



AMPHIBIAN
TWO SEATER
TRAINER AND
CRUISER
FROM VOLGA



www.aerovolga.com

BOREY
DESIGNED FOR WILDERNESS

(Βορέας)
BOREY
GOD OF THE
NORTH WIND

From Ancient
Greek mythology

ADVANTAGES

Simple to fly and to maintain



Ideal for pilot training on flying amphibious seaplane



Ideal for hunters, fishermen, adventurers



Composite structure



Large cargo compartments



Safe Design



Ballistic Parachute System, BRS (option)



Can operate in wind waves up to 50 cm (20 inches)



Short takeoff on land and on water



Ability to taxi through shallow water overgrown with sedges



Ability to ramp up from water onto shore and vice-versa



Snow ready (skis-option)



Airframe warranty two years or 100 flight hours



Responsive customer service and support



ANPHIBIAN AIRCRAFT

AMPHIBIAN TWO SEATER TRAINER AND CRUISER FROM VOLGA

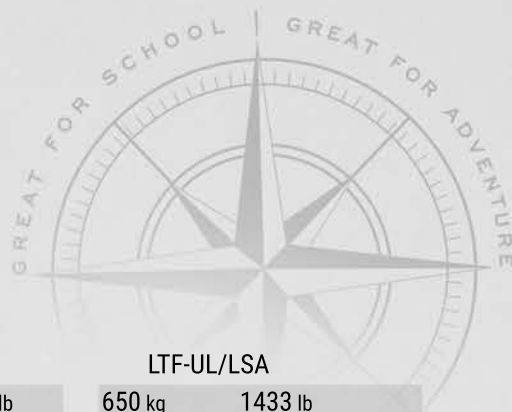


PHOTOS BY Jean-Pierre Bonin and Eric Dumigan

AEROVOLGA



AIRCRAFT PERFORMANCE



CATEGORY	AULA		LTF-UL/LSA	
Maximum take-off weight	560 kg	1234 lb	650 kg	1433 lb
Engine	Rotax 912UL		Rotax 912ULS (S)	
Engine power	59.6 kW	80 hp	73.5 kW	100 hp
Never-exceed speed VNE	198 km/h	123 mph	198 km/h	123 mph
Maximum cruise speed	154 km/h	96 mph	185 km/h	115 mph
Stalling speed	67 km/h	36 kts	70 km/h	38 kts
Rate of climb	4 m/s	787 ft/min	4 m/s	787 ft/min
Take-off run (land)	160 m	525 ft	150 m	492 ft
Take-off run (water)	210 m	689 ft	200 m	656 ft
Landing roll on land	150 m	492 ft	150 m	492 ft
Landing roll on water	200 m	656 ft	200 m	656 ft
Take-off distance (land)	375 m	1230.31 ft	350 m	1148 ft
Take-off distance (water)	475 m	1558 ft	450 m	1476 ft
Maximum flight range with extra tanks 30 L	900 km	485 nm*	900 km	485 nm
Wave height capability	0.5 m	20 inches	0.5 m	20 inches

*Range is based on maximum fuel onboard, max gross weight must not exceed Approved AULA weight rating

