CAP STANDARD 71-5
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Corporate-approved Proficiency Flight Profiles

NATIONAL HEADQUARTERS CIVIL AIR PATROL
Maxwell Air Force Base, Alabama

OPR: CAP/DO

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Table of Contents

Introduction 3
Profile A – Airplane Proficiency Profile 5
Profile B – Glider Aero-Tow Profile 7
Profile C – Glider Ground-Launch Profile 8
Profile E – Cross-Country Proficiency Profile 9
Change Record 10

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Introduction

Intent

This pamphlet provides guidance regarding the conduct of corporate-approved proficiency flying as outlined in CAPR 70-1. The profiles presented here are to be used only by CAP-qualified pilots who meet the criteria stated under the Prerequisites section of each profile.

Funding

Proficiency flights conducted using the profiles described here will be flown under the C12 mission symbol and will be funded using non-appropriate funds (corporate, grant or member).

Guidance

Although FAR 61.57 restricts the carrying of passengers when recent flying experience requirements have not been met, it also permits pilots to fly solo flights to meet those requirements. Under the FAR, the limiting factors for "healing yourself" are the expiration of your Flight Review or, in the case of IFR flight, six months after your six-month IFR currency requirements have expired. This rule gives aircraft owners great latitude in how they use their property to restore their recent flying experience; however, at its extremes, it results in greater risk than CAP wants to assume. By requiring all CAP pilots to demonstrate their proficiency during an annual Pilot Flight Evaluation, CAP places a more restrictive limit on recent flight experience for both VFR and IFR flight.

Notwithstanding the annual flight evaluation, CAP still depends on individual pilots to reflect upon their skills and experience to arrive at a sound assessment of their proficiency. Pilots who have exceeded their recent flying experience requirements or who believe their proficiency has eroded in key areas, should consider flying these profiles with a CAP Instructor Pilot who is current and qualified in accordance with 14 CFR and CAPR 70-1. In no case should a pilot who has exceeded recency requirements pair up with another pilot who is also outside those requirements.

Standards

The standard for the accomplishment of the basic aircraft flying tasks listed in this document is the current Aircraft Flight Manual (AFM)/Pilot Operating Handbook (POH) or the Airman Certification Standards (ACS)/Practical Test Standards (PTS) for the certificate being exercised, as applicable.

Documentation

The selected profile letter will be annotated in the eFlight Release/"Mission/Sortie #" box or the CAPF 70-3 under Profile # (ex: A, B, etc.). Pilots will document accomplishment of required profile items on the CAPF 104 in the results/deliverables section. Alternatively, the pilot may check-off completed items on a PDF or scanned copy of the actual profile sheet, then upload the file to the WMIRS Sortie Files folder. In this case, indicate "Profile Uploaded" on the CAPF 104 results/deliverables section. Justification for the omission of any required items shall always be provided directly on the CAPF 104 (e.g., precluded by weather, system malfunction, etc.). Refer to Figures on the following page. Keep in mind that not every listed item is required. In most cases, the pilot is permitted to select from *one or more* of the items.

