

# PRO MODELER™

by Revell-Monogram

KIT 5943

## FOCKE-WULF FW 190A-8/R1 & R11

1/72 SCALE MASSTAB 1:72 ESCALA 1/72 1/72 ECHELLE



In 1937, Focke-Wulf received a contract for the development of a fighter aircraft which would become known as the Fw 190. The first prototype, designated the Fw 190V1, made its initial flight on June 1, 1939, and the design exhibited excellent maneuverability and handling qualities. Following eighteen preproduction Fw 190A-0s, the Fw 190A-1 became the first production version of the new fighter, and it began to enter service in mid-1941.

Continued improvements and modifications resulted in numerous variants and sub-variants designed to fulfill a wide range of missions. Some Fw 190As were optimized to serve as interceptors, and they proved deadly against Allied bomber formations. Others were modified for the fighter-bomber, ground attack, anti-shipping, and training roles, thus proving the excellent versatility of the aircraft's design.

The Fw 190A-8 variant, which your ProModeler kit represents, became operational near the end of 1943. Several sub-variants of the Fw 190A-8 were produced, to include a ground support version and a radar-equipped "dirty weather" fighter. This radar version was designated the Fw 190A8/R11, and it also had special radio and navigation equipment installed.

Field modifications could be made to the basic Fw 190A-8 airframe, and these included twin gun packs which were fitted under each wing. When installed, these packs replaced the internally mounted outboard cannon on each wing. These gun packs could be installed or removed as required. When the packs were fitted, the aircraft was called the Fw 190A-8/R1.

Your ProModeler kit comes with several options which allow one of three sub-variants to be built. These include the standard Fw 190A-8 and the Fw 190A-8/R11 radar-equipped fighter. Additionally, the under-wing gun packs are included, and these may be added to the standard Fw 190A-8 to create an Fw 190A-8/R1.

Three sets of markings are provided on the decal sheet. One is the Fw 190A-8 flown by Feldwebel Bindsell of 6./JG 1. While flying this aircraft, Bindsell shot down a B-17 Flying Fortress on May 8, 1944. Markings for a second Fw 190A-8 are also included for an aircraft from 3./JG 54. The third aircraft for which decals are provided is a radar-equipped Fw 190A-8/R11. It was flown by Oberfeldwebel Günther Migge of 1./NJG 10 while that unit was based at Werneuchen during March 1944.

### 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.



**DO NOT CEMENT  
NES PAS COLLER  
NICHT KLEBEN  
NO US PEGAMENTO**



**OPTIONAL PARTS  
PIECES EN OPTION  
PIEZAS OPCIONALES  
BAUTEILE NACH WAHL**



**ALTERNATIVE ASSEMBLY  
ENSEMBLAGE ALTERNATIVE  
EINE ANDERE MÖGLICHKEIT  
ENSAMBLE ALTERNATIVO**



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



**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:

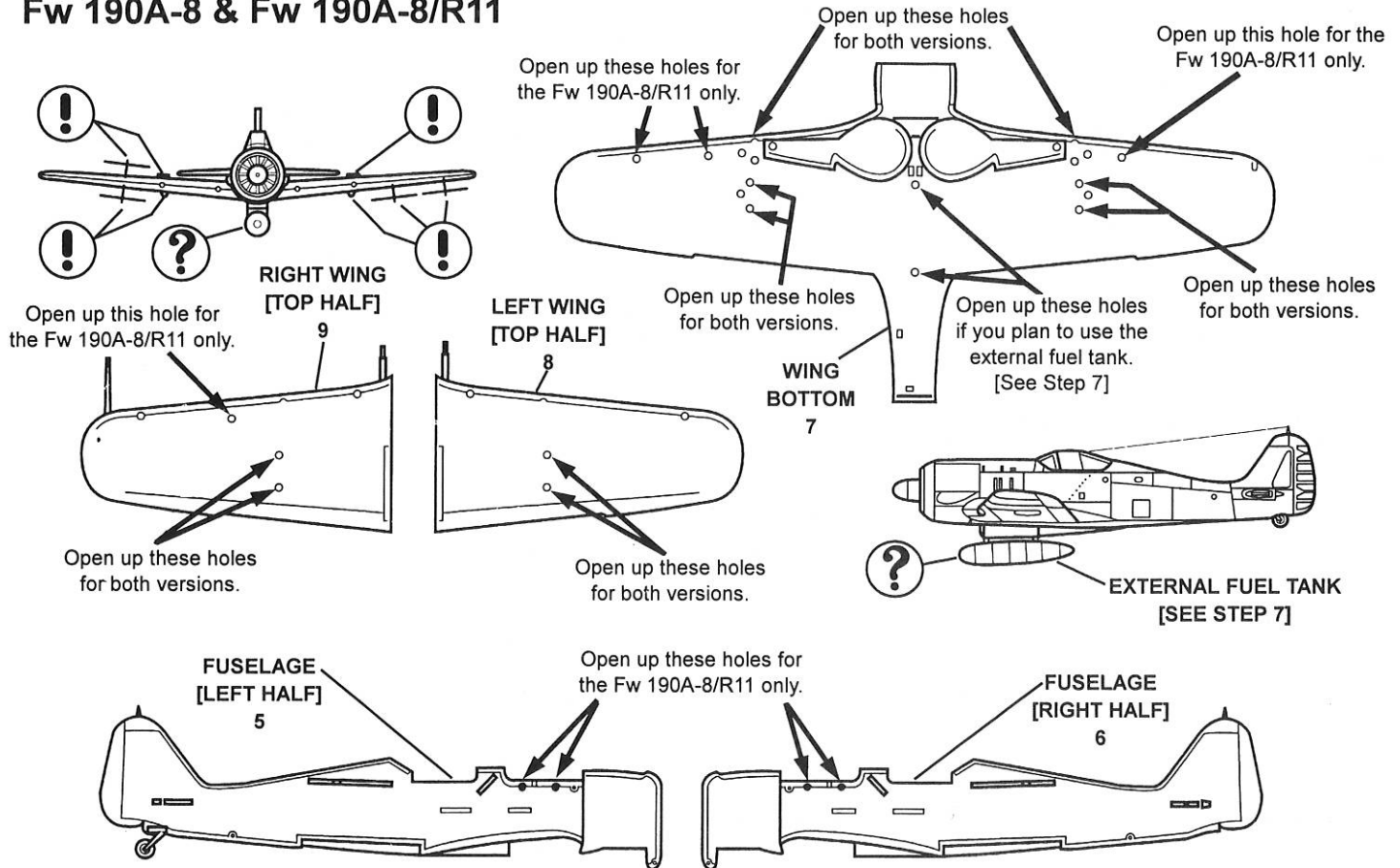
**(800) 833-3570**

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

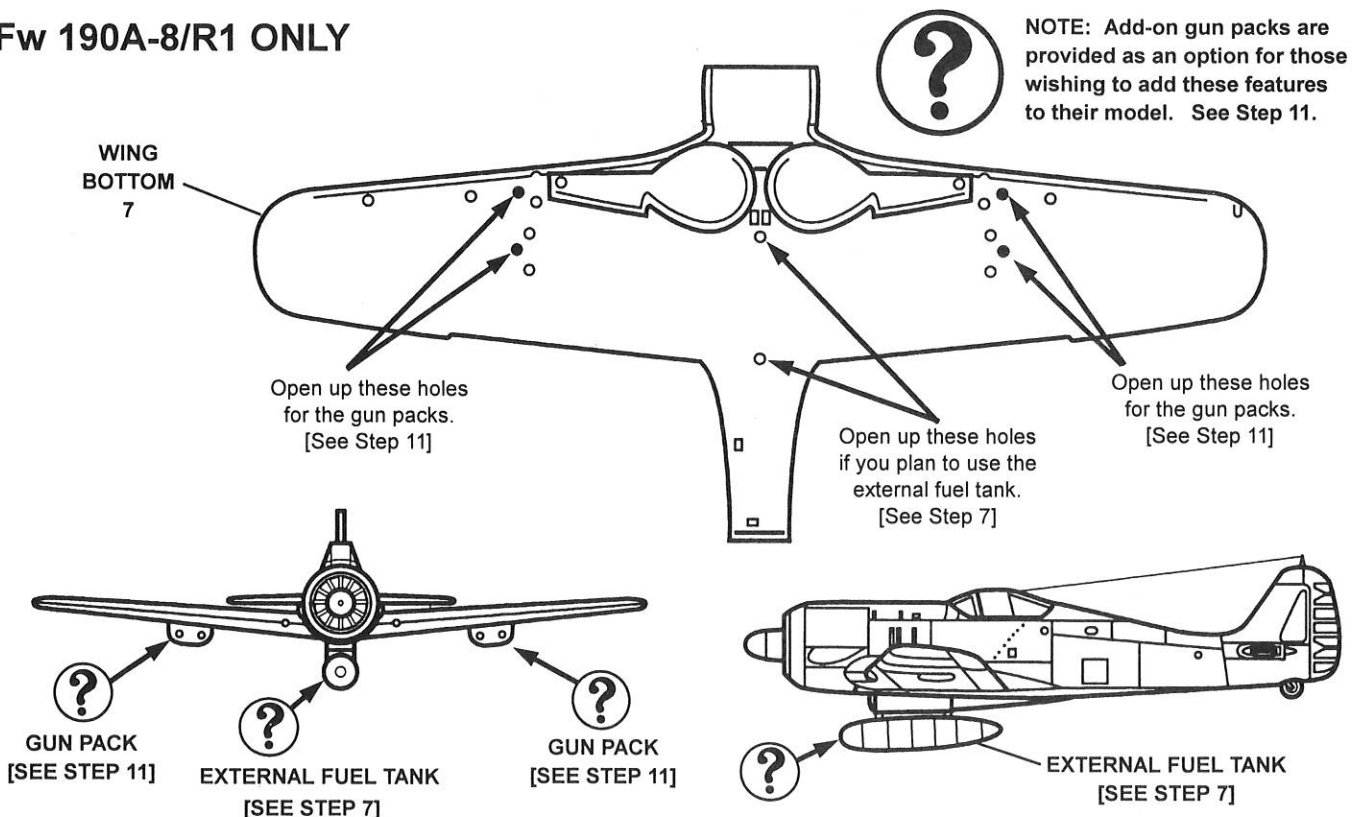
ENGLISH	FS EQUIVALENT	PROMODELER	GERMAN	SPANISH	FRENCH
LIGHT BLUE, RLM 76	36473	88-0042	HELLGRAU RLM 76	AZUL CLARO ALEMAN	BLEU CLAIR-ALLEMAND
GRAY, RLM 02	24226	88-0045	GRAU	GRIS	GRIS
DARK GRAY, RLM 66	26008	NONE	DUNKELGRAY	GRIS BOTELLA	GRIS VAISSEAU
YELLOW, RLM 04	23538	NONE	GELB, RLM 04	AMARILLO	JAUNE
FLAT BLACK	37038	88-0022	MATT SCHWARZ	NEGRO APAGADO	NOIR TRENE
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
Gloss Black	NONE	88-0001	Schwarz-Glänzend	Negro Brillante	Noir Brillant
Flat White	37875	88-0023	Matt-Weiss	Blanco	Blanc Mat

