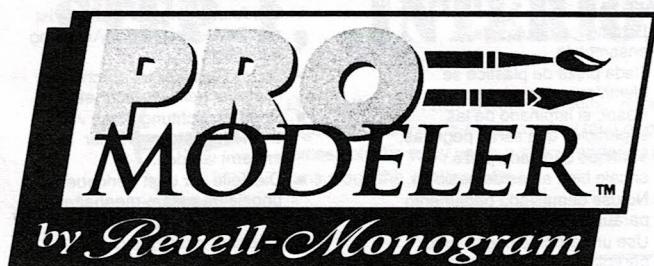
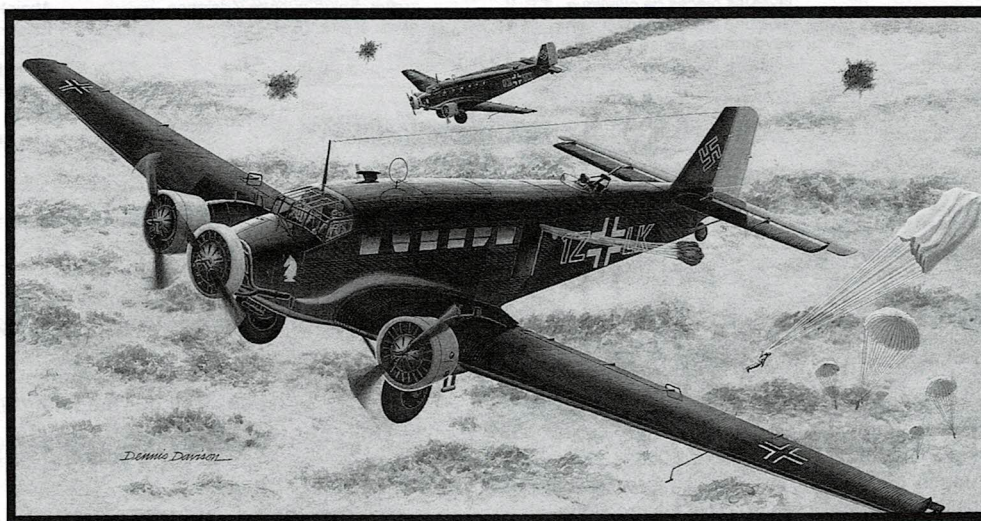


KIT 5944



JUNKERS Ju 52/3m TRANSPORT

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



The Junkers Ju 52 was originally designed and produced as a single-engine civil transport which first flew in October 1930. But in 1931, Junkers modified the design to one with three engines. It was designated Ju 52/3m, with the 3m indicating *Dreimotoren* or three motors. The Ju 52/3m first flew in April 1932, and it was produced in large numbers for use by Lufthansa and the airlines of over twenty other nations.

In 1934, the first military version, designated the Ju 52/3mg3e, was produced as a transport and a medium bomber. It could carry a bomb load of approximately 1,300 pounds, and it was defended by machine guns in the dorsal position and a retractable "dust bin" under the fuselage.

When the Spanish Civil War began in July 1936, Germany provided twenty Ju 52/3mgs to the Nationalist forces, and they later served with the Legion Condor. These aircraft were used primarily as transports, but they also saw duty as bombers as well. Combat operations illustrated the fact that although the Ju 52/3m was an excellent transport aircraft, it was not well suited to be a bomber. As a result, it was soon replaced in the bombing role by other aircraft that were specifically designed for that mission.

The Ju 52/3m remained the most important transport aircraft in the Luftwaffe throughout World War II, deliver-

ing men and supplies wherever needed by Wehrmacht. The Ju 52/3m was also the Luftwaffe's primary air assault aircraft, and it dropped thousands of paratroopers as the German army moved into Poland, Norway, France, Russia, The Netherlands, and other countries. For the transport versions, the lower "dust bin" gun position was deleted, but a single machine gun remained as a defensive weapon on top of the fuselage. The Ju 52/3m6e variant also had an enclosed gun mount above the cockpit.

During World War II, several specialized versions of the Ju 52 were developed. These included aircraft fitted with floats for operations on water, and a special mine warfare variant had a large hoop antenna to explode magnetic mines that jeopardized German shipping. Ju 52/3ms also served as glider tugs for air assault operations, while others were employed as VIP transports. Adolf Hitler often used one as his personal aircraft.

Your ProModeler kit comes with optional parts and markings for two different aircraft. One is a Ju 52/3mg4e which was used by Spain's Nationalists Grupo de Bombardeo, Nocturno, 2-G-22 during the Spanish Civil War. The second is a Ju 52/3mg7e assigned to 2.Staffel, Kgzv 1 at Milos, Greece in May 1941. It was one of 493 Ju 52/m3 used in the invasion of Crete. Known as Operation Merkur, this was the last major airborne assault of German paratroopers during World War II.

READ THIS BEFORE YOU BEGIN

- Study the assembly drawings.
- Each plastic part is identified by a number.
- Scrape painting 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**



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

LISEZ CE QUI SUIV AVANT DE COMMENCER LE MONTAGE

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



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



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

LEA ESTO ANTES DE EMPEZAR

- Estudie los dibujos de ensamble.
- 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 unicamenté 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 calcomanias lávenselas 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 ersichtlich.
- Jedes Plastikteil ist durch eine Nummer gekennzeichnet.
- Bei Beschichtung muss von alien Klebestellen vorher entfernt werden.
- Die Teile vor dem Verkleben ungeleimt zusam-menhalten um ihrer Pass itz zu prüfen.
- Klebstoff nicht zu dick auftragen.
- 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.



PAINTING TIPS AND NOTES



MODELING TIPS AND NOTES

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 plan number (85594400200), part number, description, and your return address.

Visit our website: www.revell-monogram.com

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.

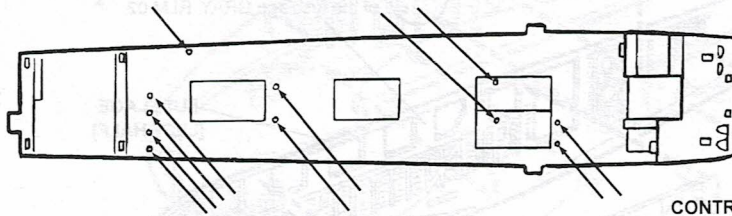
ENGLISH	FS EQUIVALENT	GERMAN	SPANISH	FRENCH
GRAY, RLM 02	24226	GRAU	FRIS	GRIS
DARK BROWN, RLM 61	NONE	DUNKELBRAUN	CAFE MILITAR	BRUN MILITAIRE
LIGHT GRAY, RLM 63	NONE	KOMPASSGRAU	GRIS CLARO	GRIS CLAIR
LIGHT GRAY, RLM 77	36493	KOMPASSGRAU	GRIS CLARO	GRIS CLAIR
LIGHT BLUE, RLM 65	24277	GELLBLAU	AZULCLARO	BLEU CLAIR
GREEN, RLM 62	NONE	GRÜN	VERDE	VERT
DARK GREEN, RLM 71	24079	DUNKELGRÜN	VERDE OSCURO	VERT FONCE
BLACK-GREEN, RLM 70	34052	SCHWARZGRÜN	VERDE NEGRO ALEMAN	VERT NOIR-ALLEMANO
RED, RLM 23	11350	ROT	ROJO	ROUGE
YELLOW, RLM 27	23538	GLEB	AMARILLO	JAUNE
GLOSS BLACK	17038	SCHWARZ-GLÄNZEND	NEGRO BRILLANTE	NOIR LUSTRE
FLAT BLACK	37038	MATT SCHWARZ	NEGRO APAGADO	NOIR TRENE
FLAT WHITE	37855	MATT-WEISS	BLANCO	BLANC
TAN	NONE	HELLBRAUN	CANELA	BRUN CLAIR
SILVER	NONE	SILVER	PLATA	ARGENT
STEEL	NONE	EISENFARBIG	MATALICO	METALLIQUE
GUNMETAL	NONE	SCHWARZ-EISENFARBIG	NEGRO-METALICO	NOIR-METALLIQUE

STEP 1, INTERIOR ASSEMBLY

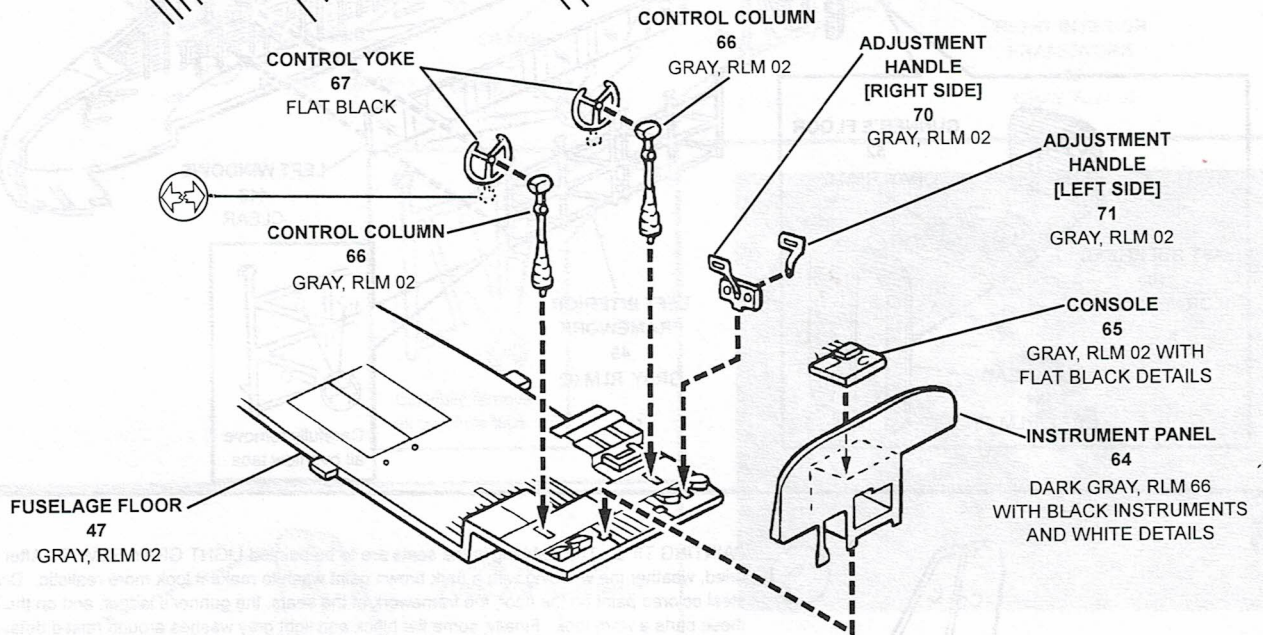


MODELING NOTES: Before beginning, carefully separate the sprue trees of parts by cutting the pins that hold them together. Many parts have overflow tabs or gates that must be carefully removed before they are assembled. Cut the excess plastic away using a sharp modeling knife. Be very careful when working with corrugated parts. Liquid cement runs along the corrugations.

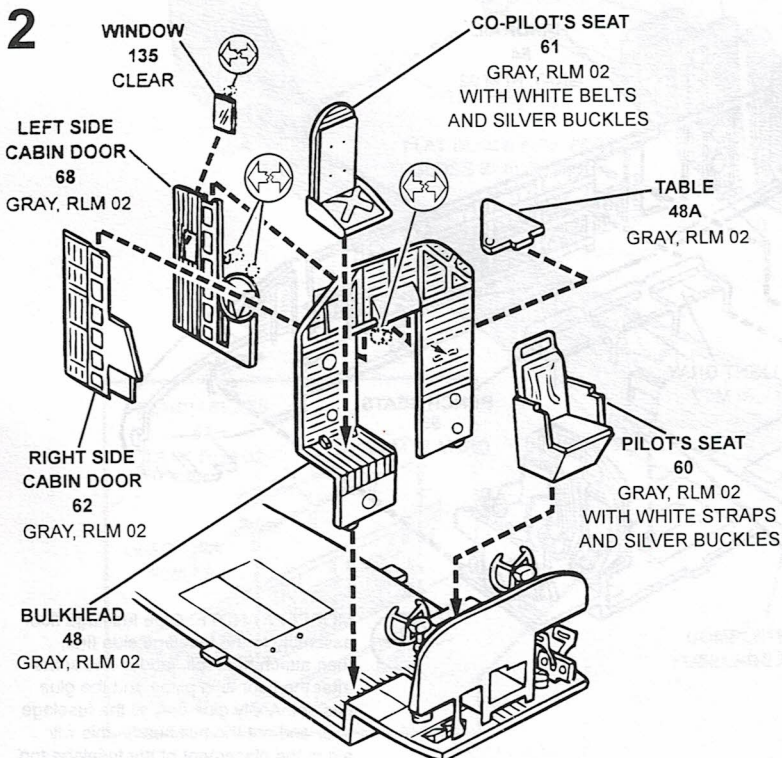
1



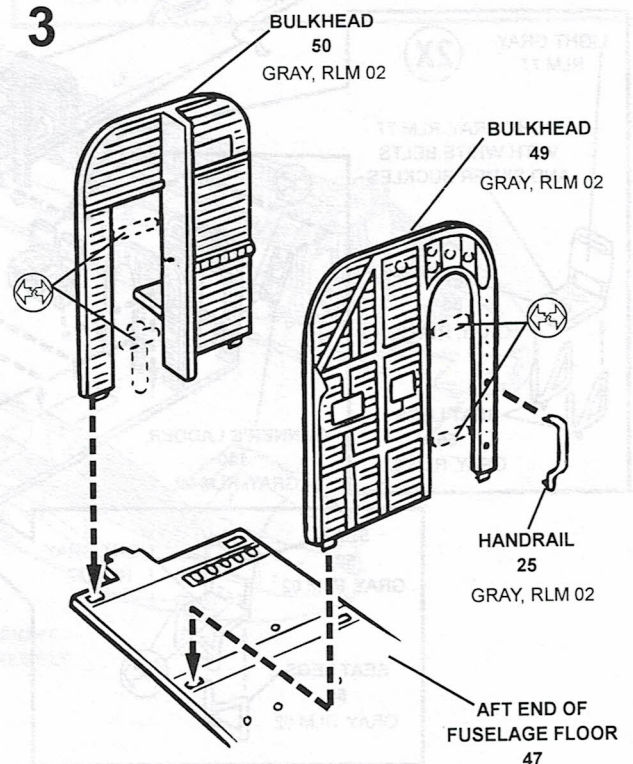
Remove the FUSELAGE FLOOR (47) and use the point of a modeling knife to open up all holes which are indicated on the bottom of the part. There are a total of eleven holes to be opened.



2



3



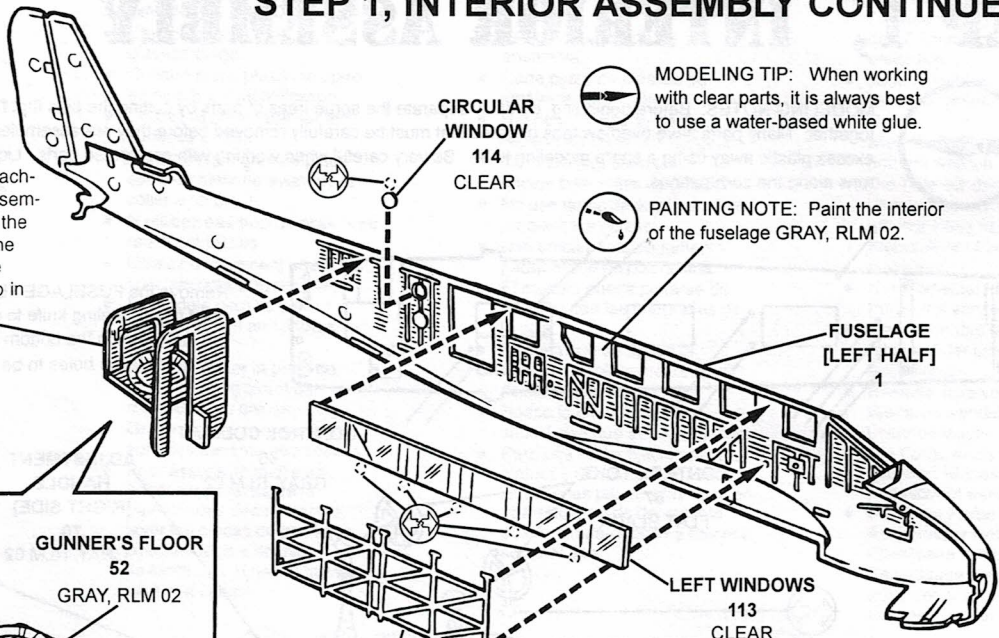
4

STEP 1, INTERIOR ASSEMBLY CONTINUED



MODELING NOTE: When attaching gunner's compartment assembly to fuselage, apply glue to the gunner's floor only, and not the bulkheads. This will aid in the placement of the fuselage top in step 2.

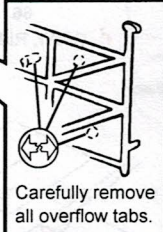
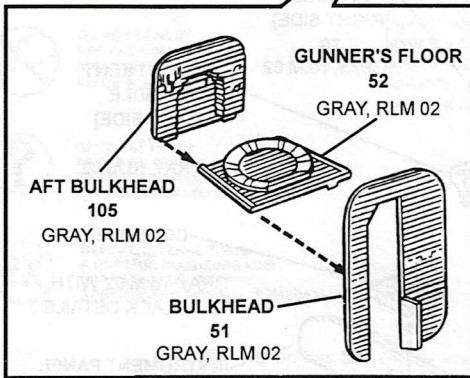
COMPLETED GUNNER'S COMPARTMENT



MODELING TIP: When working with clear parts, it is always best to use a water-based white glue.



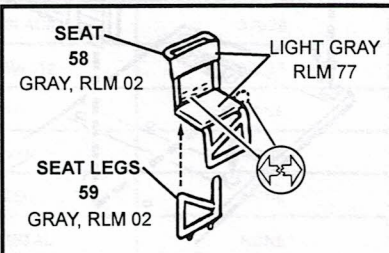
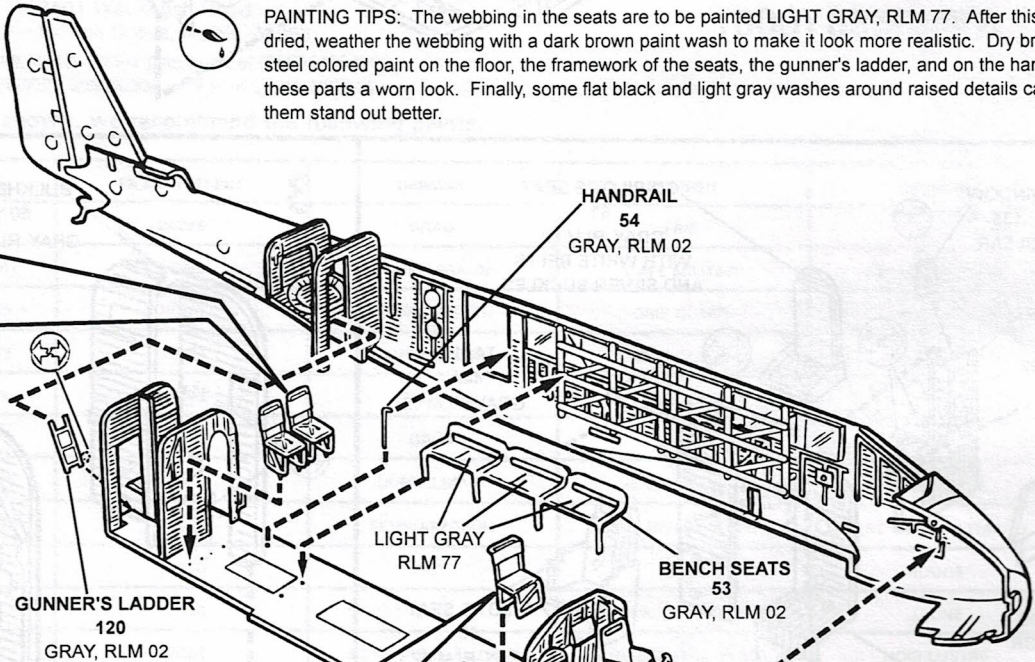
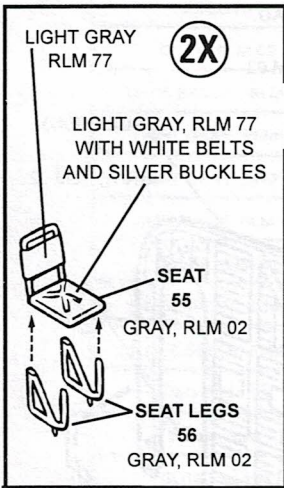
PAINTING NOTE: Paint the interior of the fuselage GRAY, RLM 02.



5




PAINTING TIPS: The webbing in the seats are to be painted LIGHT GRAY, RLM 77. After this paint has dried, weather the webbing with a dark brown paint wash to make it look more realistic. Dry brush some steel colored paint on the floor, the framework of the seats, the gunner's ladder, and on the handrail to give these parts a worn look. Finally, some flat black and light gray washes around raised details can make them stand out better.



MODELING NOTE: Glue fuselage floor assembly to the fuselage side first, then attach handrail, ladder and seats after the floor is in place and the glue has set. Apply glue only to the fuselage floor and not the bulkheads- this will aid in the placement of the fuselage top in step 2.

STEP 1, INTERIOR ASSEMBLY CONTINUED

6

 PAINTING NOTE: Paint the interior of the fuselage, GRAY, RLM 02.

FUSELAGE
[RIGHT HALF]
2

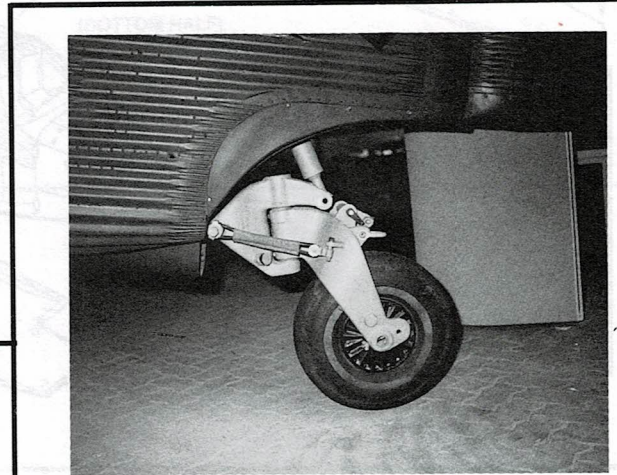
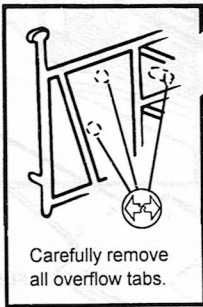
RIGHT SIDE WINDOWS
112
CLEAR



HANDLE
63
GRAY, RLM 02.

CRANK
134
GRAY, RLM 02.

