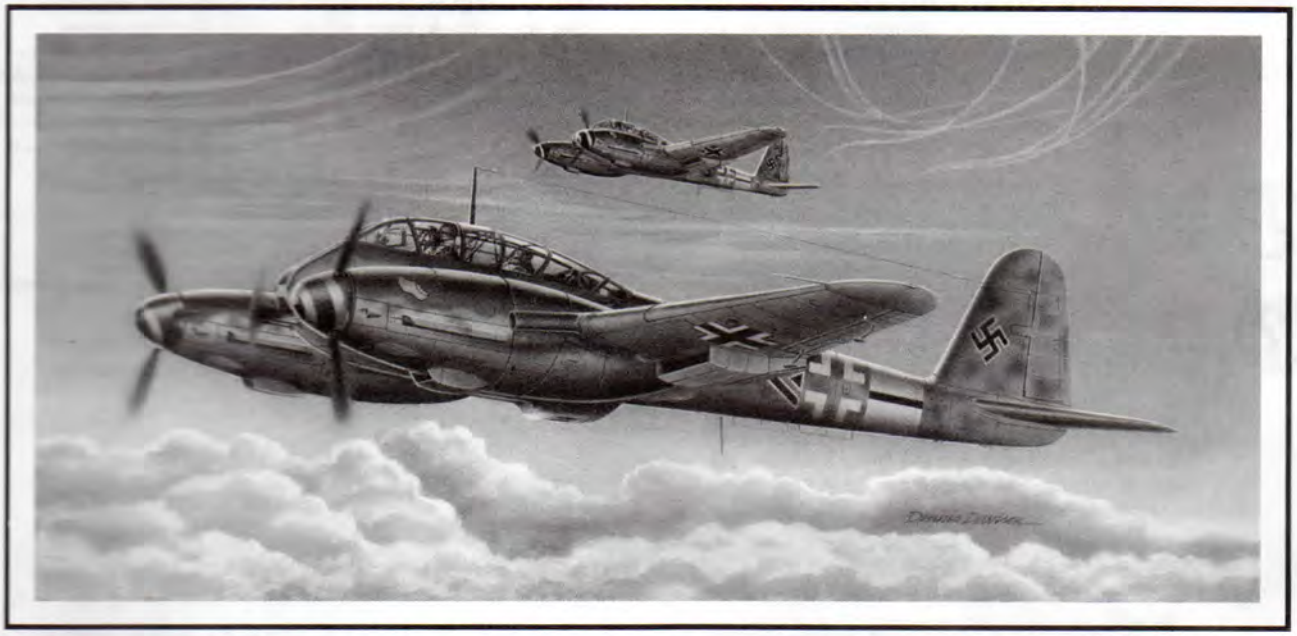
PRO MODELER™

by Revell-Monogram

KIT 5936

Messerschmitt Me 410B

1/48 SCALE MASSTAB 1:48 ESCALA 1/48 1/48 ECHELLE



The Messerschmitt Me 410 was based on the design of the previous Me 210 twin-engine, heavy fighter. Nicknamed the *Hornisse* (Hornet), Me 410 had wing slats and a lengthened fuselage. Two 1,750 horsepower, Damlier Benz 603A engines replaced the 1,350 hp DB 601F powerplants found in the Me 210. These more powerful engines required redesigned nacelles which were longer than those on the Me 210. Both the Me 210 and Me 410 carried a crew of two who were seated in tandem beneath a single framed canopy.

Six Me 210As were modified to Me 410 standards, and these were joined in flight testing by the first true Me 410V-1 prototype in late 1942. During 1943, 291 Me 410s were built, and these was followed by an additional 722 in 1944. The Danau Flugzeugbau in Hungary also built thirty-four Me 410s in 1943 and seventy-four in 1944 before the plant was destroyed by Allied bombing attacks.

The first production version of the *Hornisse* was the Me 410A-1 light-bomber. This was followed by several variants and sub-variants modified for the *Zerstörer* (destroyer), bomber destroyer, and photographic reconnaissance roles.

The first of the "B" series was the Me 410B-1 which had forward-firing 7.9-mm MG 17 machine guns in place of the 13-mm MG 131s found in the Me 410A-1. This was followed by the Me 410B-2 variant. Some Me 410B-1s and -B2s were modified to the U1, U2, U3, U4, R2, R3, and R4 sub-variants. These designations specified different weapons combinations that could be changed by field modifications. Other Me 410Bs were modified to perform anti-shipping and reconnaissance missions.

An unusual feature of most Me 210s and Me 410s was the two rearward-firing 13-mm MG 131 machine guns which were mounted in movable barbettes on the fuselage sides. This remote controlled armament system was designed to provide rear defense from attacking fighters. In practice, it proved to be unreliable and ineffective.

Your Pro-Modeler kit comes with markings for three different Me 410s. One is an aircraft flown by Major Eduard Tratt, the leading *Zerstörer* ace who was credited with thirty-eight victories. Major Tratt was the Gruppe Kommander of II./ZG26 in February 1944. The second set of markings is for an aircraft from 8./ZG26 based at Königsberg, Neumark, Germany, in late 1943 and early 1944. Markings are also provided for an Me 410B-2/R2 from II./ZG-76. This unit was also based at Königsberg, Neumark, Germany, during 1944.

 85593600200

READ THIS BEFORE YOU BEGIN

- Study the assembly drawings.
- Each plastic part is identified by a number.
- Scrape plating from areas to be cemented.
- Check the fit of each piece before cementing into place.
- Do not use too much cement to join parts.
- Use only cement for polystyrene plastic.
- Models may be painted to match photos on box.
- Allow paint to dry thoroughly before handling parts.
- Scrape paint from areas to be cemented.
- For better paint and decal adhesion, wash the plastic parts in a mild detergent solution. Rinse and let air dry.

LISEZ CE QUI SUIT AVANT DE COMMENCER LE MONTAGE

- Etudier les schémas d'assemblage.
- Chaque piece plastique porte un numéro d' identification.
- Grattez le chromage sur les surfaces a coller.
- Contrôler que chaque piëce soit bien cinfirme avant de la coller a sa place.
- N utilisez pas trop de colle pour réunir les pieces.
- Utilisez uniquement une colle spéciale pour polystyrene.
- Le modele peut etre peint conformement aux photos surboite.
- Laissez sécher la peinture completement avant de manipuler les pieces.
- Grattez la peinture sur les surfaces devante etre collées.
- Pour assurer la meilleure adhésion possible de la peinture des décalomanies, laver les pieces de plastique avecune légere solution savonneuse. Rinse et laisser secher a l'aire.

LEA ESTO ANTES DE EMPEZAR

- Estudie los dibujos de ensamblaje.
- Cada pieza de plástico se identificapor un número.
- Raspe el laminado de las superficies que serán pegadas.
- Verifique que cada pieza encaje bien antes de posición.
- No use demasiado pegamento paraunir las piezas.
- Use unicamente pegamento paraplástico de poliestitina.
- El modelo puede pintarse de acuerdo con las fotografias de la caja.
- Permita que se seque la pintura completa mente antes de tocar las piezas.
- Raspe la pintura de las superficiea que serán pegadas.
- Para una mejor fijacion de la pintura y de las calcoma nias lávense las piezas plásti cas en una solu-ción de detergente suave. Enjua-guense y dejense secar al aire.

ALLGEMEINE HINWEISE

- Die Anordnung der Bauteile ist den Zeichnungen der Anleitung ersichtich.
- Jedes Plastikeil ist durch eine Nummer gekennzeichnet.
- Dei Beschichtung muss von alien Klebestellen vorher entfernt werden.
- Die Teile vor dem Verkieben ungeleimt zusam-menhalten um iher Pass itz zu prüfen.
- Klebstoff nicht zu dick auttragen.
- Nur Modellbaukleber für Polystyrol verwenden.
- Man Kann das modell nach den fotos auf der schachtel anstreichen.
- Bemalte Teile vor der Weiterverwendung gut trocknen lassen.
- Die Farbe muss von allen späteren Klebestellen abgeschabt werden.
- Damit sie Farbe und die Abziehbilder kleben sind die Plastikteile in einer milden Seifenlauge z waschen. Dann abspülen und an der Luft trocknen lassen.

CEMENT TOGETHER
A COLLER
UNIR CON PEGAMENTO
VERKLEBEN

DECAL (DIP IN WATER)
DECALCOMANIE (Á PLONGER DANS L'EAU)
DECALCOMANIA (MOJE CON AGUA)
ABZIEHBILD

OPTIONAL PARTS
PIECES EN OPTION
PIEZAS OPCIONALES
BAUTEILE NACH WAHL

REMOVE AND THROW AWAY
A RETIRER ET JETER
QUITE Y TIRE
ENTFERNEN (ABFALL)

REPEAT SEVERAL TIMES
A REPETER PLUSIEURS FOIS
REPITA VARIAS VECES
ARBEITSGANG MEHRMALS WIEDERHOLEN

PAINTING TIPS AND NOTES

MODELING TIPS

Every effort has been made to create and manufacture a model kit that is the finest available. If a part is missing , please write to:

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

Be sure to include the kit number, part number, description, and your return address.

If you have any problems building this model, call our modeling tips hotline at:

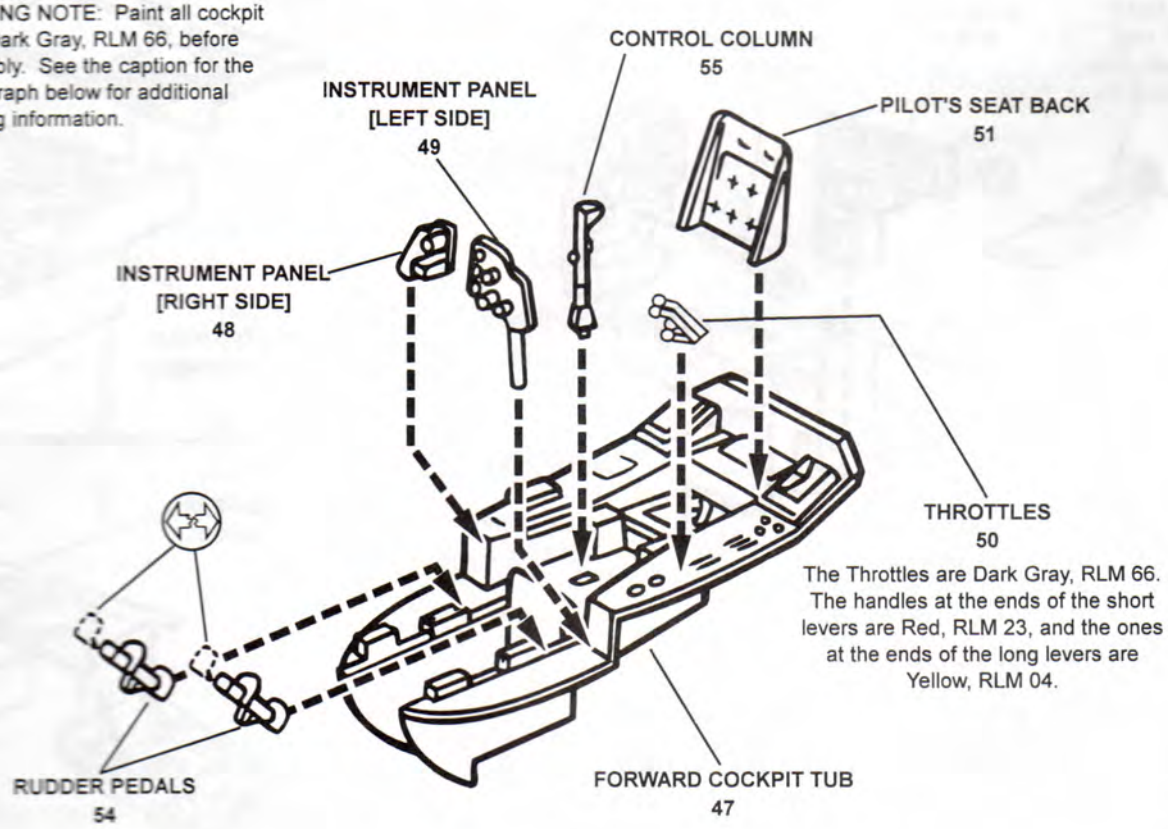
(800) 833-3570

To complete this kit as shown, we recommend the following paints.

ENGLISH	FS EQUIVALENT	PROMODELER	GERMAN	SPANISH	FRENCH
LIGHT BLUE, RLM 76	36473	88-0042	HELLGRAU RLM 76	AZUL CLARO ALEMAN	BLEU CLAIR-ALLEMAND
GRAY, RLM 02	24226	88-0045	GRAU	GRIS	GRIS
DARK GRAY, RLM 66	26008	NONE	DUNKELGRAY	GRIS BOTELLA	GRIS VAISSEAU
YELLOW, RLM 04	23538	NONE	GELB, RLM 04	AMARILLO	JAUNE
FLAT BLACK	37038	88-0022	MATT SCHWARZ	NEGRO APAGADO	NOIR MATT
BLACK GREEN, RLM 70	34052	88-0044	SCHWARZGRÜN, RLM 70	VERDE NEGRO ALEMAN	VERT NOIR-ALLEMAND
RED, RLM 23	11350	88-0003	ROT, RLM 23	ROJO	ROUGE
GRAY GREEN, RLM 74	36081	NONE	GRAUGRÜN	GRIS-VERDE	GRIS-VERT
OFF WHITE	37855	88-0024	CREME-WEISS	COLOR DE MARFIL	COULEUR D'IVOIRE
MILITARY BROWN	30118	88-0027	DUNKELBRAUN	CAFE MILITAR	BRUN MILITAIRE
GRAY VIOLET, RLM 75	26132	NONE	GRAUVIOLETT	GRIS-PURPURA	GRIS-POURPRE
LEATHER	NONE	88-0021	LEDERBRAUN	COLOR PIEL	BRUN
STEEL	NONE	88-0015	EISENFARBIG	METALICO	METALLIQUE

STEP 1, COCKPIT ASSEMBLY

PAINTING NOTE: Paint all cockpit parts Dark Gray, RLM 66, before assembly. See the caption for the photograph below for additional painting information.



The Throttles are Dark Gray, RLM 66. The handles at the ends of the short levers are Red, RLM 23, and the ones at the ends of the long levers are Yellow, RLM 04.

PAINT ALL PARTS BEFORE ASSEMBLY.

1. Remove the excess plastic from each of the two RUDDER PEDALS (54), then cement them to their locations on the FORWARD COCKPIT TUB (47).

2. Glue the INSTRUMENT PANEL [RIGHT SIDE] (48) to the FORWARD COCKPIT TUB (47).

3. Cement the INSTRUMENT PANEL [LEFT SIDE] (49) to the FORWARD COCKPIT TUB (47).

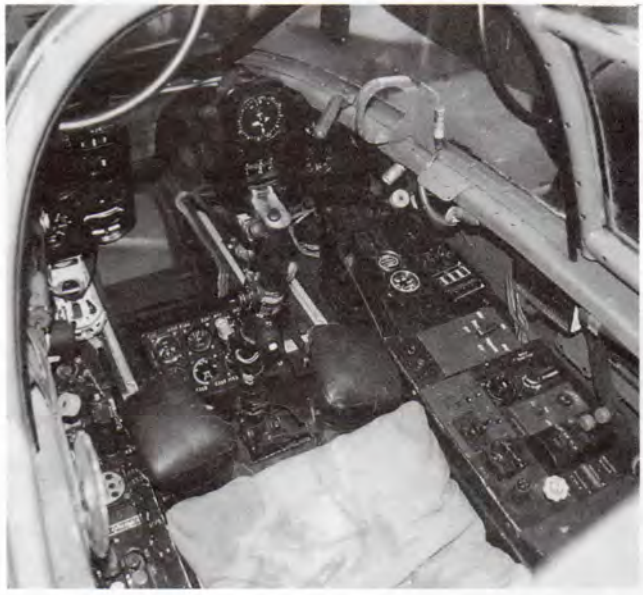
4. Glue the CONTROL COLUMN (55) into its hole in the FORWARD COCKPIT TUB (47)

5. Cement the PILOT'S SEAT BACK (51) in place in the FORWARD COCKPIT TUB (47).

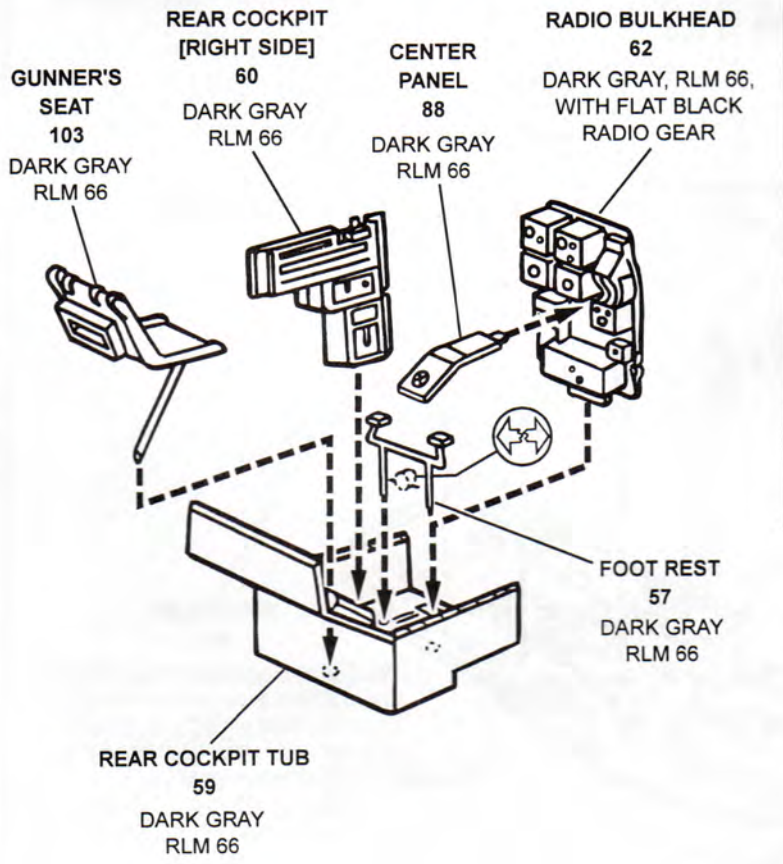
6. Glue the THROTTLES (50) to the left side console in the FORWARD COCKPIT TUB. (47).

