

THE WORLD'S MOST ADVANCED
COMPOSITE FLOATS



lighter. faster. smarter.



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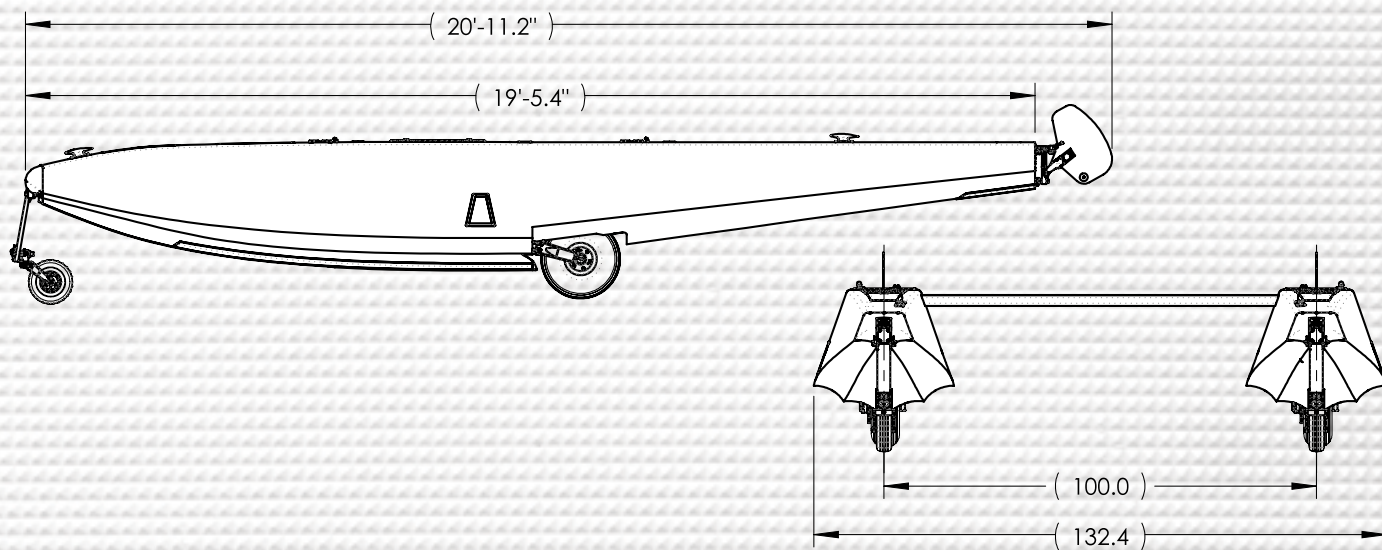
We have logged over 10,000 hours to date on these 3400 amphibious floats since March of 2004. Our cost per hour on our Cessna A185F was reduced by the installation of these floats as we no longer had the need to complete repairs to the hulls from routine beaching and use in Southeast Alaska. These floats have performed remarkably well, support the up-gross kits installed and with the low maintenance have become very much trouble free.

HARRIS AIRCRAFT SERVICES INC.
Cessna A185F

3400SERIES | COMPOSITE AEROSPACE FLOAT



AEROCET



GEAR RETRACT SYSTEM

Highest standard Gear Advisory System

- Audible announcement for gear positions and “check gear” conditions
- Hydraulic pump running indicator
- Illuminated indicators for each gear wheel and each position
- Backlit display for easy reading
- Dimmer adjustment
- Indicator lights “Test” feature
- Acknowledged by both pilots and aviation officials, keeping safety a top priority.

Electric Hydraulic Pump System

- 12 or 24 volt availability
- Far aft placement for nose gear CG compensation
- Low average pressure (500 psi) is easy on the lines reducing overall maintenance

- Built in pressure relief guards against over pressure from thermal or hand pump inputs
- Simplistic reversing motor eliminates complex flow control valves and systems
- Reservoir and site glass are built into hydraulic power pack for easy fluid level reading
- Internal filters to guard against debris in hydraulic system reducing wear
- Mounting hardware designed and tested to FAR requirements

MAIN GEAR

Custom Designed Gearbox

- Maximizes displacement for improved floatation
- Watertight seamless design means less water pumping
- Easy access to all hardware, reducing maintenance time
- Easy-to-clean and service, ease of replacements

Oleo Shock System

- Trailing arm link provides a no-bounce smooth ride
- Metering pin tailored toward comfort during taxi, yet able to handle harsh landings
- Pressure adjustable to match aircraft gross weight
- Built in prevention of water infusion
- Cost effective, easy to find and replace “Off-the-shelf” seals and wiper rings
- Aerocet-manufactured nose wheel means Aerocet quality, and we always have parts in stock



Aerocet® Patented Oil-Bath Wheels



AEROCET.COM

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NOSE GEAR

Sliding, Retractable Gear

- Utilizes a no-maintenance composite spring that eliminates soft forward diving in crosswinds or under braking
- No nose wheel well, which provides maximum displacement efficiency
- Aluminum Bronze slide bushings designed to handle ultimate loads without breakage
- Tire retracts to provide bumper
- Angle of nose spring is optimized to reduce shimmying potential
- Nose Wheel Assembly
- Aerocet-manufactured nose wheel means Aerocet quality, and we always have parts in stock
- Spoked wheel design eliminates water cavity
- O-ring interface between wheel halves for better sealing and less maintenance
- Standard “off-the-shelf” bearings
- Manufactured from 6061 billet, anodized and top coated for long life corrosion protection
- Fully TSO approved by the FAA

COMPOSITES

Performance

- Super large sweet spot, ease of use and the most forgiving floats for novice and pro alike
- Very slippery –minimal sensation of acceleration is felt after leaving the water
- Getting on the step is reached very quickly to get you off the water and into the air fast

Hull Design

- Double Fluted design delivers superior strength to weight ratings
- Molded in boarding steps
- Sharp edges for reduced drag and increased hydrodynamics
- Best design for performance in both rough water and smooth water conditions

Construction

- No Corrosion
- No rivets means no rivet leaks

3400 SERIES

Airplane	Cessna 180A thru H** J&K** 185, 185A thru E, A185E, A185F, P206, P206A, U206A thru G, TP206A, TU206A thru G, T206H
Buoyancy	3397 lbs / 1541 kg
Maximum Flotation	3775 lbs / 1712 kg
Weight	651 lbs*/295 kg* *without optional items

- Common aerospace E-Glass and simple easy-to-use vinyl ester resin
- Non-sandwich bottom skin, makes any field repair smooth and painless
- High impact sandwich core used on top and sides add durability and strength

COMPARTMENTS

Six Watertight Compartments

- No large holes for rudder controls (resistant to flooding)
- Large access panels with integrated preflight pumpouts
- Storage locker built into center compartment with full size locker door and optional floorboards for flat storage

HARDWARE

Hull Protection

- Aluminum Keel wear strip that is rugged and easily replaced
- Special aluminum chine rub strip designed to resist constant abrasion and provides another seam overlap

Spreader Bar

- New extrusion design with internal shear web
- Impervious to crushing under forklift and clamping loads
- Simple, high strength, lightweight spreader bar socket with integral grease fittings

Water Rudders

- Utilizes stainless tiller posts, brackets and fasteners and large bearings for overstress loads
- No rubber seals to crack and leak,
- No deck cables and turnbuckles to trip on
- Maximum maneuverability with large rudders

