

# SUPER PETREL XR



Super  
Petrel **USA**

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## Features / Improvements

- ✓ full composite tapered wings with built-in landing / position lights
- ✓ streamlined carbon / aramid composite fuselage
- ✓ one-piece canopy providing unparalleled visibility and comfort for the occupants
- ✓ structural nose area allowing occupants to walk in and out while beaching
- ✓ longer hull enhancing hydrodynamics' efficiency and floatation
- ✓ electrically actuated / hydraulically operated landing gear retracting system
- ✓ state-of-the-art nose and main wheels with larger tires
- ✓ new brake system, including parking brake
- ✓ maximum gross weight of 1500 pounds (680 kg) for both water and land
- ✓ new fuel system with dual gauge indicators
- ✓ baggage area increased by 60%
- ✓ niches for BOSE headsets stowage and Control Module on the side arm rest
- ✓ central GARMIN G3X Touch Screen augmented with GARMIN G5 display, Transponder, VHF, Autopilot, AOA, ADSB In and Out, ELT ACK 406 dual frequency / whip antenna and SIRIUSXM
- ✓ new Garmin Landing Gear Alerting System
- ✓ central console with throttle control and switches
- ✓ four position seat back adjustment
- ✓ ballast tank with gauge indicator and electric in / out pump system
- ✓ powered by ROTAX 916iS Turbo (160 hp)
- ✓ cruise speeds easily exceed 100 knots
- ✓ max endurance beyond 6:00 hours (no reserve)



## Super Petrel XP Specs

<u>PERFORMANCE</u>	(ISA)	<u>WEIGHT</u>	
Engine	916iS-160 HP	Basic Empty Weight	925 (lbs)
		Gross Weight	1,500 (lbs)
		Useful Load	575 (lbs)
		Load Factor (G)	+ 4 / -2
Max Cruise Speed	120 (kt)		
VNE (Light Sport Limit)	120 (kt)		
Stall Speed	41 (kt)	<u>DIMENSIONS</u>	
Max Climb Rate	2,000 (ft/min)	Cabin Width	46 inches
Glide Ratio	10:01	Baggage (load / ft <sup>3</sup> )	66 (lbs) / 5.82 (ft <sup>3</sup> )
Service Ceiling	14,000 (ft)	Nose Baggage (load / ft <sup>3</sup> )	55 (lbs) / 0.71 (ft <sup>3</sup> )
Take Off (ground / water)	224/338 (ft)	Length	21.08 (ft)
Landing (ground / water)	422/351 (ft)	Height	8.00 (ft)
Fuel Capacity (usable)	28 Gals. Usable	Wing Span	29.67 (ft)
Max Endurance (hours)	06:00	Wing Area	158.70 (ft <sup>2</sup> )
		Landing Gear	Tricycle/Retractable

Central panel and console with GARMIN G3X/G5



New canopy design

Powered by ROTAX 916iS (160Hp) Turbo / Intercooler



Side arm rest with niches for BOSE headset controls

60% increased baggage volume and niches for BOSE headsets

