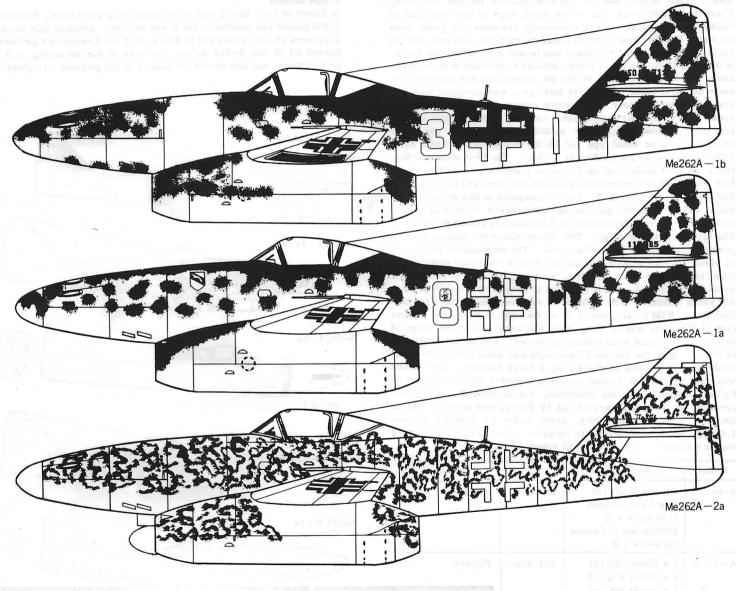
MESSERSCHMITT ME 262A JET FIGHTER 1:32 SCALE







Characteristics

Engine : Junkers Jumo 004B-1 or 004B-2,

004B-3, Thrust 900kg. /2 unit

Overall Width: 12.5m Overall Length: 10.6m Overall Weight: 6,925kg.

Max. Speed : 870km/h Ceiling : Up to 9,000m ... 13.2 min.

Ceiling Range : 11,450m Flight Range : 1,050km

Armament : Rheinmetall MK. 108,

30mm Gun x 4

Crew : 1 [Data for Jet Fighter Me262A-1a]

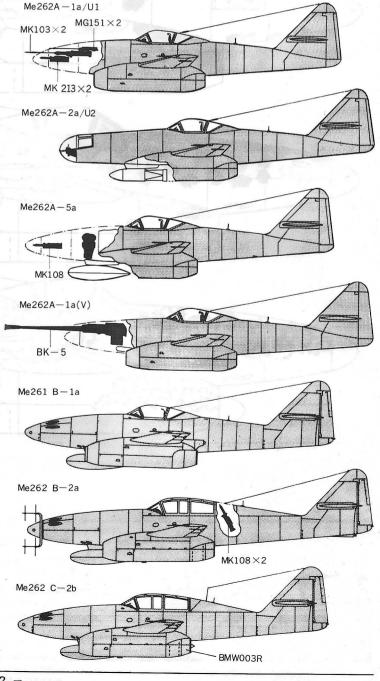
MESSERSCHMITT ME 262A

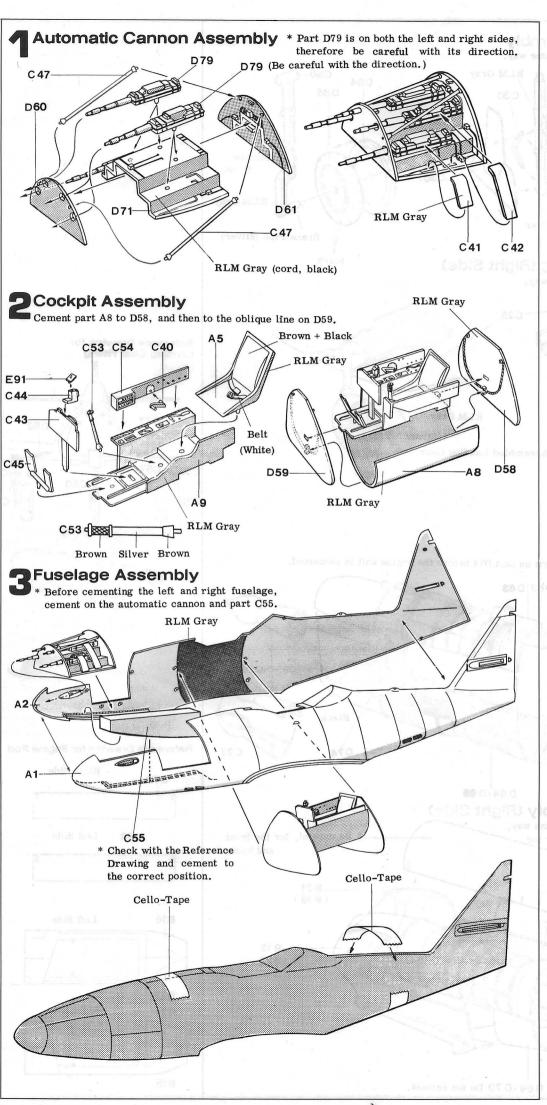
The design for the Me262 was the production No. 1065 of Messerschmitt Company, which took place a year before the outbreak of World War II. In autumn of 1938 Heinkel began its original development on turbo-jet and the German Ministry of Air Force solicitated the Messerschmitt Company to design the plane to be outfitted with the axial flow type turbo-jet that was co-developed by Junkers and BMW. The mock-up was completed during the latter six months of 1939 and in the spring of 1940 the original models of 3 planes was ordered. The plane was completed in April of 1941, but there was no engine to be outfitted, therefore for the No. 1 plane was flown by reciprocating engine and thus the plane was developed for future purpose. The main wing of this plane was sweep-back at about 100, with 2 cross beams and the interior utilized for the fuel tank. There is an automatic slat on the front edge of the wing that is opened at low speed, and it effectively prevents the plane from stalling. The horizontal tail is separate from the elevator and the angle on the horizontal stabilizer can be adjusted during the flight. In July 18, 1942, the No. 3 plane, Me262V3, outfitted with Junkers-Jumo 109-004 engine and by the jet proplusion she successfully made her first flight. The first test plane was equipped with tail wheel type landing gear, and for that reason during the take-off its speed must be accelerated to 150km and then braked so that the tail end lifts. Since then, from Me262V5, the landing gear was improved to front wheel type and Me262V6 was outfitted with Jumo 109-004B turbo-jet for its first test flight. The first mass-production type Me262A-1a, called Schwalbe (swallow), is outfitted with four 30mm MK108 automatic cannon on the nose and the engine is Jumo 004B-1, B-2, or B-3. The compression in this engine is in 8 stage and by this the air can be compressed eight fold of the atomosphere, which injects fuel in 6 combustion rooms at the back. The turbine is in one stage. The 30mm automatic cannon is very powerful and utilized by the Germans. The ammunition is charged by electrovacuum system and the shooting is electrical system; the upper two cannon holds 100 shels each and the bottom two cannon holds 80 shells each, and is adjusted to project to a single point at 500 yards distance. The Me262A-1b was designed to carry twentyfour 50mm R4M rocket bombs under its wing of A-1a, the former type of the plane and in 1945, when Germany was in the verge of defeat, forty planes were already produced. The rocket projection is corrected by the standard Revi sight and when fired from 800m distance it is capable of destroying a large bomber. This model was used by the 7th fighter squadron (Nowotny Corps) and the 44th fighter company. On the otherhand, the Me262A-2a, which was produced by the order carried out by Hitler, was called Schwalbe (pertel), carrying two 500kg. bomb under its fuselage or one $1,000 \mathrm{kg}$. bomb, and by this the fighters, powered by reciprocating engine was unable to reach its full speed.

Model	Armament	Fuel	Service
A-1a	4 x 30mm MK108 Top Auto. Cannon (100 shels x 2) Bottom Auto. Cannon (80 shels x 2)	564.9lbs.	Fighter
A-1a/U1	2 x 20mm MG 151 2 x 30mm MK 213 2 x 30mm MK 103	564.9lbs.	Fighter
A-1a/U2	2 x 30mm MK 108	564.9lbs.	Fighter
A-1a/U3	2 x RB50/30 Camera	564.9lbs.	Aerial Photo Reconnoter
A-1b	4 x 30mm MK 108 R4M 50mm Rocket Bomb	564.9lbs.	Fighter
A-2a	4 x 30mm MK 108 1 x 500kg. Bomb 2 x 250kg. Bomb	564.9lbs.	Ground Attacker
A-2a/U1	2 x 30mm MK 108	564.9lbs.	Ground Attacker
A-2a/U2	1 x 500kg. Bomb or 2 x 250kg. Bomb	564.9lbs.	Aerial Photo Reconnoter

The first company for the bomber model was the detached unit of KG51, about the same time when Command Schenk and Command Nowotny was formed. In September of 1944, Command Nowotny was formed with sixty Me262A-1a and commenced action in October. Nowotny himself was killed in action in November 8, 1944, but the unit carried on it action as JG7 (Nowotny unit). At the end of 1944 Command Nowotny was formed and was part of the unit deployed with the Arado Ar234-2 jet bomber for combined operation. The Me262B series was in two types.... trainer model and night fighter model. Me262B-1a/U1 was the night fighter, converted from the trainer model and its nose was outfitted with FuG218 radar. Moreover, the C series, advance powered model, was developed with rocket booster.

In March of 1945 Me262 was given priority in production, but only 1,433 planes was produced, for it was too late. Actually only about 150 planes showed action and in May 4, 1945 the Commander Gelland burned all of the Me262 before the eyes of the advancing U.S. ground force, and this closed the history of the glorious jet fighter.

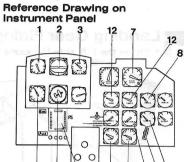




Before Assembling

- * Carefully read the instruction, before assembling your model and follow the instruction.
- * This kit can be made to any of the 3 models A-1a, A-1b, A-2a; therefore decide what model you want to construct.
- * Carefully cut off the parts from the stem with a knife or nipper.
- * Unless instructed, use semi-gloss or mat finish paint for plastic.

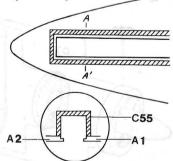
Note: Tear and dispose the bag after the parts are removed. This will prevent the child from using it to over its head.



- 1. Speedometer
- 2. Flight Indicator
- 3. Rate of Climb Indicator
- 4. Altimeter
- 5. Radio Compass
- 6. Explosive Counter Switch
- 7. Tachometer
- 8. Exhaust Gas Temperature Gauge
- 9. Pressure Gauge
- 10. Fuel Gauge
- 11. Heater Change-Over Switch
- 12. Fuel Gauge

Reference Drawing for Fitting

* Cement C55 to the place indicated by the oblique line.

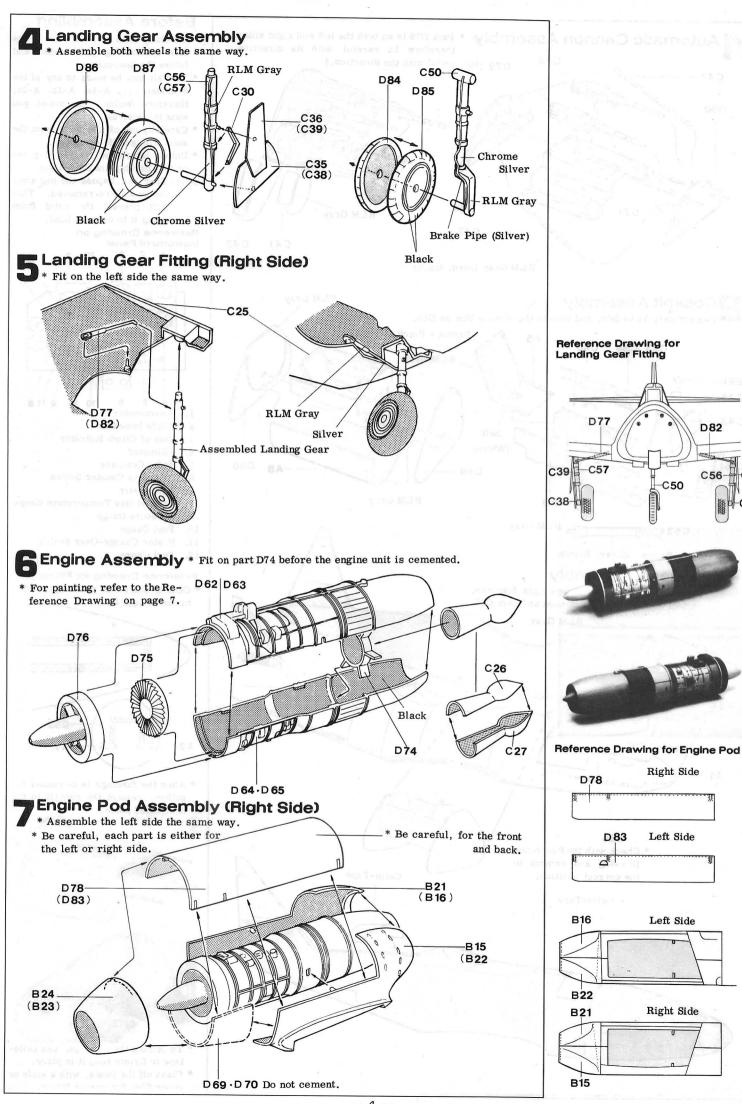


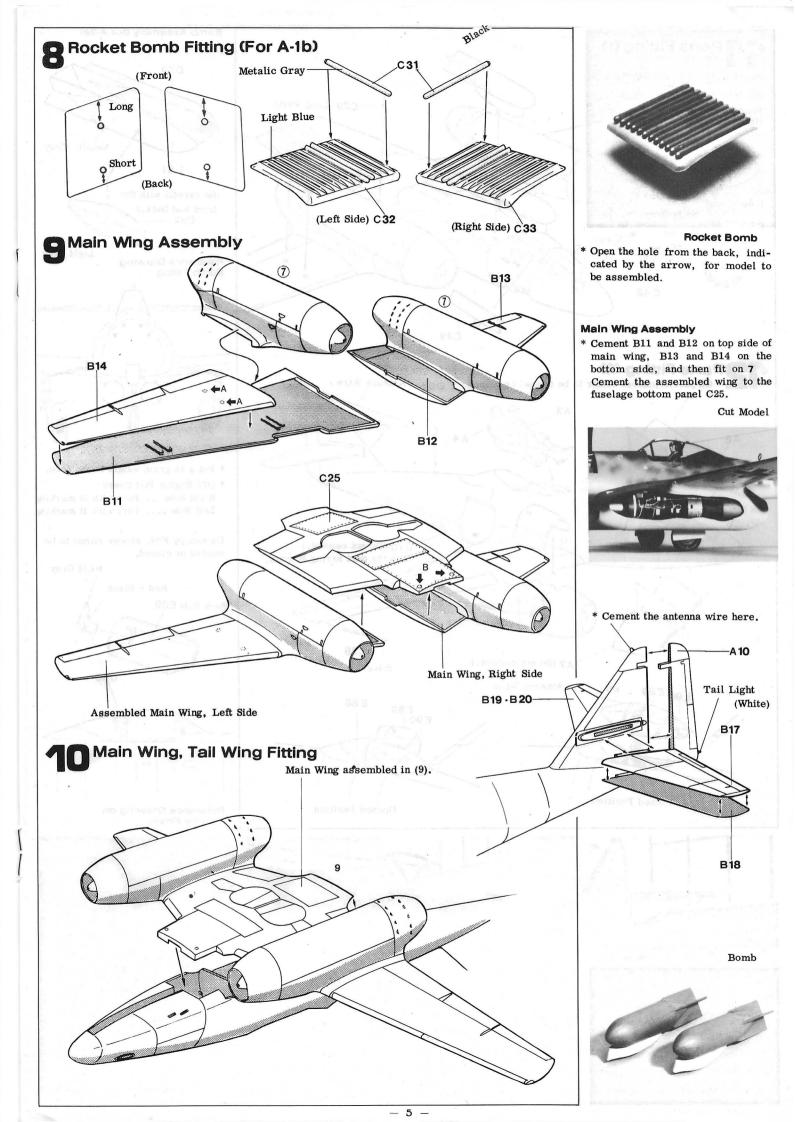
* After the fuselage is cemented together, cement the cockpit to the designated place.

