

Leadplane Training Lesson Plan

Flight 4, Scenario 4a

13-04-N9065-HO

Objective:

Demonstrate clear and concise radio calls and communication procedures.

Demonstrate good decision making while determining leadplane profiles.

Demonstrate positive aircraft control while flying leadplane profiles.

Introduce join ups and flying with another aircraft.

Content:

Pre Flight Briefing (15 minutes)

- Flight 1 review

- Flight 2 briefing

- Review flight scenario

Preflight (15 minutes)

Flight (1.0 hours)

Taxi

- GPS set up

- FM radio set up

- Tanker base operations

Airport Departure

- Dispatch

In Route

- In route procedures

FTA

- FTA radio calls and procedures

- Mountain flying techniques

Winds

Turbulence

Terrain

Ridge crossings

High and low recon

Introduction to leadplane flight profiles

Visual effects over high or low terrain

Aircraft configuration

Pattern work – left hand

Airspeed control

Exit procedures

Target descriptions

Introduction of a second aircraft

Leading Profile

Chase Profile

Show Me Profile

Departing the FTA

Dispatch radio calls

Tanker base radio calls

Air Traffic Control

Post Flight

Dispatch

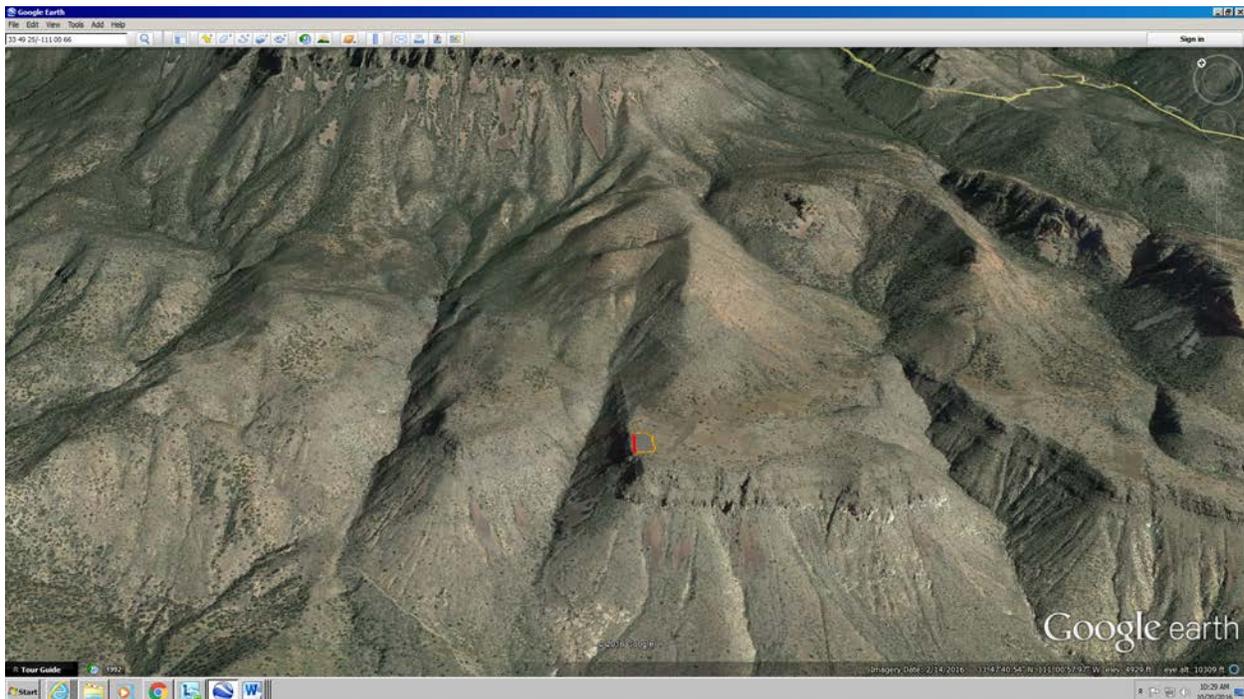
Fuel

Preparing the aircraft for the next dispatch

Post Flight Briefing (30 minutes)

Review flight 2

Armor Practice Area, Flight 4, Scenario 4a
N334731 / W1110106



Scenario photos are to aid in the communication between the evaluator and the student.

Small fire, middle third of the slope, low intensity, direct attack. The objective of the retardant drop will be to keep the fire from slopping over the cliff into the canyon to the west. A secondary objective will be to line the fires perimeter with retardant.

The goal of this scenario will be to fly a right hand pattern due to terrain. The pattern will allow a tanker to drop along the head. The lack of anchor points should be addressed and the inaccessible terrain for firefighters.

The position of this fire will cause the leadplane pattern to be adjusted for terrain. The steepness of the terrain will make it difficult to fly down slope/down canyon in a standard left hand pattern and maintain airspeed.

Completion Standards:

The lesson is complete when the student can demonstrate appropriate radio calls and communication procedures.

The lesson is complete when the student can demonstrate appropriate mountain flying and leadplane profiles.

Armor Practice Area, Scenarios 1 thru 4 Locations

