



Pilot Name _____ Cap ID _____
 Mission# _____ Sortie _____



**APPROVED MISSION PILOT PROFICIENCY FLIGHT
 PROFILE #9
 Low-Level Route Survey (LLRS) Mission Profile**

Approved 1 February 2016

This profile may only be flown by qualified SAR/DR Mission Pilots or properly supervised trainees. Supervisors must be qualified PICs in the aircraft flown since they are expected to be able to assume command of the flight as needs dictate. Pilots will document a summary of syllabus training activity accomplished on the sortie 104 in the results/deliverables section.

P / NP (**Performed** / **Not Performed**) ✓ Check one

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.
- High terrain.
- Towers.
- Airspace (MOAs, TFRs, etc).
- Uncontrolled airfields.
- Bird migration routes. <http://www.usahas.com/>
- File a flight plan IAW CAPR 60-1 requirements.

En route to the search area practice one or more of the following:

- Slow flight.
- Steep turns.
- Turns around a point.
- Practice simulated in-flight emergency procedures.
- Practice visual search as planned and briefed (no lower than 1000' AGL).

Practice approach and landing procedures by completing one or more of the following:

- Perform a normal landing, using full flaps, to a touch and go (if runway and conditions allow).

- If instrument qualified, practice one or more of the following approaches to a full stop:
 - ILS approach.
 - VOR approach.
 - NDB approach.
 - GPS approach.

- Perform a simulated forced landing to a low approach.
- Perform a normal landing or no-flap landing to a full stop.

- Close the flight plan as necessary.

- Debrief the sortie with the crew.

Notes: