

# PLEASE OPEN CAREFULLY - INSTRUCTIONS OVERLEAF

24 feet wide.

13 inches and maximum speed of about 25 knots. It weighs nearly 4 tons and is 30 feet long and The SR-N1 is powered by a 450 h.p. Alvis Leonides engine, giving a normal hovering height of also be rather different in appearance and will travel faster and have a somewhat greater hovering height. Future Hovercraft are likely to be larger and will have space for passengers and freight. They will

power has been employed on some 'flights', ahead of schedule, and during its trials various modifications have been incorporated, and jet turbine equipped soldiers. The craft was designed and manufactured in under eight months, nearly two months machine with space for the pilot and his observer, although on demonstration it has carried 20 fully The SR-N1 was built to prove the Hovercraft principle and is therefore only an experimental June, 1959.

ment to administer the project and Hovercraft Development Limited took delivery of the SR-N1 in 1959, Hovercraft Development Limited was formed as a subsidiary of the National Research Develop- of Hovercraft and awarded a contract to Saunders-Roe Ltd. for the building of the SR-N1. In January, Saunders-Roe Ltd. In 1958 the National Research Development Corporation took over sponsorship in 1957 the Ministry of Supply sponsored a programme of assessment and research carried out by worked continuously on the project since 1953. Early experiments were made as a private venture and The lift principle of Hovercraft was discovered and developed by Mr. C. S. Cockerell, who has

can maintain its height without forward speed. waves and surface irregularities on land. Unlike an aircraft, the Hovercraft is not fitted with wings and that of other craft. It is supported on a cushion of air and operates at heights just sufficient to clear The Hovercraft is a new type of vehicle that employs a lift principle fundamentally different from

