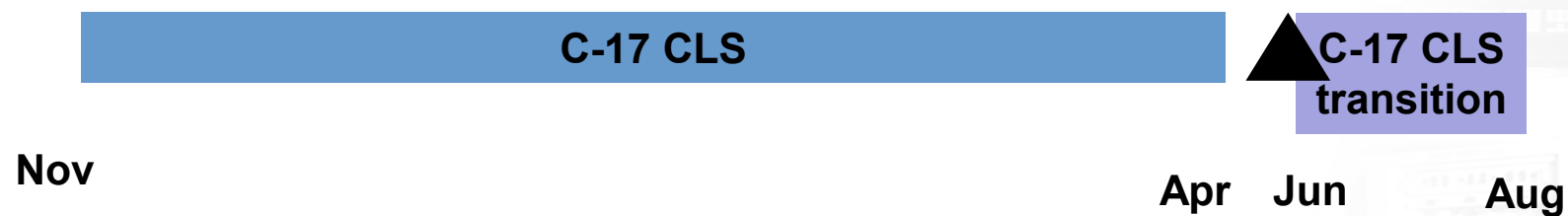


# Air Mobility Organization Chart



# UPCOMING COMPETITIVE ACQUISITIONS

|      |                |
|------|----------------|
| •KEY | •Full and Open |
|      | •TSA III       |
|      | •Undecided     |



# C-17 Training System

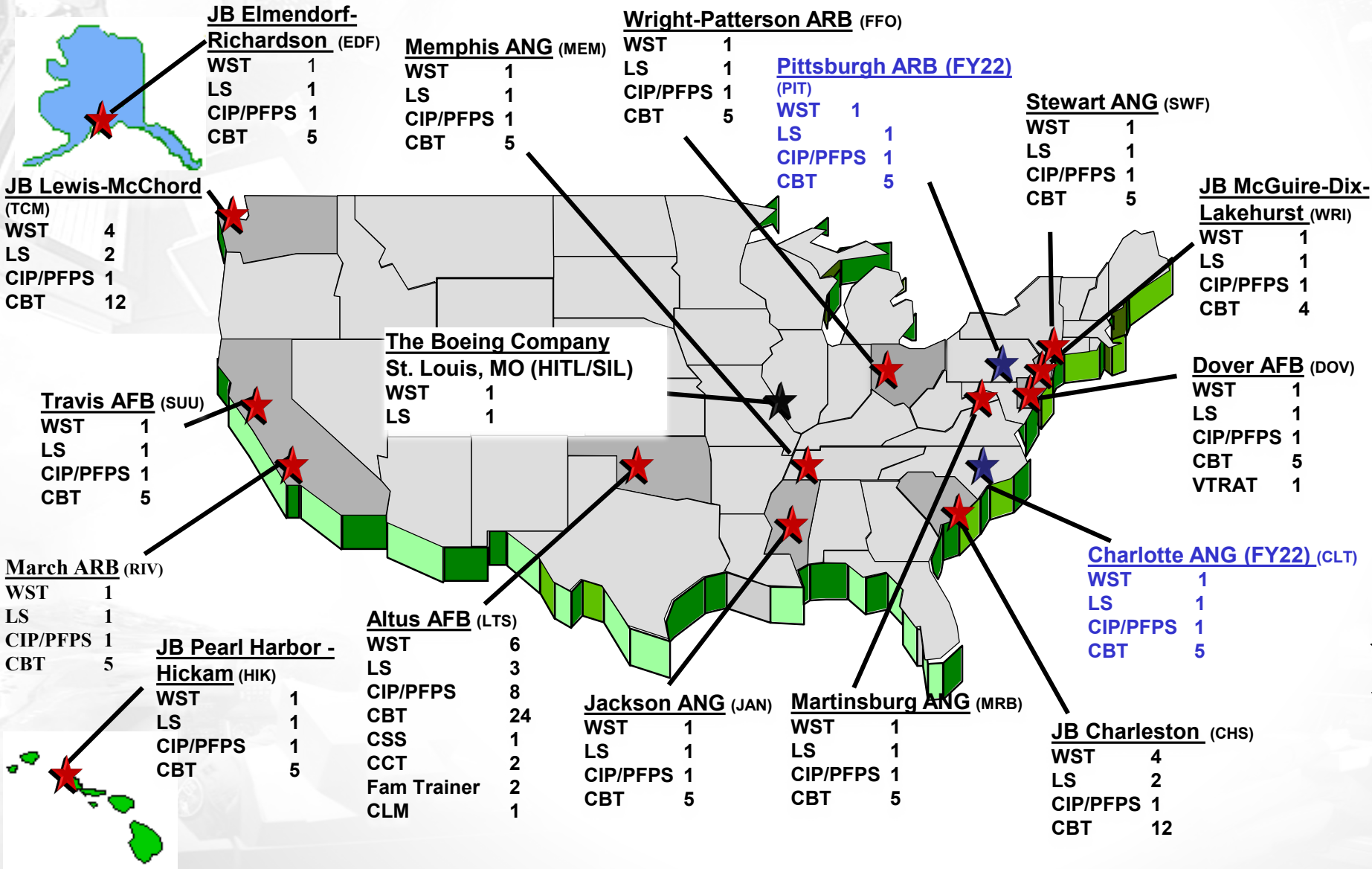
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# C-17 Air Training System - Training Sites

