

**MONOGRAM**

# AH-1S COBRA ATTACK HELICOPTER

KIT 5444

1/48 SCALE MASSTAB 1/48 ESCALA 1/48  
SCHAAL 1/48 1/48 ECHELLE SKALA 1/48 SCALA 1/48

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5444-0200

The Bell AH-1S is the latest version of the U.S. Army's efficient tank-killer helicopter, known as the HueyCobra. Created in 1965, the AH-1 was developed from the famed Huey troop-carrying helicopter so widely used in Vietnam. Ironically, the HueyCobra was developed to provide an armed escort for the troop-laden Hueys.

During the early 1960's, Bell experimented with heavily armed Hueys, and although the concept of an armed helicopter was proven feasible, it was clear the Huey was not the best platform. Because of combat losses in Vietnam, it was evident that an effective armed helicopter was needed, and quickly. Bell engineers designed a new front fuselage for the Huey, placing the two crewmen in tandem and reducing the frontal area from 8 feet to only three feet. The proven Avco Lycoming T53 engine, transmission, rotor and tail boom of the Huey were mated to the new front, providing a slim machine with a top speed of 172 mph, or 24

mph faster than the Huey.

The HueyCobra also introduced a novel power turret in the nose. Coupled directly to the gunner's helmet, the turret would move as the gunner moved his head, aiming the gun just by looking at the target!

The first AH-1S models were converted from earlier AH-1G and -1Qs. In this configuration the HueyCobra could perform stand-off hovering and nap-of-the-earth (NOE) missions. Soon the value of these modified helicopters became evident and the Army ordered the new AH-1S into production. These Cobras differ from the rebuilds in the use of flat, non-glint canopies, and include such refinements as laser rangefinders, radar jammers and IR suppressors on the engines. Eventually, all the Army Cobras will be brought up to the -1S configuration.

This Monogram model was developed from an actual AH-1S and with data provided by the Bell Helicopter Division of the Textron Co.

**READ THIS BEFORE YOU BEGIN**

- Study the assembly drawings.
- Each plastic part is identified by a number.
- Check the fit of each piece before cementing in place.
- Do not use too much cement to join parts.
- Use only cement for polystyrene plastic.
- Model 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.

- No use demasiado pegamento para unir las piezas.
- Use unicamente pegamento para plastico de poliestirena.
- El modelo puede pintarse de acuerdo con las fotografias de la caja.
- Permítale que se seque la pintura completamente antes de tocar las piezas.
- Raspe la pintura de las superficies que seran pegadas.
- Para una mejor fijacion de la pintura y de las calcomanias, lavense las piezas plasticas en una solucion de detergente suave. Enjuaguese y rejense secar al aire.

- Le modele peut etre peint conformement aux photos sur la boite.
- Laissez secher la peinture completement, avant de manipuler les pieces.
- Grattez la peinture sur les surfaces devant etre collees.
- Pour assurer la meilleure adhesion possible de la peinture et des decalcomanies, lavez les pieces de plastique avec une legere solution savonneuse. Rincer et laissez secher a l'air.

**ALLGEMEINE HINWEISE**

- Die Anordnung der Bauteile ist aus den Zeichnungen der Anleitung ersichtlich.
- Jedes Plastikteil ist durch eine Nummer gekennzeichnet.
- Die Teile vor dem Verkleben ungeleimt zusammenhalten, um ihren Passsitz zu prufen.
- 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 Klebstoffen abgeschabt werden.
- Damit die Farbe und die Abziehbilder besser kleben, sind die Plastikteile in einer milden Seifenlauge zu waschen. Dann abspülen und an der Luft trocknen lassen.

**LEES DIT ALVORENS TE BEGINNEN**

- Bestudeer de bouwtekening.
- Elk plastic onderdeel is genummerd.
- Controleer de passing van elk deel voor het lijmen.
- Gebruik niet te veel lijm.
- Alleen lijm voor polystyreen plastic gebruiken.
- Men kan model verven zoals aangeduid op de doos.
- Laat de verf van de te verwerken delen steeds goed drogen.
- Verwijder de verf van te lijmen oppervlakken.
- Zodat de verf en etiketten beter zullen plakken, was de plasticke delen in een milde seep oplossing.
- Spoel en laat in de openlucht opdrogen.

**LAS DET HAR INNAN DU BORJAR BYGGA**

- Studera monteringskisserna.
- Alla plastdelar har identifikationsnummer.
- Kolla noga att delarna passar före limningen.
- Stryk inte för mycket lim på delarna.
- Använd endast lim för polystyren-plast.
- Modellen kan malas enligt fotona på kantongen.
- Låt färgen torika ordentligt före limningen.
- Skrapa bort färgen på de ytor som ska limmas.
- För bättre vidhäftning av färg och dekalmärken rengör plastdelarna i en mild baltmedelslösning. Skölj och låt lufttorka.

**LEA ESTO ANTES DE EMPEZAR**

- Estudie los dibujos de ensamble.
- Cada pieza de plastico se identifica por un numero.
- Verifique que cada pieza encaje bien antes de pegar en posición.

**LISEZ CE QUI SUIT AVANT DE COMMENCER LE MONTAGE**

- Etudier les schemas d'assemblage.
- Chaque piece plastique porte un numero d'identification.
- Contrôler que chaque piece soit bien conforme avant de la coller à sa place.
- N'utilisez pas trop de colle pour reunir les pieces.
- Utilisez uniquement une colle speciale pour polystyrene.

**DA LEGGERE PRIMA DI INIZIARE**

- Studia le illustrazioni.
- Ogni pezzo è identificato da un numero.
- Controlla l'incastro di ogni pezzo prima di incollarlo.
- Non usare troppa colla per unire i pezzi.
- Adopera solamente colla per materie plastiche.
- Il modello si può dipingere seguendo le fotografie sulla scatola.
- Aspetta che la vernice sia completamente asciutta prima di maneggiare le parti.
- Asporta la vernice dai punti dove applicherai la colla.
- Per una migliore aderenza di vernice e decalcomanie, lavare le parti in plastica in soluzione detergente non abrasiva. Risciacquare e lasciar asciugare all'aria.



**CEMENT TOGETHER  
VERKLEBEN  
UNIR CON PEGAMENTO  
LIMAR  
A COLLAR  
LINMAS  
INCOLLARE**



**DO NOT CEMENT  
NIGHT KLEBEN  
NO USE PEGAMENTO  
NET LIMAR  
NE PAS COLLAR  
LINMAS NITE  
NON INCOLLARE**



**REMOVE AND THROW AWAY  
ENTRENNEN (ABFALL)  
QUITE Y TIME  
VERWILDEN EN WEGGOEDEN  
À RETIRER ET JETER  
AVLAGORAS OCH MAKULERAS  
RINNOVA ED ILMINA**

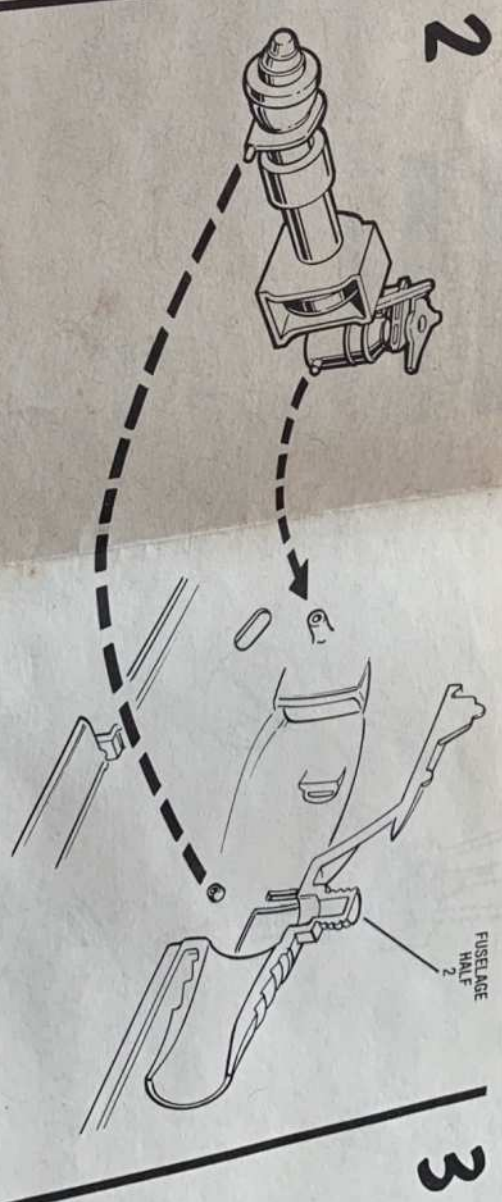
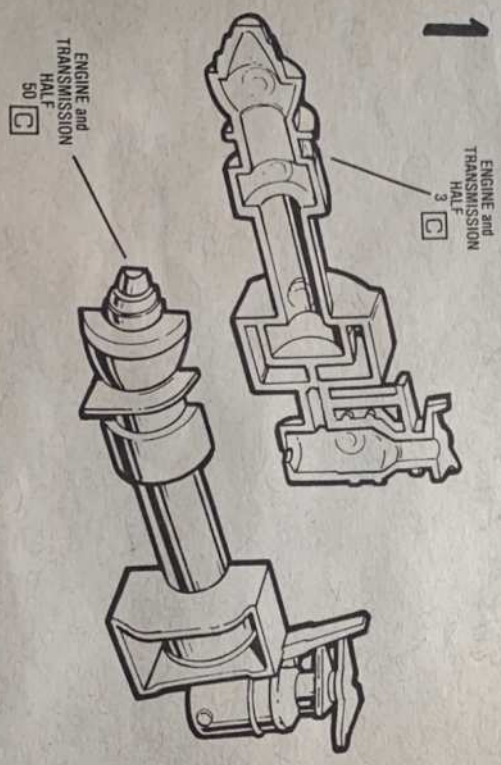