# STEP 1, PRELIMINARY PREPARATIONS

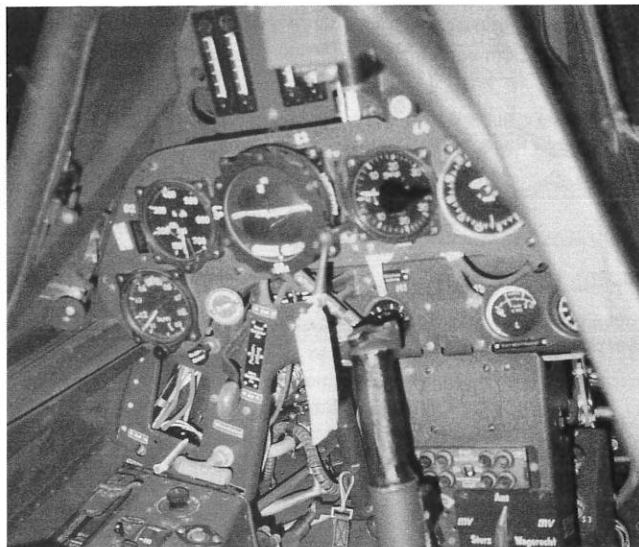
## Fw 190A-8 & Fw 190A-8/R11



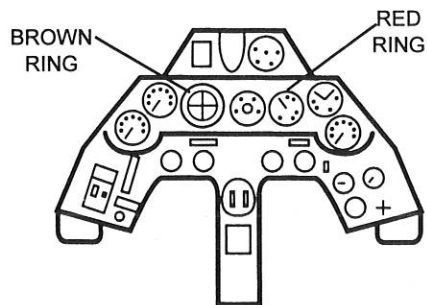
## Fw 190A-8/R1 ONLY



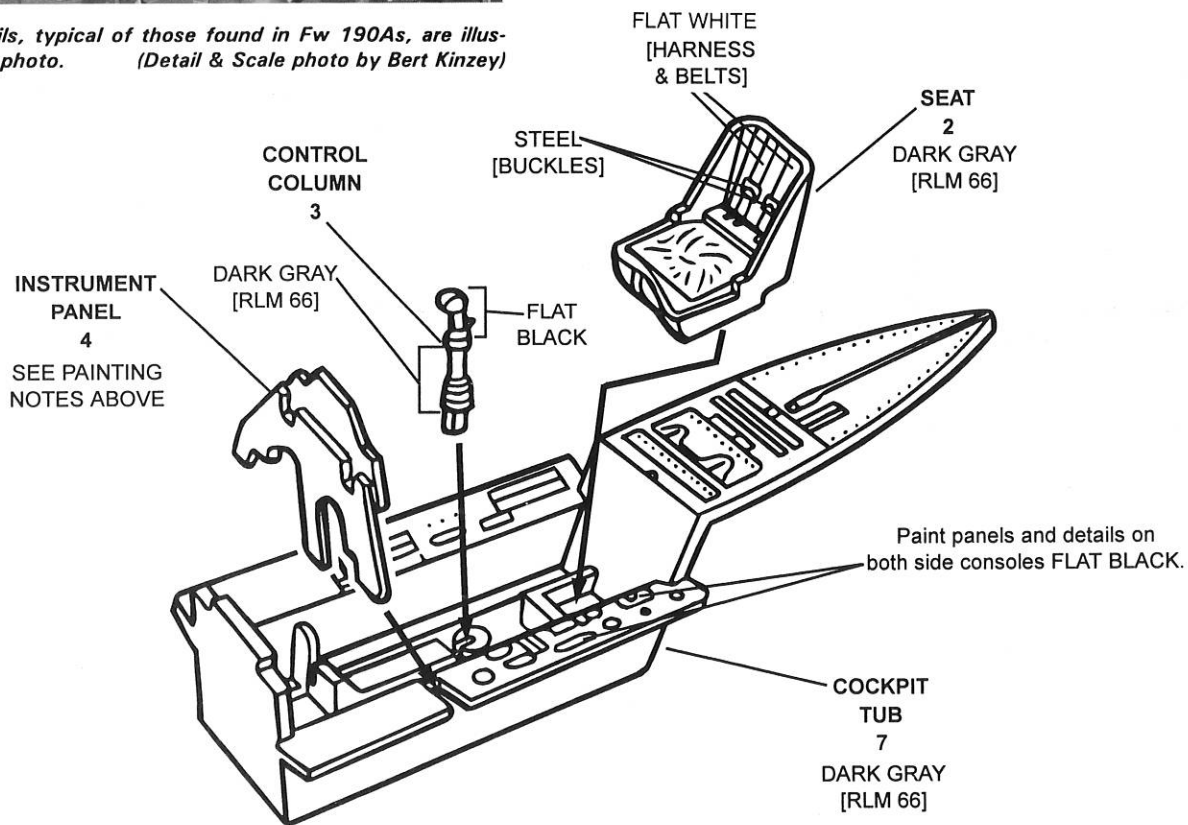
# STEP 2, COCKPIT ASSEMBLY



Cockpit details, typical of those found in Fw 190As, are illustrated in this photo. (Detail & Scale photo by Bert Kinzey)



**PAINTING NOTES:** The instrument panel should be painted DARK GRAY, RLM 66. The faces of the instruments are FLAT BLACK with WHITE numbers, letters, and details. The ring around one instrument is BROWN, and the ring around another instrument is RED as indicated above.



PAINT ALL PARTS BEFORE ASSEMBLY.

1. Glue the SEAT (2) in place inside the COCKPIT TUB (7).
2. Cement the CONTROL COLUMN (3) into its locating hole on the floor of the COCKPIT TUB (7).
3. After painting the INSTRUMENT PANEL (4) as illustrated in the drawing at the top of this page, glue the panel in position on the COCKPIT TUB (7).



**PAINTING TIP:** Place a drop of clear gloss over each instrument to simulate the glass face. Also, run a little dark gray wash around the details and features of the cockpit. This will add a weathered appearance to the cockpit, and it will also highlight the details. As a result, they will be more visible through the canopy when the model is completed.



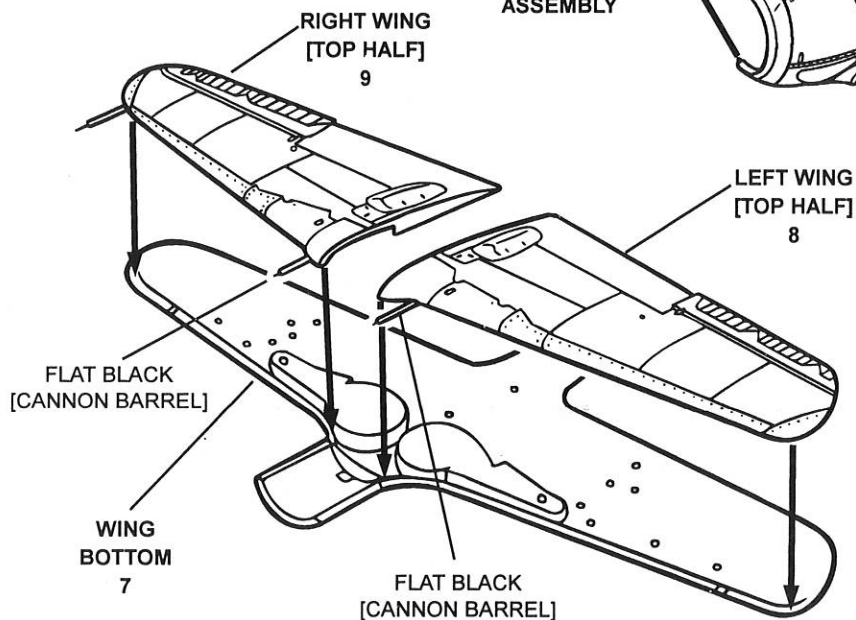
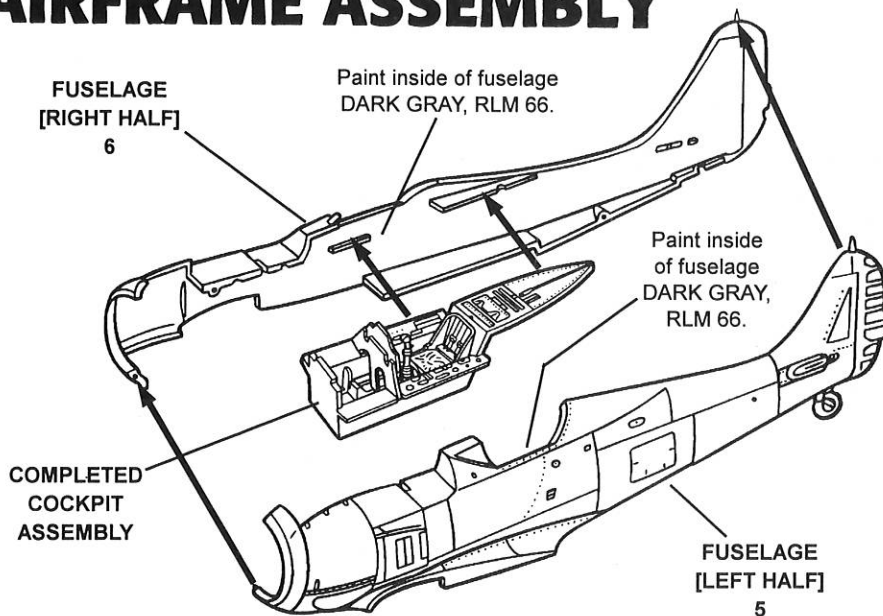
# STEP 3, MAJOR AIRFRAME ASSEMBLY

**PAINT ALL OF THE PARTS IN THIS STEP AFTER ASSEMBLY.**

1. Glue the COMPLETED COCKPIT ASSEMBLY inside the FUSELAGE [RIGHT HALF] 6.

2. If you are building the Fw 190A-8/R11 version, make sure you have opened the holes in each fuselage half as illustrated in STEP 1. Otherwise, do not open the holes.

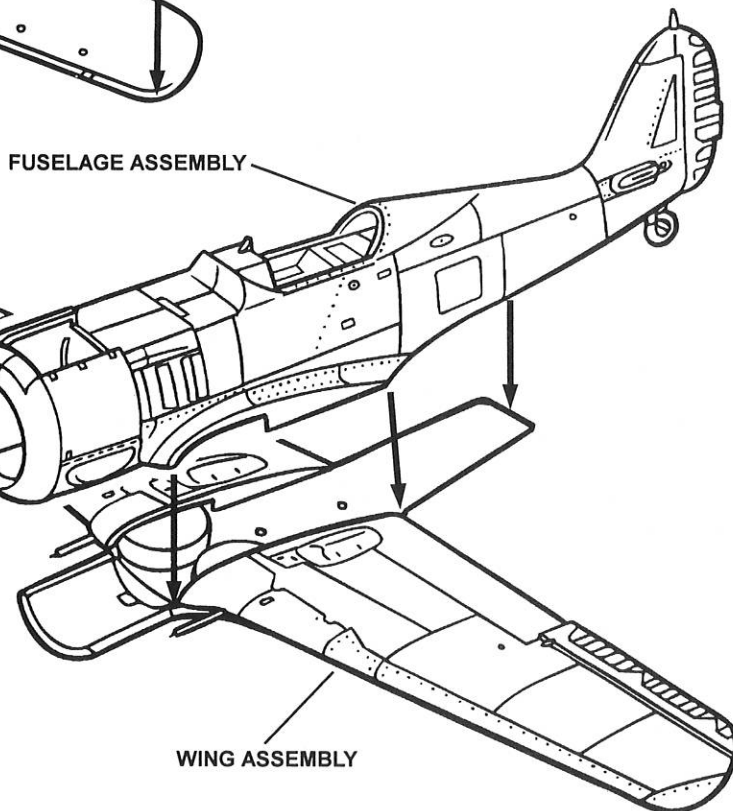
3. Carefully glue the FUSELAGE [LEFT HALF] (5) to the FUSELAGE [RIGHT HALF] (6).



