



XD145

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**AIRFIX-72 SCALE**

**S.R.53**

07180  
\$ 2000

## SAUNDERS-ROE S.R. 53

The S.-R. 53 research fighter, first flown in May, 1957, is the first British manned aircraft to use the mixed-power formula, employing a rocket motor as its main power plant.

Although mainly an interim development aircraft, the S.-R. 53 has an outstanding performance, the rocket motor giving a phenomenal rate of climb to stratospheric heights. In addition to giving a great rate of climb and high ceiling, the combination of jet and rocket gives it better acceleration and manoeuvrability than orthodox aircraft, coupled with a shorter than normal take-off and landing.

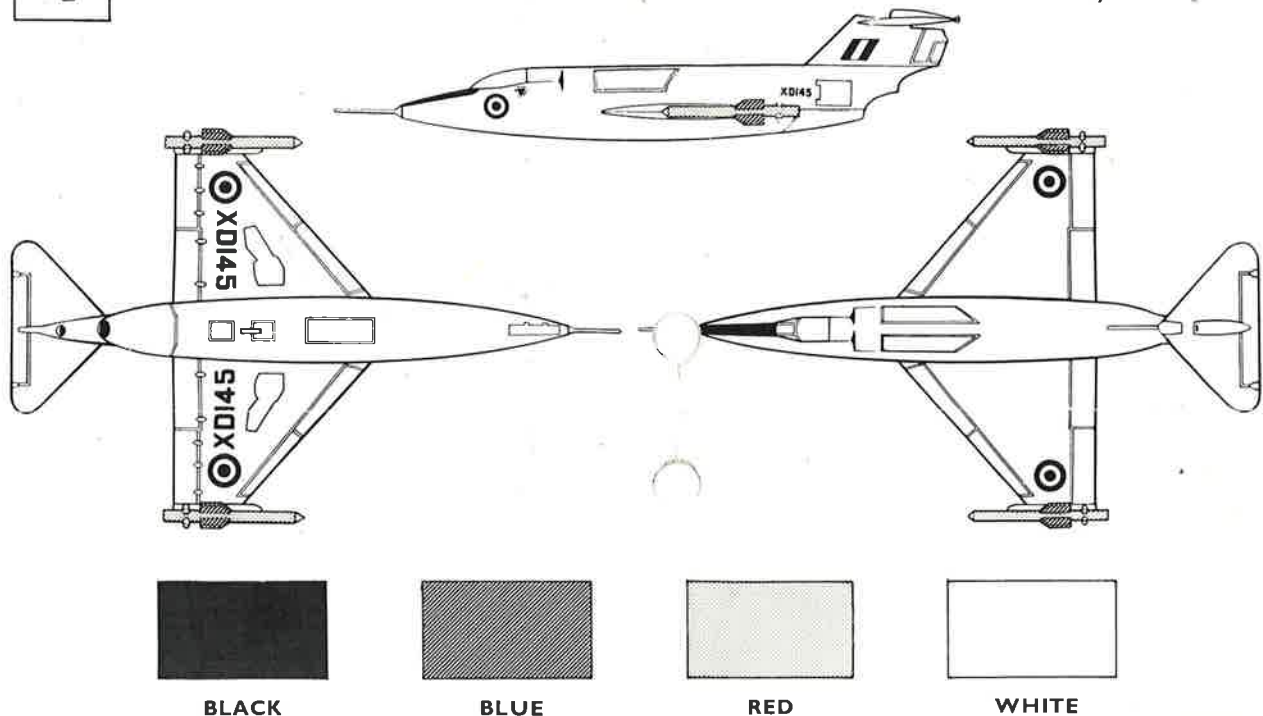
The S.-R. 53 is designed to be armed with two "Firestreak" infra-red homing missiles, one at each wing tip. It is powered by a de Havilland Spectre rocket engine and an Armstrong Siddeley Viper turbo-jet. Performance figures are unreleased.

Wing span 25 ft. 1 $\frac{1}{4}$  in. Length 45 ft.

**PLEASE OPEN CAREFULLY—INSTRUCTIONS OVERLEAF**

## 4

## COLOUR SCHEME



18. Apply transfers. First cut the sheet into fifteen separate subjects. Then dip each in warm water for a few minutes, slide off backing into position as indicated in illustration. The larger roundels are applied above and below each wing tip, and the smaller to either side of the nose, below the cockpit. The large serial numbers are applied to the underside of the wings, behind the undercarriage, the port wing reading from the front and the starboard from the rear. The small serials are applied to the rear fuselage sides, in front of the air brakes. The red, white

and blue flashes are applied to the fin, the ejector seat warning triangles to the fuselage sides below the cockpit. The aircraft name is applied to the transparent base.