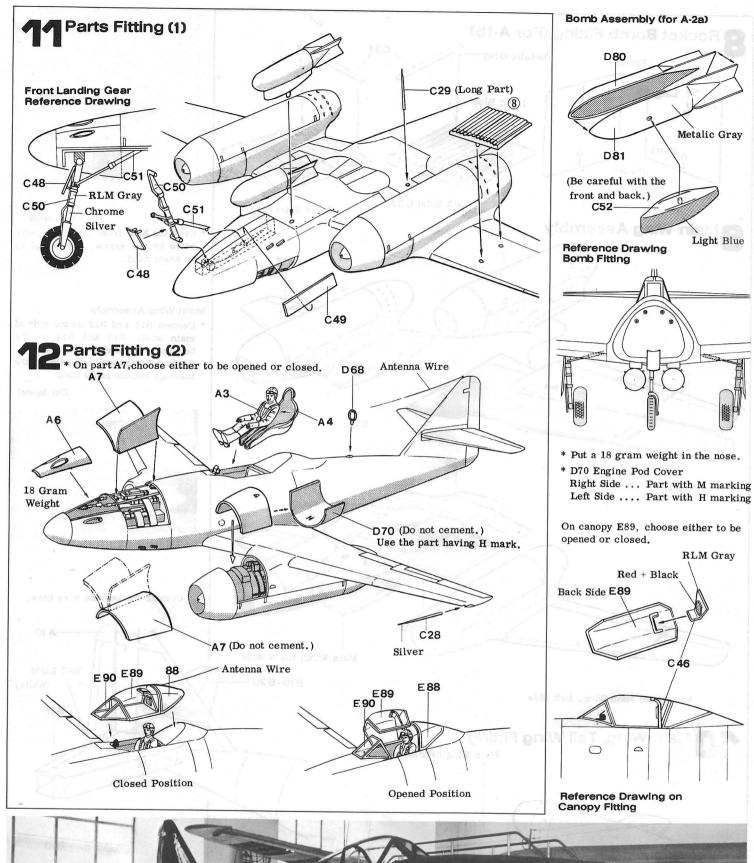


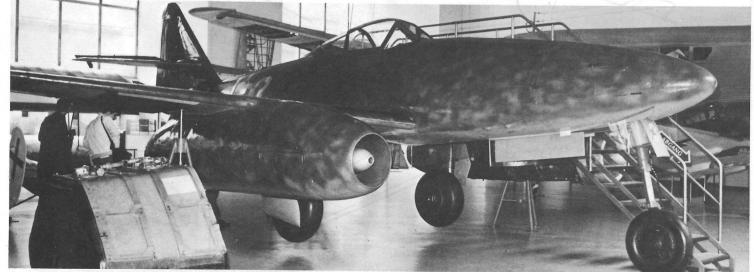


- * To cement the fuselage, use cellotape to firmly keep it in place.
- * Clean off the joints, with a knife or paper file, for proper fitting.









Decals

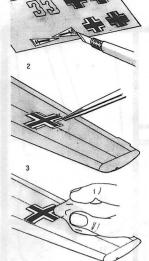
(1) Cut out the decal, to be used, from the card board and trim off the transparent side (not printed). (Refer to Drawing 1).

(2) Dip the decal into a lukewarm water until the cardboard curls and then remove. Wait until the cardboard returns to its original flatness; then it is ready to be transferred.

(3) Lightly press the edge of the decal with the finger and when it slides smoothly bring it to the surface of the model. (Refer to Drawing 2.)

(4) Slightly move the decal until it protrudes about 2 - 3mm off the edge of the cardboard. Then place the decal on the prescribed place and lightly press it and remove the cardboard by sliding it off.