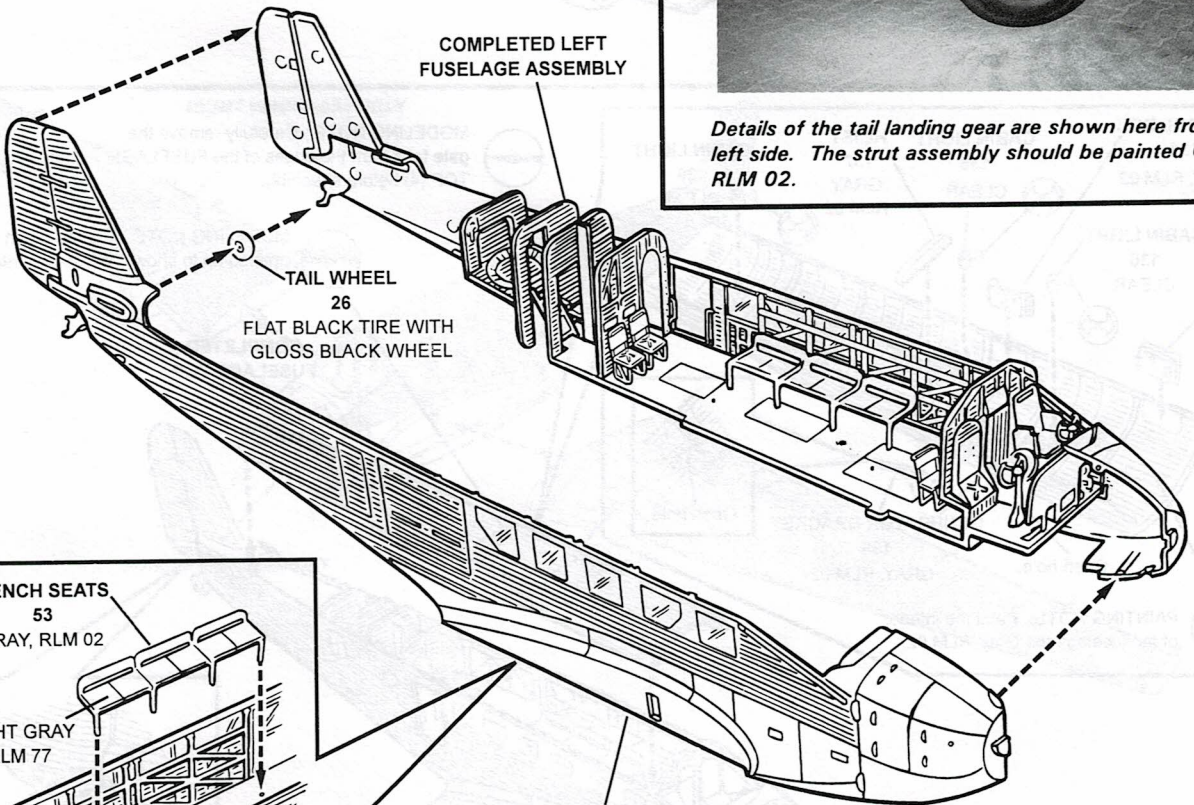
RIGHT INTERIOR
FRAMEWORK
46
GRAY, RLM 02



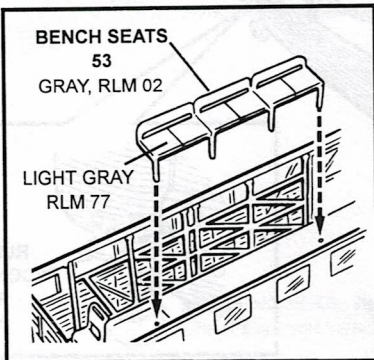
Details of the tail landing gear are shown here from the left side. The strut assembly should be painted GRAY, RLM 02.

7

COMPLETED LEFT
FUSELAGE ASSEMBLY

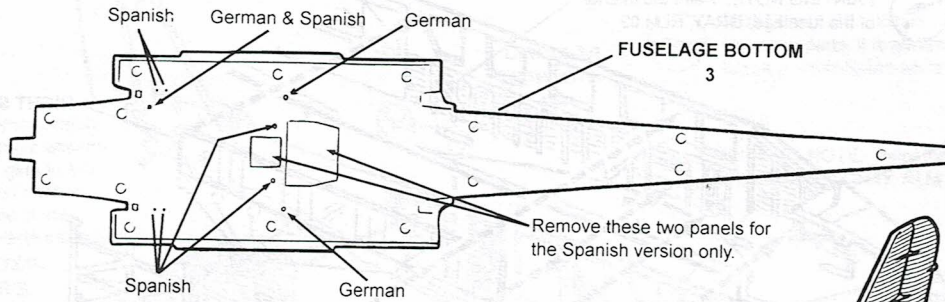


TAIL WHEEL
26
FLAT BLACK TIRE WITH
GLOSS BLACK WHEEL



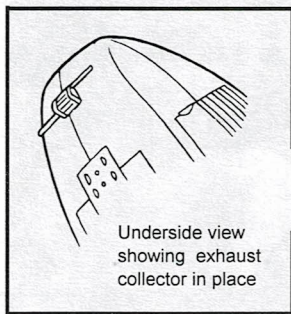
COMPLETED RIGHT
FUSELAGE ASSEMBLY

STEP 2, FUSELAGE ASSEMBLY



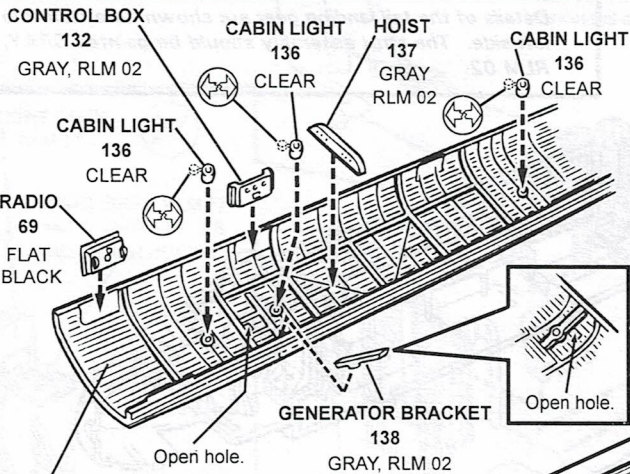
MODELING NOTE: Open up the holes in the FUSELAGE BOTTOM (3) for the German and Spanish versions as indicated in this drawing. Open up the two panels as indicated for the Spanish version only. Guide letters are also engraved on the plastic- A= German version, B=Spanish version.

FUSELAGE ASSEMBLY



EXHAUST COLLECTOR 82 STEEL

FUSELAGE BOTTOM 3



MODELING NOTE: Carefully remove the gate tabs from the edges of the FUSELAGE TOP (4) before assembly.

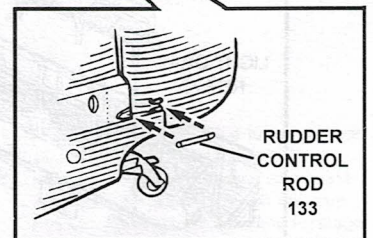


MODELING NOTE: The top hatch can be opened up to show the fuselage interior.

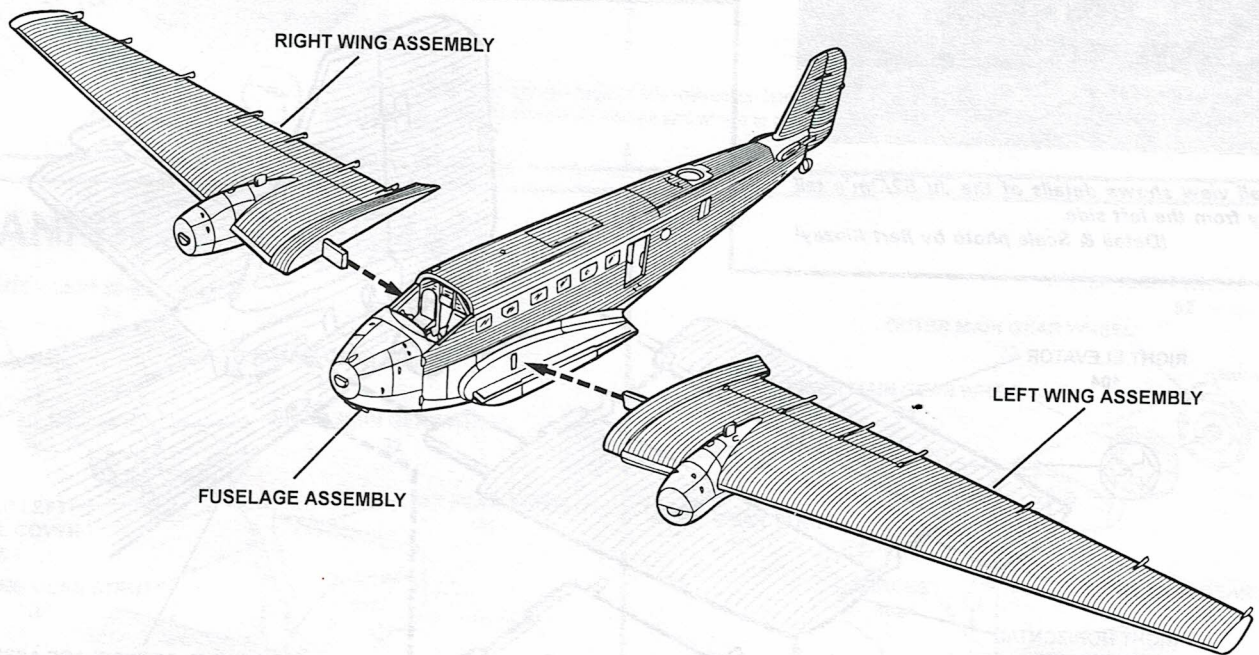
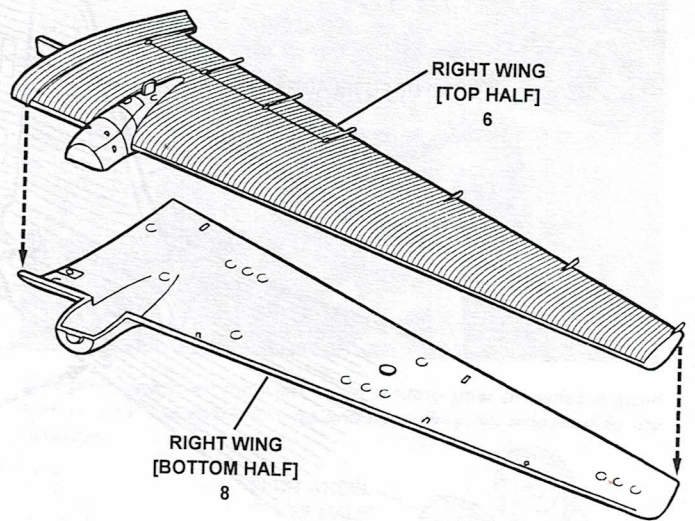
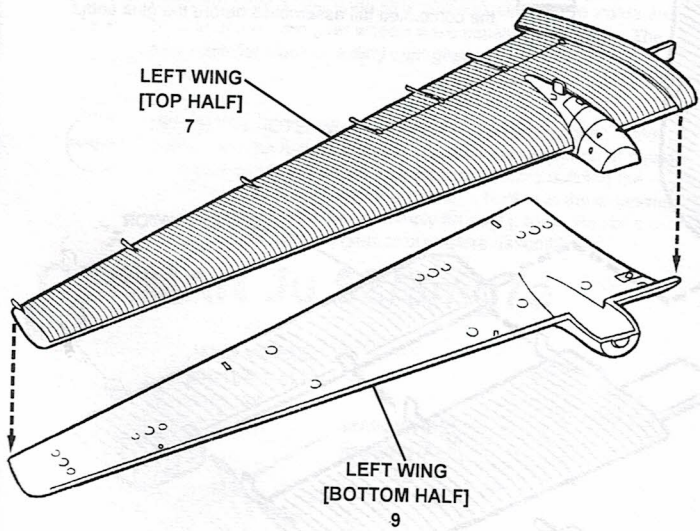
COMPLETED FUSELAGE TOP

PAINTING NOTE: Paint the interior of the fuselage top Gray, RLM 02.

FUSELAGE ASSEMBLY



STEP 3, WING ASSEMBLY



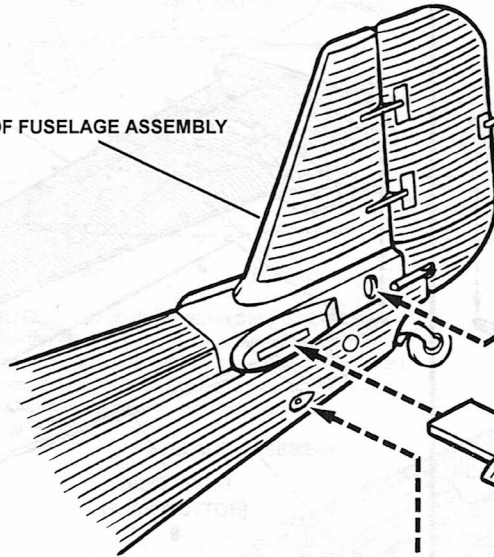
MODELING NOTE: Be careful not to damage the delicate arms on the trailing edge of the wings during assembly. Check alignment carefully as the wings are joined to the fuselage, then set the assembly aside to dry completely.

STEP 4, TAIL ASSEMBLY



MODELING TIP: Carefully check the alignment of the completed tail assemblies before the glue sets.

