

FT. CARSON PLAN OF DEVELOPMENT (POD) PROPOSAL



AGENDA

- ❖ What is HAMET?
- ❖ Why Train at Ft. Carson?
- ❖ Plan of Development Proposal
 - Purpose and Need
 - Types of Aircraft
 - Instillation Unit Training
 - Non-Instillation Unit Training
 - Mountain Training Areas (MTAs)
 - Flight Procedures
 - Operational Controls
 - Operational Considerations
- ❖ Contact Information



WHAT IS HAMET?



High
Altitude
Mountain
Environmental
Training



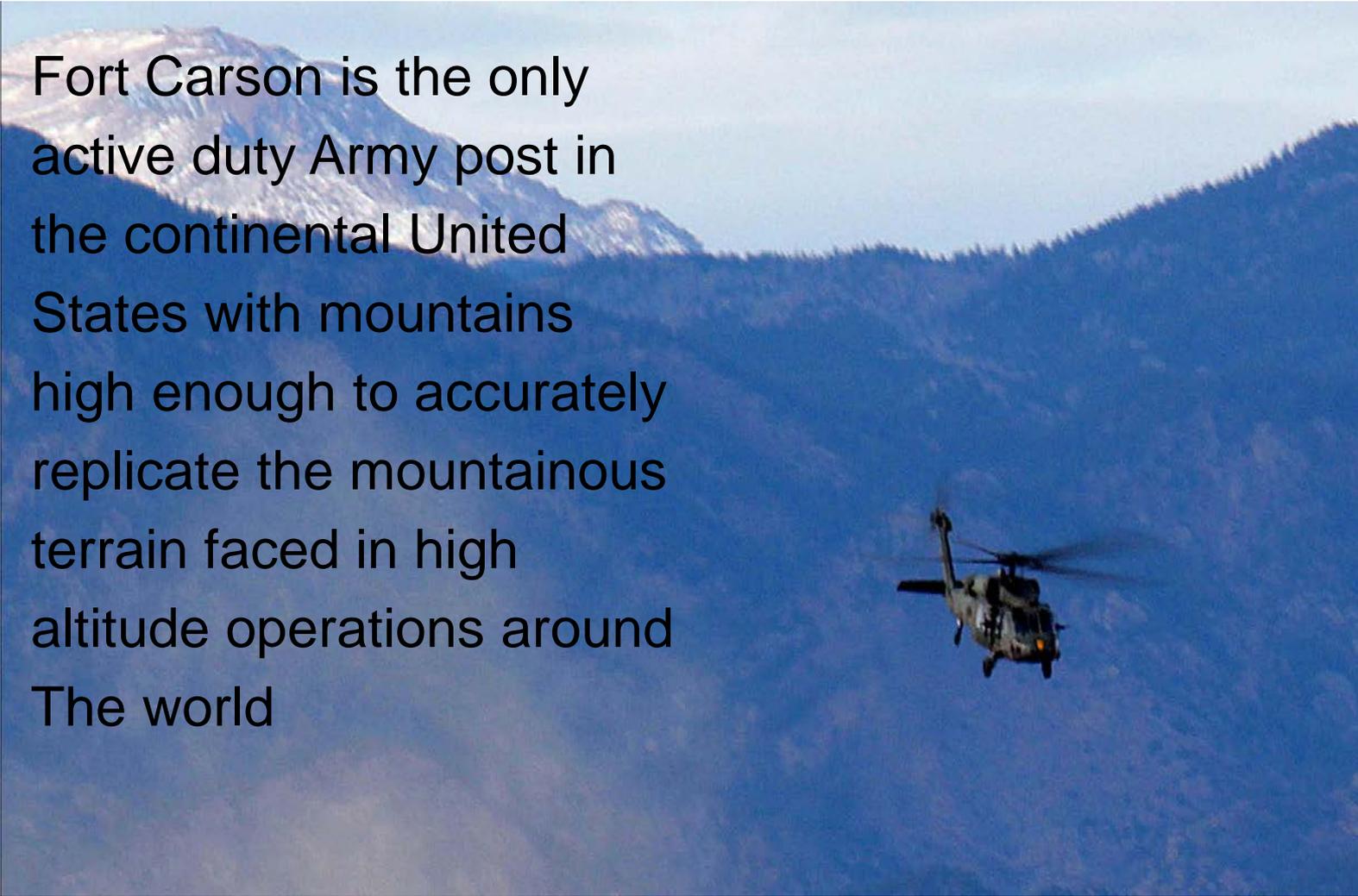
WHAT IS HAMET? (CONT')

- ❖ Train Military Aviation units the rigors of high altitude and mountainous terrain flying
- ❖ Helps prevent fatal accidents during domestic and global deployments



WHY TRAIN AT FORT CARSON?