(5) Press the decal with a soft cloth that absorbs water and remove the moisture around the decal. Make sure the decal



is positioned correctly and press it firmly to remove the moisture underneath and so that it adhere on the model. The place where the decal is to be transferred must be cleaned of any dust of oiliness.

Painting

The basic painting for Me262 are as follows. The single seater day model is shaded in green. The top side on the main wing and horizontal tail is painted black green and dark green splinter type camouflage, fuselage and the back of engine nacelle in dark green, side of fuselage (including the vertical tail) in light blue with RLM gray or dark green ink spot pattern or mirror wave camouflage. The bottom side is painted light blue with the border line to the side of fuselage blurred out. But during the closing stage of World War II the camouflage became confused and disorderly, for each unit painted their planes to the taste of its pilot and service crew with variation of camouflage painted on the ink spot pattern. The nationality mark on the fuselage and on the top of the main wing is outlined in white, indicating the cross (without the black Iron Cross), the bottom side of the main wing was indicated with the standard iron cross and the vertical stabilizer was marked with either standard, white removed, gray or black (without the white edge) Haken Krouz. There was two types of standard nationality mark for the top side of the main wing, one parallel to the axis is because of the sweep-back wing and the other parallel to the front edge of the wing. The two seater trainer is basically the same as the single seater day model. On the two seater night fighter, the fuselage was painted light gray on the top side and dark gray ink spot pattern camouflage on the side, and the top side of the wing gray splinter type camouflage and its bottom side light blue or light gray. The nationality mark on the fuselage and top side of the main wing was in black outline, the bottom side of the wing with standard Iron Cross and Haken Krouz without the white edge.

Colors Used

Black Green : (Black + Green) Schwarz-Grun

Drak Green : (Green + Brown + Black + Yellow) Dunkel-Grün

: (White + Dark Blue + Yellow + Slight Black) Hell-Grau Light Blue

: (Yellow + Green + White + Slight Black) RLM Grau **RLM** Gray In England Greenish Gray is called Light Olive Green.

Sandy Brown: (Yellow + White + Brown + Slight Black) Gelb 79

: (White + Black + Yellow +Blue) The brightness is Light Gray

almost the same as Light Blue ... Grau 76.

: (White + Black + Yellow) Grau 74 Dark Grav

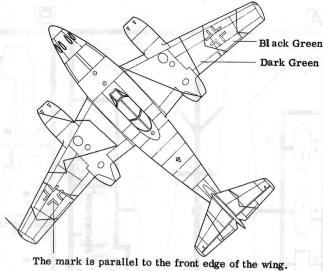
Metallic Gray: (Silver + White + Black + Clear) Used on metal parts.

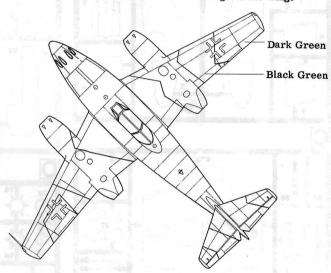
Other than listed above, it will be convenient to have on hand the primary colors (red, yellow, blue, green), white, black, silver, copper and chrome silver colors. Use semi-gloss or mat finish paints.

Ink Spot Pattern & Mirror Wave

Ink spot pattern is done by using the scrumble brush with liberal amount of paint on the brush, and lightly hitting the surface (vertically towards the surface). The knack is to first start on a separate newspaper and lightly hit the tip and let the paint on the brush tip to harden. As another method, first paint a coat of lacquer on the surface for the base and then a coat of enamel thinner. Before the thinner dries, spot the surface with enamel paint. For mirror wave, it is painted the same method as the ink spot pattern, but it is best to use a moderate amount of paint.