**2X**  
**REPEAT SEVERAL TIMES  
ARBEITSSGANG MEHRMALS WIEDERHOLEN  
REPETA VARIAS VECES  
ENDE KIEEN MEHRMALS  
À RÉPÉTER PLUSIEURS FOIS  
ARBEITSMOMENT SOM UPPEFFAS  
REPETI ÖVERFÖR VOLT**



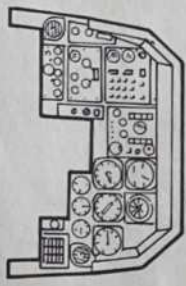
**DECAL (DIP IN WATER)  
ABZIEHBLD  
DECALCOMANIA (INDE CON AGUA)  
TRANSFERIR EN WATER (OPPEN)  
DECALCOMANIE (À PLONGER DANS L'EAU)  
DEKAL (DOPPAS I VATTEN)  
DECALCOMANIA (INNIERDI IN ACQUA)**

<b>A</b>	<b>FLAT BLACK</b>	<b>GLANZLOSES SCHWARZ</b>	<b>NEGRO APAGADO</b>	<b>GLANSLÖÖS ZWART</b>	<b>NOIR TERNE</b>	<b>MATTSVART</b>	<b>NERO OPACO</b>
<b>B</b>	<b>OLIVE DRAB</b>	<b>OLIVGRÜN</b>	<b>ACEITUNADO</b>	<b>OLIJFGROEN</b>	<b>VERT OLIVE</b>	<b>OLIVBRUN</b>	<b>VERDE OLIVA SCURO</b>
<b>C</b>	<b>METALLIC</b>	<b>METALLIC</b>	<b>METALICO</b>	<b>METALLIEK</b>	<b>METALLIC</b>	<b>METALLGLANS</b>	<b>METALLICO</b>
<b>D</b>	<b>SILVER</b>	<b>SILBERN</b>	<b>PLATA</b>	<b>ZILVER</b>	<b>ARGENT</b>	<b>SILVERFARG</b>	<b>ARGENTO</b>
<b>E</b>	<b>SATIN BLACK</b>	<b>HALBGLÄNZENDES SCHWARZ</b>	<b>NEGRO MATE</b>	<b>MAT ZWART</b>	<b>NOIR MAT</b>	<b>GRÅSVART</b>	<b>NERO SEMIOPACO</b>
<b>F</b>	<b>LIGHT GREEN</b>	<b>HELLGRÜN</b>	<b>VERDE CLARO</b>	<b>LICHTGRÖEN</b>	<b>VERT CLAIR</b>	<b>LJUSGRÖN</b>	<b>VERDE CHIARO</b>
<b>G</b>	<b>SKIN COLOR</b>	<b>HAUTFARBE</b>	<b>COLOR DE LA PIEL</b>	<b>HUIDKLEUR</b>	<b>COULEUR DE LA PEAU</b>	<b>HUDFÄRGE</b>	<b>COLORE DELLA PELLE</b>
<b>H</b>	<b>SATIN WHITE</b>	<b>WEISS</b>	<b>BLANCO</b>	<b>WIT</b>	<b>BLANC</b>	<b>VIT</b>	<b>BIANCO</b>
<b>J</b>	<b>BLUE</b>	<b>BLAU</b>	<b>AZUL</b>	<b>BLAUW</b>	<b>BLEU</b>	<b>BLA</b>	<b>BLU</b>
<b>K</b>	<b>ALUMINIUM</b>	<b>ALUMINIUMFARBEN</b>	<b>ALUMINIO</b>	<b>ALUMINIUMKLEURIG</b>	<b>ALUMINIUM</b>	<b>ALUMINIUMFÄRGAD</b>	<b>ALLUMINIO</b>
<b>L</b>	<b>YELLOW</b>	<b>GELB</b>	<b>AMARILLO</b>	<b>GEEL</b>	<b>JAUNE</b>	<b>GUL</b>	<b>GIALLO</b>
<b>M</b>	<b>RED</b>	<b>ROT</b>	<b>ROJO</b>	<b>ROOD</b>	<b>ROUGE</b>	<b>RÖD</b>	<b>ROSSO</b>
<b>N</b>	<b>DARK GRAY</b>	<b>DUNKELGRAU</b>	<b>GRIS OSCURO</b>	<b>DONKER GRIJS</b>	<b>GRIS FONCE</b>	<b>MÖRKGRÅ</b>	<b>GRIGIO SCURO</b>



3

3



INSTRUMENT PANEL 21

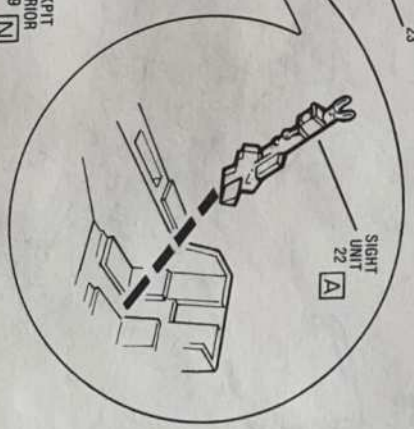
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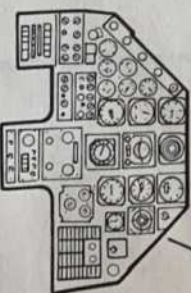
CYCLIC STICK 24

COLLECTIVE and THROTTLE 23

COCKPIT INTERIOR 19

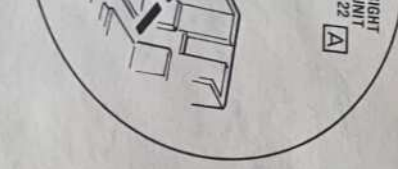


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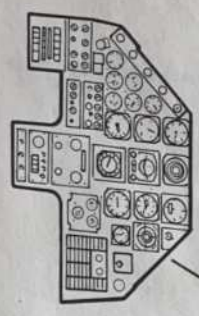


INSTRUMENT PANEL 59

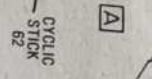
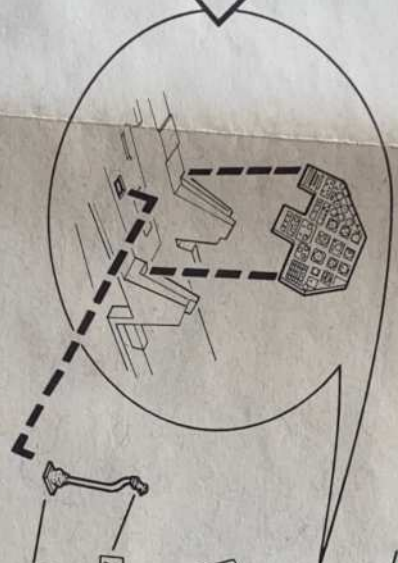
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- DUNKELGRAU MIT SCHWARZEN ANZEIGEN
- DUNKELGRAU MIT SCHWARZEN ANZEIGEN
- DUNKELGRAU MIT SCHWARZEN ANZEIGEN



- DARK GRAY WITH BLACK INSTRUMENTS
- DONKER GRAY MET SCHWARZE INSTRUMENTEN
- GRIS OSCURO CON INSTRUMENTOS DE COLOR NEGRO
- DONKER GRUIS MET SWARTE INSTRUMENTEN
- GRIS FONCE AVEC INSTRUMENTS NOIRS
- MURKUNA MENO SVARTIA INSTRUMENTI
- OSURO SCURO CON STRUMENTI NERI