## THE H.D.L. HOVERCRAFT SR-N1

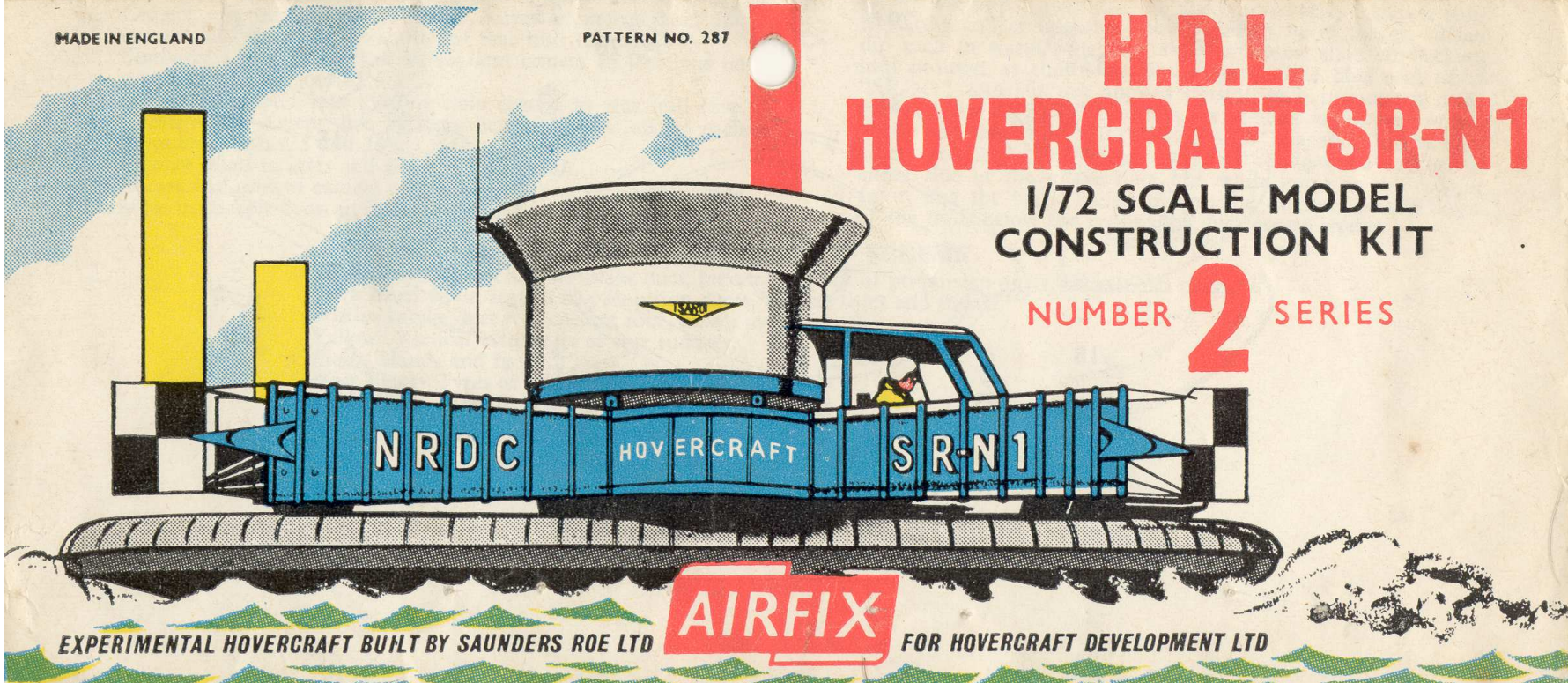
MADE IN ENGLAND

PATTERN NO. 287

# H.D.L. HOVERCRAFT SR-N1

## 1/72 SCALE MODEL CONSTRUCTION KIT

### NUMBER 2 SERIES



EXPERIMENTAL HOVERCRAFT BUILT BY SAUNDERS ROE LTD

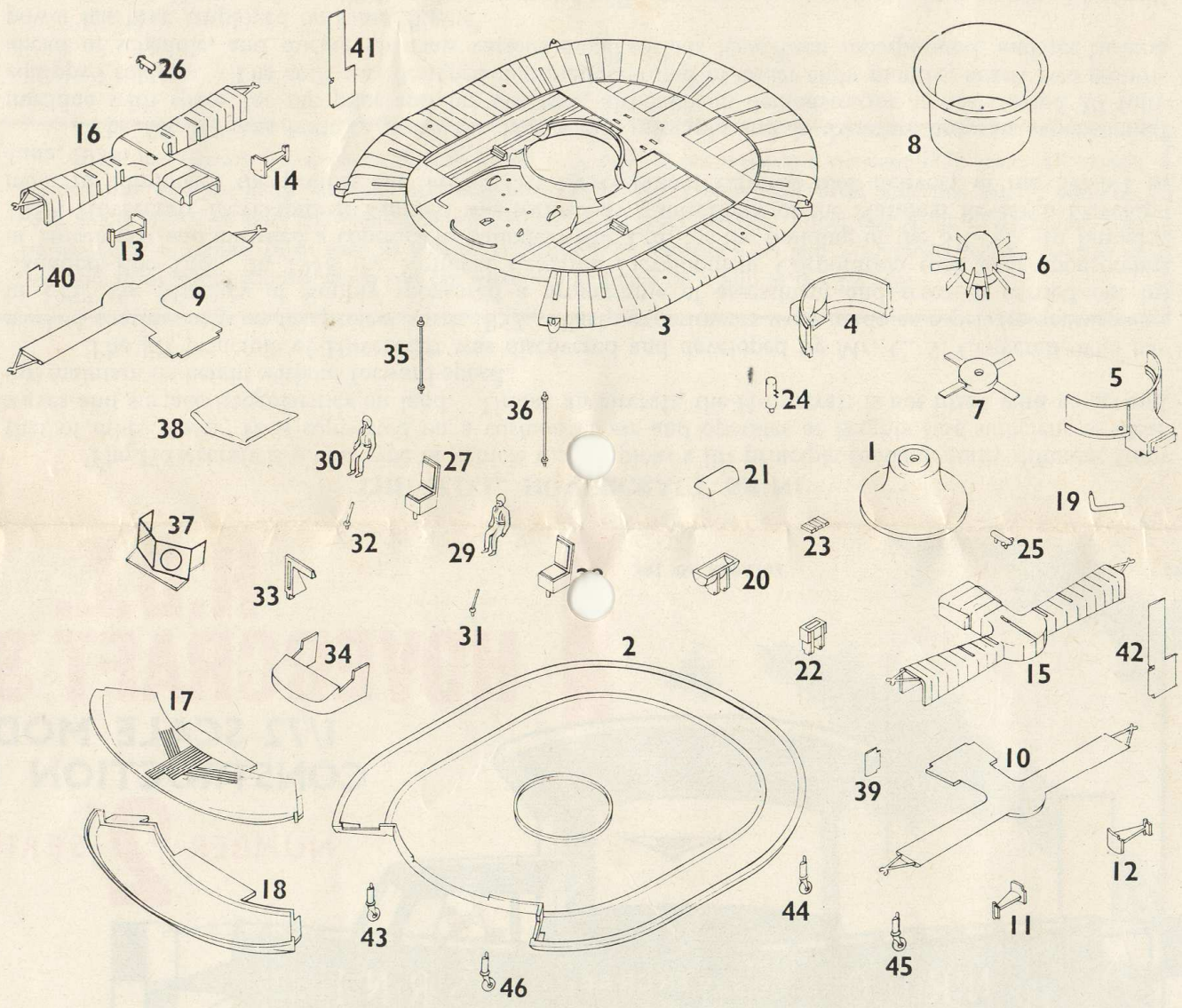
# AIRFIX

FOR HOVERCRAFT DEVELOPMENT LTD



All Airfix Aircraft Construction Kits in Series 1, 2, 3, 4, 5, are made to a constant 1/72 scale. All models are designed with the same skill and attention to detail so that a large and varied collection can be built up. Each model is true to scale and realistic in relationship to all other models. Other fine Airfix Construction Kits are available in various series such as Historical Ships, 1/32 Vintage Cars and 1/12 model figures. A list of the many other Airfix Models which you can make will be found on a Slip in this package.







## THE H.D.L. HOVERCRAFT SR-N1

### INSTRUCTIONS

It is recommended that the instructions and exploded view are studied before commencing assembly. Such parts as propulsion ducts and gate valves are best painted before assembly.

1. Locate and cement fan base to ring on lower hull section (1 and 2).
2. Locate and cement upper hull section on to lower (3).
3. Cement the two intake duct sides together, apply cement to the bottom of the sides and press into position inside raised locating ring on upper hull (4 and 5).
4. Insert central pin of scraper ring through fan, and cement pin into hole in fan base (6 and 7).
5. Cement top of intake duct on to locating ring on duct sides (8).
6. Locate and cement lower halves of propulsion ducts to hull, by means of the pins on each duct section and the holes on the hull top (9 and 10).
7. Locate and cement gate valves into their locating slots in the upper propulsion duct sections (11-16).
8. Cement upper propulsion duct sections in place on lower sections.
9. Locate and cement together upper and lower bow halves, then cement tabs of bows into locating slots in hull front (17 and 18).
10. Locate and cement exhaust pipe to hole in intake duct side (19).
11. Cement together upper and lower halves of petrol tank, and cement into locations on starboard rear hull (20 and 21).
12. Similarly assemble oil tank halves and cement to locations on port rear hull (22 and 23).
13. Cement oil cooler into locating hole central in rear hull (24).
