

Access Liberty Sailing Dinghy

Owner's Manual

Manufacturer:

Steve Sawford Marine

Registered by:

Access Dinghy Sailing Systems

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Introduction

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 fitted, its systems, and information on its operation and maintenance. Please read it carefully, and familiarise yourself with the craft before using it.

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 sailing schools or competent instructors.

Please keep this manual in a safe place, and hand it over to the new owner when you sell the craft.

Declaration of Conformity

Model:

Hull Identification No:

Sail No:

Design Category D: “Sheltered Waters”

Craft designed for voyages on small lakes, rivers or canals where conditions up to and including wind force 4 and significant wave heights up to and including 0.5mtr may be experienced.

Built by:
Steve Sawford Marine
 Lime Grove, 1 Main Street
 Loddington Northants NN14 1LA
 Telephone: 01536 330477
 Mobile: 01832 733540

Using the moulds, parts,
 and measurements
 authenticated by the:
Access Dinghy Sailing Systems

Ref:	Essential Safety Requirements	Standard or Documentation Used
2	General Requirements	
2.1	Hull Identification No (HIN)	ISO 10087.95 Small Craft Hull Identification Coding System
2.2	Builders Plate	Fitted to craft
2.3	Visibility from steering position	Manufacturers test
2.4	Owner’s Manual	Attached
3	Integrity and Structural Requirements	
3.1	Structure	In accordance with SSM Builders manual
3.2	Stability and freeboard	Tested by self righting Access Dinghies Sailing Systems
3.3	Buoyancy and flotation	Tested by Access Dinghies Sailing Systems
3.4	Manufacturers recommended load	KG: shown on builders plate
3.5	Towing	Method laid out in manual. Tested by Access Dinghies Sailing Systems
4	Handling Characteristics	
4.1	Joystick steering	Tested by Access Dinghies Sailing Systems

Signed:

Date:

Description of Craft The Access Liberty

Specification

Length	3.6 mtrs.
Beam	1.35 mtrs.
Draft	1mtr.
Weight	144 kg (including 72 kg in the keel). Maximum number of people: 1. Maximum weight of people 120 kg. Maximum weight of additional load 30 kg.
Sail Plan	Mainsail and free standing self tacking Jib.
Sail Area	Mainsail and jib total 7.35 sq mtr unbattened and reefable to .5 sq. mtr. Jib is full roller reefing.
Mast	Main Mast (unstayed 5.6 mtr. Incorporating reefing drum in foot). Jib Mast (unstayed Incorporating reefing drum in foot).
Hull	Positive buoyancy. Heavily rockered for easy manoeuvrability. Strong construction with solid bonded hull/deck joins. Seating design keeps helm weight low, plus weighted centre board makes the boat uncapsizable.
Seating	Fixed hard seat with adjustable thoracic supports designed to take cushions and padding to suit individual needs.
Controls	Steered by manual joystick. Mainsail is reefed and unreefed by a single hauling line. Jib is reefed and unreefed by a single hauling line. Mainsail and Jib controlled by manual mainsheets. Jib is self tacking.
Electric Controls	Servo-assist electric controls can be fitted to the Access Liberty. The servo-assist drives can be fitted to the helm and to the mainsheet. The drives are operated by a four way joystick mounted on a console that is strapped to the helm's chest. The controls are powered by two 12 volt rechargeable batteries. Charger is included. It is possible to customise electric controls by changing the type and positioning of the joystick or fitting servos to just the mainsheet or just the helm.

General

The boat has an engraved plate fitted to the starboard side of the cockpit, showing the manufacturer, boat design category, maximum person capacity, maximum additional load and the CE Mark.

The parameters shown on this plate should not be exceeded.

Steering is by a manual joystick located between the helm's legs, moving it to the left to go left and to the right to go right.

The sail area can be reduced or increased whilst under way using a reef furling system operated by hauling on a single continuous line. (For further information on reefing see: Page 11 of Section 2 (Operating and Safety Section) of this manual.)

Maintenance

It is recommended that the boat is covered when not in use to prevent UV and other weather damage. A specially designed keel-up cover is available from Steve Sawford Marine for this purpose.

If sails are to be left furled on the boat when not in use it is recommended that these are covered using a protective sail sock to prevent UV and other weather damage. These are available from Steve Sawford Marine.