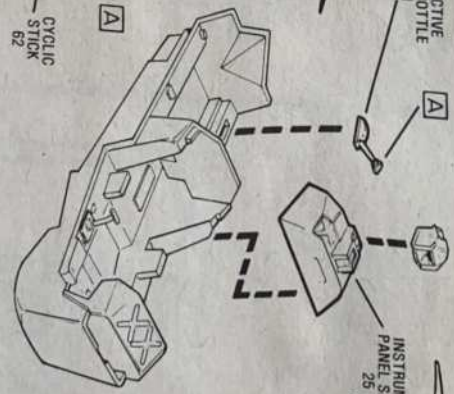


INSTRUMENT  
PANEL  
59

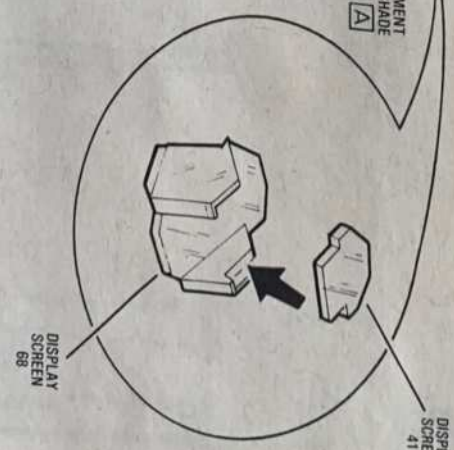


CYCLIC  
STICK  
52

COLLECTIVE  
and THROTTLE  
61

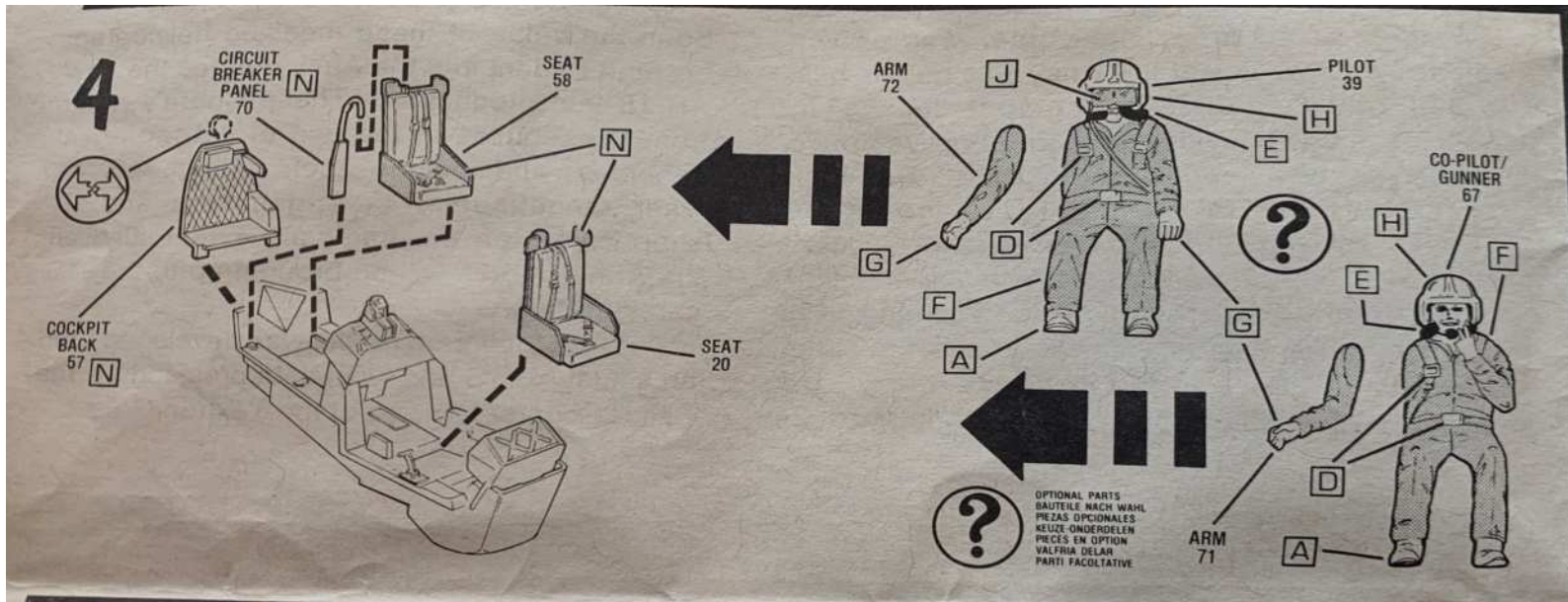


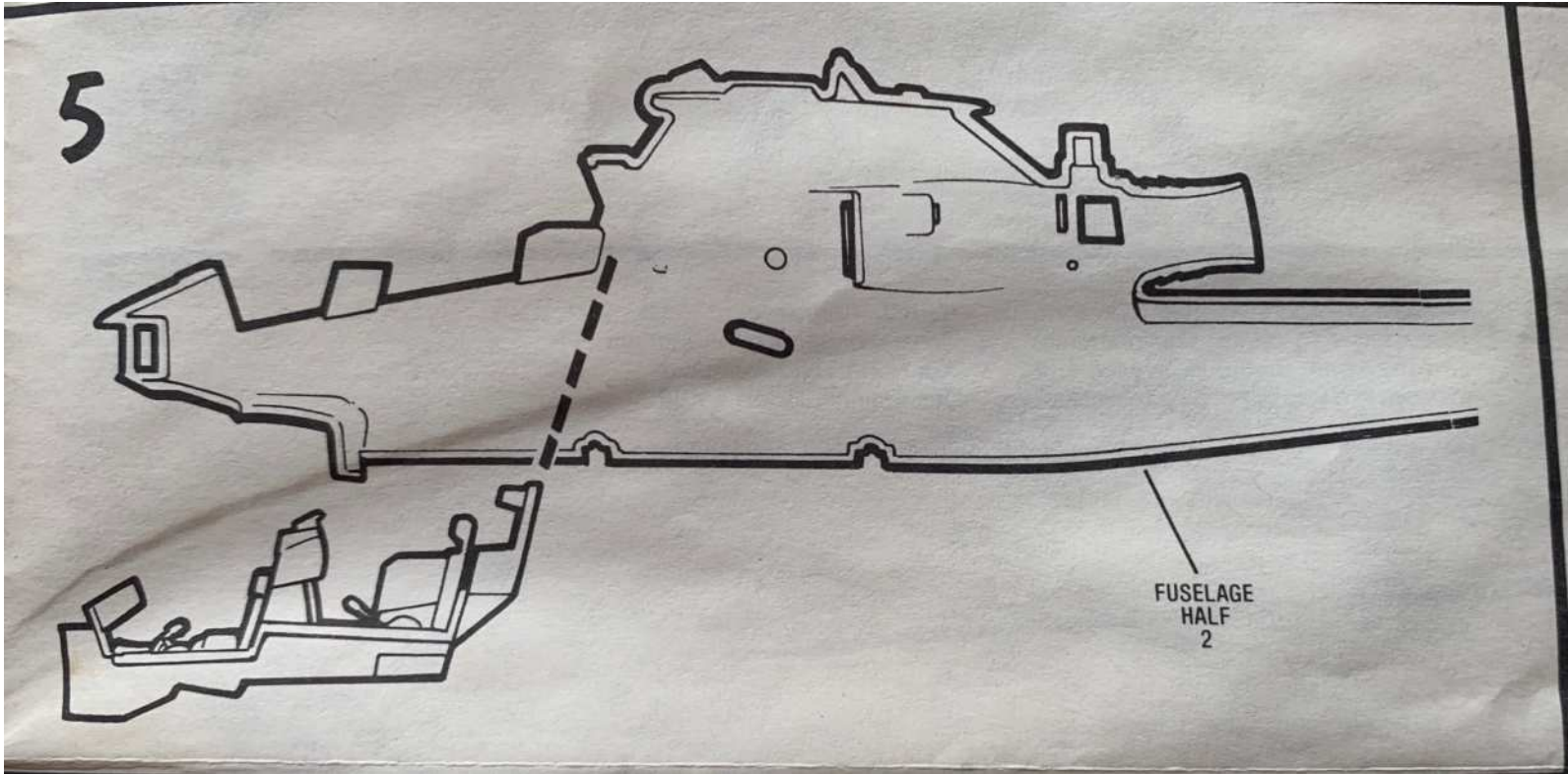
INSTRUMENT  
PANEL SHADE  
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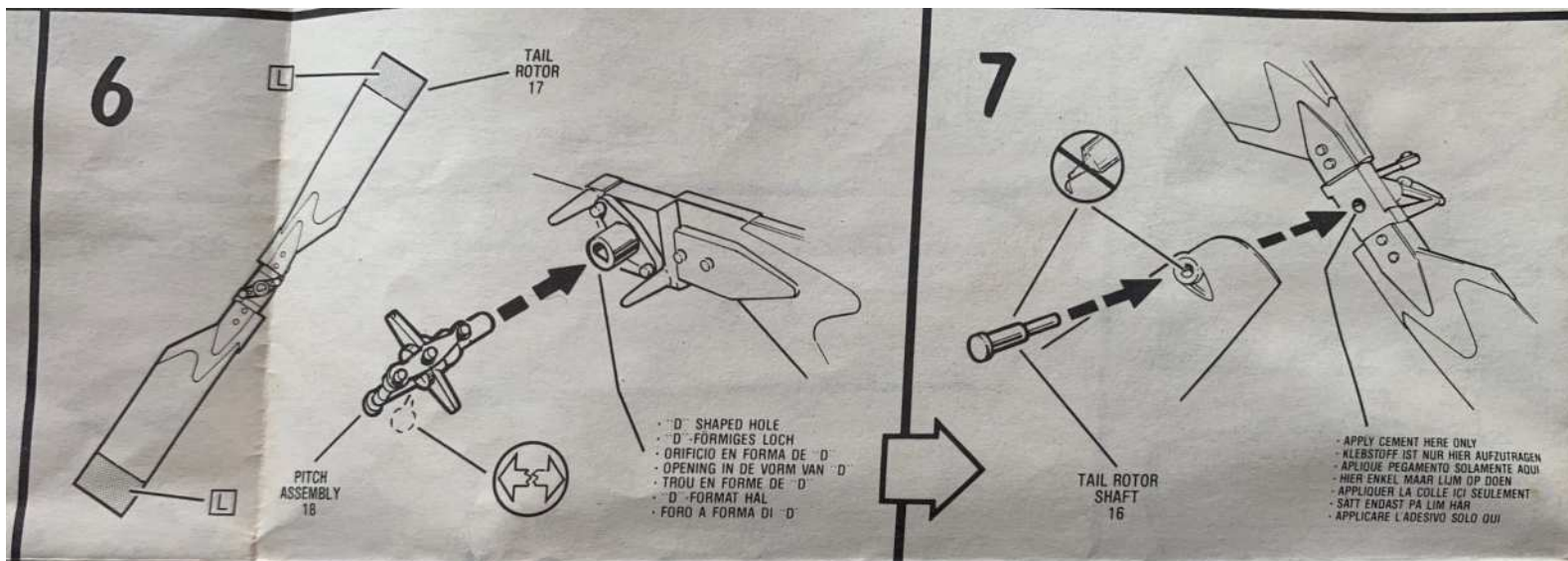


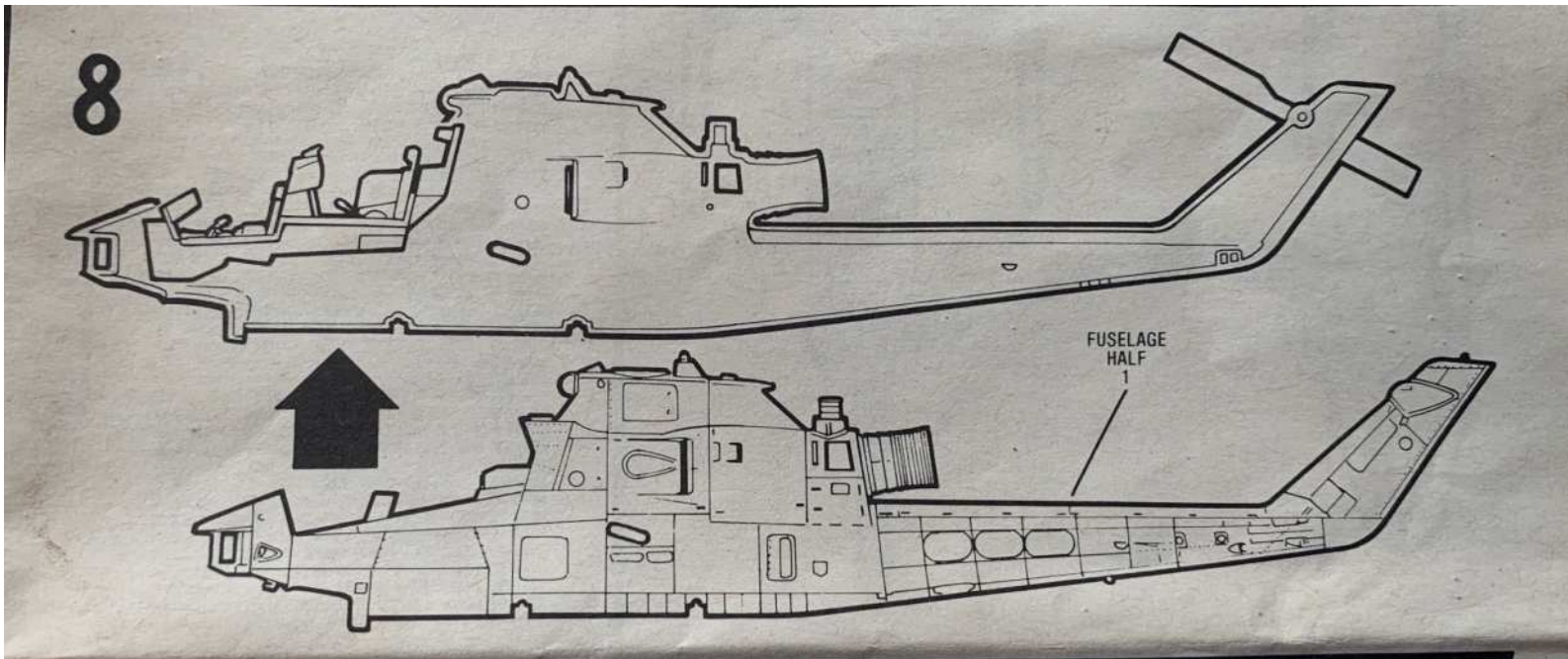
DISPLAY  
SCREEN  
68

DISPLAY  
SCREEN  
41





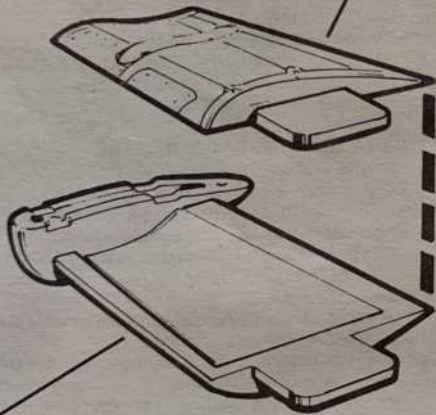






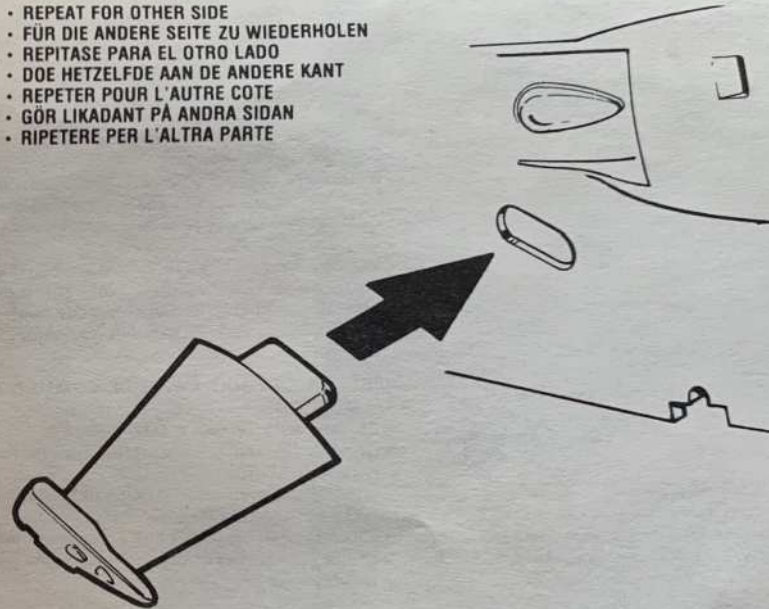
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WING  
BOTTOM  
7

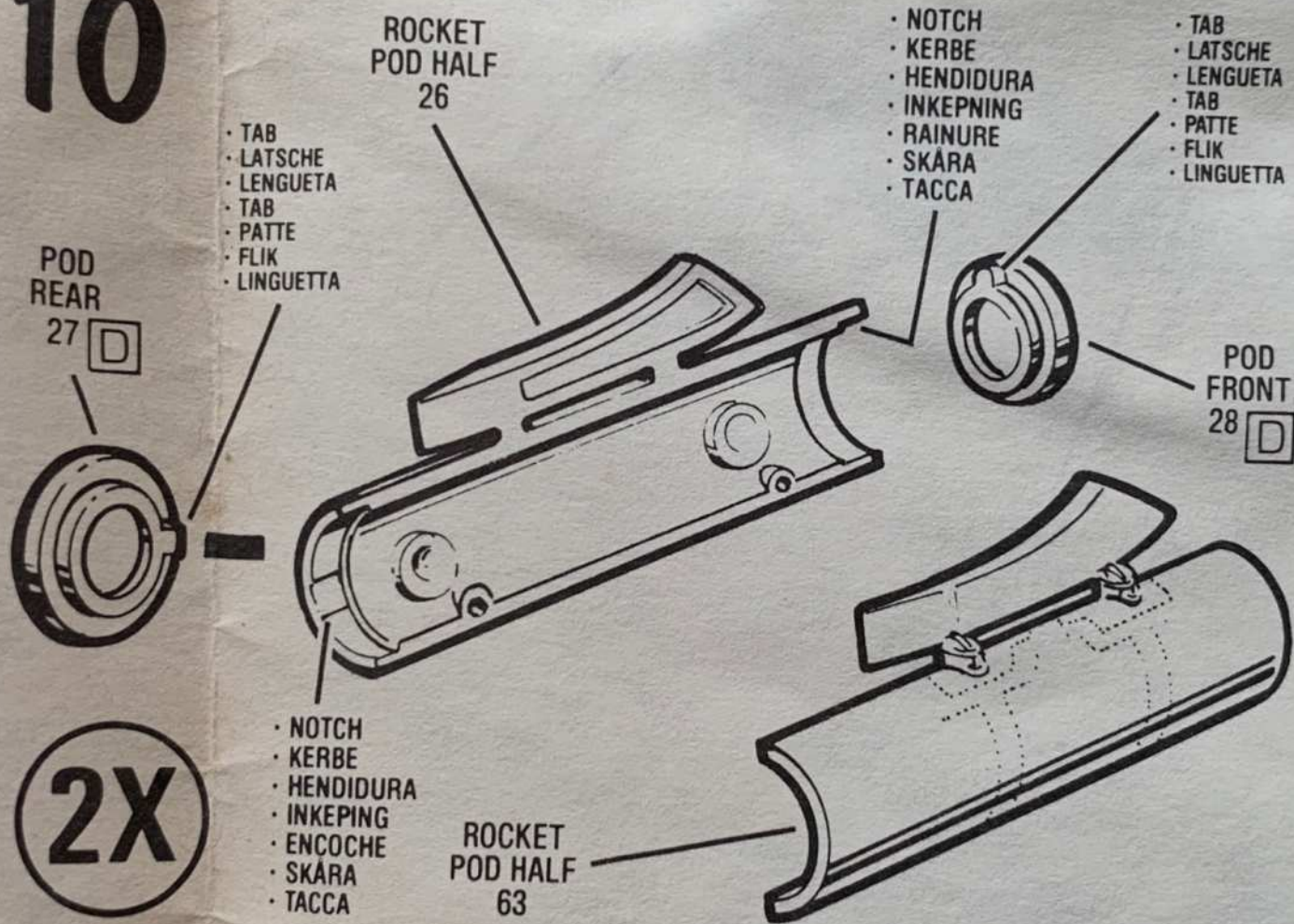


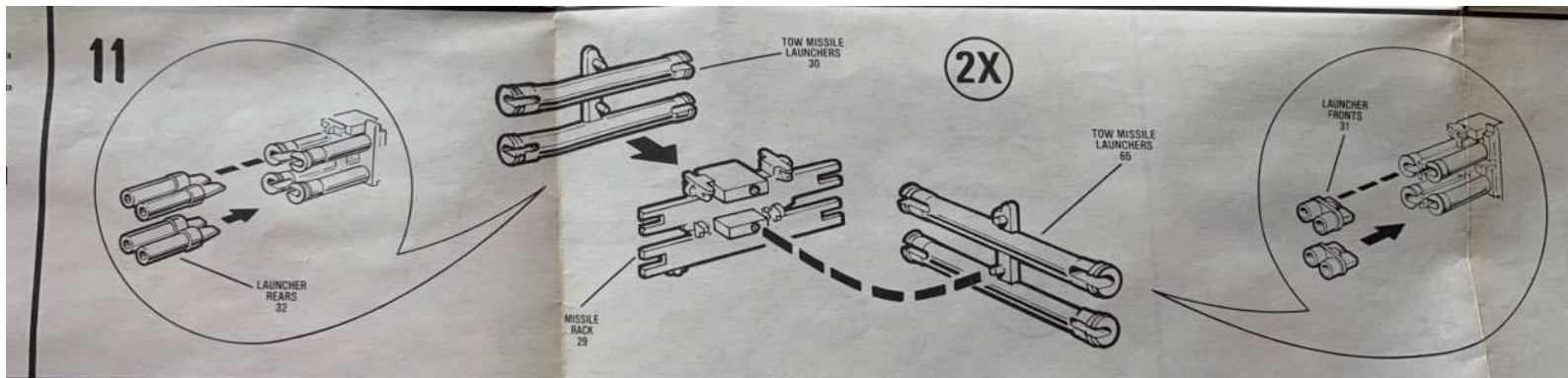
WING  
TOP  
6

- REPEAT FOR OTHER SIDE
- FÜR DIE ANDERE SEITE ZU WIEDERHOLEN
- REPITASE PARA EL OTRO LADO
- DOE HETZELFDE AAN DE ANDERE KANT
- REPETER POUR L'AUTRE COTE
- GÖR LIKADANT PÅ ANDRA SIDAN
- RIPETERE PER L'ALTRA PARTE

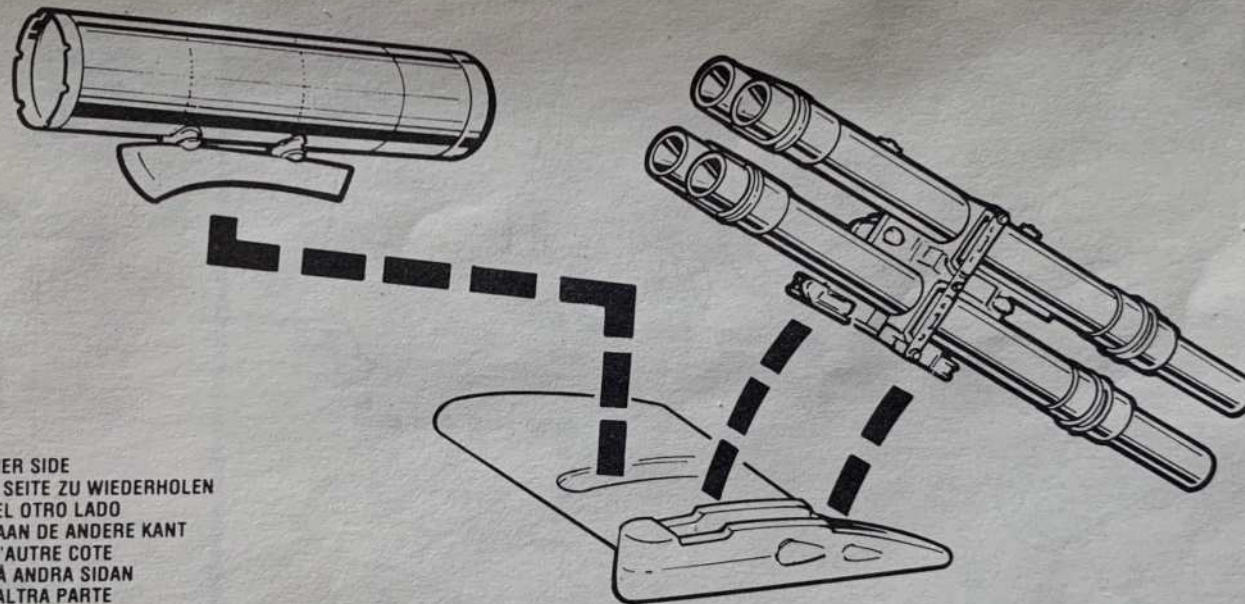


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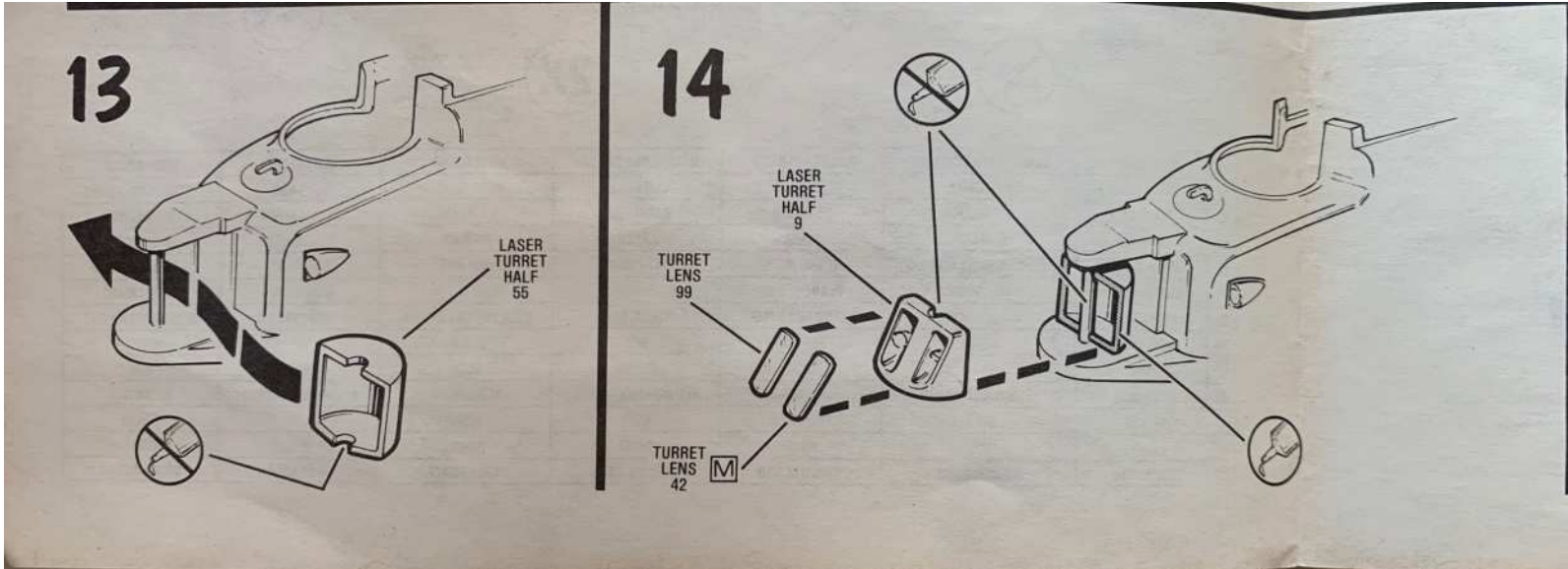