14. Locate and cement fire extinguishers to holes above each propulsion duct (25 and 26).
15. Cement pilots to seats and allow to set (27-30).
16. Locate and cement control columns to the two forward locating holes in cockpit floor on hull (31 and 32).
17. Cement seats, with pilots, into second pair of locations.
18. Cement tab of instrument consul into central slot of floor (33).
19. Now cement cockpit front in place over locating rib (34).
20. Cement the cabin struts into the two rearmost holes of floor (35 and 36).
21. Locate and cement transparent windscreen on cockpit front, applying cement carefully to edges of screen (37).
22. Locate and cement roof in position on cabin struts and top of windscreen (38).
23. Apply checkerboard transfers to front and rear rudders, note that the wide transfers are for the lower rear rudders. Allow the transfers to dry and then trim off any excess before cementing rudders in place on brackets projecting at each end of propulsion ducts (39-42).
24. Press the locating pins of beaching gear into holes beneath upper hull, do not cement (43-46).
25. Apply transfers. First cut the sheet into twelve separate subjects (the rudder transfers should already be in place). Then dip each in warm water for a few minutes, slide off backing into position as shown on illustration. The blue and white "SR-N1" transfers are applied outside each propulsion duct, forward, the "NRDC" transfers are applied to the rear of the ducts, and the white "HOVERCRAFT" transfers to the duct centre sections. The winged "SARO" badges are applied to either side of the intake duct, the white name to the cockpit front, and the black registration to the extreme outside edges of the hull, below the propulsion duct centre section.

NOTE:—If it is wished to paint the model it should be done at this stage, using colour scheme given below.

### SUGGESTED COLOUR SCHEME

**Silver:** Hull, lower half of intake duct, inboard sections of propulsion ducts, all external tanks.

**Dark Blue:** Main section of propulsion ducts, cockpit front and struts.

**White:** Intake duct top, cockpit roof, crew's overalls.

**Yellow:** Vertical extensions of rear rudders.

**Flesh:** Hands and faces of crew.

**Matt Black:** Tyres of beaching chassis, exhaust pipe.

**Gold:** Fire extinguishers.

**N.B.—FOR PAINTING USE "AIRFIX" PAINTS.  
FOR FIXING USE "AIRFIX" POLYSTYRENE CEMENT.**