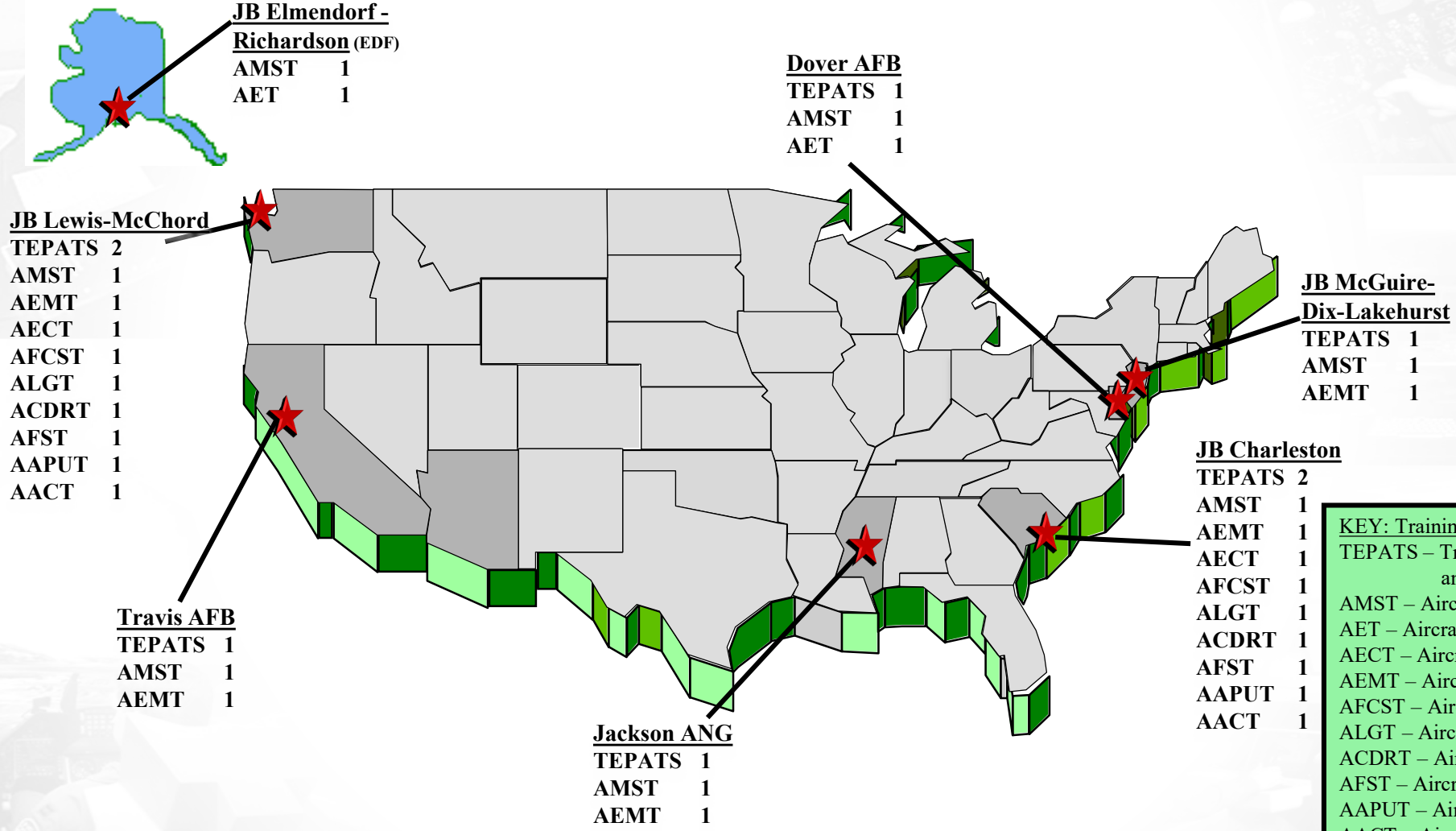


**KEY: Training Devices**

- WST-Weapon System Trainer
- LS-Loadmaster Station
- CIP-Core Integrated Processor Trainers
- PFPS-Portable Flight Planning System Trainers
- CBT-Computer-Based Trainers
- VTRAT-Visual Threat Recog. Avoidance Trainer
- CSS-Cockpit Systems Simulator
- CCT-Cargo Compartment Trainers
- CLM-Cargo Load Model

- ★ •Active
- ★ •In Production
- ★ •SIL

# C-17 Maintenance Training Systems - Training Sites



**KEY: Training Devices**

- TEPATS – Training, Evaluation, Performance and Test Set
- AMST – Aircraft Maintenance System Trainer
- AET – Aircraft Engine Trainer
- AECT – Aircraft Engine Cowling Trainer
- AEMT – Aircraft Engine Maintenance Trainer
- AFCST – Aircraft Flight Control System Trainer
- ALGT – Aircraft Landing Gear Trainer
- ACDRT – Aircraft Cargo Doors & Rails Trainer
- AFST – Aircraft Fuel System Trainer
- AAPUT – Aircraft Auxiliary Power Unit Trainer
- AACT – Aircraft Air Conditioning Trainer
- ARRT – Aircraft Refueling Receptacle Trainer



# C-17 Training System

- O&S requirements consist of CLS and aircrew instruction for pilots and loadmasters
  - Locations: Joint Base Elmendorf, AK, Memphis ANG, TN, Wright-Patterson AFB, OH, Pittsburgh ARB, PA, Stewart ANG, NY, JB McGuire-Dix, NJ, Dover AFB, DE, Charlotte ANG, NC, JB Charleston, SC, Martinsburg ANG, WV, Jackson ANG, MS, Altus AFB, OK, JB Hickam, HI, March ARB, CA, Travis AFB, CA, The Boeing CO, St Louis, MO (to move to CLS provider)
  - Includes Visual Threat Recognition and Avoidance Trainer (VTRAT) instruction
- Maintain high fidelity training systems to meet customer requirements/expectations while reducing risk throughout the aircraft weapon system life cycle