Fort Carson is the only active duty Army post in the continental United States with mountains high enough to accurately replicate the mountainous terrain faced in high altitude operations around The world



PLAN OF DEVELOPMENT (POD)



PURPOSE AND NEED

❖ **Purpose:** Provide HAMET training to installation and non-installation Combat Aviation Brigades (CAB) and other Military Services

❖ **Need:** BLM to issue a Right-Of-Way (ROW) grant allowing Fort Carson access to certain public land in order to utilize approx 45 Helicopter Landing Zones (HLZs) for the HAMET program (~234.7 Acres)

- BLM is authorized by Title V of the Federal Land Policy Management Act of 1979, as amended, to issue such grants



TYPES OF AIRCRAFT

❖ Typical:

- ❖ **U.S. Army:** AH-64 Apache, HH/UH-60 Black Hawk, MH/CH-47 Chinook

❖ Occasional:

- ❖ **U.S. Army:** OH-58 Kiowa Warrior, UH-72 Lakota, AH/OH-6 Little Bird
- ❖ **USMC:** AH-1 Cobra, UH-1 Twin Huey, CH-53 Super Stallion, CH-46 Sea Knight
- ❖ **USAF:** UH-1 Twin Huey, HH-60 Pave Hawk
- ❖ **US Navy:** SH/MH/HH-60 Seahawk, MH-53 Sea Dragon



INSTALLATION UNIT TRAINING

- ❖ Combat Aviation Brigade (Apache, Chinook, Blackhawk), 1-25 Attack Reconnaissance Battalion (Apache), 7-158 (Blackhawk)
- ❖ Continuous training throughout the year
- ❖ Training density will vary
- ❖ Projected two landings per day
- ❖ Estimated time in HLZ: 30 Min



NON-INSTILLATION UNIT TRAINING

- ❖ The projected usage for non-instillation units conducting HAMET is two rotations annually