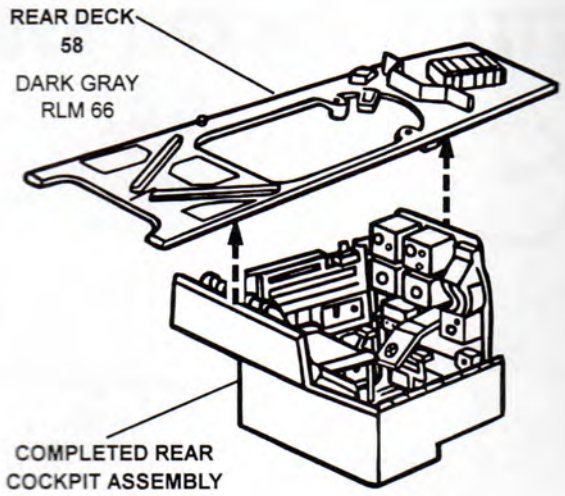
PAINTING TIP: Run a little gray wash around the details inside the cockpit to make them stand out better. Dry brush a little steel color on the floor, rudder pedals, and the control column to present a more weathered appearance.

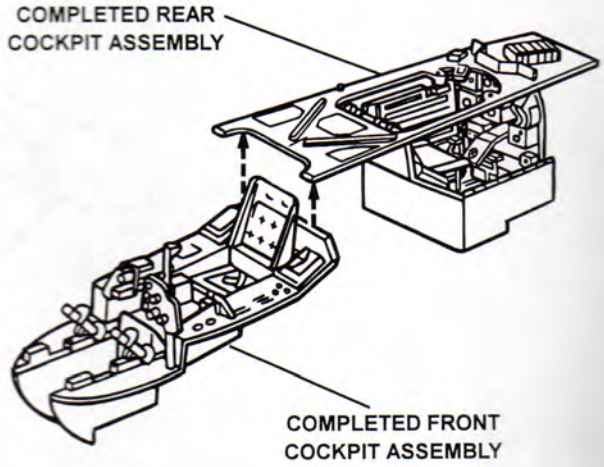
NOTE: Although it is designed primarily for the Bf-109, the ProModeler after-market decal sheet, 88-1017, provides individual German World War II instruments in 1/48th scale. These will prove helpful in representing the instruments in the Me 410's cockpit. Using these decals is much easier than trying to paint the details of each instrument.

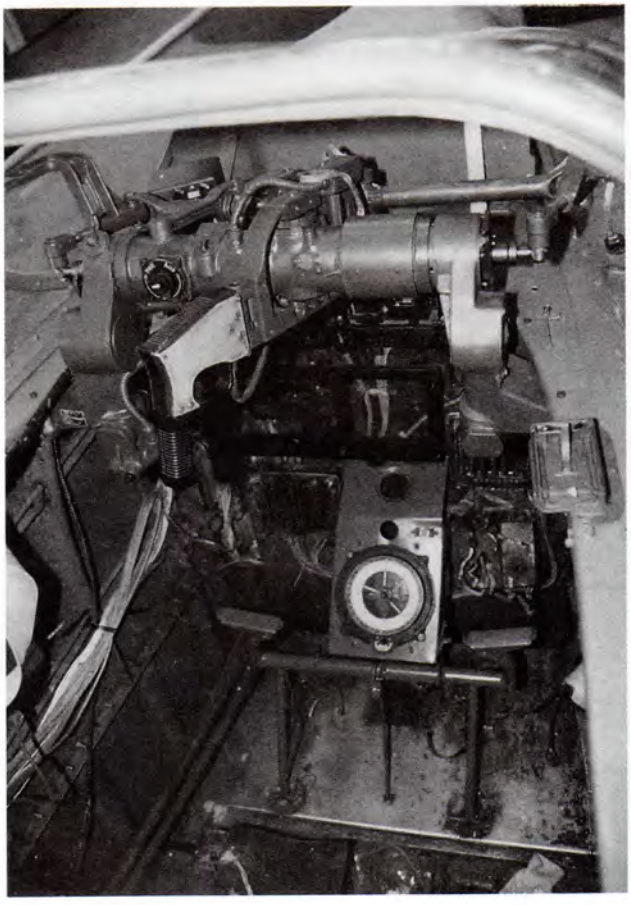


Although taken in a restored aircraft, this photograph shows the layout of the pilot's cockpit in an Me 410B. The basic cockpit color was DARK GRAY, RLM 66, while the instrument panel and some of the panels on the side consoles were flat black. Details on the instruments were flat white or a very pale yellow. The seat belts and shoulder harnesses were light gray or off white.









STEP 1, COCKPIT ASSEMBLY, CONTINUED

7. Cement the REAR GUNNER'S SEAT (103) into the REAR COCKPIT TUB (59) as illustrated in the top left drawing.

8. Carefully cut away the excess plastic from the FOOT REST (57), then glue the part into the REAR COCKPIT TUB (59).

9. Glue the REAR COCKPIT [RIGHT SIDE] (60) into the REAR COCKPIT TUB (59).

10. Cement the CENTER PANEL (88) on to the RADIO BULKHEAD (62).

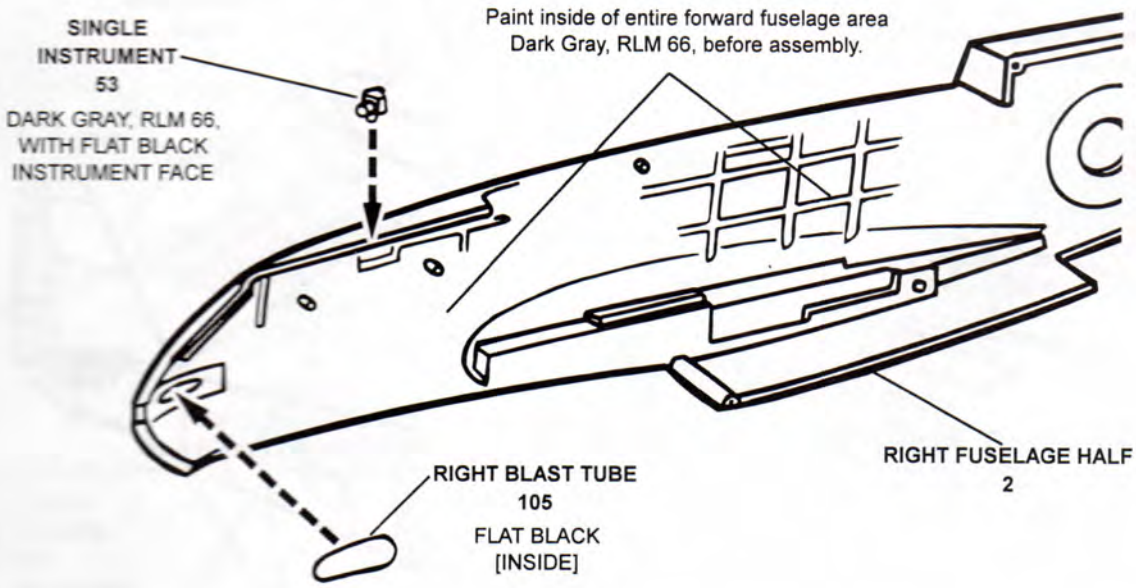
11. Glue the RADIO BULKHEAD (62) on to the rear of the REAR COCKPIT TUB (59).

12. Cement the REAR DECK (58) to the top of the COMPLETED REAR COCKPIT ASSEMBLY as shown in the top right drawing.

13. Carefully join the COMPLETED FRONT COCKPIT ASSEMBLY to the COMPLETED REAR COCKPIT ASSEMBLY as indicated in the lower right drawing.

Left: This photograph shows details inside the rear cockpit. It looks aft at the black radio equipment. The sight mount and control handle for the rear machine guns can be seen near the top of the photo. These items will be installed in the model during Step 3.

STEP 2, FUSELAGE ASSEMBLY

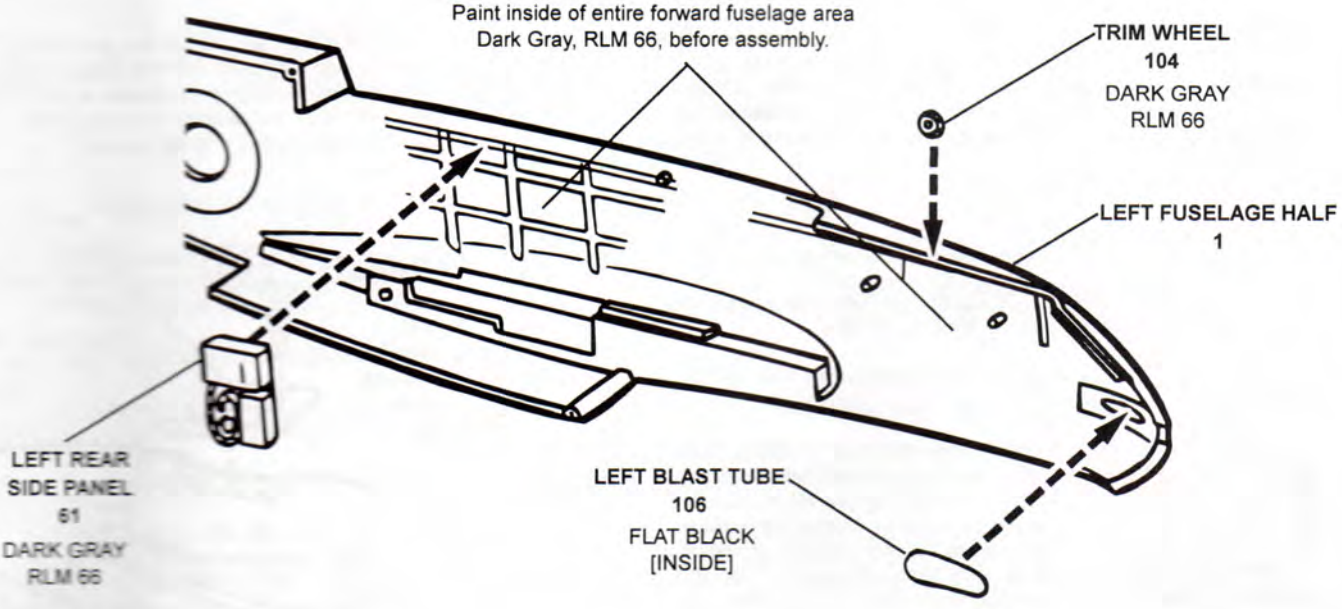


PAINT ALL PARTS BEFORE ASSEMBLY.

1. Paint the inside of both fuselages halves Dark Gray, RLM 66, before assembly. This is the area where the cockpits will be added later in this step.

2. Glue the SINGLE INSTRUMENT (53) to the RIGHT FUSELAGE HALF (2).

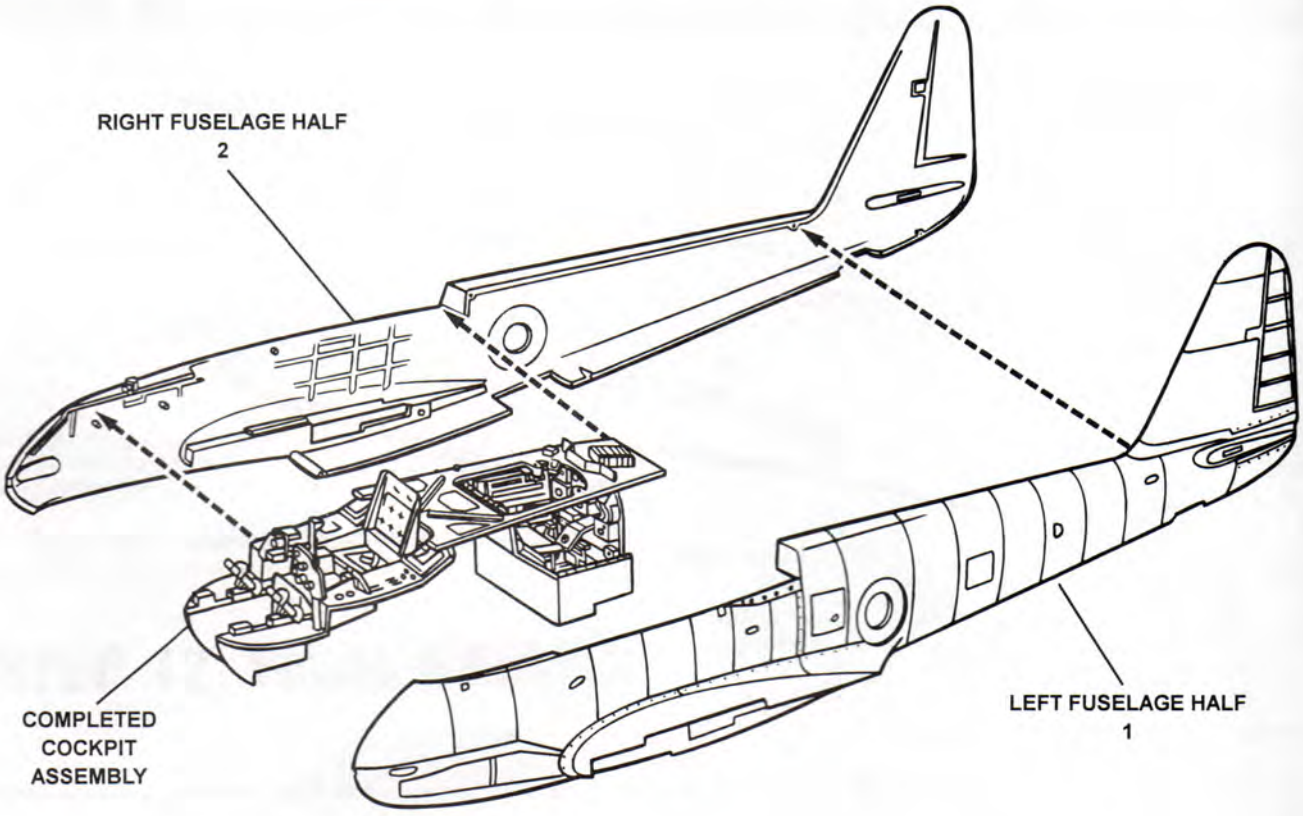
3. Cement the RIGHT BLAST TUBE (105) to the inside of the RIGHT FUSELAGE HALF (2).



4. Glue the TRIM WHEEL (104) to the LEFT FUSELAGE HALF (1).

5. Cement the LEFT BLAST TUBE (106) inside the LEFT FUSELAGE HALF (1).

7. Glue the LEFT REAR SIDE PANEL (61) inside the LEFT FUSELAGE HALF (1).



STEP 2, FUSELAGE ASSEMBLY, CONTINUED

8. Carefully glue the COMPLETED COCKPIT ASSEMBLY inside the RIGHT FUSELAGE HALF (2). Check the alignment of parts before the glue sets.

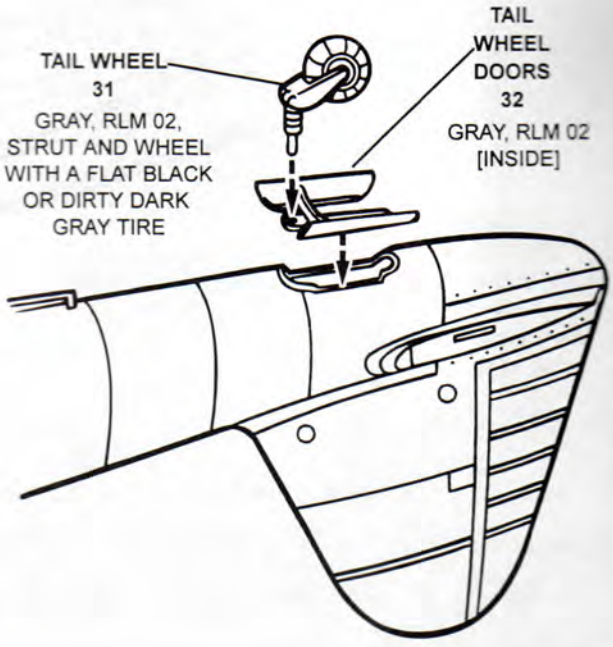
9. Cement the LEFT FUSELAGE HALF (1) to the RIGHT FUSELAGE HALF (2).

MODELING TIP: Hold the two fuselage halves together with rubber bands until the glue has set. Once the glue is dry, remove the rubber bands and check the seam where the two fuselage halves were joined together. Fill any cracks with modeling putty. After the putty has dried, carefully sand the putty smooth with wet-dry modeling sandpaper available from better hobby shops. When you are finished sanding, airbrush some flat gray paint over the seam to act as a primer. Recheck for any cracks and refill and sand if necessary. Be careful not to spray any gray paint into the cockpit area.

