



Pilot Name _____ Cap ID _____
 Mission# _____ Sortie _____



**APPROVED MISSION IMAGING PROFICIENCY FLIGHT
 PROFILE #3
 Electronic Search Mission Profile**

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 below electronic search missions:

Special emphasis should be placed on mission risk assessments, direction finding equipment familiarizations, aircraft limitations and operating procedures, and communications procedures.

- Electronic Search Utilizing the Wing-Null Method.
- Electronic search utilizing the L-Tronics Airborne Direction Finding Unit.
- Electronic search utilizing the Becker/Rhotheta Airborne Direction Finding Unit.
- File a flight plan IAW CAPR 60-1 requirements.

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

- Slow flight.
- Stalls.
- Steep turns.
- Turns around a point.
- Practice simulated in-flight emergency procedures.

Practice electronic search sortie as planned and briefed:

- Track the beacon to its source.
- Lead a ground or urban direction finding team to the source.
- Provide detailed location information to ground personnel of the source location.
- Provide a short verbal description of the target.
- Provide accurate latitude and longitude coordinates of the target.
- Review landing procedures with crew members.

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).
- Perform a short field landing to a full stop, with a simulated obstacle using the procedures recommended in the Aircraft Flight Manual (AFM)/Pilot Operating Handbook (POH) and the FAA Practical Test Standards (PTS).
- Perform a soft field landing to a full stop using the procedures recommended in the AFM/POH.

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 or full stop (as appropriate).
- Perform a normal landing or no-flap landing to a full stop.

- If the target is located at an airfield and ground search equipment is available, locate the beacon on the airfield.

After the flight:

- Close the flight plan as necessary.
- Debrief the sortie with the crew.

Notes: