

# Profile #9 – Low-Level Route Survey (LLRS) Mission Profile

## Prerequisites

This profile may only be flown by qualified SAR/DR Mission Pilots.

For A12 missions, sortie duration should not exceed 1.5 hours.

## Required Items

Plan for and brief the crew on **one or more** of the visual search missions below. Special emphasis should be placed on mission risk assessments, the routes to and from the search area, aircraft limitations and operating procedures, and communications procedures.

- Route search
- Low-level route search (no lower than 1000'AGL)

Route and low-level route searches should be planned to have multiple turn points and specific times over each point. This enables aircrews to maintain a high level of navigation proficiency. The resources needed to plan a low-level route survey of a Military Training Route (MTR) are:

- Current FAA Sectional Aeronautical Chart
  - Current Department of Defense Flight Information Publication AP/1B (MTR only)
  - Telephone
  - Access to the internet
- Brief crew member mission responsibilities as appropriate
  - Review ground and in-flight emergency procedures, taxi, takeoff, and in-flight procedures with each crew member
  - Conduct and brief a pre-sortie route study including the following:
    - High terrain
    - Towers
    - Airspace (MOAs, TFRs, etc.)
    - Uncontrolled airfields
    - Bird migration routes <http://www.usahas.com/>
  - Practice visual searches, as planned and briefed

After the flight:

- Debrief the sortie with the crew
- Document completion in accordance with the provided instructions

## Routine Items

On return to the airfield, practice the following as time and conditions permit:

- Landings:  Normal (full flap),  Normal (no flap),  Short-Field,  Soft-Field
  - Simulated forced landing (IAW restrictions on pg. 3 under "Execution"),
  - Go-around
- Approaches:  ILS,  VOR,  GPS (if instrument qualified)