4. Check STEP 1, and make certain that you have opened up the appropriate holes in the WING BOTTOM (7), LEFT WING [TOP HALF] 8, and the RIGHT WING [TOP HALF] (9) which are appropriate for the version you are building.

5. Glue the LEFT WING [TOP HALF] (8) to the WING BOTTOM (7).

6. Glue the RIGHT WING [TOP HALF] (9) to the WING BOTTOM (7).

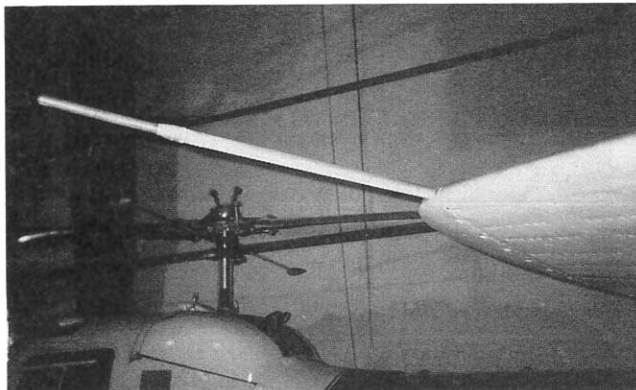


7. Cement the WING ASSEMBLY to the FUSELAGE ASSEMBLY. Check the alignment of all parts carefully before the glue sets.



**MODELING TIP:** Before continuing with the construction of the model, check the fuselage and wing assembly for any gaps in the seams where the parts are joined. Fill as necessary with modeling putty and sand smooth after the putty has dried.

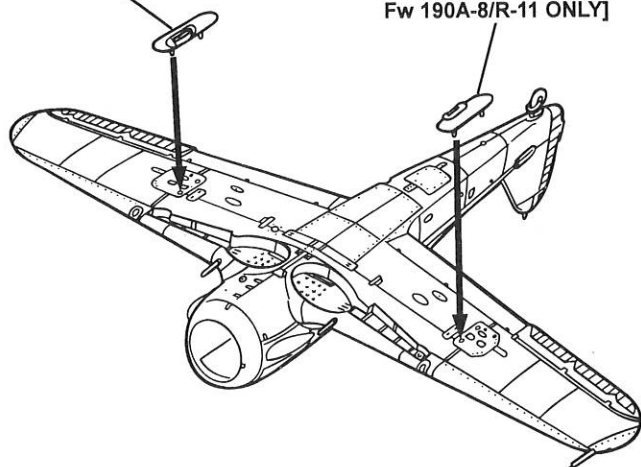
# STEP 4, AIRFRAME DETAILS



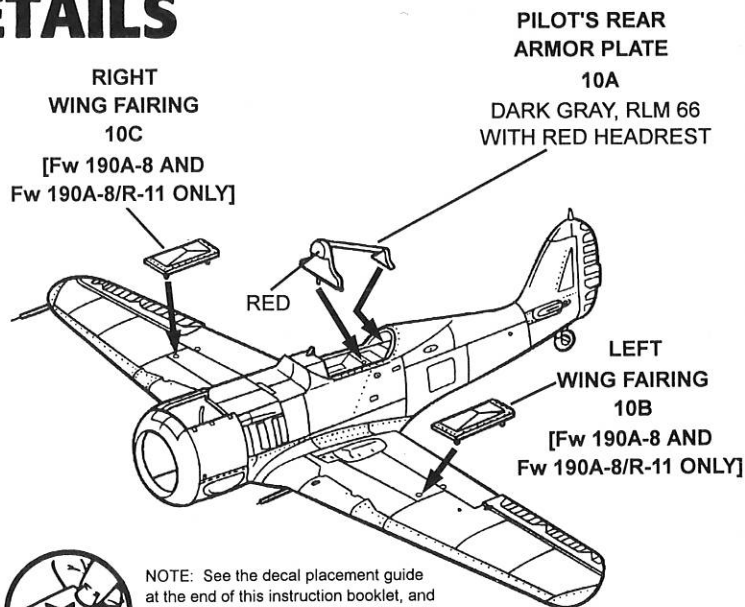
Most of the pitot probe was painted the same color as the wing where it was joined to the aircraft. The end of the probe was a natural steel color. (Detail & Scale photo by Bert Kinzey)

**LEFT SHELL  
EJECTOR FAIRING  
10D**  
[Fw 190A-8 AND  
Fw 190A-8/R-11 ONLY]

**RIGHT SHELL  
EJECTOR FAIRING  
10E**  
[Fw 190A-8 AND  
Fw 190A-8/R-11 ONLY]



Here is a look at the left horizontal tail. The metal trim tab on the trailing edge of each elevator was painted red. (Detail & Scale photo by Bert Kinzey)



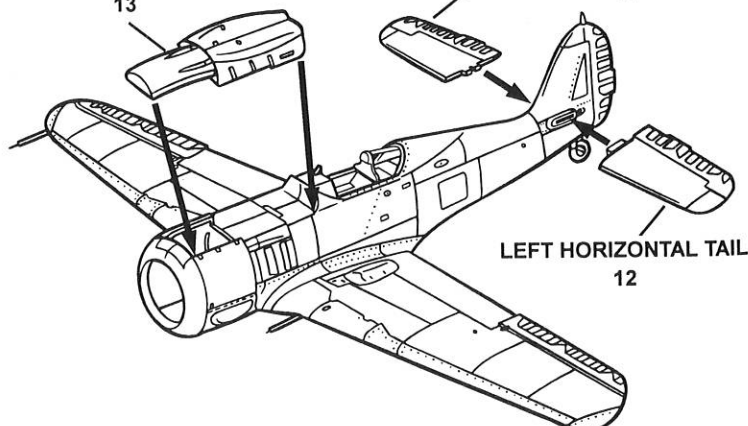
NOTE: See the decal placement guide at the end of this instruction booklet, and apply two decals inside the cockpit prior to gluing the PILOT'S REAR ARMOR PLATE (4) in place.

PAINT PART 4 BEFORE ASSEMBLY. PAINT ALL OTHER PARTS IN THIS STEP AFTER ASSEMBLY.

1. Refer to the decal placement guide at the end of this instruction booklet and apply decals 30 and 31 as indicated. Decal 30 goes on the PILOT'S REAR ARMOR PLATE (10A) and decal 31 goes on the COCKPIT TUB (7).
2. Cement the PILOT'S REAR ARMOR PLATE (4) inside the cockpit as shown in the drawing above.
3. If you are building an Fw 190A-8 or an Fw-190A-8/R11, glue the RIGHT WING FAIRING (10C) and the LEFT WING FAIRING (10B) in place as shown in the drawing above.
4. Again, if you are building an Fw 190A-8 or an Fw-190A-8/R11, glue the RIGHT SHELL EJECTOR FAIRING (10E) and the LEFT SHELL EJECTOR FAIRING (10D) in place on the underside of the wings as illustrated in the drawing at left.
5. Refer to the drawing below, and cement the TOP OF THE FORWARD FUSELAGE (13) in place.
6. Glue the RIGHT HORIZONTAL TAIL (11) and the LEFT HORIZONTAL TAIL (12) into the slots in the aft end of the fuselage. Check the alignment of the parts carefully before the glue sets.

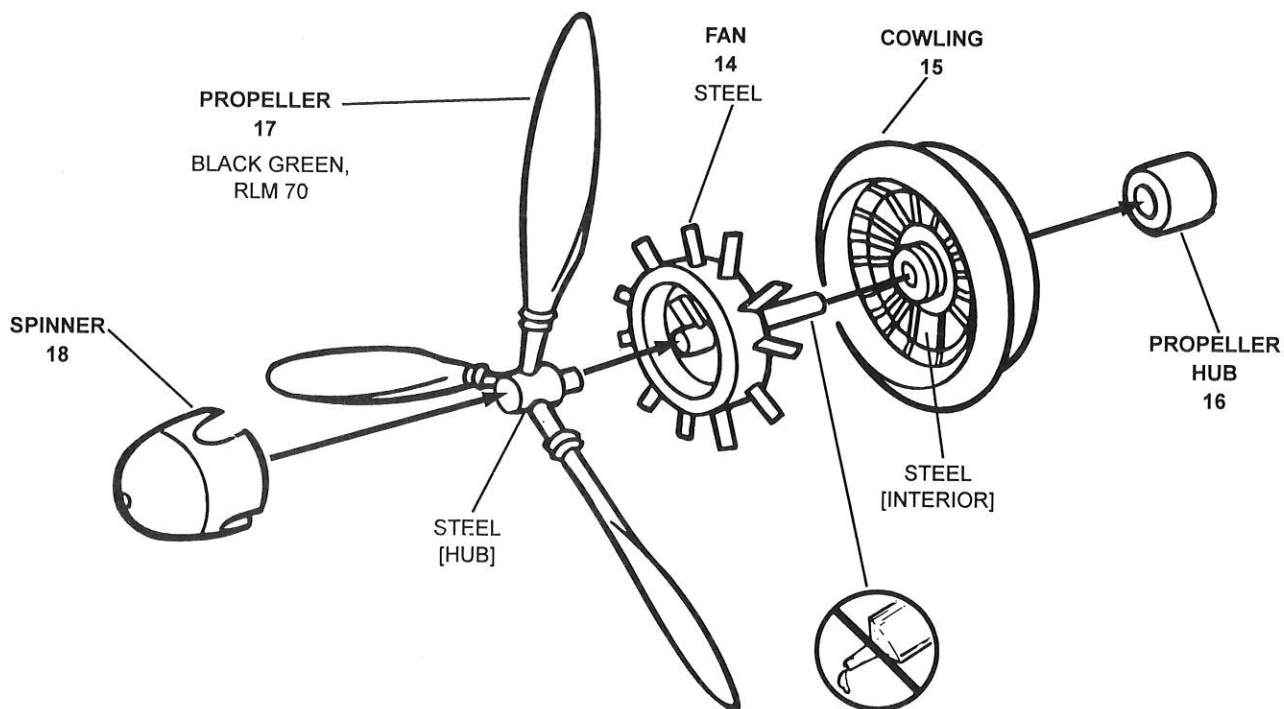
**TOP OF THE  
FORWARD FUSELAGE  
13**

**RIGHT HORIZONTAL TAIL  
11**



**LEFT HORIZONTAL TAIL  
12**

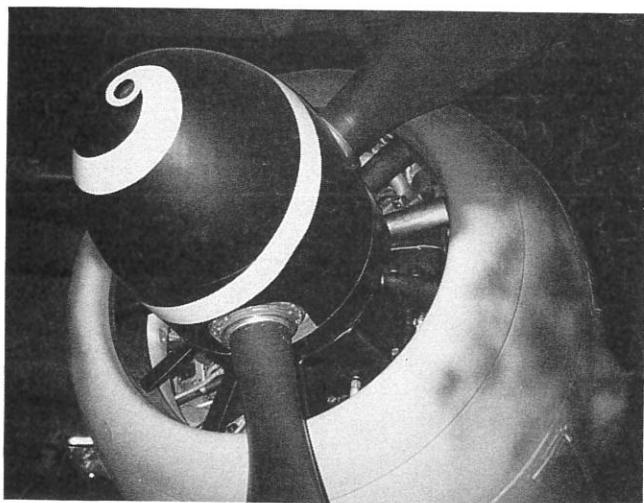
# STEP 5, ENGINE ASSEMBLY



**PAINTING TIP:** Before proceeding with this step, paint the camouflage scheme on your model. Refer to the last three pages of this instruction booklet for painting information. Carefully cover the cockpit area with tape or tissue paper to make certain that no paint gets in it. Once you have applied all the colors, set the model aside to let the paint dry completely before continuing with the construction.

