



2019

BROCHURE **2019**

SEAMAX
AIRCRAFT

REDEFINE
FREEDOM

WORKS



THE SEAMAX M-22

SEAMAX M-22 is a high-performance Light-Sport Aircraft designed by prominent aeronautical draftsman Miguel Rosário, with global sales. It has been manufactured in Brazil since 1998 and sold 150 units in over 30 countries. Seamax won several aeronautical awards, such as "*Outstanding Commercial S-LSA*" at Sun'n Fun in USA, the *Schneider Cup* in Italy, and it has featured in more than 40 specialized magazines in the world. Seamax is known for its reliability as one of the safest planes in the category and it was one of the pioneer amphibious aircraft to win the United States FAA acceptance in the Light-Sport category, setting up a high standard bar for industry competitors. Made of composite materials with superb finishing, Seamax uniqueness relies upon its ability to remain light, granting exceptional performance, large range and the greatest useful load in the category.

AVAILABLE FEATURES

Composite airframe
Folding wing system
Glass cockpit
Electrically actuated landing gear
Double actuated rudder pedals
Brake and throttle
One piece canopy
Frise ailerons
Ballistic parachute
External view cameras
Parking Brake
Cabin Heater
ADS-B System
Auto-pilot





M-22

PERFORMANCE | SAFETY | VERSATILITY | DESIGN

You can choose your SEAMAX M-22 in one of the following

3 VERSIONS

Folding Wing (FW)

Introduced to the market in early 2012, the SEAMAX M-22 Folding Wings became a huge success because of its versatility, making easy to store and transport the aircraft to anywhere, becoming an economical option against expensive storage and hanger fees.

Standard Wing (SW)

The Standard SEAMAX M-22 in its best shape. Introduced to the market in 2001, the SEAMAX M-22 Standard Wings has been a sales success for its great performance and light weight.

ULM (Ultra Light)

The ULM version of the SEAMAX is designed for European market. The lightest version of the SEAMAX comes with the ballistic parachute as standard, and is precisely built to weight under 350 Kg. It complies with EASA regulations.

CHOOSE YOUR ENGINE

FOUR ENGINE OPTIONS



Powerful ROTAX engine

	Rotax 912 ULS	Rotax 912 iS
Horsepower	100@5800 (2387 prop)	100@5800 (2387 prop)
Weight(lbs)	165	173
HP/lb	0.61	0.61
Displacement	1352cc	1352cc
Bore X Stroke	84x61mm	84x61mm
Valveing	8V pushrod	8V pushrod
Cooling	Liquid/Air	Liquid/Air
Compression	10.5:1	10.5:1
Fuel Delivery	Dual Carbs	Fuel Injection
TBO hours	2000	2000

SEAMAX
A I R C R A F T

AMPHIBIOUS WITH
THE GREATEST
PERFORMANCE



SPECIFICATIONS & PERFORMANCE

Specifications

Capacity	1+1
Length	19.8 ft (6.04 m)
Wingspan	33.5 ft 8 in (10.08 m)
Wing Position	High Wing, Strut-Braced
Height	6.25 ft (1.9 m)
Empty Weight	Starting at 715 lb 325 kg*
Max. Takeoff Weight	1,320 lb (600 kg)
Useful Load	600 lb (272 kg)
Engine	Rotax 912 ULS / Rotax 912 iS
Fuel Capacity	26.5 US gal (100 l)
Manufacturer	SEAMAX Aircraft LTDA
Country of Origin	Brazil
FAA Classification	Light Sport Aircraft
Amphibious	Yes
Countries Certified	20+

Performance

Range	630 mi (1018 km)
Max. Speed	130 mph (210 km/h)
Cruising Speed	117mph 188 km/h
Stall Speed (Flap)	45 mph / 72km/h
Operating Ceiling	12000 ft (3962 m)
Rate of Climb	980 ft/min (5 m/s)
Takeoff Distance (Land)	400 ft (122 m)
Takeoff Distance (Water)	400 ft (122 m)
Landing Distance (Land)	400 ft (122 m)
Landing Distance (Water)	400 ft (122 m)



*based on the ULM SW Version

TRIMS

AVIONICS + OPTIONALS



SEAMAX M-22 offers 03 three trim packages with optionals designed for every kind of mission:

- **Performance**, combining the best of analog instruments
- **Exclusive**, with a complete all-glass cockpit with the Garmin G3X
- **Exclusive D**, adding the Dual screen to the Garmin G3X

Performance trim

SEAMAX M-22 PERFORMANCE is the perfect combination of performance + versatility. Designed to keep the aircraft light, this package features a complete analog instruments cockpit and can be combined with multiple optionals according to the pilot needs. Seamax M-22 Performance includes as standard:

Altimeter	Falcon, MODEL: ALT20IMF-3, ,20,000 ft, Inches & Millibars
Airspeed	Falcon Model: ASI160M-3 Range: 20-160mph, Size: 3 1/8", Length: 3.5in/97.3mm
Climb	Falcon Model No: VS12FM-3 ,Size: 3-1/8", Length: 4.25"/105mm, Range: 2,000 - 4,000 ft/min
Compass	SIRS Size: 203/8" H x 2-1/4" W
RPM	Aviasport
Oil Temp	Aviasport
CHT	Aviasport
Oil Pressure	Aviasport
Voltimeter	Aviasport
Fuel Pressure	Aviasport
Hourimeter	Hobbs + Sensor
Radio	GTR- 225 Garmin
Transponder	GTX - 327 Garmin
Antenna	AV-10
Antenna	RAMI AV-22 XPDR ANTENNA TSO
Module - S	ACK A-30.5 ENCODER 30K
Mini Ipad	Apple iPad Mini 4 128GB
ELT	ELT (ACK 406/121.5 MHz E-04 ELT)

Optionals:

Auto Pilot
Exterior Camera
Headset Jack
Digital Back up
Ballistic Parachute
Premium Color scheme
Premium Leather seats



EXCLUSIVE trim

SEAMAX M-22 EXCLUSIVE brings the most reliable and versatile avionics package in the market to the SEAMAX. With the Garmin G3X as standard, this package adds multiple safety items and can be combined with extra optionals items as well. SEAMAX M-22 EXCLUSIVE includes as standard:

GARMIN G3X GDU 465 10.6" LANDSCAPE TOUCH DISPLAY W/ SIRUS XM

Parking Break

02 Jacks 12v (USB)

Standard Dashboard - Garmin G3X

The G3X Touch display provides pilots all necessary information for a comfortable and safe flight. On a single display, the pilot can see the engine information, GPS, weather information, Synthetic vision which provides a rich, three-dimensional description of terrain, obstacles, water features, the runway environment. G3X Touch conveniently displays VFR Sectionals and IFR Enroute Charts, which provide pertinent information in-flight while on an IFR or VFR flight plan.

The Dashboard counting with 4 analog instruments (altimeter, Airspeed, Climb, compass) as a backup and a Communication system with a Radio Garmin (GTR- 225) and Transponder Garmin (GTX – 327). The parking break is very important to operating on the water and need to lift up a ramp, the pilot can active the parking break and have time to tie the airplane. Two USB jacks are available as well.

Safety items

The G3X Touch has an Integrated Back-up Battery System which provides back-up power to critical electronics such as EFIS, GPS, Navigators and Engine monitors. Emergency Locator Transmitter (ELT).



EXCLUSIVE trim - standard features

GARMIN GA 26C GPS REMOTE ANTENNA W/ BNC PLUG G3X 496 396 296

GARMIN G3X ROTAX 912 PROBE KIT

GARMIN G3X FUEL PRESS CARB / COOLANT 15 PSIG 1/8-27 NPT

GARMIN G3X FUEL FLOW 1/4" NPT

GARMIN G3X GSU 25 ADAHRS CONNECTOR KIT

GARMIN G3X GEA 24 ENGINE INTERFACE UNIT ONLY

TCW INTEGRATED BACK UP BATTERY SYSTEM 3AH / IBBS-12v-3ah

GARMIN G3X GDU 465 10.6" LANDSCAPE TOUCH DISPLAY W/ SIRUS XM

GARMIN G3X GDU 460 465 10" SCREEN INSTALL KIT

GARMIN LRU KIT GSU 25 GMU 11 GTP 59 AND CONFIG MODULE

GARMIN GMU 11 CONNECTOR KIT

GEA 24 Engine Module Connector Kit

RAMI AV-22 TRANSPONDER ANTENNA

RAMI AV-10 COM ANTENNA

ACK 406/121.5 MHz E-04 ELT with Kit Installation

FALCON 2-1/4 GAUGE SENSITIVE ALTIMETERS ALTN10MBF-2

FALCON 2-1/4 VERTICAL SPEED INDICATOR - 2,000 FT / MIN

FALCON MINIATURE AIRSPEED INDICATOR 0-140 KPH

SIRS NAVIGATOR OVERHEAD COMPASS (TSO'd)

GAP 26 Unheated Pitot Tube

Radio Garmin GTR - 225

Transponder Garmin GTX - 327

STANDARD:

Parking break

External Camera

02 Jacks 12v (USB)

Premium Leather seats

Optionals:

Auto Pilot

Headset Jack

Digital Back up

Ballistic parachute

Premium Color Scheme



EXCLUSIVE DUAL trim

SEAMAX M-22 EXCLUSIVE DUAL includes all items specified on the Exclusive trim on the previous pages + a dual screen dashboard and much more:

The Dashboard

The G3X Touch system offers pilots easy-to-read, easy-to-use, two sunlight readable screen, efficient access to information, high-resolution 7 inch flight displays with split-screen functionality and a host of advanced interface options.

