

AIRFIX CONSTRUCTION KIT

1/72 SCALE MODEL CONSTRUCTION KIT

MIG 21 C

The Russian MiG 21 known in the west by its Nato code name "Fishbed-C" is now one of the world's most widely used fighters and is the first line equipment of no less than seventeen air forces. It is operated by the Eastern European powers, Middle Eastern countries, Cuba and India and is being produced under licence in Czechoslovakia, India and in China for the Chinese, North Korean and North Vietnamese services.

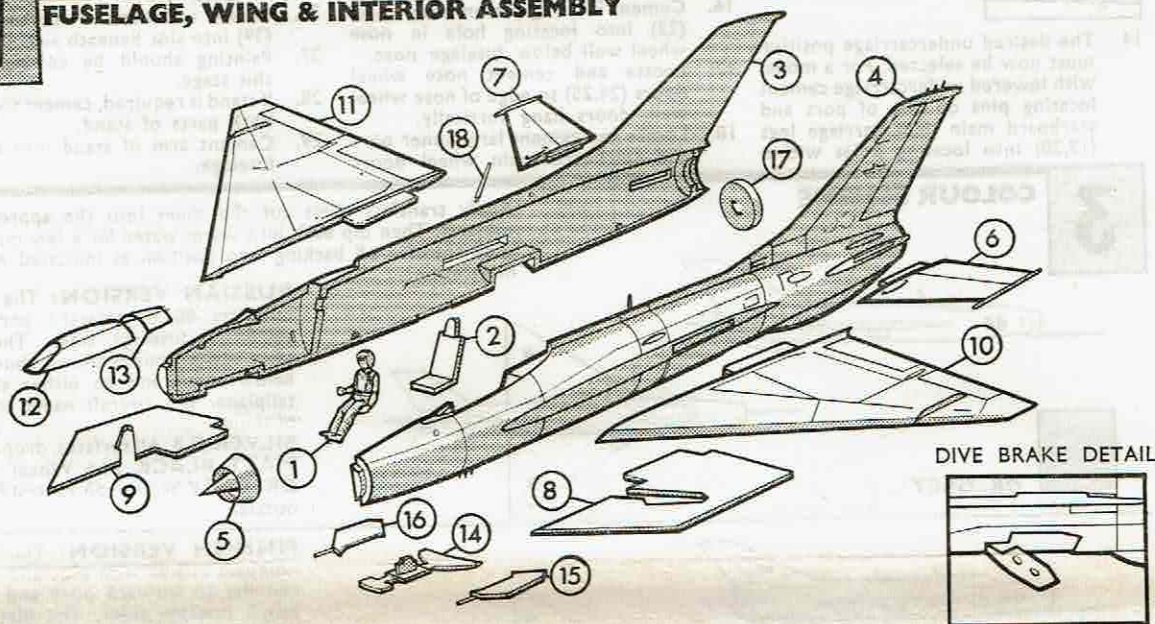
The first prototypes of the MiG-21 flew in 1955 and deliveries began in 1959. The design concept is one which has proved popular in the west; a light comparatively low powered, lightly armed, high speed fighter. The MiG-21 is fairly small and comparatively inexpensive (probably costing less than a quarter of the price of the U.S. Phantom II) and is suitable only for local defence in clear weather but in combat over Vietnam has proved almost the same performance as the most sophisticated Western aircraft.

The "Fishbed-C" is armed with two "Atoll" infra-red heat seeking missiles very similar to the "Sidewinder" and there is provision for two 30 mm. cannons although only the starboard one is normally fitted. The turbo-jet is of approximately 10,000 lb.s.t. (13,500 lb. s.t. with re-heat) giving a top speed of Mach 2.0 (1,320 m.p.h.) Range with one 132 gallon drop tank, is 1,250 miles.

