AIRFIX CONSTRUCTION KIT

1/72 SCALE MODEL CONSTRUCTION KIT

ARADO Ar 196 A-3

The Ar 196 was the most successful seaplane used by Germany during the Second World War and was the standard catapult seaplane of the German Navy as well as being operated from coastal bases.

The primary duty of the Arado 196 was coastal reconnaissance and patrol although as the war progresses, it was employed in the anti-submarine and convoy escort roles and even for attacking the Whitleys of R.A.F. Coastal Command.

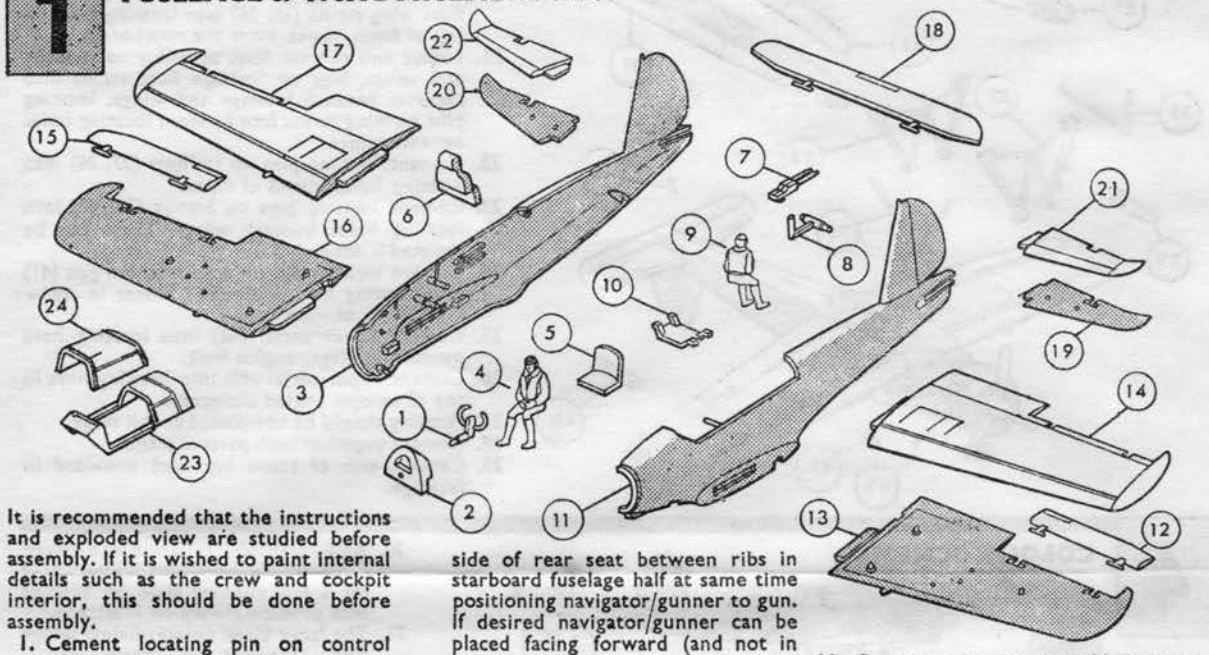
First introduced in 1940, the Ar 196 A-3 replaced the earlier A-1 which had been used on the ill fated Graf Spee; the A-3 featured improved radio equipment and greatly increased armament Between 1940 and 1944, almost 500 Arado Ar 196 A-3's and the almost identical A-5 were produced, most of them by Arado in Germany although some were produced in France by S.N.C.A. at St. Nazaire and others by Fokker in the Netherlands.

Armament of the A-3 consisted of two 20 mm cannons mounted in the wing, a single fixed 7.9 mm machine gun in the forward fuselage and two 7.9 mm machine guns on a flexible mount in the rear cockpit; two 110 lb bombs could be carried. Power was provided by a 900 h.p. BMW radial engine giving a maximum speed of 195 m.p.h. at a cruising range of 670 miles. Wing span was 40 ft. 10½ ins. and length 36 ft. 1 in.

