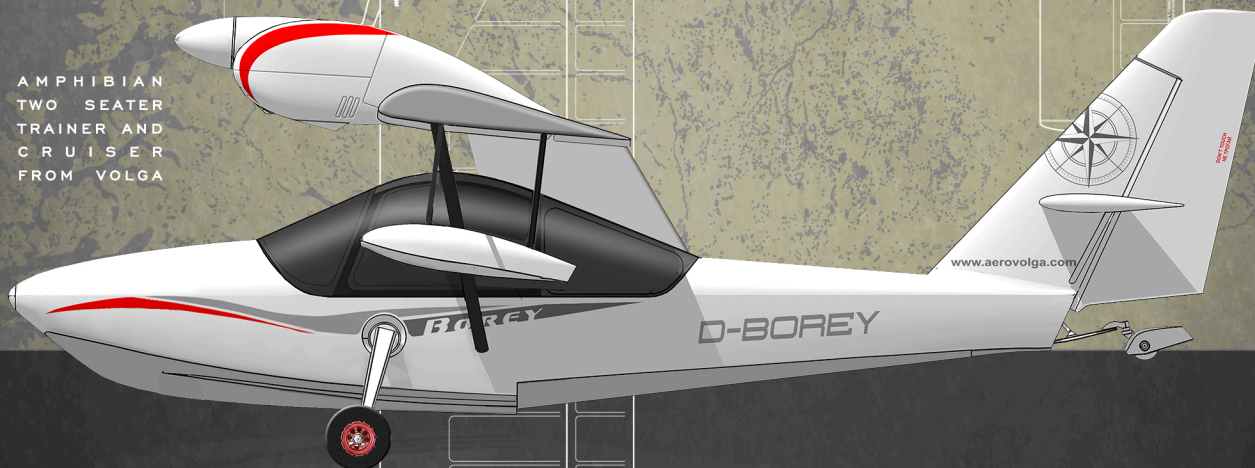




AMPHIBIAN
TWO SEATER
TRAINER AND
CRUISER
FROM VOLGA



GREAT FOR SCHOOL | GREAT FOR ADVENTURE













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 —

SPEED
(LTF-UL/LSA)



185 km/h
115 mph

MAX. CRUISE

RANGE
(LTF-UL/LSA)



900 km
485 nm

WITH 30 L EXTRA TANK

TAKE OFF (LSA)

LAND 492 FT 1148 FT
150 M 350 M



WATER 200 M 450 M
656 FT 1476 FT



AEROVOLGA



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

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

OPTIMAL HYDRODYNAMICS
Great seaworthiness Propeller and windshield are clear of water spray

BRAKE WHEELS
Reduces take-off run and roll on land

STEP
Reduces take-off run on water

STEERABLE TAIL WHEEL
Provides easy ground and water control

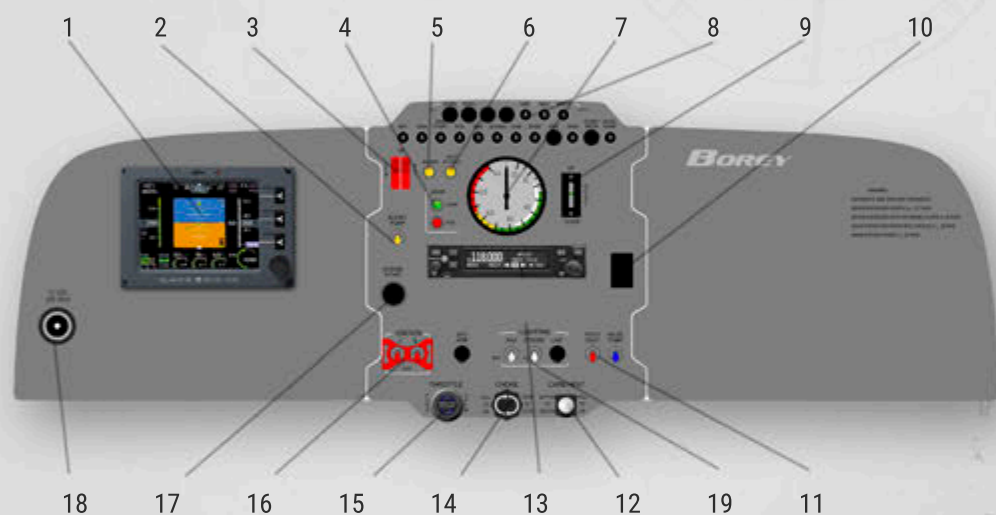




INSTRUMENT PANEL

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

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 |



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

OPTIONAL CONFIGURATION*

B1

G3X, GTR-200 or 20R
GTX 345 or 345R
(ADS-B in & out),
analog airspeed indicator.