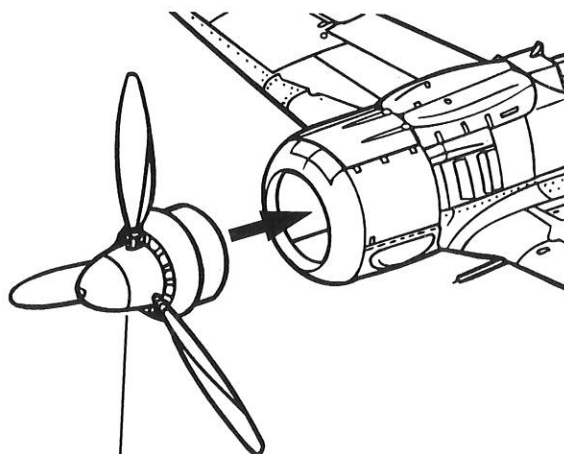
PAINT ALL PARTS PRIOR TO ASSEMBLY.

1. Glue the SPINNER (18) to the front of the PROPELLER (17).
2. Cement the PROPELLER & SPINNER to the FAN (14).
3. Slide the shaft on the FAN (14) through the hole in the COWLING (15). Carefully cement the PROPELLER HUB (16) to the end of the shaft on the FAN (14), making sure that no glue touches the COWLING (15). This will insure that the propeller will spin when the model is finished.
4. Refer to the drawing below, and glue the COMPLETED ENGINE ASSEMBLY in place at the forward end of the fuselage.



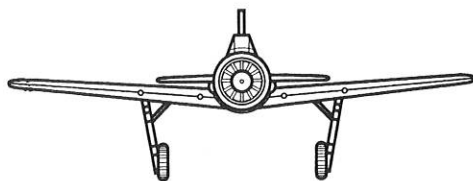
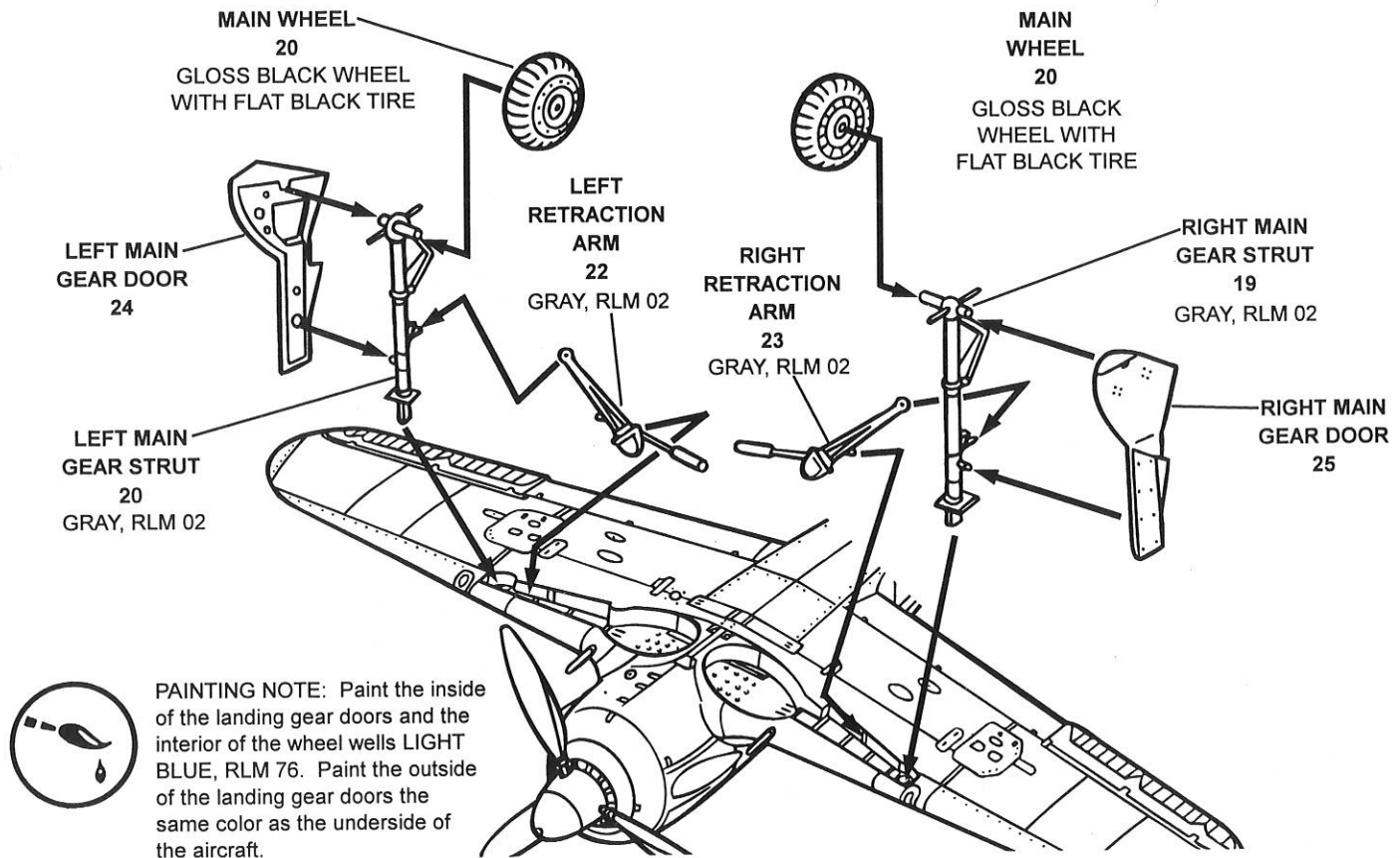
*Details of the spinner and the forward end of the engine can be seen here. Although the fan in this photograph is painted flat black, it was usually a natural steel color.*

*(Detail & Scale photo by Bert Kinzey)*



**COMPLETED ENGINE ASSEMBLY**

# STEP 6, LANDING GEAR ASSEMBLY



LANDING GEAR EXTENDED

PAINT ALL PARTS BEFORE ASSEMBLY.

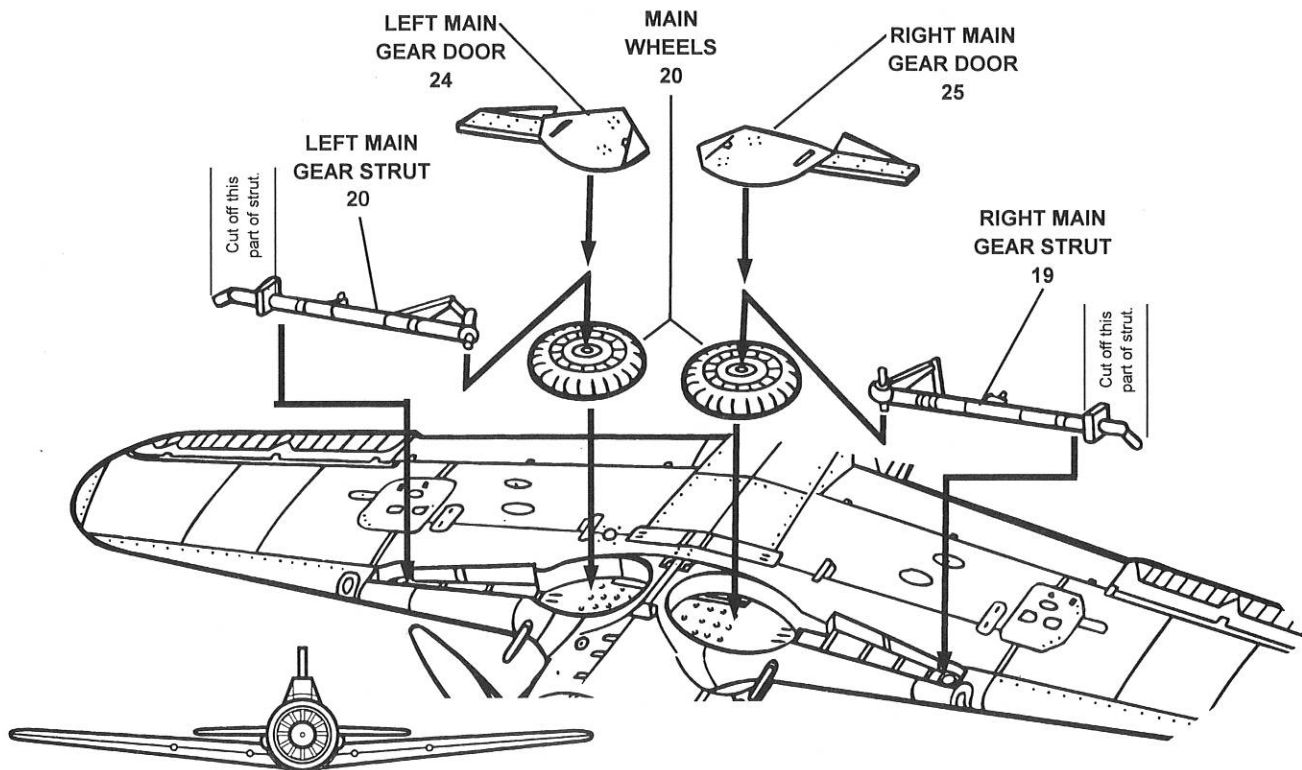
NOTE: To build your model with the landing gear in the extended position, begin with Item 1. For a model with the landing gear in the retracted position, skip Items 1 through 5 and begin with Item 6 on the next page.