AFT END OF FUSELAGE ASSEMBLY



LEFT ELEVATOR
103



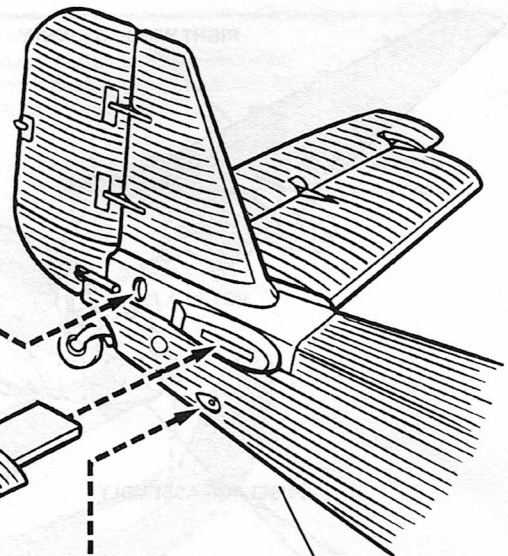
LEFT HORIZONTAL
STABILIZER
[TOP HALF]
20

LEFT HORIZONTAL
STABILIZER
[BOTTOM HALF]
21

STRUT
24



An overall view shows details of the Ju 52/3m's tail assembly from the left side.
(Detail & Scale photo by Bert Kinzey)



RIGHT ELEVATOR
104



RIGHT HORIZONTAL
STABILIZER
[TOP HALF]
22

RIGHT HORIZONTAL
STABILIZER
[BOTTOM HALF]
23

STRUT
24

AFT END OF FUSELAGE ASSEMBLY

STEP 5, MAIN LANDING GEAR ASSEMBLY

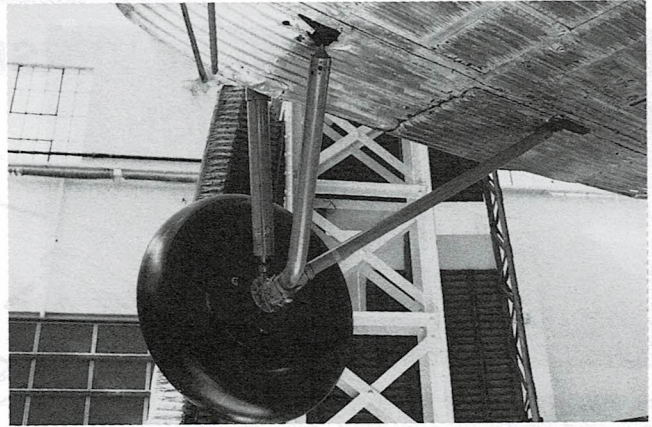


PAINTING NOTES: The landing gear struts were usually painted the same color as the underside of the fuselage. The inside and outside of the main gear wheels were usually gloss black. The tires were flat black or a dirty dark gray.

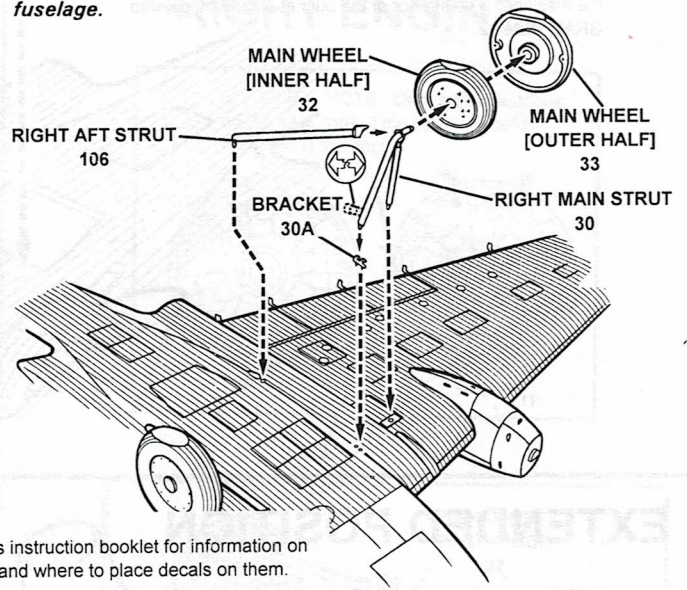
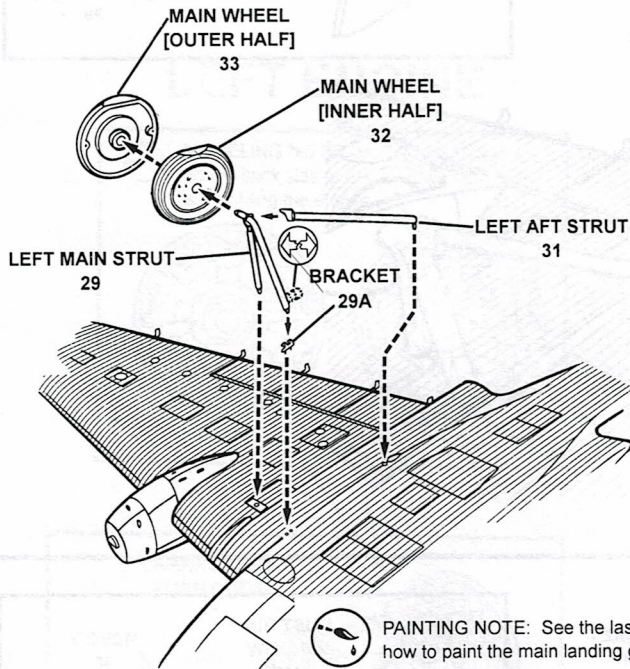


MODELING NOTE: When assembling the landing gear, make certain that the flattened part of the tires are down and fit squarely on your modeling workbench (unless you are building the Spanish Ju 52/3mg4e with the gunner's bucket in the extended position- see gun bucket assembly on next page). Remove overflow tabs from all main gear struts before assembly.

GERMAN Ju 52/3mg7e

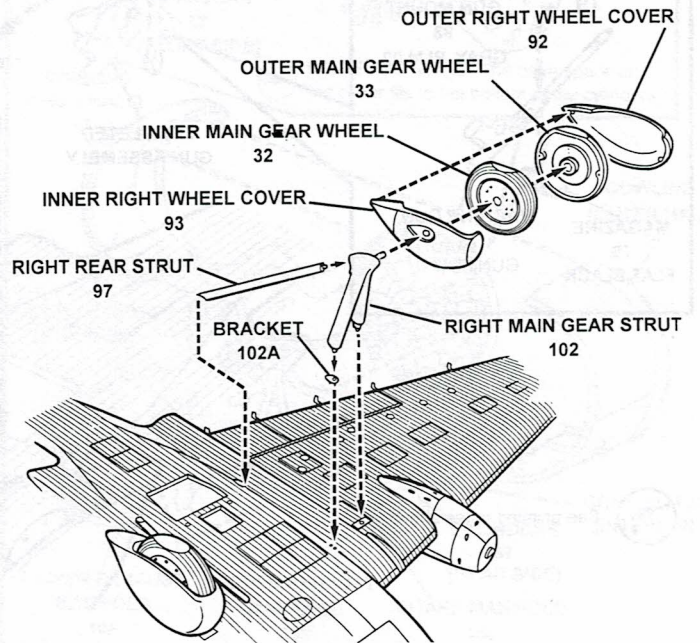
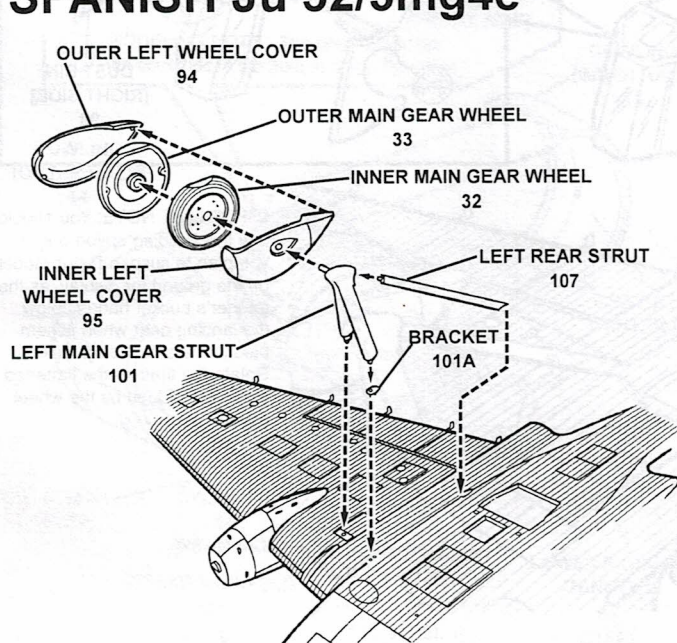


This photograph of the right main landing gear provides a good look at how the struts line up and how they are attached to the fuselage.



PAINTING NOTE: See the last page of this instruction booklet for information on how to paint the main landing gear wheels and where to place decals on them.