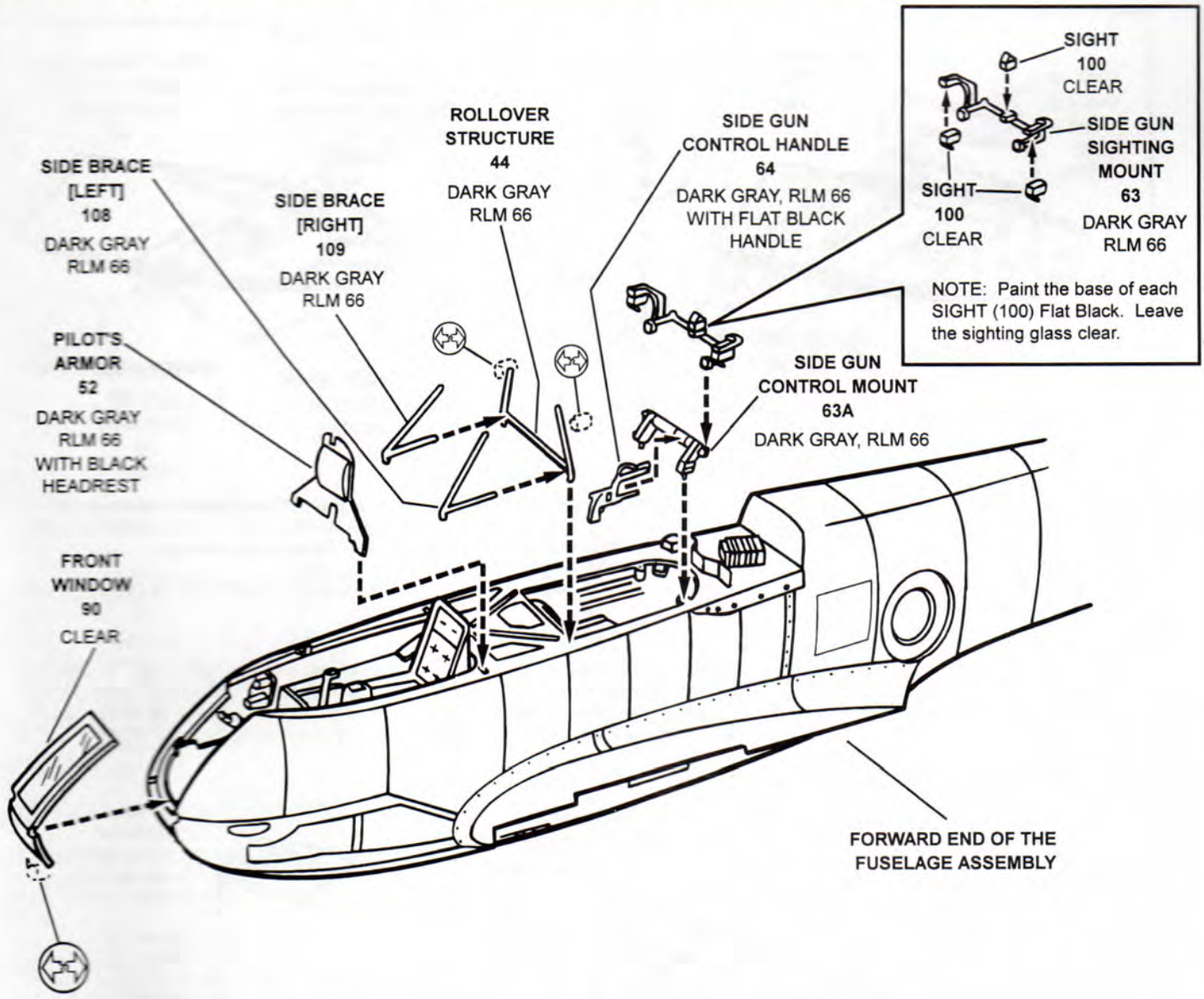
10. Glue the TAIL WHEEL DOORS (32) to the underside of the rear fuselage as illustrated in the drawing at right.

11. Cement the TAIL WHEEL (31) to the hole in the TAIL WHEEL DOORS (32).

PAINTING TIP: Many modelers use flat black paint on tires. But the rubber on aircraft tires weathers to a dark or medium gray during operation. German aircraft in World War II often operated from dirt or grass fields which often became muddy. Try painting the wheels on your model dark gray. Then run some black wash into the grooves and treads. You can also use some muddy brown or tan wash on the tire to represent stains acquired during operations from dirt fields. Pastel chalks can also be used to weather tires and other parts of the model. A little black wash will weather the strut part of the tail wheel assembly as well. Washes are simply paint that has been thinned considerably by paint thinner.



STEP 3, COCKPIT DETAILS & NOSE GUNS



PAINT ALL PARTS BEFORE ASSEMBLY.

1. Break off the excess plastic parts from the ROLLOVER STRUCTURE (44), then glue it in place between the cockpits as shown in the drawing.

2. Cement the SIDE BRACE [LEFT] (108) to the left side of the ROLLOVER STRUCTURE (44) and the top of the cockpit area.

3. Glue the SIDE BRACE [RIGHT] (109) to the right side of the ROLLOVER STRUCTURE (44) and the top of the cockpit area.

4. Cement the PILOT'S ARMOR (52) in place just behind the pilot's seat.

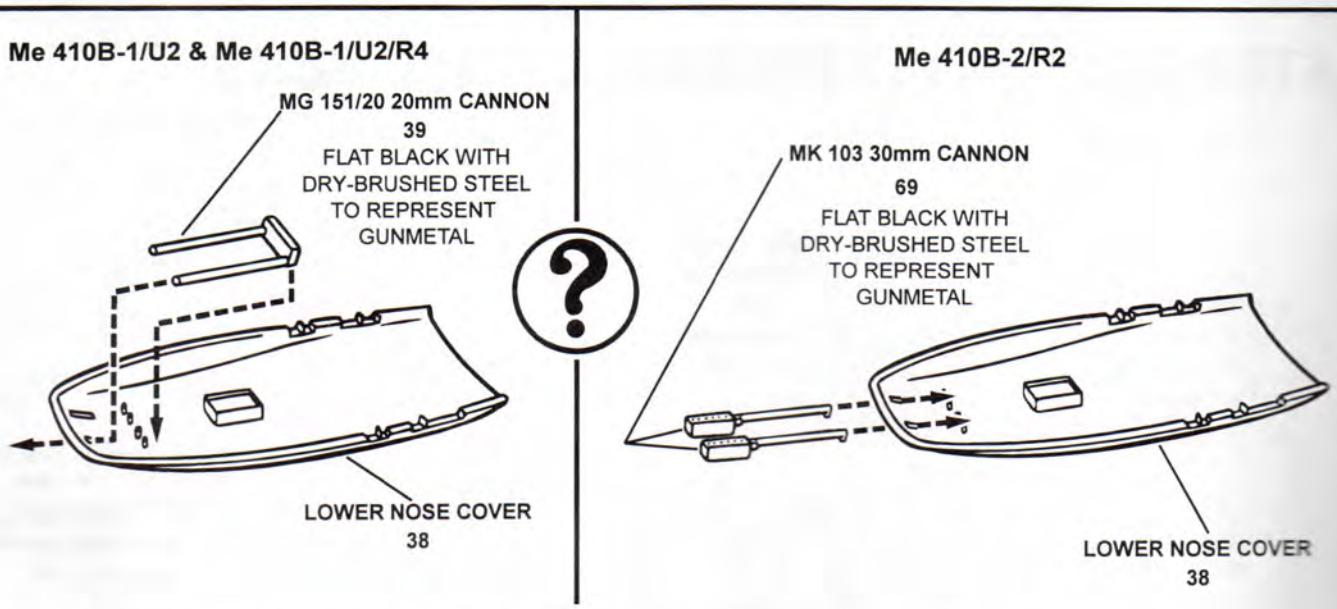
5. Glue the SIDE GUN CONTROL HANDLE (64) to the SIDE GUN CONTROL MOUNT (63A).

6. Attach the SIDE GUN CONTROL MOUNT (63A) to the top of the rear cockpit decking.

7. Paint the bases of the three SIGHTS (100) flat black while leaving the sighting glass clear, Then use a water-based white glue to attach three SIGHTS (100) to the SIDE GUN SIGHTING MOUNT (63) as shown in the detail drawing in the top right corner of this page.

8. Glue the completed SIDE GUN SIGHTING MOUNT (63) in place on the SIDE GUN CONTROL MOUNT (63A).

9. Carefully remove the excess plastic from the FRONT WINDOW (90). Then, using a water-based white glue, attach the FRONT WINDOW (90) to the front of the fuselage assembly. The framework on the window should be painted the same color as the surrounding fuselage, but check the last painting instructions at the end of this booklet for special directions concerning this window depending on which version of the Me 410 you are building.

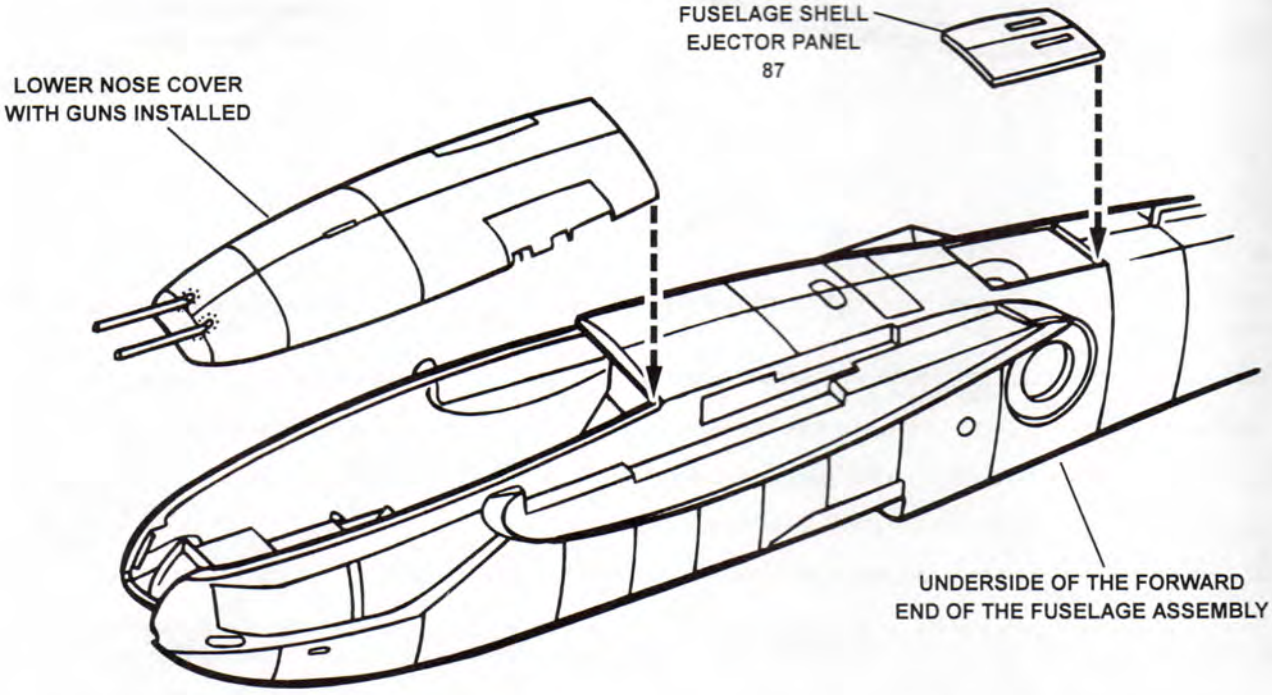


STEP 2, COCKPIT DETAILS AND NOSE GUNS, CONTINUED

10. Markings are provided for three different aircraft on the decal sheet in this kit. Look at the last four pages of this instruction booklet and decide which of these three aircraft you want to build. If you decide to build the Me 410B-1U2 or the Me 410B-1/U2/R4, glue the MG 151/20 20mm CANNON (39) into the LOWER NOSE COVER (38) as illustrated in the top right drawing.

11. If you decide to build the Me 410B-2/R2, glue the two MK 103 30mm CANNON (69) into the LOWER NOSE COVER (38) as shown in the top right drawing.

PAINTING TIP: Machine guns and cannon were really not flat black, particularly after enduring some use. To achieve a more realistic look to these weapons, first paint them flat black and allow the paint to dry completely. Next, lightly dry brush some steel colored paint over the flat black. This will give a gunmetal effect that will look far more realistic than the flat black paint alone. This method will work well with all machine guns and cannons on your models.

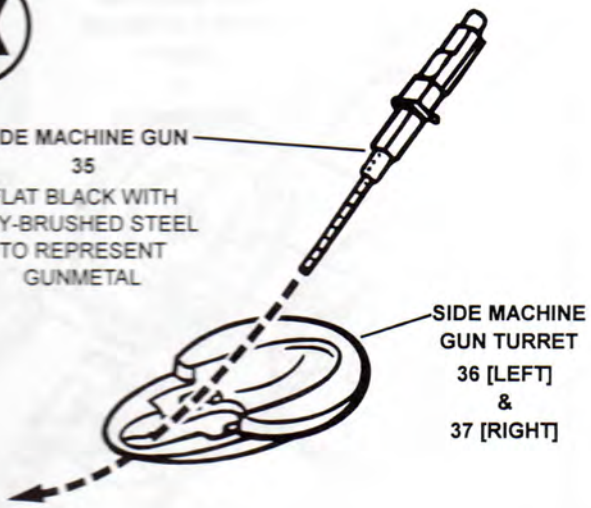


12. Glue the completed LOWER NOSE COVER WITH THE GUNS INSTALLED on to the lower fuselage assembly.

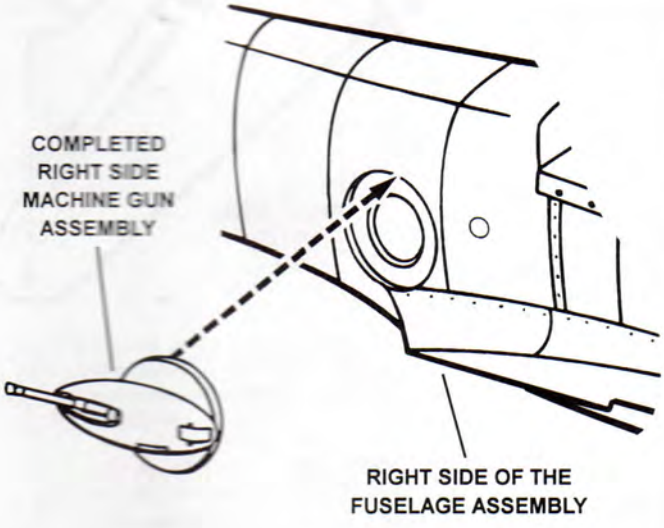
13. Cement the FUSELAGE SHELL EJECTOR PANEL (87) in place further aft on the underside of the fuselage.

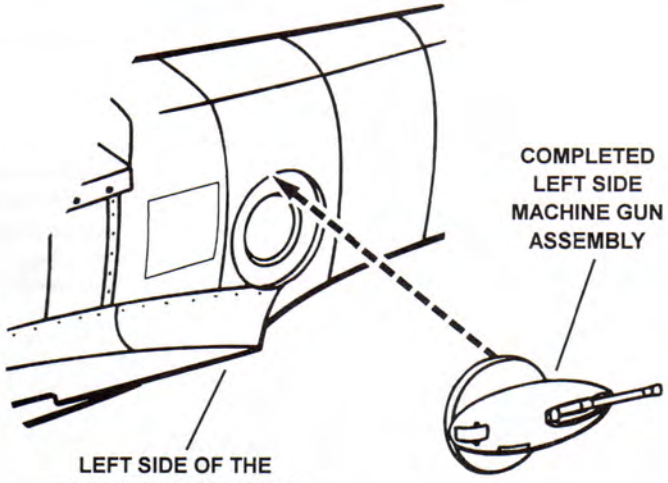
STEP 4, MACHINE GUN BARBETTES

2X



COMPLETED SIDE MACHINE GUN ASSEMBLY





PAINT ALL PARTS BEFORE ASSEMBLY.

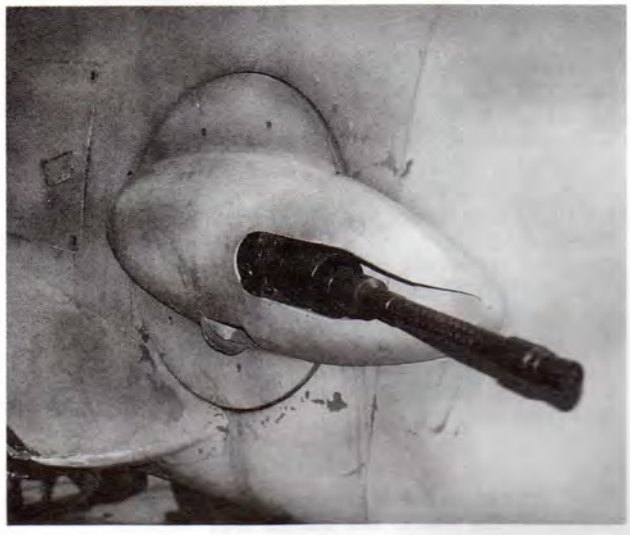
1. Make the left side machine gun barbette by gluing a SIDE MACHINE GUN (35) into the LEFT SIDE MACHINE GUN TURRET (36) as illustrated in the top drawing.

2. Make the right side machine gun barbette by gluing a second SIDE MACHINE GUN (35) into the RIGHT SIDE MACHINE GUN TURRET (37).