The G3X Touch display provides pilots with an intuitive split-screen mode with the option to view PFD, MFD, and engine information on a single display, EFIS, GPS, weather information, External camera, Synthetic vision which provides a rich, three-dimensional description of terrain, obstacles, water features, the runway environment. G3X Touch conveniently displays VFR Sectionals and IFR Enroute Charts, which provide pertinent information in-flight while on an IFR or VFR flight plan.

The Garmin G5 display is a backup instrument to G3X. Garmin G5 has 3.5-inch sunlight-readable liquid crystal display (LCD) with built-in GPS, G5 displays attitude, ground track, altitude, airspeed, groundspeed, vertical speed.

Integrated communication system

The Radio, transponder and intercom are modules integrated with the G3X touch.

The Radio Module (GTR 20) includes a 2-place stereo intercom that is ideal for 2-seat aircraft with adjustable cockpit noise level. G3X Touch interface allows access to emergency frequency tuning, pilot audio isolation, saved frequencies list, music mute or push-to-talk. Plus, optional installed remote switches on the flight controls allow pilots to keep their hands on the controls while performing functions like swapping the active and standby frequencies.

The Transponder Module (GTX 45R) is the next generation of transponders! It offers a complete ADS-B in/out solution with all the weather and traffic benefits, useful traffic data, including aircraft flight ID, position, altitude, velocity, climb/descent and heading information. You will have clear view of traffic, weather information (in time) and advanced design.

Safety items

The G3X Touch has an Integrated Back-up Battery System which provides back-up power to critical electronics such as EFIS, GPS, Navigators, Radios, Autopilots and Engine monitors.

Each Screen has an individual GPS antenna, creating a redundancy.

The Garmin G5 display has an Integrated Back-up Battery System for 4hs.

Emergency Locator Transmitter (ELT)



EXCLUSIVE DUAL trim - Standard Features

GARMIN GA 26C GPS REMOTE ANTENNA W/ BNC PLUG G3X 496 396 296

GARMIN G3X ROTAX 912 PROBE KIT

GARMIN G3X FUEL PRESS CARB / COOLANT 15 PSIG 1/8-27 NPT

GARMIN G3X FUEL FLOW 1/4" NPT

GARMIN G3X GSU 25 ADAHRS CONNECTOR KIT

GARMIN G3X GEA 24 ENGINE INTERFACE UNIT ONLY

TCW INTEGRATED BACK UP BATTERY SYSTEM 3AH / IBBS-12v-3ah

G3X TOUCH GDU 450 (SCREEN 7")

G3X TOUCH GDU 455 (SCREEN 7")

GDU 450/455 INSTALLATION KIT

GARMIN GTR 20 REMOTE COM RADIO FOR G3X TOUCH ONLY

GARMIN GTX 45R XPDR REMOTE MOUNT FOR G3X

GARMIN LRU KIT GSU 25 GMU 11 GTP 59 AND CONFIG MODULE

GARMIN GMU 11 CONNECTOR KIT

GEA 24 Engine Module Connector Kit

RAMI AV-22 TRANSPONDER ANTENNA

RAMI AV-10 COM ANTENNA

ACK 406/121.5 MHz E-04 ELT with Kit Installation

SIRS NAVIGATOR OVERHEAD COMPASS (TSO'd)

GAP 26 Unheated Pitot Tube

G5 Unit

G5 Installation Kit

G5 Battery Pack

STANDARD:

G3X TOUCH GDU 450 (SCREEN 7")
G3X TOUCH GDU 455 (SCREEN 7")
GDU 450/455 INSTALLATION KIT
System With EIS
Garmin G5 (Digital Backup)
Integrated communication system
Parking break
External Camera
02 Jacks 12v (USB)

Optionals:

Auto Pilot
Headset Jack
Digital Back up
Ballistic parachute
Premium Color Scheme



PRICE

CHOOSE YOUR SEAMAX

Choose your **Version** + **Trim** + **Engine**.

VERSION	TRIM	ROTAX 912 ULS	ROTAX 912 iS
Standard Wings	Performance	148,470	158,033
	Exclusive	162,786	172,349
	Exclusive Dual	168,573	178,136
Folding Wings	Performance	158,470	168,033
	Exclusive	172,786	183,200
	Exclusive Dual	178,573	189,200
ULM	Performance	170,270	N/A
	Exclusive	185,070	N/A
	Exclusive Dual	N/A	N/A

*Prices are in US Dollars / Free On Board / Taxes not included.



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