Splinter Pattern Camouflage

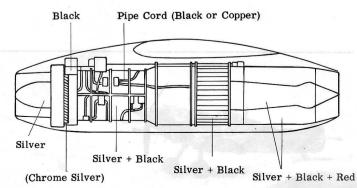




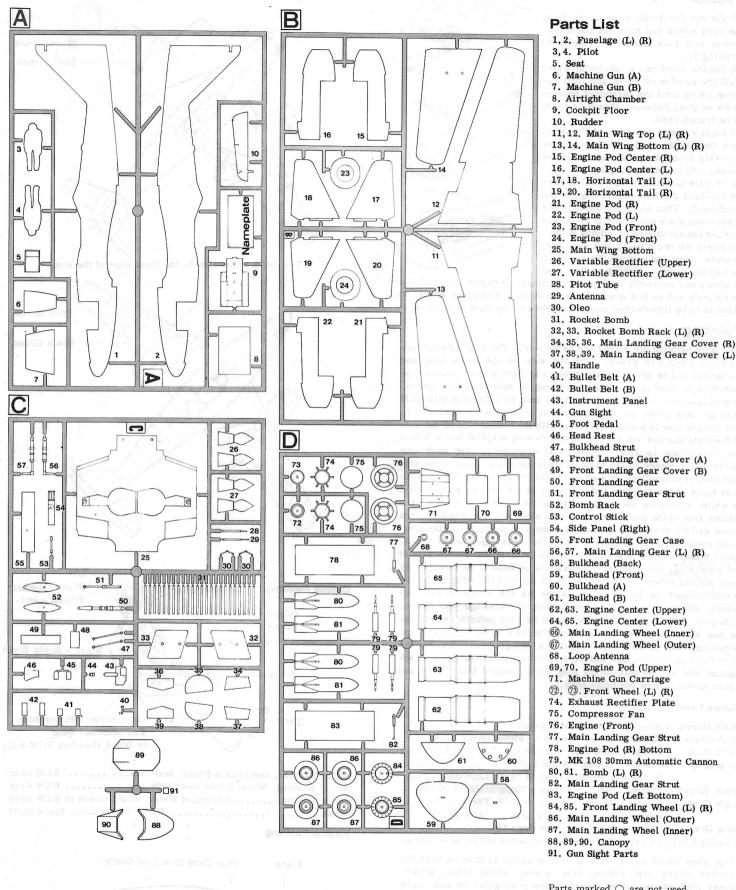


Wheel Housing, Wheel Cover Inner Side RLM Gray Landing GearUnpainted Silver, Black Green or RLM Gray

Engine Painting



* Change the color scheme of Silver according to the parts.



Parts marked O are not used





8

• 1/32 SCALE SERIES

No.1 FOCKE WULF FW-190

No.2 BOEING P-12

No.3 CURTISS BF2C-1

No.4 BOEING F4B-4

No.5 ZERO FIGHTER TYPE 52

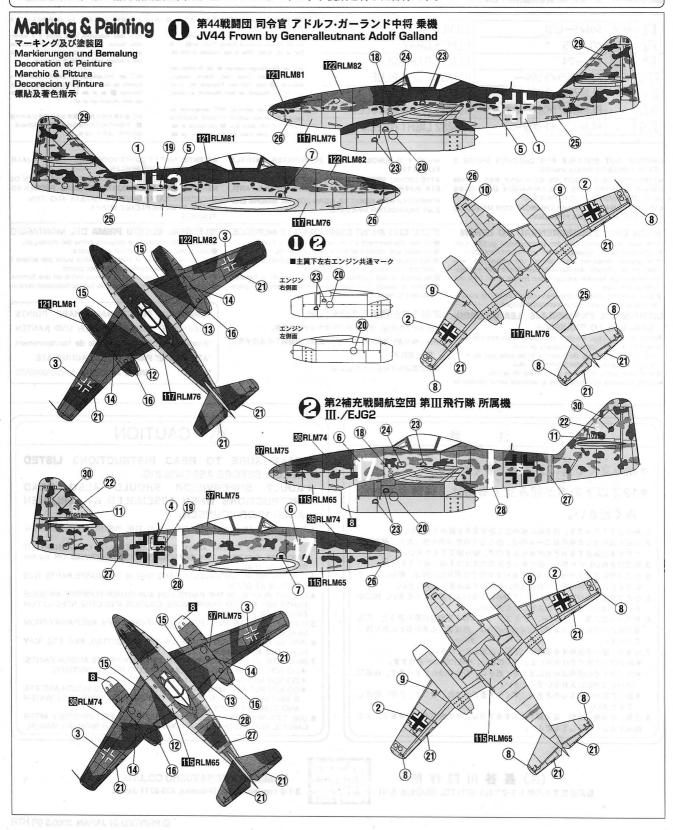
No.6 MESSERSCHMITT Bf109E No.7 MESSERSCHMITT Me262A

Messerschmitt Me262A "JV44 GALLAND"

08128 1:32 メッサーシュミット Me262A "JV44 ガーランド"



大戦末期の1944年、メッサーシュミットMe262A-1aの部隊として設立されたJV44は指揮官にアドルフ・ガーランド中将を迎え、他に騎士鉄十字章の受賞パイロット(通常では司令官クラス)をそろえたドイツ最後の精鋭部隊でした。Me262を15機とパイロット30名の小部隊でしたが、1ヶ月足らずでアメリカ軍爆撃機を50機ほど撃墜するという戦果を挙げています。指揮官のガーランド中将も自ら作戦に参加し敵機撃墜を果たしていますが、戦闘中に被弾し不時着しましたが、けがを負いパイロットとしての任務を終えて終戦に至りました。第2補充戦闘航空団は、主にMe262のパイロット養成を行った部隊です。



For Japanese use only.