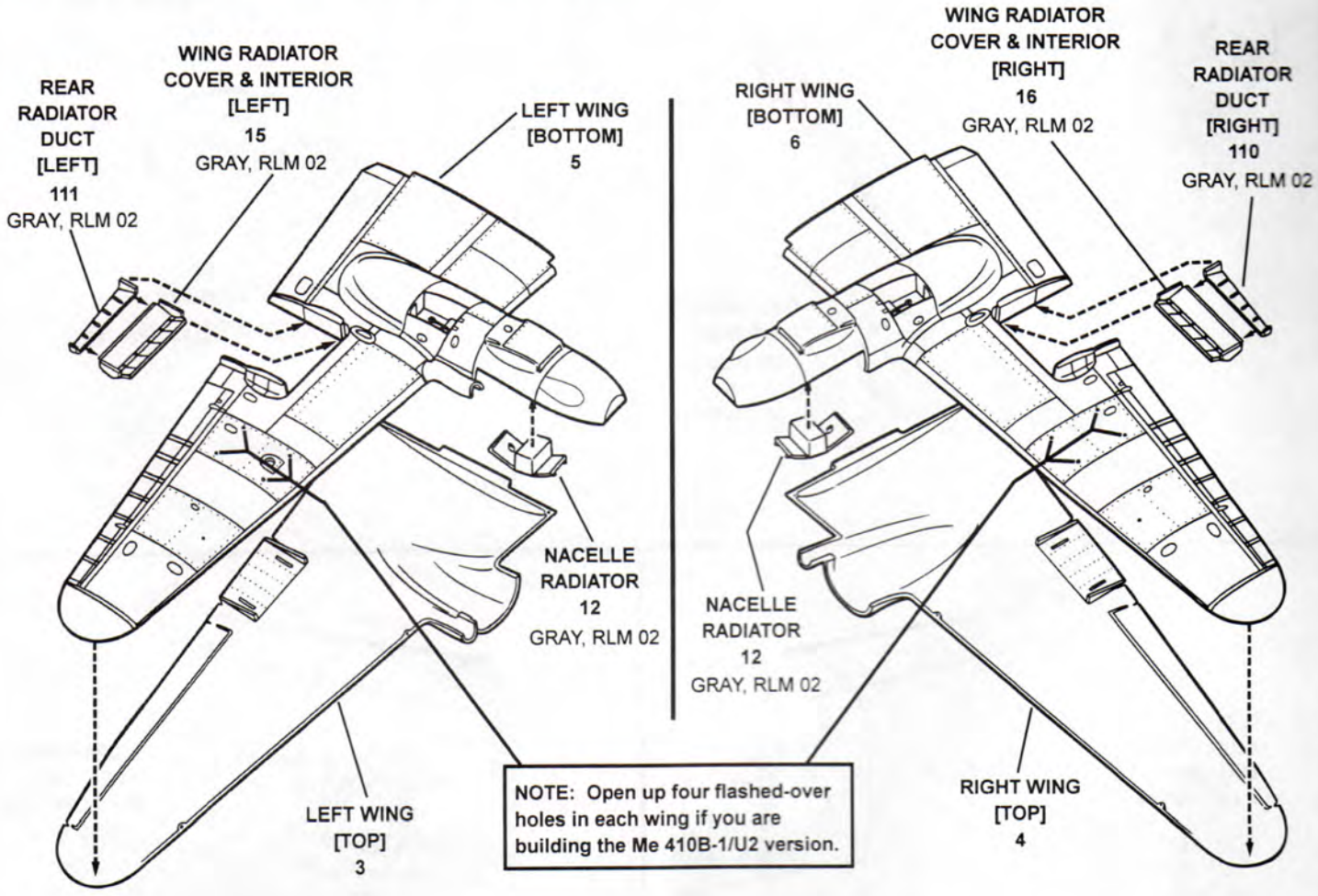
3. Glue the COMPLETED RIGHT SIDE MACHINE GUN ASSEMBLY to the RIGHT SIDE OF THE FUSELAGE ASSEMBLY as shown in the lower left drawing.

4. Cement the COMPLETED LEFT MACHINE GUN ASSEMBLY to the LEFT SIDE OF THE FUSELAGE ASSEMBLY as indicated in the lower right drawing.

Right: This close-up provides a good look at the details of the machine gun barbette on the left side.



STEP 5, WING ASSEMBLY



PAINT ALL PARTS BEFORE ASSEMBLY.

1. Glue the WING RADIATOR COVER & INTERIOR [LEFT] (15) to the LEFT WING [BOTTOM] (5).

2. Cement the REAR RADIATOR DUCT [LEFT] (111) to the LEFT WING [BOTTOM] (5) just behind the WING RADIATOR COVER & INTERIOR [LEFT] (15).

3. Glue a NACELLE RADIATOR (12) inside the LEFT WING [BOTTOM] (5) as shown in the drawing at left.

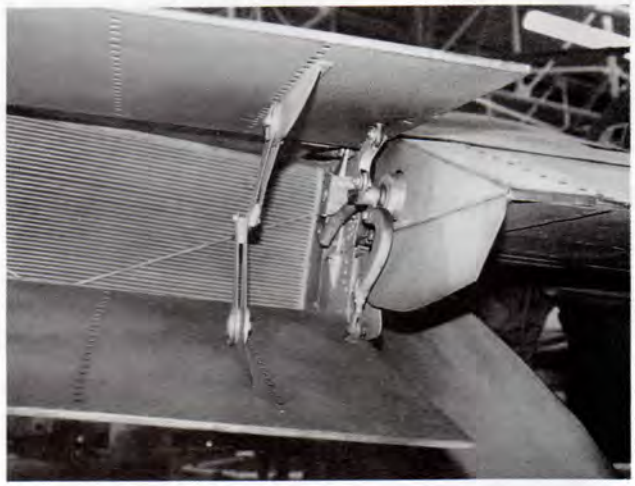
4. Cement the LEFT WING [TOP] (3) to the LEFT WING [BOTTOM] (5).

5. Glue the WING RADIATOR COVER & INTERIOR [RIGHT] (16) to the RIGHT WING [BOTTOM] (6).

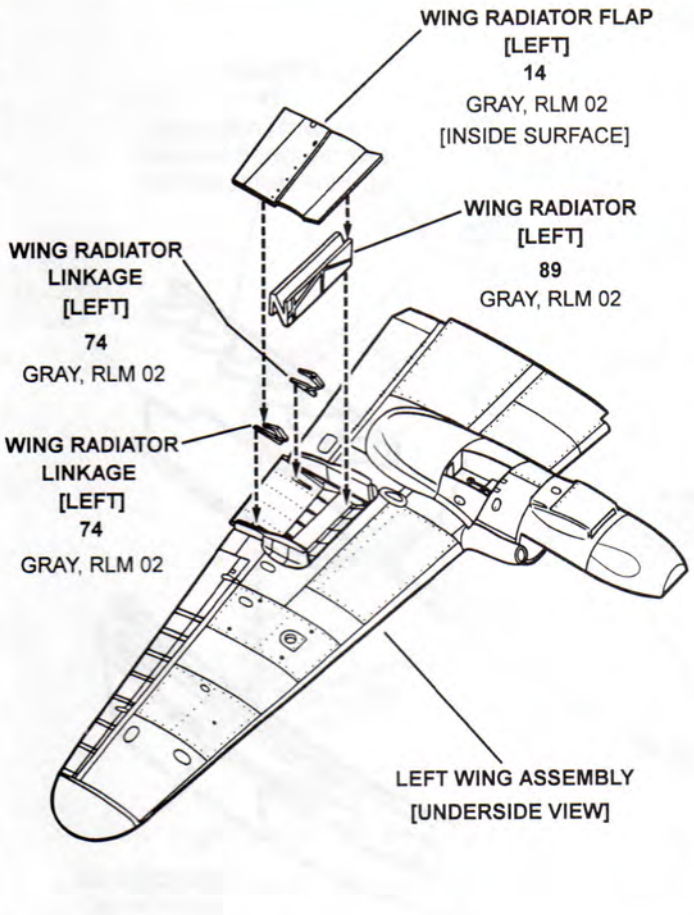
6. Cement the REAR RADIATOR DUCT [RIGHT] (110) to the RIGHT WING [BOTTOM] (6) just behind the WING RADIATOR COVER & INTERIOR [RIGHT] (16).

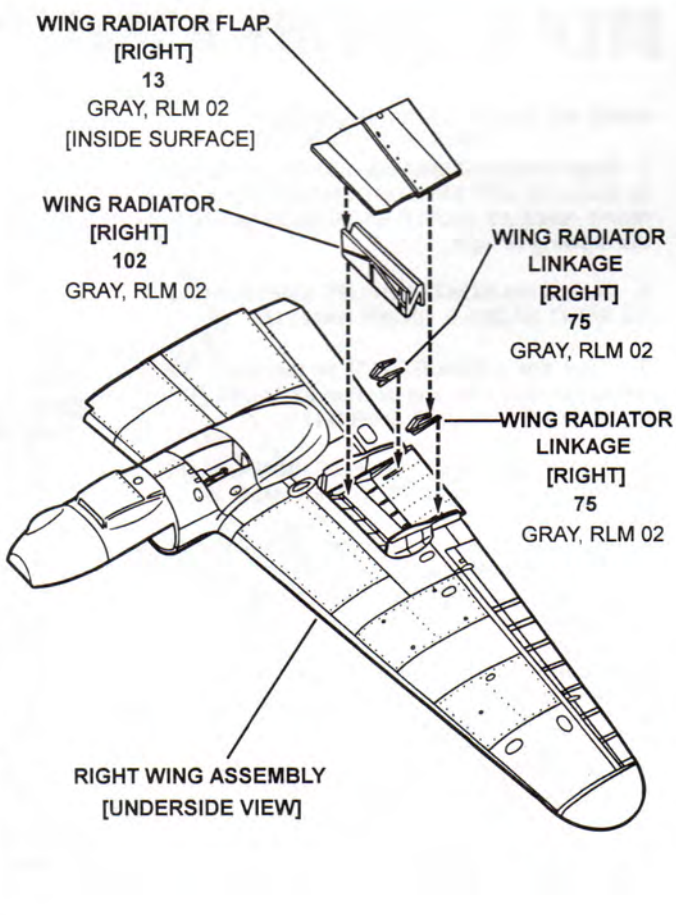
7. Glue a NACELLE RADIATOR (12) inside the RIGHT WING [BOTTOM] (6) as shown in the drawing at right.

8. Cement the RIGHT WING [TOP] (4) to the RIGHT WING [BOTTOM] (6).



Right: Part of the inside of the left wing radiator can be seen in this view. The interior was painted Gray, RLM 02.





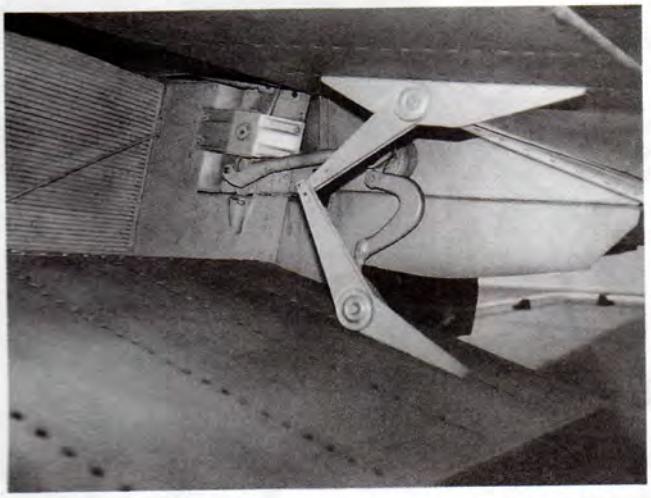
STEP 5, WING ASSEMBLY, CONTINUED

9. Glue two WING RADIATOR LINKAGES [LEFT] (74) to the LEFT WING ASSEMBLY as shown in the drawing at left.

10. Glue the WING RADIATOR FLAP [LEFT] (14) to the WING RADIATOR [LEFT] (89), then glue this assembly in place on the LEFT WING ASSEMBLY.

11. Cement two WING RADIATOR LINKAGES [RIGHT] (75) to the RIGHT WING ASSEMBLY as shown in the drawing at right.

12. Cement the WING RADIATOR FLAP [RIGHT] (13) to the WING RADIATOR [RIGHT] (102), then glue this assembly in place on the RIGHT WING ASSEMBLY.



These photographs provide two views of the outer linkage inside the right wing radiator. They should help you properly position the parts shown in the drawings above.

STEP 6, ENGINE ASSEMBLY

PAINT ALL PARTS BEFORE ASSEMBLY.

1. Begin construction of the right engine nacelle by gluing the LEFT EXHAUST SHIELD (70) to the RIGHT NACELLE [OUTER HALF] (9) as shown in the drawing at right.

2. Cement the RIGHT EXHAUST SHIELD (71) to the RIGHT NACELLE, [INNER HALF] (7).

3. Glue one EXHAUST (11) to the LEFT EXHAUST SHIELD (70) and another EXHAUST (11) to the RIGHT EXHAUST SHIELD (71).

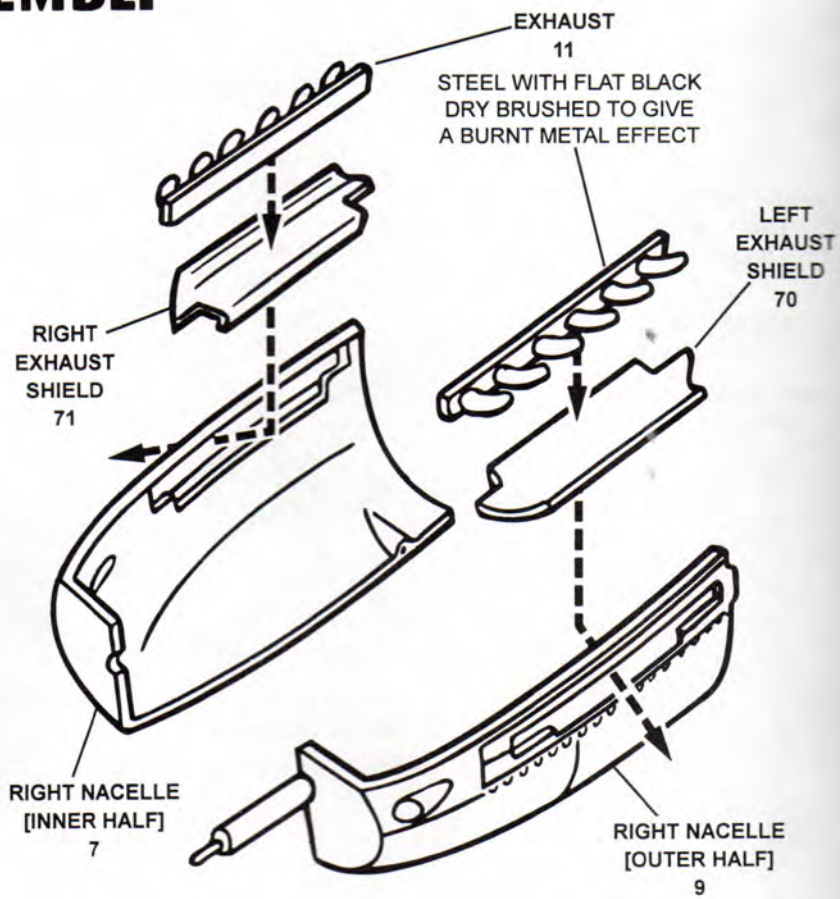
4. Cement the RIGHT NACELLE [INNER HALF] (7) to the RIGHT NACELLE [OUTER HALF] (9).

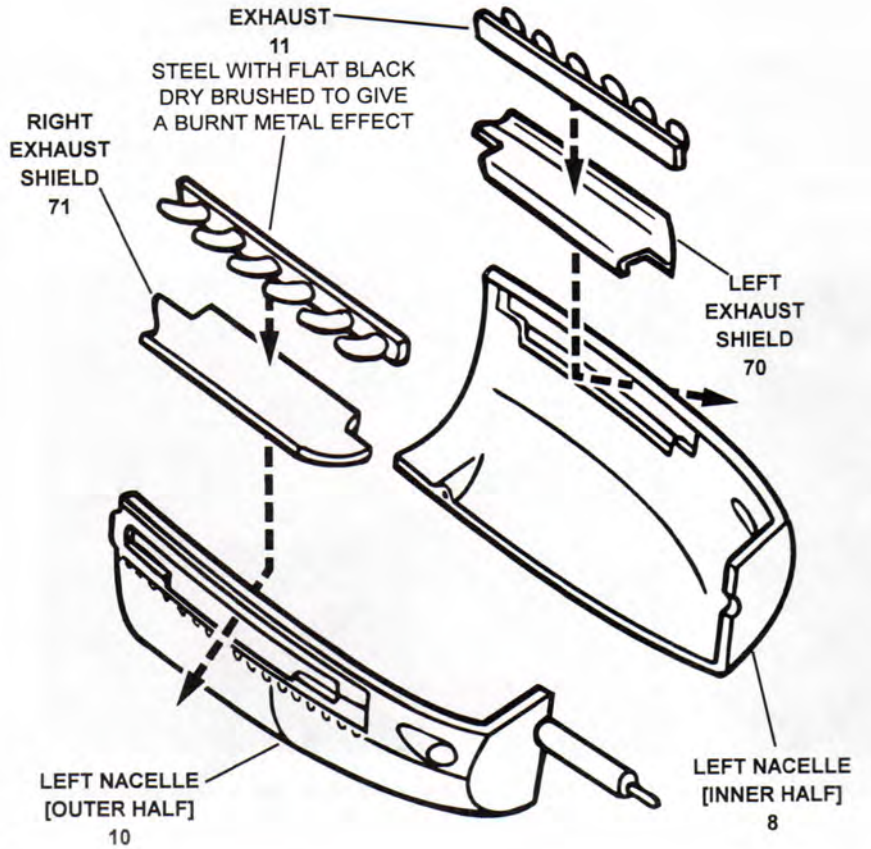
5. The drawing below shows the construction of the left engine nacelle. First, glue the LEFT EXHAUST SHIELD (70) to the LEFT NACELLE [INNER HALF] (8).