1. Glue the LEFT MAIN GEAR DOOR (24) to the LEFT MAIN GEAR STRUT (20).
2. Cement the RIGHT MAIN GEAR DOOR (25) to the RIGHT MAIN GEAR STRUT (19).
3. Glue the completed main struts and doors into the appropriate holes inside the landing gear wells.
4. Carefully attach the LEFT RETRACTION ARM (22) and the RIGHT RETRACTION ARM (23) to the struts and interior of the wheel wells as illustrated. Make sure all parts line up correctly before the glue dries.
5. Cement the two MAIN WHEELS (20) in place on the main struts. Refer to the small front view and insure that the wheels are in proper alignment. Let the glue dry completely before setting the model on the landing gear.



Details of the right main landing gear as used on the Fw 190A can be seen in this view. (Detail & Scale photo by Bert Kinzey)





### LANDING GEAR RETRACTED

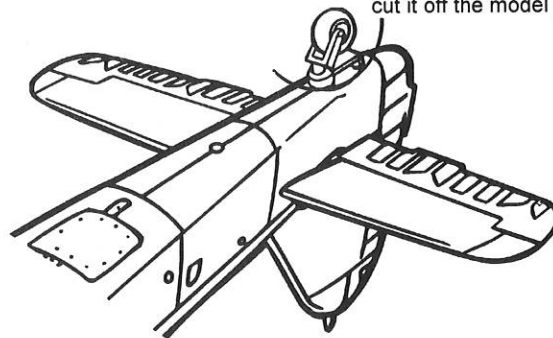
NOTE: To build the landing gear in the retracted position, follow the remaining items in this step. Notice that the two RETRACTION ARMS, (22 & 23) are not used if the gear is built in retracted position.

6. Paint all parts as indicated on the previous page.
7. Glue the two MAIN WHEELS (20) into the wheel wells.
8. Cut off the ends of the LEFT MAIN GEAR STRUT (19) and the RIGHT MAIN GEAR STRUT (20) as illustrated in the drawing above. Glue the two main gear struts into the wheel wells and on to the two MAIN WHEELS ((20) as shown.
9. Cement the LEFT MAIN GEAR DOOR (24) and the RIGHT MAIN GEAR DOOR (25) in place over the struts and wheels.
10. The tail gear is molded as part of the FUSELAGE [LEFT HALF] (5) in the extended position. To change it to the retracted position, first cut the entire tail gear off of the model as illustrated in the upper drawing at right.
11. Cut the tail wheel in half, and glue the bottom half back in place on the aft end of the fuselage as shown in the bottom drawing at right.

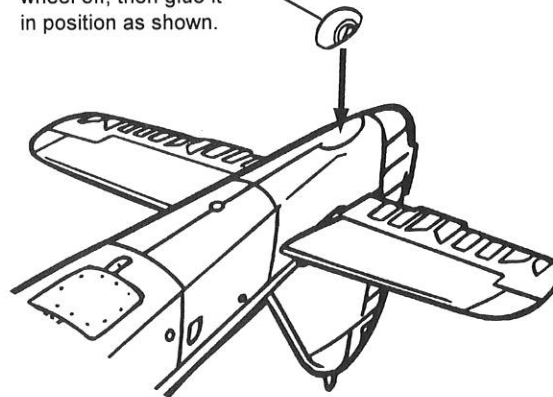


PAINTING NOTE: Paint all landing gear parts the same colors as indicated on the previous page.

To build the tail gear in the retracted position, cut it off the model here.

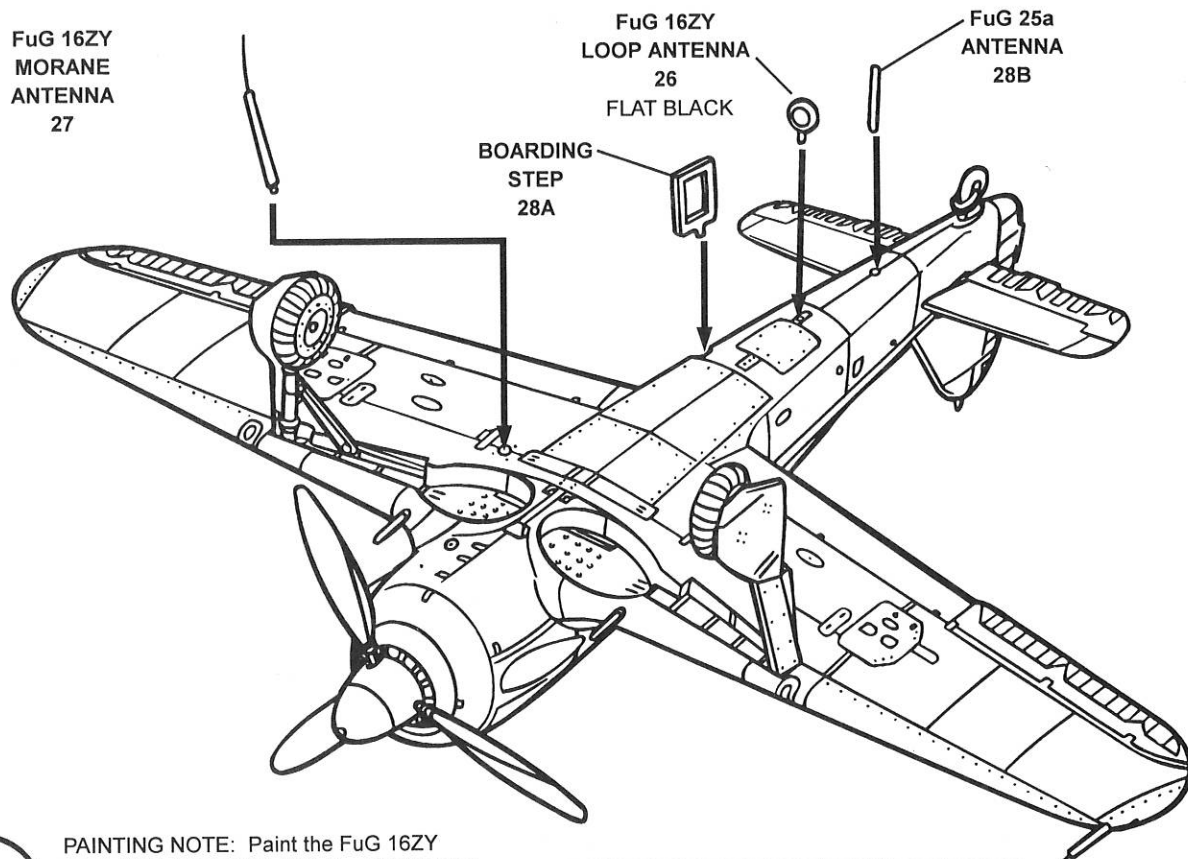


Cut this part of the tail wheel off, then glue it in position as shown.



Details of the tail wheel are visible in this photograph. The strut was painted GRAY, RLM 02, and the wheel was dark gray or flat black. (Detail & Scale photo by Bert Kinzey)

# STEP 7, UNDERSIDE DETAILS



**PAINTING NOTE:** Paint the FuG 16ZY MORANE ANTENNA (27), the BOARDING STEP (28A), and the FuG 25a ANTENNA (28B), the same color as the underside of the aircraft.

PAINT ALL PARTS BEFORE ASSEMBLY.

1. Glue the FuG 16ZY MORANE ANTENNA (27) in place under the left wing.
2. Cement the BOARDING STEP (28A) to its position on the lower left side of the fuselage.
3. Glue the FuG 16ZY LOOP ANTENNA (26) in place on the underside of the aft fuselage.
4. Cement the FuG 25a ANTENNA (28B) into its hole further aft on the underside of the fuselage.

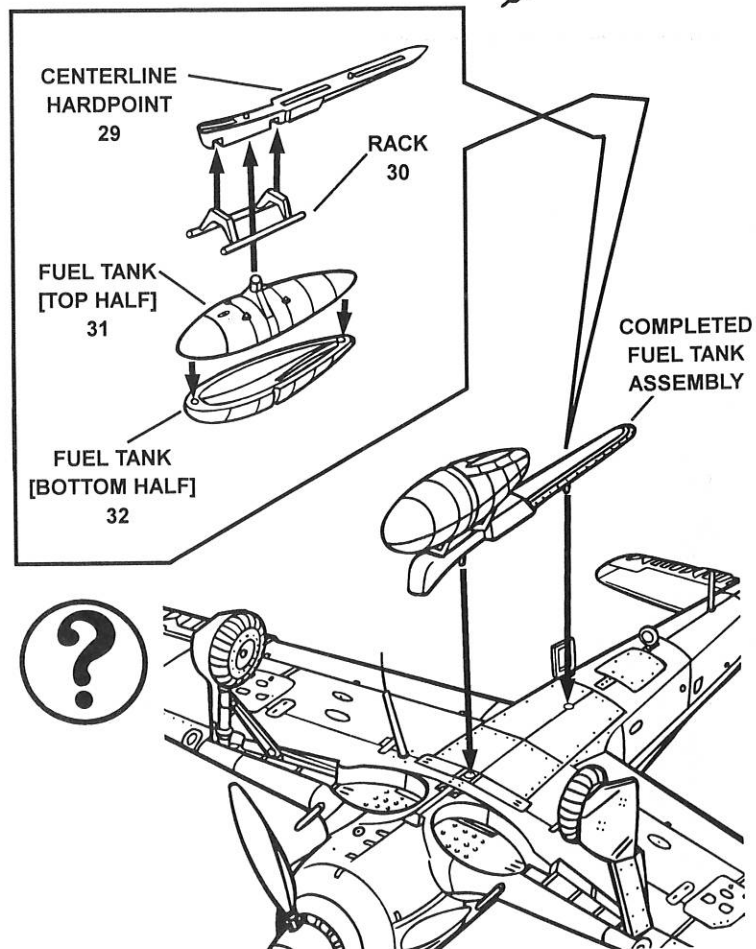
**NOTE:** The use of the external fuel tank on the centerline station is optional. If you wish to use these parts, continue with the remaining items in this step.

5. Glue the RACK (30) to the CENTERLINE HARDPOINT (29) as shown in the detail drawing at right.

6. Cement the FUEL TANK [TOP HALF] (31) to the FUEL TANK [BOTTOM HALF] (32), then glue the completed fuel tank to the CENTERLINE HARDPOINT & RACK assembly.

