

EAATS NTC High Altitude CH-47 SFTS Tactical Scenario NTC1

1. SITUATION

Leadership Insurgent Targets have been reported in the mountains in the vicinity N36.14.58 W118.06.57. Ranger and LRS Detachment forces are in place and require supplies and additional personnel. The worst weather during the operation is forecast to be ceiling 6000 BKN and visibility 5 statute miles.

- a. Enemy Forces: Enemy forces occupy valley from coordinates N35.54.32 W117.51.91 to N 36.13.15 W117.58.05. Recon elements and infantry have been reported in vicinity of N35.56.70 W117.51.91 to N36.04.14 W117.55.42. T-72 tanks and BTR-70 vehicles have been reported in the vicinity N36.16.26 W117.57.43.
- b. **RADAR THREAT WEAPONS LOCATIONS**
Vicinity N36.14.00 W117.51.23 ZSU 23-4
- c. Friendly Forces: Are located in vicinity China Lake N35.41.43 W117.41.87

2. MISSION

Transport 10 personnel, 7000 lb internal cargo, and 1000 lb A22 bag to mountain LZ N36.14.58 W118.06.57

3. EXECUTION

- a. Commander's Intent: Air movement will avoid enemy contact. Insert team and supplies to mountain LZ and return to China Lake.
- b. Ground Tactical Plan: Insertion team will continue to engage enemy positions and apprehend or destroy enemy combatants.
- c. Concept of Operation: Ranger element has engaged heavily defended bunker/cave complex in vicinity N36.15.30 W118.07.00. This is a suspected insurgent leadership strong hold and is a target of opportunity. Ranger element will engage insurgents and capture any personnel and/or intelligence data.
- d. Tasks to maneuver Units: NA
- e. Tasks to Combat Support Units: 2 CH47D lift aircraft will stand at China Lake for a 1 hour launch window to recover insertion teams and prisoners.
- f. Coordinating Instructions:
Risk reduction and control measures: The air mission commander will include flight routes in air mission FRAGO to provide horizontal separation between CH-47 flight routes. The risk management process will be accomplished at individual unit level and appropriate controls implemented. Hazards assessed as high risk will be elevated to the Commander 1st Brigade for risk decision. If weather falls below 6000-3, the air portion of the operation will be postponed until weather improves and is forecast to remain at or above 6000-3 for the duration of the air operation

4. SERVICE AND SUPPORT

Class I – V at China Lake only.

5. COMMAND AND SIGNAL

- a. Command—Overall commander is Commander 1st Brigade ___th Infantry Division (Mechanized).
 - 1) Ground force commander is Commander 1st Bn 1028th IN.
 - 2) Air Mission Commander is commander C/4th 1028th AVN.
- b. Signal per 1st Brigade SOI.

Instructor Operator Set up Instructions

Training Objectives:

Dust:

Pick up external load in dust conditions. Aviator maintains orientation over load while looking through the chin bubble and side door.

Practice dust take off. Aviator maintains attitude and heading while applying appropriate power to climb out of dust.

Practice dust landings to surface without load. Maintain airspeed above ETL (use 30 KIAS) to 25 feet AGL and put the aircraft into landing attitude (10-15 degrees nose high). Lower thrust to detent after aircraft comes to stop on AFT landing gear. Move cyclic to neutral after everything is stable and stopped.

Inadvertent IMC:

The weather has a ragged broken\scattered layer that varies from 2000 to 12000 feet. Visibility is good from 4 to 5 miles. In close vicinity to clouds it is easy to go inadvertent IMC. It is especially important to be aware of your situation when climbing to the LZ at 11000 feet. If IIMC occurs during climb the aviator should turn to avoid the mountain.

Power Management:

PPC - Validation factor is based on arrival weight of 39,000 lbs, departing at 40,000. This will allow the aircraft to hover OGE using 10 minute power. If continuous power is desired, weight must be reduced.

Climb - The aviator should monitor continuous PTIT during climb and adjust to max rate of climb airspeed. The aircraft may have to be maneuvered away from mountain to obtain altitude to clear summit 12000 feet, LZ 11000 feet.

Load Mission:

Press Buttons:

Mission Select
Archive
NTC-CA
NTC High ALT
Load File
(It may take 5 min to load if
changing database)

Load GPS Coordinates:

Press Buttons:

NAV COMM
PFPS Waypoint Files
Current Database
NTC High Alt
Load File

NAV COMM
Waypoint Edit
Select Waypoint Set
PFPS
OK
Load GPS