■部品請求をなさる方は、あなたの氏名、住所、郵便番号、 電話番号を1字づつはっきり書いて、右のカードと共にお 申し込みください。

- ●「部品請求カード」1枚につき1キット分のパーツの請求を受けることができます。
- ●右記の価格は予告なく変更する場合もありますのでご了承ください。

《郵便振替のご利用方法》

郵便局の払い込み用紙の通信欄に、部品請求カードを参考に、 ART No. スケール、製品名、部品名、数量を必ずご記入ください。 払込人住所氏名欄には電話番号もお書きの上、口座番号 00870-5-42287、加入者名(株)長谷川製作所でお申し込みください。

- 部品請求カード

00

(08123 1:32 メッサーシュミット Me262A "JV44 ガーランド")

部品を紛失したり、破損なさった方は、このカードの必要部品を○でか こみ代金を現金書留または郵便小為替で当社サービス係までお申込く ださい。 (1,000円以下の部品請求には、切手で代用もできます。)

デカール …………… 900円

塗料指定の H① はグンゼ産業・水性ホビーカラー、■はMr. カラーの番号です。このキットには接着剤は入っていま

0005

ART No. 08123

8	H 8	シルバー(銀)	SILVER
37	H69	グレー75	RLM75 GRAY
36	H68	グレー74	RLM74 DARK GEAY
115		RLM65ライトブルー	RLM65 LIGHT BLUE
117		RLM76ライトブルー	RLM76 LIGHT BLUE
121		RLM81ブラウンバイオレット	RLM81 BROWN VIOLET
122		RLM82ライトグリーン	RLM82 LIGHT GREEN

せんので別にお求めください。 H1 in painting indication is the number of Gunze Sangvo Aqueous Hobby Color while that of Mr. Color. Glue is not included in this kit.

H1 bei Bemalungshinweisen ist die Nummer der Aqueous - Hobby - Color von Gunze Sangyo, während III den Ton der Farbserie Mr. Color anzeigt. Im Bausatz ist kein Klebstoff enthalten

Sur le quide de peinture. HITI correspond au numéro de couleur GUNZE SANGYO AQUEOUS HOBBY COLOR, alors que III correspond à Mr COLOR, La colle n'est pas fournie dans ce kit

HITI nella indicazione della pittura é il numero della Gunze Sangyo del colore ad acqua per Hobby, mentre ■ e quello di Mr. Color. La colla non é inclusa nella scatola di montaggio

HII en indicaciones de pintado. Este es el numero de Gunze Sangyo Aqueous Hobby Color, mientras III es el de Mr. Color. El pegamento no esta incluido en el kit

H11這個著色指示是代表郡是出品水性模型漆油的編號, 而圖則代表郡是出品的樹脂系模型漆油的編號, 這份套件並沒有包活膠水。

CAUTION: NOT SUITABLE FOR CHILDREN UNDER 3 YEARS. CONTAINS SMALL PARTS.

ATTENTION: CE PRODUIT NE CONVIENT PAS A ENFANT DE MOINS DE 36 MOIS, EN RAISON DES PIECES DE PETITE DIMENSION CONTENUES.

ATENCÃO: IMPRÓPRIO PARA CRIANÇAS COM MENOS DE 3 ANOS, CONTÉM PECAS PEQUENAS.

NICHT FÜR KINDER UNTER 36 MONATEN ENTHÄLT KLEINE TEILE ATTENZIONE: PRODOTTO NON ADATTO AI BAMBINI DI

ETA' INFERIORE AL 36 MESI. CONTIENE PICCOLE PARTI. FORSIGTIG! IKKE EGNET TIL BØRN SOM ER MINDRE END 3 ÅR. INDEHOLDER SMÅ DELE.

ATTENTIE: NIET GESCHIKT VOOR KINDEREN TOT 4 JAAR. BEBAT KLEINE ONDERDELEN.

ATENCION: NO ES CONVENIENTE PARA NIN OS MENORES DE 3 AN OS. CONTIENE PIEZAS PEQUEN AS. ΠΡΟΣΟΧΗ : ΚΑΤΑΛΛΗΛΟ ΓΙΑ ΠΑΙΔΙΑ ΑΝΩ ΤΩΝ ΤΡΙΩΝ ΕΤΩΝ ΠΕΡΙΕΧΕΙ ΜΙΚΡΑ TEMAXIA

WVOR DEM ZUSAMMENBAU ZU LESEN

- Bitte lesen Sie die Anleitung vor dem Zusammenbauen sorgfältig durch.
 Verwenden Sie nur Kunststoffklebstoff und Kunststofflackfarben.
- Die geleerten Plastiktüten sollten zerrissen und weggeworfen werden, um zu verhindem, daß Kleinkinder beim Spielen darin ersticken.
- Handhaben Sie Klebstoff und Lackfarben niemals in der N\u00e4he von. offenen Flammen.
- Mit klebemittel sparsam umgehen und während des zusammenbaus für ausreichende ventilation sorgen.

MANTES DEL ENSAMBLAJE, LEA CUIDADO-**SAMENTE LO SIGUIENTE**

- Antes del ensamblaie, estudie cuidadodamente las instrucciones.
- Emplee solamente cemento plástico y pinturas.
- Rompa y tire las bolsas de plástico a fin de evitar que los niños pequeños puedan sofocarse jugando con ellas.
- No emplee nunca cemento ni pinture cerca de llamas. ●Usare l'adesivo moderatamente e ventilare bene l'ambiente
- ILLIRE CECI AVANT D'EFFECTUER LE MONTAGE
- Etudier attentivement les instructions avant le montage. N'utiliser que del'adhésif plastique et du vernis.
- Déchirer et jeter les sacs en plastiques vides pour éviter tout
- danger d'étouffement pour les enfants. Ne jamais utiliser d'adhésif ou du vermis près d'une flamme.
- Outiliser le ciment avec modération et bien ventiler la pièce pendant le montage.