INSTRUCTIONS

PAINT ALL DETAILS AND LET DRY BEFORE ASSEMBLING (SEE SECTION 3)
N.B. FOR PAINTING USE "AIRFIX" PAINTS, FOR FIXING USE "AIRFIX" POLYSTYRENE CEMENT

1 FUSELAGE, WING & INTERIOR ASSEMBLY



It is recommended that the instructions and exploded views are studied before assembly. Note that some parts are best painted before assembly. IF STAND IS TO BE USED CUT AWAY WALL OF PLASTIC FROM STAND SLOT IN FUSELAGE HALVES. SIMILARLY OPEN SLOT IN FUSELAGE HALVES FOR PYLON IF FUEL DROP TANK IS TO BE USED. NOTE: Drop tank cannot be used if aircraft is displayed on stand.

1. Cement pilot (1) to seat (2).
2. Cement tab at rear of seat into cut out in bulkhead in starboard fuselage half (3).
3. At this stage, if the aircraft is required to stand on its undercarriage it should be ballasted. Suitable weight such as Plasticine in the nose of the aircraft will

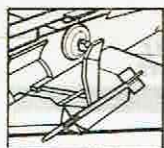
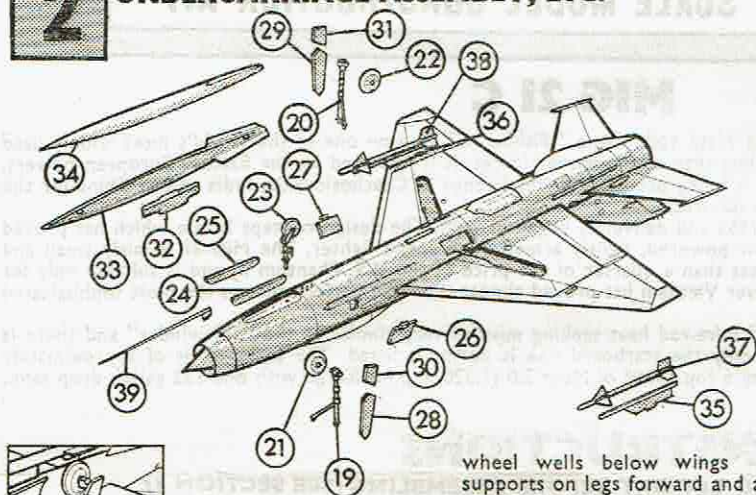
4. Locate and cement port fuselage half (4) to starboard.
5. Locate and cement nose cone (5) to front of fuselage.
6. Locate and cement tabs on port and starboard tailplanes (6,7) into port and starboard slots at rear of fuselage.
7. Cement port and starboard lower wing sections (8,9) into port and starboard wings (10,11). NOTE: engraved detail on lower wing sections should be to outside.
8. Cement tabs on completed wings into slots in port and starboard fuselage sides.
9. Carefully cement front and rear cockpit canopy sections (12,13) to top of fuselage applying cement to

edges of canopy only, rear section lining up with fairing on top of fuselage.

10. Cement tab on dive brake bridge (14) into slot in centre of large rear well below fuselage, wider cross section to rear.
11. Cement port and starboard dive brakes (15,16) into well in open or closed position as desired. If open position they should be angled to rear, narrow section forward, (see inset,) if closed, flush with fuselage locating on steps on dive brake bridge.
12. Locate and cement afterburner baffle plate (17) into jet nozzle recess at rear of fuselage.
13. Cement antenna (18) into locating hole in top of rear canopy section.

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UNDERCARRIAGE ASSEMBLY, ETC.



UNDERCARRIAGE
DETAIL

14. The desired undercarriage position must now be selected. For a model with lowered undercarriage cement locating pins on top of port and starboard main undercarriage legs (19,20) into locating holes within

wheel wells below wings supports on legs forward and axles to inside.

