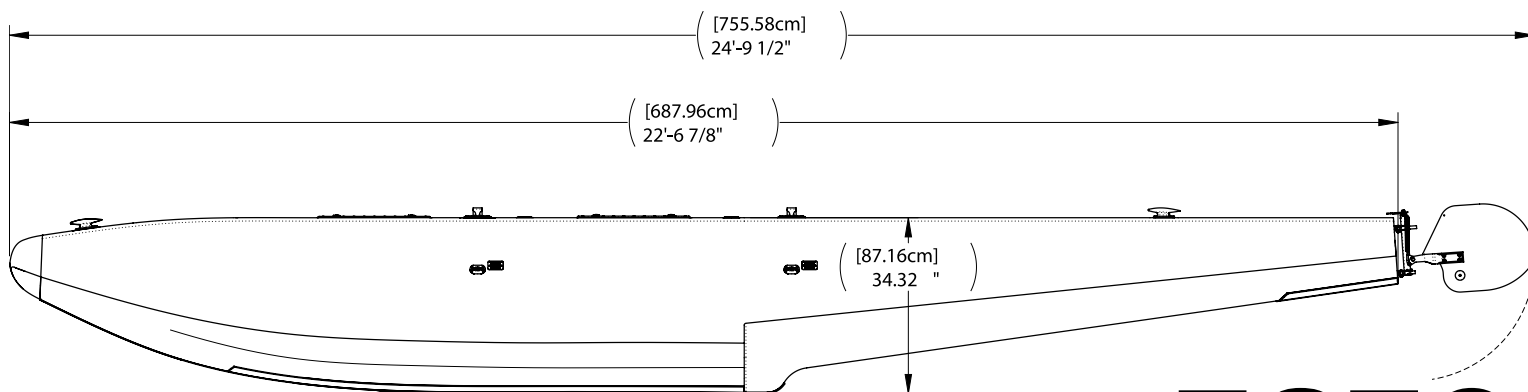




**5850** series

**AEROCET**  
INCORPORATED





# 5850 STRAIGHTS

**Float**  
5850

**Airplane**  
DEHAVILLAND  
BEAVER

**Buoyancy**  
5861.05 LBS.

**Maximum Floatation**  
6150 LBS.

**Weight**  
658 LBS.\*

\*Including all struts and attachment hardware.

## COMPOSITES

### Performance

- The most useful load in the industry at "up gross". Ask us to prove it.
- New infusion composite construction process allows these larger floats to weigh in at less than smaller floats that have less displacement.
- Extra floatation at no extra weight or speed penalty, for increased safety at gross weight.
- Very stable, no ventral fin required
- Clean floats and aerodynamic step struts give a cruise speed increase over other designs
- 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
- External load tie down mounts
- Large flat deck with molded in antiskid
- Best design for performance in both rough water and smooth water conditions

### Construction

- No Corrosion
- No rivets means no rivet leaks
- Common aerospace E-Glass and simple easy-to-use vinyl ester resin
- Non-sandwich bottom skin, makes any field repair an easy process
- High impact sandwich core used on top and sides adds durability and strength

## COMPARTMENTS

### Six Watertight Compartments

- No large holes for rudder controls (causes easy flooding)
- Large access panels with integrated preflight pumpouts that use all stainless hardware
- Four Large storage lockers with super large access doors, useful for enhanced CG control
- Optional floorboards for flat storage

## HARDWARE

### Key Hardware Features

- Stout attach fittings for "up gross" strength
- A mechanics delight for installation, a simple and complete kit
- All fittings swaged to fit
- Extensive use of anticorrosive 300 stainless steel throughout
- Best Cabin Entry and Fueling Step layout-looks good, works great

### 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

### Water Rudders/Steering

- Simple external rigging
- Utilizes large stainless tiller posts

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