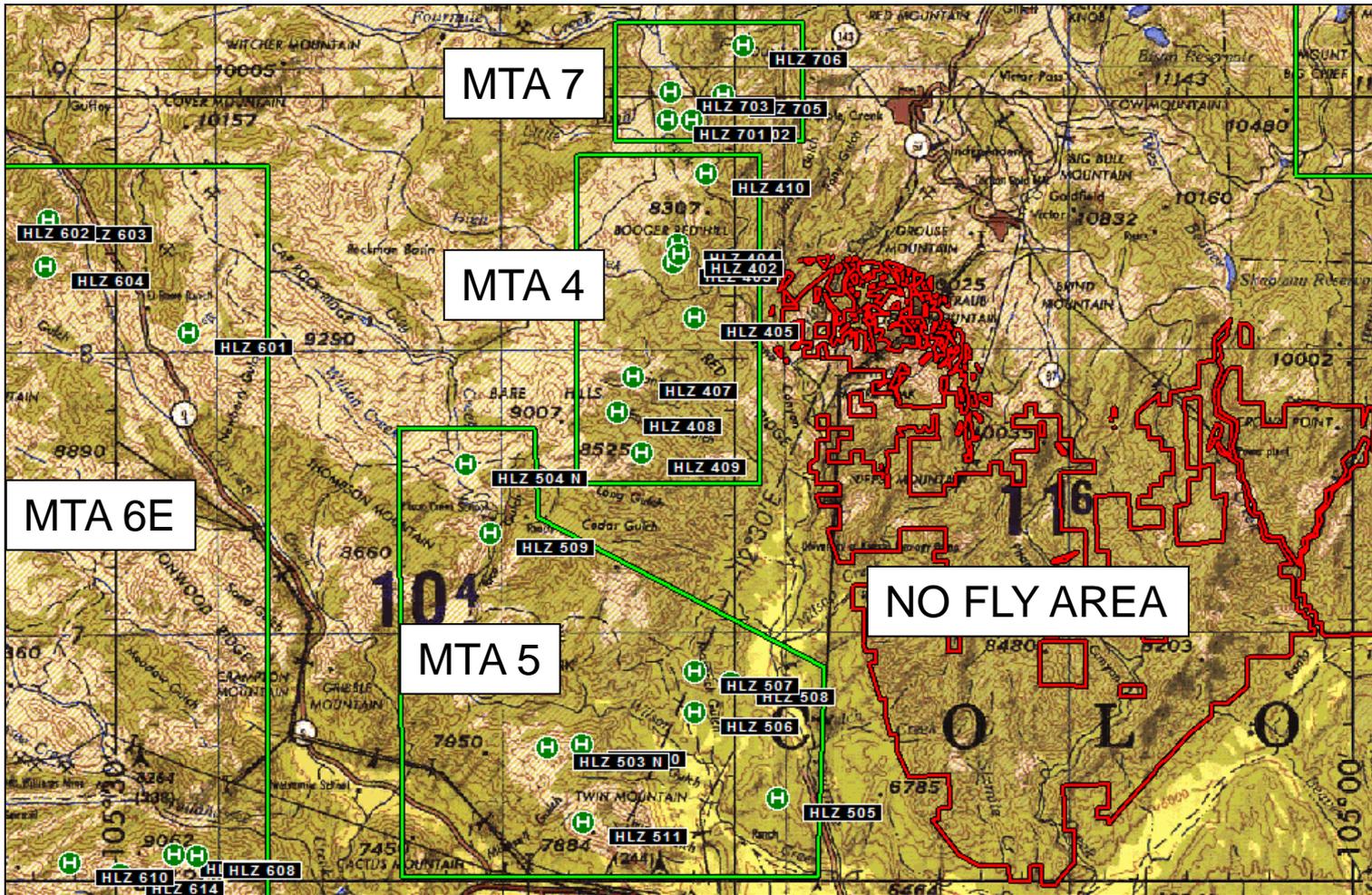
- ❖ Each rotation is projected to have 10 helicopters in each Mountain Training Areas (MTA 4, 5, 6E, 6W, and 7). Each HLZ will have:
 - Two flights a day/night

 - Four landings per flight (Eight landings per day)

