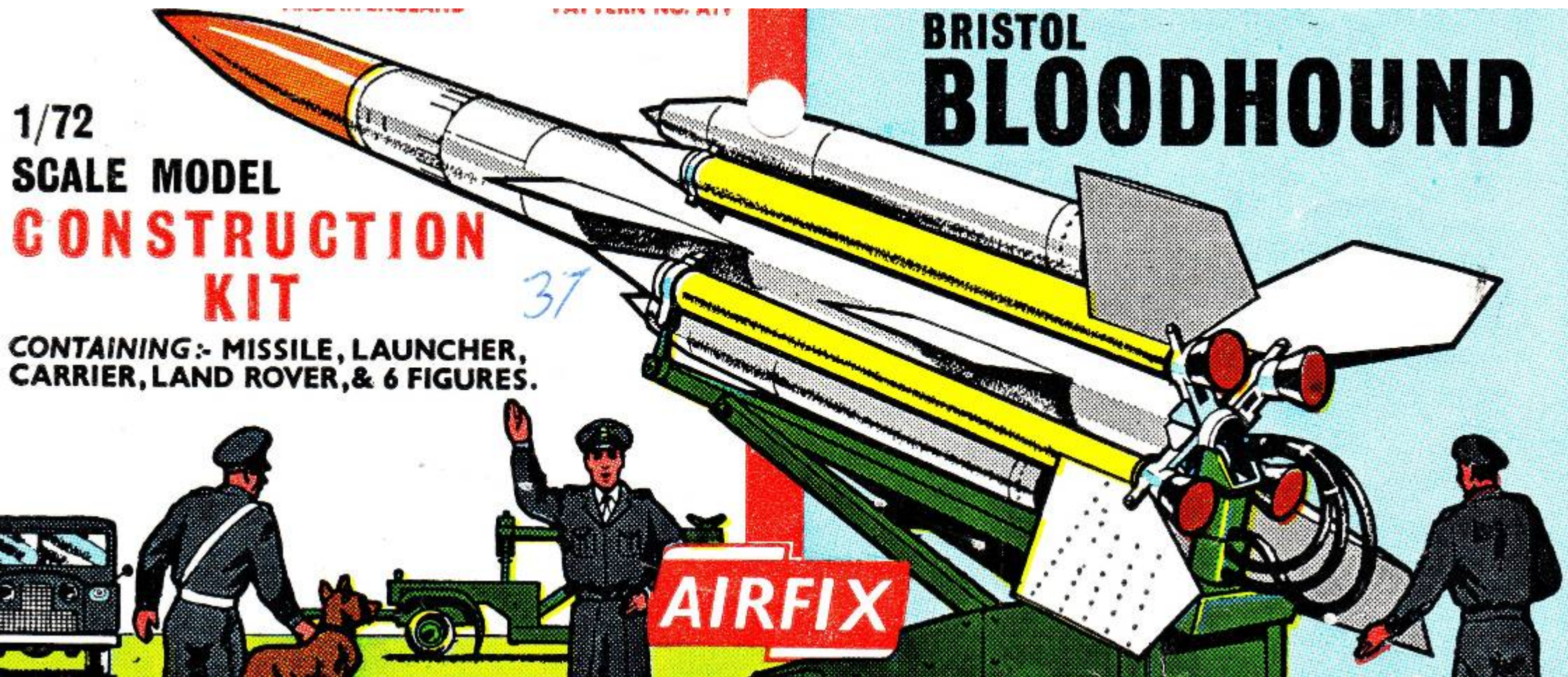


BRISTOL BLOODHOUND

1/72
SCALE MODEL
CONSTRUCTION
KIT

CONTAINING:- MISSILE, LAUNCHER,
CARRIER, LAND ROVER, & 6 FIGURES.



INSTRUCTIONS

It is recommended that the instructions and exploded view are studied before assembly. If it is wished to paint such small parts as tyres and booster rockets this is best done before assembly.

MISSILE

1. Cement together body halves (1 & 2).
2. Cement wings into forward location slots (3 & 4).
3. Similarly cement tailplanes into rear slots (5 & 6).
4. Locate booster bracket and cement onto rear of body (7).
5. Cement together halves of booster rockets (8-15).
6. Cement boosters to main body, the locating recess on each booster fitting the booster bracket, and the bodies lying in the bracket locations on the missile body.