B2

G3X, GTR-200 or 20R
GTX 345 or 345R
(ADS-B in & out),
G5,
Garmin 660/760



* equipment might change due to manufacturer, please contact your dealer for latest list of equipment

OTHER STANDARD EQUIPMENT

Backup Airspeed indicator 3 1/4"	Generator failure indicator	Cigarette lighter (1)	ELT 406 ready (Option)
Magnetic compass	Battery 16 A·h	Cockpit lighting	Elevator and flaperon gust locks
Fuel boost pump	Carburetor heating	Jacks for two headphones	Pitot probe cover
Electrical elevator trim tab with indicator	Maintenance documentation (English)	Pitot heat with failure indicator	Flight log (English)



AEROVOLGA



EQUIPMENT'S OPTION

OPTIONALS

18 kg	BRS	0 kg	TAWS; weather receiver
0.3 kg	The second cigarette lighter on the right	0.5 kg	Camcorder Garmin XXX for G3X
0.6 kg	Landing light	0.6 kg	Docking station for Garmin 660/760 on the right panel
1.1 kg	Electrical bilge pump (free)	0 kg	Interconnection of the auxiliary auxiliary audio (3.5 mm) on the headset through the intercom
3.1 kg	Cockpit heating	0.7 kg	Rotax 912S or Rotax 912 iSc
1.4 kg	Brakes for the right seat position	0.0 kg	Rotax 912 A/F
0.8 kg	GARMIN G-5, including magnetic compass (instead backup speed indicator)	2.8 kg	Aft cargo container
0.8 kg	2 Headrests	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)
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		

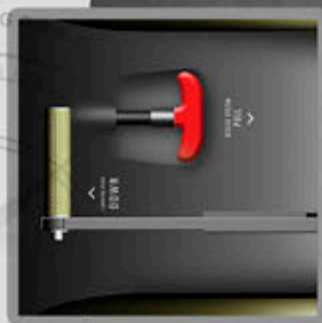
DX version of interiors (depending on certification)*

ADD. EQUIPMENT

- 2 oars/boat-hooks
- 2 life jackets
- Drag anchor
- Harbour anchor
- 2 headset with microphone
- Garmin 660/760+GDL XX
- 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



* All interiors
pictures are
related to
the optional
Borey LX version.

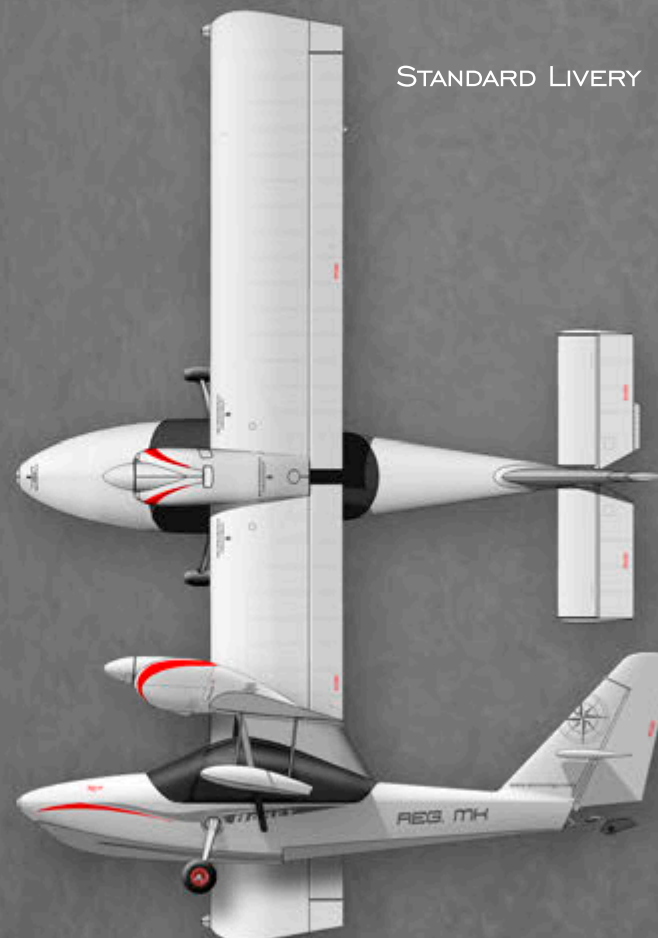
BOREY



BASIC



STANDARD LIVERY



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

CUSTOM LIVERY



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

OPTIONAL PAINTING



PROPELLER
SPINNER
RUDDER

BRIGHT RED | YELLOW | DEEP BLUE





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.