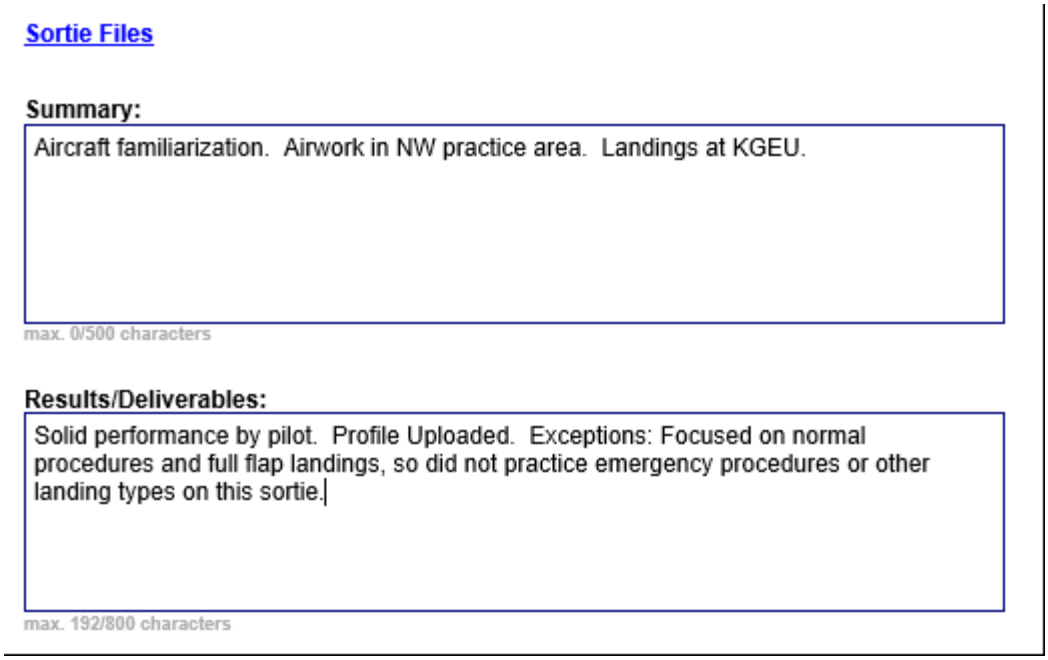


Figure 1 - Example 104 Entry



Figure 2 - Example Upload of Profile Document in PDF Format

Profile A – Airplane Proficiency Profile

Prerequisites

This profile may be flown to support proficiency of any CAP VFR qualified pilot, to include those preparing for CAPF5 renewal, instrument proficiency/IPC, or to meet recent flying experience requirements.

This proficiency profile includes ground training and three blocks of in-flight training.

Required Items

Ground Training (IPC only):

☐ One hour of ground instruction by a CFI (topics are at discretion of CFI)

Flight Training (required for all sorties):

☐ Plan for and brief ***one or more*** *o*f the training blocks list on the following page
☐ Brief crew member mission responsibilities, as appropriate
☐ Review ground & in-flight emergency procedures, taxi, takeoff, and in-flight procedures, as applicable to the selected training block, with each crew member

Execute the selected training block(s), as planned and briefed

☐ Training Block 1: Basic Air Work
☐ Training Block 2: Takeoffs and Landings
☐ Training Block 3: Instrument Procedures

After the flight:

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

Training Content Requirements for Profile A

This sheet does not need to be scanned and uploaded to document mission completion. The previous page will suffice when uploading documentation.

Training Block 1
Basic Air Work

- ☑ Slow flight
- ☐ Stalls
- ☐ Steep turns
- ☐ Turns around a point
- ☐ Basic instrument maneuvers
- ☐ Practice simulated in-flight emergency procedures

Training Block 2
Takeoffs and Landings

- ☐ Perform a normal takeoff to partial and full flap landings
- ☐ Perform a short field takeoff to a short field landing (full stop)
- ☐ Perform a soft field takeoff to a soft field landing (full stop)
- ☐ Practice proper crosswind takeoff and landing techniques
- ☐ Perform a simulated forced landing to a low approach or full stop
- ☐ Perform no-flap landing to a full stop
- ☐ Execute at least one go-around

Training Block 3
Instrument Procedures

At a minimum, there must be a safety pilot onboard for this block. If an Instrument Proficiency Check (IPC) is to be accomplished in conjunction with these profile requirements, a CFII qualified in the aircraft flown is required.

- ☐ Flight by reference to Instruments
- ☐ Navigation
- ☐ Fly as many of the following approaches as time allows:
  - o ILS approach
  - o VOR approach
  - o GPS approach

<u>Notes for Training Block 3</u>:

1.) A minimum of one precision and one non-precision approach will be accomplished during the training flight. If autopilot equipped, at least one approach with and one without the autopilot engaged will be accomplished.
2.) A minimum of one published missed approach will be accomplished.
3.) A minimum of one Hold will be accomplished, if available.
4.) Must meet all published FAA requirements when seeking IPC credit.