6. Cement the RIGHT EXHAUST SHIELD (71) to the LEFT NACELLE [OUTER HALF] (10).

7. Glue one EXHAUST (11) to the LEFT EXHAUST SHIELD (70) and another EXHAUST (11) to the RIGHT EXHAUST SHIELD (71).

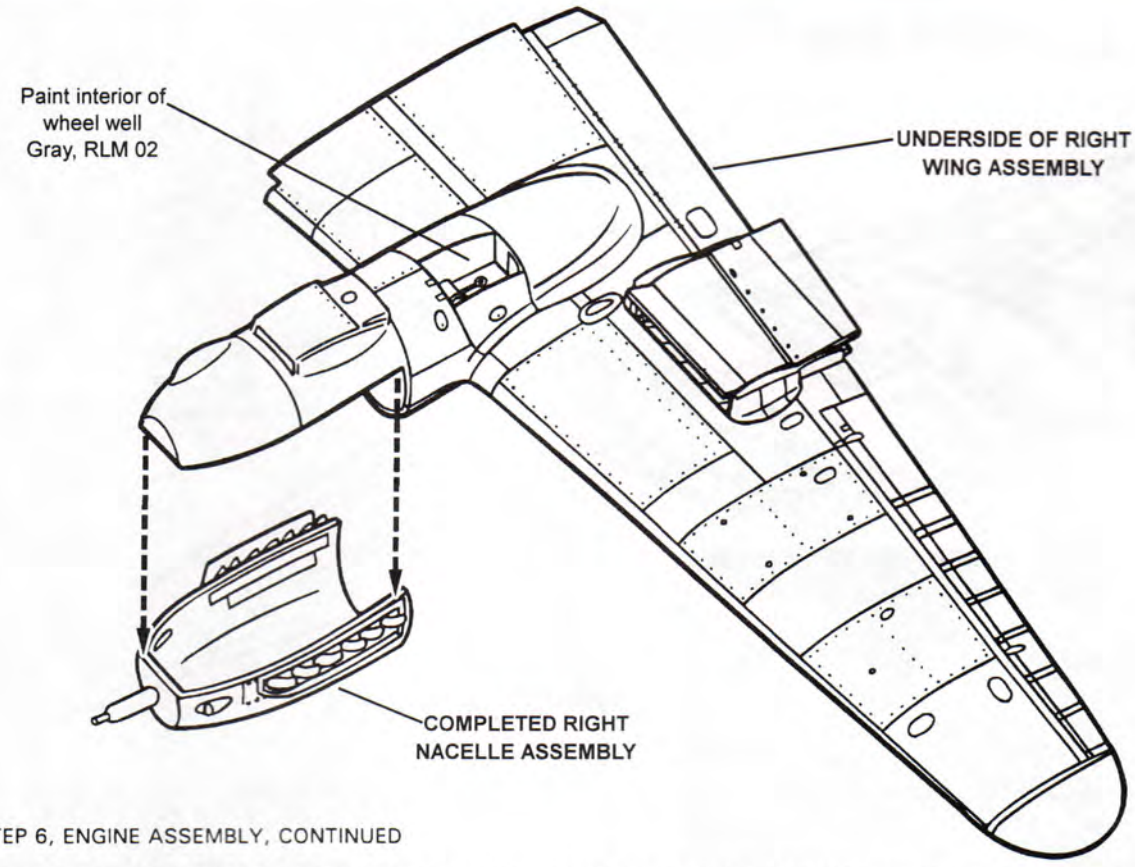
8. Cement the LEFT NACELLE [INNER HALF] (8) to the LEFT NACELLE [OUTER HALF] (10).





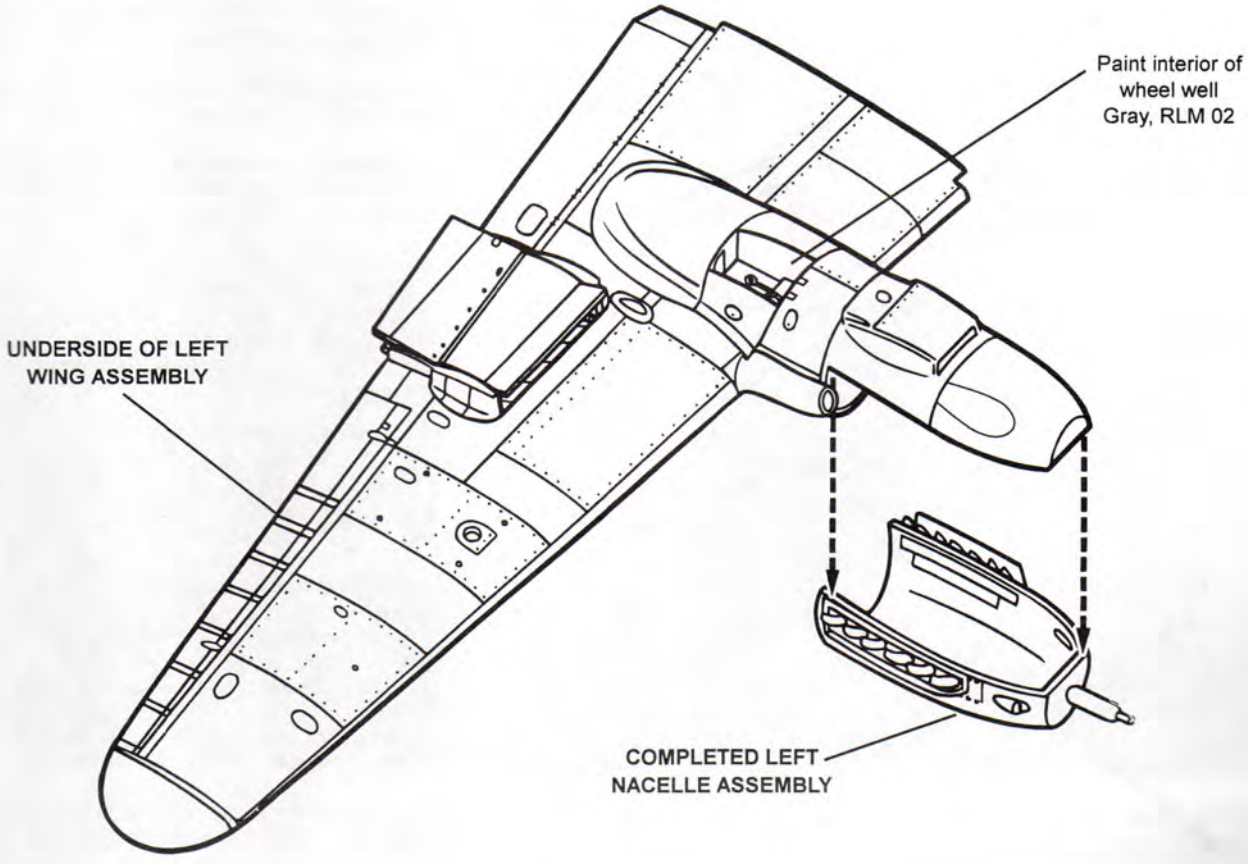
PAINTING TIP: To give the exhausts a burnt metal look, first paint them a steel color. Once this has dried, dry brush some flat black paint over it. After the entire model is painted, black or dark gray pastel chalk can be brushed along the sides of the nacelles and under the wings behind each exhaust to represent exhaust smudges.

The complete left engine nacelle is shown here. Note the radiator under the nacelle and the exhaust along the side.

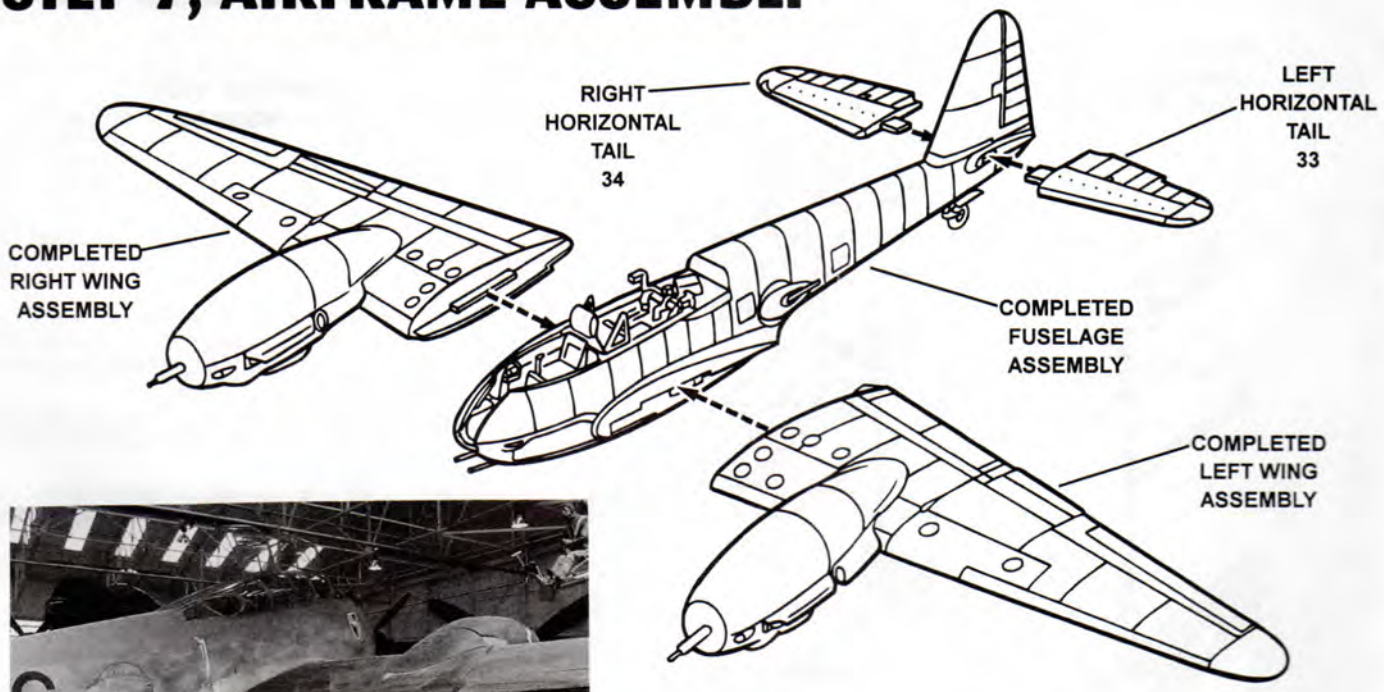


STEP 6, ENGINE ASSEMBLY, CONTINUED

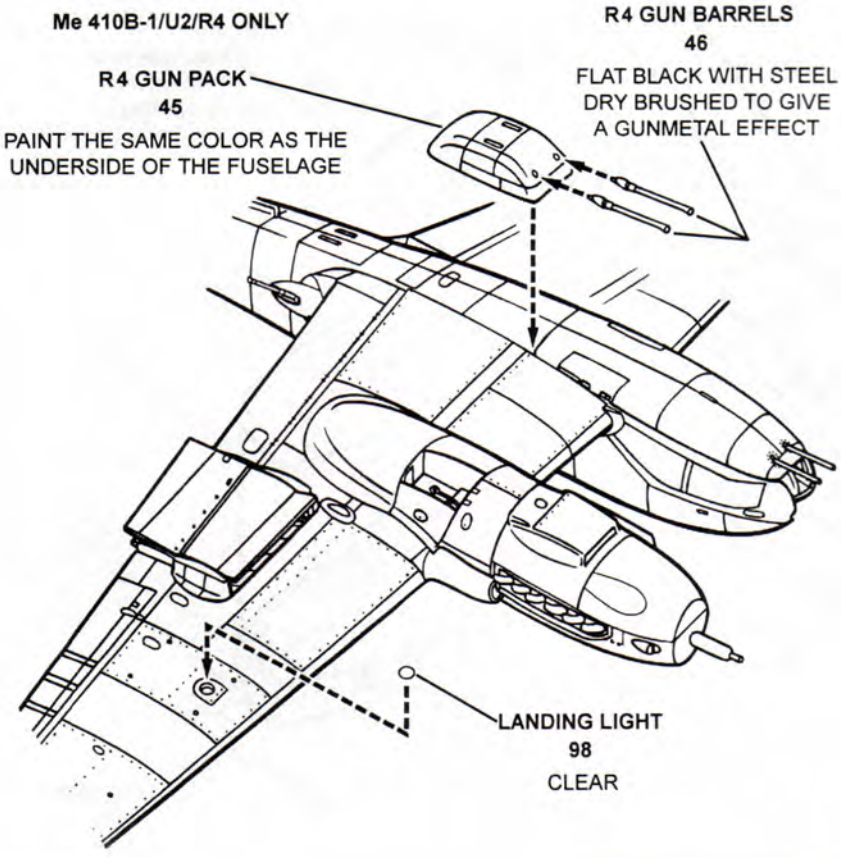
9. Cement the COMPLETED RIGHT NACELLE ASSEMBLY to the RIGHT WING ASSEMBLY as shown in the drawing above.
10. Glue the COMPLETED LEFT NACELLE ASSEMBLY to the LEFT WING ASSEMBLY as illustrated in the drawing below.
11. Paint the interior of each main wheel well Gray, RLM 02.



STEP 7, AIRFRAME ASSEMBLY



This photograph shows where the right wing joins the fuselage. The joint is rounded and smooth.



PAINT PARTS 33 AND 34 AFTER ASSEMBLY. PAINT ALL OTHER PARTS BEFORE ASSEMBLY.

1. Refer to the drawing above and glue the COMPLETED RIGHT WING ASSEMBLY to the COMPLETED FUSELAGE ASSEMBLY.

2. Cement the COMPLETED LEFT WING ASSEMBLY to the COMPLETED FUSELAGE ASSEMBLY.

3. Glue the LEFT HORIZONTAL TAIL (33) to the COMPLETED FUSELAGE ASSEMBLY.

4. Cement the RIGHT HORIZONTAL TAIL (34) to the COMPLETED FUSELAGE ASSEMBLY.

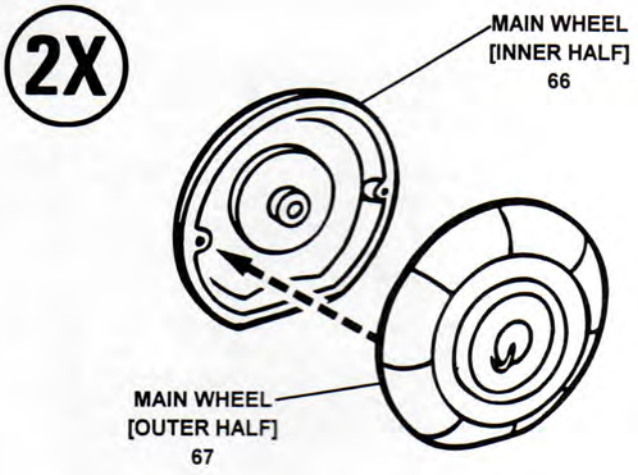
5. Carefully check the alignment of the wings and horizontal tails before the glue sets. Make any adjustments as necessary.

6. If you have decided to build the Me 410B-1/U2/R4 version, glue two R4 GUN BARRELS (46) to the R4 GUN PACK (45) as illustrated in the drawing to the left. Do not use these parts for the other two versions represented on the decal sheet.

PAINTING TIP: Now is the best time to paint the camouflage scheme on your model. First, check the seams where the wings and horizontal tails join the fuselage. Fill any cracks with modeling putty and sand and prime as necessary. Then cover the cockpit areas, wheel wells, gun barrels, and tail wheel with low-tack tape and/or tissue paper. Refer to the last four pages of this instruction booklet and paint the camouflage scheme of your choice on the model. When finished, set the model aside to dry completely before continuing with the assembly.

7. Use a water-based white glue and attach the LANDING LIGHT (98) to the underside of the left wing.

STEP 8, LANDING GEAR ASSEMBLY



The wheels are Gray, RLM 02, with Flat Black or dirty Dark Gray tires.

PAINT PARTS 66 AND 67 AFTER ASSEMBLY. PAINT ALL OTHER PARTS BEFORE ASSEMBLY.

1. Make one main landing gear wheel and tire by gluing a MAIN WHEEL [INNER HALF] (66) to a MAIN WHEEL [OUTER HALF] (67) as illustrated in the drawing at left.

2. Make as second main landing gear wheel and tire by gluing a second MAIN WHEEL [INNER HALF] (66) to a second MAIN WHEEL [OUTER HALF] (67).

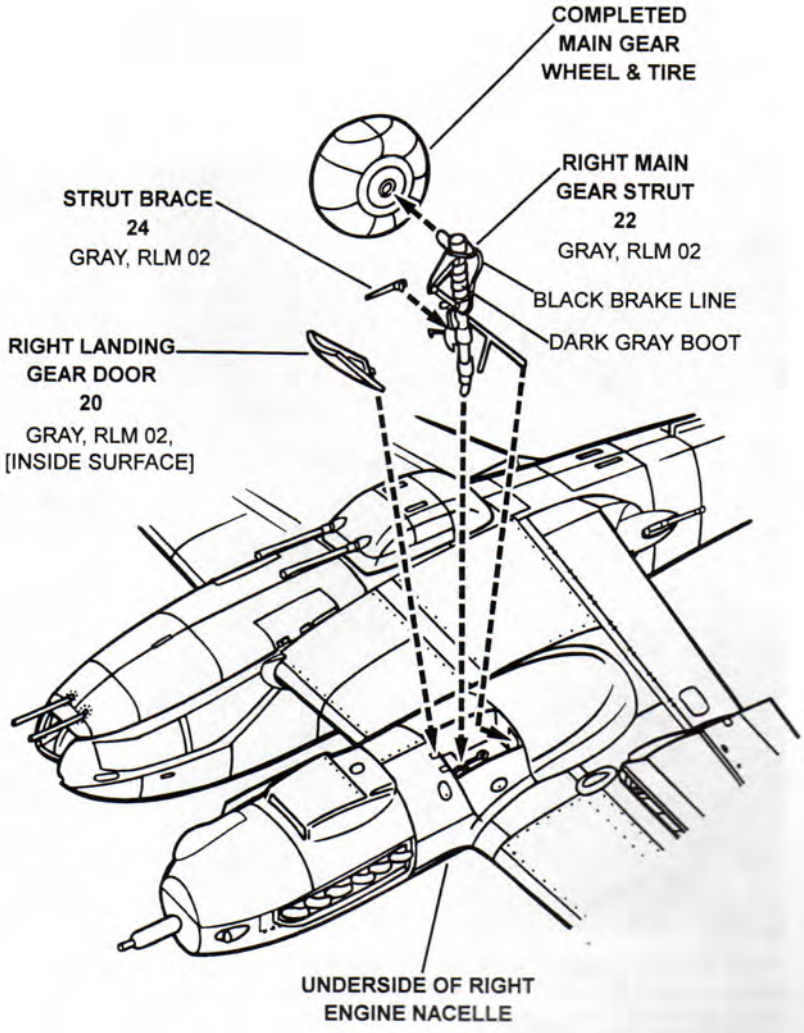
3. Paint and weather the two tires as described in the PAINTING TIP found in Step 2, Item 11.