LAND ROVER

7. Cement side onto chassis, the raised rib on chassis fitting into box on body side (16 & 17).
8. Locate and cement radiator into slot in chassis front (18).
9. Cement cab front in place between locating ribs (19).
10. Insert ends of axles into holes in fixed side, locate second body side in position over axles and cement. Ensure no cement comes into contact with axles (20, 21 & 22).
11. Cement wheels onto ends of axles (23-26).
12. Cement roof onto body, locate and cement back to body (27 & 28).
13. Locate and cement bonnet in place over radiator (29).

LAUNCHER

14. Press upper stay onto locating pins of lower stay, ensure the tab of upper stay engages in recess of lower (30 & 31).
15. Locate and cement pivot covers to upper stay, so as to retain pins of lower stay. Ensure no cement comes into contact with lower stay, and that assembly will freely fold back (32 & 33).
16. Position top bars of upper stay in locating recesses below ramp, then cement pivot cover sections to ramp, so as to retain top bars of stay. Ensure no cement comes into contact with stay (34, 35 & 36).

17. Insert pin through rotating base, ensuring cement does not touch base, cement into base plate (37, 38 & 39).
18. Cement side plate to base locating strip (40).
19. Place ramp with attached beams in position inside side plate, locating the ramp pivot pin in rear hole, and lower pin of stay in forward hole. Locate second side in position over pins and cement to base (41).
20. Cement firing mechanism into locating hole on rear of ramp (42).

TRANSPORTER

21. Insert long pin of inner wheel through side frame and cement into standard wheel (43, 44 & 45).
22. Repeat this procedure for second side frame (46, 47 & 48).
23. Cement chassis onto one side (49).
24. Insert lower pin of rear stay into bush of fixed chassis side, and cement second side to chassis, at the same time locating stay (50).
25. Place handles of front stay into slots of side frames, angled forward, and cement forward chassis onto side frames to retain front stay (51 & 52).
26. Cement bottom pins of main beams into holes in chassis floor, and cement stay pins into holes of main beams (53 & 54).
27. Cement cradle onto end locations of main beams (55).
28. Press pivot pin through hole in front chassis and cement into turntable. Note that raised disc on turntable is uppermost (56 & 57).
29. Insert axle pin through turntable side and cement into wheel, ensuring no cement touches side member (58, 59 & 60).
30. Repeat this procedure for second side (61, 62 & 63).
31. Cement tab of side member into underside of turntable, place drawbar within slot, and cement second side member in place, locating drawbar (64).

SUGGESTED COLOUR SCHEME

White, G.3: Missile body, wings, tail and booster fins.

Yellow, G.2: Booster rocket bodies.

Bronze: Warhead.

