



AIR CAPITAL AVIATORS CLUB (ACAC)

Aircraft Familiarization and Authorization

Effective: 02/24/2020

MEMBER NAME: _____

AUTHORIZING INSTRUCTOR: _____

AIRCRAFT TYPE: Cessna 172N Skyhawk Cessna R182 RG Skylane

Cessna 172M Skyhawk (180 HP) Cessna 182K Skylane

Is this an add-on to a previous club authorization (i.e. adding additional aircraft make/model, adding night or IFR)? Yes ___ No ___ **If so, list previous authorizations:** _____

PILOT HISTORY

Airman Certificate(s) held: Student Private Sport Recreational

Commercial Airline Transport Pilot Other

Rating(s) held: Airplane Single-Engine Land Instrument-Airplane

Instructor Rating(s) held: Flight Instructor Ground Instructor

Airplane Single-Engine Instrument-Airplane

Endorsement(s) held: Complex High Performance

TT: _____ **TT Airplane Single-Engine Land:** _____ **TT Make/Model:** _____

Date of most recent FAR 61.56 Flight Review: _____

Date of most recent FAR 61.57 Instrument Proficiency Check: _____

Date of most recent Medical Certificate: _____ **Class:** I II III BasicMed (circle one)

I have reviewed the certificates, logbooks, and/or records of the applicant and find the above information to be correct and accurate to the best of my knowledge: _____ (instructor to initial)

1. PILOT OPERATING HANDBOOK (POH)

- Ground handling
- Total fuel capacity
- Unusable fuel
- Oil capacity, minimum needed, recommended levels
- Oil brand and weight
- Tire and nose strut inflation
- Knots Indicated Airspeed (KIAS) assuming max gross weight and normal operations
 - Takeoff rotation and climb
 - Approach and landing
 - VX, VY, VA, VFE, VLE, VNE, VBG
- Aircraft limitations
- Performance

2. WEIGHT AND BALANCE

- Aircraft weight & balance documents
- Flight Manual Supplement for C172N
- Maximum Ramp Weight
- Maximum Takeoff Weight
- Empty Weight
- Useful Load
- Payload

3. AIRCRAFT SCHEDULING, CHECKOUT, AND BEFORE FLIGHT PROCEDURES

- ACAC website
<http://aircapitalaviators.club/>
- Membership Application
- Rates and Dues
- Rules and policies
- Links to resource documents
- Flight Schedule PRO
- Reviewing and entering squawks
- Keys
- Flight log entries
- Airport, airspace, and area familiarity

4. FLIGHT – DAY VFR

- Preflight
- Start and taxi
- Avionics
- Steep turns
- Slow flight
- Stalls
- Simulated instrument and unusual attitudes
- Class C airspace arrival/departure
- Pattern, takeoffs and landings
- Parking, securing and post-flight AND
 - For 747BF
 - Autopilot
 - Throttle and propeller controls
 - Cowl flaps
 - Manual gear extension
 - For 3123Q
 - Autopilot
 - Throttle and propeller controls
 - Cowl flaps
 - Engine data management system
 - For 747BF, 3123Q and 13946
 - G5 Electronic Flight Instruments

5. FLIGHT – NIGHT VFR

- Sections 1, 2, 3, 4 completed; AND
- Night pattern, takeoffs and landings
- Landing with simulated electrical failure:
 - Landing and taxi lights out
 - No flaps
 - No instrument panel lights

6. FLIGHT – IFR

- Sections 1, 2, 3, 4, 5 completed; AND
- Non-precision approach
- Precision approach
- GPS approach
- Missed approach
- Partial panel

Club Instructors – Check all boxes (✓) applicable in Sections 1 – 6 of this checklist as they are completed and appropriate to the checkout. If this is an add-on to a previous authorization, then completion of Sections 1 – 6 are at instructor’s discretion and relevant to the specific make and model, Night, or IFR authorizations added

AUTHORIZATION

Applicant is authorized to act as pilot-in-command of the following ACAC aircraft models, and in the conditions indicated below (√):

	Cessna 172 Skyhawk	Cessna R182 RG Skylane	Cessna 182K Skylane
VFR - DAY			
VFR - NIGHT			
IFR			

Instructor comments: _____

Does this checkout also satisfy either of the following requirements? If so, don't forget to make the appropriate pilot logbook endorsements.

- FAR 61.56 Flight Review
- FAR 61.57 Instrument Proficiency Check
- FAR 61.31 Complex Airplane Endorse
- FAR 61.31 High Performance Airplane Endorse

Applicant Name (print)

Applicant Signature

Date: _____

Instructor Signature

Date: _____

Safety Officer Signature

Date: _____

ATTACHED DOCUMENTATION *(The following documentation copies must be attached and sent to the ACAC Safety Officer with this completed Aircraft Familiarization and Authorization Checklist).*

- Airman Certificate
- Medical Certificate
- Flight Review *(copy logbook endorsement)*