

4718-3800

The world's first vertical take-off fighter to be used in combat is Britain's remarkable Harrier. A navalized version of the Harrier GR-1 first engaged an enemy warplane during the Falkland Islands dispute early in 1982. The Harrier's unique ability to rise vertically from the ground, or even in mid-flight, gives this fighting machine a great advantage in a conventional dog-fight.

The secret of the Harrier's unexcelled maneuverability rests in the construction of its powerplant. Instead of a single tail-pipe directing the engine thrust straight back, the Harrier's engine uses four swiveling outlets on the fuselage side. The two forward nozzles deflect cold air from the huge compressor fan, while the two rear nozzles discharge the hot jet exhaust. The positions of these four nozzles determine the direction the Harrier will fly. Careful use of the throttle by the pilot can increase or decrease the thrust to equal the weight of the plane. When the thrust equals the weight, the Harrier can stand still in the air!

Under zero-air-speed, or very slow flight conditions, the Harrier uses small jet-like thrusters in the wingtips, nose and tail for control. In normal flight, conventional control surfaces are used. As a conventional fighter, the Harrier's performance is comparable to contemporary subsonic fighters and is able to exceed Mach 1.3 in a dive.

The Harrier's design was created by Sir Sidney Camm, whose famed Hurricane was a stalwart of World War II. The prototype, called Kestrel, first flew on October 21, 1960. Today, the type is in service with the U.S. Marines and the Spanish Navy, as well as the British Royal Air Force and Navy. This Revell model has markings for an RAF Harrier GR-1 of No. 3 squadron and an AV-8A from the U.S. Marines VMA-231.

### SPECIFICATIONS:

**WINGSPAN:** ..... 25 feet 3 inches  
**LENGTH:** ..... 45 feet 6 inches  
**HEIGHT:** ..... 11 feet 4 inches  
**POWERPLANT:** ..... one Rolls-Royce Pegasus 103 vectored-thrust turbofan of 21,500 lbs. thrust  
**PERFORMANCE:** ..... maximum speed 740 mph plus in level flight; Mach 1.3 in a dive  
**SERVICE CEILING:** ..... 55,000 feet  
**ARMAMENT:** ..... 8,000 lbs. of external stores (rocket pods, bombs, cannon or Sidewinder AIM missiles)

**ENGLISH:** ASSEMBLY DRAWINGS SHOULD BE REVIEWED BEFORE PROCEEDING WITH CONSTRUCTION. A NUMBER IDENTIFIES EACH PLASTIC PART FOR YOUR CONVENIENCE. PAINT SMALL PARTS ON RUNNER BEFORE REMOVING. ALLOW PAINT TO DRY THOROUGHLY BEFORE CONTINUING ASSEMBLY OF KIT. SCRAPE CHROME OR PAINT AT AREA TO BE GLUED. WASH PLASTIC IN MILD DETERGENT SOLUTION. RINSE AND LET AIR DRY FOR BETTER PAINT AND DECAL ADHESION.

**DEUTSCH:** VOR DEM ZUSAMMENBAU DIE BAUANLEITUNG GUT DURCHLESEN. JEDES TEIL IST NUMMERIERT. KLEINE TEILE ANSTREICHEN BEVOR SIE VOM RAHMEN ENTFERNT WERDEN. FARBEN GUT TROCKNEN, ERST DANN MIT DER ZUSAMMENSTELLUNG FORTSETZEN. CHROM UND FARBE AN DEN KLEBEFLÄCHEN ENTFERNEN. PLASTIKTEILE IN EINER MILDEN WASCHMITTELLOESUNG REINIGEN UND AN DER LUFT TROCKNEN. DAMIT FARBE UND ABZIEHBILDER BESSER HAFTEN.

**FRANCAIS:** EXAMINER LES SCHEMAS D'ASSEMBLAGE AVANT DE COMMENCER LA CONSTRUCTION. UN NUMERO IDENTIFIE CHAQUE PIECE DE PLASTIQUE POUR PLUS DE FACILITE. PEINDRE LES PETITES PEICES SUR LE SUPPORT AVANT DE LES ENLEVER. LAISSER LA PEINTURE SECHER COMPLETEMENT AVANT DE CONTINUER L'ASSEMBLAGE DU KIT. GRATTER LE CHROME OU LA PEINTURE SUR LES SURFACE A COLLER. LAVER LE PLASTIQUE DANS UNE SOLUTION DE DETERGENT LEGERE, RINCER ET LAISSER SECHER A L'AIR POUR UNE MEILLEURE ADHERENCE DE LA PEINTURE ET DES DECALS.

**NEDERLANDS:** BESTUDEER DE MONTAGE TEKENINGEN, VOORDAT U MET BOUWEN BEGINT. VOOR UW GEMAK, IDENTIFICEERT EEN NUMMER ELK PLASTIC DEEL. VERF KLEINE DEELTJES OP KIBOOM VOORDAT U ZE VERWYDERD. LAAT VERF GRONDIG DROGEN VOORDAT U DE MONTAGE VAN HET MODEL VOORTZET. SCHRAP CHROOM OF VERF VAN HET GEDEELTE DAT GELYMD WORDT. WAS PLASTIC MET EEN ZACHTE ZEEP, SPOEL AF, EN LAAT IN LUCHT DROGEN, ZODAT VERF EN DECAL BETER PLAKKEN.

**SVENSKA:** IHOPSATTNINGSSKISSEN BOR GRANSKAS INNAN IGANGSATTANDE AV BYGGANDET. ETT NUMMER IDENTIFIKERAS VARJE PLASTDEL FOR DIN EGEN BEKVAMLIGH ET. MALA DE SMA BITARNA DIREKT PA FARAN INNAN DE TAS BORT. LAT FARGEN TORKA GRUNDLIGT INNAN FORTSATT BYGGANDE. SKRAP AV KROMEN ELLER MALA PA DELARNA SOM SKALL KLISTRAS. TVATTA PLASTEN I MILD TVATTMEDELLOSNING, SKOJ OCH LUFTTORKA FOR BATTRE FASTANDE AV FARG OCH DEKALER.

**ESPAÑOL:** DIBUJOS DE ENSAMBLAJE DEBEN SER REPASADOS ANTES DE SEGUIR CON LA CONSTRUCCION. UN NUMERO IDENTIFICA CADA PARTE DEL PLASTICO PARA SU CONVENIENCIA. PINTE PARTES PEQUENAS DEL KIT ANTES DE QUITARLAS. DEJE SECAR BIEN LA PINTURA ANTES DE SEGUIR EL ENSAMBLAJE. RASPE EL CROMO O LA PINTURA DEL SITIO ANTES DE SER PEGADO. LAVE EL PLASTICO EN UNA SOLUCION SUAVE DETERGENTE, ENJUAGUE, Y DEJE SECAR EN EL AIRE PARA MEJOR ADHESION DE LA PINTURA Y CALCOMANIA.

**ITALIANO:** I DISEGNI DELL'ASSEMBLAGGIO DOVREBBERO ESSERE RICONTROLLATI PRIMA DI INIZIARE IL MONTAGGIO. OGNI PEZZO E IDENTIFICATO DA UN NUMERO PER VOSTRA MAGGIORE COMODITA. VERNICIARE LE PARTI PICCOLE SULLA GUIDA DI SCORRIMENTO PRIMA DE TOGLIERLE. LASCIAR ASCUIGARE LA VERNICE PRIMA DI CONTINUARE IL MONTAGGIO. RASCHIAR LA PITTURA O IL CROMO DALLE PARTI CHE DEVONO ESSERE INCOLLATE. LAVARE I PEZZI DI PLASTICA CON UN DETERGENTE NON TROPPO FORTE, SCIACQUARE E LASCIAR ASCIUGARE AFFINCHÉ VERNICE E DECALCOMANIE ADERISCANO MEGLIO.



GLUE  
KLEBER  
COLLE  
LIJM  
KLISTER  
PEGA  
COLLA



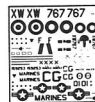
NO GLUE REQUIRED  
KEIN KLEBER NOTWENDIG  
LA COLLE N'EST PAS NECESSAIRE  
GEEN LIJM NODIG  
INGET KLISTER BEHOVS  
NO NECESITA PEGA  
NON C'E BISOGNO DI COLLA



DO IT THIS MANY TIMES  
ANZAH DER ARBEITSGAENGE  
LE FAIRE CE NOMBRE DE FOIS  
DOE HET ZOVEEL KEER  
GJOR DET SA MANGA GANGER  
FATELO TUTTE QUESTA VOLTE  
HAGALO ESTA CANTIDAD DE VECES



OPTIONAL  
WAHLWEISE  
FACULTATIF  
NAAR KEUZE  
VALFRI  
FACOLTATIVO  
OPCIONAL



APPLY DECALS  
ABZIEHBILDER ANBRINGEN  
COLLER LES DECALCOMANIES  
BRENG PLAKPLAATJES AAN  
SATT PA DEKALERNA  
APPLICARE LE DECALOMANIE (ADESIVI)  
APLICAR CALCAS

SHOWN ASSEMBLED  
ABBILDUNG DES ZUSAMMEN GEBAUTEN MODELLS  
VU ASSEMBLE  
GEMOENTEERD GETOOND  
VISAD IHOPSATTNING  
MOSTRADO ARMADO  
ILLUSTRAZIONE DEL PEZZO MONTATO

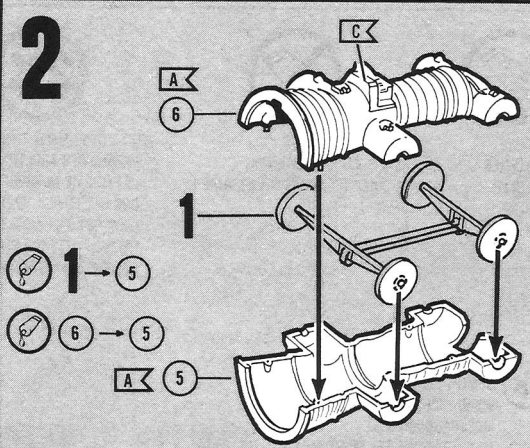
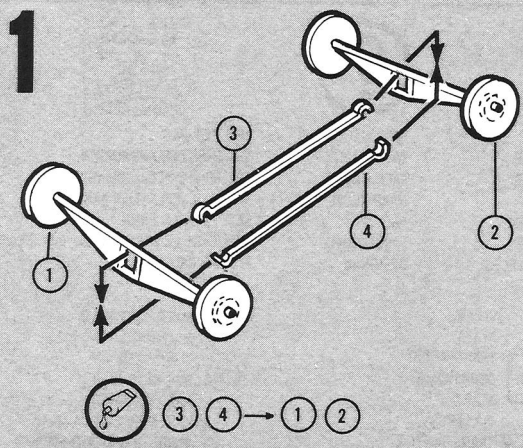
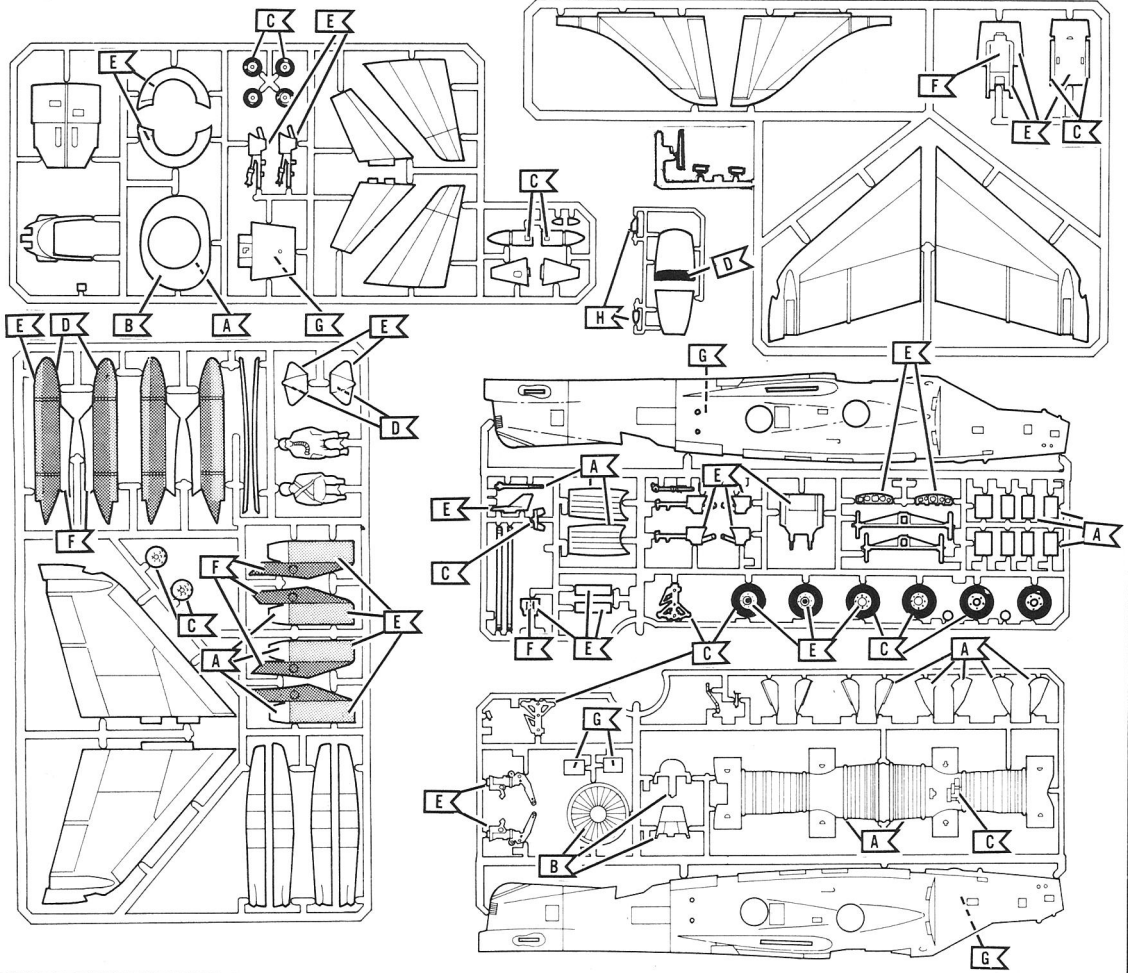


CLEAR  
KLAR  
TRANSPARENT  
DOORZICHTIG  
KLART  
VIA LEBERA  
TRANSPARENTE

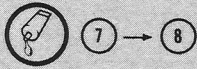
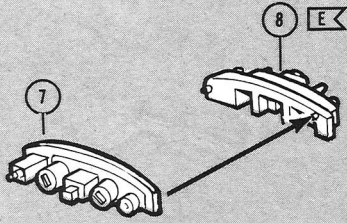


MATT NATO OLIVE  
MATT NATO-OLIV  
OLIVE NATO MAT  
MAT NATO OLJF  
NATO OLIVGRON  
MATE VERDE OLIVA MATE  
VERDE OLIVA NATO SMORTO

