

The Skyboat team pursues the goal to build the first Airship based on pressurized tubing as semi rigid skeleton. Independent inside helium bags, an inside positioned cabin and a new propulsion system based on cycloidal propeller are part of the new concept. The pictures are showing the work on the structural part.

Following the idea of rigid structures for Airships in the past, the outcome shows many advantages compared to today's Blimp standards. We will reach much higher maneuverability, more safety in operating under higher wind conditions, better performance, higher speed and less handling costs through much smaller crews on the ground.

For more Information about our unique pneumatic tubing, other applications and the Skyboat Project visit our web page www.aerotube.com or call Manfred Steibli @ 1 928 634 2588



Proof of Concept model:	
Length	140 feet (42.6 m)
max. Dia.	30 feet (9.1 m)
Volume	42400 cubic feet 1.200 m ³
Ballonet	not necessary
Engines	2 Rotary Engines 2 x 75 HP
Passenger	2-3 people incl. Pilot
Speed:	61 knots, 115 kph

SKYBOAT under Construction

Pictures are showing the state of the art before redesign of structure and propulsion system. Total weight on frame including nose assembly for mooring:
375 lbs. / 170 Kg
Aerotube elements are 8" in diameter and operated under 8-12 PSI (50-80 kPa)
Weight 1.3 oz/ft (120 g/m)