20K

MORE THAN
20.000KM

45

FORTYFIVE
DAYS

9

NINE
COUNTRIES

3

THREE
CONTINENTS

2

TWO
OCEANS

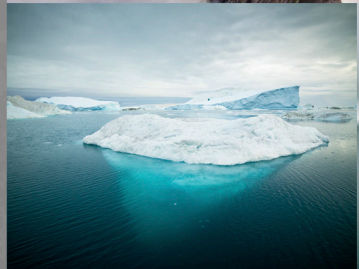
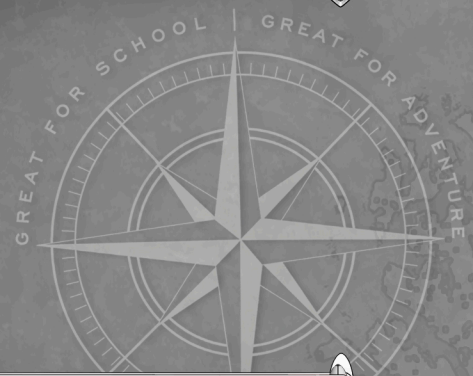
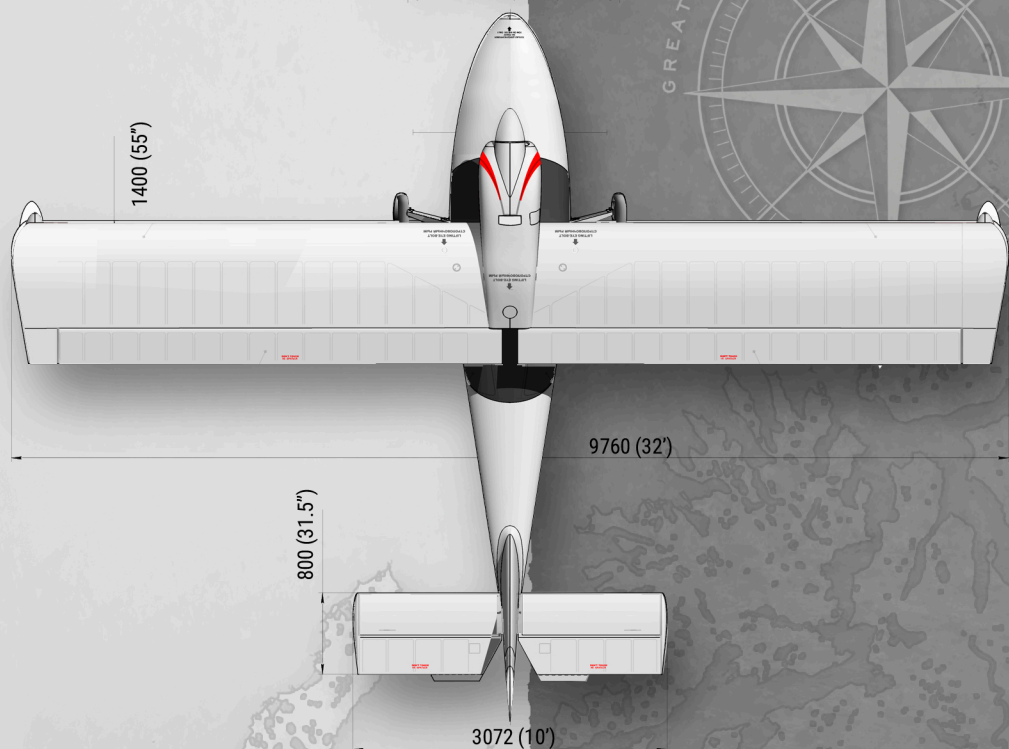
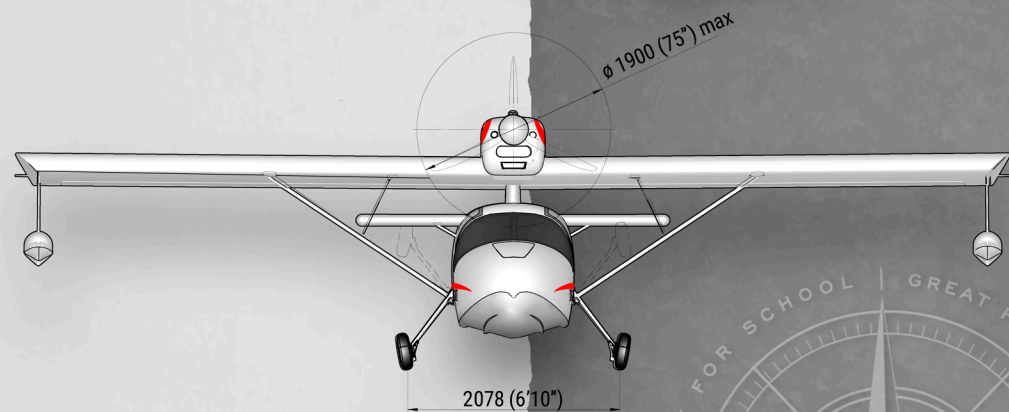


THE POLAR ROUND-THE-WORLD FLIGHT

AEROVOLGA



AIRCRAFT



BOREY

DESIGNED FOR WILDERNESS

MANUFACTURER



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www.aerovolga.com

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SEE DEALERS LIST ON AEROVOLGA WEBSITE



CLICK ON
THE FLAG
TO SEE THE
ADDRESS