19. Cement together both parts of stand.

20. Cement arm of stand into slot provided in fuselage.

**WHITE G3** Complete aircraft.

**RED G1** Bodies of "Firebreak" rocket missiles.

**BLUE G6** Fins of missiles.

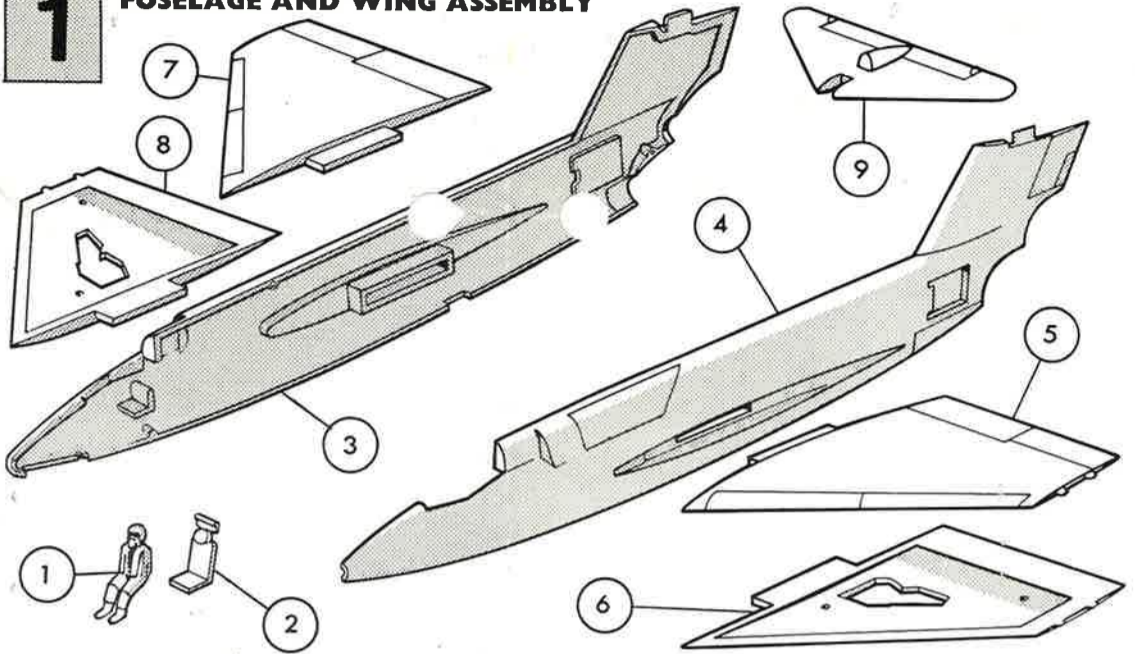
**BLACK M6** Tyres, anti-glare panel above front fuselage, forward of cockpit.

### SAUNDERS-ROE S-R 53.

#### INSTRUCTIONS

N.B. FOR PAINTING USE "AIRFIX" PAINTS, FOR FIXING USE "AIRFIX" POLYSTYRENE CEMENT PAINT ALL DETAILS AND LET DRY BEFORE ASSEMBLING (SEE SECTION 4)

