



KIT 4548

F-89D/J Scorpion

1/48 SCALE 1/48 ECHELLE

ESCALA 1/48

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4548 R 4200

The sleek F-89 Scorpion was the first turbojet, all-weather fighter-interceptor developed for the United States Air Force. Designed as a successor to the famed P-61 Black Widow, the potent F-89 established new standards for air defense interceptors and served with U.S. Air Force and Air National Guard units for nearly 20 years.

Powered by twin Allison J-35 turbojet engines, the Scorpion was an innovative creation due to the unusual thin, straight wings that were utilized in place of the accepted swept wing design. The broad wings endowed the F-89 with excellent flight characteristics throughout the performance envelope due to the split decelerons that could be utilized as ailerons or deployed as speed brakes. It was operated by a two-man crew composed of a pilot and radar intercept officer who were seated in tandem in a pressurized cockpit.

The lethal F-89D was the world's most heavily armed fighter in the mid-fifties. The most significant improvements in this variant were the wing tip-

mounted rocket pod/fuel tanks and sophisticated Hughes fire control system. The forward section of each pod contained fifty-two 2.75-inch folding fin rockets that could be fired individually or in a lethal salvo of 104 projectiles. The fuel tanks contained 300 gallons of fuel per tank, and uprated J-35 engines enabled the maximum gross weight to exceed 46,700 pounds. 683 aircraft were constructed, and an F-89D established aviation history on July 19, 1957, when a test aircraft launched a nuclear-tipped MB-1 Genie rocket.

The continuing need for improved air defense with improved long-range strike capabilities mandated the conversion of 350 F-89Ds to the definitive F-89J. The rocket pod/fuel tanks were replaced with 600-gallon fuel tanks, and the wings were equipped with external pylons armed with two MB-1 Genie nuclear rockets and four GAR-2 Falcon guided missiles.

An imposing aircraft, the F-89 spanned 60 feet, 5 inches (F-89D) and was 53 feet, 10 inches long. It possessed a maximum range of 2,600 miles.

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.

LISEZ CE QUI SUIT AVANT DE COMMENCER

- Etudier les schémas d'assemblage.

- Chaque pièce plastique porte un numéro d'identification.
- Contrôler 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 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.

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.
- 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 déjense secar al aire.



OPTIONAL PARTS
PIECES EN OPTION
PIEZAS OPCIONALES



REMOVE AND THROW AWAY
A RETIRER ET JETER
QUITE Y TIRE



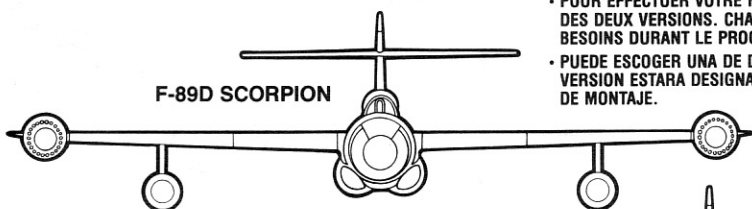
REPEAT SEVERAL TIMES
A REPETER PLUSIEURS FOIS
REPITA VARIAS VECES



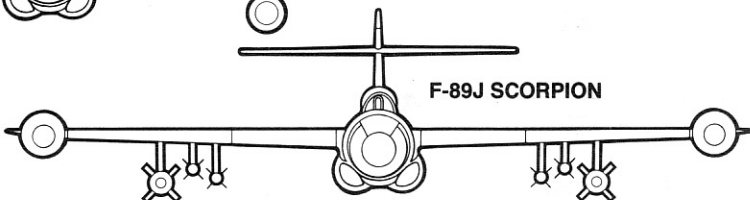
DECAL (DIP IN WATER)
DECALCOMANIE (A PLONGER DANS L'EAU)
DECALCOMANIA (MOJE CON AGUA)

A	ALUMINUM	ALUMINIUM	ALUMINIO
B	RED	ROUGE	ROJO
C	FLAT BLACK	NOIR TERNE	NEGRO APAGADO
D	LIGHT GRAY	GRIS CLAIR	GRIS CLARO
E	WHITE	BLANC	BLANCO
F	BLUE	BLEU	AZUL
G	DARK GRAY	GRIS FONCE	GRIS OSCURO
H	SILVER	ARGENT	PLATA
J	METALLIC	METALLIC	METALICO
K	SKIN COLOR	COULEUR DE LA PEAU	COLOR DE LA PIEL
L	OLIVE GREEN	VERT OLIVE	VERDE OLIVA

- YOU MAY CHOOSE ONE OF TWO VERSIONS IN YOUR ASSEMBLY. EACH VERSION WILL BE DESIGNATED WHERE REQUIRED IN THE ASSEMBLY PROCEDURE.
- POUR EFFECTUER VOTRE MONTAGE, VOUS POUVEZ CHOISIR UNE DES DEUX VERSIONS. CHAQUE VERSION SERA DESIGNEE SELON LES BESOINS DURANT LE PROCESSUS DE MONTAGE.
- PUEDE ESCOGER UNA DE DOS VERSIONES PARA SU MONTAJE. CADA VERSION ESTARA DESIGNADA CUANDO SEA NECESARIO EN EL PROCESO DE MONTAJE.