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)

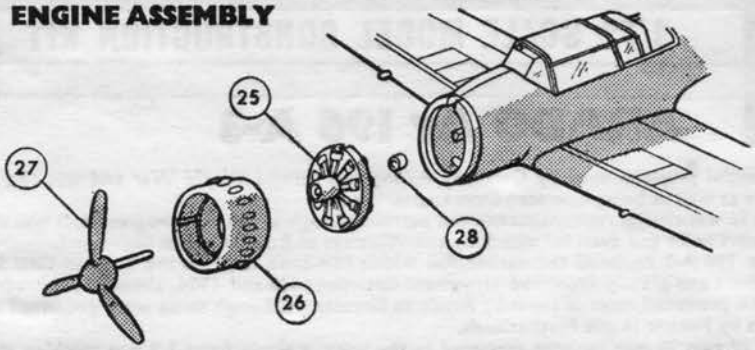
1 FUSELAGE & WING ASSEMBLY ETC.



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

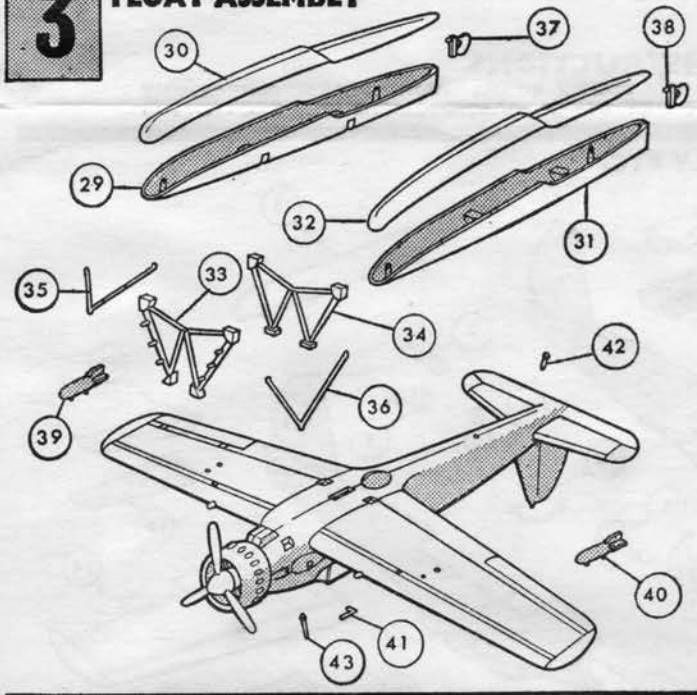
1. Cement locating pin on control column (1) into locating hole in front of control panel (2).
2. Locate and cement control panel against rib in starboard fuselage half (3).
3. Cement pilot (4) to seat (5) then cement seat onto forward and against rear locating pins in starboard fuselage half.
4. Locate and cement bulkhead (6) behind rib and over rear locating pin behind front seat in starboard fuselage half.
5. Cement rear machine gun (7) onto gun mounting (8) then press DO NOT CEMENT pivot pin on one side of mounting into locating hole in bush in starboard fuselage half.
6. Cement navigator/gunner (9) to rear seat (10) then cement lugs on one side of rear seat between ribs in starboard fuselage half at same time positioning navigator/gunner to gun. If desired navigator/gunner can be placed facing forward (and not in firing position) the seat being positioned accordingly.
7. Cement port fuselage half (11) to starboard at same time locating, DO NOT CEMENT, pivot pin on gun mounting into corresponding hole in bush and cementing control panel, front seat, bulkhead and lugs on rear seat to corresponding locations in port fuselage half.
8. Lay hinges on port aileron (12) into hinge recesses in lower port wing half (13) DO NOT CEMENT.
9. Cement upper port wing half (14) to lower ENSURE NO CEMENT CONTACTS MOVING AILERON HINGES.
10. Similarly assemble aileron (15) lower starboard wing half (16) upper starboard wing half (17).
11. Cement tabs on assembled wings into slots in wing roots in fuselage sides.
12. Lay hinges on elevator (18) into hinge recesses in lower port and starboard tailplane halves (19, 20). DO NOT CEMENT, then cement upper port and starboard tailplane halves (21, 22) to lower, apply cement to slot in rear of fuselage and slide tabs on tailplanes into slot, ENSURE NO CEMENT CONTACTS ELEVATOR HINGES.
13. Locate and cement cockpit canopy transparency (23) to top of fuselage applying cement carefully to edges of canopy.
14. Similarly cement sliding canopy roof transparency (24) in open or closed position, as desired.