  - Result: High quality training capability/aircraft supportability cost savings realized
- Provide aircrew and maintenance engine run training for initial, continuation, and transition courses
  - Result: Minimize aircraft usage for training while increasing aircraft availability for missions



# C-17 Training Systems

- FAR part 15 Full and Open Competition
- Contract Type – FFP, CR
- Estimated Contract Award: 1 Apr 2024
- Period of Performance: 3-month transition with 1 base year and 9 one-year options
  - PoP Start: 1 Sep 24 – 31 Aug 34
- Transition Period: 1 Jun 24 – 31 Aug 24



# C-17 Training Systems

- Weapon System Trainer (WST)



- Loadmaster System (LS)



- Cargo Compartment Trainer (CCT)





# C-17 Training Systems

- Cockpit Systems Simulator (CCS)



- Core Integrated Processor Trainer (CIP)

# C-17 Training Systems O&S



•Aircraft Maintenance System Trainer (AMST)

- Training, Evaluation, Performance, and Test Set (TEPATs)



- Visual Threat Recognition and Avoidance Training Suite (VTRAT)







# Mobility Branch Overall Requirements

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| Program | H/W Buy | CLS | TSSC | Mods | Courseware Development | Instruction |
|---------|---------|-----|------|------|------------------------|-------------|
| C-17    |         | X   | X    | X    | X                      | X           |





# Points of Contact

*The Home of Concurrent, Affordable Training*

| Program     | PM                        | Contracts                 | End User               |
|-------------|---------------------------|---------------------------|------------------------|
| <b>C-17</b> | <b>Ms. Tzeitel Durian</b> | <b>Mr. Rabbanai Tebah</b> | <b>Mr. Scott Haak</b>  |
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# Questions?