

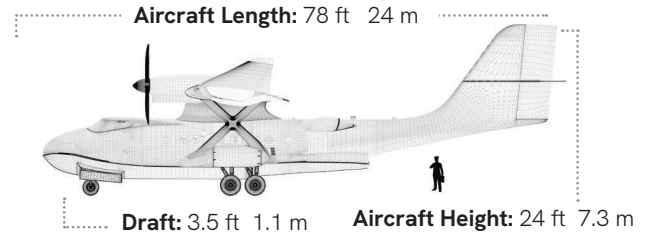
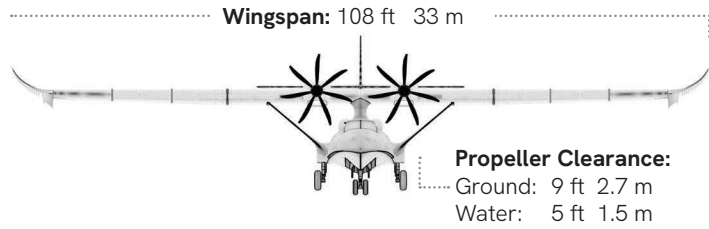
CATALINA SPAR™

ONE AIRCRAFT.
INFINITE MISSIONS.



CATALINA SPAR™

A multi-mission amphibious aircraft designed for worldwide operations in rugged, unforgiving environments.



AIRCRAFT SPECIFICATIONS

WINGSPAN	[108 ft] 33 m
AIRCRAFT LENGTH	[78 ft] 24 m
AIRCRAFT HEIGHT	[24 ft] 7.3 m
AIRCRAFT WIDTH	[16 ft] 4.8 m
DRAFT	[3.5 ft] 1.1 m
EMPTY WEIGHT	37,800 lbs 17,146 kg
PROPELLER CLEARANCE	Water [5 ft] 1.5 m / On Landing Gear [9 ft] 2.7 m

FLIGHT PERFORMANCE

RANGE	Max Ferry	3,200 nm	5,926 km
	Cruise	2,700 nm	5,000 km
	Loiter Time	24 hrs	
SPEED	Max	305 kts	565 kph
	Cruise	285 kts	528 kph
	Loiter	155 kts	285 kph
	Stall	60 kts	111 kph
SERVICE CEILING	[25,000 ft] 7,620 m		

PAYLOAD CAPACITY

MAX TAKE OFF / LANDING WEIGHT	Land	68,500 lbs	31,071 kg
	Water	65,500 lbs	29,710 kg
MAX INTERNAL FUEL LOAD	22,750 lbs	10,319 kg	
MAX INTERNAL PAYLOAD	23,500 lbs	10,659 kg	
PASSENGER	Commercial 40-Pax / VIP 20-Pax		
MAX WING HARDPOINT LOAD (EACH)	1,500 lbs	680 kg	

▶ CATALINA SPAR™ VARIANTS

- Catalina Frigate**
Passenger/Cargo Commercial Aircraft
- Catalina Petrel**
ASW/ISR/AWACS/EO-IR/ESM
- Catalina Kestrel**
Coast Guard/Maritime Patrol Aircraft
- Catalina Condor**
Firefighting Aircraft
- Catalina Orkan**
Military Transport/Support/Medevac
- Catalina Ninox**
Autonomous Cargo/SR/ASW/Logistics

▶ AIRCRAFT FEATURES

- Hybrid Bow/Stern Thrusters
- Aerial Refueling
- Marine Gyro Stabilization
- Adjustable Height Landing Gear
- Rear Cargo/Airdrop Ramp
- Universal Nosecone Sensor/Power Mount
- 463L Pallet Cargo Deck
- Pressurized Option
- Hard Point External Fuel Tanks
- Fly By Wire Pilot Optimized Flight Deck
- STOL: Water-Sea State 3+, Land-Austere/Unimproved

▶ CERTIFICATIONS & COMPLIANCE*

- Classified as FAA Part-25/EASA CS-25 Transport Aircraft
- ICAO Annex 6, 8 & 14
- IAB Certification
- TCCA 702 & 722 Certification

*note: aircraft design goals exceeds certification & compliance requirements.

