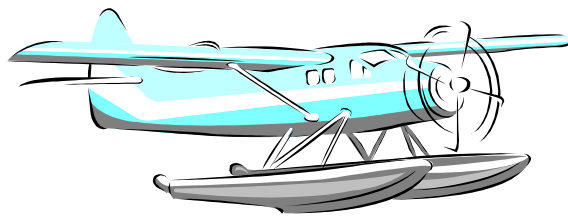


SOP APPENDIX 1

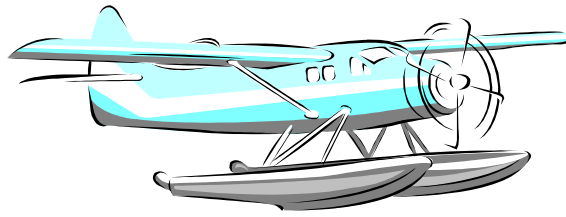


Elmendorf Aero Club

Single Engine Sea

Float Program

SOP APPENDIX 1



Elmendorf Aero Club

Single Engine Sea Float Program

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INITIAL SEAPLANE CHECKOUT

The Initial Checkout Requirements to rent Airplane Single-engine Seaplane (SES) from EDF Aero Club (SES Pilot Series 1 (SESPS1) are:

Prerequisites:

1. Airplane Single-engine Land (SEL) & SES rating (Private, Commercial or ATP).
2. EDF Aero Club SEL Annual Check complete & current.
3. EDF Aero Club Mountain Check complete & current.
4. Seaplane Written Test complete.
5. Thorough ground briefing on SES program and Checkout requirements.

Checkout will consist of:

1. Aero Club Operations:
 - Pre-flight paperwork (*Weight and Balance, flight plan*)
 - Key and aircraft book control
 - Post-flight paperwork (*Dispatch and Check-in*)
2. Six Mile Lake operations:
 - Fueling
 - Flight plan filing procedures (*may be accomplished at the Aero Club, six mile phone or in flight*)
3. Lake Hood operations: (*Briefing required; operations optional*)
 - Arrivals
 - Waterways
 - Landing
 - Transient parking (Airman's Point, fuel dock (*not required to dock but is recommended*))
 - No wake areas
 - Holding for takeoff
 - Takeoff
 - Departures
4. A minimum of ten (10) landings will be accomplished during the checkout.
5. Training Area Lakes (*landings required on at least one lake in each group*):
 - Figure 8 Lake or Keyhole Lake or No Name lake
 - 7 Mile Lake or Twin Island Lake
6. The following maneuvers will be performed during the check:
 - Normal T/O and Landing
 - Glassy Water T/O and Landing (*simulated if no glassy water*)
 - Rough Water T/O and Landing (*simulated if no rough water*)
 - Crosswind T/O and Landing (*EDF Aero Club limit is 5 knot component*)
 - Confined Area T/O and Landing (*use 7 Mile Lake or Twin Island Lake for this practice*)
 - Simulated Power-off Landing (*simulated engine failure*)
 - Step taxi & Step turns

- Docking and beaching procedures

NOTES FOR THE 185

- 1. Per AFI 34-117, Atch 4, Para A4.3.2., the checkout requirement for the 185 is 5 hours.**
- 2. The 185 on floats is considered a high performance/complex aircraft by the FAA. If the student does not have previous endorsements for High Performance and Complex Aircraft, they will need these endorsements after completing the 5 hour checkout. *(Military fixed-wing pilots are exempt from these endorsements, but still require the 5 hour checkout.)***

ANNUAL SEAPLANE CHECKOUT

Annual requirements for those pilots previously qualified

NOTE: Previous qualification under the previous year's EDF seaplane program does NOT count as qualification for the current year's program.