Profile B – Glider Aero-Tow Profile

Prerequisites

This profile may be flown to support proficiency of any CAP Glider Pilot. A CAP Instructor Pilot is only required for this proficiency profile when inducing slack rope or simulating emergencies such as a rope break.

Required Items

Ground Training (prior to first flight of the year)

- ☐ Online SSF/CAP Wing Runner Course (http://www.soaringsafety.org/learning/wingrunner/wingrunner.html)

Flight Training

Perform the following:

- ☐ Glider preflight
- ☐ Tow rope or cable inspection
- ☐ Release check

☐ Conduct a Safety Briefing: Include a review of launch, retrieval, emergency and airfield procedures, for all ground and flight crew members.

Perform as many as conditions/time allow.

- ☐ Normal takeoff
- ☐ Crosswind takeoff
- ☐ Unassisted takeoff
- ☐ Box Tow
- ☐ Descent on tow
- ☐ Non-emergency airborne signals (turn, speed up, decrease speed)
- ☐ Normal release
- ☐ Simulate instrument failure (altimeter and/or airspeed)
- ☐ Soft release (Schweizer gliders only)
- ☐ Slow flight
- ☐ Straight ahead & turning stalls
- ☐ Steep turns
- ☐ Soaring (thermal, wave, ridge or sea breeze)
- ☐ No divebrake landing
- ☐ Normal landing
- ☐ Downwind landing
- ☐ Precision landing

After the flight:

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

Profile C – Glider Ground-Launch Profile

Prerequisites

This profile may be flown to support proficiency of any CAP Glider Pilot. A CAP Instructor Pilot is only required for this proficiency profile when inducing slack rope or simulating emergencies such as a rope break.

Required Items

Ground Training (prior to first flight of the year)

- ☐ Online SSF/CAP Wing Runner Course (http://www.soaringsafety.org/learning/wingrunner/wingrunner.html)

Flight Training
Perform the following:

- ☐ Glider preflight
- ☐ Tow rope or cable inspection
- ☐ Release check

☐ Conduct a Safety Briefing: Include a review of launch, retrieval, emergency and airfield procedures, for all ground and flight crew members.

Perform as many as conditions/time allow.

- ☐ Normal takeoff.
- ☐ Crosswind takeoff
- ☐ Normal release
- ☐ Non-emergency airborne signals (speed up, decrease speed)
- ☐ Simulate cable break
- ☐ Slow flight
- ☐ Straight ahead & turning stalls
- ☐ Steep turns
- ☐ Soaring (thermal, wave, ridge or sea breeze)
- ☐ No divebrake landing
- ☐ Normal landing
- ☐ Downwind landing
- ☐ Precision landing

After the flight:

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

Profile E – Cross-Country Proficiency Profile

Prerequisites

This profile may be flown by any CAP VFR qualified pilot. The intent is to support maintenance in cross-country proficiency, to gain familiarity with local fields, and to build time needed to meet prerequisites for additional qualifications.

Required Items

This flight should consist of a multiple navigation legs of the requisite length to include approach to landing at two different airfields.

Plan the mission as follows:

- ☐ Compute a weight and balance for the aircraft.
- ☐ 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.
- ☐ Compute W&B, takeoff, and landing performance and compare to field data.

Address the following during your briefings:

- ☐ Review ground and in-flight emergency procedures, taxi, takeoff, and in-flight procedures with any crew members.
- ☐ Brief passengers on emergency and egress procedures prior to the pre-flight inspection.

Execute the mission, as planned and briefed, to include:

- ☐ Conduct a departure briefing and execute the departure.
- ☐ Perform an after takeoff, level off, and cruise checklist as appropriate.
- ☐ Compute ETE, ETA and fuel remaining.
- ☐ Practice or discuss simulated in-flight emergency procedures as able.
- ☐ Conduct an arrival briefing and execute the arrival and landings

Perform at least one approach (visual or instrument) at each field.

After the flight:

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

Change Record

Issue Date	Change Summary
8 Jun 20	Added profile E
25 Aug 20	Corrected Change Record
1 OCT 20	Removed content addressing training of unqualified pilots from profiles B and C. Removed profile D which can always be flown as an A/B mission.