■組件之前務請先看淸此說明。

- ●請先看淸說明圖,把握全體的順序之後才進入組件。
- ●强力膠和塗料請使用塑膠專用的。商品的空袋爲了不讓孩子帶在 頭上、請撕掉。
- ●强力膠塗料不可在火的附近使用。

ELEGGERE QUESTO PRIMA DEL MONTAGGIO

- Studiare attentamente le istruzioni prima del montaggio.
- OUsare solo adesivo e vernici per plastica.
- OStrappare e gettare le buste di plastica vuote per evitare il pericolo di soffocamento per bambini piccoli.
- Non usare mai l'adesivo o la vernice vicino ad una fiamma. Utilice suficiente adhesivo y ventile bien la habitacion durante

"WARNING" FUNCTIONAL SHARP POINTS "WARNUNG" SCHARFE ECKEN UND KANTEN

"Avertissement" Points essentiels de fonctionnement

"ATTENZIONE" PARTI MOLTO ACUMINATE

"AVISO" PUNTOS AGUDOS EN FUNCIONAMIENTO

注 意

- *組み立てる前に必ずお読みください。
- *12才以下の方が組み立てる時は、保護者もお読 みください。
- 1. 組み立てモデルです。作る前に組み立て説明書をお読みください。
- 2. 部品を取り出した後のビニール袋は、小さな子供が頭から被ったり、飲み込ん だりすると窒息するおそれがありますので、破り捨ててください。
- 3. 部品はきれいに切り取り、切り取った後のクズはゴミ箱に捨ててください。
- 4. 部品はやむなくとがっている所がありますので使用目的以外は、絶対に遊ばな いでください。特に小さいお子様のいる家庭では注意してください。
- 5. 小さな部品がありますので、誤って飲み込まないようにしてください。特に小 さいお子様のいる家庭では注意してください。
- 6. 部品の組立の際、 ニッパー、 ナイフ、 ヤスリ等を不用意に取り扱うと、刃先 等で怪我の恐れがあります。12才以下の方は、保護者の指導のもとに取り扱っ てください。
- 7. 接着剤、塗料を使用する場合は、下記に注意してください。
 - *締め切った室内では使用しないでください。中毒の恐れがあります。
 - *火の近くでの使用は絶対に止めてください。引火の恐れがあります。接着剤、 塗料は目や口に入れないでください。
 - *誤って目や口に入ったときは、すぐに大量の水で洗い流して、医師に相談し てください。
- 8. 工具、接着剤、塗料、電池等を使用する場合は、その説明書の注意事項をよく 読んで正しく使用してください。

CAUTION

- *MAKE SURE TO READ INSTRUCTIONS LISTED BELOW BEFORE ASSEMBLING.
- * ADULT SUPERVISIOR SHOULD ALSO READ INSTRUCTIONS WHEN ASSEMBLED BY CHILDREN AGED 12 OR YOUNGER.
- 1. THIS BEING AN ASSEMBLY KIT. READ THE INSTRUCTIONS BEFORE ASSEMBLING
- TEAR UP AND THROW AWAY THE PLASTIC BAGS CONTAINING KIT PARTS AS CHILDREN MAY SUFFOCATE BY SWALLOWING OR WEAR-ING OVER HEAD.
- 3. CUT THE PARTS OFF PROPERLY AND THROW THE WASTE PARTS INTO DUSTBOX AT ONCE
- 4.DO NOT PLAY WITH THE PARTS FOR ANY OTHER PURPOSE AS SOME PARTS MAY BE TOO SHARP. MORE CAUTION AND CARE NEEDED FOR FAMILIES WITH INFANTS
- 5.DO NOT SWALLOW ANY PARTS AND CUT-OFF CHIPS. KEEP AWAY FROM REACH OF CHILDREN.
- 6. WRONG OR CARELESS USAGE OF NIPPER, CUTTER, FILE ETC. MAY HURT THE ASSEMBLER.
- 7. BE CAUTIONS AS FOLLOWS WHEN USING ADHESIVES AND/OR PAINTS: *DO NOT USE IN CLOSED ROOM TO AVOID POISONING/TOXIC.
 - *DO NOT USE NEAR FIRE TO AVOID FLAMMABILITY.
 - *DO NOT PUT ANY ADHESIVES AND/OR PAINTS INTO MOUTH AND EYE IF MISTAKENLY PUT INTO, WASH OUT PROMPTLY WITH FULL WATER AND CONSULT A DOCTOR.
- 8.USE TOOLINGS, ADHESIVES, PAINTS, BATTERIES ETC. PROPERLY AFTER CAREFUL READING OF INSTRUCTIONS GIVEN IN EACH HANDLING MANUAL.

(株) 長谷川製作所

静岡県焼津市八楠3-1-2〒425-8711TEL (054) 628-8241



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