Do not let water remain in the boat when not in use. This can accelerate the deterioration of running rigging, finishes and electrics where applicable.

Winter Storage: Remove electrics, remove sails and fully cover the boat.

Repairs

Contact Steve Sawford Marine, who will provide the best advice, along with adapted parts or materials for the repairs you can carry out yourselves. Major repairs should preferably be carried out by professionals. Steve Sawford Marine will be able to carry out these repairs if required.

Safety Recommendations

Access Dinghies are designed with a hull form and other features which combine to give considerable stability. There is a simple set of rules which we must follow to continue our excellent safety record and prevent any accidents. The stability of the Access Dinghies are reliant upon the following factors.

Centreboards

It is most important that the keel be fully down when sailing. The hole one third down the keel is there purely to facilitate sailing off a beach, and under no circumstances should people with disabilities be allowed to sail around with the keel held in this position. There is provision to lock the keel fully down so as even in a “knock down” it remains in place. This locking pin must be in the locked position at all times that the boat is sailed by people with disabilities.

Seating

Because the placement of sailor’s weight affects stability it is important that people remain seated low in the boat. If a sailor needs support from strapping, use only quick release velcro straps to hold the sailor in place. In no circumstances should any other strap fixings be used.

Reefing

Being a displacement type hull extra sail area in strong winds does not mean more speed, all it does is push the bow too far into the water and make it more difficult to handle. In a breeze it is therefore recommended always to reef to suit the stronger gusts.

Towing

If an Access dinghy needs to be towed on the water by another boat, it is safer and easier to tie the dinghy close along side and remove the rudder blade so that it cannot be “steered” in the wrong direction.

Transferring

A pontoon system which enables safe, keel down transfer of sailors to and from the dinghy is available. Using this avoids off the beach keel handling and transferring problems. It ensures that keels remain down throughout transferring.

Discriminatory Keel and Reefing Adjustments

For safety reasons people with disabilities need the keel down and because many are unable to raise and lower the keel to improve sailing performance and also unable to adjust the size of the sail by reefing, it is discriminatory to allow anyone to make these adjustments during a race.

Further general safety precautions are laid out on page 21 of the Operations and Safety Manual Section of this manual. Please read these before using your Access Liberty.

Guarantee

If you need any help to resolve any problems with the boat, contact:

Steve Sawford Marine

Lime Grove
1 Main Street
Loddington
Northants
NN14 1LA
Tel: 01536 330477
01832 733540

Terms of Guarantee

- 1 This guarantee is valid for a period of 12 months from the date of purchase from Steve Sawford Marine.
- 2 If any part or parts of the boat, including the rigging and fittings, is proved to be defective by reason of faulty design, workmanship or materials, we undertake to repair or replace the same free of charge, upon the following conditions:
- 3
 - (a) This guarantee applies only to the original boat and fittings, and not to any subsequent alterations, repairs or renewals.
 - (b) That, if at any time during the guarantee period, any parts are altered or repaired by any person not authorised by us, then this guarantee will immediately cease and become void concerning that part, or any other part affected by the work.
 - (c) That our decision on all questions relating to any defect shall be conclusive.
 - (d) That any part which has been replaced shall become our property.
 - (e) This guarantee specifically excludes damage resulting from external impact.

None of the terms of this guarantee effect your statutory rights.

Name:

Address:

Owner of Access Dinghy

Sail No:

HIN No:

is covered by the guarantee conditions displayed (above) in this Owner's Manual, delivered with this craft.

This guarantee begins (date)

Signature for Steve Sawford Marine

Change of Ownership

Please ensure this Owner's Manual is handed to the new owner as it contains safety information that is of great importance to the new owner and is essential to compliance with the EU Recreational Craft Directive.

The Access Dinghy Sailing Association is hoping to keep a continuous register of all Access Dinghies. Your boat has been registered with them under your name and address. In order to enable us to keep this register up to date it would be very helpful if you could inform us of any change of ownership.

The form below is provided for you to photocopy and use to give us this information if you sell the boat.

**Please photocopy or copy:
Do not cut this form out of the manual.**

Change of Ownership Form

Model:

Sail No:

Hull Identification No:

New Owner:

Name:

Address

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Phone No:

Please send completed copy of this form to:

Steve Sawford Marine
Lime Grove, 1 Main Street
Loddington,
Northants,
NN14 1LA