Leadplane Training Lesson Plan

Flight 3, Scenarios 1b and 3b
13-03-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.

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
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
Scenario photos are to aid in the communication between the evaluator and the student. The goal of this scenario will be to introduce right hand patterns. Right hand patterns can be introduced over terrain from Scenario 1a to minimize the terrains influence on patterns.
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Small fire, middle third of the slope, low intensity, direct attack. The goal of the retardant drop will be to minimize the fires spread.

The goal of this scenario will be to fly a pattern with wings parallel to the terrain. The pattern will allow a tanker to drop across the head, start stop, and then side step down the slope with subsequent drops. The use of the 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 and maintain airspeed. Flying cross slope will be difficult due to the proximity of the aircraft wingtip to the up slope side of the fire.

**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