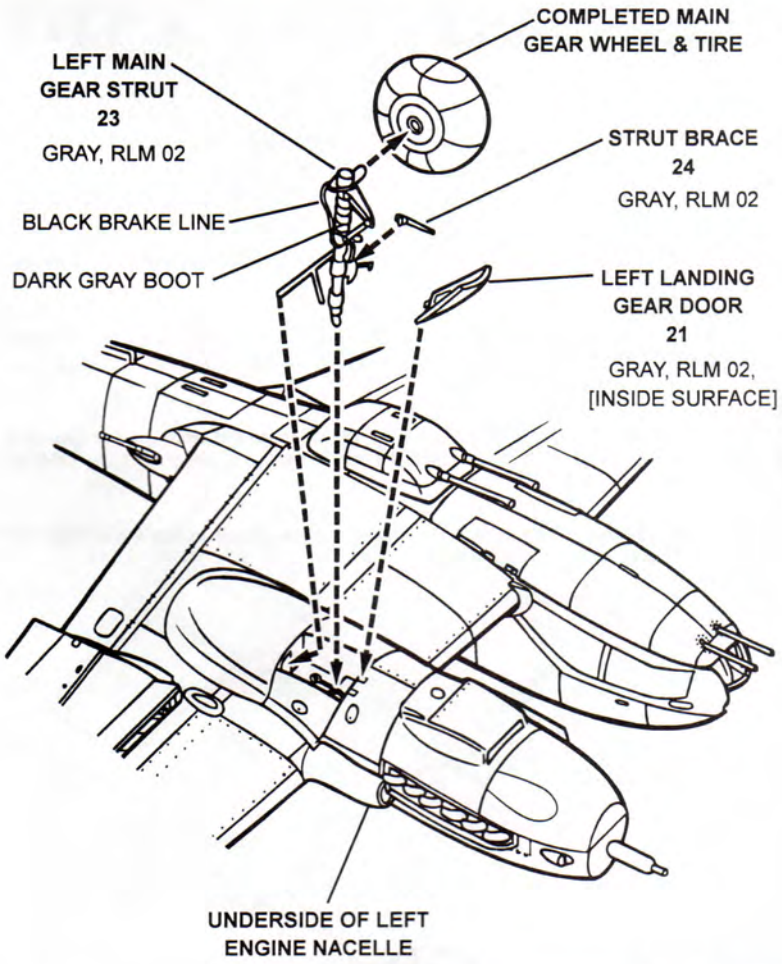
4. Refer to the drawing at right and glue the RIGHT MAIN GEAR STRUT (22) to the inside of the gear well in the UNDERSIDE OF THE RIGHT ENGINE NACELLE.

5. Carefully cement the STRUT BRACE (24) between the RIGHT MAIN GEAR STRUT (22) and the inner wall of the wheel well. See the right photograph at the bottom of the next page for help in correctly locating this part.

6. Glue the RIGHT LANDING GEAR DOOR (20) in place at the leading edge of the main gear well on the UNDERSIDE OF THE RIGHT ENGINE NACELLE. Again, refer to the photographs at the bottom of the next page for help in correctly locating this part and for positioning it at the correct angle.

7. Glue one of the COMPLETED MAIN GEAR WHEEL & TIRES to the RIGHT MAIN GEAR STRUT (22). Be sure that the flat or weighted part of the tire is down and fits squarely on a flat surface.





STEP 8, LANDING GEAR ASSEMBLY, CONTINUED.

8. Glue the LEFT MAIN GEAR STRUT (23) to its hole inside the main gear well on the UNDERSIDE OF THE LEFT ENGINE NACELLE.

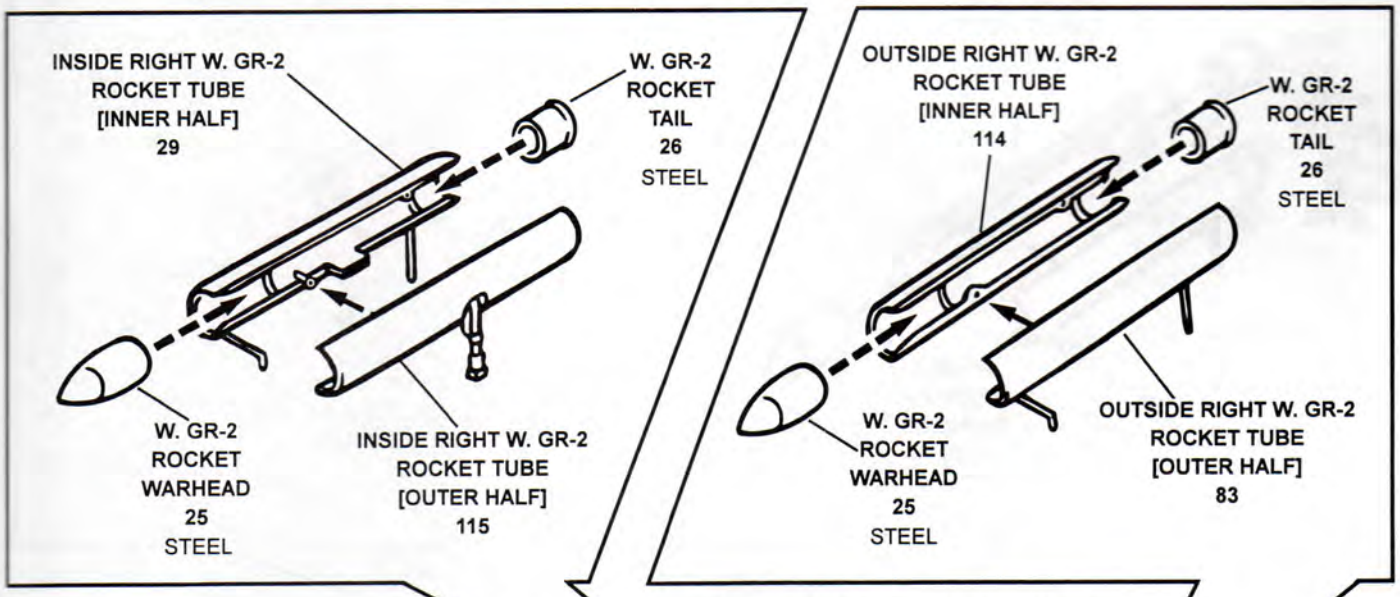
9. Cement the STRUT BRACE (24) between the LEFT MAIN GEAR STRUT (23) and the inside wall of the main gear well. Refer to the lower right photograph on this page to see the correct location of this part.

10. Glue the LEFT LANDING GEAR DOOR (21) to the forward end of the left landing gear well on the UNDERSIDE OF THE LEFT ENGINE NACELLE. The two photographs at the bottom of this page show the correct position and angle of this part.

11. Cement the remaining COMPLETED MAIN GEAR WHEEL & TIRE to the LEFT MAIN GEAR STRUT (23). Again, make sure the weighted or flat part of the tire is down and fits squarely on a flat surface.

These two photographs show the left main landing gear from two different angles. The right main landing gear would be a mirror image of what is shown here. Note the strut brace between the main strut and the inner wall of the landing gear well. The boots which cover the oleos on this display aircraft have been removed and replaced with a metal sleeve. Otherwise, the details of the landing gear are as they would have been on an operational aircraft.

STEP 9, UNDERWING DETAILS



NOTE: ROCKETS ARE FOR THE Me 410B-1/U2 VERSION ONLY.

PAINT ALL PARTS WHEN INDICATED IN THE ITEMS BELOW.

1. Remove the excess plastic parts from two AILERON MASS BALANCES (76) and glue them to the UNDERSIDE OF THE RIGHT WING as shown in the drawing to the right. Use a small paint brush and paint these mass balances the same color as the underside of the wing.

NOTE: The underwing rocket tubes are for use on the Me 410B-1/U2 only. If you are building either of the other two versions for which markings are provided on the decal sheet, DO NOT use these parts.

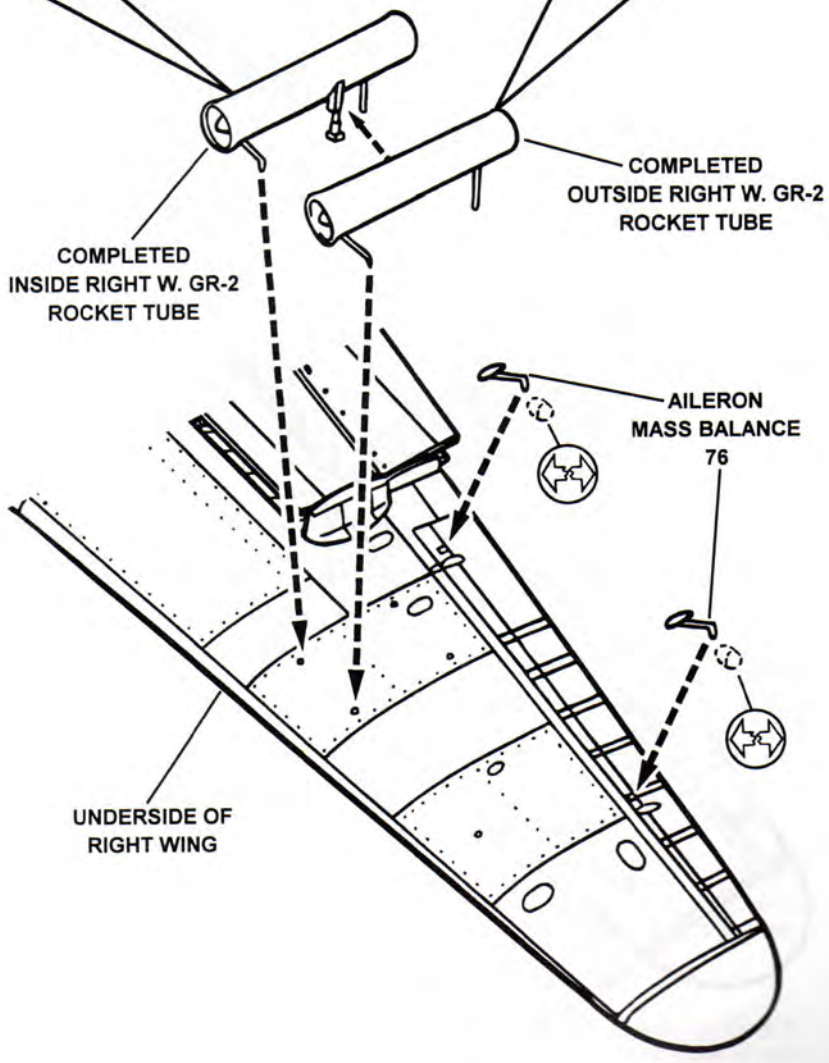
2. Glue the INSIDE RIGHT W. GR-2 ROCKET TUBE [INNER HALF] (29) to the INSIDE RIGHT W. GR-2 ROCKET TUBE [OUTER HALF] (115) as illustrated in the top left drawing.

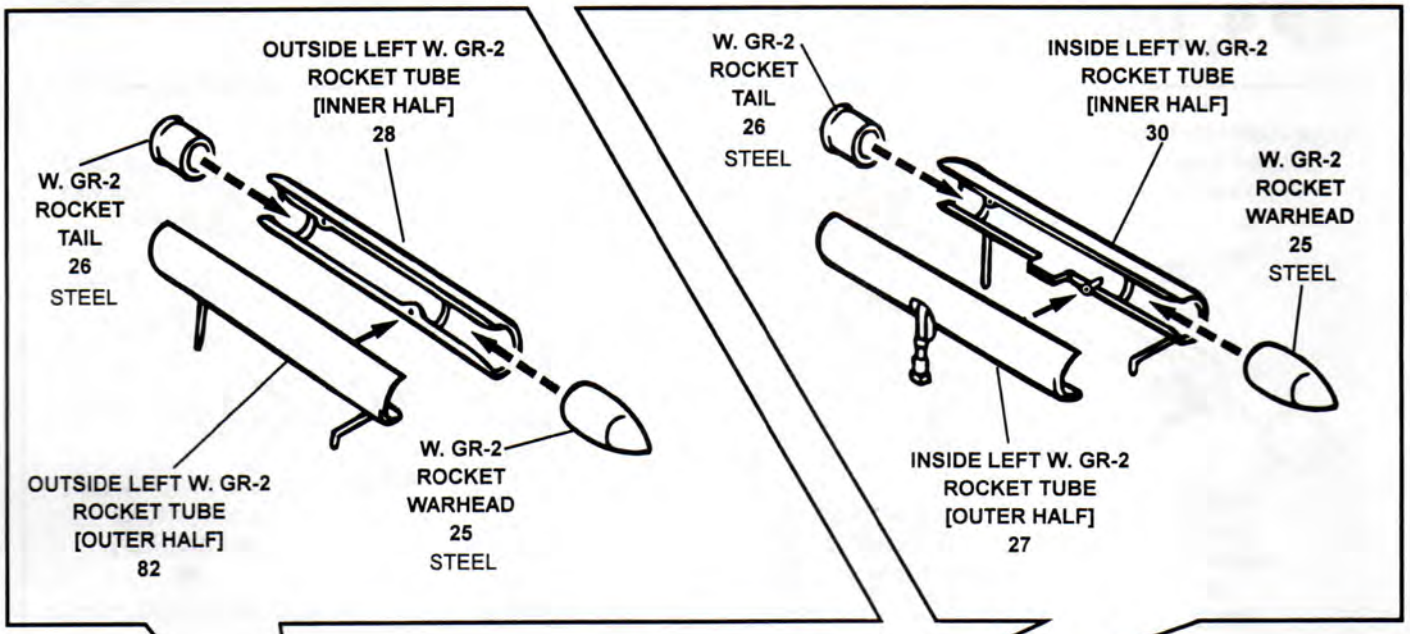
3. Cement the OUTSIDE RIGHT W. GR-2 ROCKET TUBE [INNER HALF] (114) to the OUTSIDE RIGHT W. GR-2 ROCKET TUBE [OUTER HALF] (83) as shown in the top right drawing.

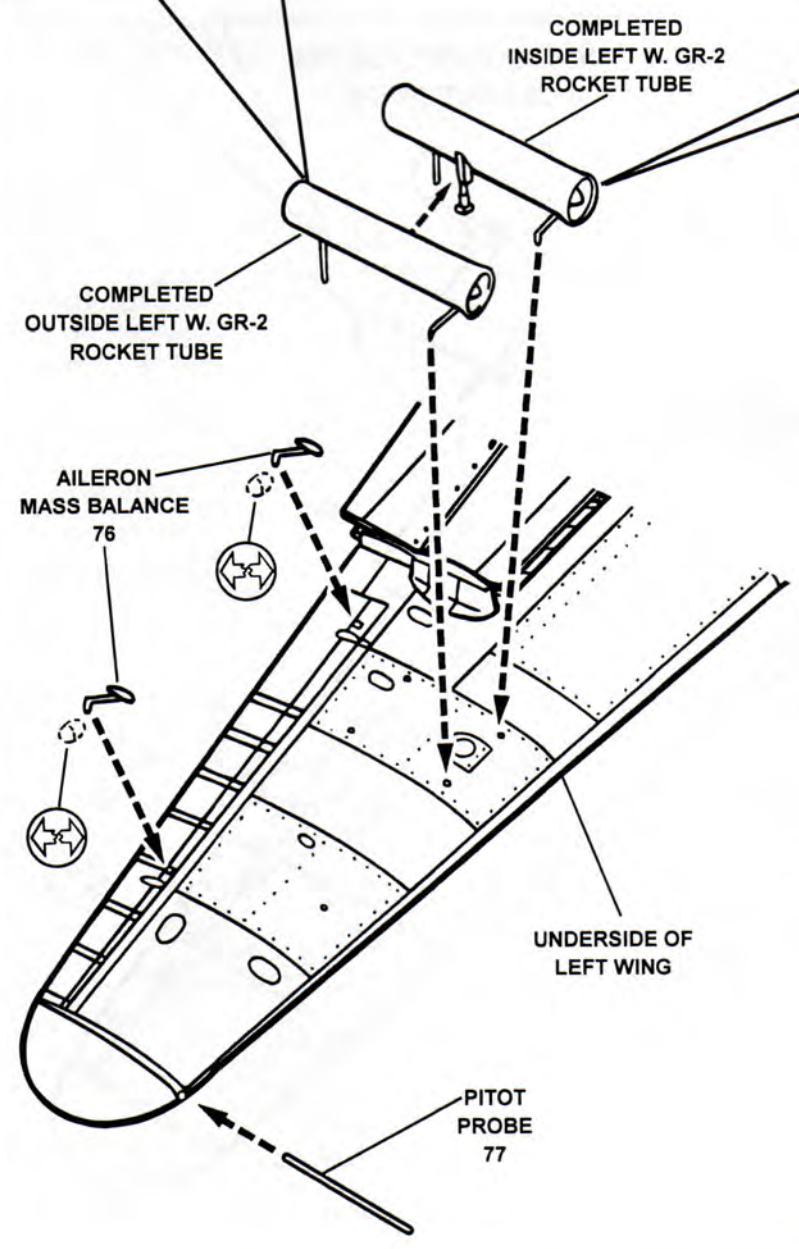
4. Paint the two rocket tubes the same color as the underside of the wings.

5. Paint two W. GR-2 ROCKET WARHEADS (25) and two W. GR-2 ROCKET TAILS (26) a steel color. Once this paint has dried, glue one W. GR-2 ROCKET WARHEAD (25) into the forward end of each competed rocket tube. Cement one W. GR-2 ROCKET TAIL (26) into the aft end of each competed rocket tube.

6. Glue the COMPLETED INSIDE RIGHT W. GR-2 ROCKET TUBE and the COMPLETED OUTSIDE RIGHT W. GR-2 ROCKET TUBE to the UNDERSIDE OF THE RIGHT WING.







STEP 9, UNDERWING DETAILS, CONTINUED

NOTE: If you are building the Me 410B-1/U2 version, continue with all remaining items in this step. If you are building one of the other two versions, skip to items 12 and 13 at the bottom of the page.

7. Glue the OUTSIDE LEFT W. GR-2 ROCKET TUBE [INNER HALF] (28) to the OUTSIDE LEFT W. GR-2 ROCKET TUBE [OUTER HALF] (82) as shown in the top left drawing

8. Cement the INSIDE LEFT W. GR-2 ROCKET TUBE [INNER HALF] (30) to the INSIDE LEFT W. GR-2 ROCKET TUBE [OUTER HALF] (27) as indicated in the top right drawing.