#### 1 FUSELAGE AND WING ASSEMBLY

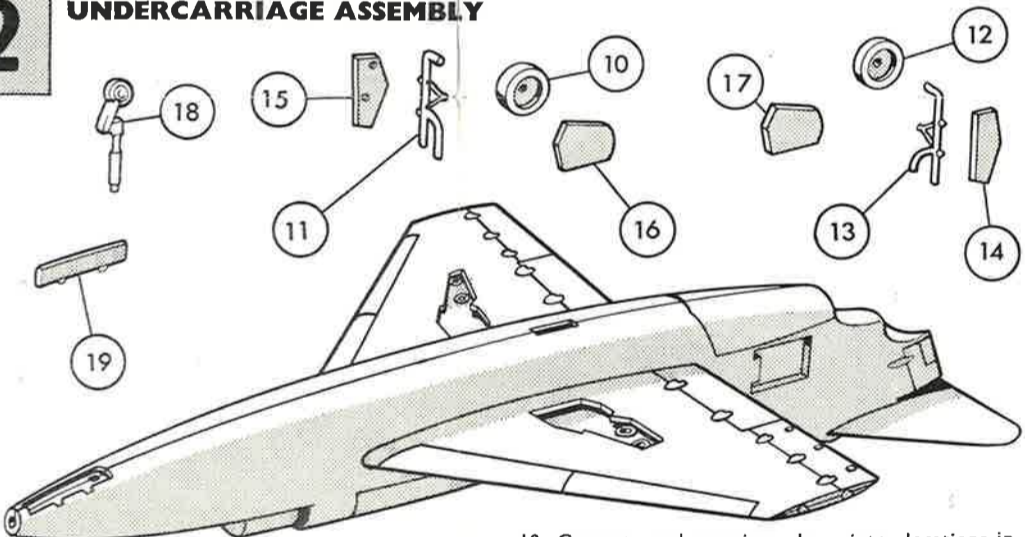


It is recommended that the instructions and exploded view etc. are studied before assembly. If it is wished to paint internal details such as pilot and cockpit interior this should be done before assembly.

1. Cement pilot (1) onto ejector seat (2) (after first painting if required).
2. Locate and cement seat into location provided in starboard fuselage half (3).

3. Cement starboard fuselage half to port fuselage half (4) (allow to dry).
4. Cement together upper and lower halves of port and starboard wings (5-8).
5. When wings are dry cement into locations in fuselage sides by applying cement within locating recesses.
6. Locate and cement tailplane (9) to top of fin. The desired undercarriage position should now be chosen, for a model with lowered undercarriage.

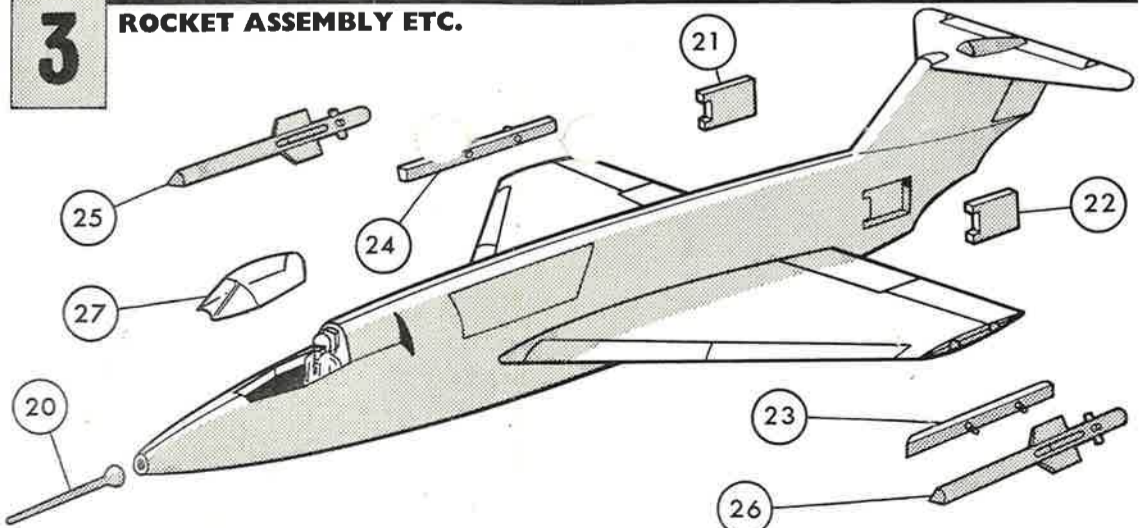
#### 2 UNDERCARRIAGE ASSEMBLY



7. Cement wheels (10, 12) to axles of undercarriage legs (11, 13).
8. Locate and cement outer undercarriage doors (14, 15) to legs (after first ensuring their correct position).
9. Position wheel doors (16, 17) inboard of wheel wells and cement.

10. Cement undercarriage legs into locations in wheel wells.
11. Locate and cement nose wheel (18) into location beneath front of fuselage.
12. Cement locating pins on nose undercarriage door (19) to cut-outs in side of nose wheel recess. For a model with undercarriage raised, omit wheels and legs and cement all doors in closed position.

#### 3 ROCKET ASSEMBLY ETC.



13. Cement nose probe (20) into nose.
14. Locate and cement air brakes (21, 22) to rear fuselage, either in the open or closed position.
15. Cement rocket carriers (23, 24) to wing tip pegs.
16. When dry cement rocket missiles (25, 26) to carriers by

- means of locating pins on carriers.
17. Cement cockpit canopy transparency (27) in position, applying cement carefully to edges of canopy.
- NOTE:** If it is wished to paint the model it should be done at this stage.