



Pilot Name _____ Cap ID _____
 Mission# _____ Sortie: _____



**APPROVED MISSION PILOT PROFICIENCY FLIGHT
 PROFILE #4**

Transportation Mission Profile

Approved 1 February 2016

The transportation mission profile may be flown by CAP qualified FAA commercial rated pilots, SAR/DR Mission Pilots, and Transport Mission Pilots. Pilots will document a summary of syllabus training activity accomplished on the sortie 104 in the results/deliverables section.

This flight will consist of a cross-country flight with a minimum of three navigation legs that culminate in landings at three airports. Sortie duration should not exceed 2.5 hours.

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

Plan the transportation mission as follows:

- Obtain all passenger and cargo weight and description. For a flight with simulated passengers or cargo use one passenger weighing 180 lbs. and 150 lbs. of cargo. Passengers must be qualified CAP aircrew members.
- Determine the load distribution and placement in the airplane.
- Compute a weight and balance for the specific load.
- Using the Aircraft Flight Manual, compute takeoff & landing performance for the specific load.
- Check departure & destination runway lengths, services, ATC frequencies, & procedures.
- Obtain a standard WX briefing, NOTAMS, and active TFRs from your local FSS.
- Determine fuel requirements, alternates needed, and any known ATC delays.
- Check the currency and appropriateness of all flight information publications.
- File a flight plan IAW CAPR 60-1 requirements.

Briefings:

- Brief crewmembers, prior to the pre-flight inspection, using the attached crew briefing checklist. Assign duties at this time. Review ground and in-flight emergency procedures, taxi, takeoff, and in-flight procedures with each crew member.
- Brief passengers on emergency and egress procedures prior to the pre-flight inspection.
- Perform a normal takeoff.
- Perform an after takeoff, level off, and cruise checklist as appropriate. If available, have the pilot not flying assist. Lean the aircraft engine in accordance with the aircraft flight manual.
- During cruise flight compute true airspeed, ground speed, estimated time of arrival, fuel burn, and estimate landing fuel load.
- Practice or discuss simulated in-flight emergency procedures as conditions & airspace allow.
- Approaching destination, communicate with ATC, and run descent & before landing checklists.
- Review landing procedures with crew members.

- Perform a VFR or IFR approach procedure as appropriate.
- Perform a minimum of 3 landings at each destination as follows:
 - 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 current FAA Airplane Flying Handbook.
- Perform a soft field landing to a full stop using the procedures recommended in the Aircraft Flight Manual (AFM)/Pilot Operating Handbook (POH) and the current FAA Airplane Flying Handbook.
- 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 & 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.
- Perform a simulated forced landing to a low approach or full stop (as appropriate).

After the flight:

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

Notes: