



# 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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85544310201

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 Revell 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.

## 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 Packung anschauen.
- Bemalte Teile vor der Weiterverwendung gut trocknen lassen.
- Die Farbe muss vor allen späteren Klebestellen abgeschabst 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.

## LEA ESTO ANTES DE EMPEZAR

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

- No use demasiado pegamento para unir las piezas.
- Use únicamente pegamento para plástico de poliestireno.
- El modelo puede pintarse de acuerdo con las fotografías de la caja.
- Permita 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, lávese las piezas plásticas en una solución de detergente suave. Enjuáguese y déjese secar al aire.

## 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 aangegeven op de doos.
- Laat de verf van de te verwerken delen steeds goed drogen.
- Verwijder de verf van te lijmen oppervlakken.
- Zodat de verf in etiketten beter zullen plakken, was de plasticke delen in een milde zeep-oplossing. Spoel en laat in de openlucht opdrogen.

## LISEZ CE QUI SUIT AVANT DE COMMENCER

### LE MONTAGE

- Etudiez les schémas 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.

- 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 adhesion possible de la peinture et des décalcomanies, lavez les pièces de plastique avec une légère solution savonneuse. Rincer et laisser sécher à l'air.

## 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 polystyrenplast.
- Modellerna kan malas enligt fotona på kartongerna.
- 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.



REMOVE AND THROW AWAY  
ENTFERNEN (ABFALL)  
QUITE Y TIRE  
VERWIJDEREN IN WEGDOEN  
À RETIRER ET JETER  
AVLAGNAS OCH MAKULERAS  
RIMOUÏV ED ELIMINA



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



OPTIONAL PARTS  
BAUTEILE NACH WAHL  
PIEZAS OPCIONALES  
KEUZE ONDERDELEN  
PIECES EN OPTION  
VALFRIA DELAR  
PARTI FACULTATIVE



DECAL (DIP IN WATER)  
ABZIEHBILD  
DECALCOMANIE (INCE CON ACQUA)  
THANKSGIFTS (IN WATER SOAKEN)  
DECALCOMANIE (A PUNTERI DAKO I EAU)  
DECAL (DOPPEL IN WATTER)  
DECALCOMANIE (IMMER IN ACQUA)

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

<b>A</b>	FLAT BLACK	GLANZLOSES SCHWARZ	NEGRO APAGADO	GLANZLOS ZWART	NOIR TERNE	WATTSWART	NERO OPACO
<b>B</b>	OLIVE DRAB	OLIVGRÜN	ACEITUNADO	OLIJFGROEN	VERT OLIVE	OLIVGRÜN	VERDE OLIVA SCURO
<b>C</b>	METALLIC	METALLIC	METALICO	METALLIEK	METALLIC	METALLGLANZ	METALLICO
<b>D</b>	SILVER	SILBERN	PLATA	ZILVER	ARGENT	SILVERFARG	ARGENTO
<b>E</b>	SATIN BLACK	HALBGLÄNZENDES SCHWARZ	NEGRO MATE	MAT ZWART	NOIR MAT	GRÄNSWART	NERO SEMIOPACO
<b>F</b>	GREEN	GRÜN	VERDE	GROEN	VERT	GRÜN	VERDE
<b>G</b>	SKIN COLOR	HAUTFARBE	COLOR DE LA PIEL	HUIDKLEUR	COULEUR DE LA PEAU	HUDFÄRGE	COLORE DELLA PELLE
<b>H</b>	SATIN WHITE	WEISS	BLANCO	WIT	BLANC	VIT	BIANCO
<b>J</b>	BLUE	BLAU	AZUL	BLAUW	BLEU	BLA	BLU

**1**

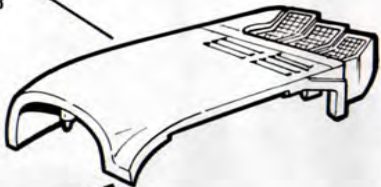
**ENGINE POD**

**TOP**

**18**

**ENGINE**  
**FRONT**

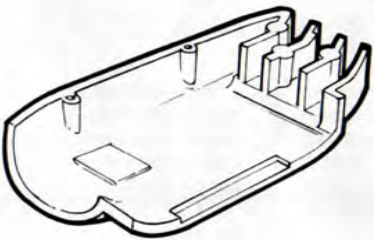
**23**



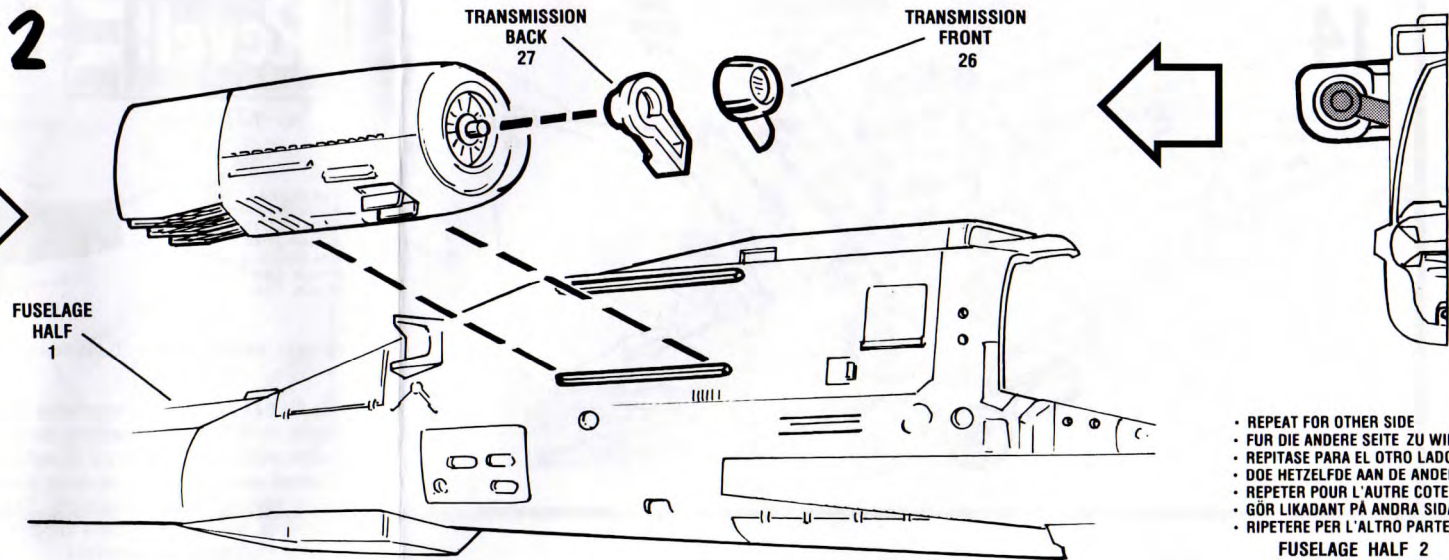
**ENGINE POD**

**BOTTOM**

**21**



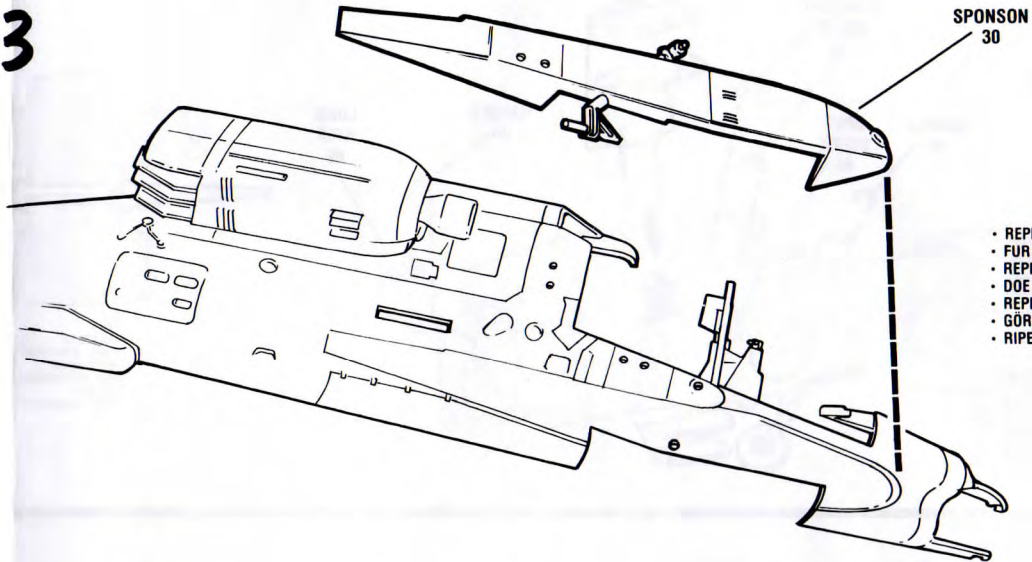
2



- 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'ALTRO PARTE
- FUSELAGE HALF 2



3

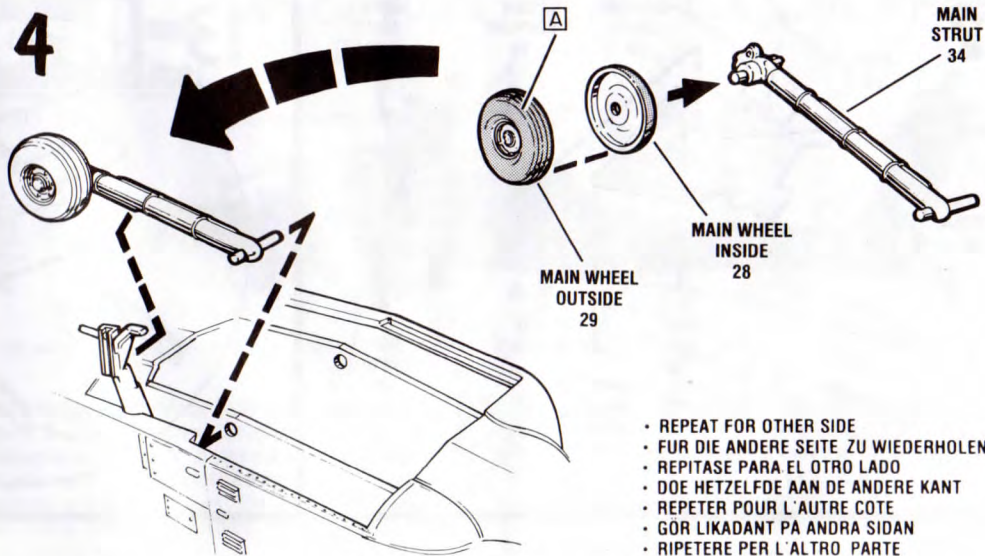


SPONSON  
30

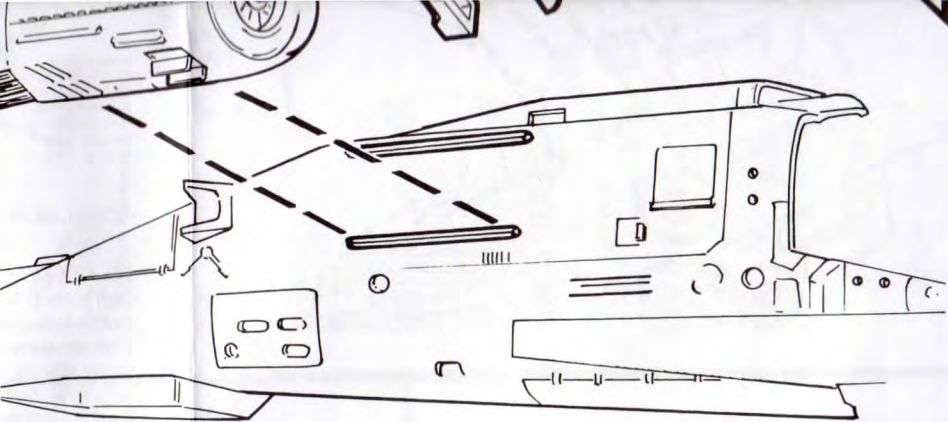
- REPEAT FOR OTHER SIDE
- FÜR DIE ANDERE SEITE ZU WIEDERHOLEN
- REPITASE PARA EL OTRO LADO
- DOE HETZELFDE AAN DE ANDERE KANT
- REPETER POUR L'AUTRE COTE
- GÖR LIKADANT PÅ ANDRA SIDAN
- RIPETERE PER L'ALTRO PARTE

SPONSON  
31

4



- 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 PA ANDRA SIDAN
- RIPETERE PER L'ALTRO PARTE



- REPEAT FOR
  - FÜR DIE AN
  - REPITASE PA
  - DOE HETZEL
  - REPETER PO
  - GÖR LIKADA
  - RIPETERE P
- FUSEL



- SLOT
- SCHLITZ
- RANURA
- GLEUF
- RAINURES
- SLITS

**UPPER  
PITCH  
PLATE**  
76

- LINE UP NOTCH  
AND TAB
- KERBE UND LATSCH  
GENAU ZUSAMMENLEGEN
- ALINEAR HENDIDURA  
Y LENGUETA
- BRENG DE INKEPNING  
EN TAB OP EEN LIJN
- ALLIGNER LES NERVURES

**6**

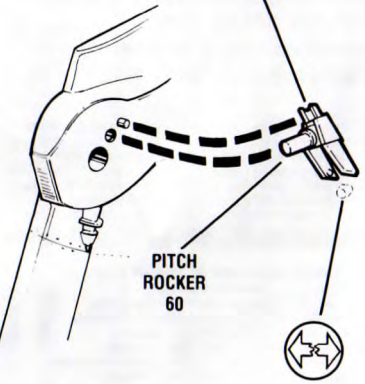
SEAT  
35



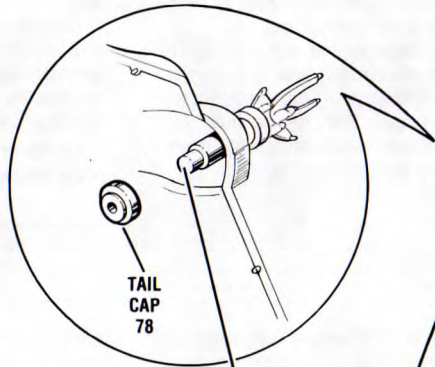
PIT  
CONT  
5

5

- NOTCH
- KERBE
- HENDIDURA
- INKEPNING
- RAINURE
- SKÅRA
- TACCA

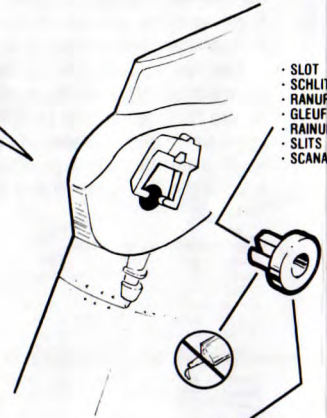


PITCH  
ROCKER  
60



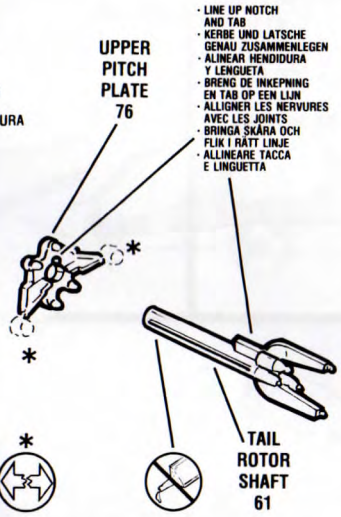
TAIL  
CAP  
78

- 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



LOWER  
PITCH  
PLATE  
77

- SLOT
- SCHLITZ
- RANURA
- GLEUF
- RAINURES
- SLITS
- SCANALATURA



UPPER  
PITCH  
PLATE  
76

TAIL  
ROTOR  
SHAFT  
61

- LINE UP NOTCH AND TAB
- KERBE UND LATSCH E GENAU ZUSAMMENLEGEN
- ALINEAR HENDIDURA Y LENGUETA
- BRING DE INKEPNING EN TAB OP EEN LIJN
- ALLIGNER LES NERVURES AVEC LES JOINTS
- BRINGA SKÅRA OCH FLIK I RÄTT LINJE
- ALLINEARE TACCA E LINGUETTA

# 6

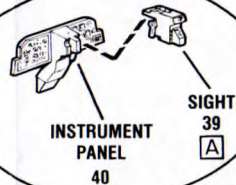
SEAT  
35



PITCH CONTROL  
52



CYCLIC STICK  
FRONT  
36



INSTRUMENT  
PANEL  
40

SIGHT  
39  
[A]

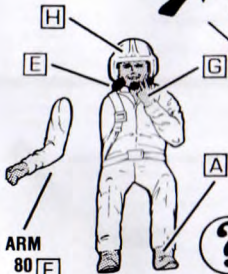
YAW  
PEDALS  
38



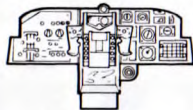
INTERIOR  
BUCKET  
42

CO-PILOT  
82  
[F]

ARM  
80  
[F]



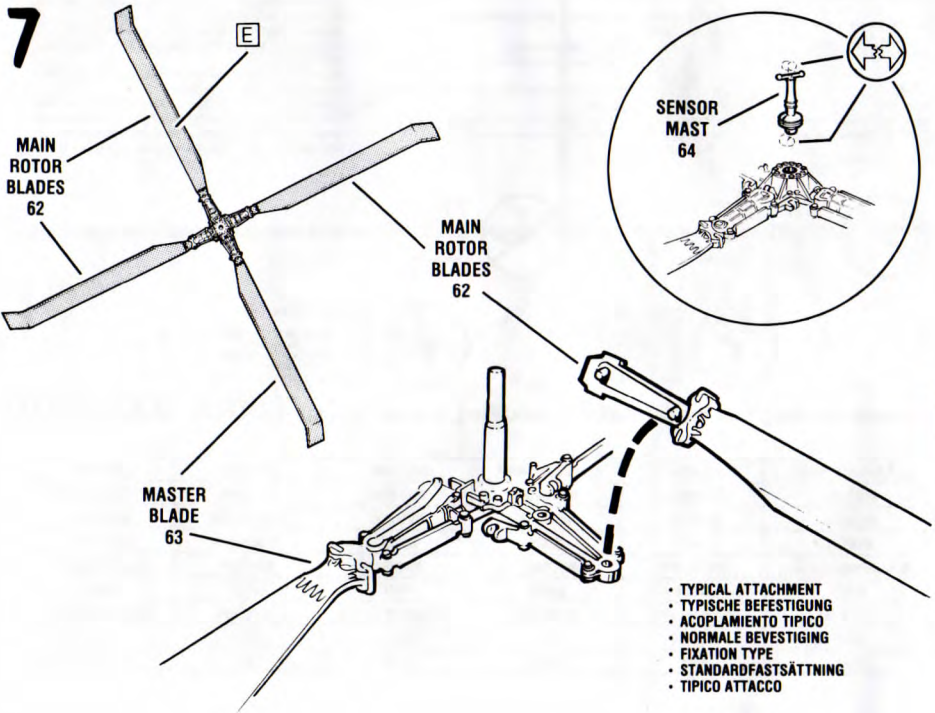
- SATIN BLACK - WHITE DIALS
- SATINSCHWARZ - WEISSE WAHLSCHEBEN
- NEGRO SATINADO - CUADRANTES BLANCOS
- SATIJN ZWART - WITTE WIJZERPLAATEN
- NOIR SATIN - CADRANS BLANCS
- BLANKSVART - VITA VISARTAVLOR
- NERO SATINATO - QUADRANTI BIANCHI







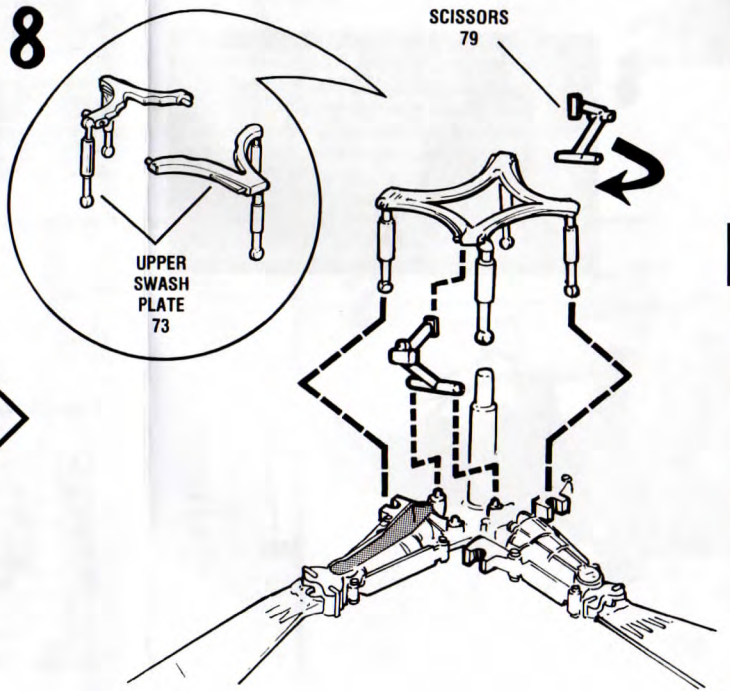
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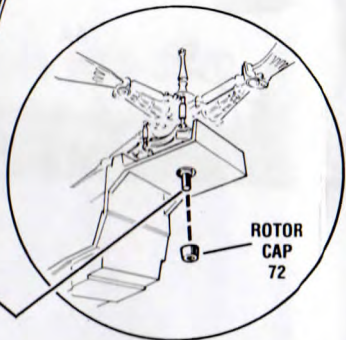
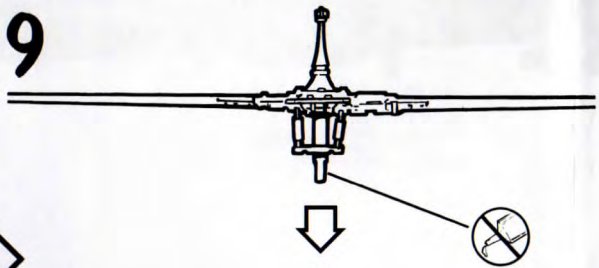
- TYPICAL ATTACHMENT
- TYPISCHE BEFESTIGUNG
- ACOPLAMIENTO TIPICO
- NORMALE BEVESTIGING
- FIXATION TYPE
- STANDARDFASTSÄTTNING
- TIPICO ATTACCO



8

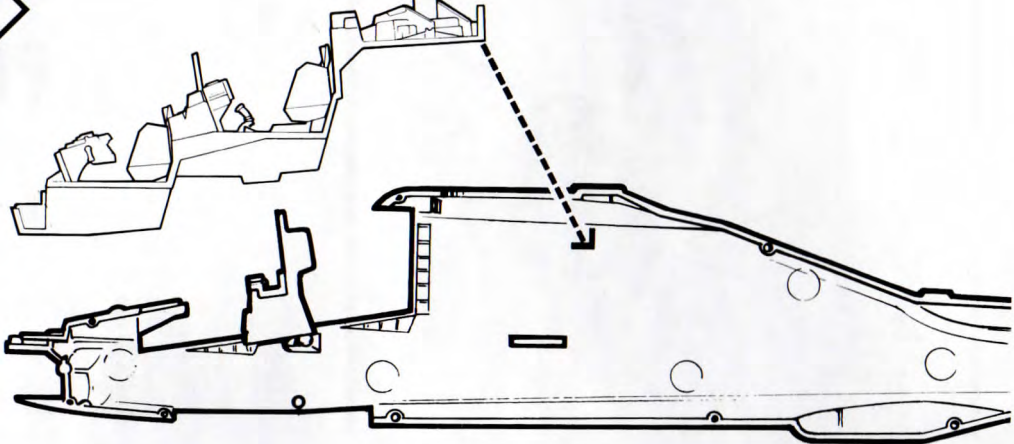
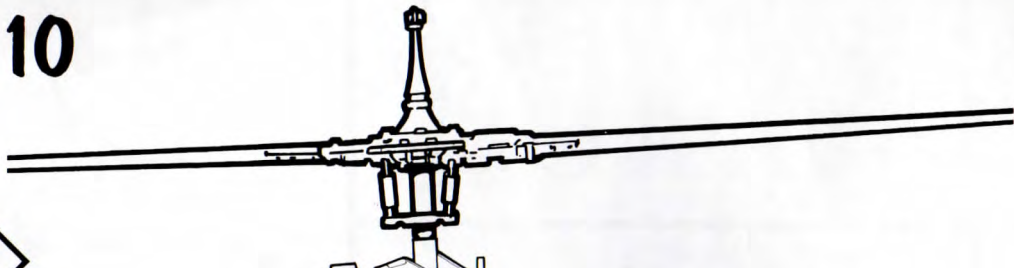


# 9



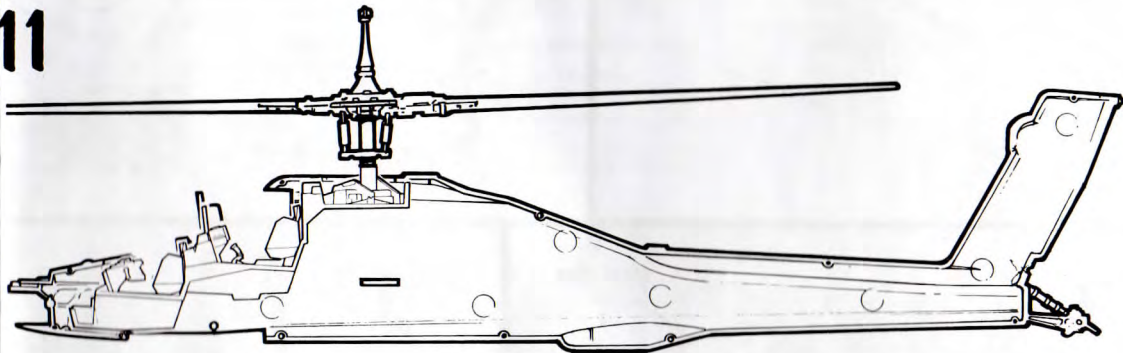
- APPLY CEMENT HERE ONLY
- KLEBSTOFF IST NUR HIER AUFZUTRAGEN
- APLIQUE PEGAMENTO SOLAMENTE AQUI
- HIER ENKEL MAAR LIJM OP DOEN
- APPLIQUER LA COLLE ICI SEULEMENT
- SATT ENDAST PÅ LIM HÄR
- APPLICARE L'ADESIVO SOLO QUI

# 10

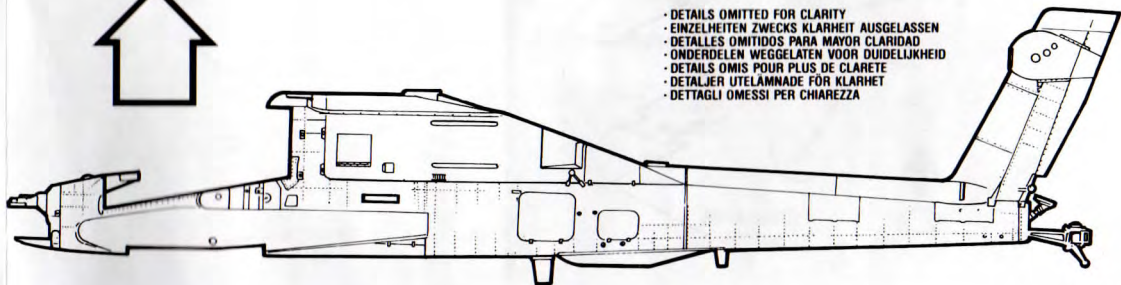




# 11

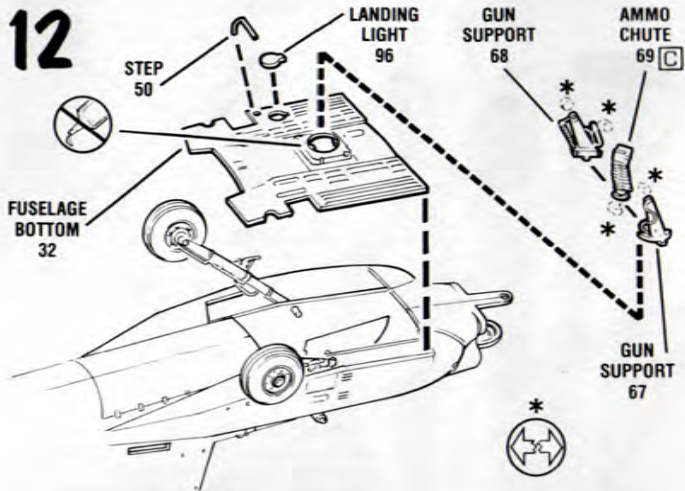


- DETAILS OMITTED FOR CLARITY
- EINZELHEITEN ZWECKS KLARHEIT AUSGELASSEN
- DETALLES OMITIDOS PARA MAYOR CLARIDAD
- ONDERDELEN WEGGELATEN VOOR DUIDELIJKHEID
- DETAILS OMIS POUR PLUS DE CLARETE
- DETALJER UTELAMNADE FÖR KLARHET
- DETTAGLI OMESSI PER CHIAREZZA

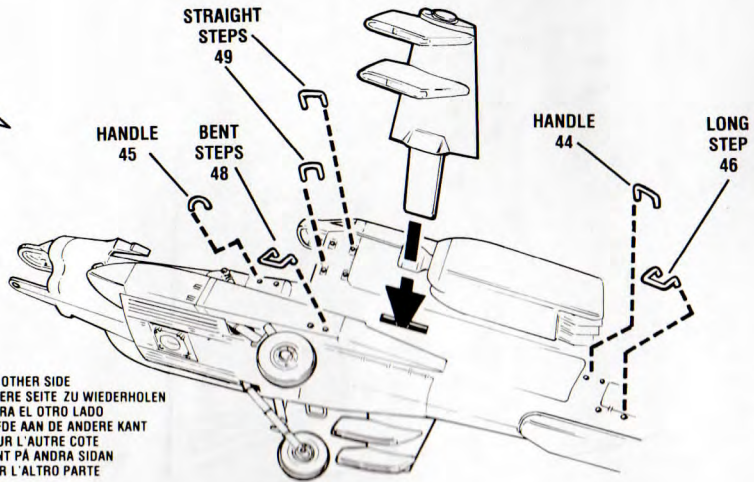
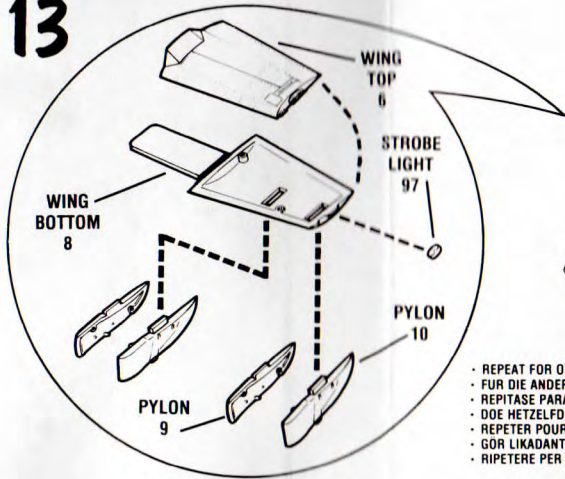




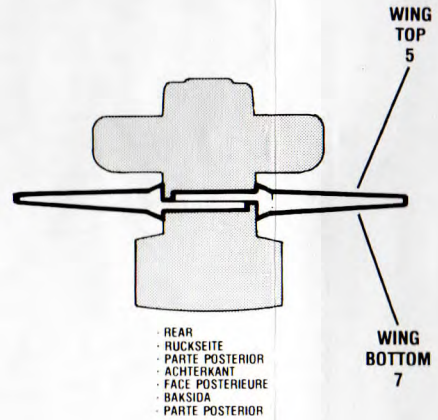
# 12



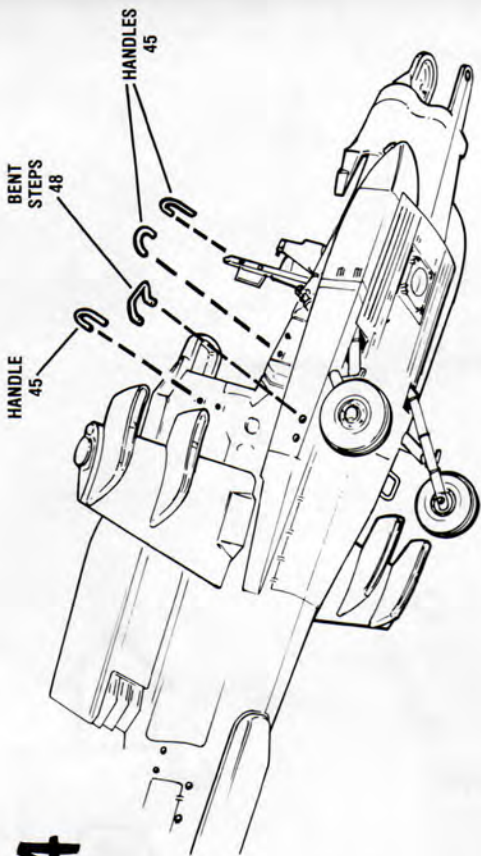
# 13



- 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'ALTRO PARTE



- REAR
- RUCKSEITE
- PARTE POSTERIOR
- ACHTERKANT
- FACE POSTERIEURE
- BAKSIDA
- PARTE POSTERIOR



# 15

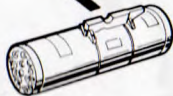
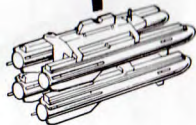
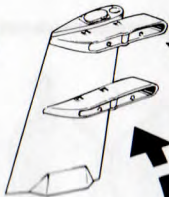
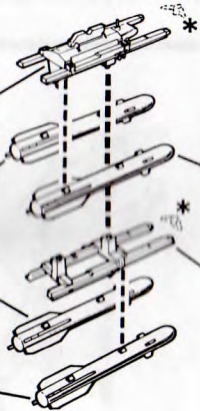
MISSILE RACK TOP 70

HELLFIRE MISSILE 15

HELLFIRE MISSILE 16

HELLFIRE MISSILE 16

MISSILE RACK BOTTOM 71



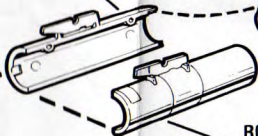
ROCKET POD FRONT 13

ROCKET POD 12

ROCKET POD REAR 14

ROCKET POD 11

- 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'ALTRO PARTE

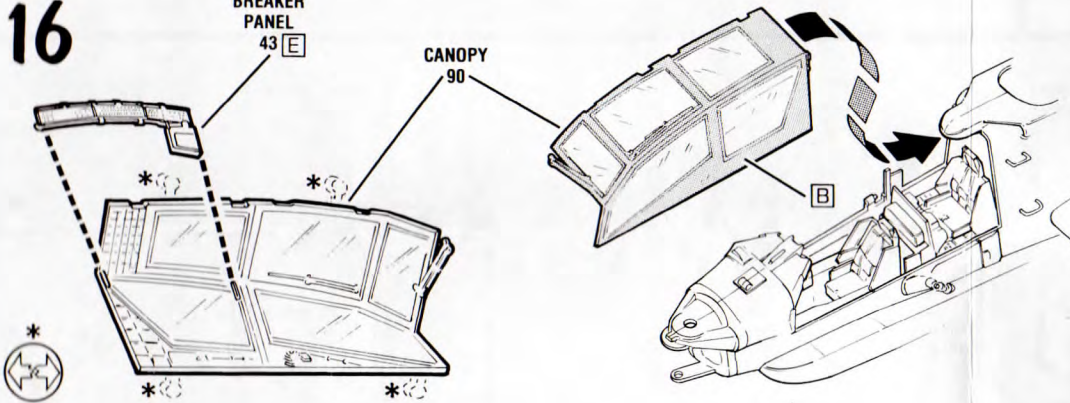




# 16

BREAKER  
PANEL  
43 E

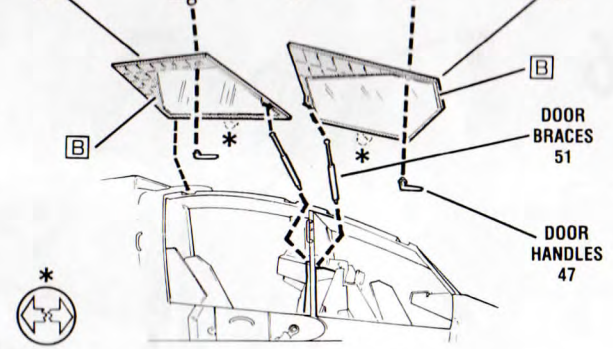
CANOPY  
90



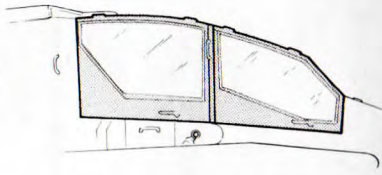
PILOT  
DOOR  
91

DOOR  
HANDLES  
47

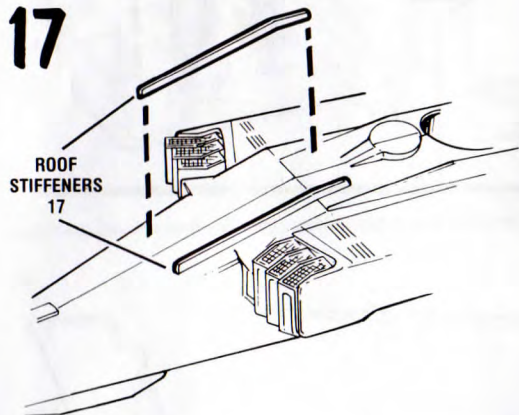
CO-PILOT  
DOOR  
92



- DOORS CLOSED
- TÜRKLAPPEN GESCHLOSSEN
- PUERTAS CERRADAS
- DEUREN GESLOTEN
- PORTES FERMÉES
- STANGDA DÖRRAR
- PORTE CHIUSE

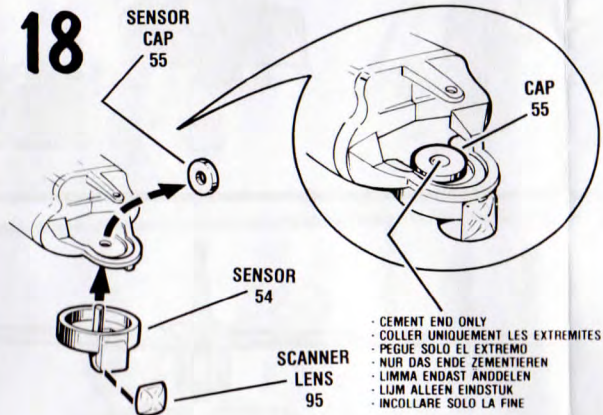


# 17



ROOF  
STIFFENERS  
17

# 18



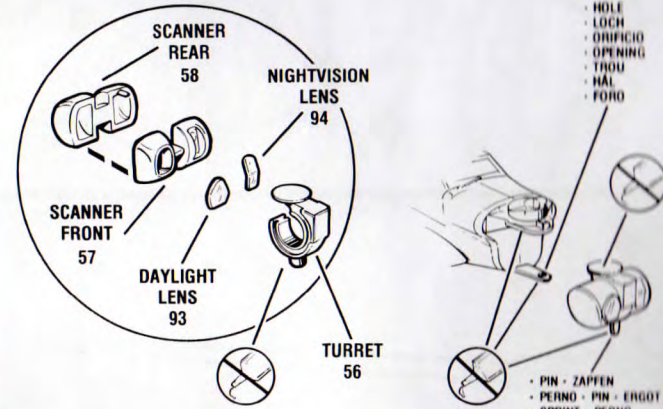
SENSOR  
CAP  
55

CAP  
55

SENSOR  
54

SCANNER  
LENS  
95

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



SCANNER  
REAR  
58

NIGHTVISION  
LENS  
94

SCANNER  
FRONT  
57

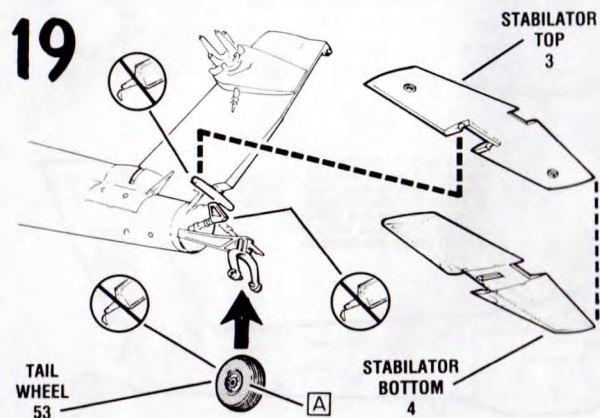
DAYLIGHT  
LENS  
93

TURRET  
56

• HOLE  
• LOCH  
• ORIFICIO  
• OPENING  
• TROU  
• HAL  
• FORO

• PIN - ZAPPEN  
• PERNO - PIN - ERGOT  
• SPRINT - PERNO

# 19

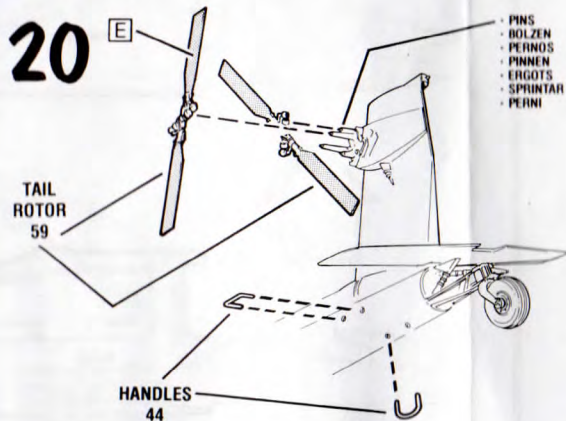


STABILATOR  
TOP  
3

STABILATOR  
BOTTOM  
4

TAIL  
WHEEL  
53

# 20

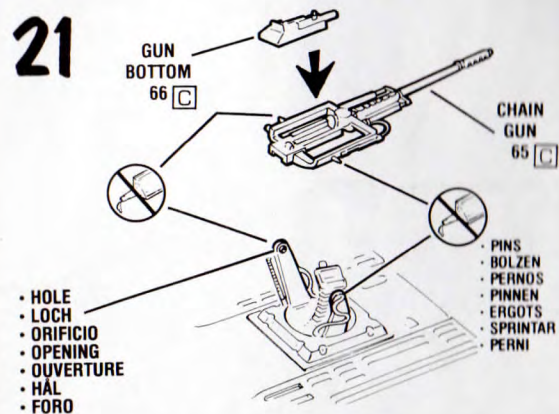


TAIL  
ROTOR  
59

HANDLES  
44

• PINS  
• BOLZEN  
• PERNOS  
• PINNEN  
• ERGOTS  
• SPRINTAR  
• PERNI

# 21



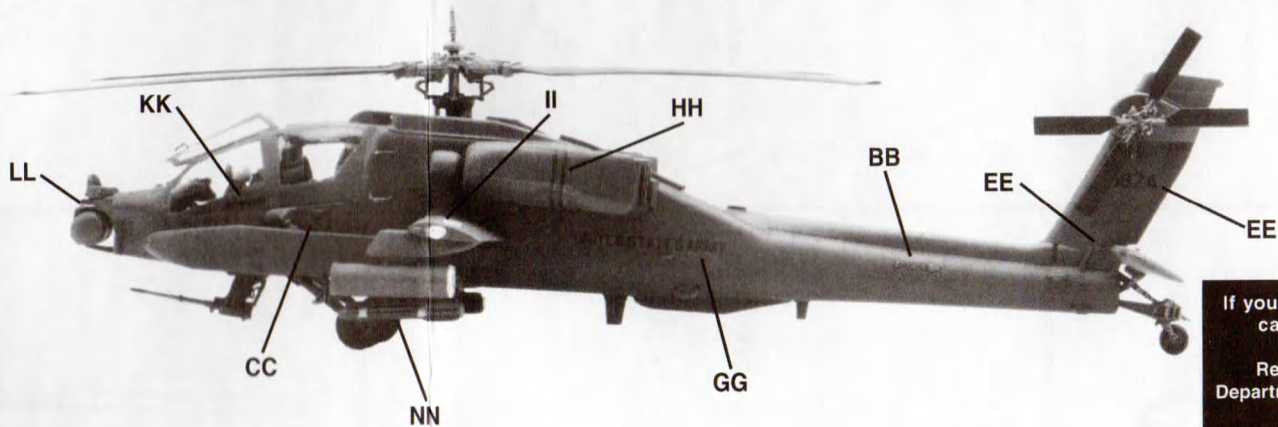
GUN  
BOTTOM  
66

CHAIN  
GUN  
65

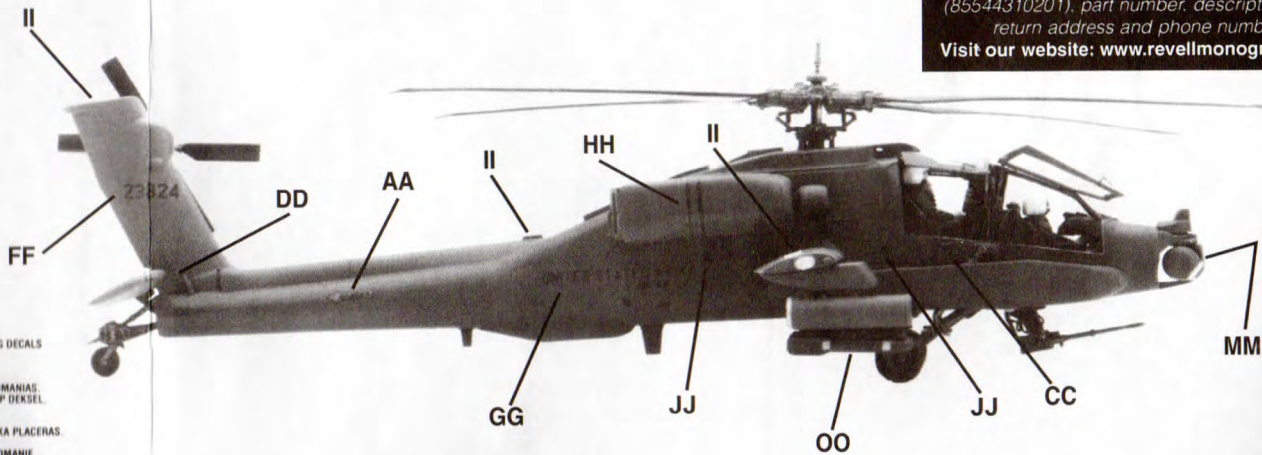
• HOLE  
• LOCH  
• ORIFICIO  
• OPENING  
• OUVERTURE  
• HAL  
• FORO

• PINS  
• BOLZEN  
• PERNOS  
• PINNEN  
• ERGOTS  
• SPRINTAR  
• PERNI





If you have any questions or comments,  
 call our hotline at: (800) 833-3570  
 or, please write to:  
 Revell-Monogram Consumer Service  
 Department, 725 Landwehr Road, Northbrook,  
 Illinois 60062  
*Be sure to include the plan number  
 (85544310201), part number, description, your  
 return address and phone number.*  
 Visit our website: [www.revellmonogram.com](http://www.revellmonogram.com)



- THE BOX TOP CAN BE USED AS A GUIDE FOR LOCATING DECALS
- DER DECKEL KANN ALS RICHTLINIE ZUM ANBRINGEN DER ABBILDUNGEN VERWENDET WERDEN.
- SE PUEDE USAR LA CUBIERTA DE LA CAJA COMO GUIA PARA COLOCAR LAS DECALCOMANIAS.
- TRANSFERS AANBRENGEN VOLGENS AFBEELDINGEN OP DEKSEL.
- LE COUVERCLE DE LA BOITE PEUT ETRE UTILISE COMME GUIDE POUR PLACER LES DECALCOMANIES.
- PA KARTONDECKELT KAN MAN SE HURI DEKALERNA SRA PLACERAS.
- LA COPERTA DELLA SCATOLA PUO ESSERE UTILIZZATA COME GUIDA PER COLLOCARE LE DECALCOMANIE.