

Aviat Husky A-1C-180 Amphibious Floats G-ODIP Normal Checklist

<p>External Checks</p> <p>Fabric Screws / Cowl Fasteners Fuel Quantity / Fuel Vents Fuel Caps (2) / Drains (3) Oil 6 - 8 US Qts Propeller / Spinner Exhaust / Air Intakes Surfaces / Controls Floats - Check, Drain Pitot / Static Tyres 50 psi \pm5 Brakes Tie-Downs</p> <p>Internal Checks</p> <p>Hatches – Open Harness - Ready, Unfastened Instruments - Check, Set Alt Controls - Full & Free Water Rudder - Check, Set Flaps - Check, Up Trim - Free, Set Aft of Neutral Circuit Breakers - Check Fuel – On Avionics - Off Electrical Equipment – Off</p> <p>Landing Gear: Down (Land) - Up (Water) Brakes - On (land) - Off (Water)</p> <p>Starting Engine</p> <p>Mixture - Free, Rich Carb Heat - Free, Cold Propeller - Full Increase Master Switch – On Throttle - Free, 1/4 inch Open Prime if Cold 1 - 4 Strokes Propeller Area - Clear</p> <p>Cast Off / Board then: Starter - Operate</p> <p>After Engine Start</p> <p>On Water: Throttle 800 RPM On Land: Throttle - 1000 RPM Water Rudders - Down (Water) Stick - Fully Back (Water) Temp & Press - Check Alternator Field Switch - On Ammeter - Check Magnetos - Check Hatches & Harness – Secure Avionics Master - On</p>	<p>Taxying</p> <p>Landing Gear: Down (Land) - Up (Water) Check Visually Rudder - Full Movement Instruments - Check</p> <p>Power Check</p> <p>Fuel - ON Mixture - Rich Temp & Press – Check Stick - Fully Back (Water) Throttle - 1900 RPM Carb Heat – Check then Cold</p> <p>Magnetos - Check, Max drop 150 RPM Difference 50 RPM</p> <p>Ammeter – Positive Charge Propeller - Exercise, Full Increase Throttle Idle - 600 \pm25 RPM Set 800 RPM (Water) Set 1000 RPM (Land)</p> <p>Pre-Take Off</p> <p>Trim - Set Aft of Neutral Flight Instruments - Check Hatches & Harness - Secure Flying Controls - Full & Free</p> <p>FCARS</p> <p>F - Flaps 30° C - Carb Heat - Cold A - Area Clear R - Water Rudder Up S - Stick Fully Back</p> <p>Cruise</p> <p>Fuel - Contents Radio - Set Engine - 2350 RPM / 23 MP Mixture, Carb Heat DI - Set with Compass Altimeter - Set</p>	<p>Pre-Landing Check</p> <p>Mixture – Rich Carb Heat - Hot Propeller - Full Increase</p> <p>Landing Gear: Up (Water) - Down (Land) Check Visually Landing Lights - On Hatches & Harness - Secure</p> <p>FCARS</p> <p>F - Flaps as Required C - Carb Heat – Cold @ 300ft A - Area Clear R - Water Rudder Up S - Stick</p> <p>After Landing Check</p> <p>Flaps - Up Carb Heat - Cold</p> <p>Water Rudder: Down (Water) - Up (Land)</p> <p>Closing Down</p> <p>Throttle - 1000 RPM Magnetos - Check Temp & Press - Check Avionics Master - Off Electrical Equipment – Off Mixture - ICO Magnetos - Off Master Switch - Off Water Rudder - As required Harness - Leave tidy</p> <p>Water to Land Transition</p> <p>Approaching Ramp: Landing Gear – Down Throttle - Idle Anticipate Front Wheels Touch: Throttle - Increase</p> <p>Approach Dock / Buoy / Shore</p> <p>Carb Heat - Hot Throttle – Close Magnetos - Single selected Headset - Remove Harness – Unfasten Hatch - Open</p>
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Aviat Husky A-1C-180 Amphibious Floats G-ODIP Emergency Check List

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Engine Failure During T/O</p> <p>Throttle - Idle Control Column - Fully Back Mixture - ICO Magnetos - Off Master Switch - Off</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Engine Failure In Flight</p> <p>Glide 65 Kts Clean Glide 56 Kts Flaps Down Propeller - Full Increase Carb Heat – Hot Fuel - On Mixture - Rich Magnetos - Both / Start If engine will not start complete FORCED LANDING</p> </div> <p>FORCED LANDING (Water)</p> <p>Glide 65 Kts Clean Glide 56 Kts Flaps Down Plan Descent Landing Gear - Up (4 blue light) Mixture - ICO Fuel - Off Magnetos - Off Water rudders - Up Flaps - As required (Rec 30°) Mayday call Master Switch – Off Doors - Unlatch</p> <p>FORCED LANDING (Land)</p> <p>Glide 65 Kts Clean Glide 56 Kts Flaps Down Plan Descent Landing Gear (Terrain): Smooth - Down (4 green light) Rough - Up (4 blue light) Mixture - ICO Fuel - Off Magnetos - Off Water Rudders - Up Flaps - As Required (Rec 30°) Mayday Call Master Switch – Off Doors - Unlatch</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Engine Fire During Start</p> <p>Continue to Crank Engine If it starts: Throttle - 1700 RPM (2 min) Mixture – ICO Throttle - Full open Obtain fire extinguisher</p> <p>If it does not start: Continue to crank engine for 2-3 minutes then: Mixture - ICO Throttle - Full Open Obtain fire extinguisher</p> <p>When ready to extinguish fire: Master switch - Off Fuel - Off</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Engine Fire on Take-Off</p> <p>Before Lift-Off: Throttle - Idle Mixture - ICO After Engine Stops: Switches - Off</p> <p>After Lift-Off: Throttle - Idle Complete Engine Fire Inflight and Forced Landing Land ASAP</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Engine Fire Inflight</p> <p>Fuel - Off Mixture - ICO Switches - Off Cabin Heat - Off Airspeed to blow out fire Complete Forced Landing Land ASAP</p> </div> <p>Electrical Fire Inflight</p> <p>Master Switch - Off All Radio / Electrical switch - Off Fire Extinguisher – Operate Land ASAP</p>	<p>Landing Gear Fails to Retract or Extend</p> <p>Master Switch - On Gear Switch - Correct Position Gear C/B - Made Gear Lights: 4 blue = Gear Up 4 Green = Gear Down Gear Position - Check Visually</p> <p>If Gear still in improper position:</p> <p>Gear Switch – Recycle Gear Motor - Red light on Airspeed - Reduce to minimise loads on landing gear</p> <p>If Gear Motor in-op or gear still in improper position:</p> <p>Gear C/B - Pull Gear Switch - Desired Position Emergency Valve - Desired Position Emergency Handpump - Pump (120 cycles) Gear Position Lights - Check Gear Position - Confirm visual</p> <p>DO NOT LAND ON WATER UNLESS GEAR FULLY RETRACTED</p> <p>Gear Up or Partial Extended Landing on Land only</p> <p>Harness - Secure Runway - Long, Smooth, Grass Gear Switch - Up Flaps / IAS - 30° / 52 Kts Doors - Unlatch Master Switch - Off Land - Level / Min ROD Control Column - Full back Mixture - ICO Fuel - Off</p>
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Boxed Items Should Be Carried Out By Memory