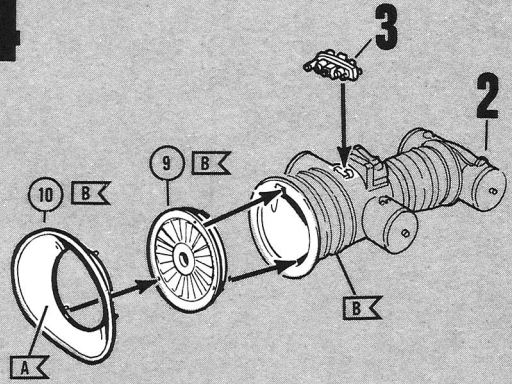
<b>A</b>	GRAY METALLIC	GRAU METALLISCH	GRIS METALLISE	METAAL-GRUIS	GRAMETALLIK	GRIS METALICO	GRIGIO METALLIZZATO
<b>B</b>	SILVER	SILBER	ARGENT	ZILVER	SILVER	PLATA	ARGENTO
<b>C</b>	MATT BLACK	MATT SCHWARZ	NOIR MAT	MAT ZWART	MATT SVART	NEGRO MATE	NERO SMORTO
<b>D</b>	DARK GRAY	DUNKELGRAU	GRIS FONCE	DONKER GRUIS	MORKGRA	GRIS OSCURO	GRIGIO SCURO
<b>E</b>	LIGHT GRAY	HELLGRAU	GRIS CLAIR	LICHT GRUIS	LJUSGRA	GRIS CLARO	GRIGIO CHIARO
<b>F</b>	DARK GREEN	DUNKELGRUEN	VERT FONCE	DONKER GROEN	MORKGRON	VERDE OSCURO	VERDE SCURO
<b>G</b>	WHITE	WEISS	BLANC	WIT	VIT	BLANCO	BIANCO
<b>H</b>	RED	ROT	ROUGE	ROOD	ROD	ROJO	ROSSO



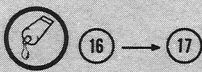
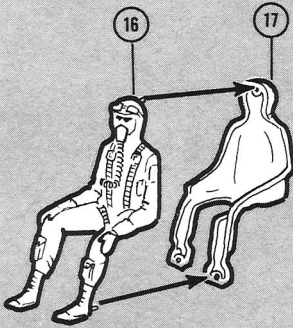
**3**



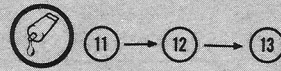
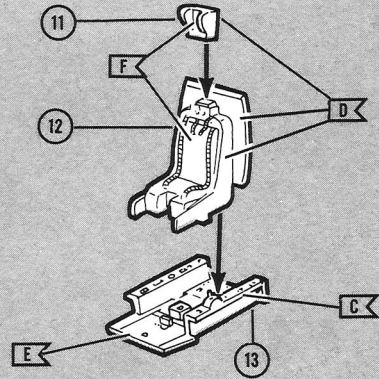
**4**



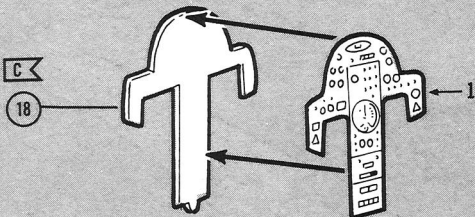
**5**



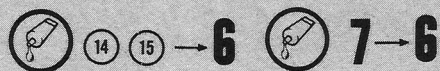
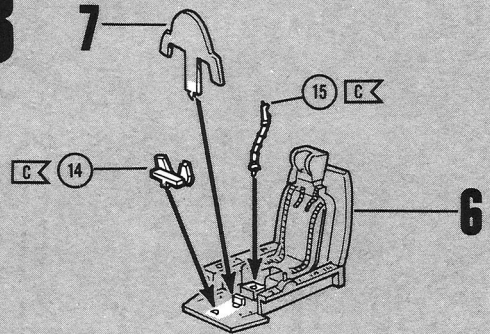
**6**



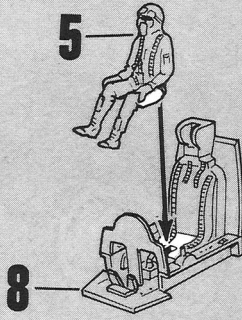
**7**



**8**

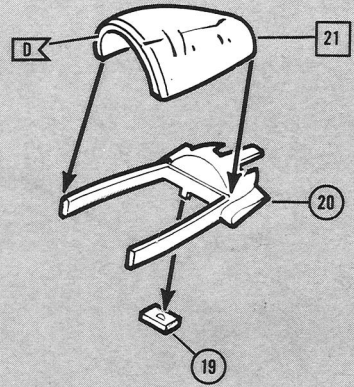



# 9



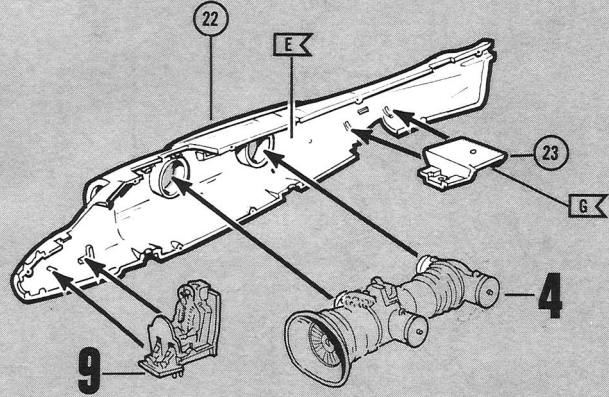
 5 → 8

# 10



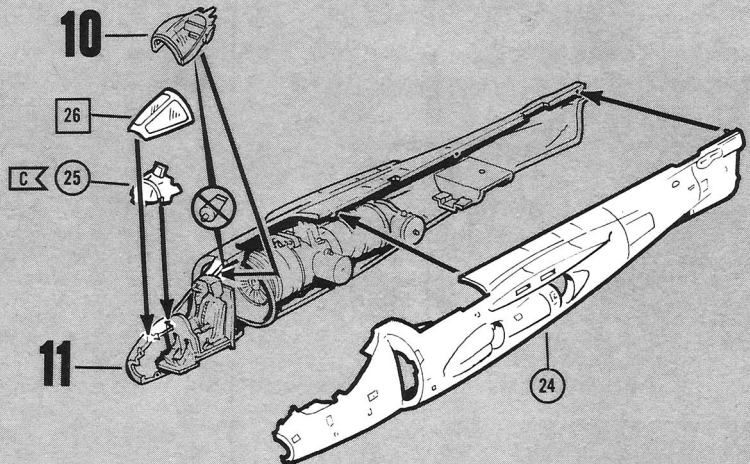
 19 21 → 20

# 11





 4 9 23 → 22

# 12

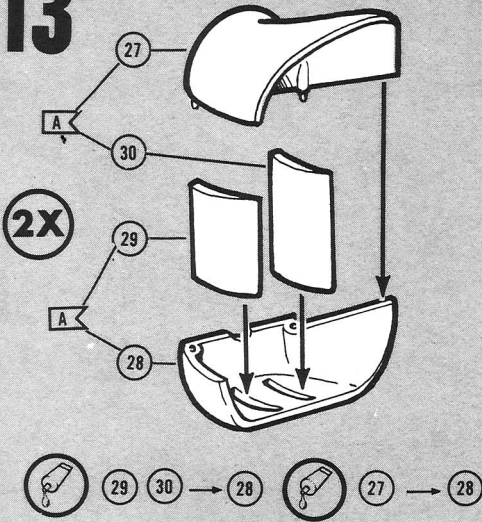


 10 → 11

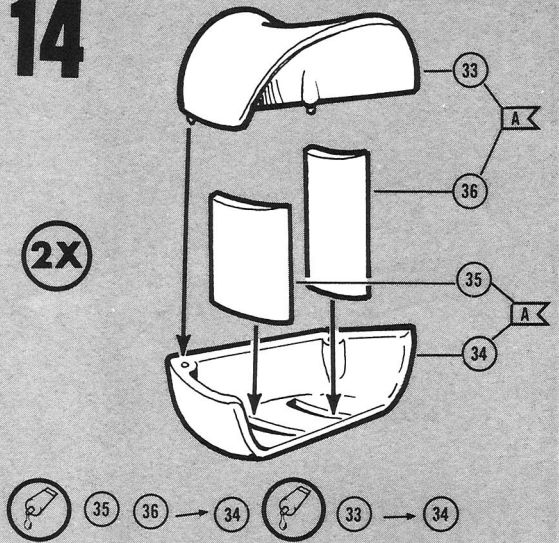
 24 → 11

 25 26 → 11

