

Table of contents	17
Introduction	18
Boat design classification	19
Technical data	20
Abbreviations	21
Explanations	21
CIN-code	21
Mounting of oars and oarlocks	21
Storage for winter	22
Painting	22
Cleaning	22
Mooring	22
Repairs	22
Modifications	22
Floatation	22
Mounting of engines and accessories	22
Boat draining	23
Safety contact	23
Safety	23
Safety sign	23
Loading	24
Transportation on trailer	24
Manoeuvre ability	24
Environment	24
Corrosion	24
If you fall overboard	24
Waterline	25
Declaration of conformity	26-28
Warranty	29

Edition 2013:01

Page 18

Congratulations on your new Linder boat!

The owner's manual is based on the ISO 10240 standards.

This manual has been compiled to help you to operate your craft with safety and pleasure. It contains details of the craft, the equipment supplied or installed, its systems and information on its operation and maintenance. Please read it carefully and familiarize yourself with the craft before using it. The owner's manual is not a course in seamanship or boats safety.

If this is your first craft, or you are changing to a type of craft you are not familiar with, for your own comfort and safety, please ensure that you obtain handling and operating experience before "assuming command" of the craft. Your dealer or national sailing federation or yacht club will be pleased to advise you of local sea schools, or competent instructors.

It's up to the user to judge if the weather condition consists with the CE-mark and that he/she is able to maneuver the boat. It's the user's responsibility to adjust the speed and direction of the craft to the sea condition.

This owners manual is not a detailed service or repair manual. In case of mechanical trouble please contact your representative Linder Aluminiumboats dealer or contact Linder Aluminiumbåt AB directly. Always

use recommended workshop for maintenance, service and repair. Avoid modifications that affect the marine safety. Linder Aluminiumbåtar can not be hold responsible for modifications that not are written approval. Please notice that you need license or power of attorney to operate this boat in some countries, some countries has it's own regulations for boating.

Always keep your Linder Aluminiumboat in good condition, observe the wear due to the age and wrongly use. Every boat can be damaged if they are wrongly used no matter how durable the product is. That type of using is no good seamanship. Always adjust the speed and direction of the craft to sea conditions.

Always use approved lifejacket, in some counties are you obligated to use lifejacket. Before you start your trip we do recommend the crew to be well informed about the safety, such as man over board, risk of fire, personal injuries and towing.

Please keep this manual in a safe place, and hand it over to the new owner if you sell the craft. This manual has been translated into a language acceptable in the country where the boat is to be sold.

Page 19

Certificate of Type Approval

Linder Aluminiumbåtar AB produces according to a certificated quality management system in line with the Recreational Craft Directive module D. Linder 355 and 400 Sportsman are provided with CIN-code and are also security marked with micro dots (Securmark*). The Boats are approved according to Det Norske Veritas.

355 Sportsman are CE-marked according to boat category D. Sheltered waters: Craft designed for voyages in small lakes, rivers and canals, where conditions up to, and including, wind force 4 (beaufort scale) and significant wave heights up to, and including 0,5 m may be experienced. (The significant wave height is the mean height of the highest one-third of the waves, which approximately corresponds to the wave height estimated by an experienced observer. Some waves will be double this height.)

400 Sportsman are CE-marked according to boat category D. Sheltered waters: Craft designed for voyages in small lakes, rivers and canals, where conditions up to, and including, wind force 4 (beaufort scale) and significant wave heights up to, and including 0,5 m may be experienced. (The significant wave height is the mean height of the highest one-third of the waves, which approximately corresponds to the wave height estimated by an experienced observer. Some waves will be double this height.)

* Securmark is one of the best systems in Scandinavia for the security marking of boats. There are small microdots with an individual ID number hidden on several parts of the hull. www.securmark.no
All costs for the registration of the security marking are already paid by Linder. You have to register your boat by internet or fill in the form which comes with the boat.

Page 20

Technical Data	Sportsman 355	Sportsman 355
Length (LH):	355 cm (11.6 ft)	401 cm (13.2 ft)
Width (BH):	146 cm (4.8 ft)	164 cm (5.4 ft)
Weight:	84 kg (185 lb)	125 kg (276 lb)
Weight with max engineweight (mLCC):	130 kg (286 lb)	230 kg (506 lb)*
Max. engineweight:	42 kg (93 lb)	63 kg (140 lb)
Max. load cap (mMTL):	320 kg (705 lb)	420 kg (926 lb)
Max. total weight (mLDC):	450 kg (991 lb)	650 kg (1432 lb)
Max. weight with transport on trailer (mT): ...	200 kg (440 lb)	300 kg (661 lb)

Max. number persons:	3	4
Depth of hull:	54 cm (21.3 in)	63 cm (24.8 in)
Max. power:	5.9 kW (8 hp)	14.7 kW (20 hp)
Rec. power:	5.9 kW (8 hp)	7.4 kW (10 hp)
with steering console:		14.7 kW (20 hp)
Outboard length:	short	long
Hull thickness:	1.7 mm (0.067 in)	1.8 mm (0.071 in)

* Including steering console and 20 hp engine

Page 21

The following abbreviations are used to highlight important information.