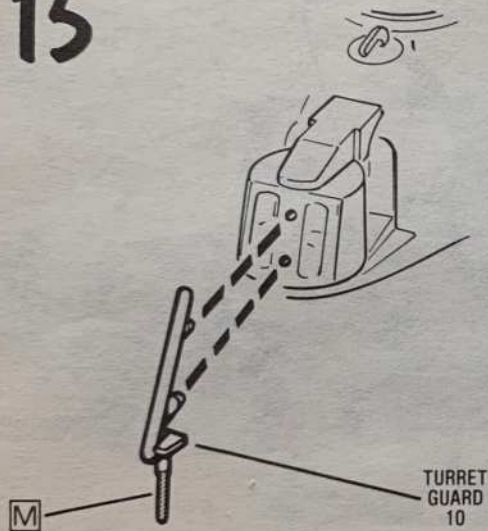
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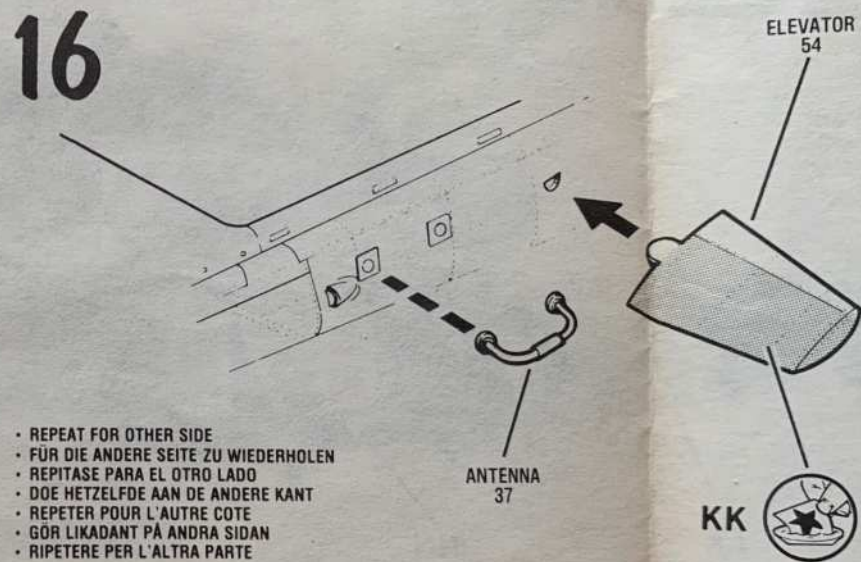
- REPEAT FOR OTHER SIDE
- FÜR DIE ANDERE SEITE ZU WIEDERHOLEN
- REPITASE PARA EL OTRO LADO
- DOE HETZELFDE AAN DE ANDERE KANT
- REPETER POUR L'AUTRE COTE
- GÖR LIKADANT PÄ ANDRA SIDAN
- RIPETERE PER L'ALTRA PARTE



# 15



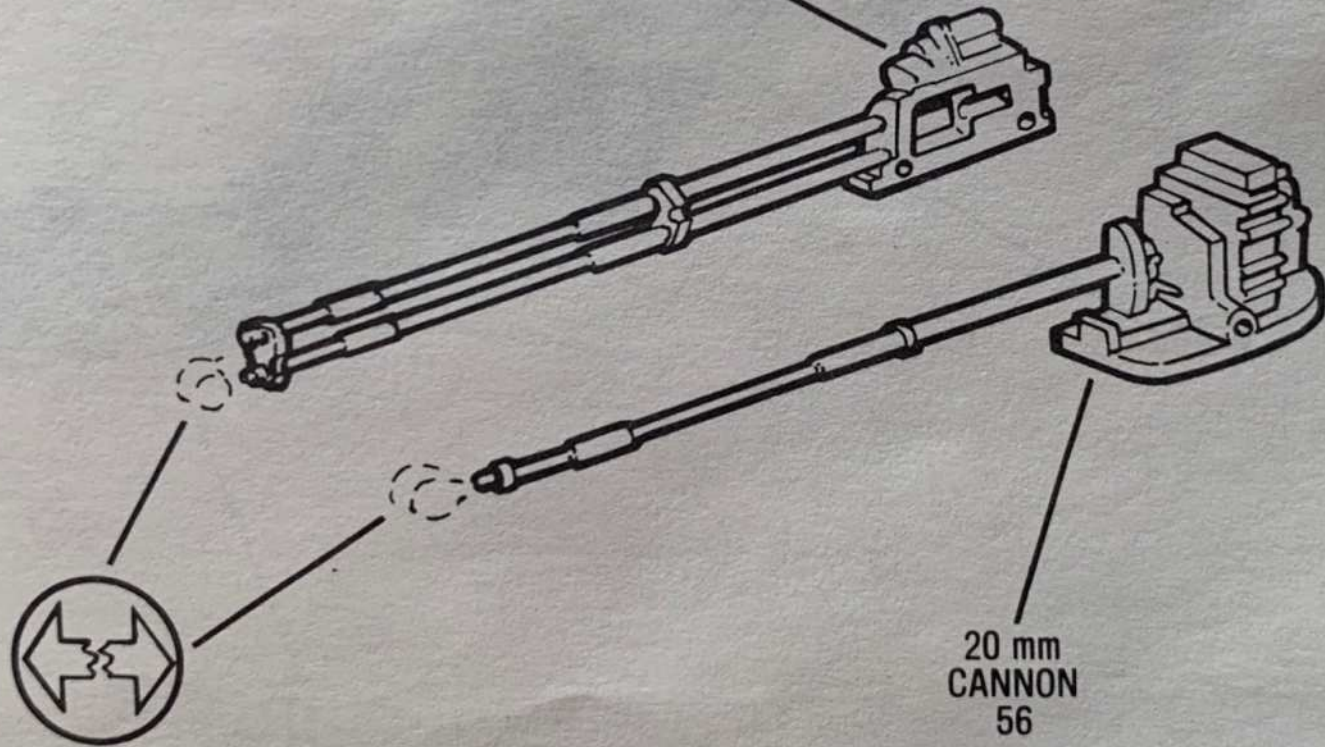
# 16



- REPEAT FOR OTHER SIDE
- FÜR DIE ANDERE SEITE ZU WIEDERHOLEN
- REPITASE PARA EL OTRO LADO
- DOE HETZELFDE AAN DE ANDERE KANT
- REPETER POUR L'AUTRE COTE
- GÖR LIKADANT PÅ ANDRA SIDAN
- RIPETERE PER L'ALTRA PARTE

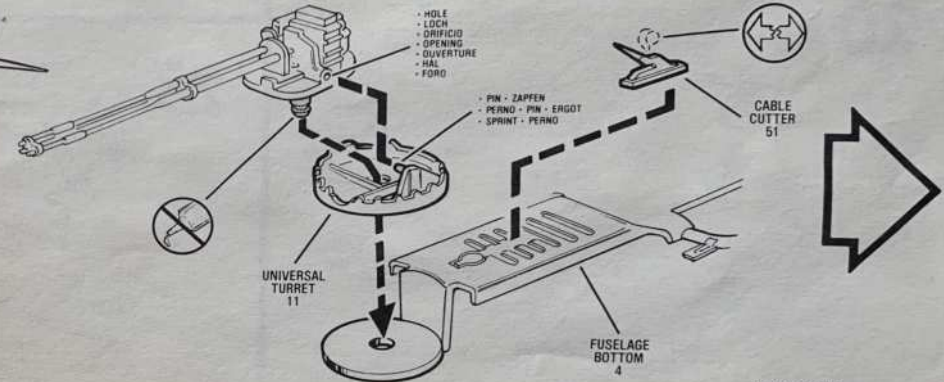
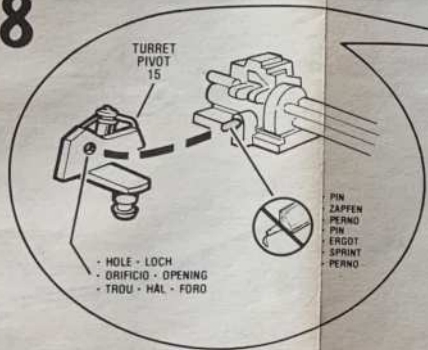
17