SPANISH Ju 52/3mg4e

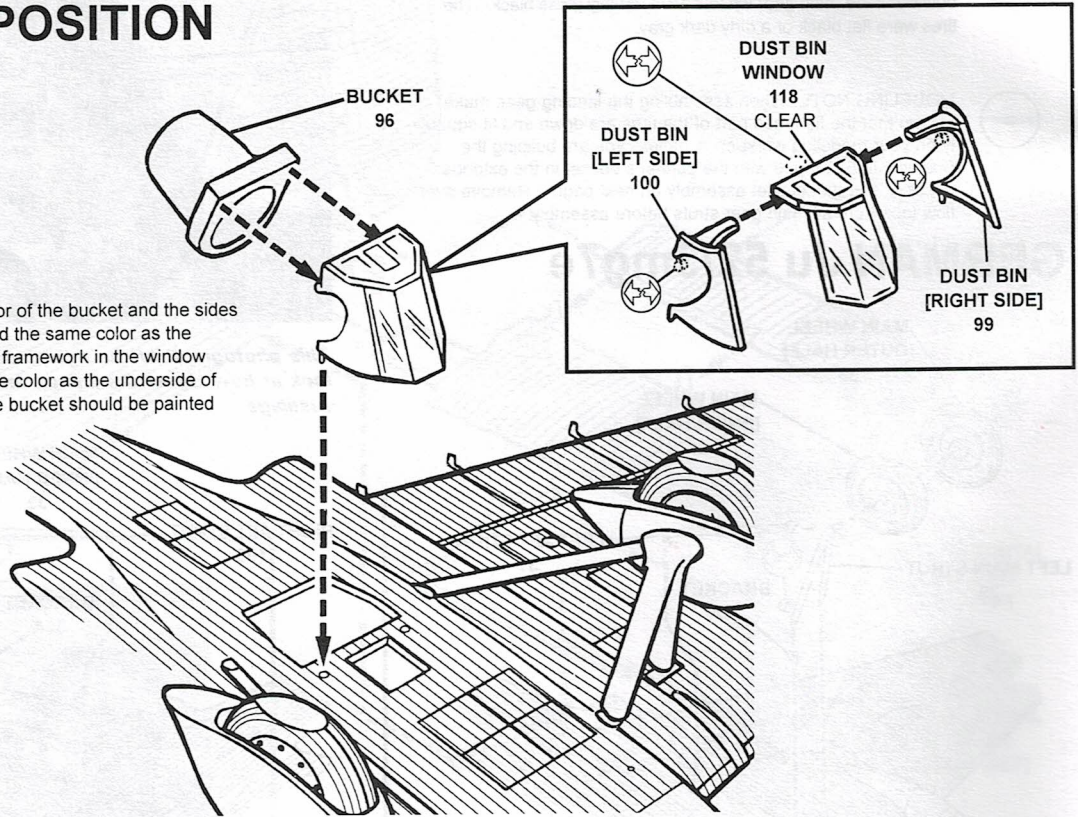


STEP 6, DUST BIN ASSEMBLY

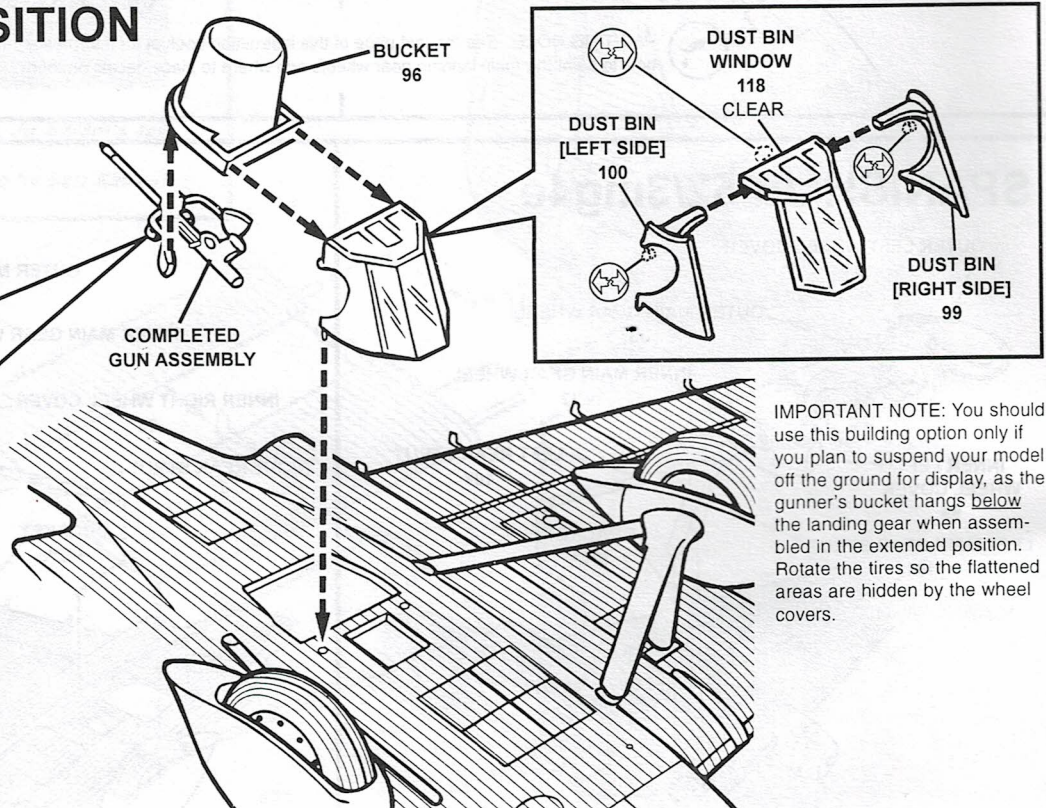
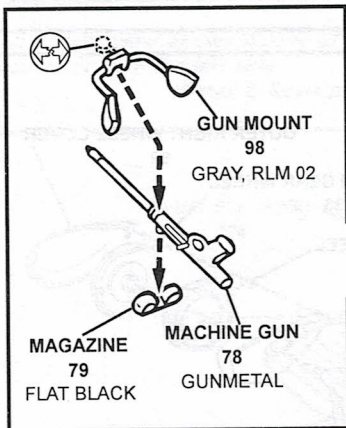
SPANISH Ju 52/3mg4e VERSION ONLY RETRACTED POSITION



PAINTING NOTES: The exterior of the bucket and the sides of the dust bin should be painted the same color as the underside of the fuselage. The framework in the window should also be painted the same color as the underside of the fuselage. The interior of the bucket should be painted GRAY, RLM 02.



EXTENDED POSITION



IMPORTANT NOTE: You should use this building option only if you plan to suspend your model off the ground for display, as the gunner's bucket hangs below the landing gear when assembled in the extended position. Rotate the tires so the flattened areas are hidden by the wheel covers.



See painting notes above.

STEP 7, ENGINE ASSEMBLY

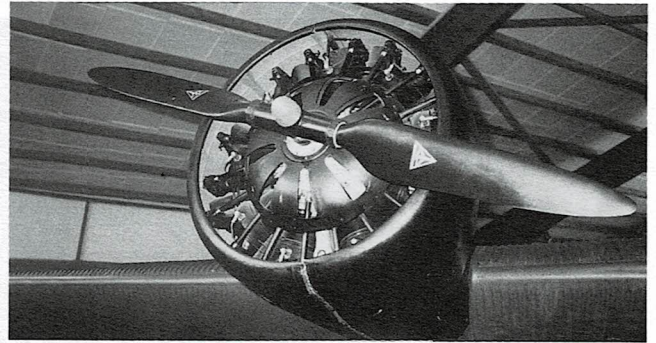


PAINTING NOTES FOR ENGINE ASSEMBLIES

- Covers.....Flat Black
- Push rods.....Flat Black
- Cylinders.....Steel
- Crankcase.....Gray, RLM 02



PAINTING TIP: The exhaust manifolds become very hot during operation. After painting them a steel color, use black and bronze colored washes to simulate a burnt metal color.

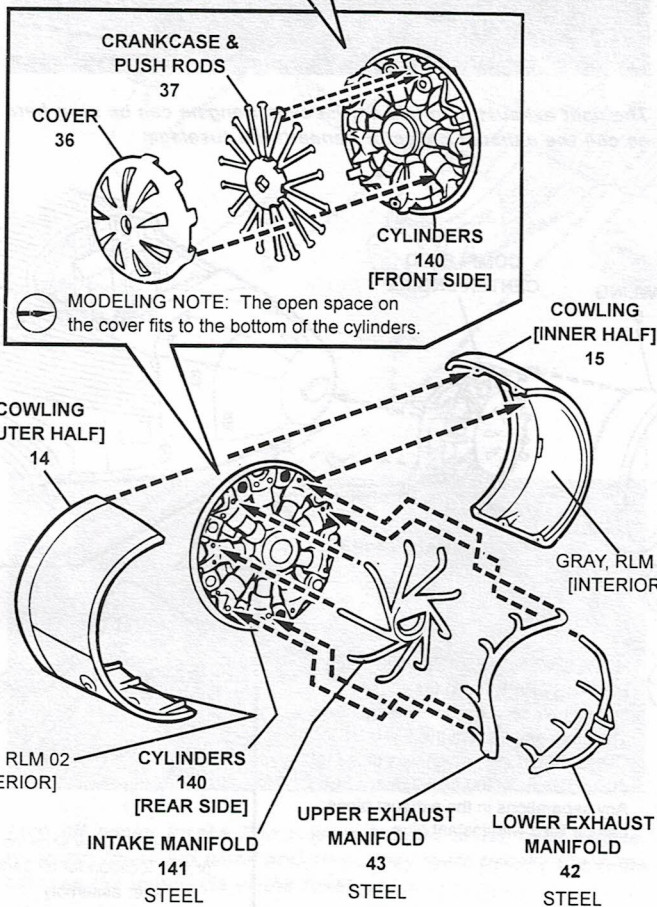
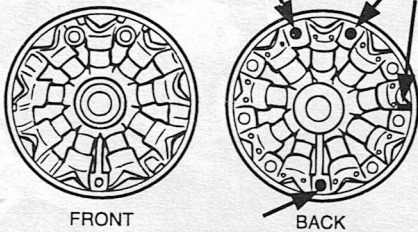


Details of the right engine are illustrated in this photo. The cover and push rods are flat black, while the cylinders are a steel color. The interior of the cowling is painted GRAY, RLM 02.

LEFT ENGINE



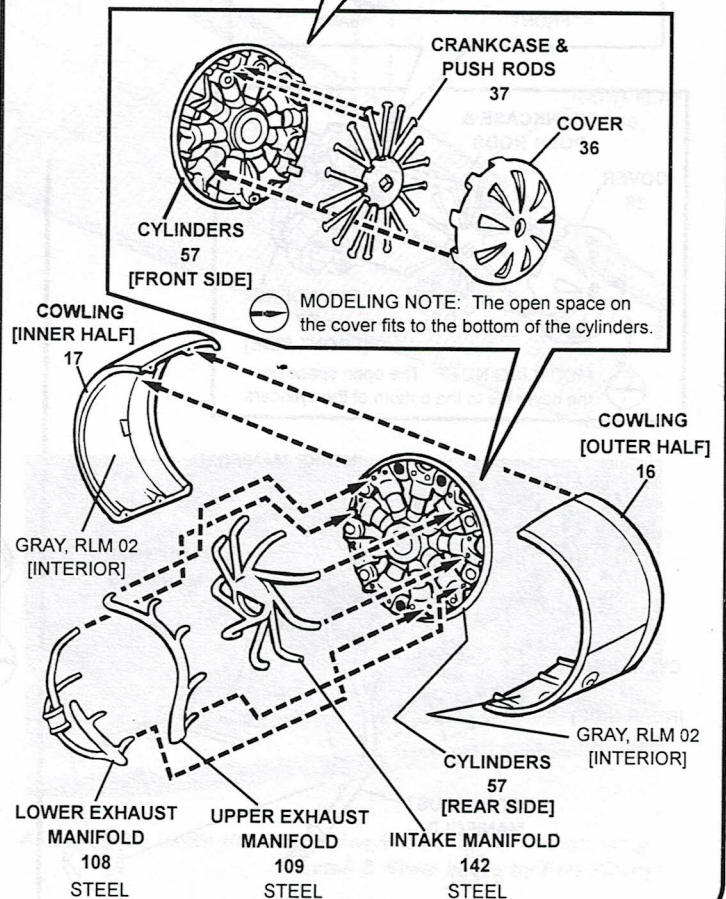
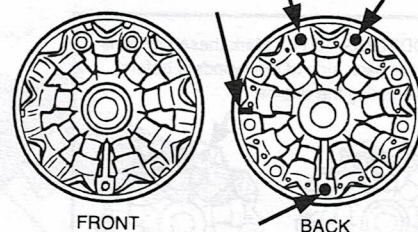
MODELING NOTE: Mark these locations on the back side of the cylinders before assembling the engine.



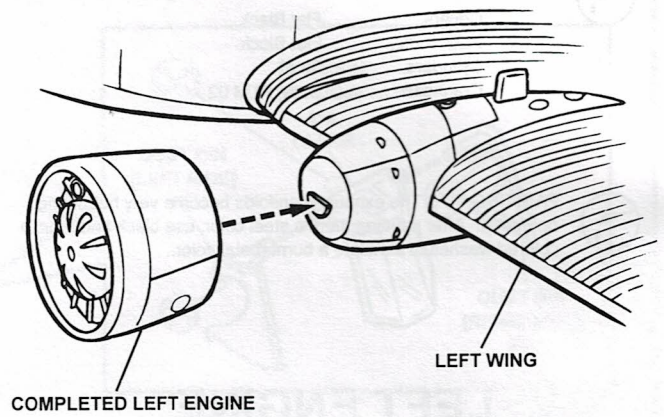
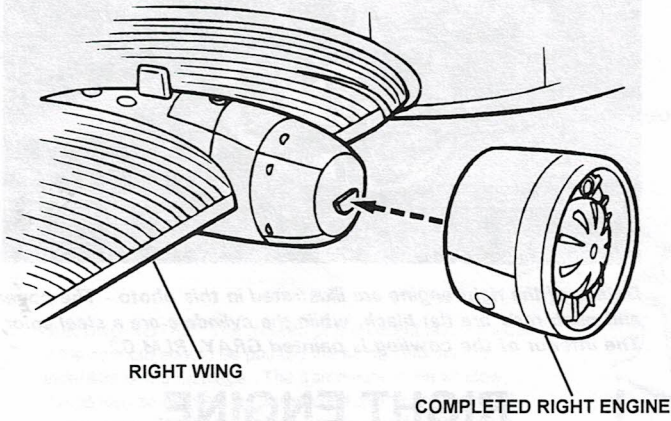
RIGHT ENGINE



MODELING NOTE: Mark these locations on the back side of the cylinders before assembling the engine.