(D) = Danger Means that a serious built in risk exists, with great probability of serious injury, if you are not careful enough.

(W) = Warning Means a risk that can lead to injury, if correct precaution is not observed.

(C) = Caution Means precaution must be exercised, or attention must be paid to the fact that unsuitable handling can cause personal injury or damage to the boat, damage to components or harm the environment.

Explanation of symbols to be found on the blue plate on the boat

Declares max. no
of persons

Declares max.
loading capacity
(person, luggage,
fuel and engine)

Declares max.
engine power

Identification number (CIN-code)

The boat has two identical numbers (14 digits) engraved in the hull. One is easily visible on the outside of transom stern on the starboard side, while the other one is well concealed in the boat.

Aluminum oars

Aluminum oars inclusive safety oarlocks is delivered with your new Linder Sportsman boat, they are attached to the boat inside the boat package.

355 Sportsman – 8 feet oars

400 Sportsman – 9 feet oars

A. Mounting of oars

Fit the rowlock with the centre of the pin as per the measurement below. When assembling the oarlocks, see to that one oar is assembled for the left side and one for the right, depending on the locking device.

B. Holder for oarblade

Wipe the stern fittings clean and dry. Remove the covering tape. Put in place and press downwards for a few seconds. Please note, lowest temperature when mounting +15 °C

Storage for winter

When keeping the boat on land, you should turn it upside down and make sure to provide adequate ventilation. Avoid covering the boat with tight closing plastic film or anything else of that kind. Make sure that you have bilge all the water from the boat before storage for winter, if not you have a risk of frost damage.

Painting

If you keeping the boat in water where marine growths occur on the hull or if you suspect that there is pollution in the water, the bottom can be cleaned and a coat of anti-fouling paint applied. (refer to the waterline drawing on page 25). A correct anti-fouling will protect you Linder Aluminiumboat from marine growths and possible damages due the pollutions from the water. Your nearest paint or boat dealer will provide you with all the information necessary for painting aluminium boats. Never use alkalicolours containing copper, lead or quicksilver. The combination with aluminium can cause galvanic reactions with corrosion as a consequence (C).

Cleaning

When cleaning, rinse with clean water and use a sponge. If necessary, a mild detergent can be used. A high pressure washer can also be used (protect the seat pads). The boat has in production been applied with a layer of Alu-Protect (paraffin oil) on the outside hull. The boat will oxidise. The material build its own natural protecting surface, an oxide layer, which is not recommendable to remove by polish.

Mooring

The boat is equipped with two mooring loops, one in the stern and one on the transom. Both are class 3 approved (C).

Repairs

Contact your dealer for advice for repairs that you can carry out by yourself. Larger repairs should preferably be carried out by professionals (C).

Modifications

If you want to make modifications to your boat please contact your dealer for advice, otherwise your safety and boat warranty could be affected (D).

Floatation

Foam buoyancy is located in the seat banks and the stern bulkhead and should not, under any circumstances, be removed! This will cause the boat to lose some important flotation (D).

Fitting a motor

Only CE-marked motors meeting the requirements of ISO11547 may be fitted. Engine mounting washers have been supplied with the boat, and these need to be utilised when fitting the engine. Rec. length of cables of control for 400 Sportsman is

Side mounted steering console, 6 ft, 1.83 m

Center mounted steering console, 9 ft, 2.75 m

Mounting accessories

When mounting extra equipment or accessories, only use stainless acidproof screws or aluminium for fixing. Copper, brass and other metals which are unsuitable to aluminium can cause galvanic corrosion (C). Pressurecreosoted wooden floor boards can cause corrosive damage to the boat (C). Do not use any treatment to the wooden floor board, which can affect the aluminium's integrity.

Boat draining

Use a bailer to drain your Linder Aluminium boat. You can also use “Länsman” or “Smartwave” to bilge your boat. (Both are available as accessories). Länsman is mounted in the mooring and Smartwave is hung over the gunwale so the float is in the water. After that the waves make the pump works automatically and bilge the boat. 400 Sportsman can be supplied with an automatic bilge pump. Available as an accessory.

Safety contact

Safety contact, which is placed on the control, must be used (D).

Safety

Be sure, before boating, that you have the required safety equipment onboard. For example anchor, rope, bailer/draw bucket (secured against accidental loss), bilge pump (for example Smart Wave Bilge Pump), oars etc. Avoid standing up and be sure to wear your life jacket (W)! Do not fill the petrol tank when the motor is running (W). Do not smoke when handling fuel (D). Read the operator’s handbook for the motor regarding correct handling with manuel start. The motor must always be supplied with a built in stop which makes the motor impossible to start when the shift is in gear.