20 mm  
CANNON  
12



20 mm  
CANNON  
56

18

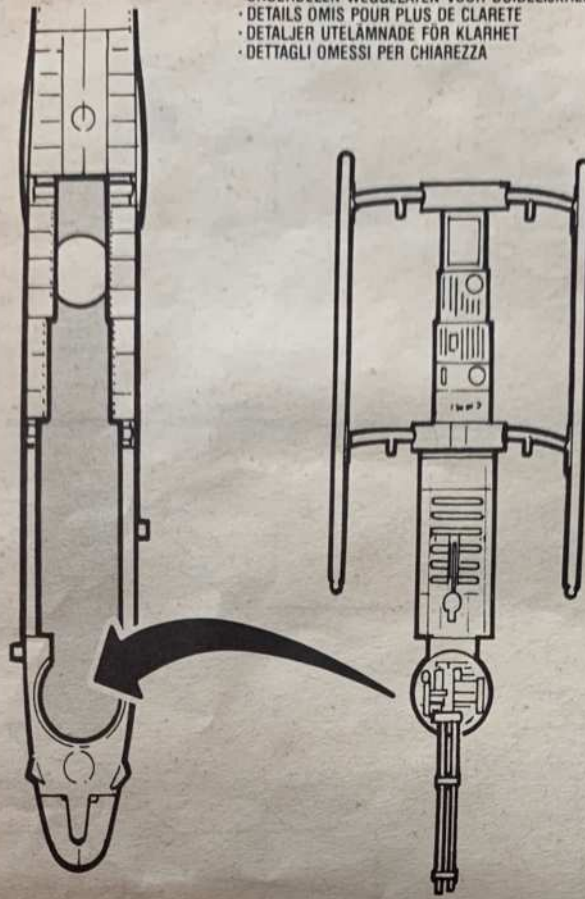


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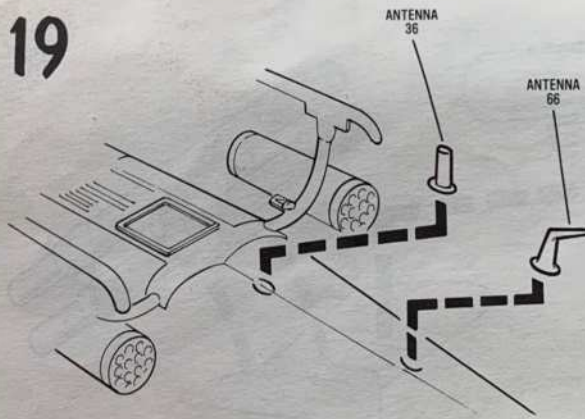


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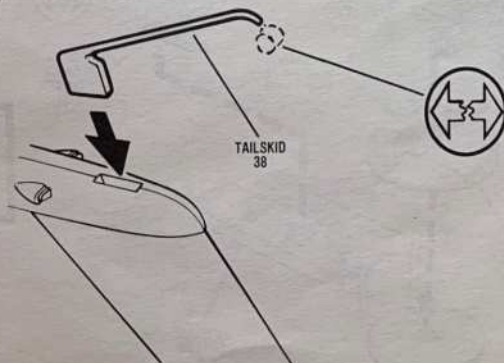
- DETAILS OMITTED FOR CLARITY
- EINZELHEITEN ZWECKS KLARHEIT AUSGELASSEN
- DETALLES OMITIDOS PARA MAYOR CLARIDAD
- ONDERDELEN WEGGELATEN VOOR DUIDELIJKHEID
- DETAILS OMIS POUR PLUS DE CLARETE
- DETALJER UTELÅMNADE FÖR KLARHET
- DETTAGLI OMESSI PER CHIAREZZA



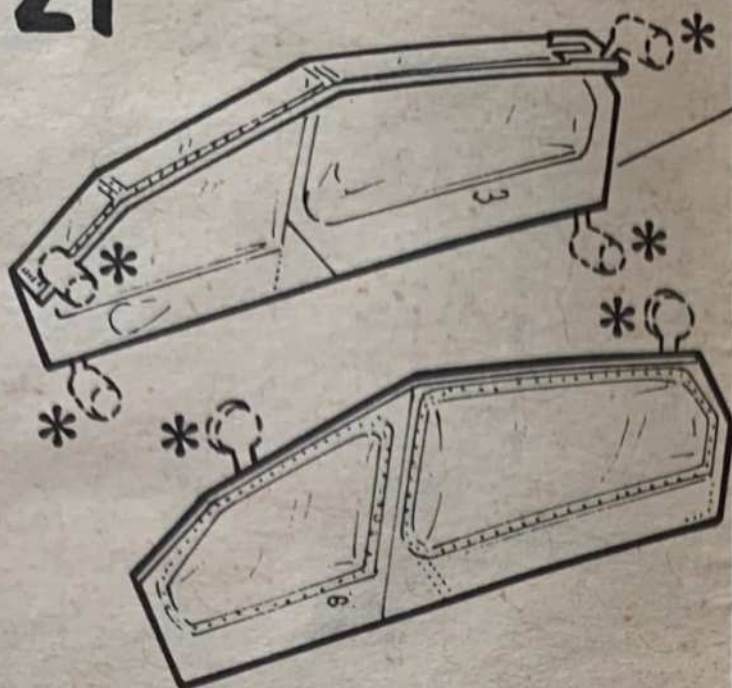
19



20



# 21



CANOPY  
40

CANOPY  
SECTION  
77



- FRAME IS FUSELAGE COLOR
- RAHMEN HAT RUMPFARBE
- ARMAZON DEL COLOR DEL FUSELAJE
- GERAAMTE IS FUSELAGE KLEUR
- LES MONTANTS SONT DE LA COULEUR DU FUSELAGE
- RAMEN HAR SAMMA FARG SOM FLYGKROPPEN
- IL TELAIO E DEL COLORE DELLA FUSOLIERA

• CANOPY DETAIL—MASK ENTIRE CANOPY WITH A DULL FINISH ACETATE MENDING TAPE. CAREFULLY CUT THE TAPE FROM AREAS TO BE PAINTED. PAINT THE EXPOSED PARTS AND ALLOW TO DRY. REMOVE THE REMAINING TAPE.

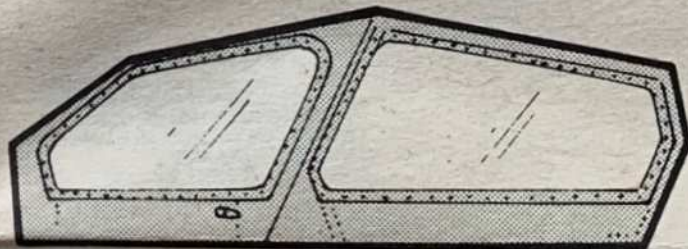
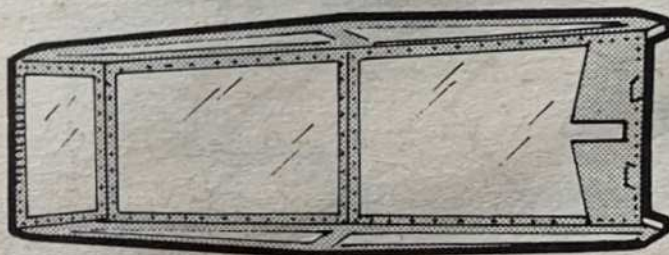
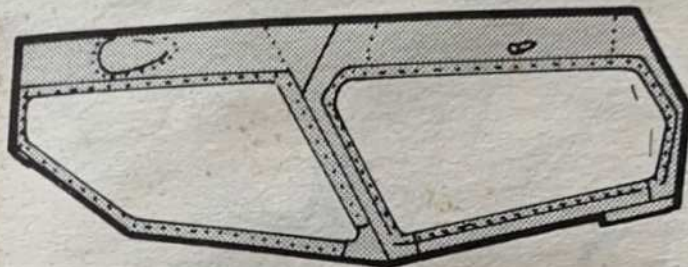
• FÜR DAS KUPPELDACH—DAS GESAMTE KUPPELDACH MIT MATTEM AZETATKLEBSTREIFEN VERKLEIDEN. DEN KLEBSTREIFEN SORGFÄLTIG VON DEN ZU STREICHENDEN FLÄCHEN ABSCHNEIDEN. DIE FREIEN TEILE STREICHEN UND TROCKNEN LASSEN. DEN ÜBRIGEN KLEBSTREIFEN ENTFERNEN.

• DECORACION DE LA CARLINGA—CUBRIR ENTERAMENTE LA CARLINGA CON LA CINTA DE PEGAR DE COLOR ACETATO APAGADO. RECORTE CUIDADOSAMENTE LA CINTA. DE LAS AREAS A SER PINTADAS. PINTÉ LAS PARTES QUE QUEDEN EXPUESTAS Y DEJE SECAR. RETIRE LA CINTA DE PEGAR.

