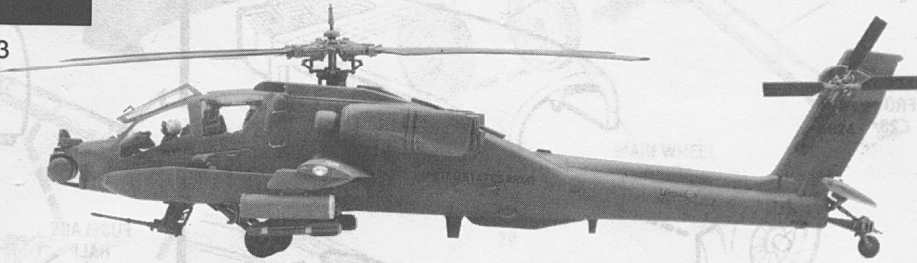




AH-64 APACHE ATTACK CHOPPER

KIT 5443

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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5443-0200

The AH-64A Apache is far from being the most handsome aircraft in the U.S. Army's inventory, but its pugnacious appearance is indicative of its mission: to seek out and destroy enemy armored vehicles and strongpoints during the day, night or under adverse weather conditions. The Apache is a real GI helicopter, having the capability to fight, survive, and live with front line troops on the battlefield.

The AH-64A was developed by Hughes Helicopters, Inc. to capitalize on attack helicopter experience gained during the Vietnam War. It was designed from the ground up to incorporate the most modern survivability features. Indeed, its vital flight systems are able to withstand the impact of high-explosive and armor-piercing anti-aircraft rounds.

The Apache is a twin-engine helicopter with four-bladed main and tail rotors and three-point landing gear. It is powered by two 1600 horsepower General Electric T700 turboshaft engines which give it a speed of nearly 200 miles per hour. The engines are fitted with large infrared-suppressing exhaust systems which hinder enemy heat-seeking missiles.

The primary weapon of the AH-64A is the laser-guided Hellfire antitank missile, 16 of which can be carried on four pylons. Suppressive firepower is provided by podded 2.75-inch rockets and a 30mm Hughes Chain Gun automatic cannon. A Martin Marietta Target Acquisition and Designation Sight and Pilot Night Vision Sensor are located in the nose of the helicopter.

The crew of two sits in tandem in their armored cockpit with the co-pilot/gunner in front and the pilot above and to the rear. They are provided with helmet-mounted sighting systems which allow them to acquire targets merely by moving their heads.

Certainly the most advanced helicopter gunship flying today, the Apache is specifically designed to complement armored weapon systems on the battlefield. Its lethal firepower, mobility, and high survivability provide the U.S. Army with the ideal fighting machine to fulfill this mission.

Your Monogram model was designed from an actual AH-64A and information provided by Hughes Helicopters, Inc.

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 plástico de poliestireno.
- El modelo puede pintarse de acuerdo con las fotografías de la caja.
- Permítete que se seque la pintura completamente antes de tocar las piezas.
- Raspe la pintura de las superficies que serán pegadas.
- Para una mejor fijación de la pintura y de las calcomanías, lávase las piezas plásticas en una solución de detergente suave. Enjuáguese y déjense secar al aire.

- Le modèle peut être peint conformément aux photos sur la boîte.
- Laissez sécher la peinture complètement, avant de manipuler les pièces.
- Grattez la peinture sur les surfaces devant être collées.
- Pour assurer la meilleure adhésion possible de la peinture et des décalcomanies, lavez les pièces de plastique avec une légère solution savonneuse. Rincer et laisser sécher à 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 Passitz 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 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 vóór 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.
- Modellerna kan målas enligt foton på kantungen.
- Låt färgen torka ordentligt före limningen.
- Skrapa bort färgen på de ytor som ska limmas.
- För bättre vidhäftning av färg och dekalmarken rengör plastdelarna i en mild tvättmedelslösning. Skölj och låt lufttorka.

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.

LEA ESTO ANTES DE EMPEZAR

- Estudie los dibujos de ensamblaje.
- Cada pieza de plástico se identifica por un número.
- Verifique que cada pieza encaje bien antes de pegar en posición.

LISEZ CE QUI SUIT AVANT DE COMMENCER LE MONTAGE

- Etudiez les schemas d'assemblage.
- Chaque pièce plastique porte un numéro d'identification.
- Contrôlez que chaque pièce soit bien conforme avant de la coller à sa place.
- N'utilisez pas trop de colle pour réunir les pièces.
- Utilisez uniquement une colle spéciale pour polystyrène.



REMOVE AND THROW AWAY
ENTFERNEN (ABFALL)
QUITE Y TIRE
VERWIJDEREN EN WEGGOOIEN
À RETIRER ET JETER
AVLAGSNAS OCH MAKULERAS
RIMOUVI ED ELIMINA



DO NOT CEMENT
NICHT KLEBEN
NO USE PEGAMENTO
NIET LIJMEN
NE PAS COLLER
LIJMAS INTE
NON INCOLLARE



OPTIONAL PARTS
BAUTEILE NACH WAHL
PIEZAS OPCIONALES
KEUZE-ONDERDELEN
PEZES EN OPTIEN
VALFRIA DELAR
PARTI FACOLTATIVE

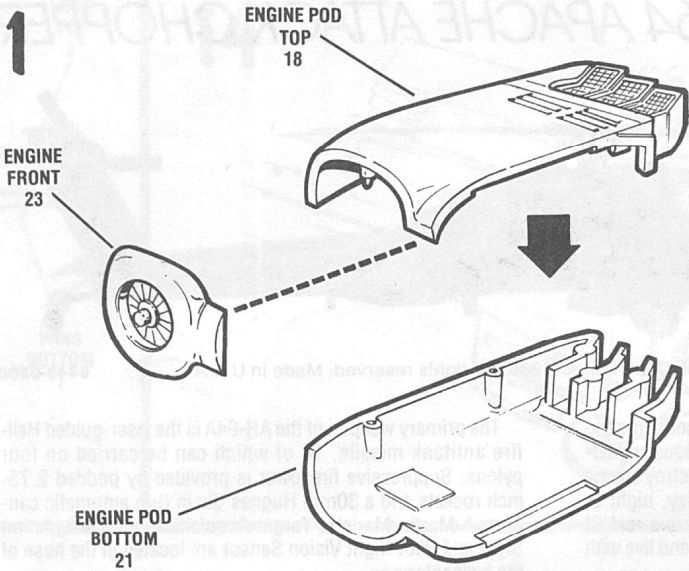


DECAL (DIP IN WATER)
ABZEBILD
DECALCOMANIA (MOJE CON AGUA)
TRANSFERS (IN WATER DOPEN)
DECALCOMANIE (À PLONGER DANS L'EAU)
DEKAL (DOPPAS I VATTEN)
DECALCOMANIA (IMMERGI IN ACQUA)

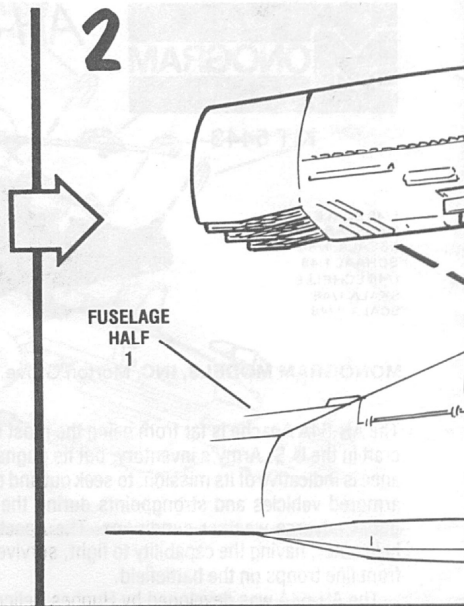
The numerical color code listed below indicates the correct Monogram-Humbrol color selections that you will need to detail your kit. These paints are specially formulated for application to plastic surfaces and are available at your favorite hobby retailer.

A	33 FLAT BLACK	SCHWARZ	NEGRO	ZWART	NOIR	SVART	NERO
B	156 OLIVE DRAB	OLIVGRÜN	ACEITUNADO	OLIJFGROEN	VERT OLIVE	OLIVGRÜN	VERDE OLIVA SCURO
C	53 GUNMETAL	METALLIC	METALICO	METALLIEK	METALLIC	METALLGLANS	METALLICO
D	11 SILVER FOX	SILBERN	PLATA	ZILVER	ARGENT	SILVERFARG	ARGENTO
E	85 SATIN BLACK	SCHWARZ	NEGRO	ZWART	NOIR	SVART	NERO
F	117 MEDIUM GREEN	OLIVGRÜN	VERDE OLIVA	OLIJFGROEN	VERT OLIVE	OLIVGRÜN	VERDE OLIVA
G	61 FLESH	HAUTFARBE	COLOR DE LA PIEL	HUIDKLEUR	COULEUR DE LA PEAU	HUDFARGE	COLOR DELLA PELLE
H	130 SATIN WHITE	WEISS	BLANCO	WIT	BLANC	VIT	BIANCO
J	14 FRENCH BLUE	BLAU	AZUL	BLAUW	BLEU	BLÅ	AZZURRO

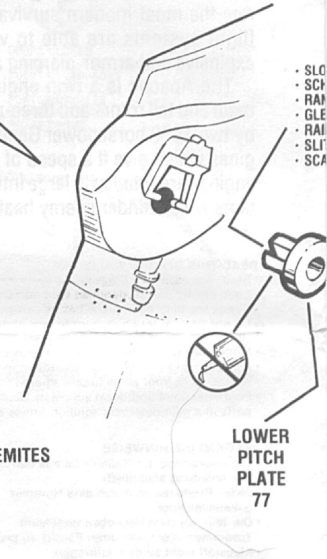
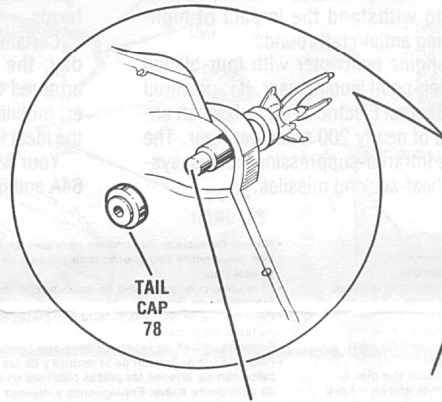
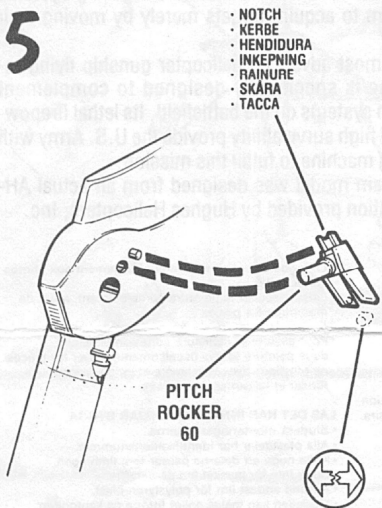
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2

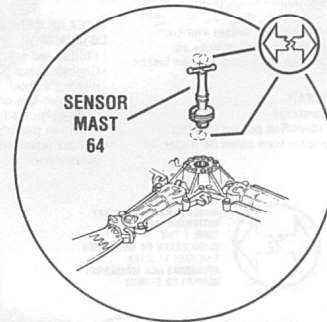
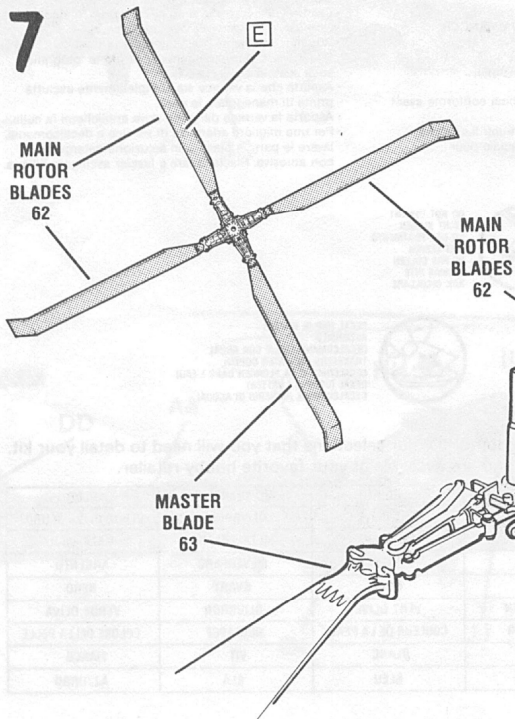


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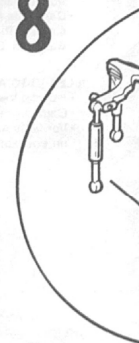


- CEMENT END ONLY
- COLLER UNIQUEMENT LES EXTREMITES
- PEGUE SOLO EL EXTREMO
- NUR DAS ENDE ZEMENTIEREN
- LIMMA ENDAST ÄNDELEN
- LIJM ALLEEN EINDSTUK
- INCOLLARE SOLO LA FINE

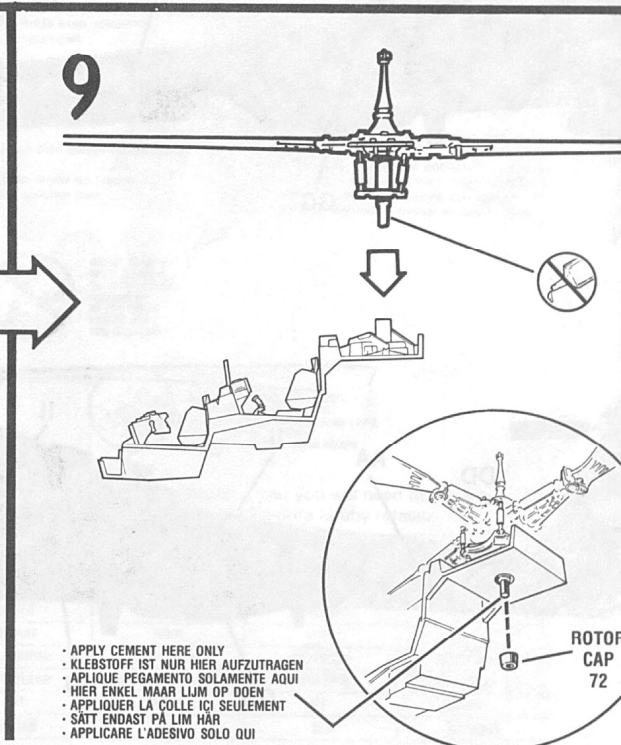
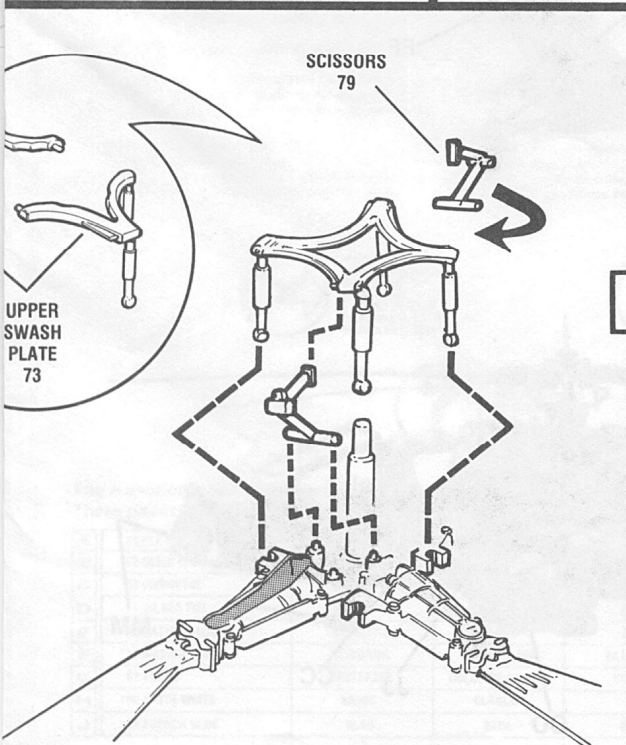
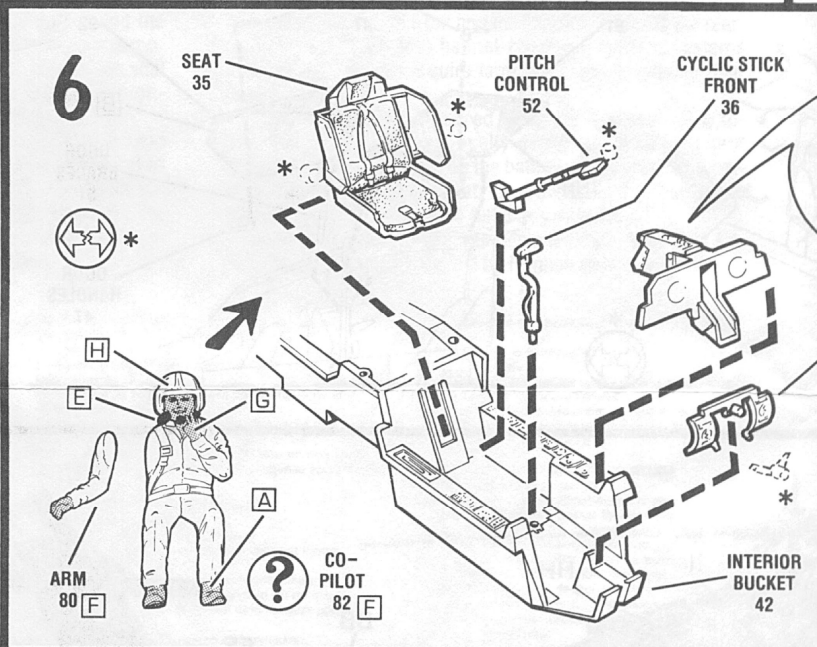
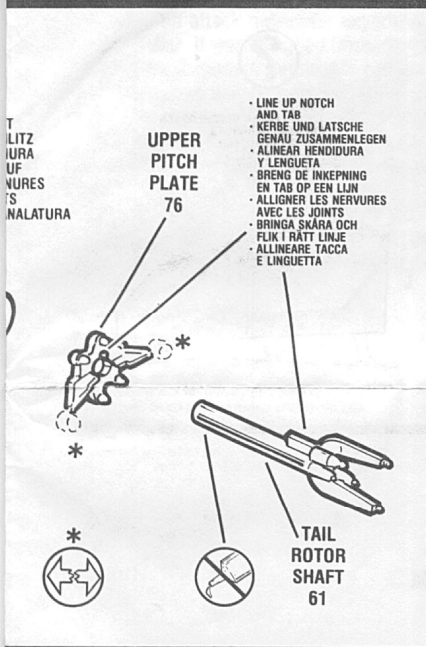
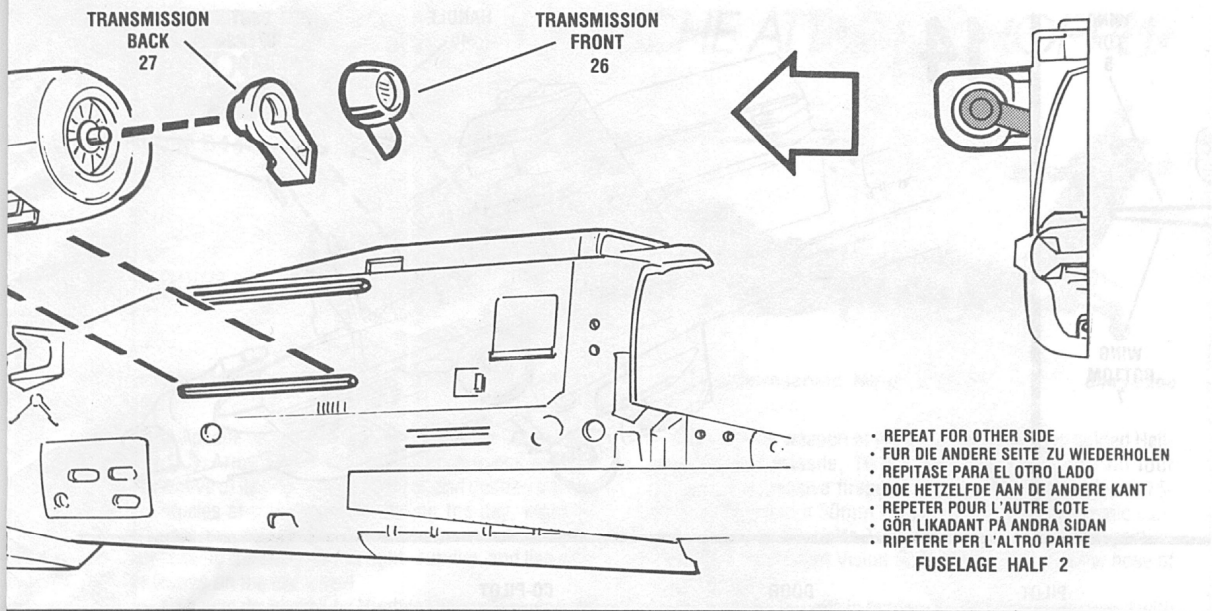
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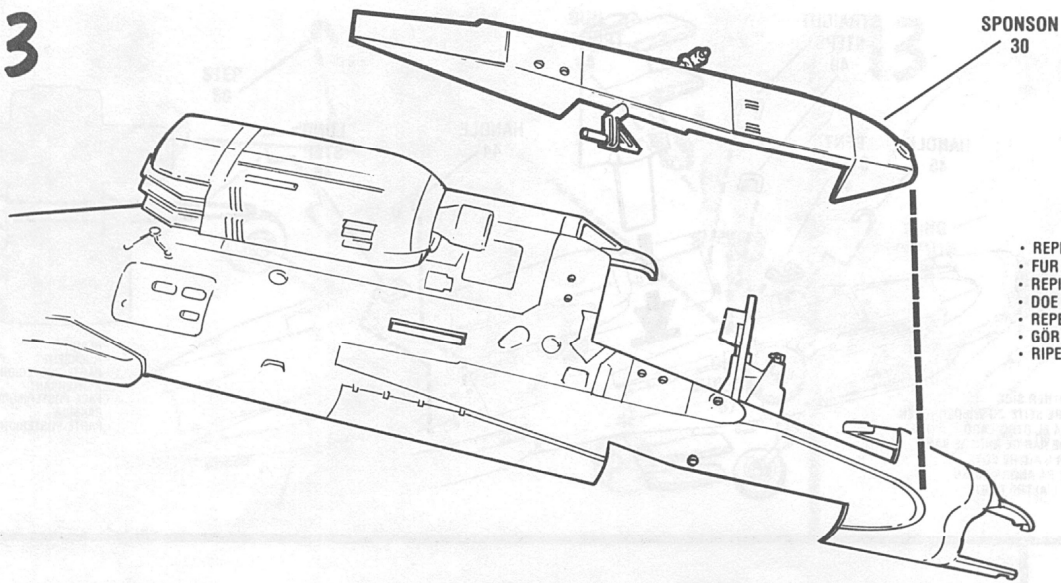
8



- TYPICAL ATTACHMENT
- TYPISCHE BEFESTIGUNG
- ACOPLAMIENTO TIPICO
- NORMALE BEVESTIGING
- FIXATION TYPE
- STANDARDFASTSÄTTNING
- TIPICO ATTACCO



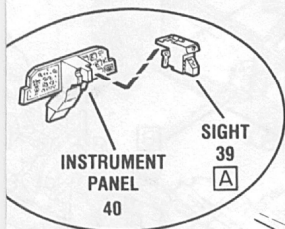
3



SPONSON
30

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

SPONSON
31

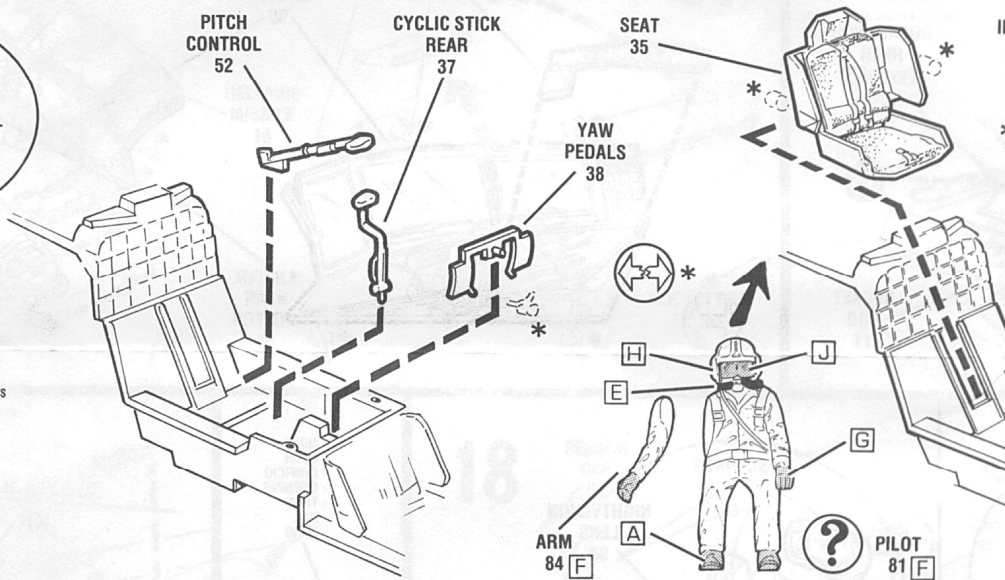
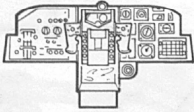


INSTRUMENT
PANEL
40

SIGHT
39
A

YAW
PEDALS
38

- SATIN BLACK - WHITE DIALS
- SATINSCHWÄRZ - WEISSE WÄHLSCHIBEN
- NEGRO SATINADO - CUADRANTES BLANCOS
- SATIJN ZWART - WITTE WILJZERPLATEN
- NOIR SATIN - CADRANS BLANCS
- BLANKSVART - VITA VISARTAVLOR
- NERO SATINATO - QUADRANTI BIANCHI



PITCH
CONTROL
52

CYCLIC STICK
REAR
37

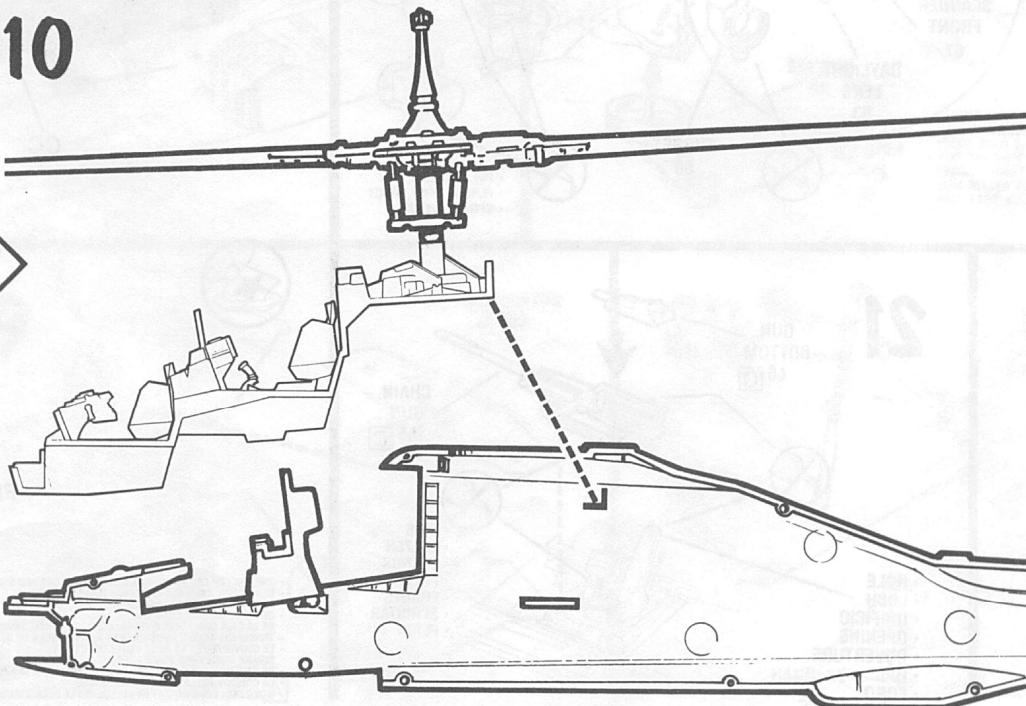
SEAT
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YAW
PEDALS
38

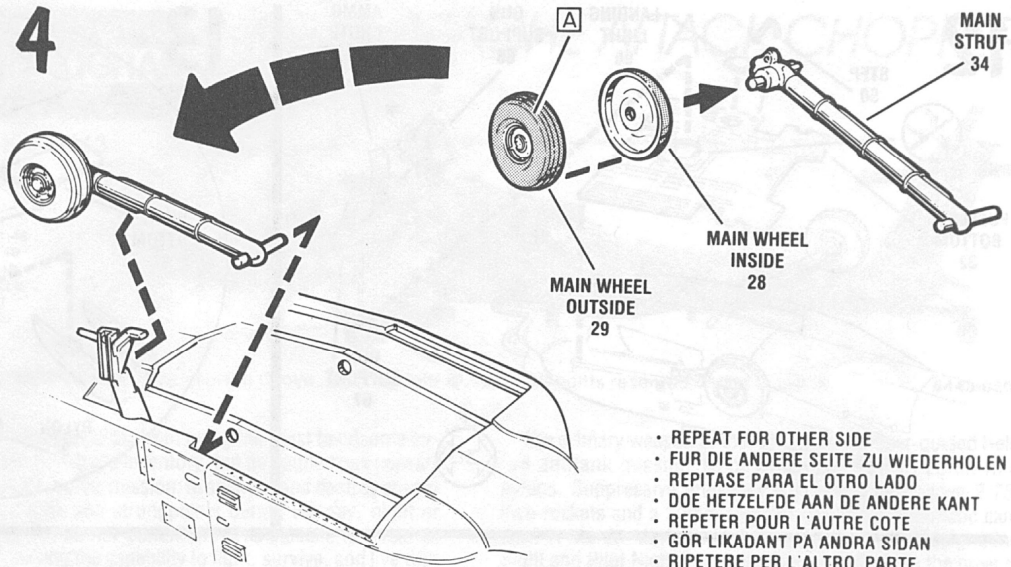
ARM
84
F

PILOT
81
F

10

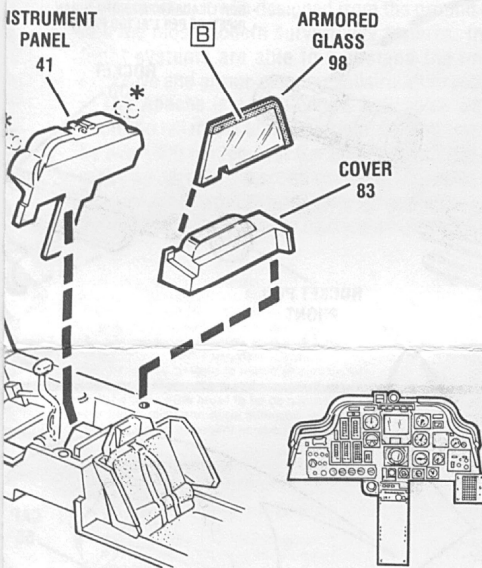


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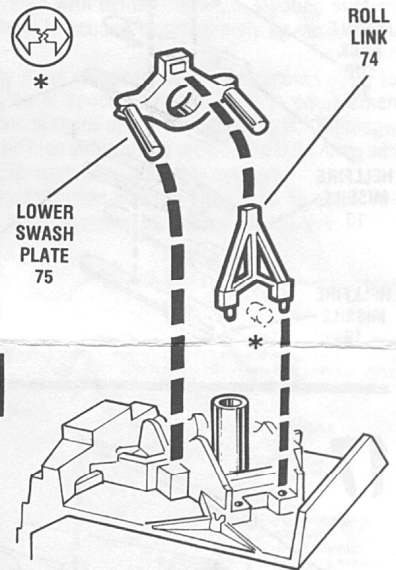


WIEDERHOLEN
AN DER ANDEREN
SEITE

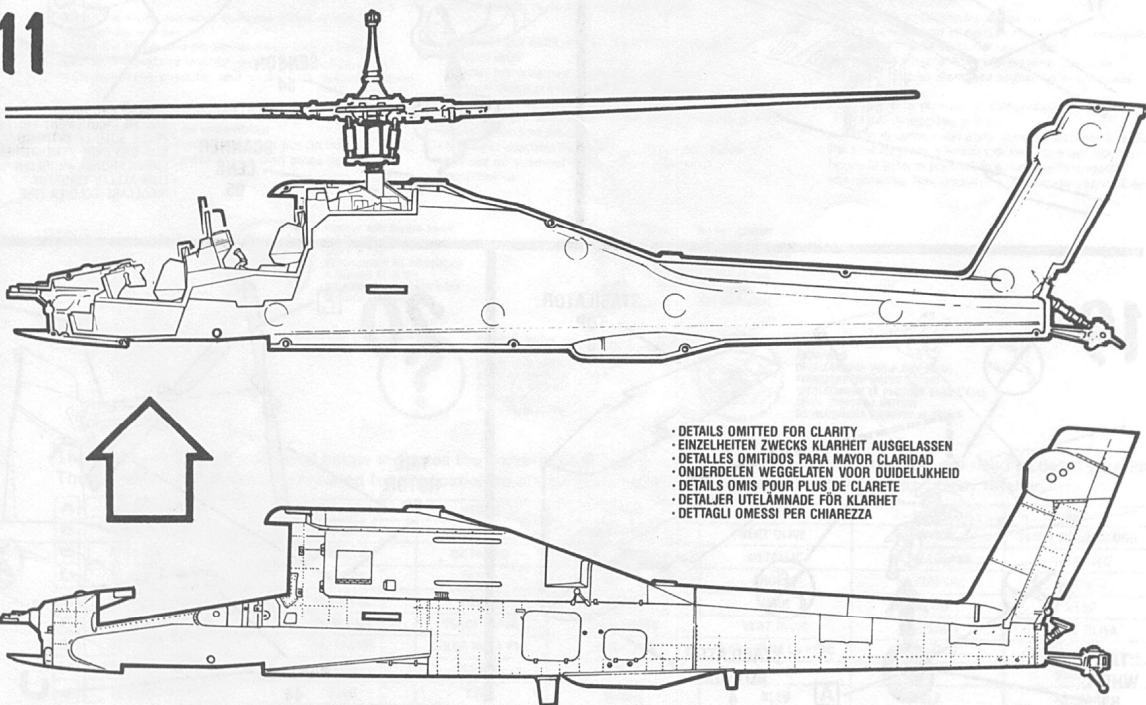
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- REPITASE PARA EL OTRO LADO
- DOE HETZELFDE AAN DE ANDERE KANT
- REPETER POUR L'AUTRE COTE
- GÖR LIKADANT PA ANDRA SIDAN
- RIPETERE PER L'ALTRO PARTE



- SATIN BLACK - WHITE DIALS
- SATINSCHWARZ - WEISSE WÄHLSCHEBEN
- NEGRO SATINADO - CUADRANTES BLANCOS
- SATIJN ZWART - WITTE WIJZERPLAATEN
- NOIR SATIN - CADRANS BLANCS
- BLANKSVART - VITA VISARTÄVLOR
- NERO SATINATO - QUADRANTI BIANCHI

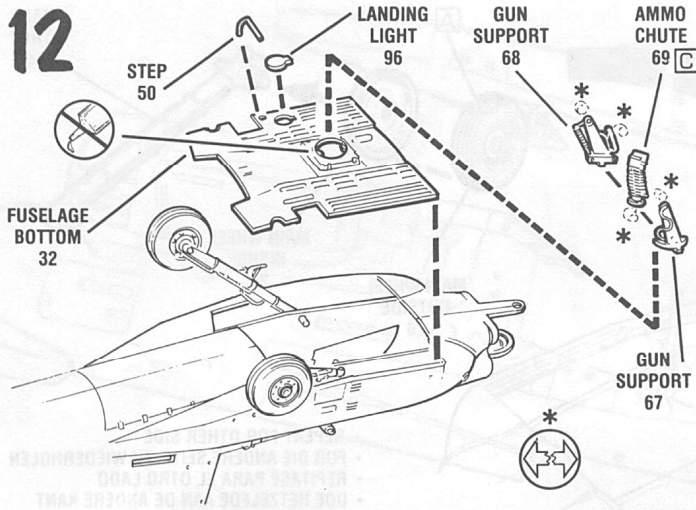


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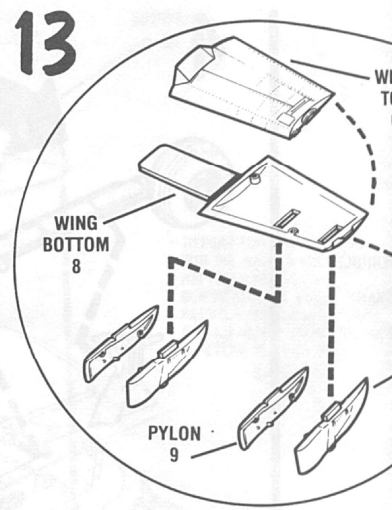


- DETAILS OMITTED FOR CLARITY
- EINZELHEITEN ZWECKS KLARHEIT AUSGELASSEN
- DETALLES OMITIDOS PARA MAYOR CLARIDAD
- ONDERDELEN WEGGELATEN VOOR DUIDELIJKHEID
- DETAILS OMIS POUR PLUS DE CLARETE
- DETALJER UTELÄMNÄDE FÖR KLARHET
- DETTAGLI OMESSI PER CHIAREZZA

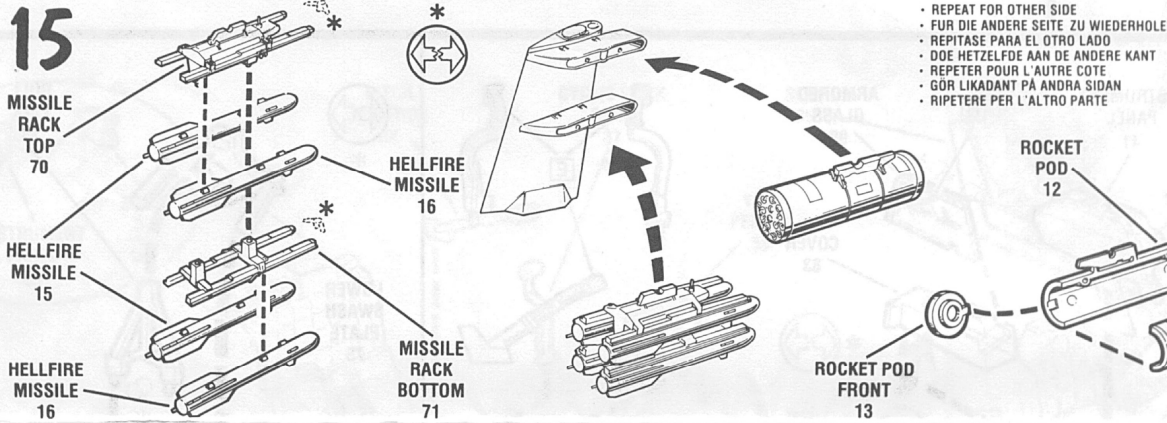
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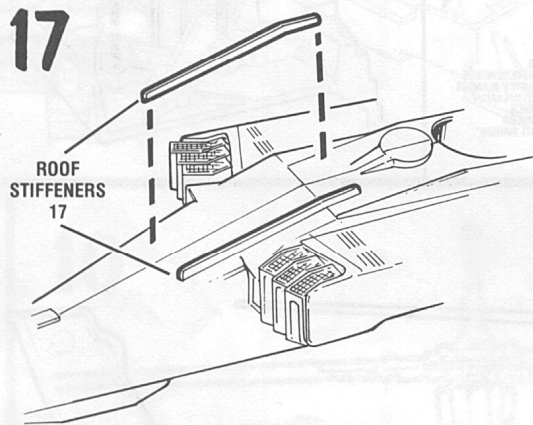
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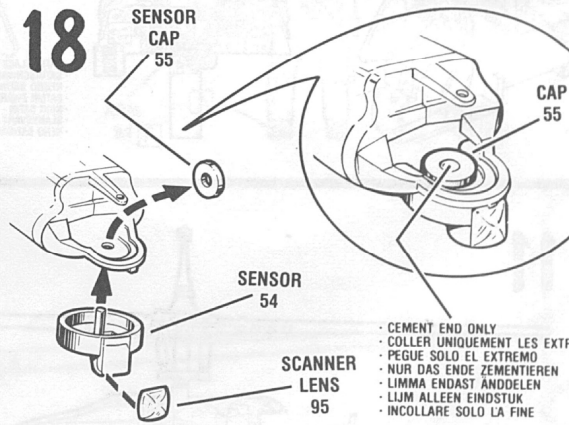
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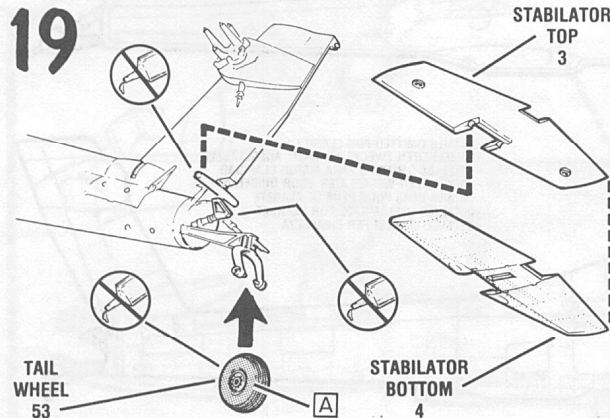
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18



19



20

