

Leadplane Training Lesson Plan

Flight 1, Scenario 1b

13-01-N9065-HO

Objective:

Introduce the student to radio calls and communication procedures (Phase 1).

Introduce student to mountain flying and leadplane profiles (Phase 2).

Content:

Pre Flight Briefing (15 minutes)

- Flight 1 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

Departing the FTA

Dispatch radio calls

Tanker base radio calls

Air Traffic Control

Post Flight

Dispatch

Fuel

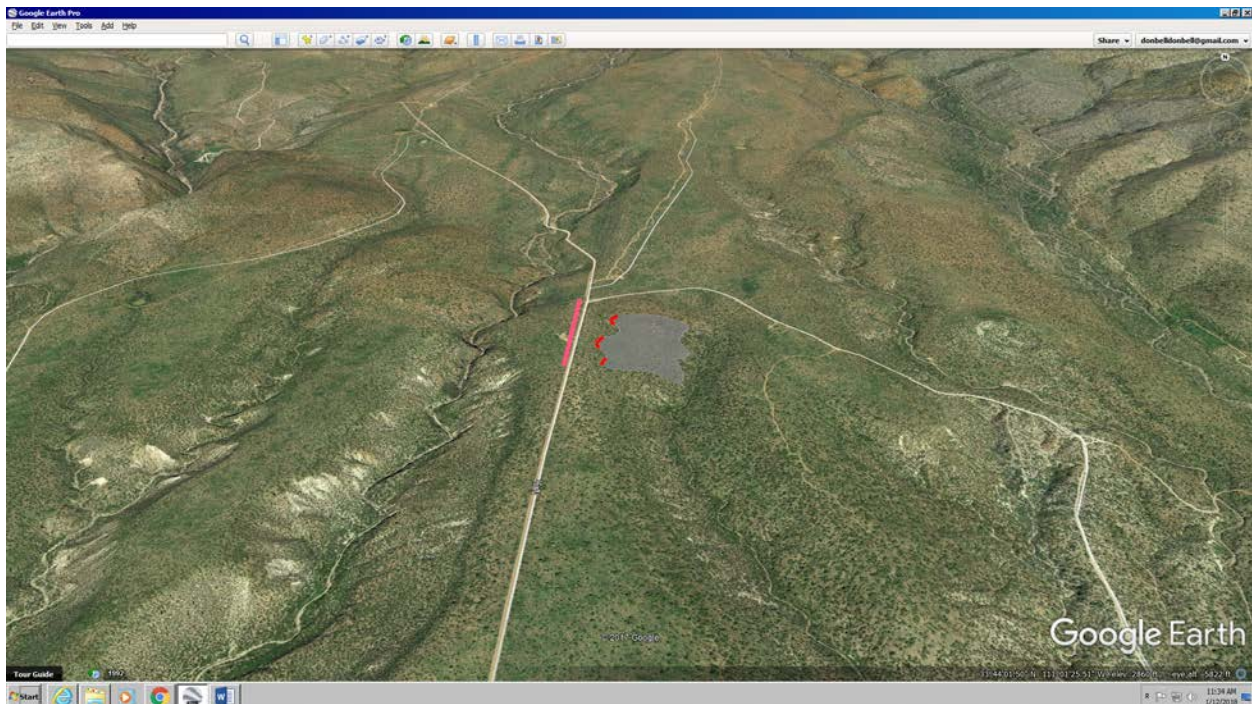
Preparing the aircraft for the next dispatch

Post Flight Briefing (30 minutes)

Review flight 1

Armor Practice Area, Flight 1, Scenario 1b

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Scenario photos are to aid in the communication between the evaluator and the student. Retardant objective, the red line, is shown in scenario 1 photo but not in subsequent scenario photos.

Mid-sized fire, flat to gently sloping terrain, low intensity, reinforce roads for fire line, keep the fire from crossing the road on the west side of the fire. The retardant objective will be to reinforce the green side of the dirt road starting at an intersection.

The goal of this scenario will be to fly a pattern along the dirt road across the head of a slow moving fire. The pattern should allow a tanker to drop from one shoulder to the other. The use of the roads should be addressed in controlling the spread of the fire and the benefit of dropping on the green side of the road. The accessibility for firefighters should be addressed and how it may affect the selection of coverage level.

The position of this fire should allow the pilot great flexibility in flying the pattern. This scenario will provide a good opportunity for the first lead patterns to be flown where terrain is not a factor.

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