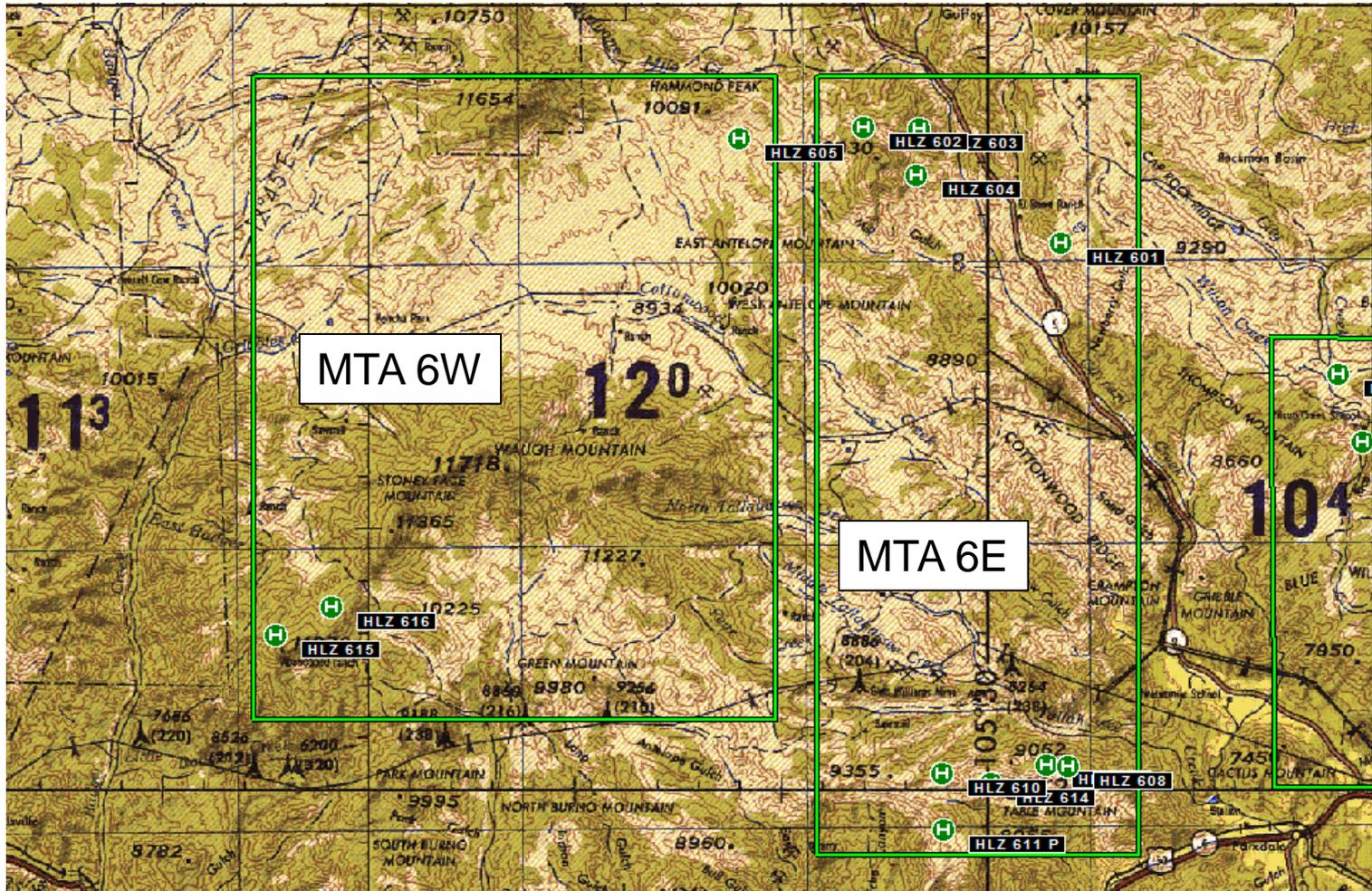
- ❖ Estimated time in HLZ: 30 Min



MOUNTAIN TRAINING AREAS (MTA)

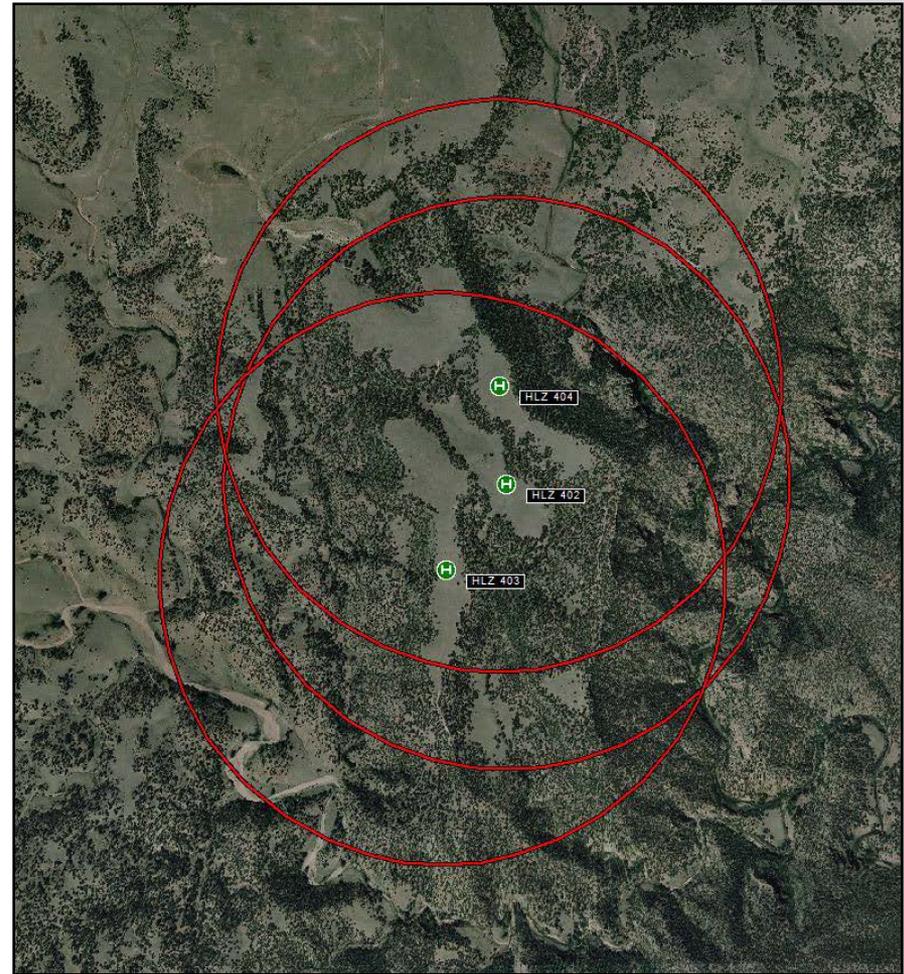


MOUNTAIN TRAINING AREAS (MTA)



