Leadplane Training Lesson Plan

Flight 2, Scenario 2a
13-02-N9065-HO

Objective:
Practice radio calls and communication procedures (Phase 1).
Practice mountain flying and leadplane profiles (Phase 2).

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.

Mid-sized fire, upper third of the slope, low intensity, direct attack, keep the fire from crossing the spur ridges. The retardant drop objective will be to minimize the fires spread.

The goal of this scenario is to fly a pattern along the spur ridges that defines the fires flanks. The pattern should allow a tanker to drop from the head down the flanks (V the head). The use of the ridges should be addressed in controlling the spread of the fire and the benefit of dropping on the green side of the ridge. The inaccessible terrain 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 introduced to the leadplane flight profile.
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