

The logo for ANADROME, featuring the word in a bold, sans-serif font with a horizontal line underneath.

# Sprite II

Marine targets



The Sprite II system is a flexible concept, based on the conversion of commercially available Rigid Hull Inflatable Boat (RHIB) vessels with an approximate length of between 4.2 and 7.5 metres.

The Sprite II system can be supplied as a fully working, turnkey system, or as a kit to convert a user's existing vessel of these sizes to remote control. The Sprite II system has been designed to allow operation of the selected vessel by either an onboard crew or by remote control.

Petrol (gasoline) powered outboard engines are generally used. They are selected to suit the size of the hull to which they will be fitted in order to meet the desired performance. As an example, the smallest vessel offered is fitted with a single 40HP engine, which provides a typical maximum speed in excess of 30 knots, whilst a 7.5 metre-long vessel will generally be fitted with one or two outboard engines, providing a total power output of approximately 160HP.

If required, multi-fuel outboard engines may be fitted.

Typically, these engines are able to operate on F44 (JP5), F67 (petrol) or F76 (NATO diesel) fuels. Vessels of over six metres in length may be fitted with a diesel-powered inboard engine and out-drive unit.

All sizes of Sprite II are able to tow our L-CATT towed surface target for surface-to-surface gunnery practice or as a target for air-to-air bombing and strafing training. Larger sizes of Sprite II may optionally be fitted with an electric winch that contains 500 metres of tow line to facilitate deployment and recovery of the towed target.

## Key features

- Uses commercially available RHIB vessels with proven performance and reliability
- Operates beyond visual range to provide realistic FIAC representative attack profiles and defence training
- Simple multi-vessel operation through a lightweight, self-contained control station
- Different hull and engine sizes to suit a variety of user needs and mission profiles
- Available as a turnkey system or as a kit to convert a user's existing vessels to remote control
- Supports the L-CATT towed surface target for gunnery training and bombing/strafing practice
- Larger sizes may optionally be fitted with an electric winch and 500 metres of towline for towed target deployment and recovery by remote control

## Specifications

### Physical characteristics

Hull type	Rigid Hull Inflatable Boat (RHIB)
Length, overall	4.2 metres to 7.5 metres (13ft 9in to 24ft 7in)
Width, overall	1.9 to 2.8 metres (6ft 3in to 9ft 2in)
Compartments	4, 5, or 7
Max. engine size	50 to 160 brake horse power
Motor shaft length	Long shaft (where an outboard engine is used)

### Engine(s)

Type	Two-stroke or four-stroke, petrol outboard motor. Multi/heavy fuel outboard motors. Heavy fuel or petrol inboard unit with outdrive leg
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### Performance

Max. speed	>30 knots to 40 knots
Max. sea conditions	Sea state five
Endurance at 30 knots	>1 hour to >10 hours (dependent on configuration)
Radius of operation	6km to 20km (3.24 Nm to 10.8 Nm) (RF line of sight)

Note: Due to continuous process improvement, specifications are subject to change without notice.

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