

PILOTS NOTES

Supermarine Spitfire Mk. VIII

DECLASSIFIED



Nº GENERAL OPERATING DATA

- I. Prepare 3D parts by carefully removing from supports using sharp clippers/nippers. Check instruction video on www.airscale.co.uk if it's your first time.
- II. Prime metal parts with a thin coat of metal primer.
- III. Use backplate parts as templates to cut clear glass from acetate or use clear varnish to glaze.
- IV. Remove PE parts using a sharp blade on a tile or glass and file away the tags. Turn the part over to see clearly where the tags are.
- V. Paint backplate parts gloss-black to accept decals.
- VI. Cut out decals one at a time, soak and apply to backplates ensuring alignment to edges. Also use front panel parts to check alignment.
- VII. Paint and detail paint front panel parts before assembly.
- VIII. Assemble a sandwich of backplate part, glazing and front panel parts. Ensure holes align.
- IX. Carefully apply thin glue (PVA or CA) to edges (at points away from instrument apertures to avoid visible marks).
- X. Add assembled sub-panels by lining up holes and pins on both parts.
- XI. Add switches / knobs etc from plastic rod inserted into holes. Clear blocked holes with a heated pin.
- XII. Fix completed panel onto kit part at appropriate time in your kit assembly.
- XIII. Once painted gently wire wool edges / raised detail to get weathered metal effects

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model aircraft enhancements

Cockpit Upgrade

Aircraft: Supermarine Spitfire Mk. VIII

Scale: 1/24

Product: PE24 VIII



Cockpit Upgrade for the Airfix kit

Highly detailed Nickel Silver Instrument Panel, Seat bulkhead, Seat frames, Landing Gear Quadrant and other cockpit parts
Full Colour one-piece decals. High fidelity replacement for kit parts.

Nº1 MAIN INSTRUMENT PANEL CONSTRUCTION

- I. All panels should be painted & detailed before construction starts
- II. Use parts 1, 4 & 9 as templates to cut a clear acetate copy of Instrument panel areas. This can be trimmed to just where instrument glass is needed
- III. Add part 3 to part 2 (the main panel). Add decal 4 to part 4 and laminate with acetate and part 5. Attach this assembly to the main panel.
- IV. Add 3D printed parts A to E in the marked places with the corresponding letter on the main panel part 2. (Spare parts provided)
- V. Add the main instrument panel decal 1 to backplate part 1 and add the acetate to represent glass then laminate with the main panel
- VI. Add part 8 to the BACK of part 9. Add decal 3 to the front of part 9. Ensure alignment and add a laminate of acetate and part 7.
- VII. Add the Blind Flying panel assembly to the main kit panel using the locating holes in part 2 and the tags on the back of part 8.
- VIII. Add instrument panel assembly to kit part P5 (remove all detail)
- IX. Bend part 10 and add to the outside of the kit compass (D57) Add decal 10 to the kit Compass.
- X. Laminate both part 12's and add lever part 11 through the slot. Add to the right of the compass (Fuel Control - check references for location)
- XI. Put part 19 on a mouse mat face up and roll a paint pot or similar to impart curvature - add this to the inner flange opening of kit IP bulkhead part D19.

Nº2 SEAT BULKHEAD AND SEAT

- I. Add part 22 to the front of kit seat bulkhead kit part D11. Remove any detail to assure fit. Add both parts 23 to the raised areas of the same shape on part 22. Important - make sure the slots in the fuselage sides are widened to allow for the extra thickness and you can close the fuselage properly.
- II. If required, add Armour Plate (part 24) to part 22 using the lug at the top and the two holes in part 22 that match the lug shapes at the bottom of the armour plate.
- III. Bend parts 25 into an 'L' shape and add to the armour plate at each pair of holes. A tube should be added between these for the harness.
- IV. To enhance the seat frame add part 20 to kit part D2 and part 21 to kit part D1.

Nº3 LEFT SIDEWALL

- I. Add part 18 to the corresponding bulkhead frame on sidewall kit part D17
- II. If using Throttle kit part D60, add part 13 to the control.
- III. Add decals 19, 20 & 21 as illustrated

Nº4 RIGHT SIDEWALL

- I. Add part 18 to the corresponding bulkhead frame on sidewall kit part D18
- II. Remove detail from front of Undercarriage Control kit part D34
- III. Add part 16 to the back of Undercarriage Control kit part D34, use the locating tab to guide placement.
- IV. Add part 17 to front of kit part D34 - maintain horizontal alignment the part has on the fret.
- V. Add part 15 to kit part D34 and the rivet strip to the raised area on part 15
- VI. Roll to shape part 14 and add to kit part D34.
- VII. Add decals 12, 13, 14, 15 & 18 as illustrated.
- VIII. Add rudder-pedal treads (parts 26) to kit pedals kit parts D29.

Nº5 SLIDING HOOD

- I. Bend bracket half of part 27 to 90 degrees and add Canopy latch
- II. Add canopy latch assembly to kit part 22 or X15