CERTIFICATION RULES



AULA
TP-10141

560 kg | 1234 lb
the Canadian
Advanced Ultra Light
Aeroplane Standards



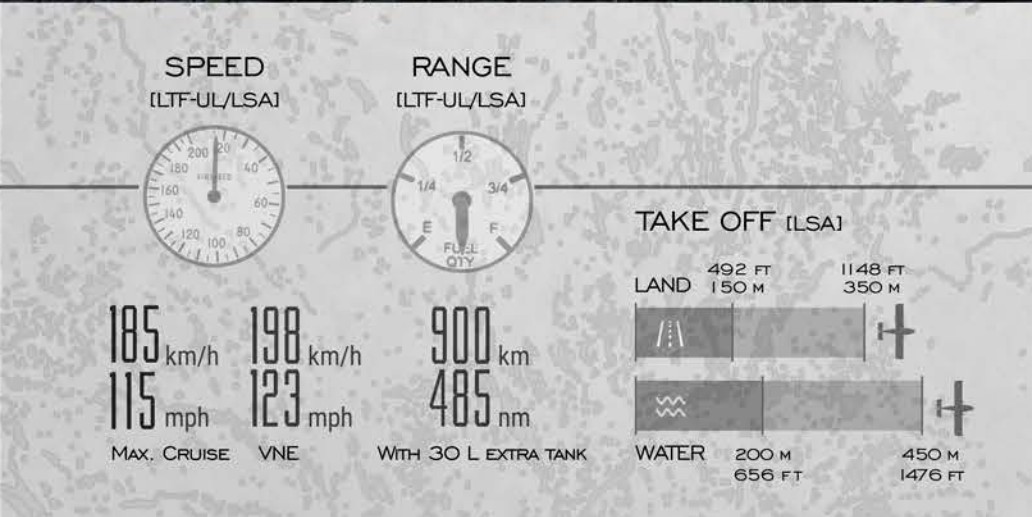
LTF-UL
2018

650 kg | 1433 lb
Germany and
countries that have
approved these rules



ASTM
2245

650 kg | 1433 lb
USA and countries that
have approved the rules
of Light Sport Aircraft
— LSA Cert —





FEATURES

Seats	2
Front cargo compartment	up to 50 kg 110 lbs
Aft cargo compartment	up to 50 kg 110 lbs
Slide windows	on both doors
Titanium spring struts for outrigger floats	
Flaperons Structure	manually operated carbon-fibre composite
Colour	white
Service placards	in English
Landing gear retraction	manual
Brakes	hydraulic, from the left seat pedals
Towing eye	
Main wheels	5.00 x 5
Landing gear	with steerable tail wheel

ALL COMPOSITE STRUCTURE

Exceptionally durable and light

FLAPERONS

Efficient wing-flap



STEERABLE TAIL WHEEL

Provides easy ground and water control

STEP

Reduces take-off run on water



FOR ADVENTURE

FIXED-PITCH PROPELLER

Efficient design – simple and failproof

SIMPLE LANDING GEAR RETRACTION MECHANISM

Pilot retracts landing gear by simply turning a lever

OPTIMAL WING AIRFOIL FOR OUTRIGGER FLOATS

Provides excellent aerodynamic efficiency

TITANIUM SPRING STRUTS FOR OUTRIGGER FLOATS

Improves floats endurance

STREAMLINED FLOATS

Excellent stability and low aerodynamic drag

BRAKE WHEELS

Reduces take-off run and roll on land

OPTIMAL HYDRODYNAMICS

Great seaworthiness Propeller and windshield are clear of water spray



AEROVOLGA



INSTRUMENT PANEL

NOT ALL OPTIONS ARE AVAILABLE IN ALL COUNTRIES (check the Order form)

STANDARD EQUIPMENT

Display Glance EFIS-105, including PFD, MFD, EMS and voice information system

PFD FEATURES INDICATORS:

Airspeed
Turn-slip
VSI
Altimeter
Gyro horizon
G-meter
OAT

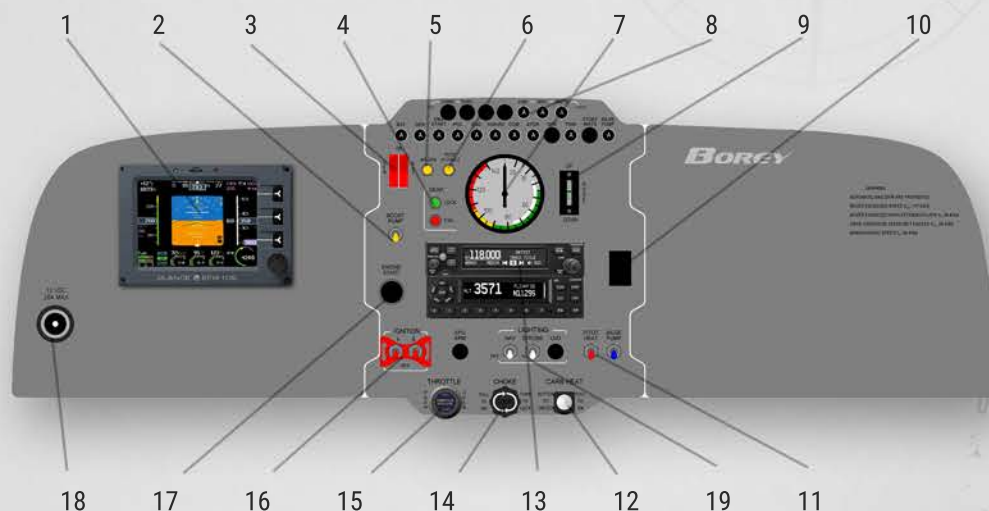
EMS FEATURES INDICATORS:

Tachometer
Cylinder head temperature
Oil temperature
Oil pressure
Fuel gauge in the left and right tanks
On-board electric system voltage level and battery charge current

MFD FEATURES:

Ground speed
GPS navigator
Flight planning

A STANDARD BASIC CONFIGURATION



- | | | |
|-------------------------------|--|------------------------------|
| 1 Display Glance EFIS | 6 Pitot heat failure indicator | 11 Pitot heat switch |
| 2 Fuel pump switch | 7 Backup speed indicator | 12 Carburetor heat control |
| 3 MASTER switch | 8 Circuit breaker panel | 13 GARMIN GTR 200 or similar |
| 4 Landing gear lock indicator | 9 Elevator trim indicator | 14 Choke knob |
| 5 Generator failure indicator | 10 ELT Emergency Location Transmitter remote control | 15 Throttle |
| | | 16 Ignition switch |
| | | 17 Starter button |
| | | 18 DC 12 V socket |
| | | 19 NAV&STROBE |



OTHER STANDARD EQUIPMENT

Backup Airspeed indicator 3 1/4"	Generator failure indicator
Magnetic compass	Battery 16 A·h
Fuel boost pump	Carburetor heating
Electrical elevator trim tab with indicator	Maintenance documentation (English)

OPTIONAL CONFIGURATION

B1

G3X, GTR-200,
GTX 345
(ADS-B in & out),
analog Airspeed
indicator.



B2

G3X, GTR-200,
GTX 345
(ADS-B in & out),
vvv, Garmin 795.



Cigarette
lighter (1)

ELT 406
ready (Option)

Cockpit
lighting

Elevator and
flaperon gust locks

Jacks for two
headphones

Pitot probe
cover

Pitot heat
with failure
indicator

Flight log
(English)



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EQUIPMENT & OPTIONS



STANDARD EQUIPMENT

BRS
The second cigarette lighter on the right
Landing light
Electrical bilge pump
Cockpit heating
Brakes for the right seat position
Parking brake
GARMIN G-5, including magnetic compass
(instead backup speed indicator)
2 Headrests
Transponder Mode S
EFIS G-3X, including PFD and EMS,
instead of Glance
Additional features G-3X: transponder Mode S,
including ADS-B in & out; backup transceiver GTR-20R
TAWS; weather receiver
Camcorder
Docking station for Garmin 795/796 on the right panel
Interconnection of the auxiliary auxiliary audio (3.5 mm)
on the headset through the intercom

OPTIONALS

18 kg BRS
0.3 kg The second cigarette lighter on the right
0.6 kg Landing light
1.1 kg Electrical bilge pump
3.1 kg Cockpit heating
1.4 kg Brakes for the right seat position
0.4 kg Parking brake
0.8 kg GARMIN G-5, including magnetic compass
(instead backup speed indicator)
0.8 kg 2 Headrests
2.0 kg Transponder Mode S
6.0 kg EFIS G-3X, including PFD and EMS,
instead of Glance
1.5 kg Additional features G-3X: transponder Mode S,
including ADS-B in & out; backup transceiver GTR-20R
0 kg TAWS; weather receiver
0.5 kg Camcorder
0.6 kg Docking station for Garmin 795/796 on the right panel
0 kg Interconnection of the auxiliary auxiliary audio (3.5 mm)
on the headset through the intercom
0.7 kg Rotax 912S
0.0 kg Rotax 912 A/F
2.8 kg Aft cargo container
6.0 kg Set of snow skis (not amphibious)
(taking into account the reduction in weight by
removing the wheels of the main and rear landing gear)

ADD. EQUIPMENT

2 oars/boat-hooks
2 life jackets
Drag anchor
Harbour anchor
2 headset with microphone
Garmin 795/796 + GDL 39 3D kit
Cover for cockpit
Covers, full set
Electric heater for preheating
instruments and cockpit,
powered by the cigarette lighter