Safety sign (W)

IMPORTANT! By not take the sign for consideration could cause capsizing. This boat has limited stability, and could by that capsizing and be waterlogged with careless handling. The user shall, for good floating make sure that passenger are in the right position. This sign warns for that. The boat will still be floating even if it’s waterlogged with the right approved number of people. Access by the aft deck shall only be used in unique situation due to the stability. This sign warns for that. The safety sign are placed on the inner transom and the aft deck, if some or all sign would be removed will a check pattern appear. In these cases please contact Linder Aluminiumboats.

Page 24

Loading (W)

Do not exceed the maximum loading capacity for this boat. Refer to the specification table in this manual or the manufacturer’s plate on the boat for the maximum load capacity of the boat. Distribute the load evenly in the boat to help counterbalance the weight of the outboard. Avoid a high placement of heavy items. Secure the load well. Never exceed the approved number of people in the boat. For your own comfort and safety, lower the speed in bad weather.

Transportation on trailer

Make sure that the center rollers on the trailer support all the weight on the keel of the boat. Adjust the side supporters to eliminate all movement of the boat. When trailing the boat, flexible twin support is recommendable. Do not use single roll as side support. Do not forget to secure the boat with appropriate straps. Make sure the boat is empty during transportation (C). If trailing the boat with the drivable spray cover assembled, approved speed is max 30 km/h (C). Note that the harbour cover is not for transport.

Manoeuvre ability

Do not equip or use an engine with higher power than is stated on the blue plate in the boat (W). Do not drive the boat at high speed in heavily trafficed waters or in weather conditions involving reduced sight or high seas. Breaking waves makes a high security risk. Respect and obey the speed restrictions and other traffic regulations. Watch the international searoute rules (COLREGS) and national sea instructions.

Environment

By filling up the fuel, avoid fuel waste. Driving motor causes discharge of exhaust which has a detrimental effect on the environment. Reduce speed and surges out of regard to people’s security and comfort. Your Linder is produced in recyclable material that you get paid for when the boat has made the last trip. The

material can be recycling time after time! The amount of aluminum is approx 90% of the boat weight. You don't have to disassemble the boat, just leave it to the recycle company.

Corrosion

Prevent metal items, iron, copper, brass or similar metals from remaining in contact with aluminium surfaces on the boat for more than necessary, as this will reduce levels of corrosion (C).

If you fall overboard

Use the ladder at the stern of the boat to climb back into the boat. NOTE! The engine must be shut down (D).

Page 25

Waterline

The waterline is marked with maximum weight of the engine (see technical data page 20)

Page 26

Declaration of Conformity

Recreational Craft directive 94/25/EG and 2003/44/EG

Name of manufacturer: Linder Aluminiumbåtar AB

Address: Kanotleden 5

Post Code: SE-362 32

Town: Tingsryd

Country: Sweden

Notified body: DNV (Det Norske Veritas)

Address: Veritasvein 1

Post Code: NO 1322

Town: Hövik

Country: Norway

ID Number: 0575

EG type-examination Certificate number

355 Sportsman: RCD-B-237

Date (yr/mo/day): 2007-01-30

EG type-examination Certificate number

400 Sportsman: RCD-B-197

Date (yr/mo/day): 2006-10-19

Conduct of certification: B+D

Description of craft

Craft Identification Number (CIN):

Brand name of the craft: Linder Type: Sportsman 400

Type: Sportsman 355

Type of craft:

sailboat x motorboat inflatable

other (specify):

Type of hull:

x monohull multihull

other (specify):

Construction material:

x aluminium, aluminium alloys

See the technical file

Used standard

Craft principal data
Craft identification
Builder's plate
Man over prevention
Owners manual
Hull construction and scantling, material
Hull construction and scantling, workshop
Hull construction and scantling, design, stress, determination
Stability and freeboard
Buoyancy and floatation
Bilge pumping system
Maximum load capacity
Anchoring, mooring and towing
Maximum propulsion power rating
Start in gear protection
400 Sportsman with steering console
Field vision from helm position
Electrical devices
Remote steering systems for outboard motors

Page 29

WARRANTY (To be filled in by the dealer)

Linder Aluminiumbåtar are covered by a 3 year warranty, concerning faults which can be attributed to production and/or defects in the material.

Your dealers stamp:
(To be used outside Sweden)

Buyers name:
Address:
The boats Id.no.:
Dealers Signature and date:

Dealer

Manufacturer
Linder Aluminiumbåtar AB
Kanotleden 5, SE-362 32 Tingsryd, Sweden
Tel. +46 477-190 00 Fax. +46 477-103 40
www.linder.se e-mail: info@linder.se