**NOTE:** The completed FUEL TANK ASSEMBLY should be painted the same color as the underside of the aircraft.

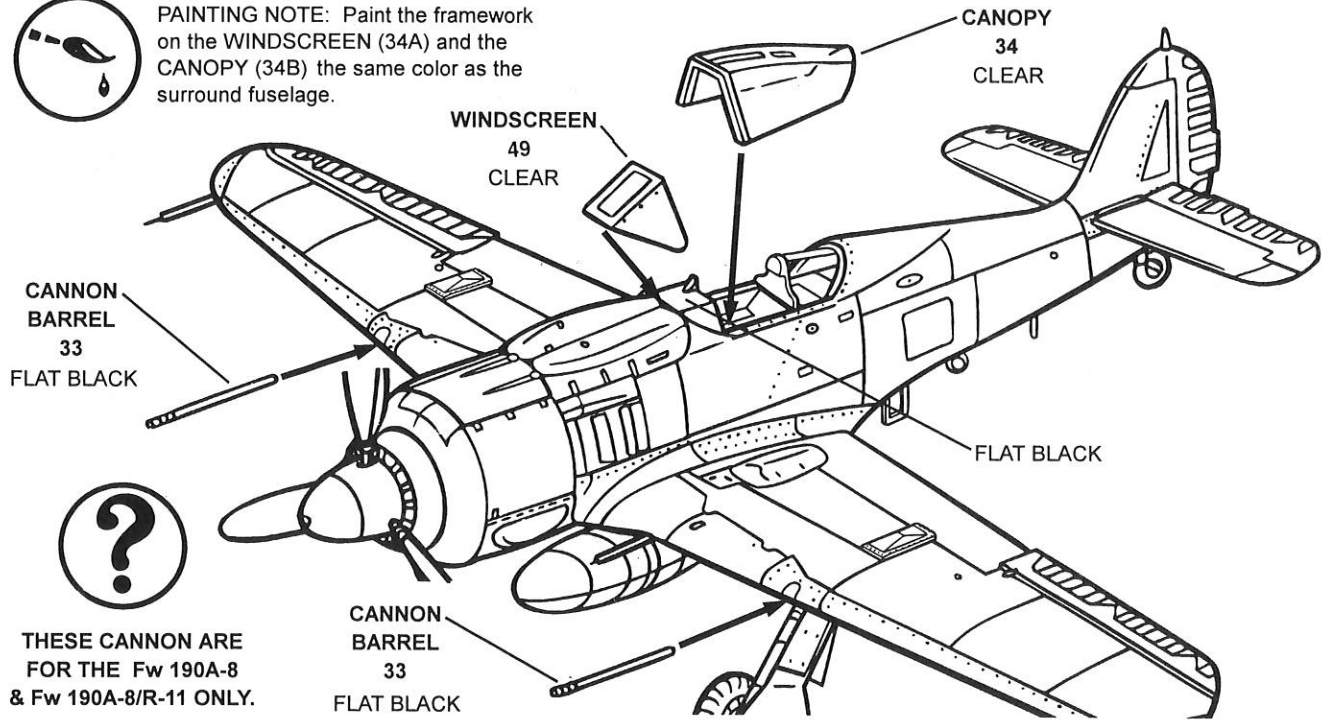
7. Glue the COMPLETED FUEL TANK ASSEMBLY in place on the underside of the aircraft.



# STEP 8, CANOPY & CANNON DETAILS



**PAINING NOTE:** Paint the framework on the WINDSCREEN (34A) and the CANOPY (34B) the same color as the surround fuselage.



THESE CANNON ARE FOR THE Fw 190A-8 & Fw 190A-8/R-11 ONLY.

PAINT ALL PARTS BEFORE ASSEMBLY.

1. If you are building either the basic Fw 190A-8 or the Fw 190A-8/R11 radar version, glue the two CANNON BARRELS (33) into place on the leading edge of the wings.
2. Using a water-based white glue, attach the WINDSCREEN (49) to its place in front of the cockpit.
3. Also using the water-based white glue, attach the CANOPY (34) to its location covering the cockpit.

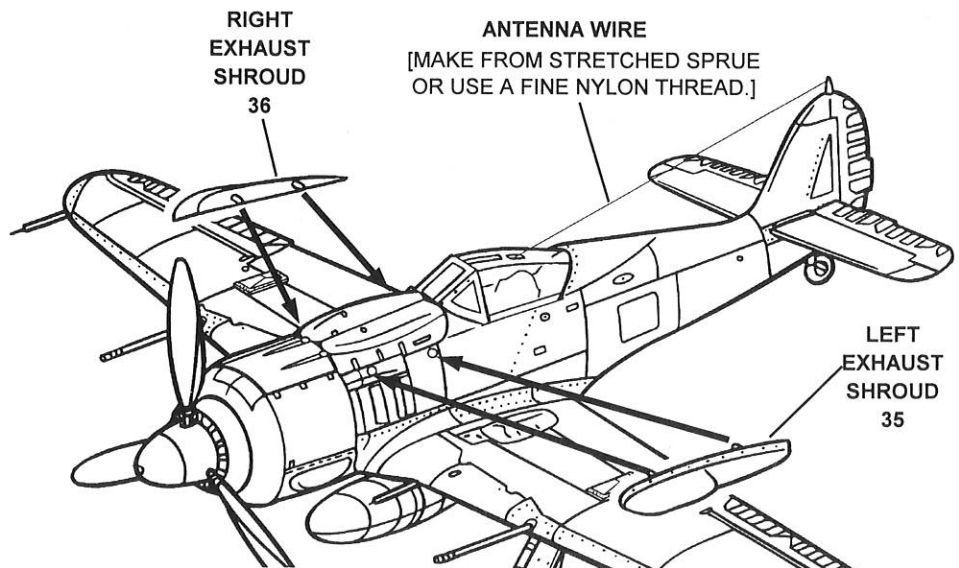
# STEP 9, EXHAUST SHROUDS & ANTENNA WIRE



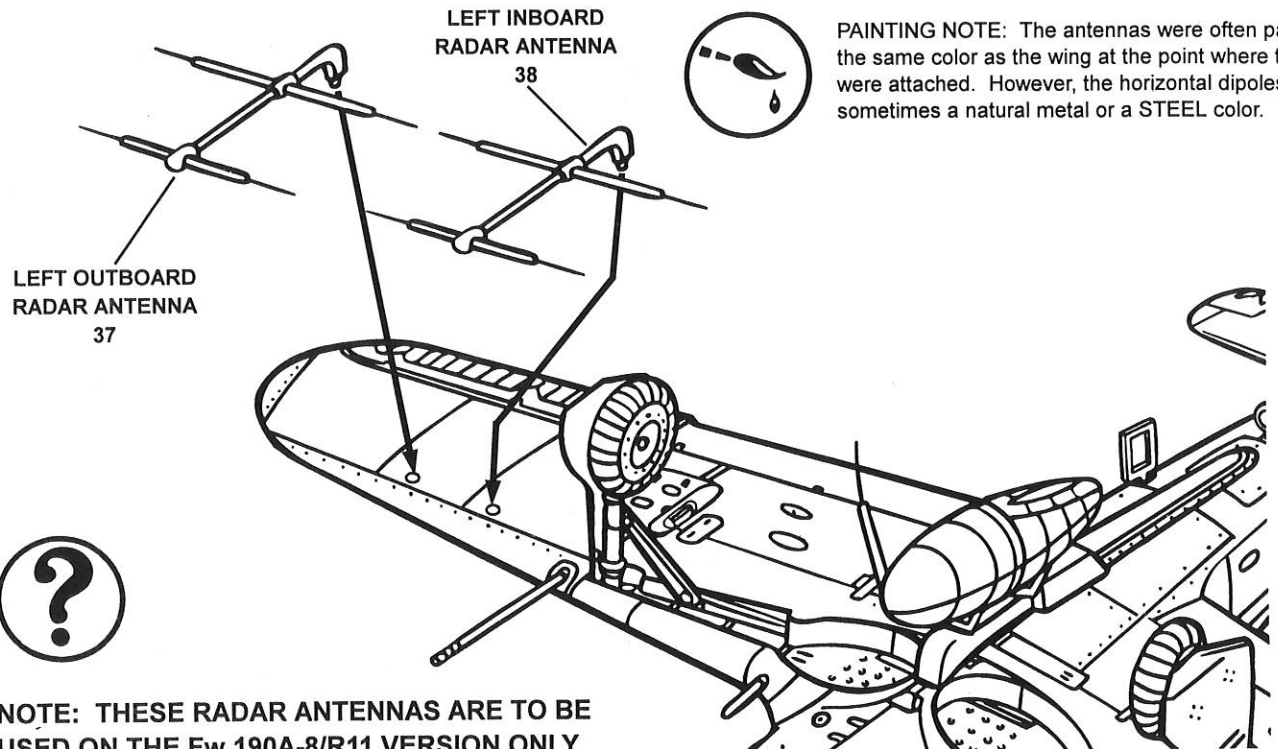
PAINT ALL PARTS BEFORE ASSEMBLY.

1. This item is for the Fw 190A-8/R11 radar version only. Glue the LEFT EXHAUST SHROUD (35), and the RIGHT EXHAUST SHROUD (36) to the sides of the forward fuselage.

2. This item is for all versions. Using some stretched sprue or thin nylon thread, add the wire antenna between the top of the canopy and the small mast on top of the vertical tail.



# STEP 10, RADAR ANTENNA ASSEMBLY

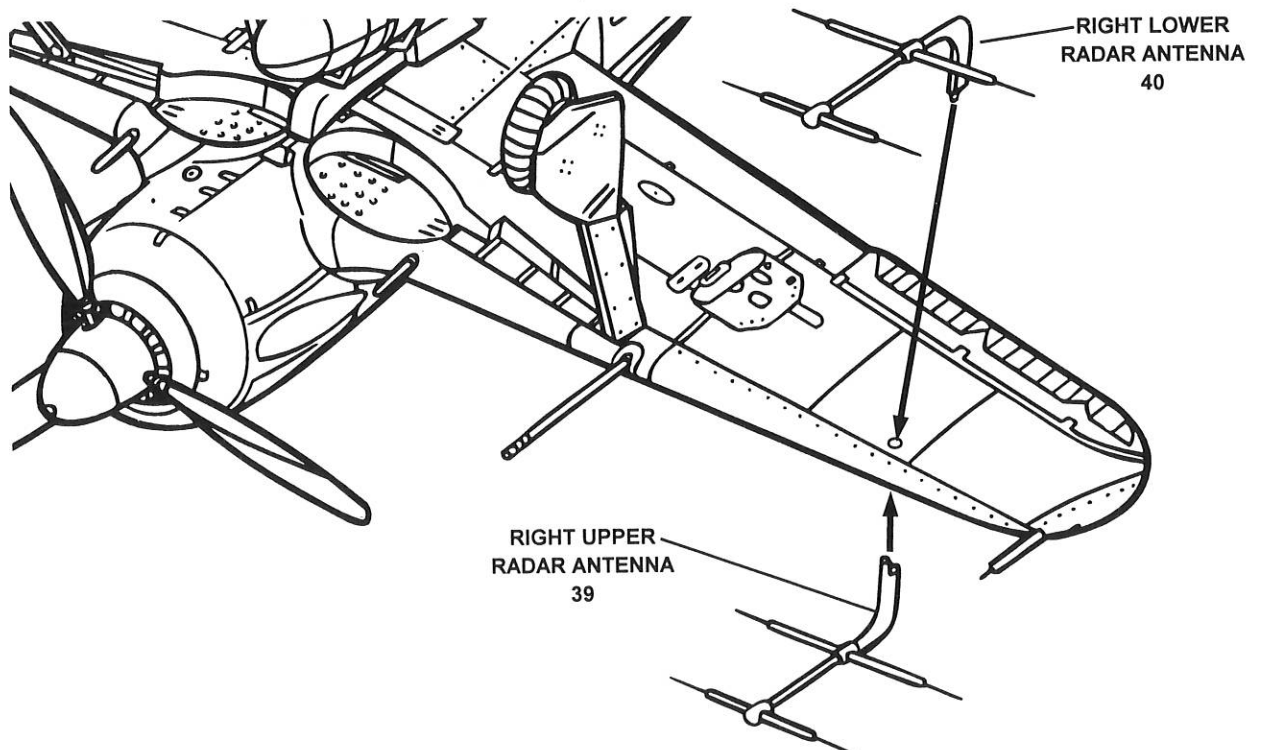


**NOTE: THESE RADAR ANTENNAS ARE TO BE USED ON THE Fw 190A-8/R11 VERSION ONLY.**

PAINT ALL PARTS BEFORE ASSEMBLY.

