

# Cape Town



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## The Only Certified Light Sport Amphibian Made in the U.S.A

The CAPE TOWN is based on FPNA's successful VALOR, with structural upgrades to increase rigidity and strength that allow the CAPE TOWN to handle the rigors of water flying. The CAPE TOWN shares great visibility, handling characteristics, and the availability of a state-of-the-art glass cockpit of the VALOR.

FPNA makes the composite *Waterborne Float System*. CORROSION-FREE FOREVER!

Our composite floats are a combination of [E-glass](#) and [Kevlar](#), with [Corecell](#) foam for structural strength.

- 7 Sealed Bulkheads providing great strength and independent Compartments (not "titanic Bulkheads") Actual displacement approximately 1650 Lbs.
- Straight Float, (without Wheels), or Amphibious Float options (With Wheels) Mains retract INTO the Floats.
- Aircraft Grade Metals (A N Hardware) and metal parts matched to reduce oxidation. Metal parts are Anodized (Special application to metal), Chromated (Paint to protect against oxidation) and lastly Epoxy powder coated.
- Electrically-Actuated, Pneumatically powered Retract system for the Amphibious system with Main gear Up-Locks
- Gravity Over-Center Locking system.
- Aircraft Grade Tires with Sealed Brakes (Amphibious System only, of course).

### Every CAPE TOWN is very well equipped with the following essential features and standard equipment.

- Microair M760 Radio and T2000 Transponder- with Mode C.
- Grand Rapids Electronic Flight Information System (EFIS) glass cockpit and separate EIS, Internal GPS, Highway in the Sky (HITS), and All AHARS Aligned.
- Redundant "Steam Gauge" altimeter and airspeed indicator.
- Poly-Carbon Fiber Three-bladed propeller with Nickel Leading Edges.
- Rotax 912ULS 100hp, liquid-cooled, four-stroke engine uses 93 Octane or higher "Mo-Gas".
- FPNA includes the following standard engine upgrades **without** cost to you:
  - Upgraded aircraft-grade hoses with fire-protection sleeves.
  - Oil thermostat to allow quicker safer engine starts and faster warm-up time.
  - Carburetor heating system.
  - Oil inspection door in the cowling.
  - Heavy duty starter and slipper clutch; protecting the engine from damage in case of a prop strike.
- OTHER STANDARDS **without** cost to you which *OTHERS CHARGE FOR*:
  - Dual controls with nose wheel direct connect steering and push rod flight controls
  - One of the widest cabins (50.4 in) in the LSA market
  - Lockable and removable doors
  - Ground adjustable seats
  - Inertia lock reels on 4 point seat belt system
  - Cabin heater
  - Dual cup holders





## Features

- **All metal anodized aluminum riveted airframe** with 'Ceconiotite' doped fabric covered control surfaces. Cowls and wingtips are composite. All fabric is UV-proofed when sealed and painted, giving a projected 20-year life.
- **All Aircraft grade A N hardware** - Easy to repair and familiar to A & P's world over.
- **A spacious and comfortable cockpit** - 128cm (50.4 inches) wide, 2 adjustable seats. Doors are glazed down to the floor, giving a truly 'helicopter-like' view out, with an almost 360 degree view.
- **Full span Flaperons** with 10 and 20 degree 'droop' positions, for ultra-short take offs and even shorter landings. Flap lever centrally placed in the roof.
- **High-lift aerofoil section with forward swept wings** allow excellent stall & slow speed handling characteristics.
- **Retractable Gear** – Main wheels retract into the floats and the Nose wheel retracts back. This system is electrically actuated and pneumatically extended and retracted. Over-center locks on the gear for added safety, plus flute valves with independent position-indicator lights for each gear. Tricycle gear configuration for added ability to taxi on rougher terrain.

**Options Available:** Ballistic Recovery System (BRS), Auto-Pilot, Wood-grain instrument Panel and many more

**Delivery times:** Delivery of a factory-finished aircraft, from date of firm order, is typically 3-6 months, depending on current stock and shipping arrangements.

**Color options:** The CAPE TOWN is available in 7 main colors: White, Red, Blue, Yellow, Silver, Green, Black.

SPECIFICATIONS	
Power plant	100 hp 912ULS
Length	20 ft.
Height	8.2 ft
Wingspan	33.2 ft
Wing Area	150 sq ft
Wing Loading	6.6 lbs per sq ft
Power Loading	10 lbs. per hp
Cabin Length	61.2 in
Cabin Width	50.4 in
Cabin Height	46.8 in
Empty Weight *	830 lbs
Max Gross Weight	1430 lbs
Useful Load *	600 lbs
Fuel Capacity	23.9 gal
Design Loads	+ 4 / -2 (with 150% margin)
PERFORMANCE*	
Take Off Distance	200 ft (Land) 400ft (sea) *
Landing Distance	750 ft (land)
Rate of Climb At Sea Level	1,000 fpm
Cruise Speed	95 - 100 mph
Range (Standard Tanks)	450 miles @ 70 mph
Endurance	12 hr / 3500 rpm
Vne (Never Exceed)	130 mph
Vso (Stall, Landing Configuration)	40 mph*

\* Performance measured at sea level, max gross weight, and standard day and are estimates. Empty weight and useful load are dependent on customer selected configuration.