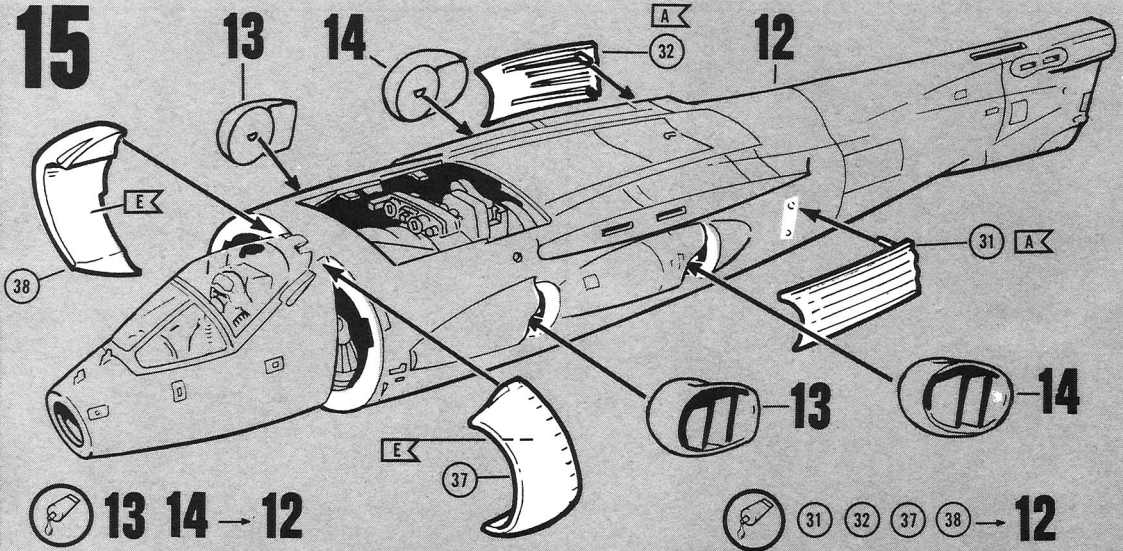
**13**



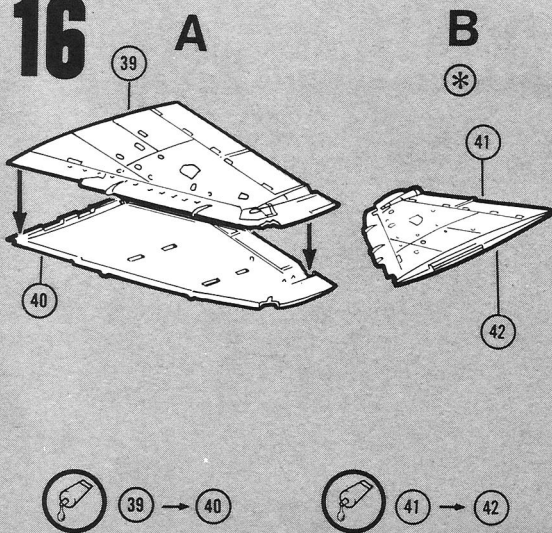
**14**



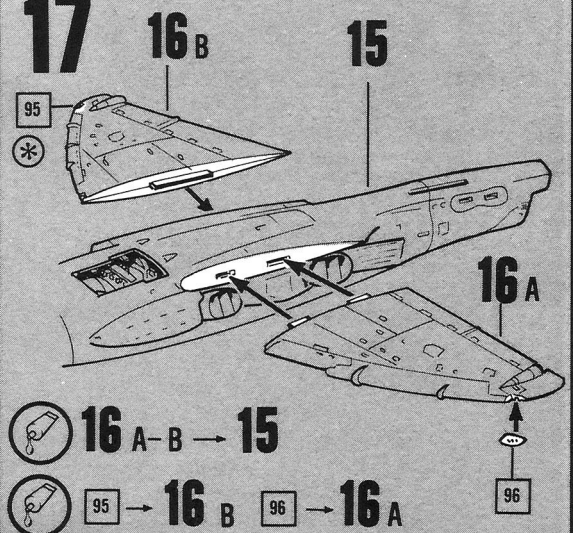
**15**



**16**



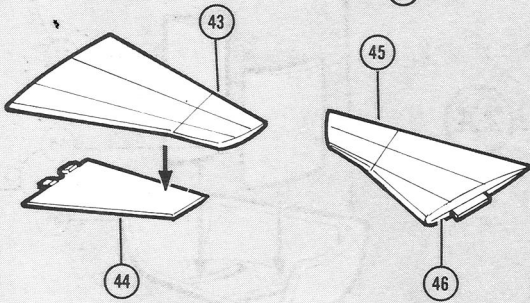
**17**



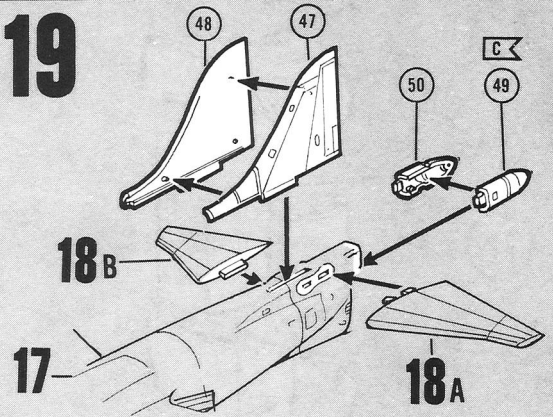
# 18

A

B



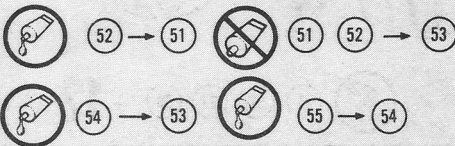
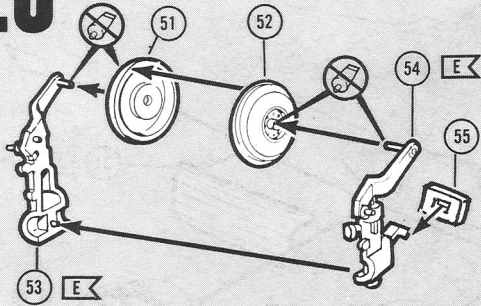
# 19