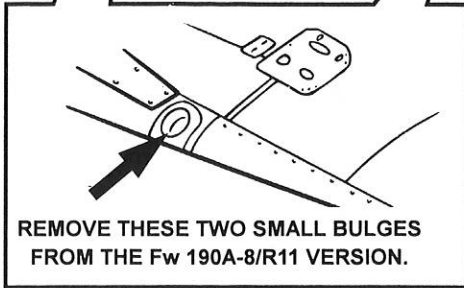
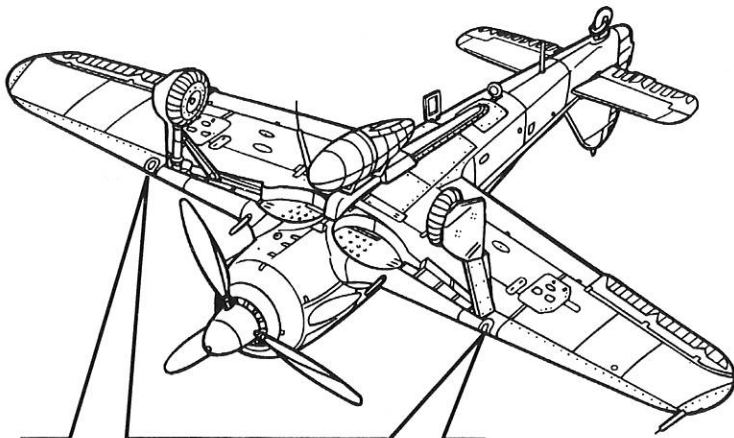
NOTE: These radar antennas are to be used only with the Fw 190A-8/R11 version.

1. Glue the LEFT OUTBOARD RADAR ANTENNA (37) and the LEFT INBOARD RADAR ANTENNA (38) to the underside of the left wing as illustrated in the drawing above.
2. Glue the RIGHT UPPER RADAR ANTENNA (39) and the RIGHT LOWER RADAR ANTENNA (40) in place on the leading edge of the right wing as shown in the drawing below.

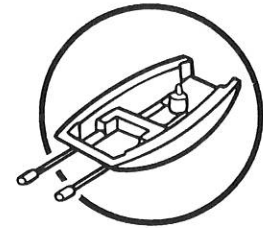




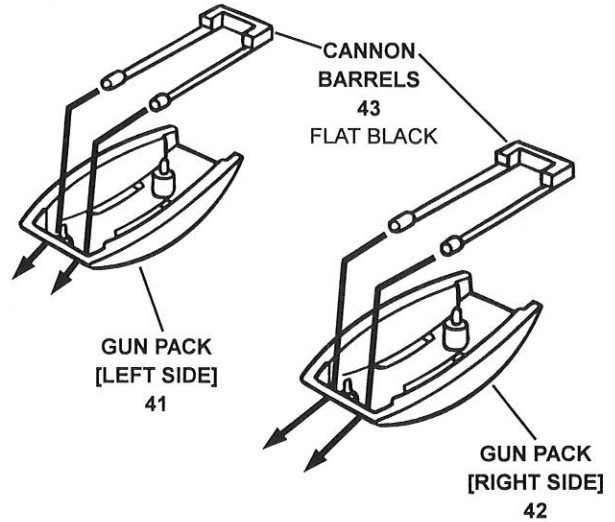
# STEP 11, GUN PACK ASSEMBLY



REMOVE THESE TWO SMALL BULGES FROM THE Fw 190A-8/R11 VERSION.



COMPLETED GUN PACK



PAINT ALL PARTS BEFORE ASSEMBLY.

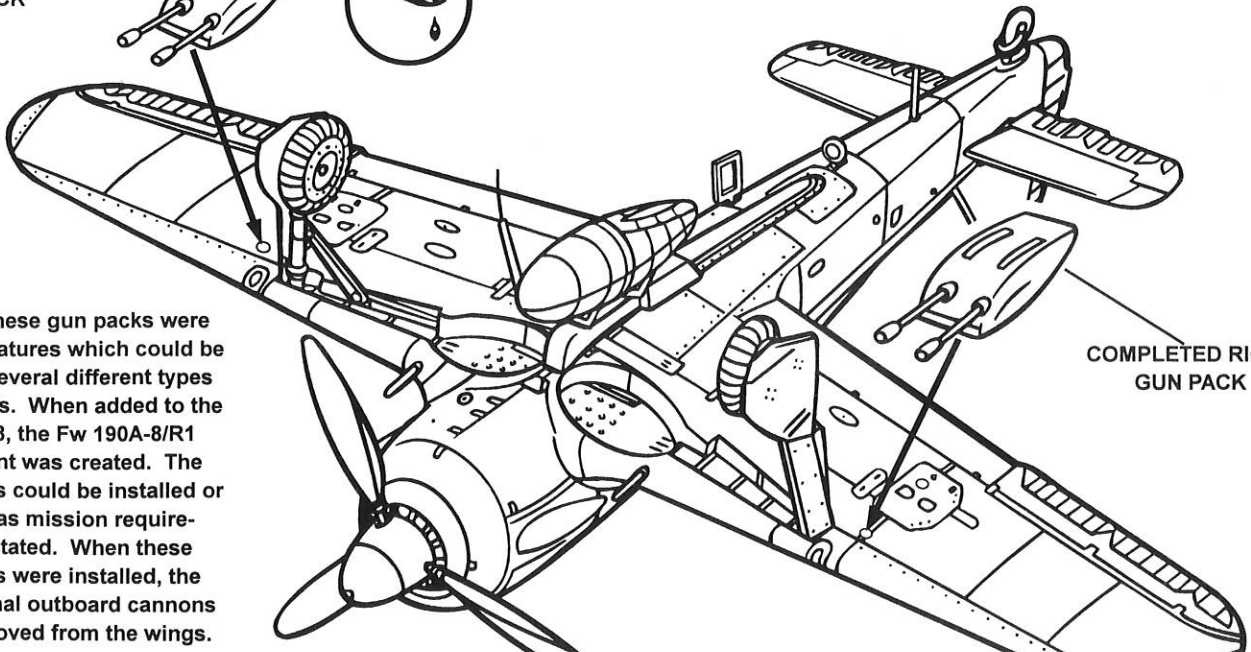
NOTE: These gun packs could be fitted to the Fw 190A-8 and other versions of the Fw 190 in the field as needed. When the packs were installed, the outer wing cannons were removed. In this configuration, the aircraft was designated the Fw 190A-8/R1.

1. Remove the two small bulges from the leading edge of the wings as shown in the top left drawing.
2. Glue a pair of CANNON BARRELS (43) into the GUN PACK [LEFT SIDE] (41) and the GUN PACK [RIGHT SIDE] (42) as indicated in the top right drawing.
3. Cement the COMPLETED GUN PACKS to the underside of the wings as shown in the drawing below.

COMPLETED LEFT GUN PACK



PAINTING NOTE: Paint the gun packs (except for the barrels) the same color as the underside of the aircraft.



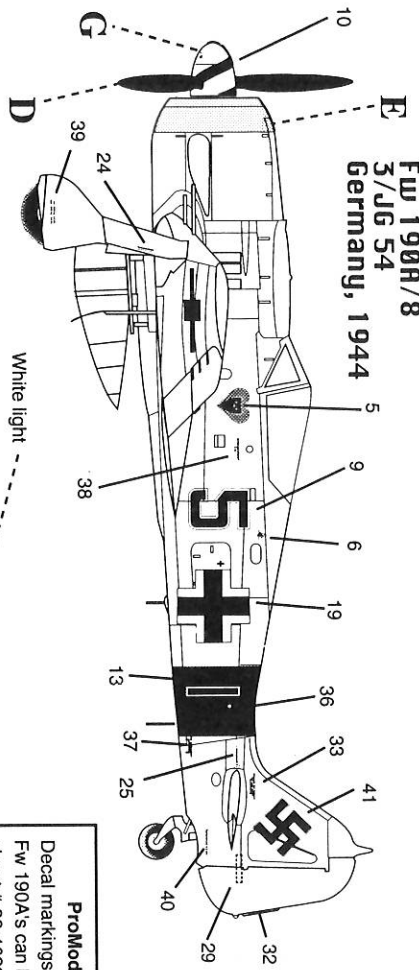
COMPLETED RIGHT GUN PACK

NOTE: These gun packs were add-on features which could be fitted to several different types of Fw 190s. When added to the Fw 190A-8, the Fw 190A-8/R1 sub-variant was created. The gun packs could be installed or removed as mission requirements dictated. When these gun packs were installed, the two internal outboard cannons were removed from the wings.