THE TOTAL WEIGHT OF
OPTIONAL EQUIPMENT
MUST NOT BE MORE THAN **18,5 kg**



BASIC



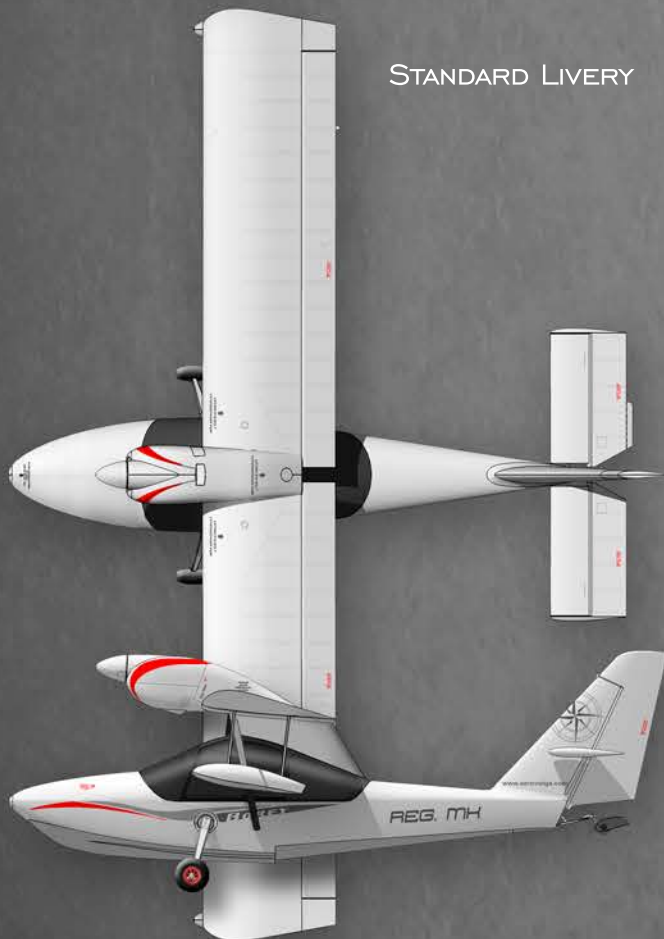
For Borey we created several possible color schemes: the painting of some areas (engine and rudder),

a standard livery and three different optional liveries that can be ordered on request.

FOR DETAILS CHECK THE ORDER FORM

LIVERIES & COLORS *

STANDARD LIVERY



CUSTOM LIVERY



*Available liveries may differ in colours and shapes from the illustrations

OPTIONAL PAINTING *

PROPELLER

SPINNER

RUDDER



BRIGHT RED | YELLOW | DEEP BLUE



**20K**MORE THAN
20.000KM**45**FORTYFIVE
DAYS

ADVENTURE

In summer of 2018, three AeroVolga aircraft, one **BOREY** model L accompanied by two **LA-8** performed a flight navigating **around the world** along the **Polar Circle** over the territories of eight countries: *Russia, USA, Canada, Greenland, Iceland, Norway, Sweden, Finland and Russia.*

The trip took **43 DAYS**, the aircraft flew more than **20,000 km** over land, seas and oceans without failure or incident.



9 NINE
COUNTRIES

3 THREE
CONTINENTS

2 TWO
OCEANS



T H E P O L A R R O U N D - T H E - W O R L D F L I G H T

AEROVOLGA

6927 (22'6")

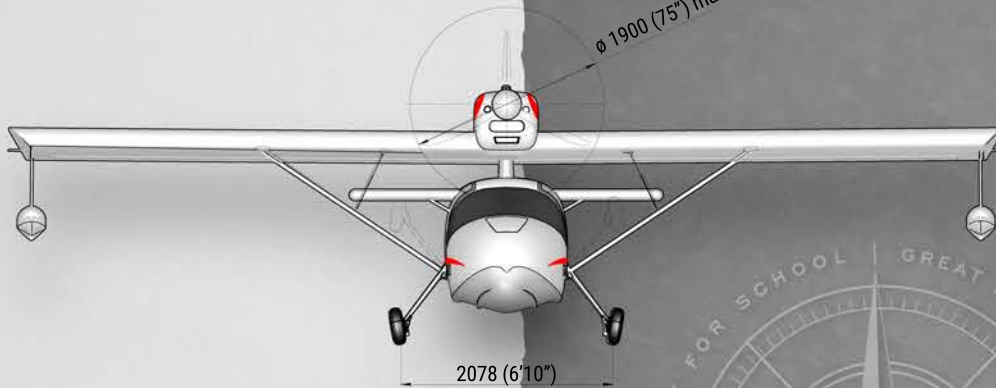


AIRCRAFT



4335 (14')

Ø 1900 (75") max



2078 (6'10")



1400 (55")

9760 (32')

800 (31.5")

3072 (10')





BOREY

DESIGNED FOR WILDERNESS

MANUFACTURER



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DEALER FOR GERMANY



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