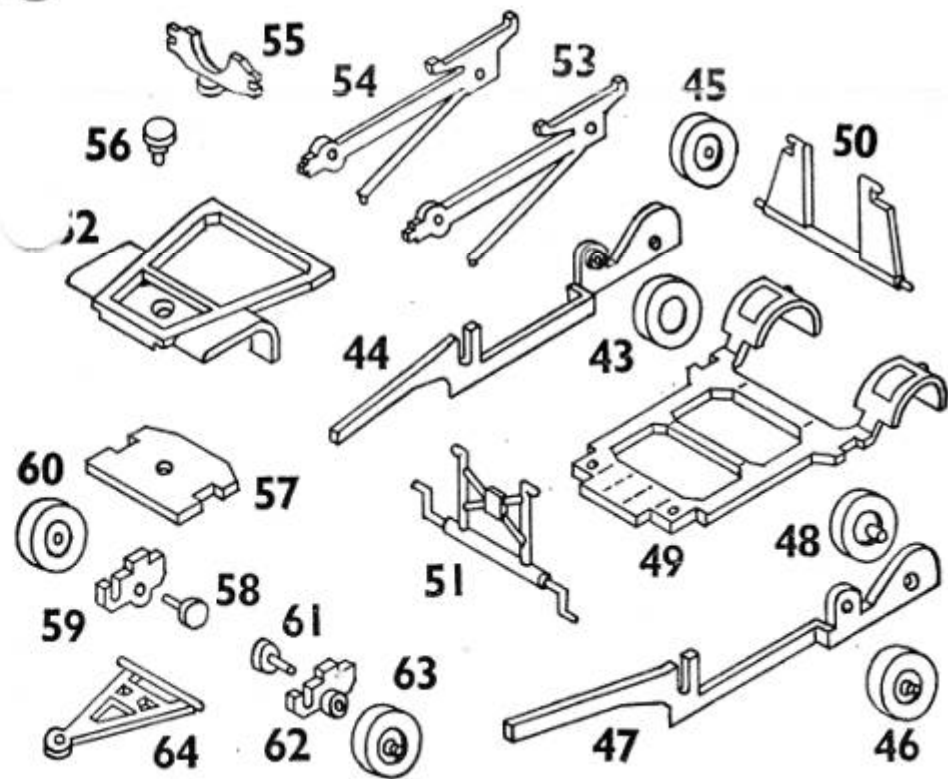
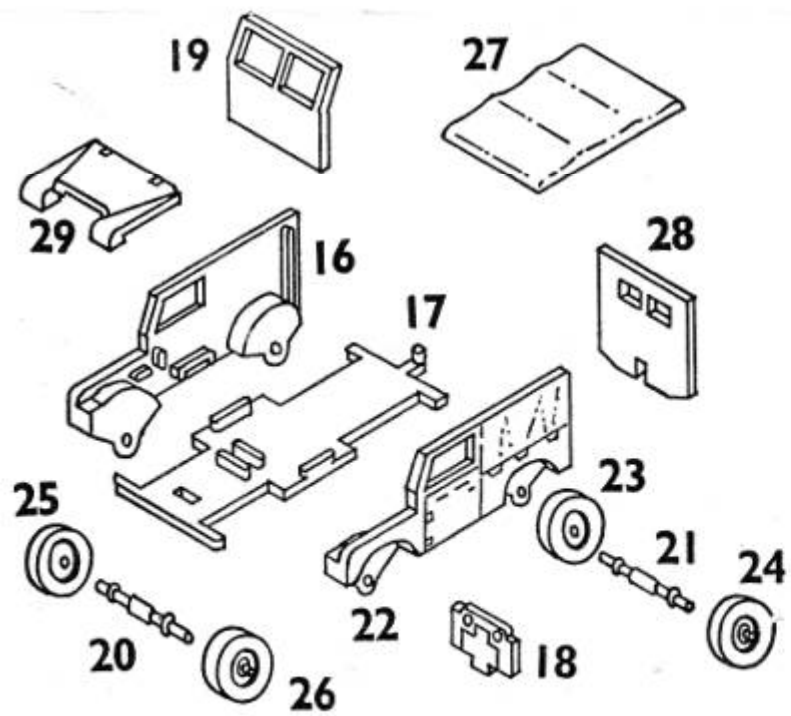
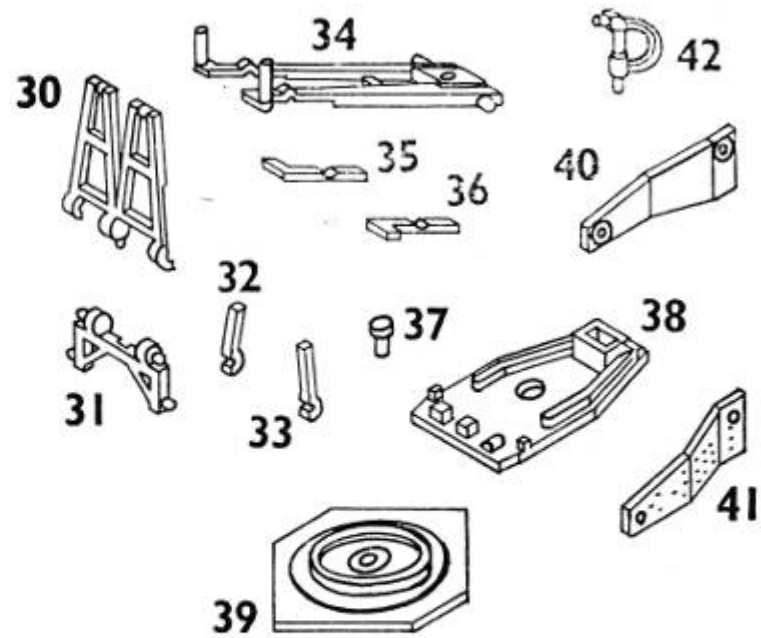
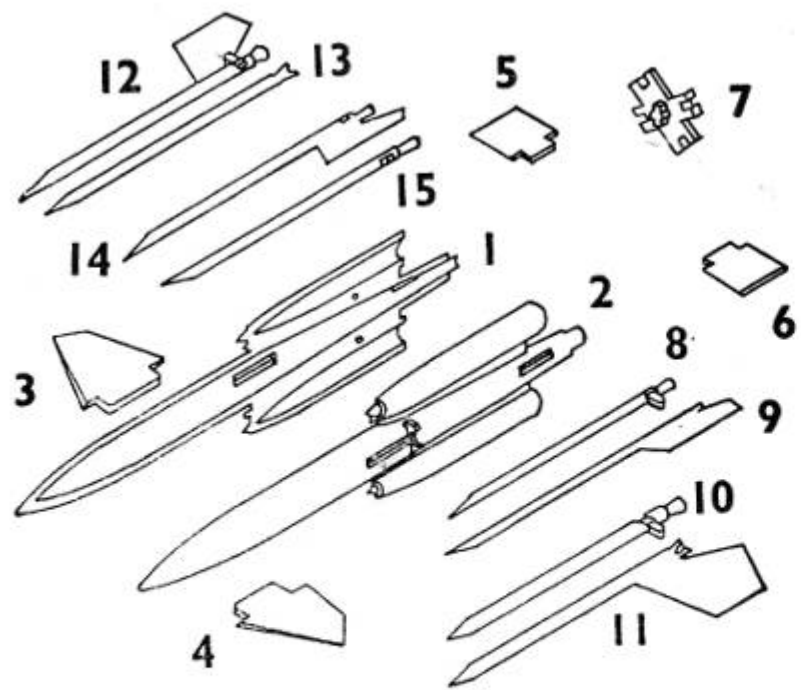
Dark Green, M.3: Launcher and transport assemblies.