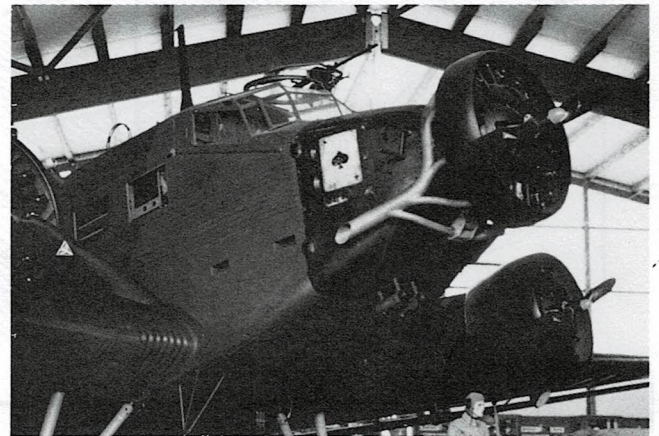
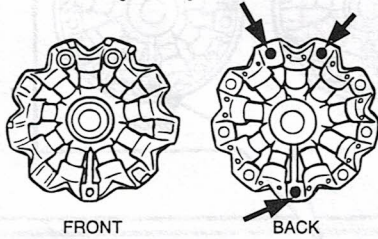


STEP 7, ENGINE ASSEMBLY, CONTINUED

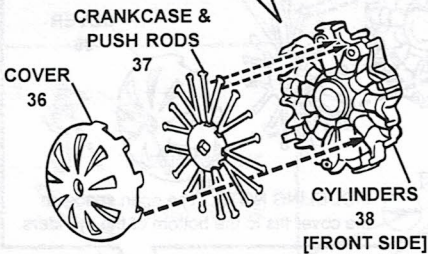


CENTER ENGINE

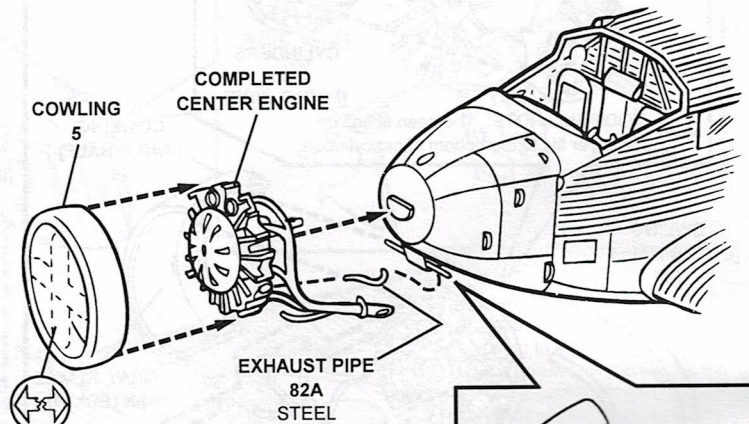
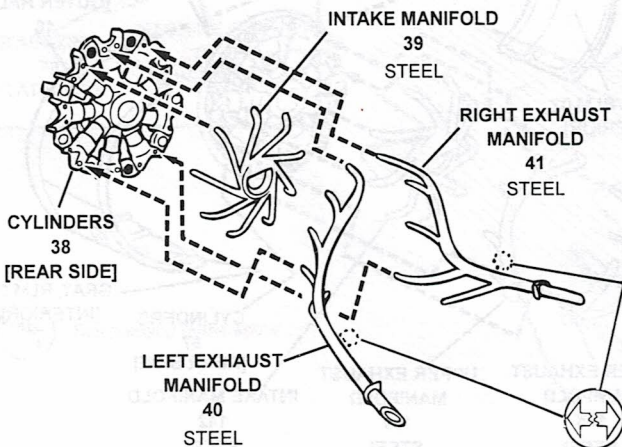
MODELING NOTE: Mark these locations on the back side of the cylinders before assembling the engine



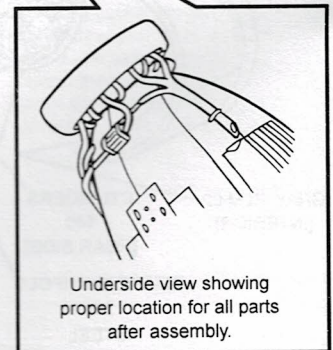
The right exhaust manifold on the center engine can be seen here as can the exhaust collector beneath the fuselage.



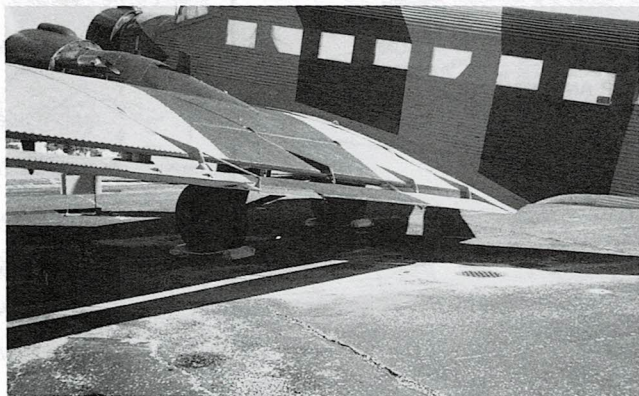
MODELING NOTE: The open space on the cover fits to the bottom of the cylinders.



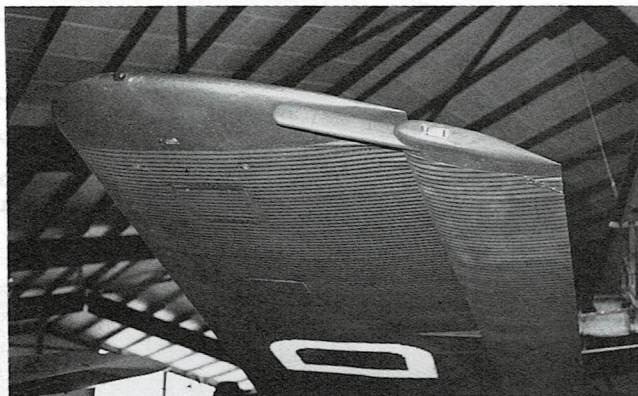
MODELING NOTES: One end of the EXHAUST PIPE (82A) fits into the bottom hole on the rear of the cylinders. The other end fits into the EXHAUST COLLECTOR (82) which was glued to the underside of the fuselage in STEP 2. Any separations in the exhaust pipes can be filled with instant glue.



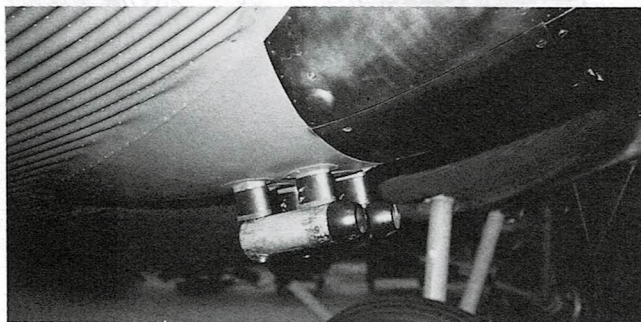
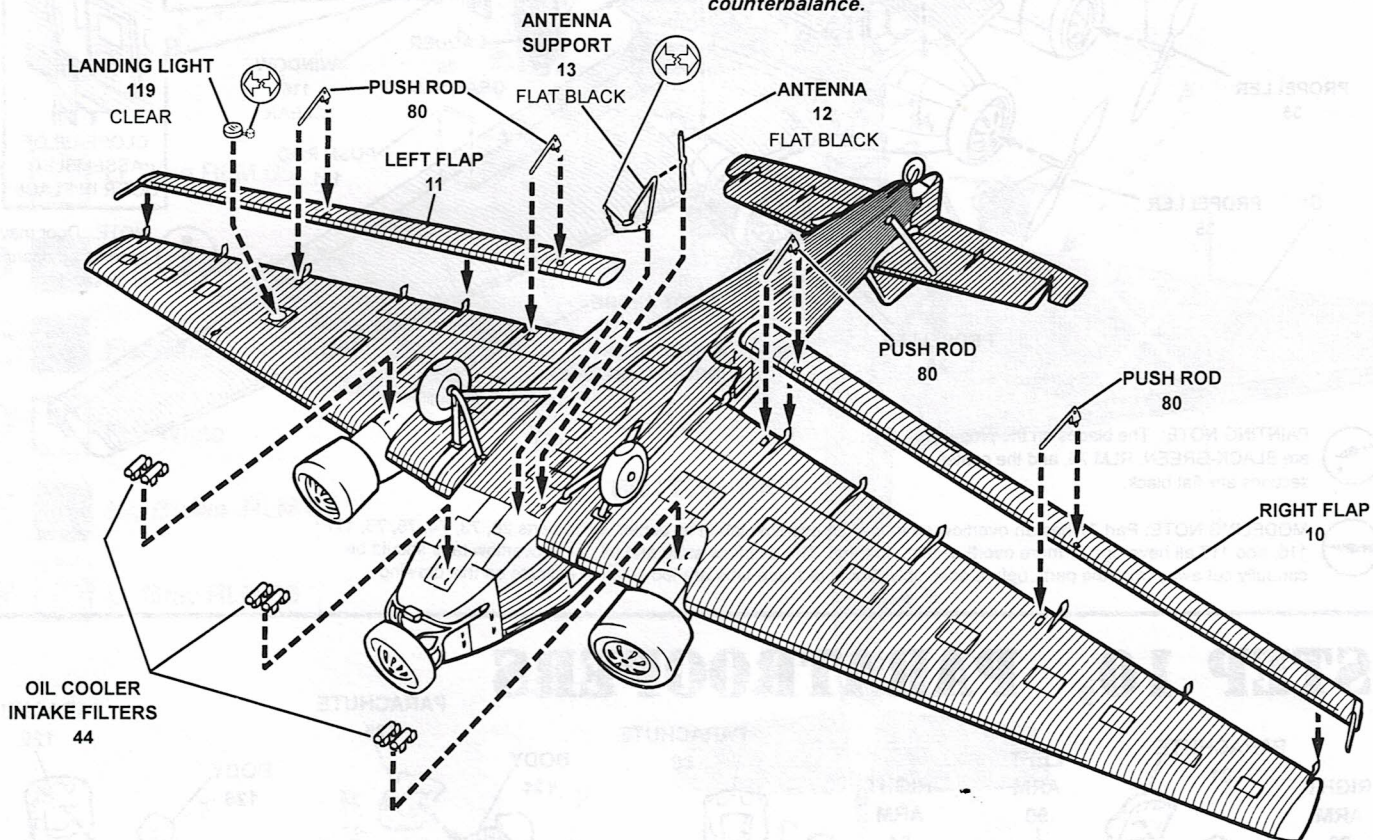
STEP 8, UNDERSIDE DETAILS



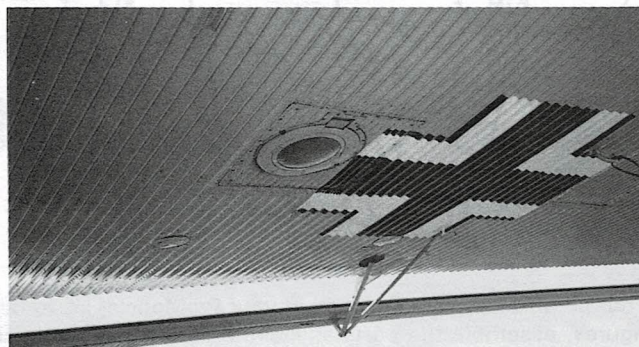
The hinges and one of the push rods on the left flap are visible in this photograph. (Detail & Scale photo by Bert Kinzey)



Note the navigation light on the wing tip. The one on the left wing tip is red, while the one on the right wing tip is dark green. The part sticking forward from the end of the flap is a counterbalance.



Two oil cooler intake filters were located under each engine. Although these are black and steel, they were usually the same color as the underside of the fuselage.

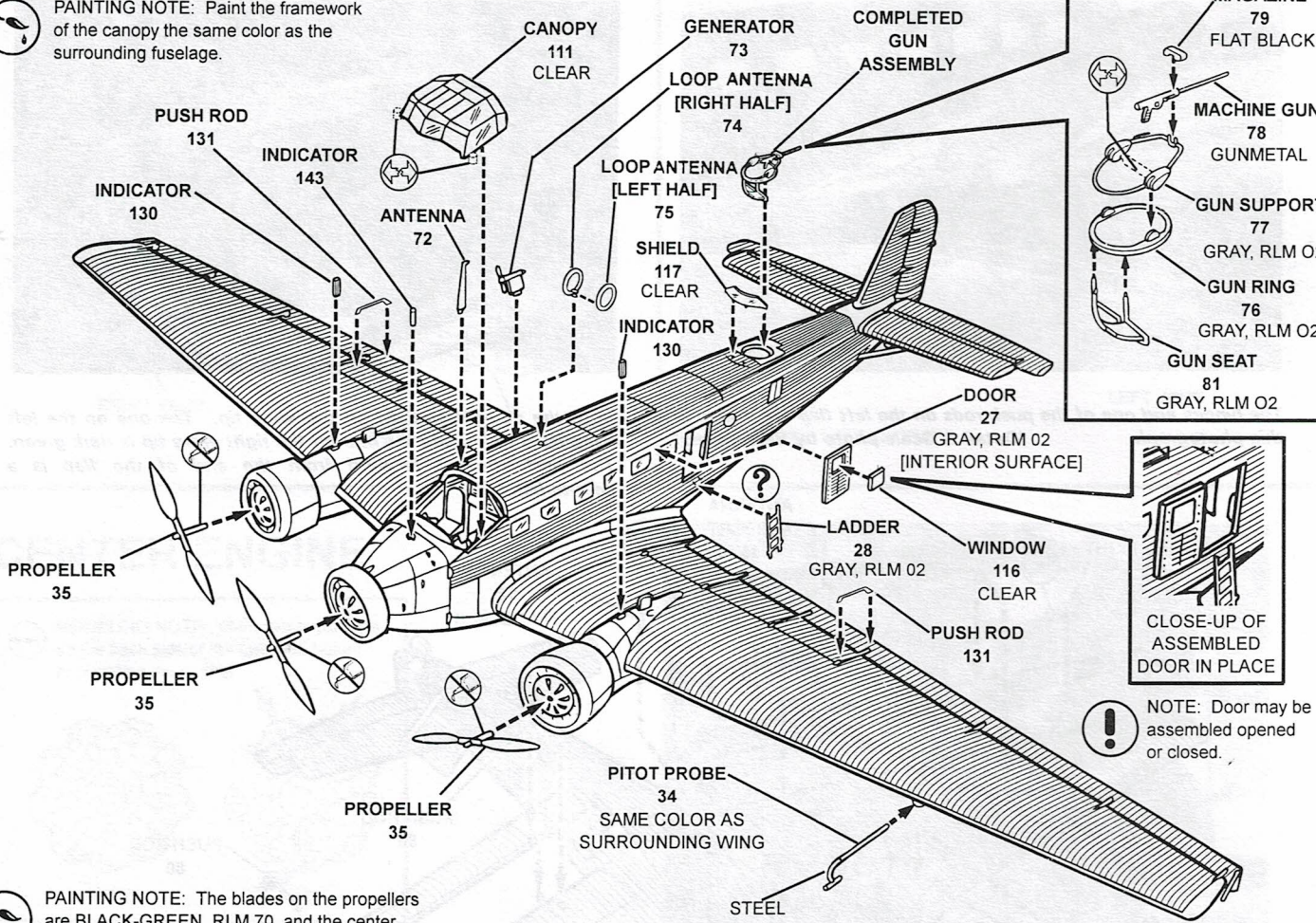


A retractable landing/taxi light was located under the left wing. (Detail & Scale photo by Bert Kinzey)