1. Seaplane Written Test complete along with the C-172 Closed Book test.
2. A minimum of five (5) landings will be accomplished during the check.
3. The following maneuvers will be performed during the check:
 - Normal T/O and Landing
 - Glassy Water T/O and Landing (*simulated if no glassy water*)
 - Rough Water T/O and Landing (*simulated if no rough water*)
 - Crosswind T/O and Landing (*EDF Aero Club limit is 5 Knot component*)
 - Confined Area T/O and Landing (*use 7 Mile Lake or Twin Island Lake for this practice*)
 - Simulated Power-off Landing (*simulated engine failure*)
 - Simulated High Density Altitude T/O (*Optional*)
 - Step taxi & Step turns
 - Docking and beaching procedures

Re-currency requirements for those pilots who have lost their EDF landing currency due to not having three (3) landing within the previous 60 days for those with 200 Hours SES or less; or 90 days for those with over 200 hours SES:

1. Flight will be with an EDF Aero Club SES instructor
2. A minimum of five (5) landings will be performed
3. The following maneuvers will be performed during the re-currency flight:
 - Normal T/O and Landing
 - Glassy Water T/O and Landing (*simulated if no glassy water*)
 - Simulated Power-off Landing (*simulated engine failure*)
 - Step taxi & Step turns
 - Docking and beaching procedures

ELMENDORF AERO CLUB APPROVED LAKE LIST

In accordance with the SOP, the following lakes are approved for the **C-172P** and the **185F**:

- Six Mile Lake
- Twin Island Lake
- No Name Lake (lake west of Figure Eight)
- Nancy Lake
- Lake Hood
- Seven Mile Lake
- Red Shirt Lake
- Finger Lake
- Trapper Lake
- Lake Lucille:
- Figure Eight Lake
- Big Lake
- Willow Lake
- Keyhole Lake
- Wasilla Lake
- Wasilla Lake Upper

Due to noise sensitivity, there is a club restriction of 1 takeoff and 1 landing per trip to Twin Island Lake, Lake Lucille, Nancy Lake, Finger Lake, Wasilla Lake, or Upper Wasilla Lake.

In addition to the above, the following lakes are approved for the **C-185F only**:

- Shell Lake
- Bulchitna Lake
- Beluga Lake (Homer)
- Chelatna Lake
- Alexander Lake
- Crescent Lake (checkout required)
- Christiansen Lake
- Shulin Lake

Seaplane Restrictions: (Both C-172 and C-185)

1. Minimum waterway size – 3500 feet by 100 feet wide.
2. Weather Minimums - 1500 feet and 3 miles visibility.
3. Cross Wind Limit – 10 Knots.
4. Tail Wind Limit – 5 Knots.
5. No night operations. Aircraft must be on water between official sunset and official sunrise.
6. River/Creek operations are prohibited except for actual emergencies.
7. Salt water operations are prohibited except for actual emergencies.
8. Any body of water not contained in Para 2.7.4 is expressly prohibited from use unless specifically approved by either the Chief Flight Instructor or the Aero Club Manager. If approved, the specific lake will require a separate checkout with an instructor for the member to operate from that lake. The instructor will accomplish a 1584 documenting that the member has received training and is approved for that specific lake.
9. The pilot in command is responsible for lake peculiarities – i.e., Noise sensitive areas, private property, docking/beaching restrictions, etc. Violations, fines, etc. are the responsibility of the PIC.

PRINCE WILLIAM SOUND (PWS) RESTRICTIONS (C-185 ONLY):

1. PIC must have logged a minimum of 25 hours SES time.
2. Any lake requested is subject to manager approval and an initial checkout with an instructor. Approval will be based on PIC's experience, acceptable flight planning, and the PIC's level of understanding of PWS operations. The initial checkout for each specific lake will be documented on a separate 1584.
3. Survival equipment is at the discretion of the PIC, but must be approved by the manager. Tents, mosquito suits and space blankets are highly encouraged.
4. Weather must be greater than or equal to 8000' ceilings and 10nm visibility. Winds must be less than or equal to 10 knots in Zone 125 (PWS). These conditions must be forecast to exist for at least the next 12 hours after proposed departure time from EDF or until at least 2 hours after planned return time through Portage Pass or over the Knik Glacier.
5. PIC must have a Sat Phone or other communications device with a minimum of 2-way texting capability.
6. No overnight trips will be approved until PIC has flown at least 5 trips to PWS lakes.