Blue Grey: Land Rover and uniforms of airmen.

Black, M.6: Tyres of all wheels, chassis of Land Rover.

Flesh, M.7: Faces and hands of airmen.

N.B.—For painting use "Airfix" Paints. For fixing use "Airfix" Polystyrene Cement.



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 BRISTOL/FERRANTI BLOODHOUND

The Bristol/Ferranti Bloodhound is the surface-to-air guided missile system selected by the R.A.F. for the defence of the United Kingdom, and is now in service with Fighter Command. The Bloodhound, claimed to have the longest range of any semi-active homing missile in the Western World, has also been ordered by Sweden and Australia.

Bristol Aircraft Ltd. have overall responsibility for Bloodhound, the ramjets are made by Bristol Siddeley Engines, the guidance and control systems by Ferranti, and the ground radar equipment by A.E.I.

Upon detection of hostile aircraft the tactical approach radar would allocate targets to fighter aircraft and Bloodhound missiles. Target position data, switched to the fire unit, is used to point the target illuminating radar to its designated target, which then tracks and illuminates the target, providing data to the missiles and launchers.

When the firing button is pressed, Bloodhound's four rocket boosters accelerate it to supersonic speed in a few seconds, in which time the ramjets start and attain full power, the boosters then being jettisoned.

The radar signal from the target illuminating radar is reflected from the target, and this reflected signal is received by the missile. It is used by the missile's "brain" to compute the correct intercepting course, and the computer in turn actuates the wings to steer the missile on this course. The missile can counter evasion by the target, and the nearer the missile approaches the more accurate the information available for interception becomes.

More advanced versions of the Bloodhound will enter into service with the R.A.F., indicating the intention to keep pace with the changing threat by development within the same missile family.

The Bloodhound is 25 ft. 3 in. long with boosters and has a wing span of 9 ft. 4½ in. Range is at least 60 miles and speed over Mach 2.

PLEASE OPEN CAREFULLY — INSTRUCTIONS OVERLEAF

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