FLIGHT TO AND WITHIN MTA

- ❖ Minimum Altitude to and between the MTAs: 500 Feet (Ft) Above Ground Level (AGL)
- ❖ Between HLZs within the MTA: 200 Ft. AGL
- ❖ Within 1000M of the HLZ (Red Circle): Terrain flight (200 Ft. AGL and Below)

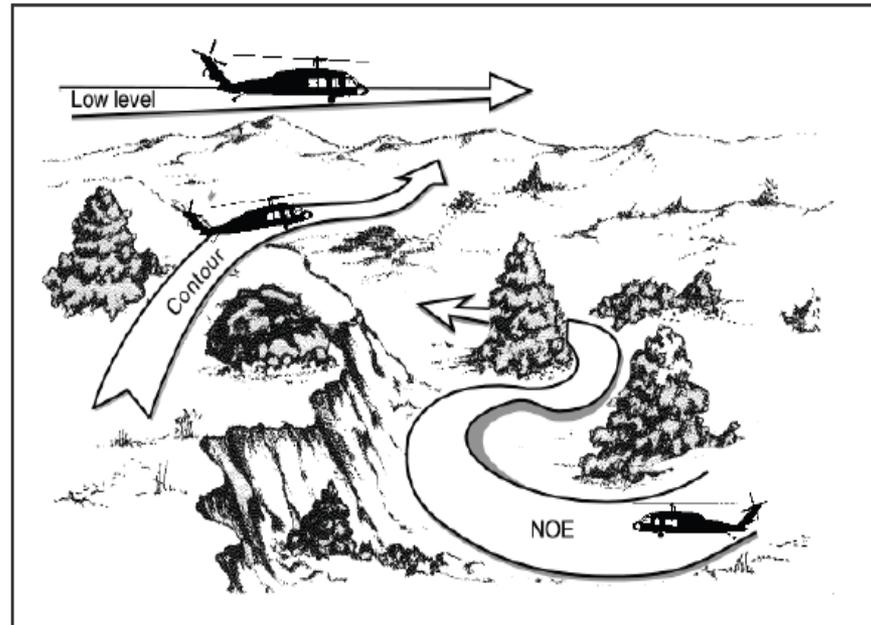


TERRAIN FLIGHT MODES

Low Level – Constant altitude and airspeed, generally from 80-200 Ft. above the highest obstacle (within the confines of the MTA)

Contour – Low altitudes conforming to the earth's contours. Constant altitude with varying airspeeds, generally between 25-80 Ft above the highest obstacle (within 1000m of the LZ)

Nap-of-the-Earth (NOE) – Varying airspeeds and altitudes as close to the earth's surface as vegetation and obstacles permit, generally surface to 25 Ft AGL (within 1000m of the LZ)



OPERATIONAL CONTROL

- ❖ No refueling of A/C on BLM land
- ❖ No hazardous materials will be used, transported, or stored
- ❖ No ground operations (other than landing)
- ❖ No armament of any sort will be used or transported
- ❖ No chaff, flares or pyrotechnics

Note: Pre- Accident plan is in place and includes notification to Pueblo Dispatch Center and BLM.



OPERATIONAL CONSIDERATIONS

- ❖ Avoid areas of concern: i.e. National Register of Historic Places, sensitive plant and wildlife habitat, high use recreation areas and other sensitive or protected resources
- ❖ Consideration of Fire Risk and Fire Fighting Operations: avoid areas of fire, smoke, evidence of fire or activities associated with fire. Comply with and restrict activity during Stage III fire restrictions.
- ❖ Avoid HLZs when humans or live stock are present



FLIGHT PROCEDURES

- ❖ Comply with Federal Aviation Administration, Army Regulations and Fort Carson Regulations
- ❖ Ft Carson Regulation: Off Reservation – 500 Ft AGL or lower to meet mission requirements
- ❖ [FAR 91.119 Minimum Safe Altitudes: General](#)



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