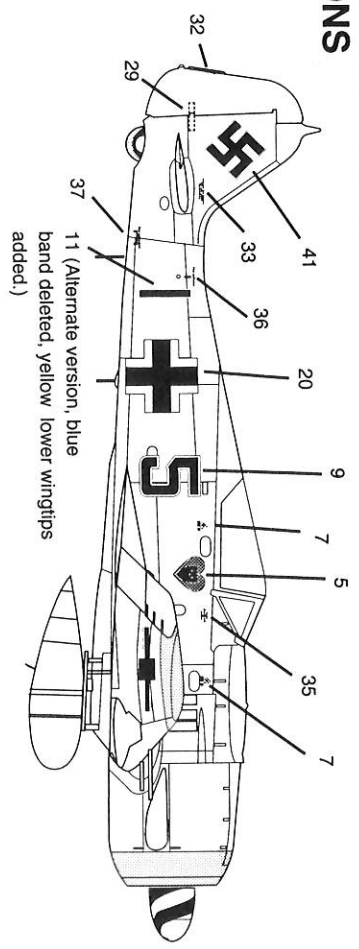
# DECAL APPLICATION AND INSTRUCTIONS

**Fw 190R/8**  
**3/JG 54**  
**Germany, 1944**



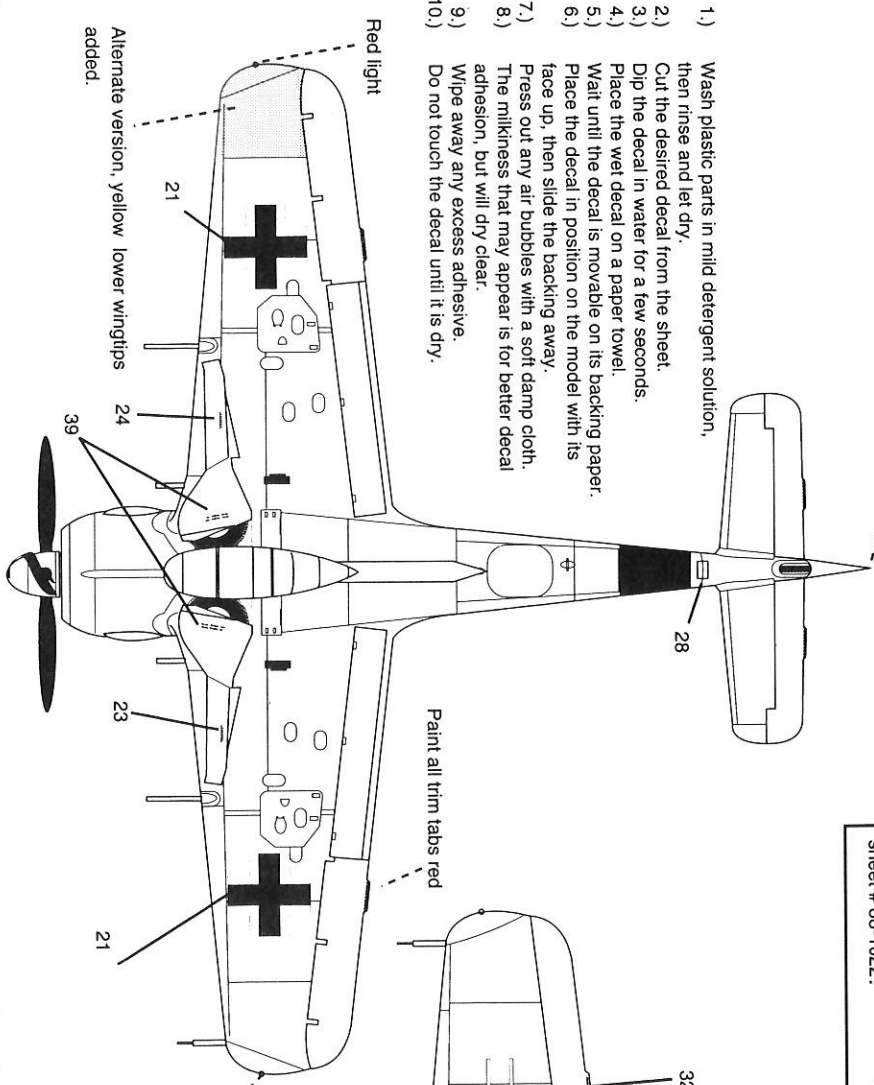
White light

**Promodeler Decals**  
Decal markings for three additional Fw 190As can be obtained on decal sheet # 88-1022.



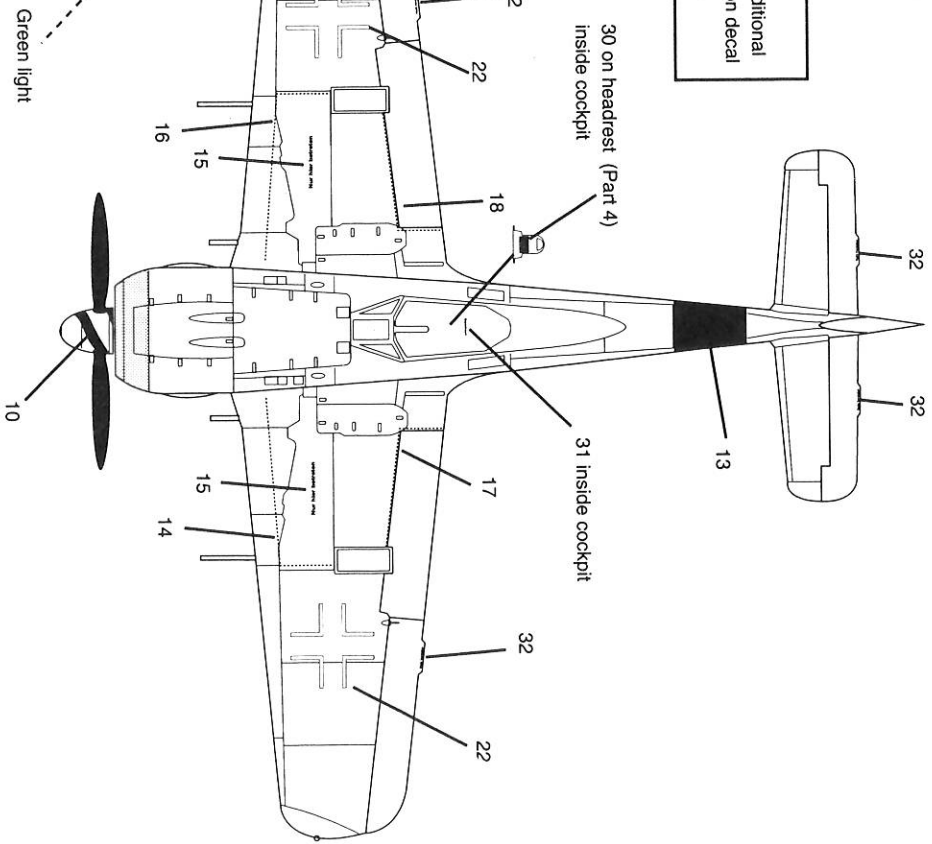
11 (Alternate version, blue band deleted, yellow lower wingtips added.)

- 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.



Red light

Alternate version, yellow lower wingtips added.

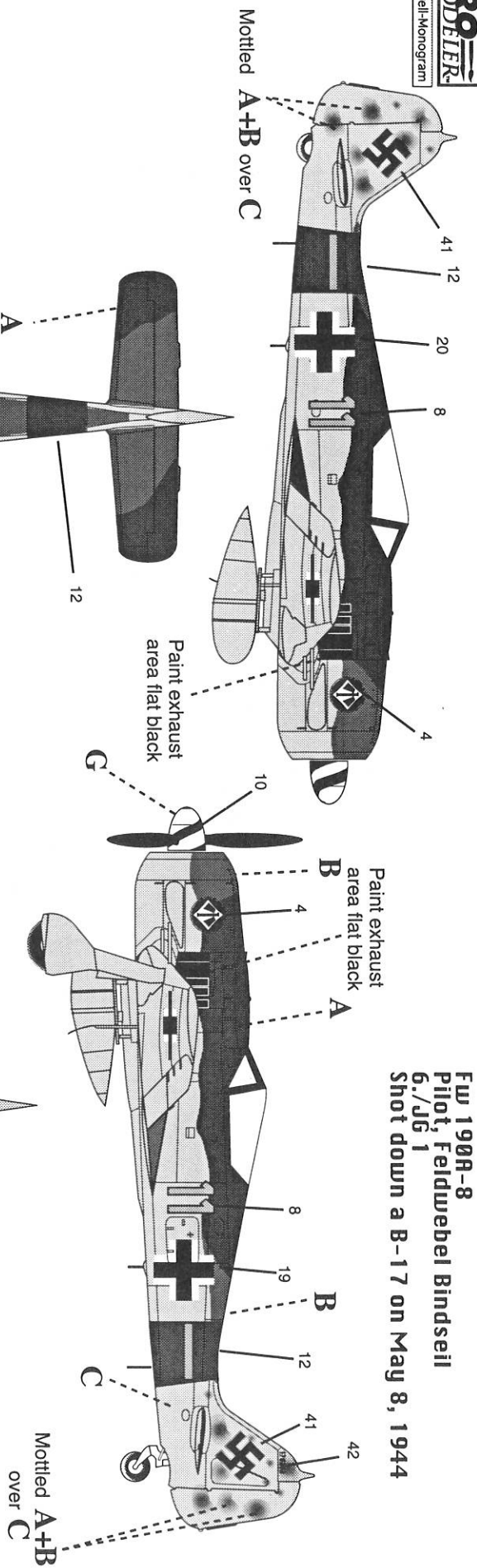


Paint all trim tabs red

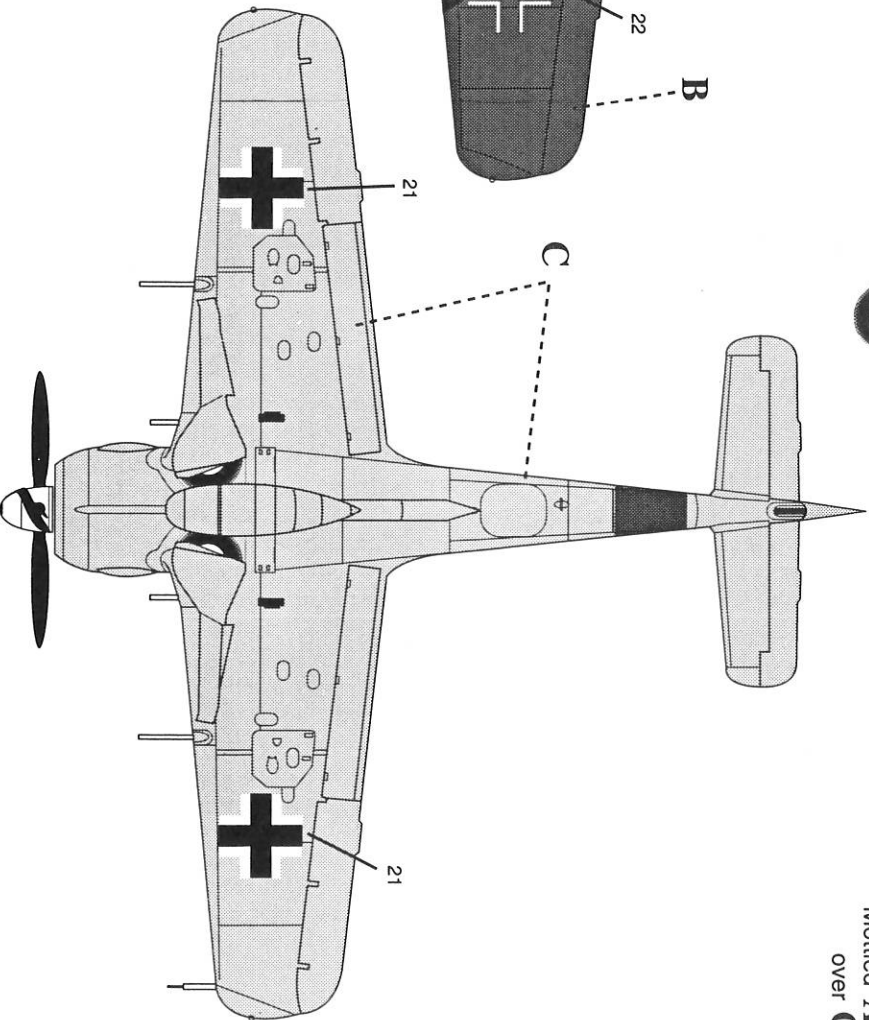
Green light

**Use the camouflage pattern for " White 9 " for this version.**  
The camouflage pattern has been omitted to show the location of the stenciling..

**Fw 190R-8**  
Pilot, Feldweibel Bindseil  
6./JG 1  
Shot down a B-17 on May 8, 1944



- A** DARK GRAY RLM 74  
ProModeler
- B** GRAY RLM 75
- C** LIGHT BLUE RLM 76  
ProModeler 88-0042
- D** YELLOW RLM 04
- E** BLACK GREEN RLM 70  
ProModeler 88-0043
- F** RED RLM 23
- G** WHITE  
ProModeler 88-0002



**Fw 190A-8/R11**  
**Pilot, Oberfeldwebel Günther Migge**  
**1./NJGr.10**  
**Werneuchen, March 1944**

