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
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.