2 ENGINE ASSEMBLY



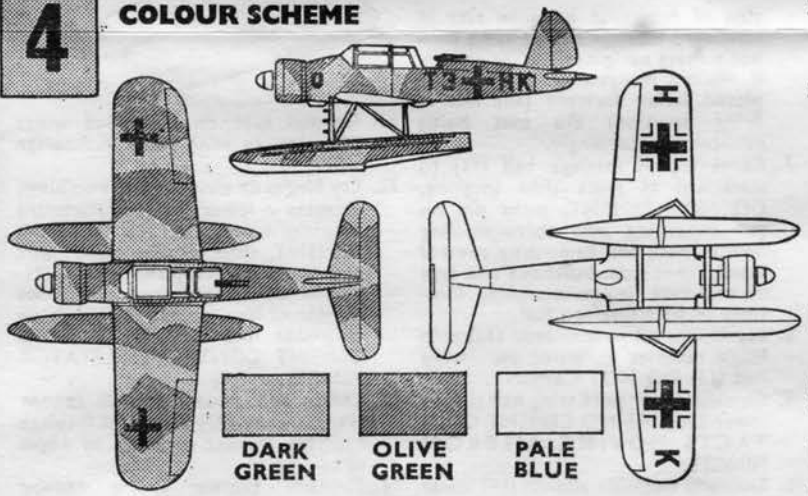
15. Locate and cement engine (25) into rear of cowling (26) cut out at top of engine fitting rib inside cowling.
16. Press propeller pin (27) through hole in centre of engine place bush (28) onto pin and secure with a drop of cement on end of pin. CHECK PROPELLER REVOLVES FREELY.
17. Cement cowling to front of fuselage rim of cowling fitting into cut out at top and front of fuselage.

3 FLOAT ASSEMBLY



18. Cement port float upper half (29) to lower (30) similarly assemble starboard float upper half (31) to lower (32).
19. Cement lugs on front fuselage float struts (33) into forward slots in port and starboard floats. Similarly cement in position rear fuselage float struts (34). (Note: Slots on floats to inside).
20. Cement locating pins on port and starboard float wing struts (35, 36) into locating holes in top of floats, these parts are numbered.
21. Locate and cement float assembly to fuselage and wings, lugs on fuselage float struts into recesses beneath fuselage and wings, locating pins on wing struts into forward locating holes beneath wings.
22. Cement locating pins on rudders (37, 38) into locating holes at end of floats.
23. Cement locating pins on bombs (39, 40) into locating holes beneath wings. These can be omitted if desired.
24. Cement locating pin on nose machine gun (41) into locating hole in front of blister in starboard side of nose.
25. Cement lower aerial (42) into locating hole beneath fuselage, angled back.
26. Cement upper aerial (43) into locating hole in top of canopy, angled outwards.
27. Painting should be completed at this stage.
28. Cement together both parts of stand.
29. Cement arm of stand into slot provided in fuselage.

4 COLOUR SCHEME



30. Apply transfers, separate into eleven subjects, dip each into warm water for a few minutes slide off backing into position shown on illustration.
31. The large black crosses below wings just outboard of bomb racks. The letter H below starboard wing tip. The letter K below port wing tip. The small crosses with T3 and HK to port and starboard fuselage sides. The squadron insignia to front port and starboard fuselage sides. The remaining black crosses above wings. The aircraft name to base of stand.

DARK GREEN M3 OVER OLIVE GREEN—All upper surfaces to give splinter camouflage effect.
OLIVE GREEN—Fuselage float struts.
PALE BLUE—All undersurfaces including float bottoms and wing struts.
MATT BLACK M6—Propeller blades, guns, bombs and engine.
RED G1—Tip of spinner.

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