STEP 9, UPPER SURFACE DETAILS



PAINTING NOTE: Paint the framework of the canopy the same color as the surrounding fuselage.

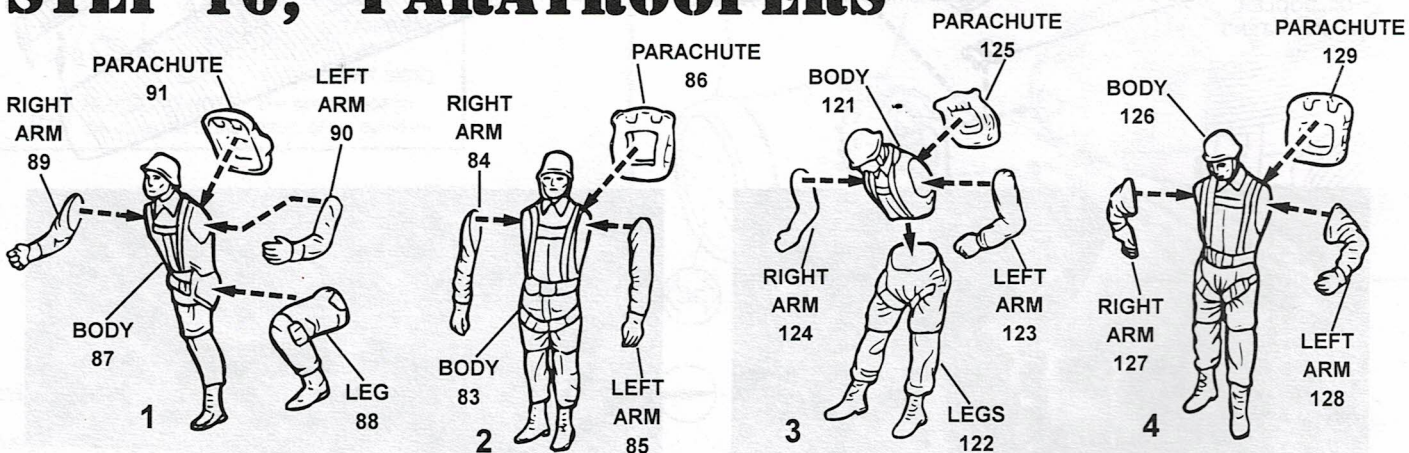


PAINTING NOTE: The blades on the propellers are BLACK-GREEN, RLM 70, and the center sections are flat black.



MODELING NOTE: Part 77 has an overflow strap and an overflow tab in its center, while parts 28, 73, 74, 75, 76, 111, 116, and 117 all have one or more overflow tabs on them. The overflow strap and all of the overflow tabs should be carefully cut away from the parts before assembly. Some of these tabs are too small to indicate on this drawing.

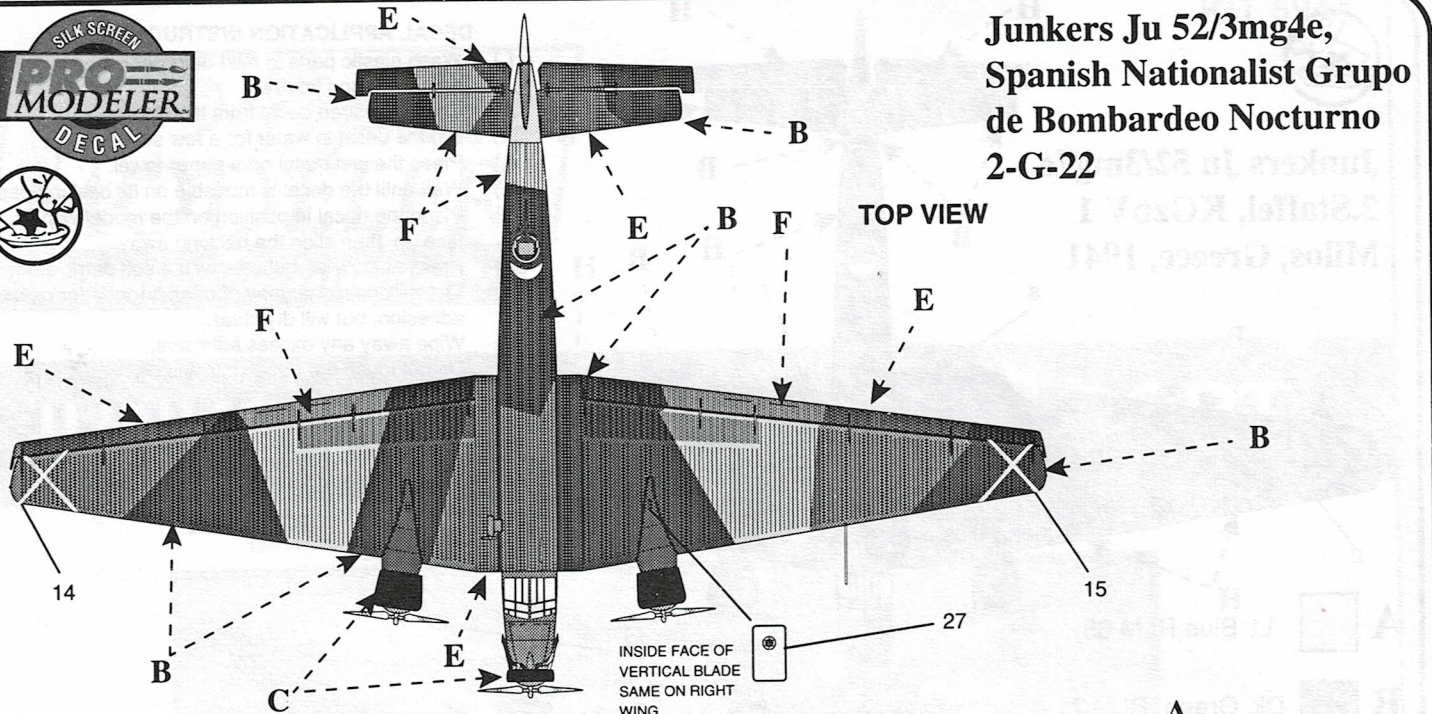
STEP 10, PARATROOPERS



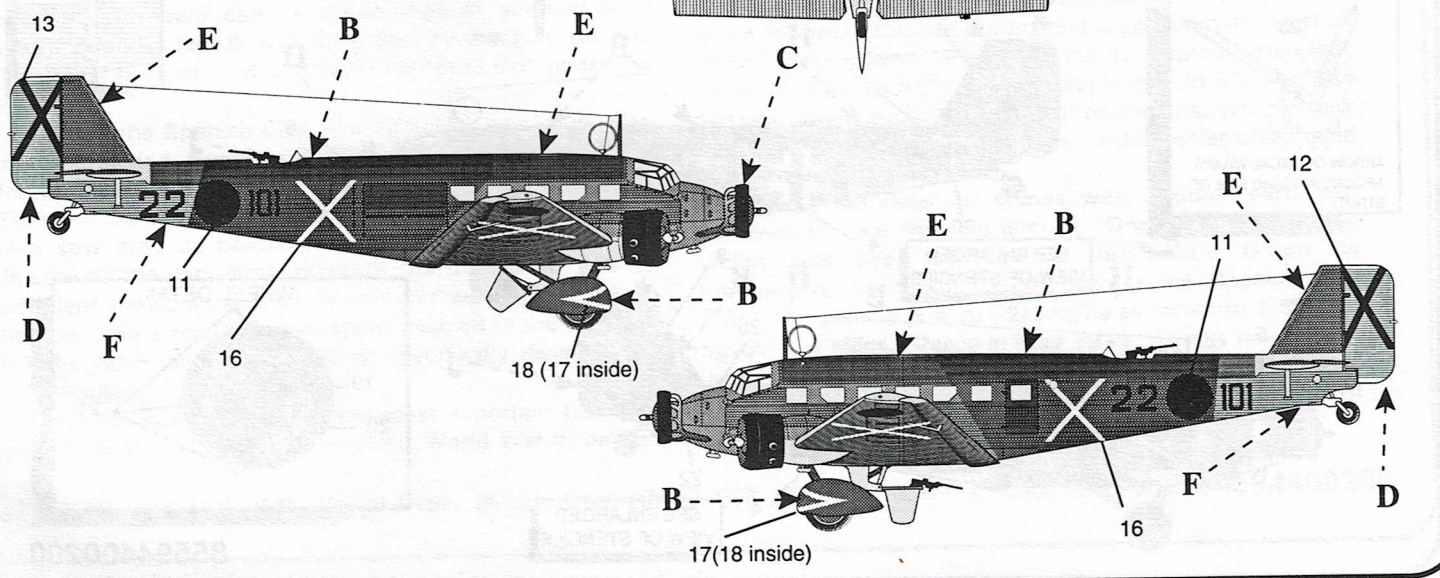
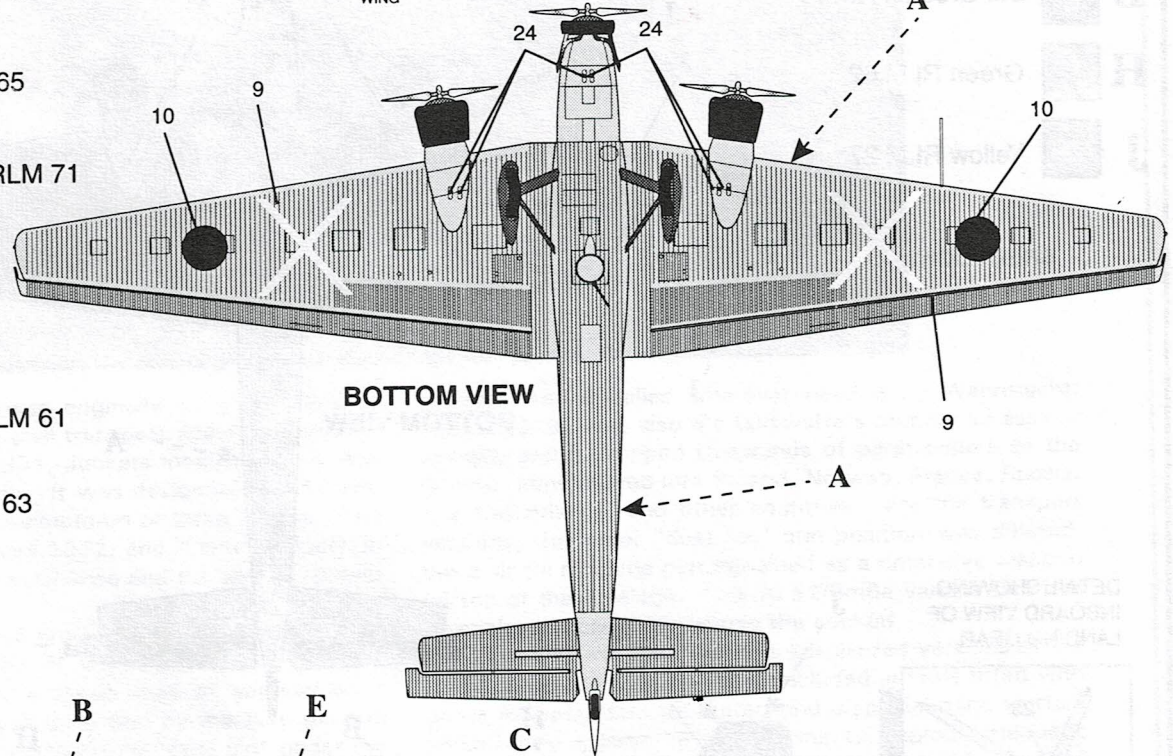
Four paratroopers are included in your ProModeler kit to be displayed with the completed model. If you wish to use these figures, assemble the parts as illustrated in the drawing above. Although the colors of the uniforms varied depending on the theater of operation and the season of the year, the following colors are appropriate. The uniform included a tan pullover with medium gray pants and black boots. The helmets were a steel gray, and the parachute packs were usually neutral or light gray with flat white straps and silver buckles. The faces and hands should be painted a flesh color.