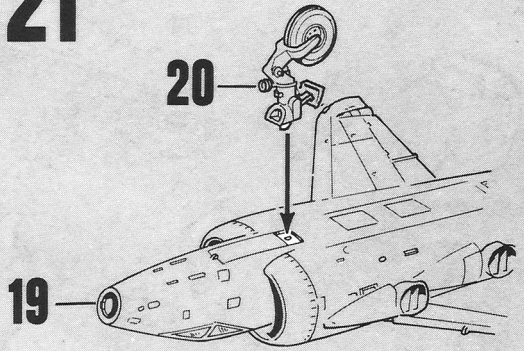
18 A 18 B → 17



# 20

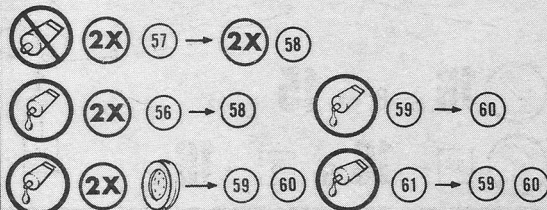
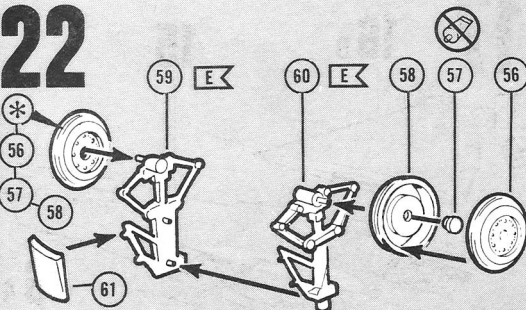


# 21

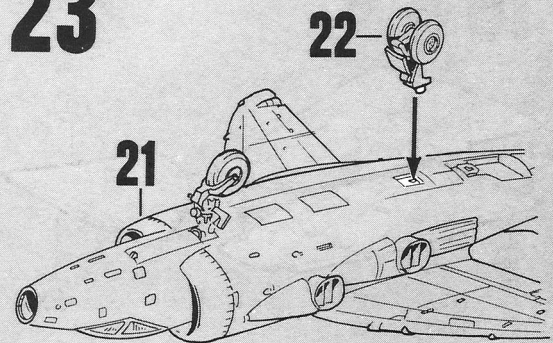


20 → 19

# 22

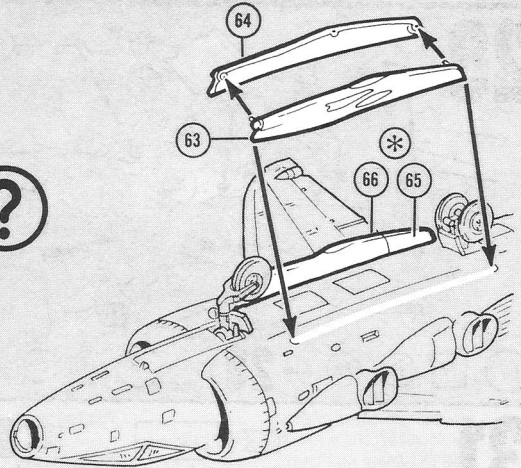
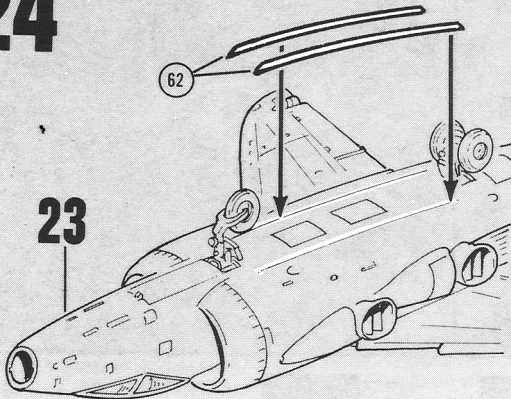