9. Paint the two completed rocket tubes the same color as the underside of the wing.

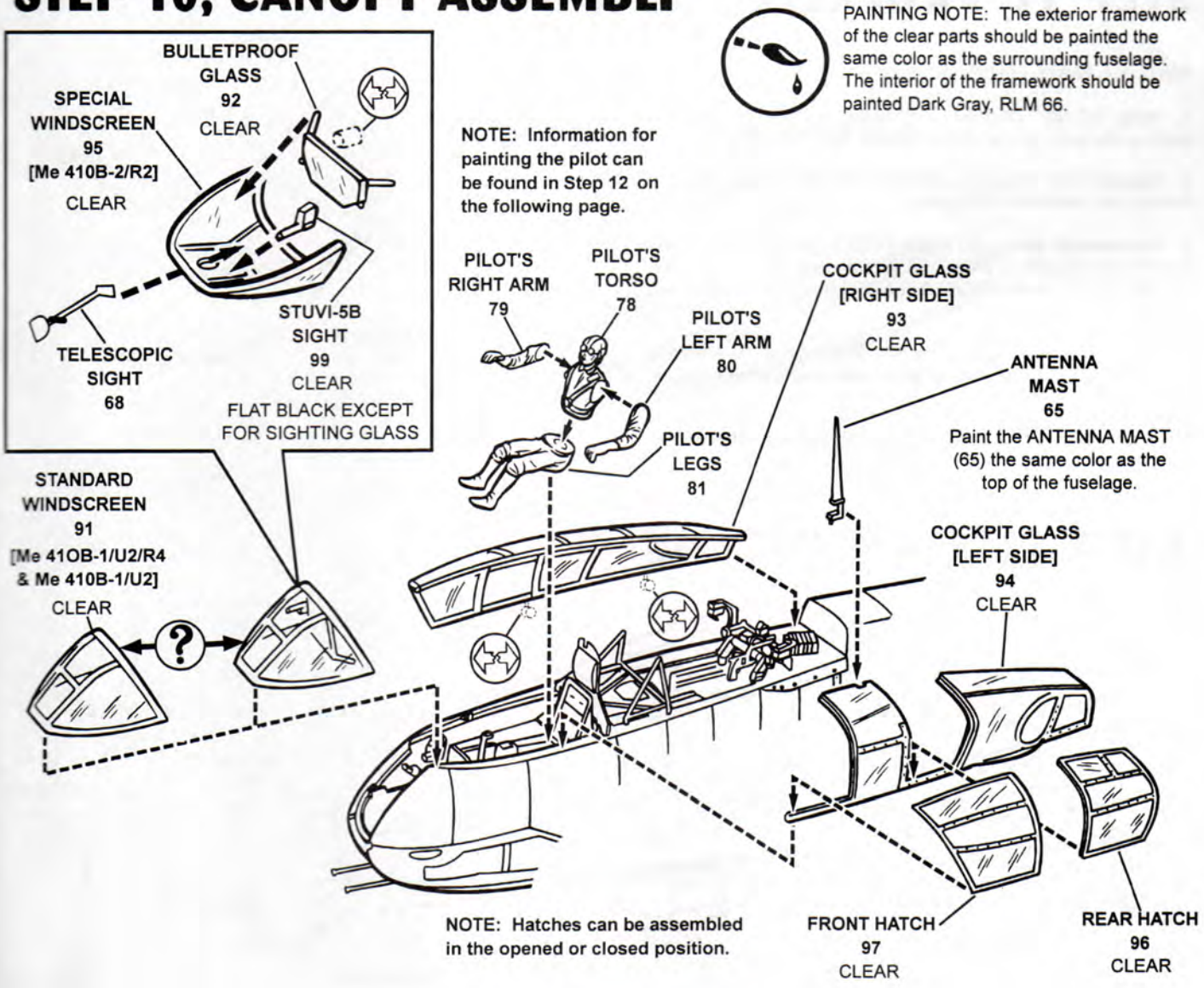
10. Paint the remaining two W. GR-2 ROCKET WARHEADS (25) and the remaining two W. GR-2 ROCKET TAILS (26) a steel color. When this paint has dried, glue one W. GR-2 ROCKET WARHEAD (25) into the front end of each completed rocket tube. Then glue one W. GR-2 ROCKET TAIL (26) into the aft end of each rocket tube.

11. Cement the COMPLETED INSIDE LEFT W. GR-2 ROCKET TUBE and the COMPLETED OUTSIDE LEFT W. GR-2 ROCKET TUBE to the UNDERSIDE OF THE LEFT WING.

12. Remove the excess plastic pieces from the remaining two AILERON MASS BALANCES (76) then cement the two AILERON MASS BALANCES (76) to the UNDERSIDE OF THE LEFT WING as shown in the drawing to the left. Use a small paint brush and paint the AILERON MASS BALANCES the same color as the underside of the wing.

13. Cement the PITOT PROBE (77) into the hole in the leading edge of the left wing. Paint the PITOT PROBE (77) the same color as the surrounding wing area.

STEP 10, CANOPY ASSEMBLY



PAINTING NOTE: The exterior framework of the clear parts should be painted the same color as the surrounding fuselage. The interior of the framework should be painted Dark Gray, RLM 66.

PAINT ALL PARTS BEFORE ASSEMBLY.

1. If you plan to use the pilot figure in your model, glue the PILOT'S LEGS (81) to the PILOT'S TORSO (78). Then glue the PILOT'S RIGHT ARM (79) and the PILOT'S LEFT ARM (80) to the PILOT'S TORSO (78). Information about painting the pilot figure can be found in the PAINTING NOTES under STEP 12 on the next page. Once the paint is dry, glue the pilot figure in place as shown.

NOTE: Use a water-based white glue for all assembly items involving clear parts.

2. Remove the two excess pieces of plastic from the COCKPIT GLASS [RIGHT SIDE] (93), then use the water-based white glue to attach the part to the right side of the fuselage.

3. If you are building the Me 410-B-1/U2 or the Me 410B-1/U-2/R-4, attach the STANDARD WINDSCREEN (91) using the white glue.

4. If you are building the Me 410B-2/R2, glue the STUVI-5B SIGHT (99) into the depression in the SPECIAL WINDSCREEN (95). Carefully remove the excess plastic from the BULLETPROOF GLASS (92)then attach the BULLETPROOF GLASS (92) to the inside of the SPECIAL WINDSCREEN (95). Next, glue the TELESCOPIC SIGHT (68) into the hole in the SPECIAL WINDSCREEN (95). Finally, glue the completed special windscreen assembly in place.

5. Glue the ANTENNA MAST (65) to the COCKPIT GLASS [LEFT SIDE] (94).

6. Attach the COCKPIT GLASS [LEFT SIDE] (94) to the left side of the cockpit area as shown.

7. Glue the REAR HATCH (96) in place above the rear cockpit. The hatch may be attached in the opened or closed position.

8. Attach the FRONT HATCH (97) to its position above the front cockpit. Again, the hatch may be assembled in the opened or closed position.

STEP 11, PROPELLER ASSEMBLY

PAINT ALL PARTS BEFORE ASSEMBLY.

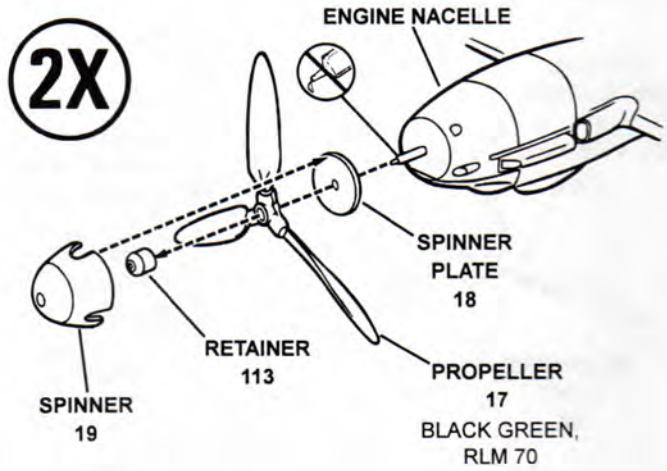
1. Slide, DO NOT CEMENT, a SPINNER PLATE (18) on to the shaft at the front of one of the ENGINE NACELLES.

2. Slide, DO NOT CEMENT, a PROPELLER (17) on to the shaft in front of the SPINNER PLATE (18).

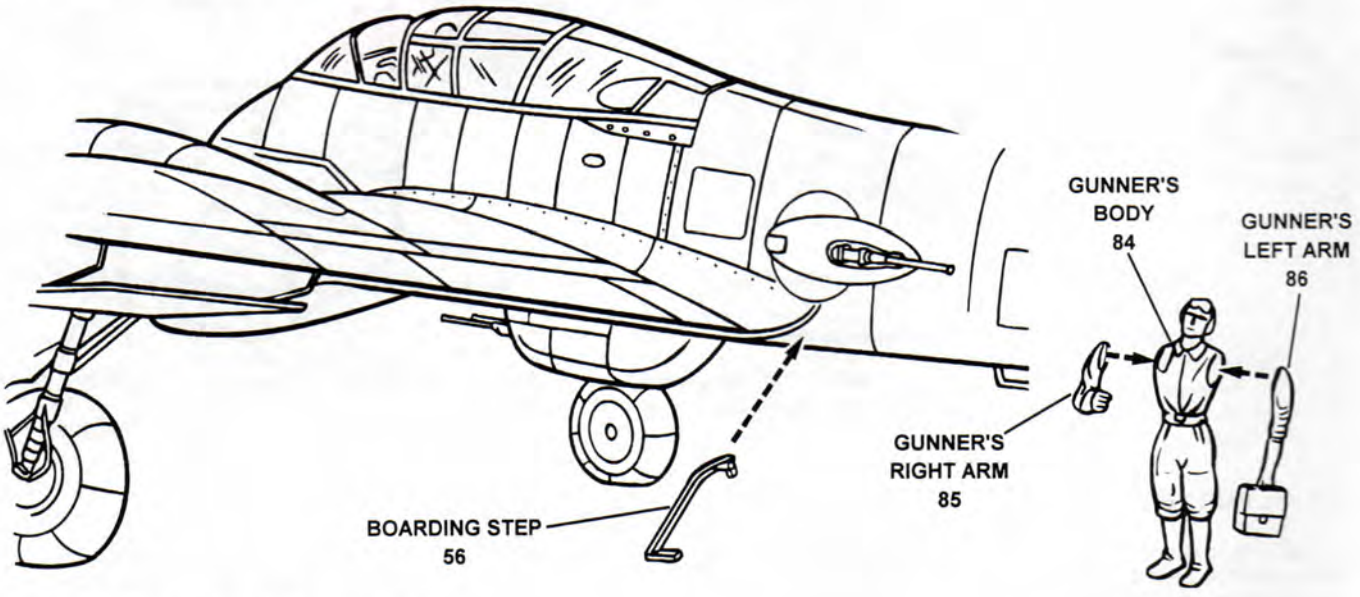
3. Very carefully glue a RETAINER (113) to the end of the shaft to hold the propeller in place. Be sure that no glue touches the PROPELLER (17) or the SPINNER PLATE (18), or the propeller will not turn.

4. Again using care, cement the SPINNER (19) to the SPINNER PLATE (18). Make sure that no glue touches any other parts, or the propeller will not turn.

5. Repeat items 1 through 4 above for the second propeller assembly on the other engine nacelle.



STEP 12, FINAL DETAILS



PAINT ALL PARTS AFTER ASSEMBLY.

1. Glue the BOARDING STEP (56) in place on the left side of the fuselage, just aft of the wing root. The step should be painted the same color as the underside of the fuselage.

2. Cement the GUNNER'S RIGHT ARM (85) to the GUNNER'S BODY (84).

3. Glue the GUNNER'S LEFT ARM (86) to the GUNNER'S BODY (84).

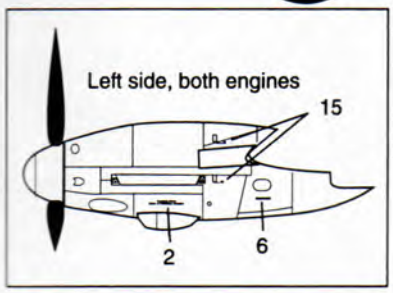
4. Refer to the PAINTING NOTES below for information on how to paint the figures of the pilot and the gunner.

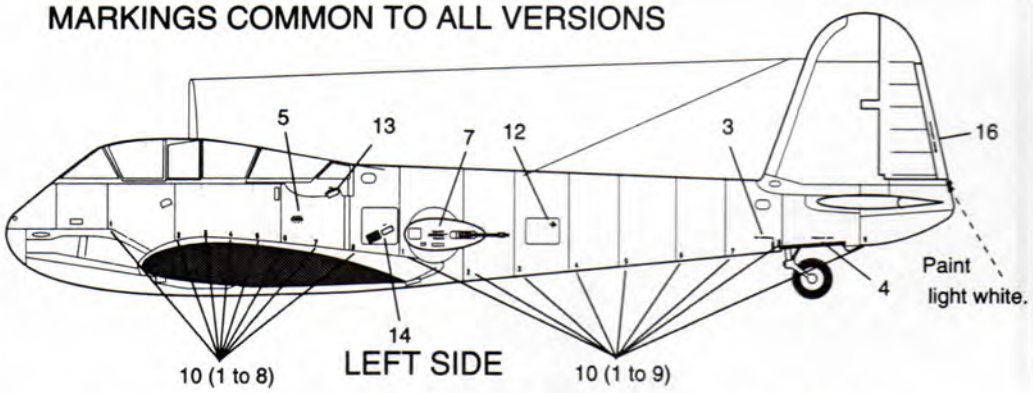
5. See the drawings on the final four pages of this instruction booklet and use stretched sprue, fine wire, or nylon thread to make the antenna wires. Drill small holes in the appropriate places to attach the wires. Nylon thread can be found at most sewing stores.

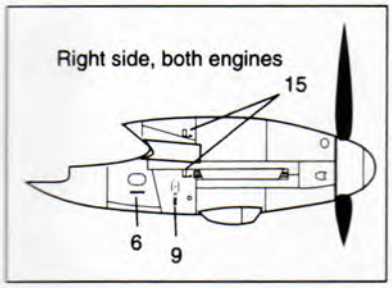
PAINTING NOTES: [These painting notes apply to both the pilot (see Step 10 on the previous page) and the gunner as shown in this Step.] The leather flying jackets varied from blue-gray to black. The standard leather flying cap was dark brown or black. In winter, the flying suits were tan, dark blue, or dark gray with a cotton fleece lining. The summer flying suit included tan overalls over the standard flying uniform. The boots were usually black leather with a white fleece lining at the top. The parachute was light gray with off-white straps, while the life vest was yellow to include the straps. The brief case being carried by the gunner could be black or dark brown leather.