Junkers Ju 52/3mg4e, Spanish Nationalist Grupo de Bombardeo Nocturno 2-G-22



- A** Lt. Blue RLM 65
- B** Dk. Green RLM 71
- C** Flat Black
- D** Flat White
- E** Dk. Brown RLM 61
- F** Lt. Gray RLM 63

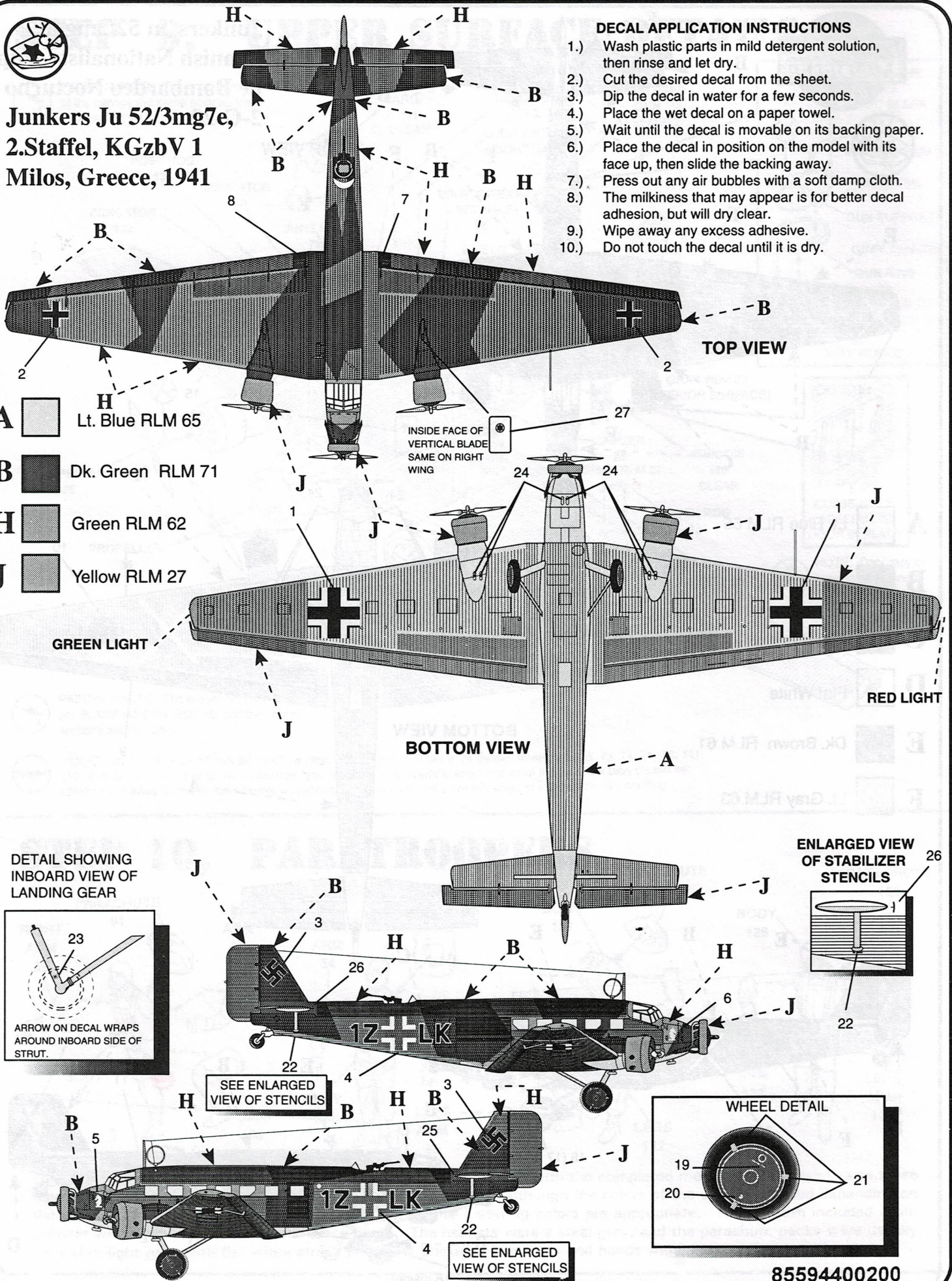




**Junkers Ju 52/3mg7e,
2.Staffel, KGzbV 1
Milos, Greece, 1941**

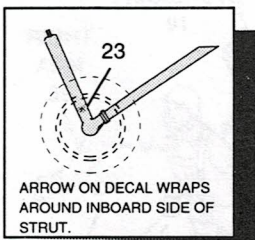
DECAL APPLICATION INSTRUCTIONS

- 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.

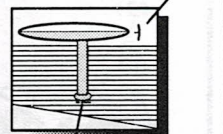


- A** Lt. Blue RLM 65
- B** Dk. Green RLM 71
- H** Green RLM 62
- J** Yellow RLM 27

DETAIL SHOWING
INBOARD VIEW OF
LANDING GEAR



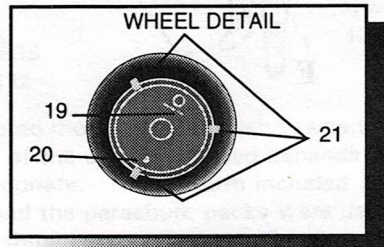
ENLARGED VIEW OF
STABILIZER
STENCILS



SEE ENLARGED
VIEW OF STENCILS

SEE ENLARGED
VIEW OF STENCILS

WHEEL DETAIL

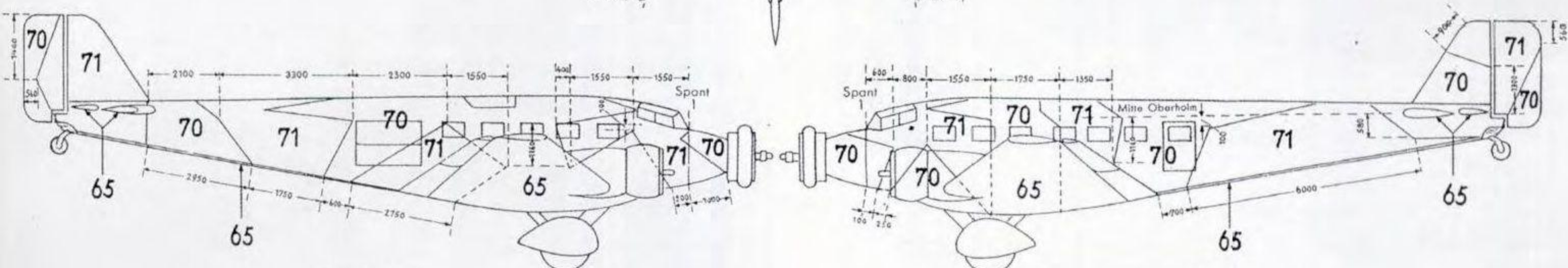
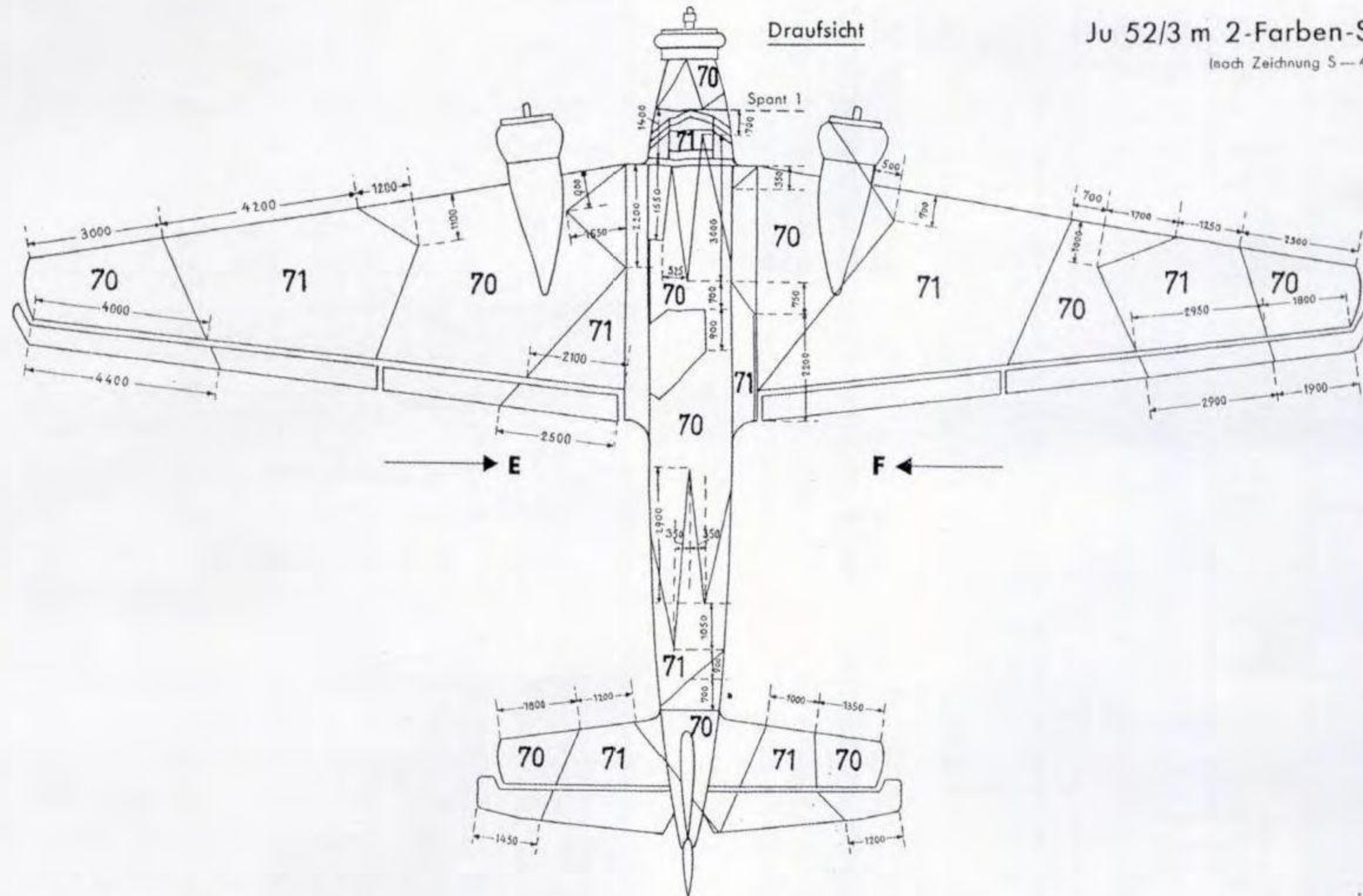




Ju 52/3 m 2-Farben-Sichtschutz- Muster A

(nach Zeichnung S-4112 vom 26. 10. 39)

Draufsicht



Ansicht F

Ansicht E

Farbton 70 = schwarzgrün
 Farbton 71 = dunkelgrün
 Farbton 65 = hellblau (für die gesamte Flugzeugunterseite)