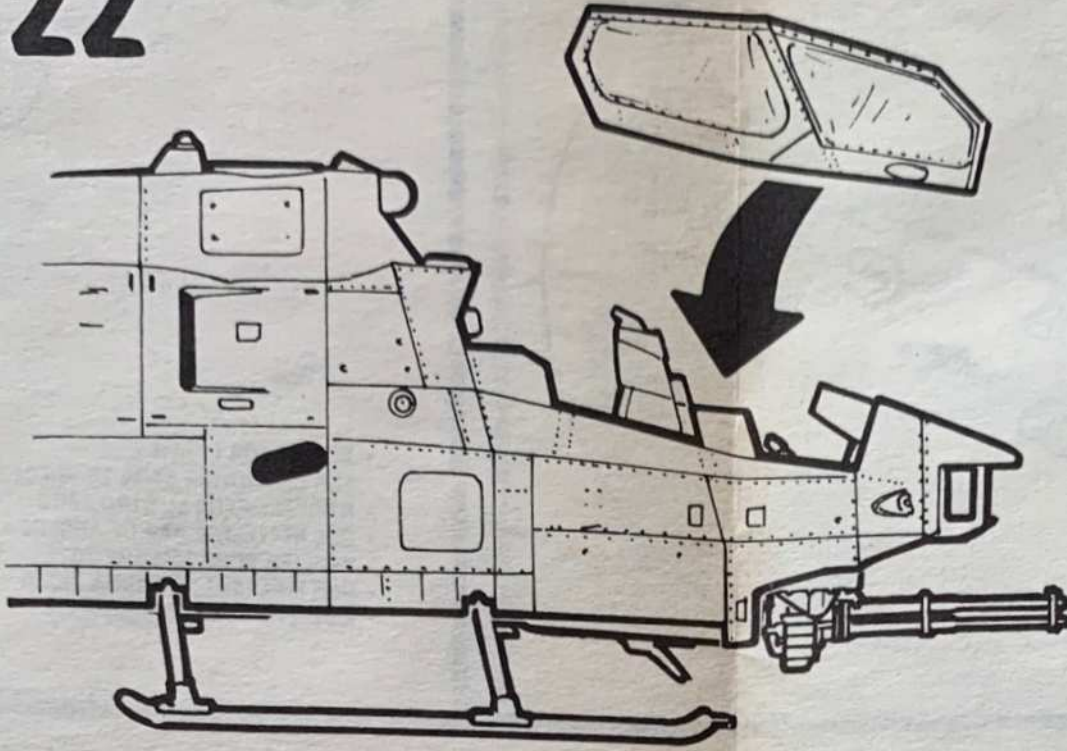
• DETAILLE VAN KOEPELDAK—BEDEK DE GEHELE KOEPELDAK MET DOF GLANZENDE ACETATE VERSTEL BAND. KNIP DE BAND MET ZORG UIT VAN DE TE VERVEN OPPERVLAKTEN. VERF DE NIET BEDEKTE DELEN EN LAAT ZE DROGEN. VERWIJDER DE OVERBLIJFENDE BAND.

• FINITION DE LA VERRIERE—COUVRIR ENTIEREMENT LA VERRIERE AU MOYEN DE RUBAN ADHESIF D'ACETATE MAT. DEGAGEZ LES ZONES A PEINDRE EN DECOUPANT LE RUBAN AVEC SOIN. PEINDRE LES SURFACES DEGAGEES ET LAISSER SECHER. ENLEVER LE RUBAN RESTANT.

• HUVDEKORERING—MASKERA HELA HUVEN MED EN MATTBHANDLAD ACETATE LAGNINGSTEJP. SKÅR FÖRSIKTIGT BORT TEJPEN FRÅN OMRADEN SOM SKALL MÅLAS. MÅLA DE FRILAGDA YTORNA OCH LÅT TORKA. TA BORT KVARVARANDE TEJP.  
• DETTAGLIO CALOTTA—MASCHERARE D'INTERA CALOTTA CON UN NASTRO IN ACETATO A FINITURA OPACA. RITAGLIARE ACCURATAMENTE IL NASTRO DALLE AREE DA DITINGERE. DITINGERE LE PARTI ESPOSTE E LASCIAR ASCIUGARE. TOGLIERE IL NASTRO RIMANENTE.

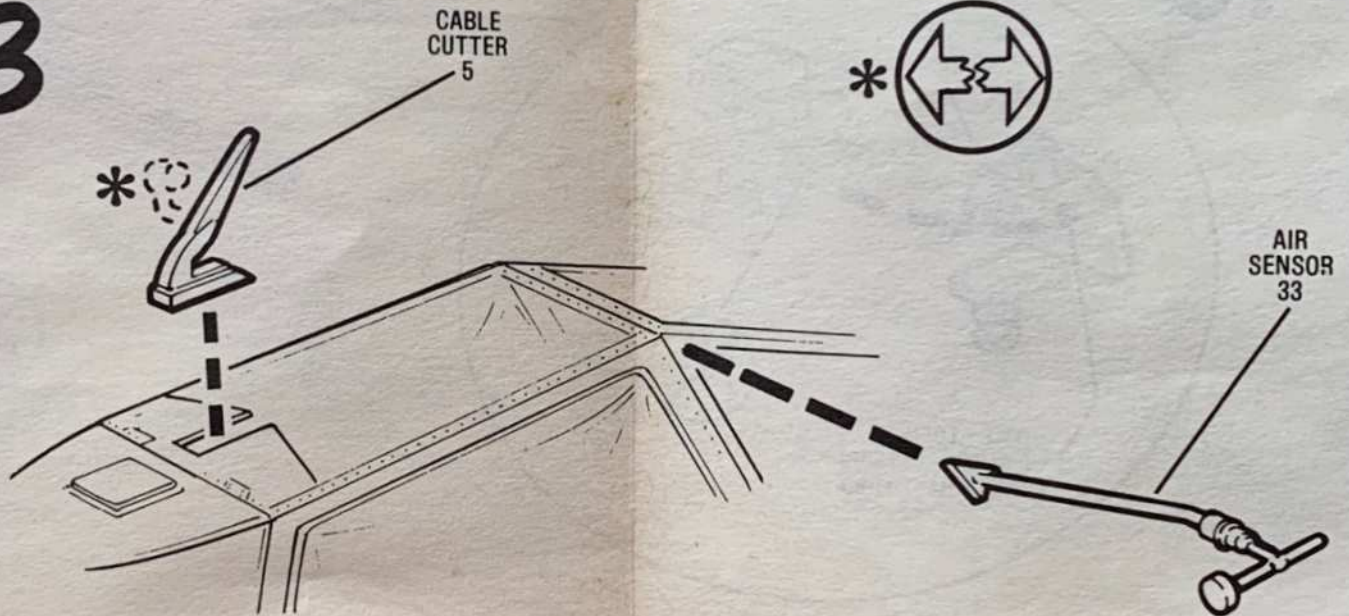


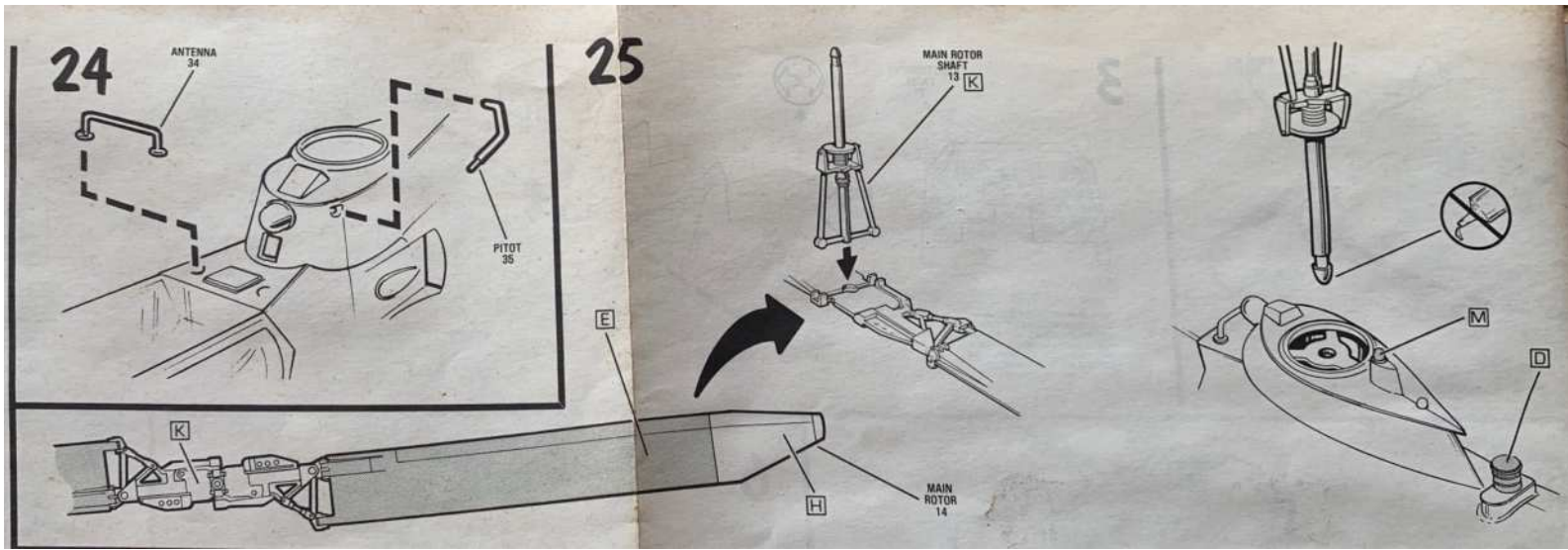
# 22



- SOME DETAILS OMITTED
- CERTAINS DETAILS SUPPRIMES
- ALGUNOS DETALLES OMITIDOS
- EINIGE EINSELHEITEN AUSGELASSEN
- VISSA DETALJER UTELÄMNADE
- SOMMIGE DETAILLES WEGGELATEN
- ALCUNI DETTAGLI SONO ELIMINATI

# 23





If you have any problems building this model, call our modeling tips hotline at: (800) 833-3570

Revell, Incorporated has put forth every effort to create and manufacture the finest model kit available. If a part may be missing, please write to:

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Consumer Service Department  
395 North Third Avenue  
Des Plaines, Illinois 60016

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