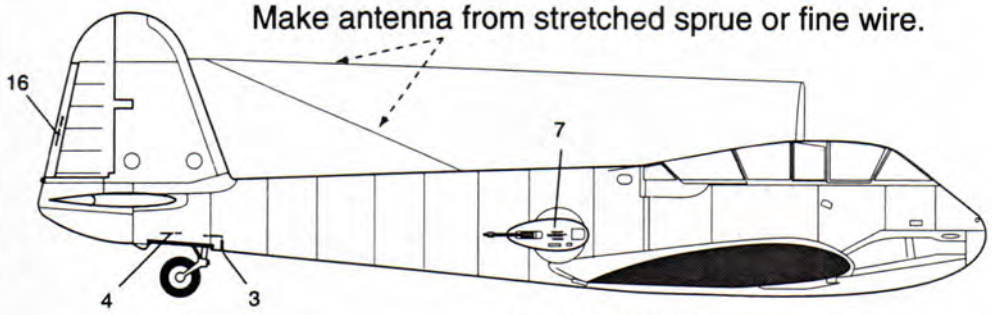
PRO MODELER
by Revell-Monogram

MARKINGS COMMON TO ALL VERSIONS

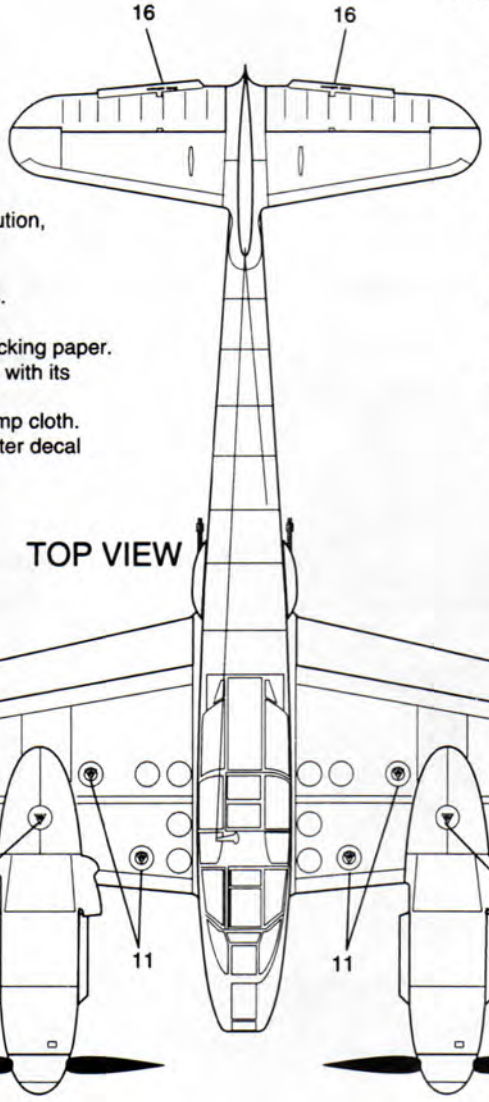








RIGHT SIDE



A LIGHT BLUE RLM 76
ProModeler 88-0042

B GRAY-VIOLET RLM 75

C GRAY-GREEN RLM 74, RLM 02, AND RLM 75 (MOTTLED) OVER RLM 76

D BLACK-GREEN RLM 70
ProModeler 88-0043

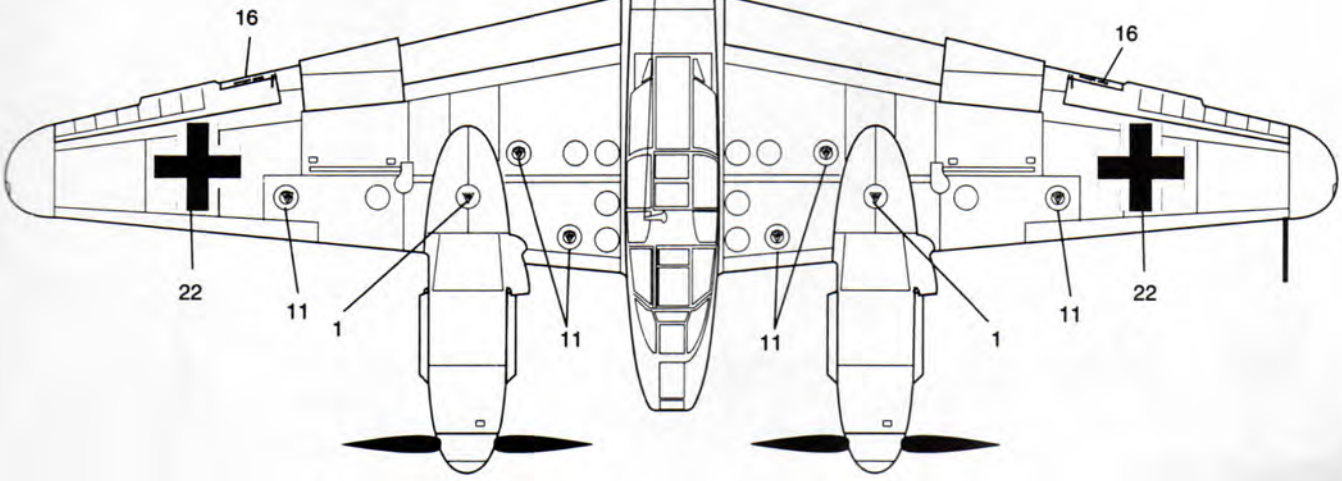
E GRAY-GREEN RLM 74

F DARK-GREEN RLM 71

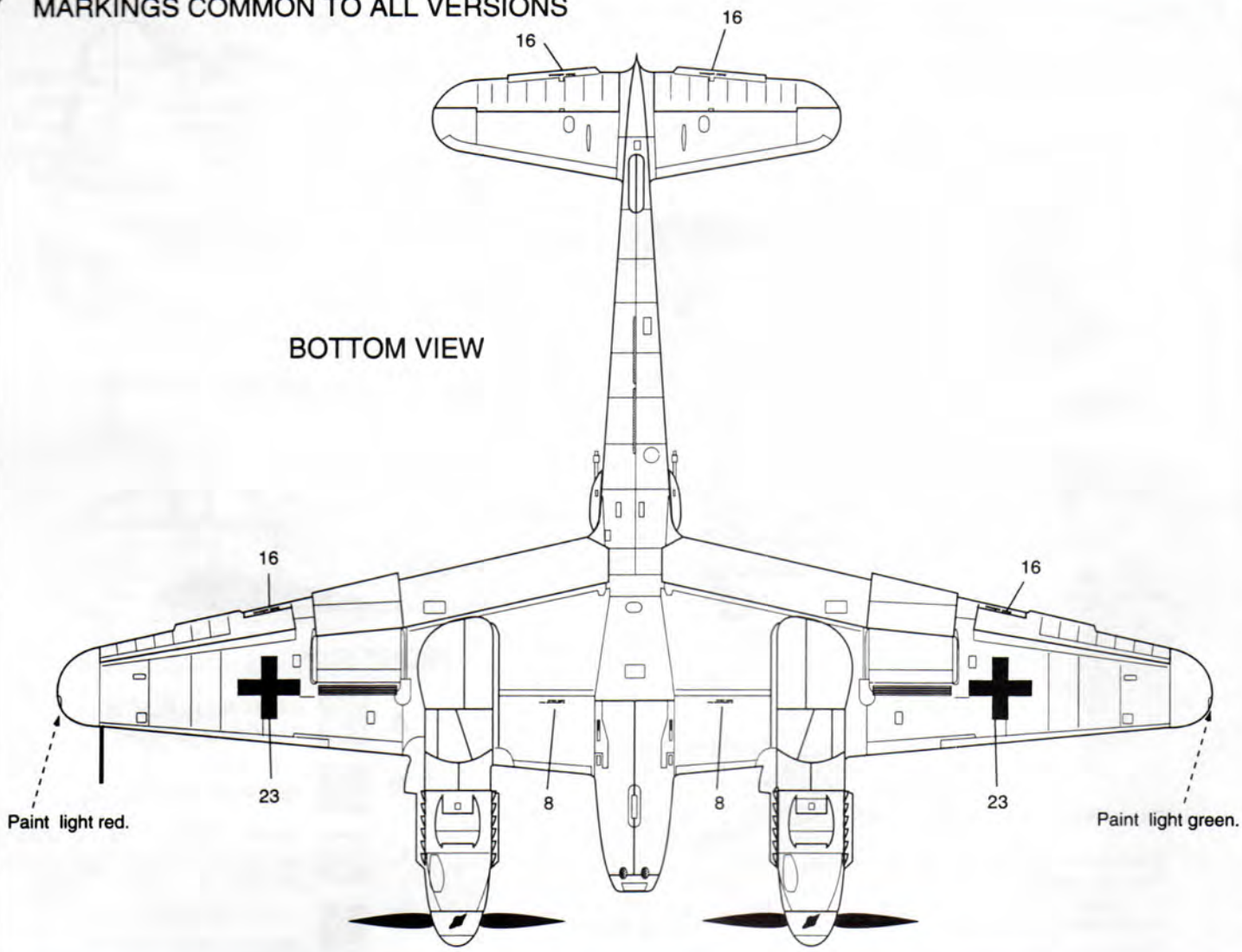
DECAL APPLICATION INSTRUCTIONS

1.) Wash plastic parts in mild detergent solution, then rinse and let dry.
2.) Cut the desired decal from the sheet.
3.) Dip the decal in water for a few seconds.
4.) Place the wet decal on a paper towel.
5.) Wait until the decal is movable on its backing paper.
6.) Place the decal in position on the model with its face up, then slide the backing away.
7.) Press out any air bubbles with a soft damp cloth.
8.) The milkiness that may appear is for better decal adhesion, but will dry clear.
9.) Wipe away any excess adhesive.
10.) Do not touch the decal until it is dry.

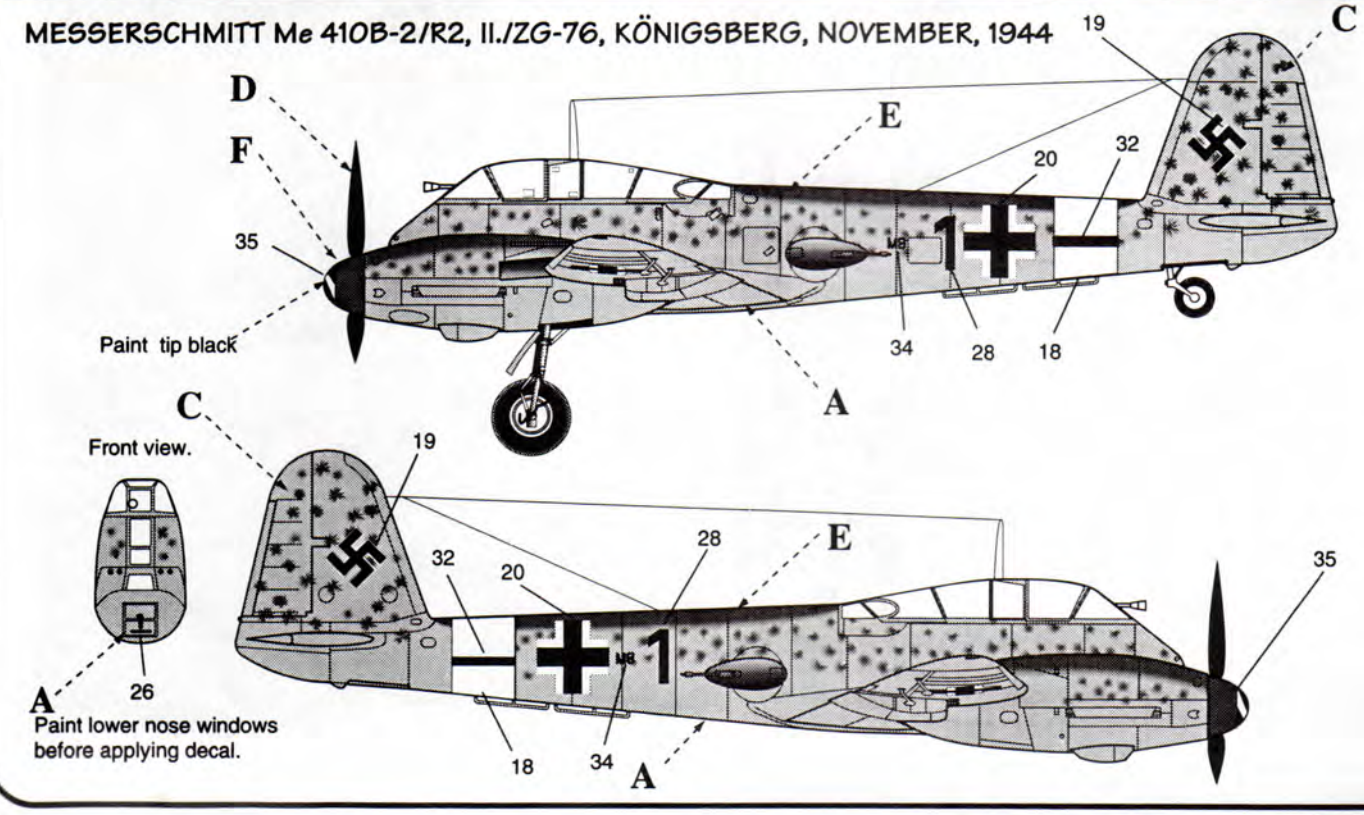
TOP VIEW



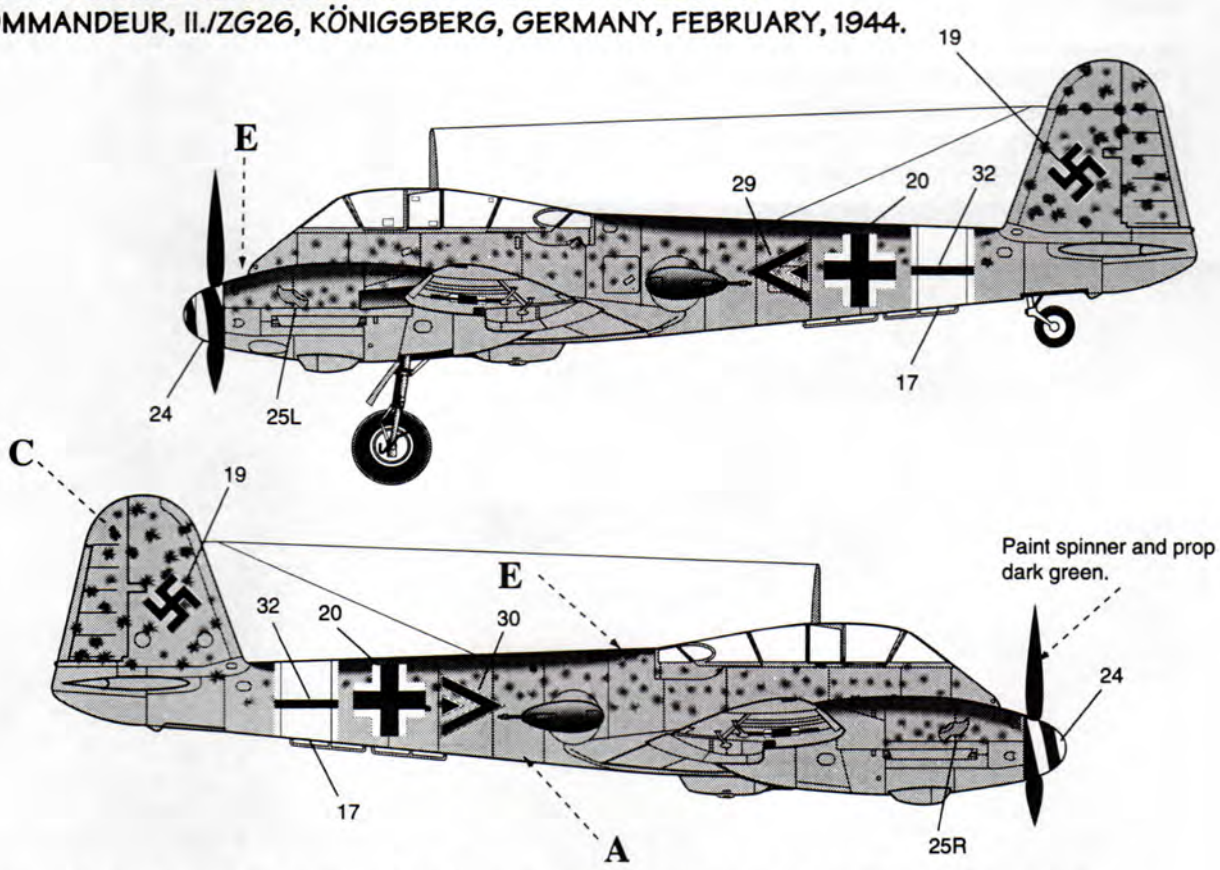
MARKINGS COMMON TO ALL VERSIONS



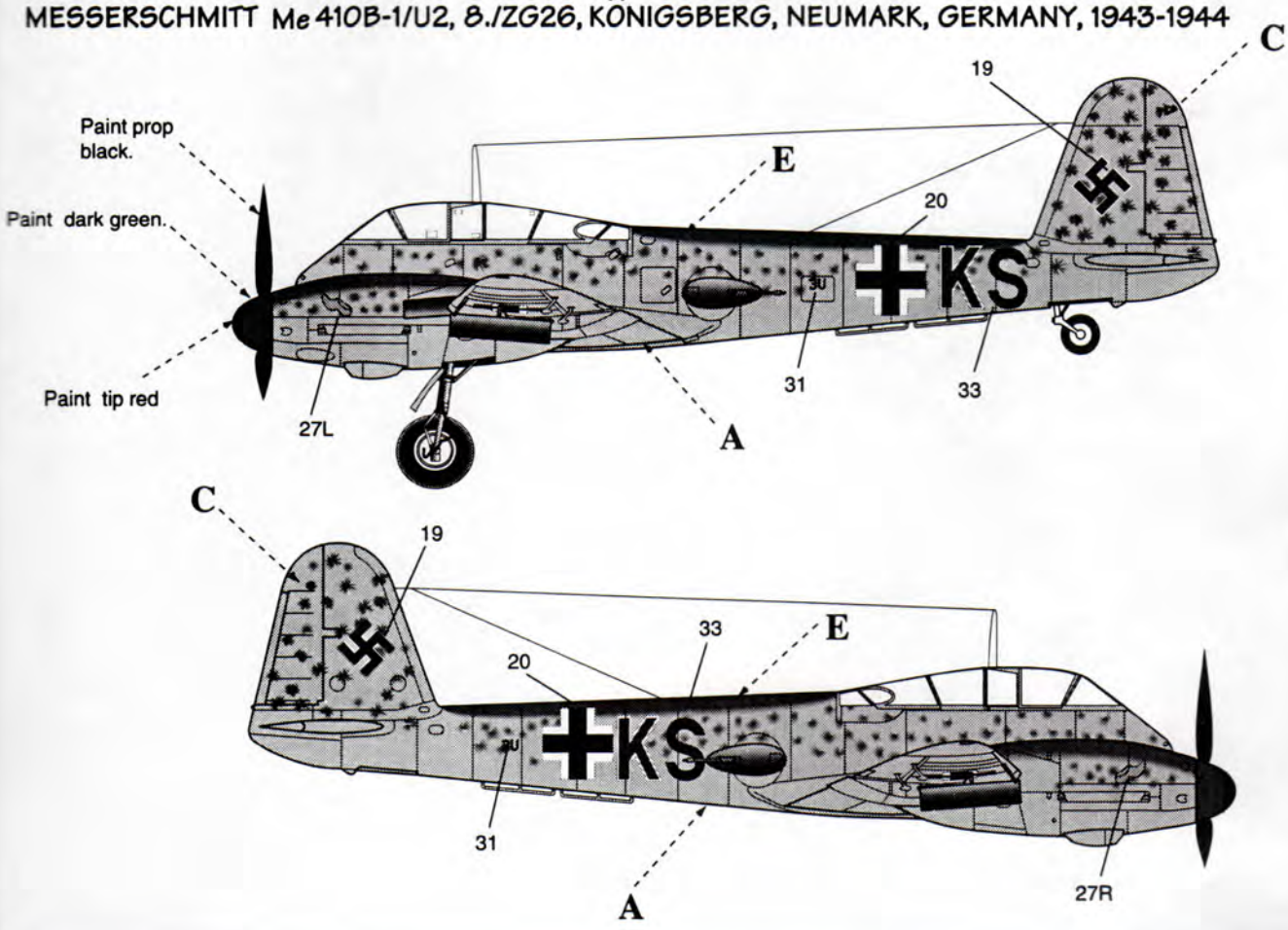
MESSERSCHMITT Me 410B-2/R2, II./ZG-76, KÖNIGSBERG, NOVEMBER, 1944



MESSERSCHMITT Me 410B-1/U2/R4, FLOWN BY MAJOR EDUARD TRATT, LEADING ZERSTÖRER ACE WITH 38 VICTORIES, AND GRUPPE KOMMANDEUR, II./ZG26, KÖNIGSBERG, GERMANY, FEBRUARY, 1944.



MESSERSCHMITT Me 410B-1/U2, 8./ZG26, KÖNIGSBERG, NEUMARK, GERMANY, 1943-1944



TYPICAL UPPER AND LOWER CAMOUFLAGE SCHEME FOR ALL THREE VERSIONS.

THE GRAYS ON THE UPPER SURFACES BLEND INTO THE LIGHT BLUE ON THE FUSELAGE SIDES. NOTE: THE ACTUAL COLORS ARE VERY CLOSE IN VALUE AND ARE EXAGGERATED IN THESE VIEWS FOR CLARITY.