

MONOGRAM

KIT 5969

85596900200

FOCKE-WULF FW 190D -11



Most experts agree that Focke-Wulf's FW 190 series of aircraft were the best propeller-driven fighters used by Luftwaffe during World War II. Initial design work on the FW 190 began in the fall of 1937, and the first prototype, designated Fw 190V1, made its initial flight on June 1, 1939. Flight test revealed that the aircraft was very maneuverable, easy to handle, and it reached a top speed of 370 mile-per-hour.

The first production version was the Fw 190A, and because of the versatility of the aircraft, numerous sub-variants were produced to accomplish a wide variety of roles. All Fw 190A's were powered by BMW radial engines, but armament varied from one sub-variant to another depending on which mission it was intended to perform. The aircraft became unofficially known as the Würger, which translates as "butcher bird."

Following the Fw 190A, three high altitude interceptor versions were developed almost concurrently, with two being designated the Fw 190B and Fw 190C. A small number of prototypes of each were built, but there was no large scale production of either the Fw 190B or Fw 190C. The third design was the Fw 190D which was powered by a Junkers Jumo 213 inline engine. It proved clearly superior to the Fw 190B and the Fw 190C, and development of this variant continued on into production. Prototypes were converted from Fw 190A airframes, and the first flights took place in late 1941. The first major production sub-variant was the 190D-9 which was intended solely for use as an interceptor. These initially became operational with JG 3 at Detmold in late 1943.

The Fw 190D-11, which your ProModeler kit represents was similar to the Fw 190D-9, but the Fw 190D-11 was an interim version primarily intended for use in the ground attack role. The two MG 131 machine guns, which were mounted in a noticeable hump above the engine on the Fw 190D-9, were deleted, thus making the top of the cowling a smooth straight line. Two MG 151 machine guns, located inboard near the fuselage in each of the wings, were retained as they had been on earlier versions, and to increase the Fw 190D-11's firepower against ground targets, a 30-mm Mk 108 cannon was installed outboard of the landing gear in each wing.

Although only a few Fw 190D-11's were completed, some did reach operational squadrons and were used in combat during the closing months of the war. This ProModeler kit provides alternative markings for two Fw 190D-11's. One is for an aircraft from Platzschutzstaffel JV 44 at München-Riem, in 1945, and the second is for a D-11 from Stab/Verbandsführerschwarm des Generals der Jagdflieger at Bad Wörishofen in 1945.



* REPEAT SEVERAL TIMES



* OPTIONAL PARTS



* DECAL



* ALTERNATIVE ASSEMBLY



* CUT A HOLE



* CEMENT TOGETHER



* REMOVE AND THROW AWAY



* DO NOT CEMENT

* A REPETER PLUSIEURS FOIS

* PIECES EN OPTION

* DECAL COMANIE

* ENSEMBLAGE ALTERNATIVE

* FAIRE UN TROU

* A COLLER

* A RETIRER ET JETER

* NE PAS COLLER

READ THIS BEFORE YOU BEGIN

- Study the assembly drawings.
- Each plastic part is identified by a number.
- For better paint and decal adhesion, wash the plastic parts in a mild detergent solution. Rinse and let air dry.
- Check the fit of each piece before cementing in place.
- Use only cement for polystyrene plastic.
- Allow paint to dry thoroughly before handling parts.
- Any unused parts may be discarded.

DECAL APPLICATION INSTRUCTIONS

1. Cut desired decal from sheet.
2. Dip decal in water for a few seconds.
3. Place wet decal on paper towel.
4. Wait until decal is movable on paper backing.
5. Place decal in position on model, face up and slide backing away.
6. Press out air bubbles with a soft damp cloth.
7. Milkiness that may appear is for better decal adhesion and will dry clear. Wipe away any excess adhesive.
8. Do not touch decal until fully dry.
9. Allow the decals 48 hours to dry before applying clear coat.

NOTE: Decals are compatible with setting solutions or solvents.

LIRE CE QUI SUIT AVANT DE COMMENCER

- Etudier les schémas de montage.
- Chaque pièce en plastique est identifiée par un numéro.
- Pour une meilleure prise de la peinture et des autocollants, laver les pièces en plastique avec une solution détergente peu concentrée. Les rincer et les laisser sécher à l'air.
- Vérifier que chaque pièce s'ajuste bien avant de la coller en place.
- N'utiliser que de la colle pour polystyrène.
- Laisser la peinture bien sécher avant de manipuler les pièces.
- Toute pièce inutilisée peut être jetée.

DIRECTIVES D'APPLICATION DES AUTOCOLLANTS

1. Découper l'autocollant désiré de la feuille.
2. Tremper l'autocollant dans de l'eau pendant quelques secondes.
3. Placer l'autocollant mouillé sur une serviette en papier.
4. Attendez que l'autocollant puisse être déplacé sur son support en papier.
5. Mettre l'autocollant en position sur le modèle face sur le dessus et faire glisser le support pour l'enlever.
6. Appuyer avec un chiffon doux humide pour éliminer les bulles d'air.
7. La substance laiteuse qui peut apparaître est destinée à améliorer l'adhésion de l'autocollant et devient incolore au séchage. Essuyer pour enlever tout excédent d'adhésif.
8. Ne pas toucher l'autocollant tant qu'il n'est pas bien sec.
9. Laisser l'autocollant sécher pendant 48 heures avant d'appliquer une couche transparente.

REMARQUE: Les autocollants sont compatibles avec les solutions de fixation ou les solvants.

This paint guide is provided to complete this kit as shown on the box.

Ce guide de peinture est fourni pour reproduire le modèle réduit qui apparaît sur la boîte.

Color	RLM	Français
Aluminum		Aluminium
Anthracite Gray(Gunmetal)		Gris anthracite
Black-Green	70	Vert-noir
Dark Gray	66	Gris-Noir
Flat Black		Noir mat
Flat Flesh		Chair mat
Flat Lt. Gray	74	Gris clair mat
Flat Lt. Gray-Green	76	Vert-gris clair mat
Flat Ochre Brown		Ocre-brun mat
Flat Olive Gray	81	Olivet-gris mat
Flat Red		Rouge mat
Flat Rust		Rouille mat
Flat White		Blanc mat
Flat Yellow		Jaune mat
Gray	02	Gris
Satin Black		Noie satiné
Steel		Acier

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or, please write to:

Revell-Monogram Consumer Service Department, 8601 Waukegan Road, Morton Grove, Illinois 60053

Be sure to include the plan number (85596900200), part number, description, your return address and phone number.

Visit our website: www.revell-monogram.com

COCKPIT ASSEMBLY

A

M 22
RIGHT CONSOLE
DARK GRAY

M 21
LEFT CONSOLE
DARK GRAY

B 2
CONTROL COLUMN
DARK GRAY
(PAINT SHADED AREA
FLAT BLACK)

M 22
RIGHT CONSOLE
DARK GRAY

A 6
COCKPIT TUB
DARK GRAY

PAINTING NOTE
THE SURFACES OF THE RIGHT CONSOLE (M 22) AND THE LEFT CONSOLE (M 21) SHOULD BE PAINTED DARK GRAY RLM 66. THE SHADED PANELS ARE FLAT BLACK AS INDICATED IN THE DRAWINGS AT LEFT. SWITCHES AND KNOBS ARE STEEL COLOR.

NOTE: MANY PARTS IN THIS KIT HAVE EXTRA TABS THAT NEED TO BE REMOVED. USE A RAZOR SAW AND HOBBY KNIFE TO REMOVE THE TABS AND CLEAN UP THE MOUNTING POINTS. REMOVE THESE TABS SO THAT THE PARTS MATCH THE ILLUSTRATIONS.

PAINTING NOTE
ONCE THE PAINT ON THE PARTS IS DRY, RUN A LITTLE BLACK WASH AROUND THE DETAILS INSIDE THE COCKPIT. THIS WILL MAKE THEM MORE VISIBLE, AND THEY WILL LOOK MORE REALISTIC.

M 17
RUDDER
PETAL **(2X)**
DARK GRAY

B

N 10
LOWER INSTRUMENT
PANEL
DARK GRAY

N 1
UPPER INSTRUMENT
PANEL
DARK GRAY

RED BEZEL

PAINTING NOTE
THE UPPER INSTRUMENT PANEL (N 1) AND THE LOWER INSTRUMENT PANEL (N 10) SHOULD BE PAINTED DARK GRAY FILM 66. PAINT THE INSTRUMENTS FLAT BLACK, AND ADD WHITE DETAILS USING A SHARPENED WHITE COLORED PENCIL. WHEN THE PAINT IS DRY, ADD A DROP OF CLEAR GLOSS OVER EACH INSTRUMENT TO SIMULATE GLASS.

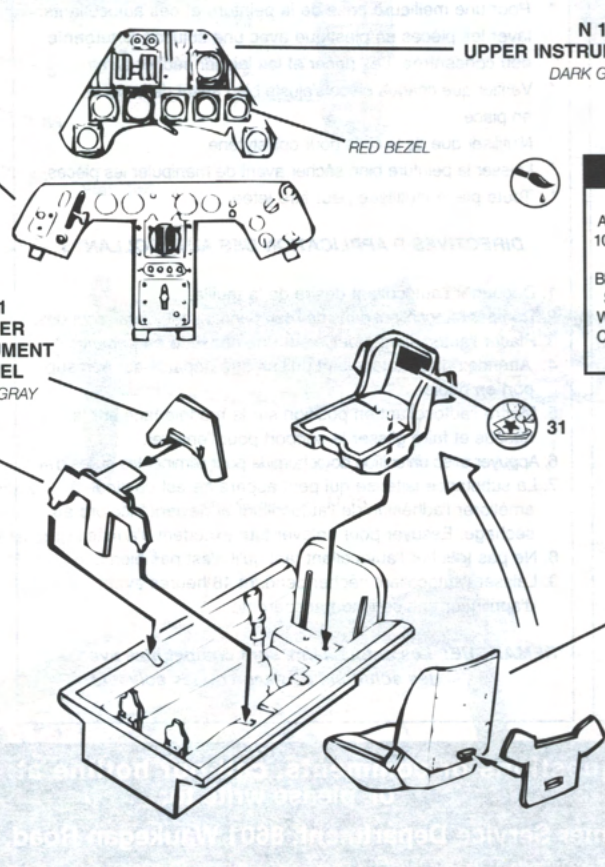
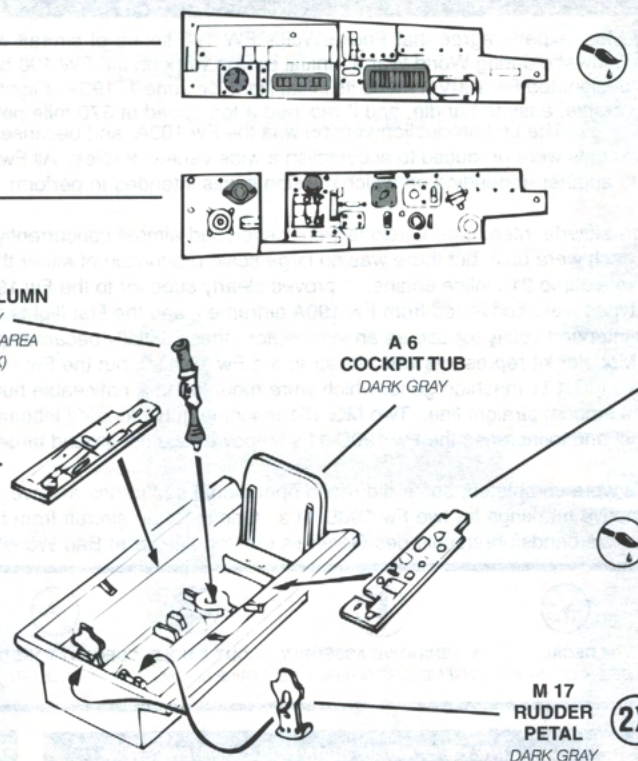
N 10
LOWER INSTRUMENT
PANEL
DARK GRAY

N 1
UPPER INSTRUMENT
PANEL
DARK GRAY

MODELLING NOTE: IF YOU ARE NOT PLANNING TO USE THE PILOT FIGURE SHOWN IN THE NEXT STEP YOU CAN ADD SEAT BELTS AND A SHOULDER HARNESS TO THE PILOT'S SEAT. THESE CAN BE MADE FROM THIN STRIPS OF PAPER OR TAPE. THEY SHOULD BE PAINTED OFF WHITE AND THE BUCKLES CAN BE REPRESENTED WITH DROPS OF ALUMINIUM PAINT. USE A WATER BASED WHITE GLUE TO ATTACH THEM TO THE SEAT.

M 3
SEAT
DARK GRAY

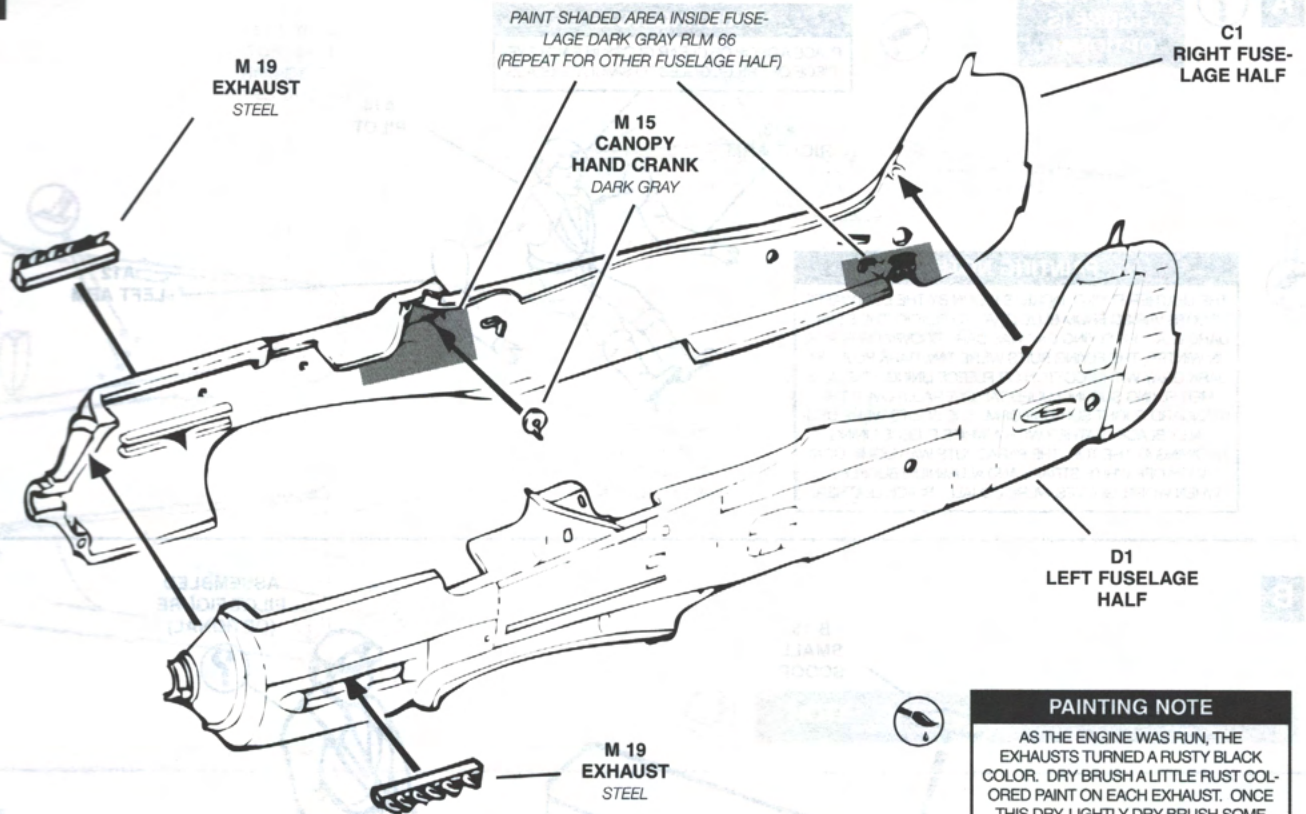
N 2
SEAT ARMOR
DARK GRAY



2

FUSELAGE ASSEMBLY

A

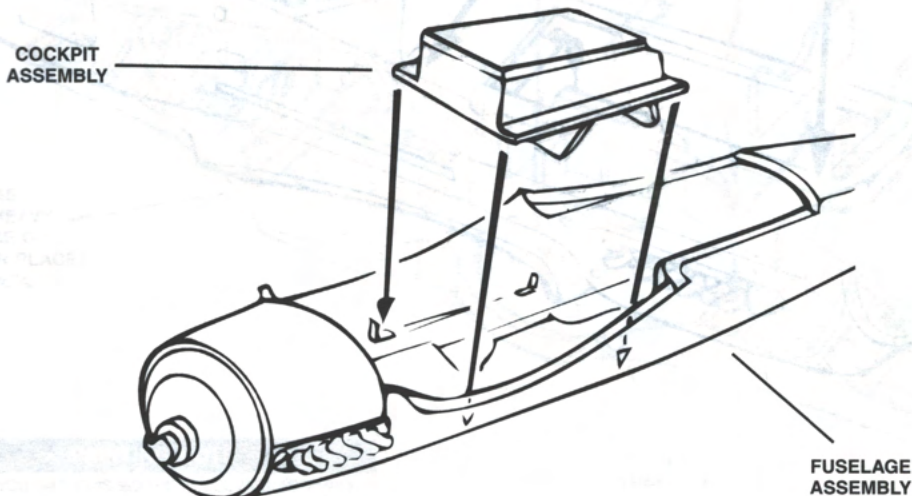


PAINTING NOTE

AS THE ENGINE WAS RUN, THE EXHAUSTS TURNED A RUSTY BLACK COLOR. DRY BRUSH A LITTLE RUST COLORED PAINT ON EACH EXHAUST. ONCE THIS DRY, LIGHTLY DRY BRUSH SOME FLAT BLACK OVER IT.

B

MODELING NOTE: BEFORE GLUING THE COCKPIT ASSEMBLY INTO THE FUSELAGE ASSEMBLY, CHECK THE SEAM WHERE THE TWO FUSELAGE HALVES WERE JOINED TOGETHER. FILL ANY CRACKS WITH MODELING PUTTY. AFTER IT HAS SET, SAND THE SEAM SMOOTH WITH VERY FINE MODELING SANDPAPER. USE SOME FLAT GRAY PAINT AS PRIMER, AND LIGHTLY SPRAY AROUND THE SEAM TO CHECK FOR ANY SMALL CRACKS. IF ANY ARE FOUND, USE A LITTLE MORE PUTTY, THEN SAND AND REPRIME THE SEAM. ONCE ALL THE CRACKS HAVE BEEN REMOVED FROM THE SEAM, GLUE THE COCKPIT ASSEMBLY INTO THE FUSELAGE ASSEMBLY.



3

PILOT ASSEMBLY (OPTIONAL)

A ?

USE OF PILOT FIGURE IS OPTIONAL



PAINTING NOTE

PLACE A DROP OF CLEAR GLOSS IN EACH EYE-PIECE OF THE GOGGLES TO SIMULATE GLASS

A13
RIGHT ARM

A14
PILOT

A12
LEFT ARM



PAINTING NOTE

THE LEATHER FLYING JACKETS WORN BY THE LUFTWAFFE PILOTS VARIED FROM BLUE-GRAY TO BLACK. THE STANDARD LEATHER FLYING CAP WAS DARK BROWN OR BLACK. IN WINTER, THE FLYING SUITS WERE TAN, DARK BLUE OR DARK GRAY WITH A COTTON OR FLEECE LINING. THE SUMMER FLYING SUIT INCLUDED TAN OVERALLS OVER THE STANDARD FLIGHT SUIT UNIFORM. THE BOOTS WERE USUALLY BLACK LEATHER WITH A WHITE FLEECE LINING SHOWING AT THE TOP. THE PARACHUTE WAS LIGHT GRAY WITH OFF WHITE STRAPS AND ALUMINIUM BUCKLES. WHEN WORN, GLOVES WERE USUALLY BLACK LEATHER.