# 23



22 → 21

# 24

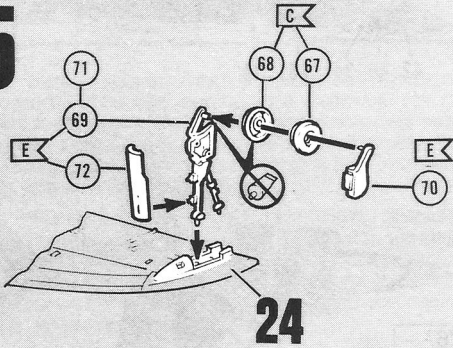


**2X** 62 → 23



63 → 64    65 → 66 → 23

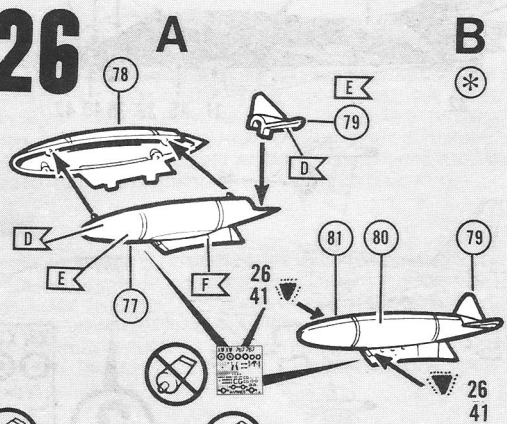
# 25



**2X** 67 → 68    67 68 → 71

70 → 69 → 24    72 → 71 → 24

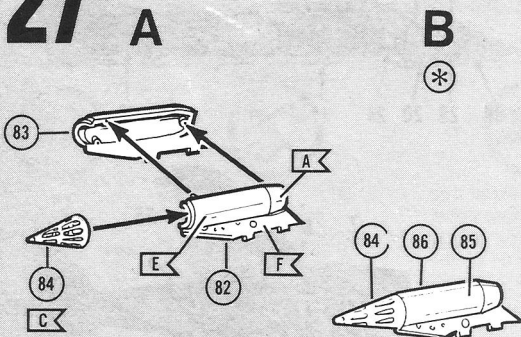
# 26



77 → 78    79 → 77 78

80 → 81    79 → 80 81

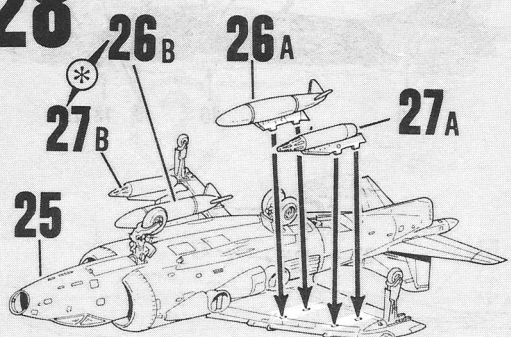
# 27



82 → 83    84 → 82 83

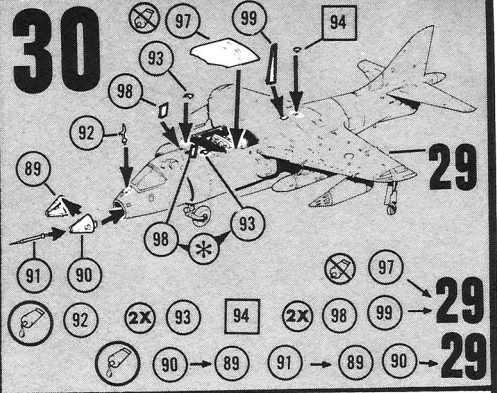
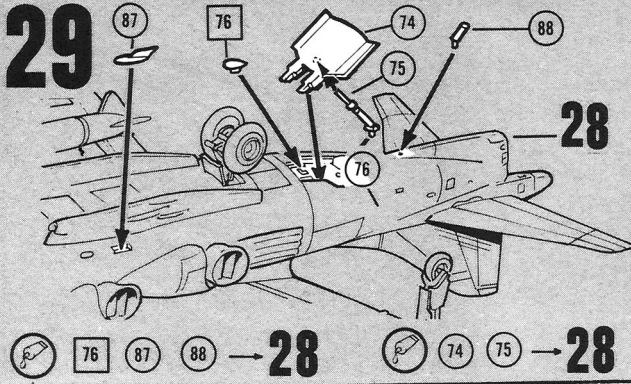
85 → 86    84 → 85 86

# 28

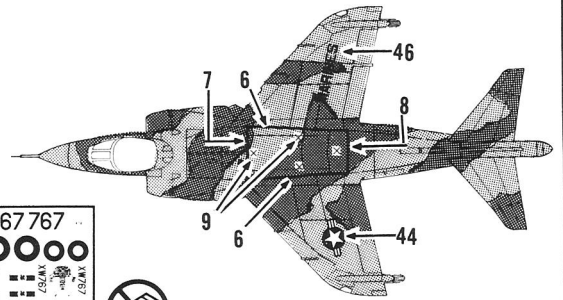
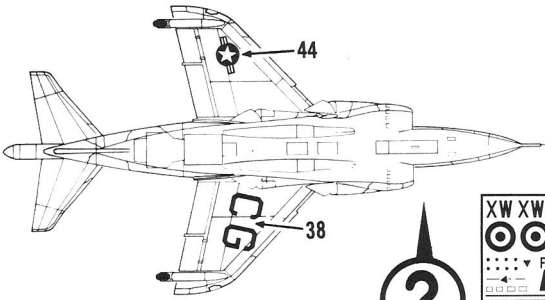
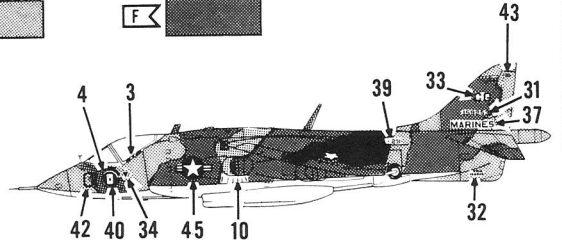
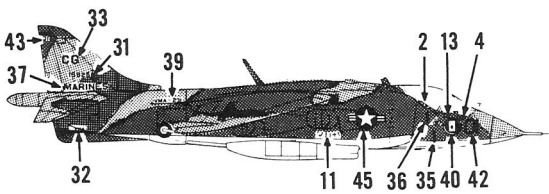
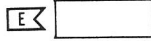


26 A-B → 25

27 A-B → 25



# 31



XW XW 767 767

CG CG CG CG

MARINES MARINES

MARINES