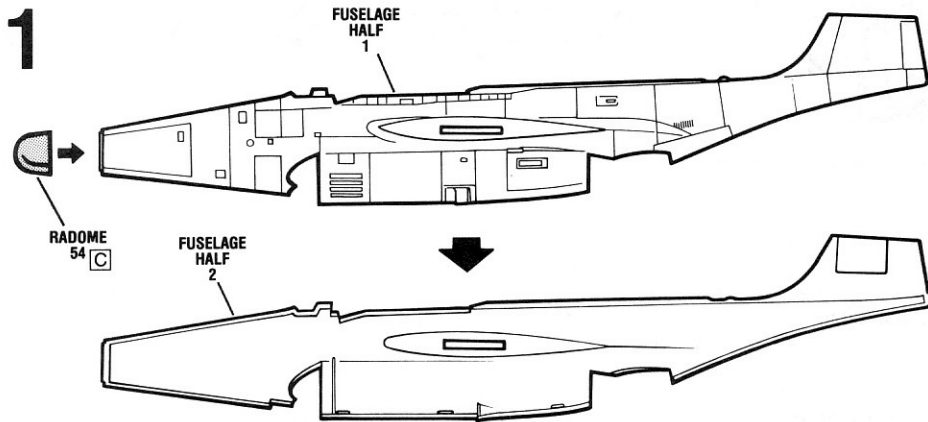


F-89D SCORPION

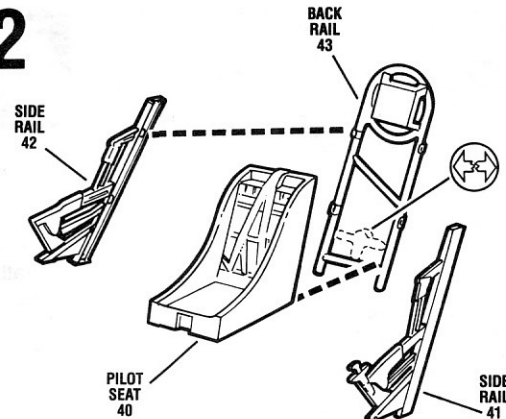


F-89J SCORPION

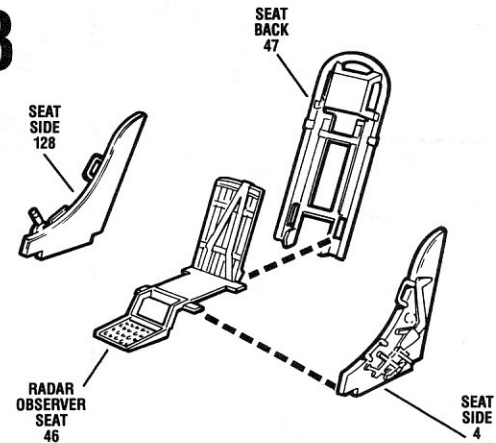
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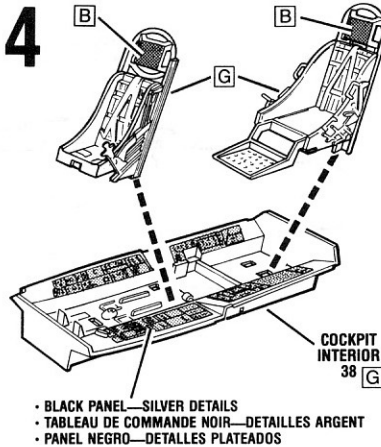
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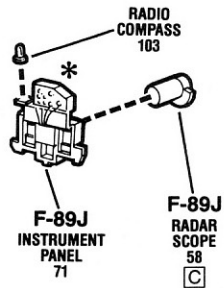
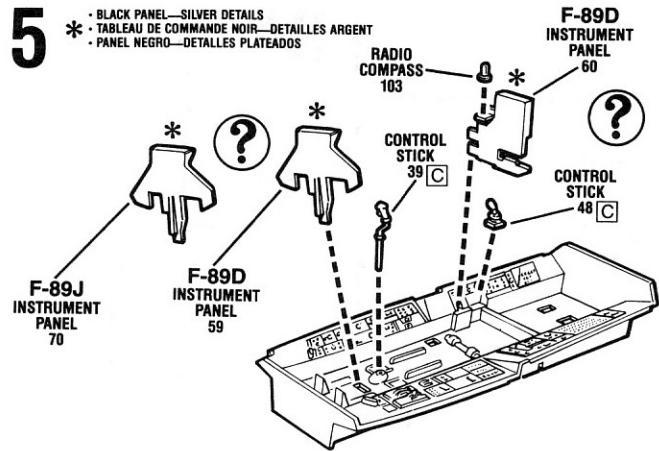