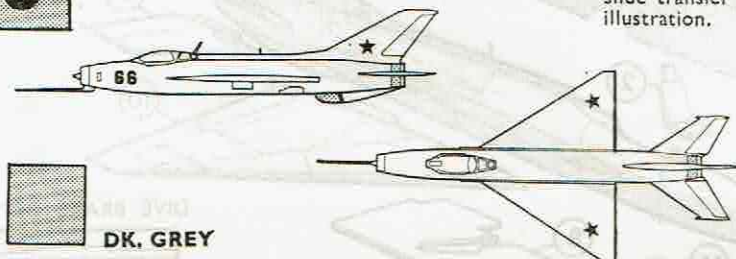
15. Cement main wheels (21,22) to axles on inner sides of legs.
16. Cement locating pin on nose wheel (23) into locating hole in nose wheel well below fuselage nose.
17. Locate and cement nose wheel doors (24,25) to edge of nose wheel well, doors hang vertically.
18. Locate and cement large inner port and starboard main wheel doors

- (26,27) to bottom of fuselage main wheel recesses, doors hang down.
19. Cement long outer main wheel doors (28,29) to top and outer sides of main undercarriage legs.
20. Cement short outer main wheel doors (30,31) outside and against projection at bottom of fuselage, doors angled outwards, (see inset.)
21. If fuel drop tank is desired and model not displayed on stand, cement large fuselage pylon (32) into slot beneath centre of fuselage, narrow end to rear.
22. Cement fuel drop tank halves (33,34) together then cement slot in tank onto tab on pylon.
23. For a model with retracted undercarriage omit main wheels, legs and nose wheel, cement all doors in closed position.
24. Cement tabs on wing pylons (35,36) into slots beneath wings, longer section of rails at bottom of pylons to front.
25. Cement flat edge of missiles (37,38) to rails.
26. Locate and cement tab on probe (39) into slot beneath aircraft nose. Painting should be completed at this stage.
27. If stand is required, cement together both parts of stand.
28. Cement arm of stand into slot in fuselage.

3

COLOUR SCHEME

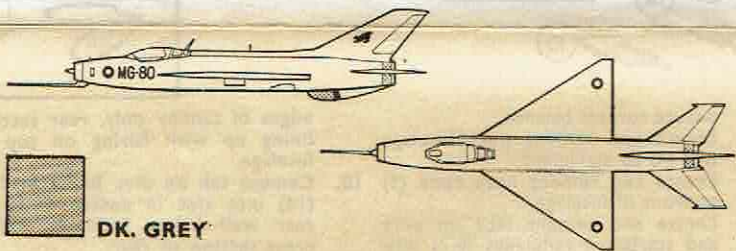
Apply transfers. First cut the sheet into the appropriate subjects. Then dip each into warm water for a few minutes, slide transfer off backing into position as indicated on the illustration.



DK. GREY

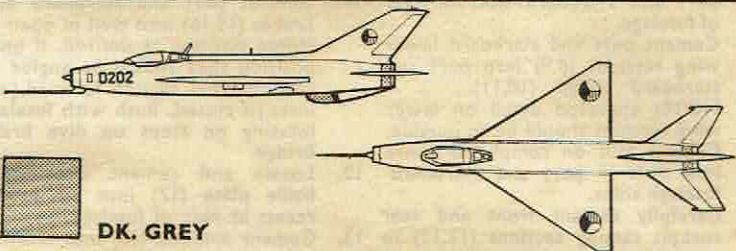
RUSSIAN VERSION: The black numbers 66 to forward port and starboard fuselage sides. The red stars in positions as shown above and below wings and to either side of tailplane. The aircraft name to base of stand.

SILVER G.8 All surfaces, droptanks.
MATT BLACK M.6 Wheel tyres.
DK. GREY Section on ventral fin, jet nozzle.



DK. GREY

FINNISH VERSION: The black numbers MG.80 with blue and white roundel to forward port and starboard fuselage sides. The blue and white roundels in standard wing positions. The black cat facing forward to either side of tailplane. The aircraft name to base of stand.
SILVER G.8 All surfaces, drop tank.
MATT BLACK M.6 Wheel tyres.
DK. GREY Section on ventral fin, jet nozzle.



DK. GREY

CZECH VERSION: The black numbers 0202 to forward port and starboard fuselage sides. The large red, white and blue sectioned circles in standard wing positions. The small red, white and blue sectioned circles either side of tailplane.

Note: blue section forward.
SILVER G.8 All surfaces, drop tank.
MATT BLACK M.6 Wheel tyres.
DK. GREY Section on ventral fin, jet nozzle.