

Profile #10 – High-Performance/Complex Aircraft Mission Profile

Prerequisites

This profile may only be flown by CAP-qualified SAR, DR, Transportation, Instructor, Orientation or Check Pilots. The intent is to support takeoff and landing proficiency in high performance or complex aircraft. When possible, a mission observer and scanner should be included. This profile will only be flown in high performance, complex or unique aircraft (such as, but not limited to, the following aircraft: C182, C206, GA-8, Retractable Gear, Float Plane, Ski Equipped Aircraft). No instructor is required for this proficiency profile. This proficiency profile will be accomplished locally or within 50 NM of the aircraft's departure airfield.

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

Required Items

- Brief crew member mission responsibilities as appropriate
- Review ground and in-flight emergency procedures, taxi, takeoff, and in-flight procedures with each crew member.
- Review POH checklists and amplified procedures for takeoffs and landings to include short field, soft field, and crosswind control procedures.

Perform as many as conditions/time allow.

- Normal takeoff and partial flap landing to analyze crosswinds
- Normal landing using full flaps
- Short field takeoff and landing to a full stop
- Soft field takeoff and landing to a full stop
- No-flap landing to a full stop
- Go-around

After the flight:

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

Routine Items

None