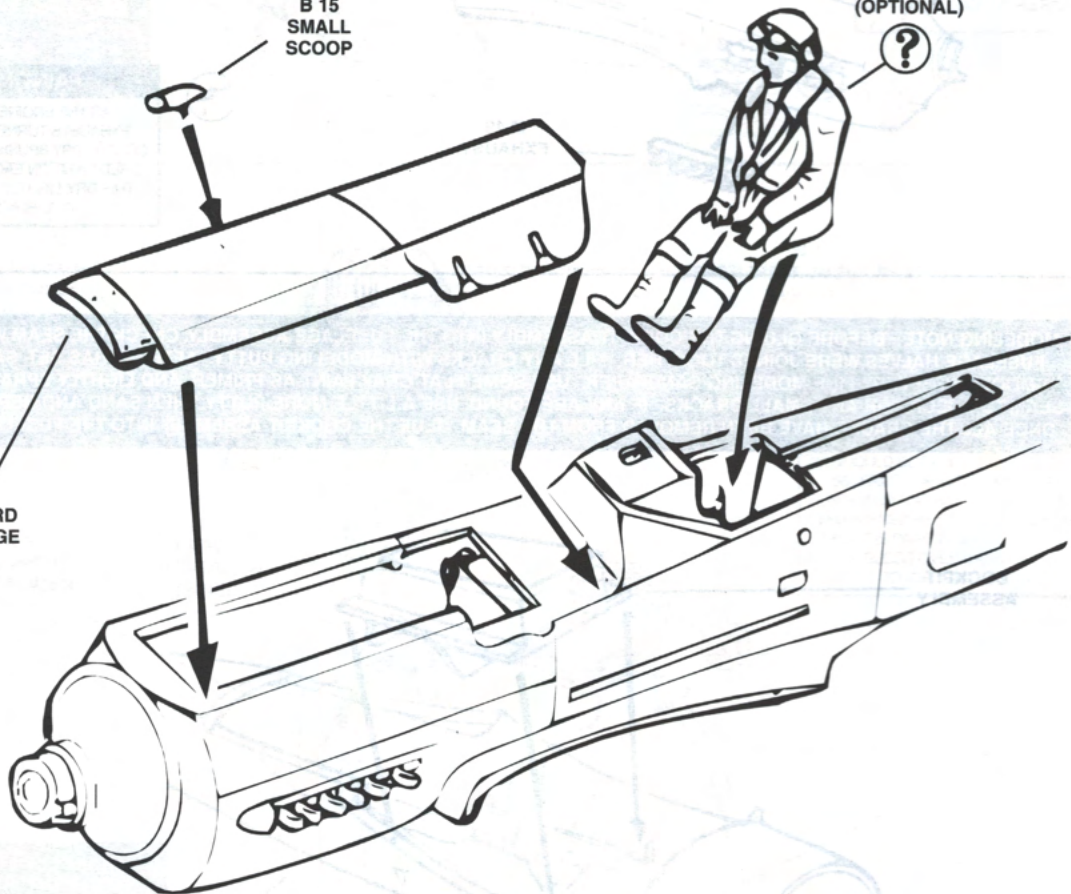


B

B 15
SMALL
SCOOP

ASSEMBLED
PILOT FIGURE
(OPTIONAL)
?

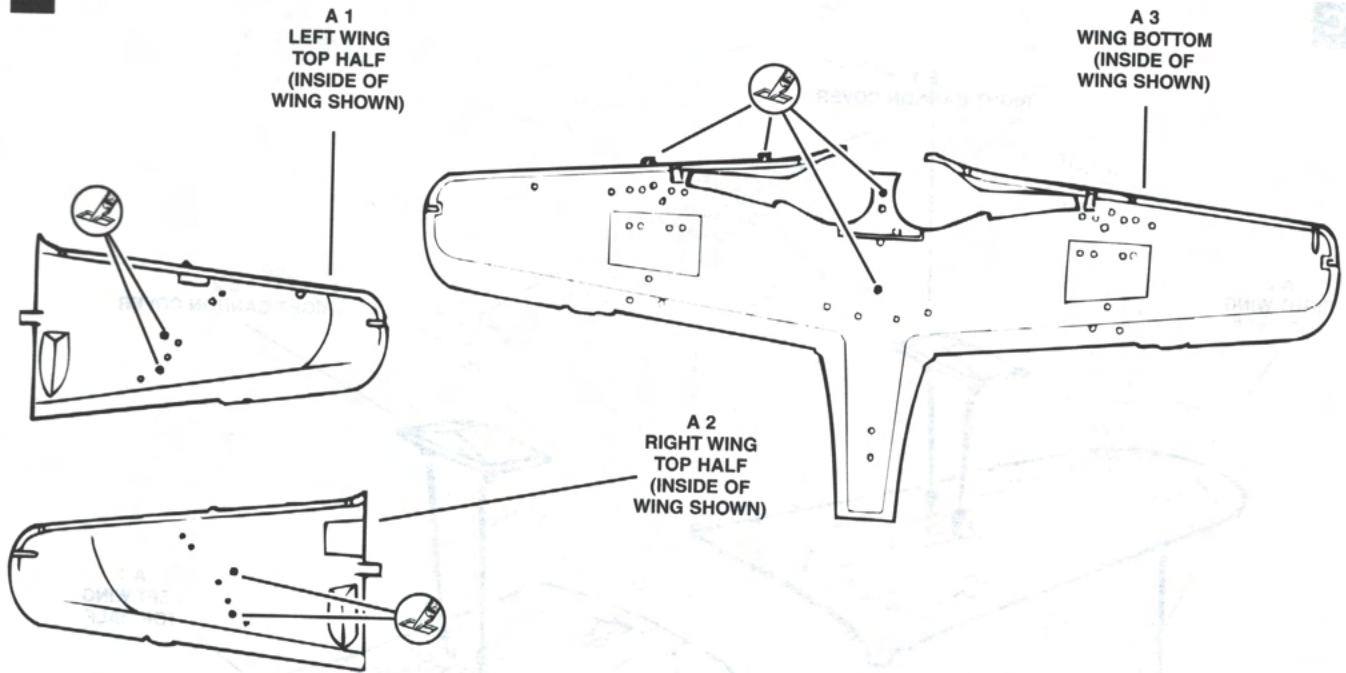
D 2
FORWARD
FUSELAGE



4

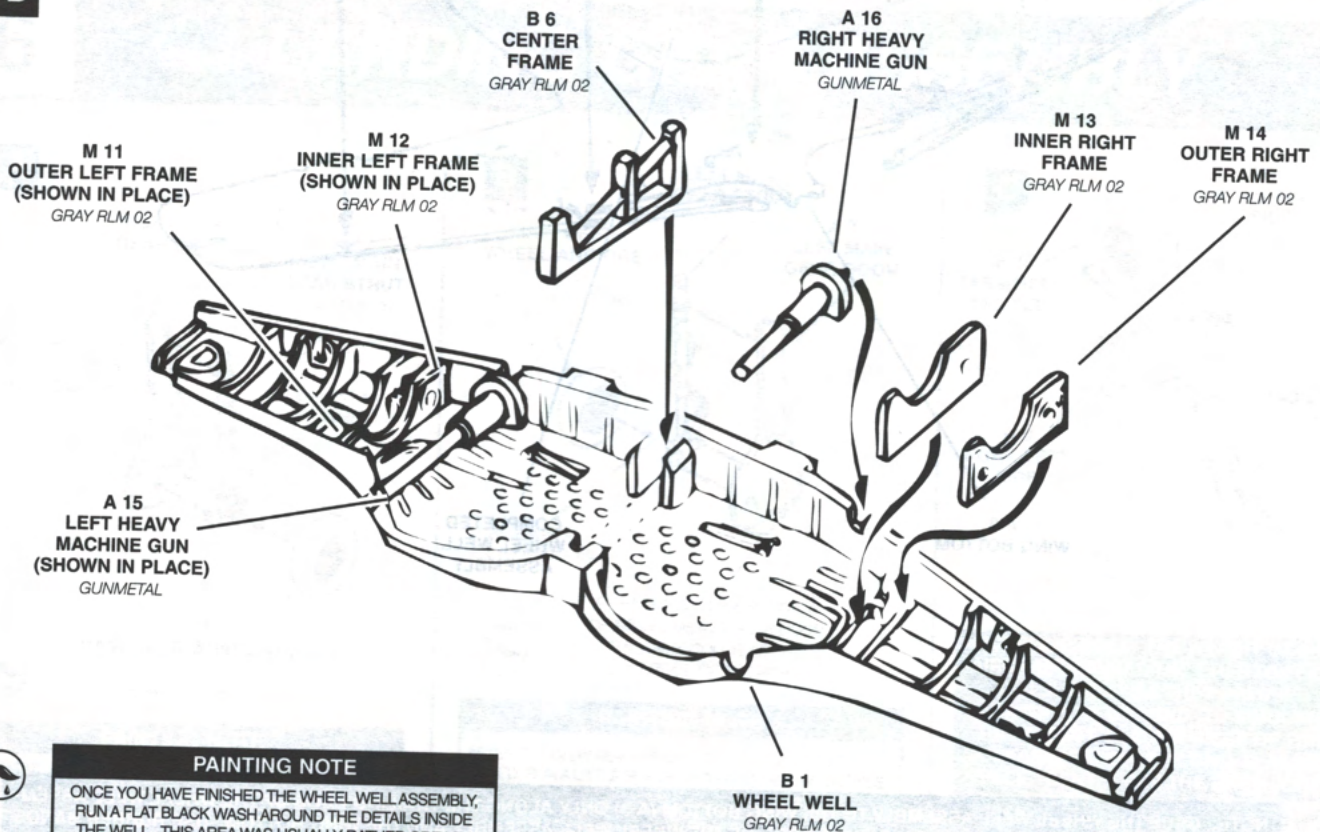
WING ASSEMBLY

A



NOTE: OPEN UP ALL INDICATED HOLES

B

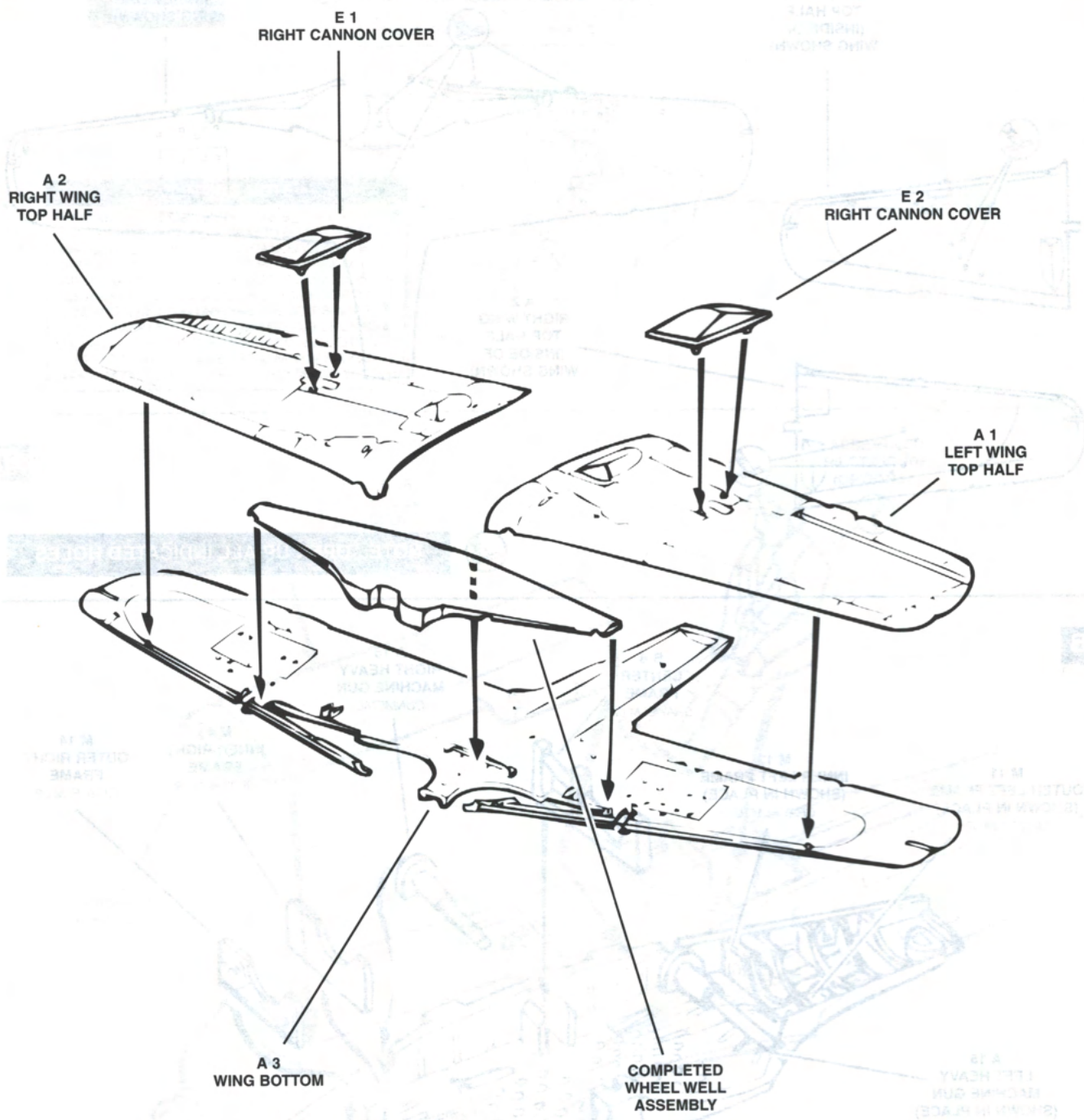


PAINTING NOTE

ONCE YOU HAVE FINISHED THE WHEEL WELL ASSEMBLY, RUN A FLAT BLACK WASH AROUND THE DETAILS INSIDE THE WELL. THIS AREA WAS USUALLY RATHER GREASY AND DIRTY ON THE REAL AIRCRAFT.



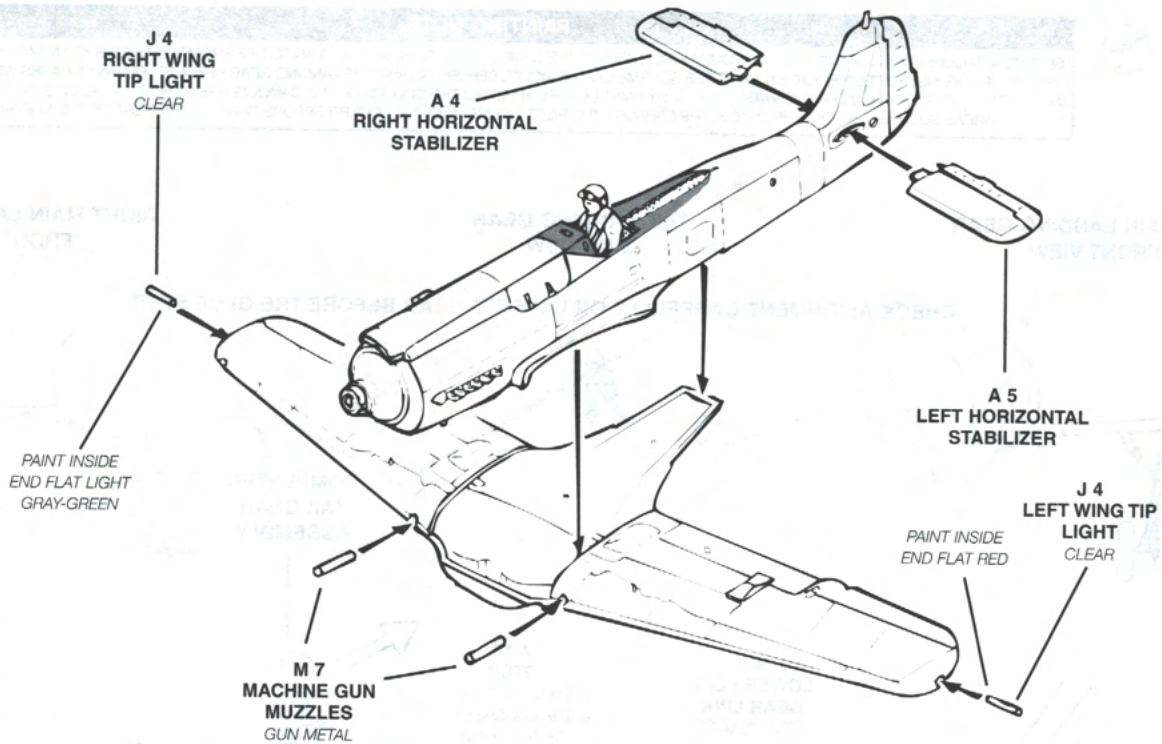
C



NOTE: GLUE THE WHEEL WELL ASSEMBLY TO THE WING BOTTOM (A 3) ONLY ALONG THE TRAILING EDGE OF THE WHEEL WELL ASSEMBLY. DO NOT APPLY GLUE ALONG THE LEADING EDGE OF THE WHEEL WELL ASSEMBLY AND THE WING BOTTOM. USE RUBBER BANDS OR CLOTHES PINS TO CLAMP THE WHEEL WELL ASSEMBLY TO THE WING BOTTOM. LET THE GLUE DRY BEFORE PROCEEDING.

5

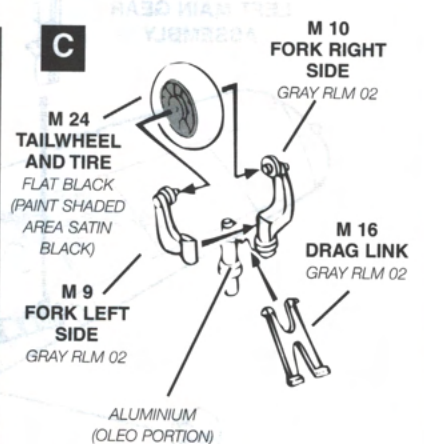
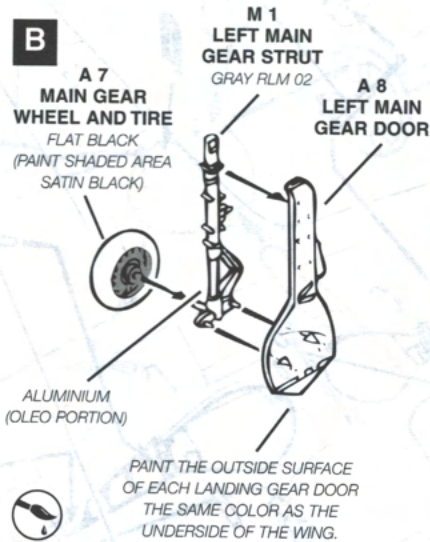
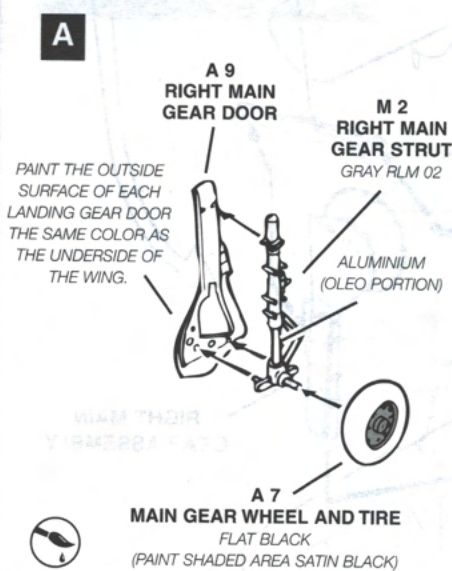
MAJOR AIRFRAME ASSEMBLY



MODELING NOTE: USE A PIN VICE AND A VERY SMALL DRILL BIT (AVAILABLE AT MOST HOBBY SHOPS), TO CAREFULLY DRILL OUT THE END OF THE BARREL IN EACH OF THE MACHINE GUN MUZZLES.

6

LANDING GEAR ASSEMBLY



MODELING NOTE: THE WEIGHT OF THE AIRCRAFT CAUSED THE TIRES TO FLATTEN SLIGHTLY AS THEY PRESSED AGAINST THE GROUND. TO SIMULATE THIS EFFECT, PLACE A PIECE OF FINE MODELING SANDPAPER ON A FLAT SURFACE. GENTLY RUB THE TIRE IN ONE SPOT TO MAKE A FLAT SPOT ON THE TIRE. WHEN GLUING THE WHEEL AND TIRE TO THE STRUT, POSITION IT SO THE THE FLAT SPOT SITS SQUARELY ON THE GROUND.

PAINTING NOTE

TO MAKE TIRES APPEAR WEATHERED, TRY PAINTING THE TIRES DARK GRAY INSTEAD OF FLAT BLACK. AFTER THE PAINT HAS DRIED, RUN A BLACK WASH IN THE TREADS. MANY LUFTWAFFE SQUADRONS OPERATED FROM UNPAVED FIELDS, SO DRY BRUSHING SOME BROWN PAINT ON THE TIRES CAN SIMULATE DIRT AND MUD.

PAINTING NOTE

AFTER THE GRAY RLM 02 PAINT ON THE GEAR STRUTS HAS DRIED, RUN A LITTLE BLACK WASH AROUND THE DETAILS. THIS WILL MAKE THE DETAILS STAND OUT BETTER, AND THE BLACK WASH WILL ALSO SIMULATE GREASE AND THE FLUIDS WHICH COMMONLY LEAKED ONTO THE STRUTS. USE THE BLACK WASH SPARINGLY, BECAUSE TOO MUCH WILL LOOK VERY UNREALISTIC.

D



PAINTING NOTE

BEFORE ATTACHING THE LANDING GEAR TO YOUR MODEL, SELECT THE CAMOUFLAGE SCHEME YOU PLAN TO USE FROM THE ONES SHOWN ON THE LAST TWO PAGES OF THIS INSTRUCTION BOOKLET. PAINT THE SCHEME ON THE MODEL BEFORE GLUING THE LANDING GEAR IN PLACE. FILL ANY CRACKS WITH MODELING PUTTY, SAND SMOOTH, AND PRIME WITH A FLAT GRAY PAINT BEFORE APPLYING THE COLORS OF THE CAMOUFLAGE SCHEME. ALSO BE SURE TO MASK OFF AREAS SUCH AS THE WING TIP LIGHTS, THE EXHAUST, THE PILOT FIGURE, AND THE COCKPIT BEFORE PAINTING THE REST OF THE AIRCRAFT.

LEFT MAIN LANDING GEAR FRONT VIEW

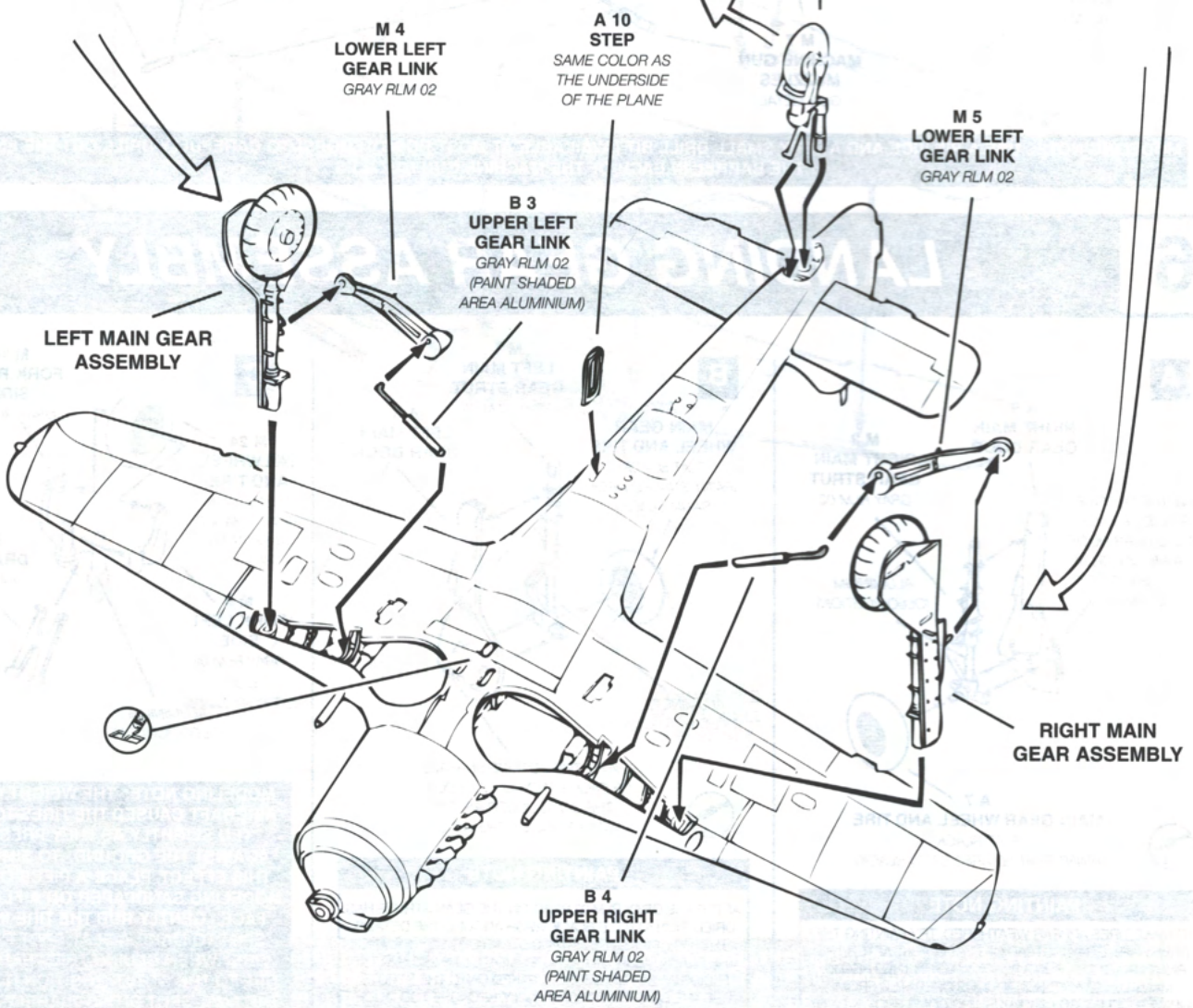
TAIL LANDING GEAR SIDE VIEW

RIGHT MAIN LANDING GEAR FRONT VIEW

CHECK ALIGNMENT CAREFULLY ON LANDING GEAR BEFORE THE GLUE SETS



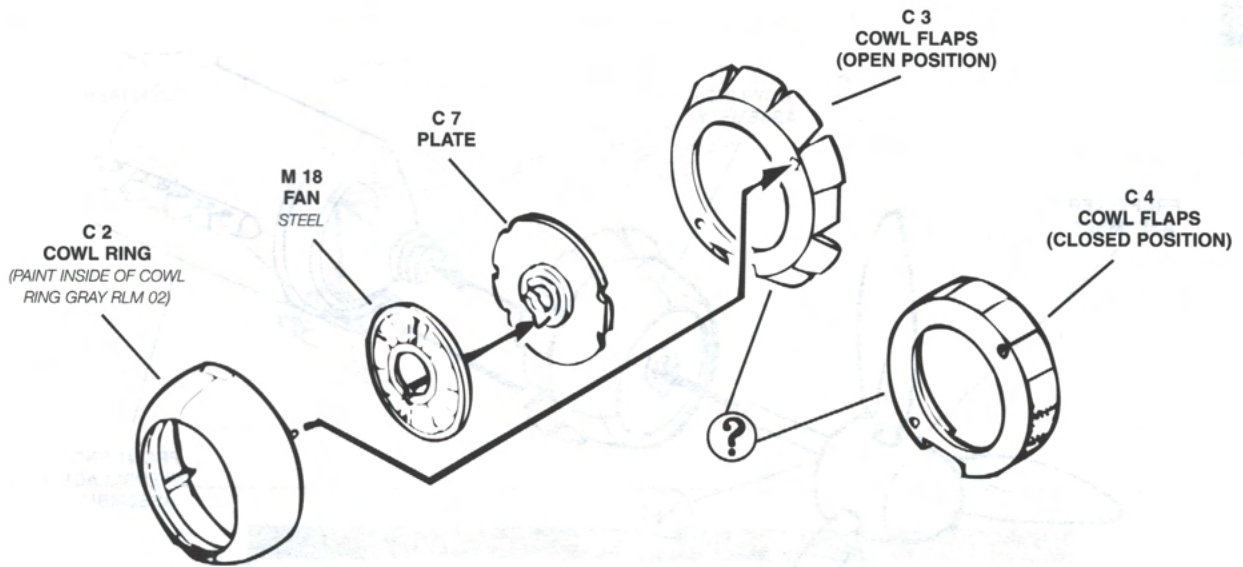
COMPLETED TAILGEAR ASSEMBLY



7

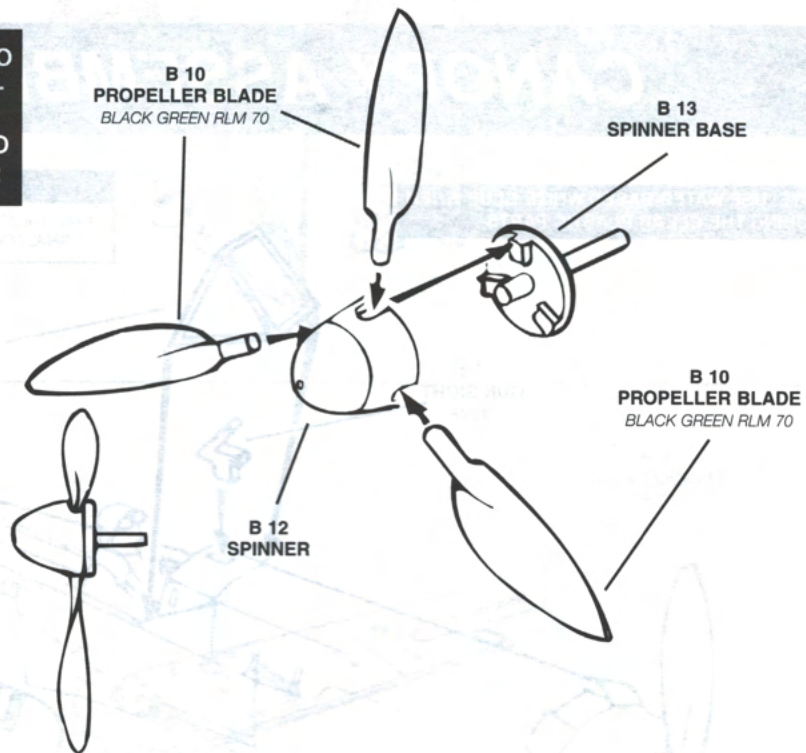
ENGINE ASSEMBLY

A



B

NOTE: SEE THE LAST TWO PAGES OF THIS INSTRUCTION BOOKLET FOR INFORMATION ON HOW TO PAINT THE SPINNER B 12

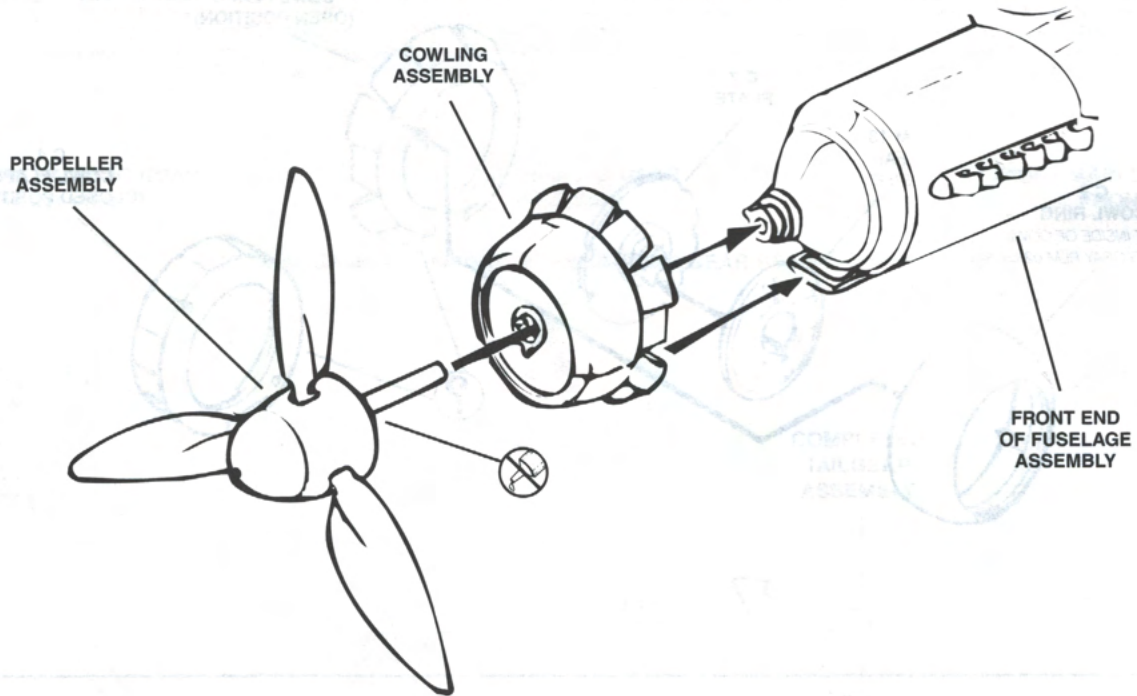


SIDE VIEW OF PROPELLER ASSEMBLY
CHECK FOR PROPER PITCH OF THE PROPELLER BLADES

7

ENGINE ASSEMBLY CONTINUED

C



8

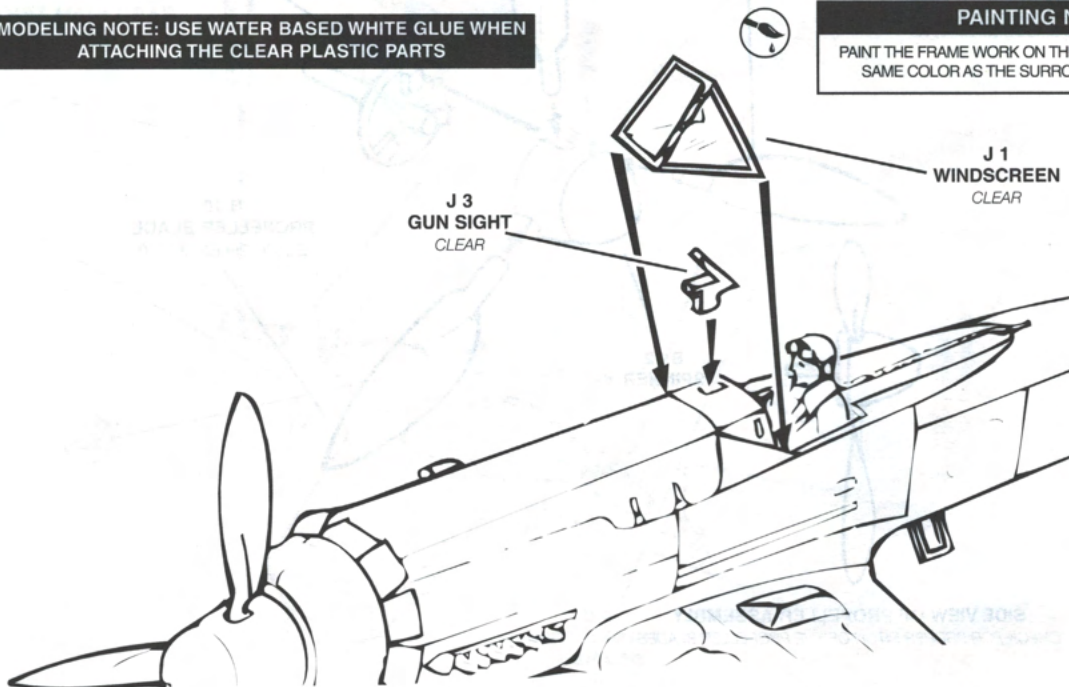
CANOPY ASSEMBLY

A

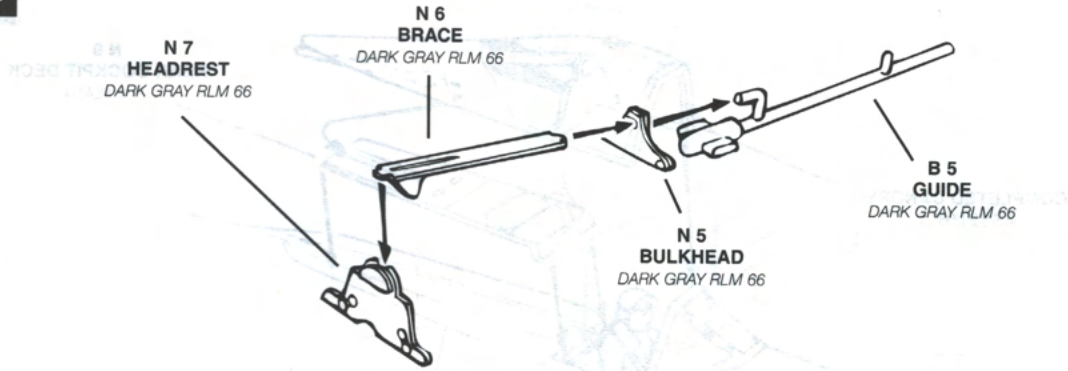
MODELING NOTE: USE WATER BASED WHITE GLUE WHEN ATTACHING THE CLEAR PLASTIC PARTS

PAINTING NOTE

PAINT THE FRAME WORK ON THE WINDSCREEN J 1 THE SAME COLOR AS THE SURROUNDING FUSELAGE.



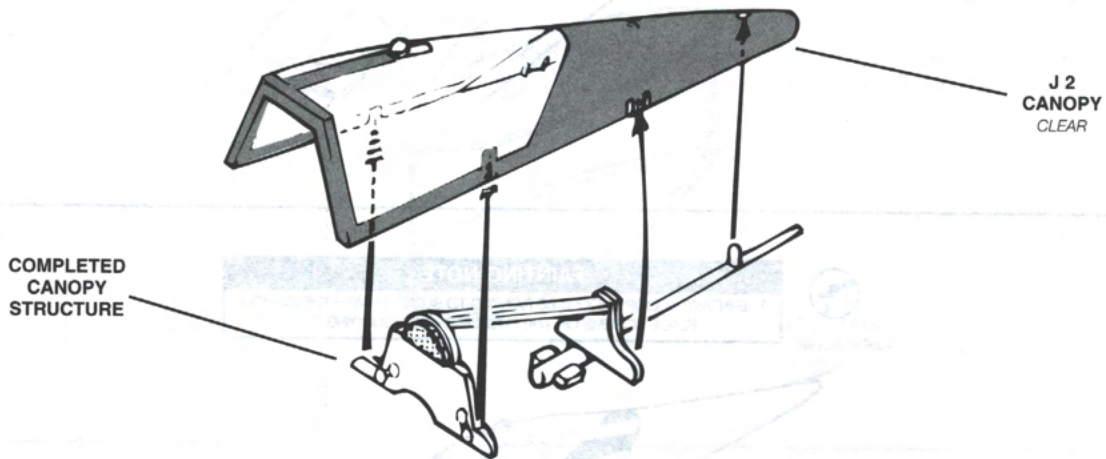
B



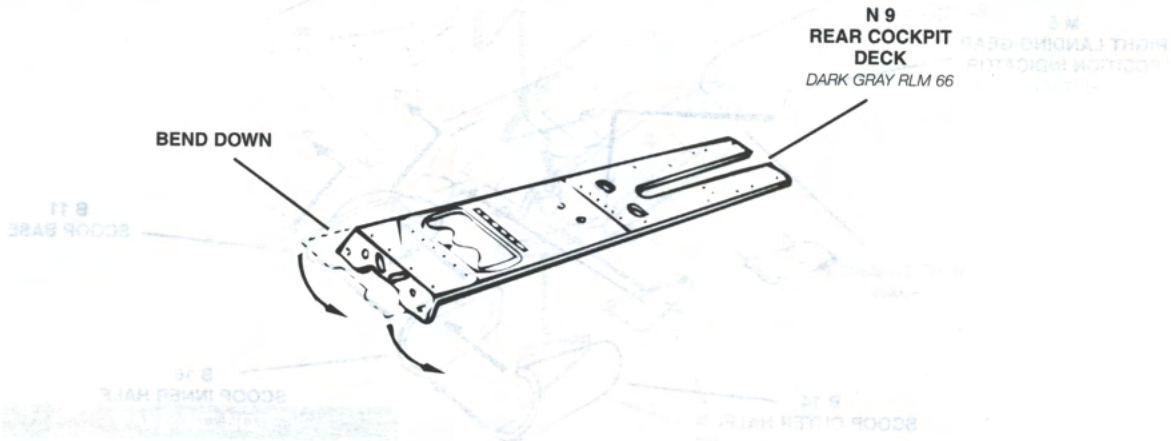
C



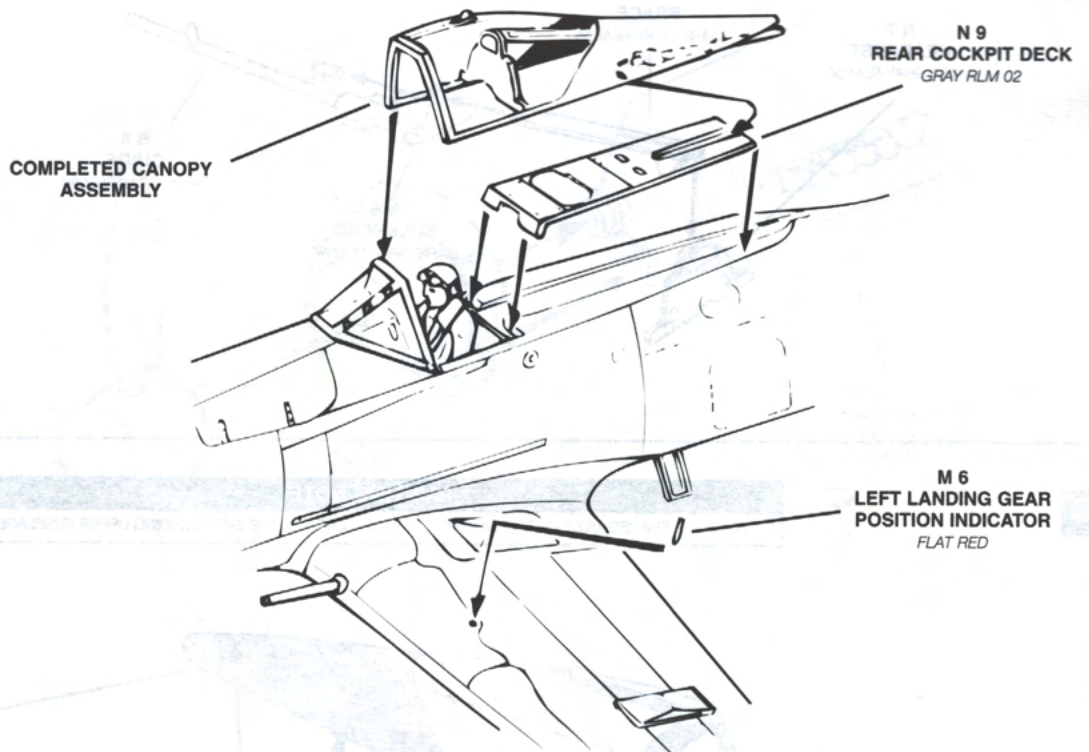
PAINTING NOTE
PAINT THE SHADED AREA OF THE CANOPY THE SAME COLOR AS THE SURROUNDING UPPER FUSELAGE.



D



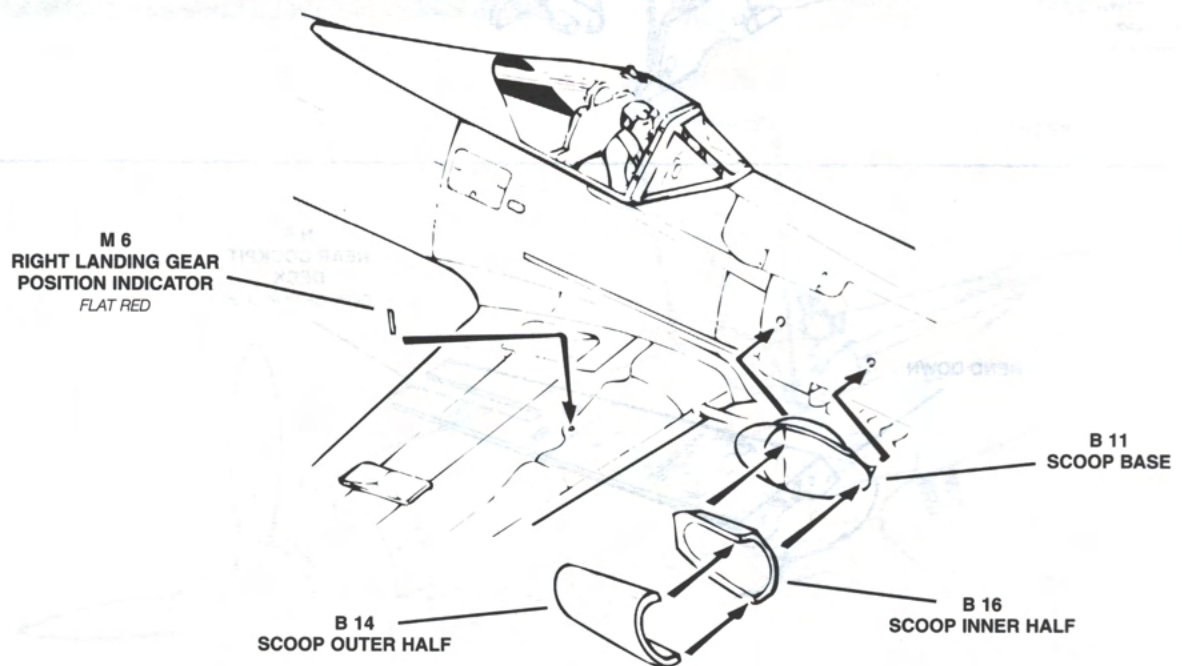
E



F

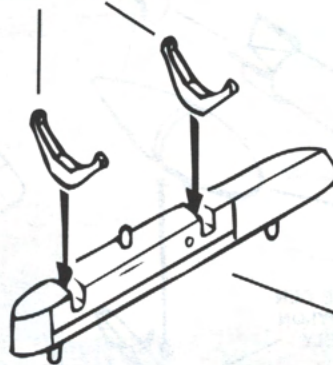


PAINTING NOTE
THE INTAKE SCOOP SHOULD BE PAINTED TO BLEND IN WITH THE CAMOUFLAGE SCHEME ON THE FUSELAGE SURROUNDING IT.



A

**M 20
ANTI-SWAY
BRACES**
LIGHT GRAY RLM 76



**D 5
CENTERLINE
PYLON**
LIGHT GRAY RLM 76

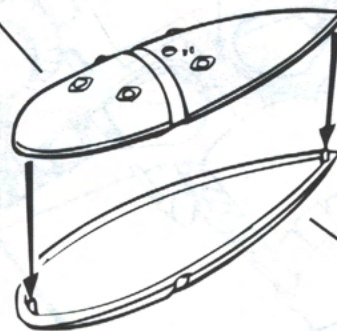
B

**D 4
FUEL TANK TOP
HALF**
LIGHT GRAY RLM 76



PAINTING NOTE

ALSO REFER TO THE LAST TWO PAGES OF THIS INSTRUCTION BOOKLET FOR MORE INFORMATION ON WHICH DECALS TO APPLY TO THE FUEL TANK.

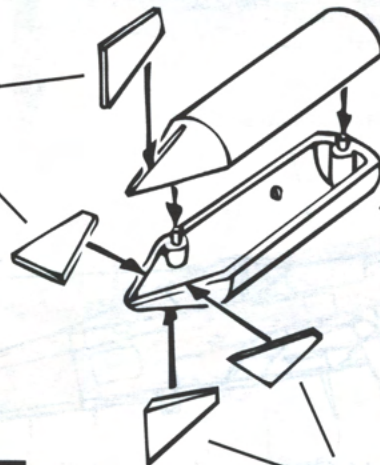


**D 3
FUEL TANK
LOWER HALF**
LIGHT GRAY RLM 76

C

**M 25
FINS**

**C 5
BOMB TOP HALF**



**C 6
BOMB BOTTOM
HALF**

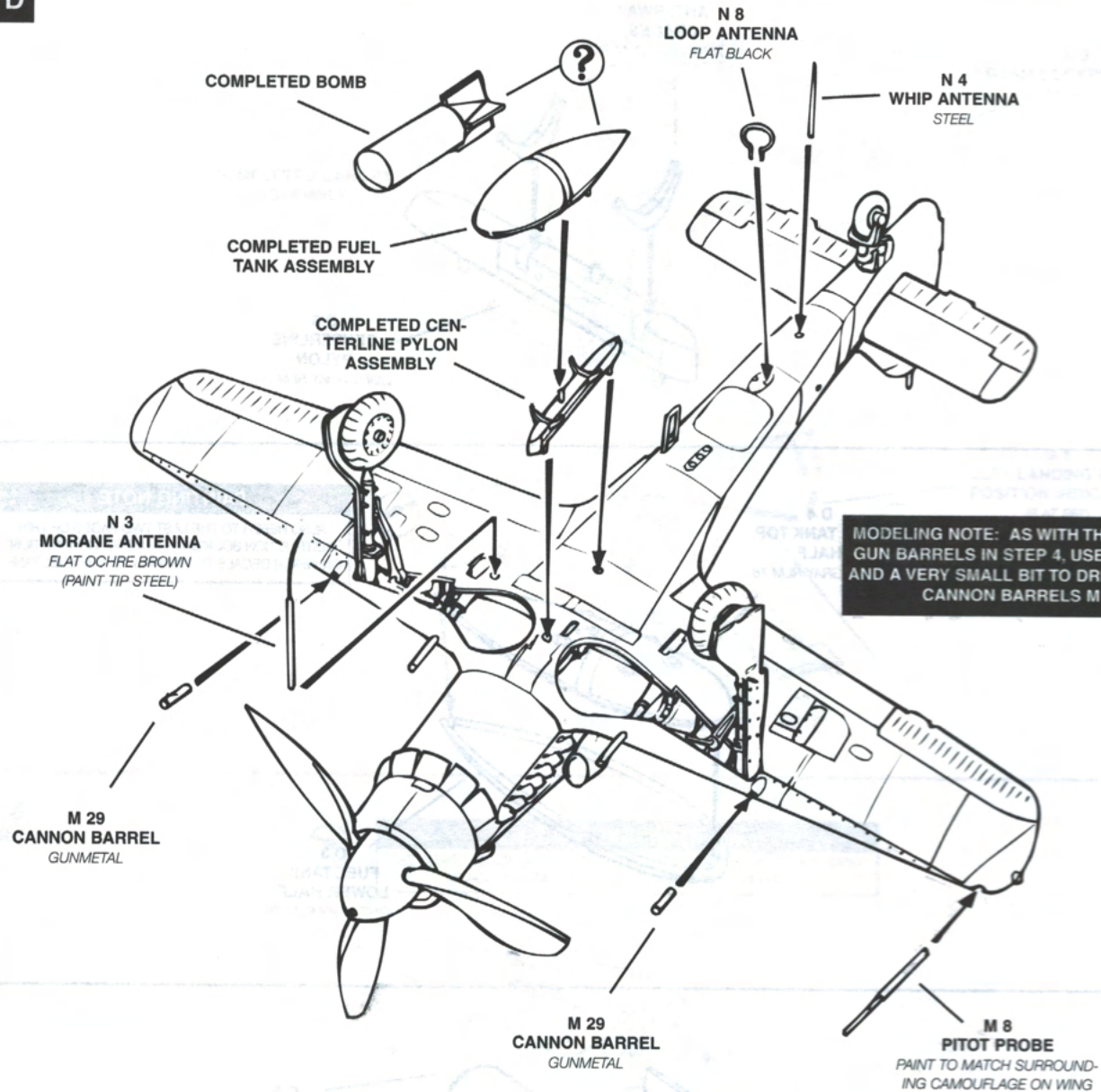
**M 25
FINS**



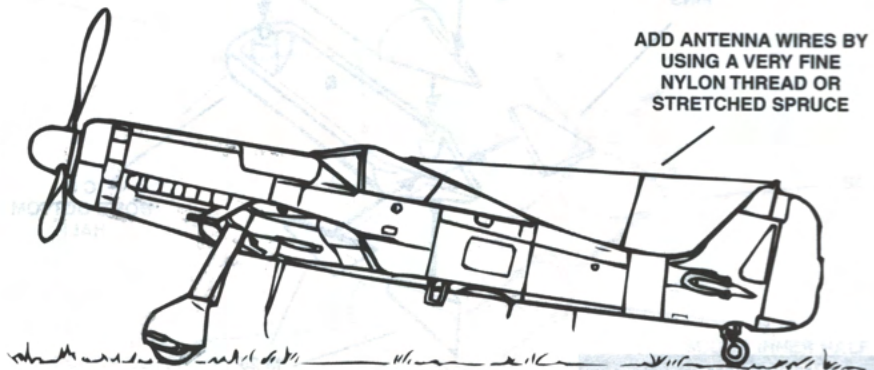
PAINTING NOTE

GERMAN BOMBS WERE OFTEN A DIRTY DARK GRAY COLOR, BUT SOME WERE FLAT BLACK.

D



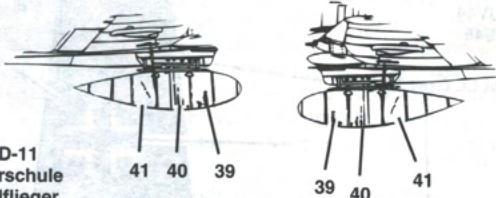
MODELING NOTE: AS WITH THE MACHINE GUN BARRELS IN STEP 4, USE A PIN VICE AND A VERY SMALL BIT TO DRILL OUT THE CANNON BARRELS M 29.



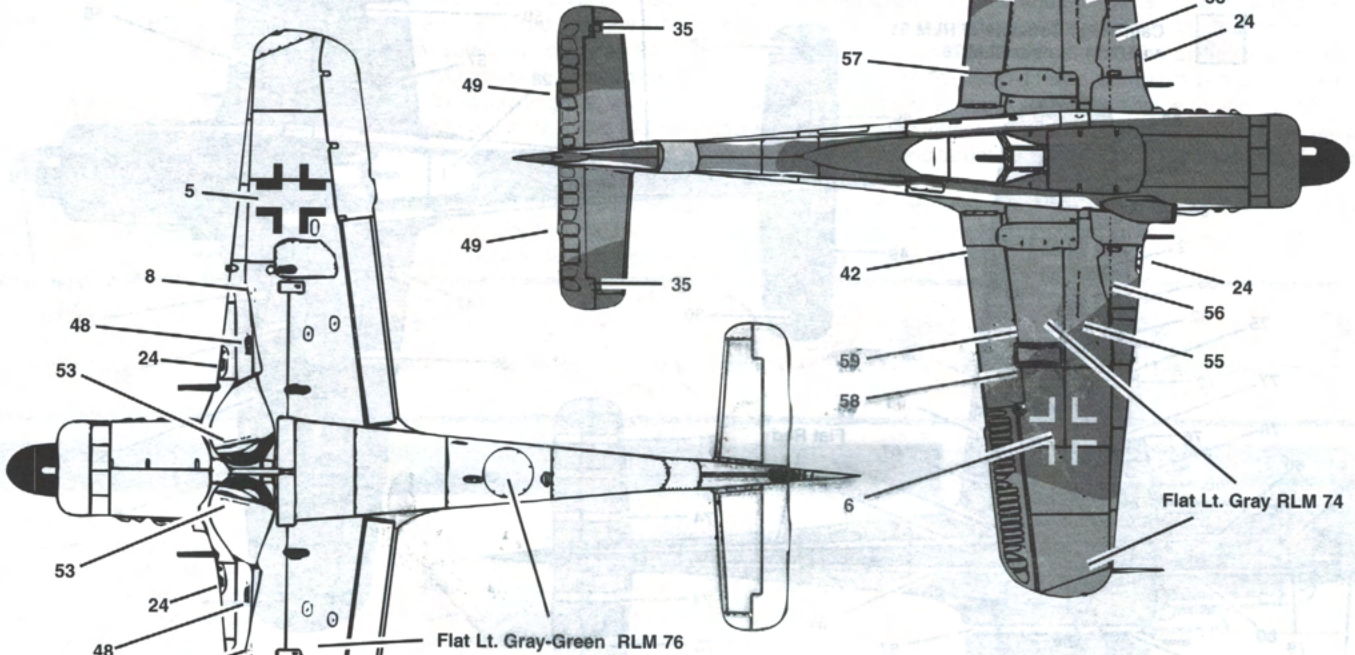
ADD ANTENNA WIRES BY USING A VERY FINE NYLON THREAD OR STRETCHED SPRUCE

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Common Markings on fuel tanks



Focke Wulf Fw 190 D-11
 Stab / Vaerbandsführerschule
 des Generals der Jagdflieger,
 Bad Wörishofen, 1945

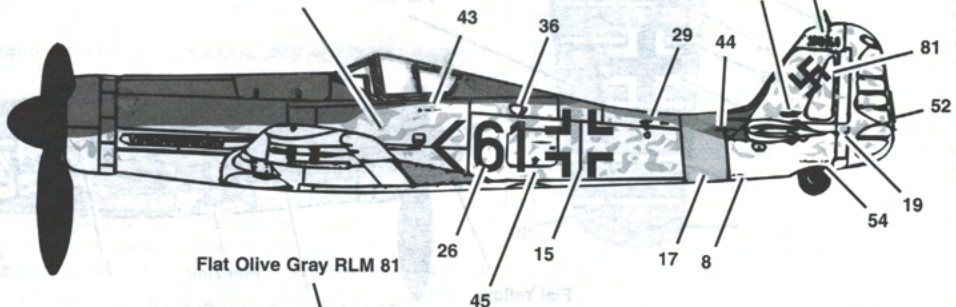


Flat Olive Gray RLM 81

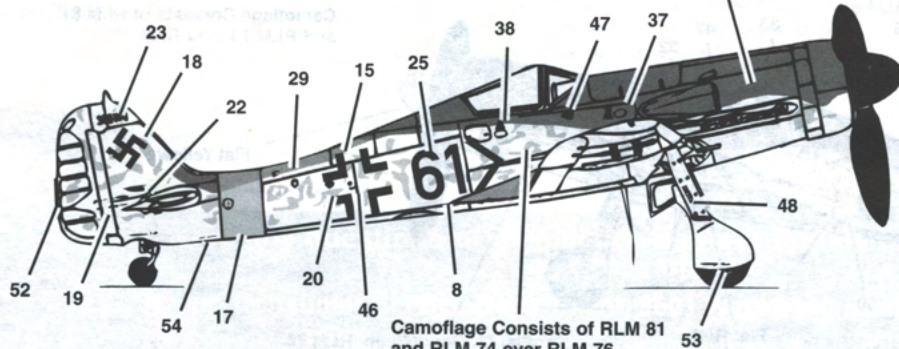
Flat Lt. Gray RLM 74

Flat Lt. Gray-Green RLM 76





Camouflage Consists of RLM 81
 and RLM 74 over RLM 76



Flat Olive Gray RLM 81



Camouflage Consists of RLM 81
 and RLM 74 over RLM 76

-  Flat Lt. Gray-Green RLM 76
-  Flat Olive Gray RLM 81
-  Flat Lt. Gray RLM 74
-  Camouflage Consists of RLM 81 and RLM 74 over RLM 76



Flat Lt. Gray-Green RLM 76

Flat Olive Gray RLM 81

Flat Lt. Gray RLM 74

Flat Red

Camouflage Consists of RLM 81 and RLM 74 over RLM 76

Focke Wulf Fw 190 D-11
Platzschutzstaffel JV44,
München-Riem, 1945

Flat Olive Gray RLM 81

Flat Lt. Gray RLM 74