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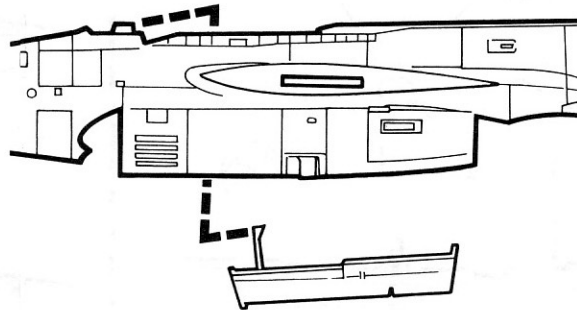
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- * BLACK PANEL—SILVER DETAILS
- * TABLEAU DE COMMANDE NOIR—DETAILLES ARGENT
- * PANEL NEGRO—DETALLES PLATEADOS

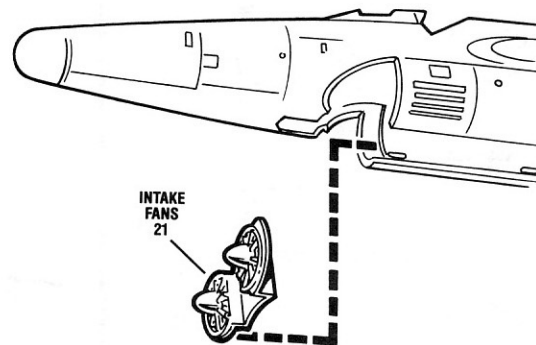


- SEE STEP 30
- VOIR ETAPE 30
- VEASE PASO 30

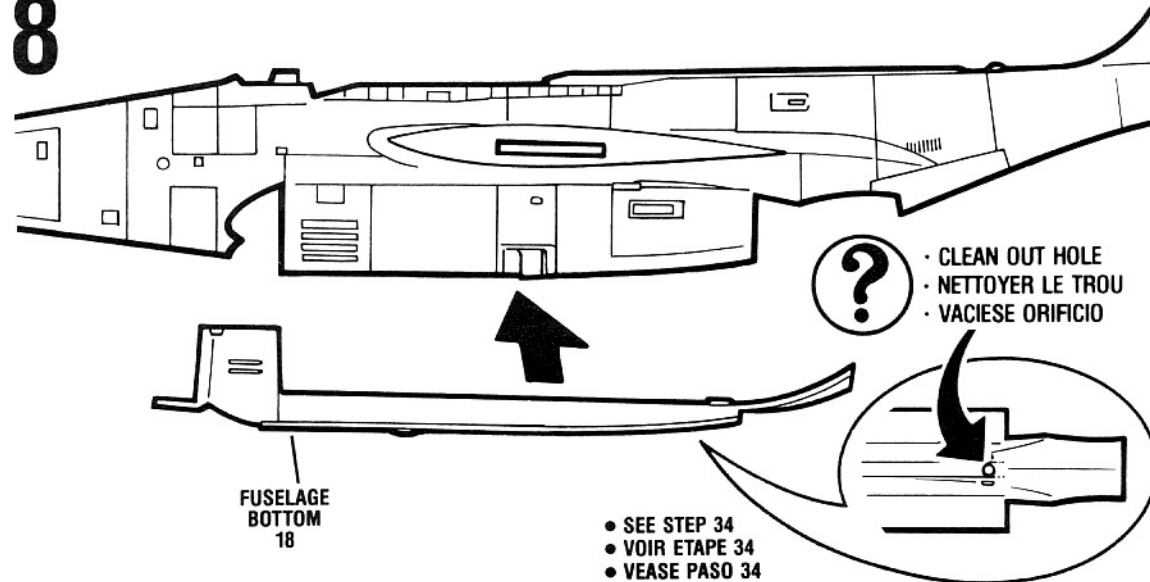
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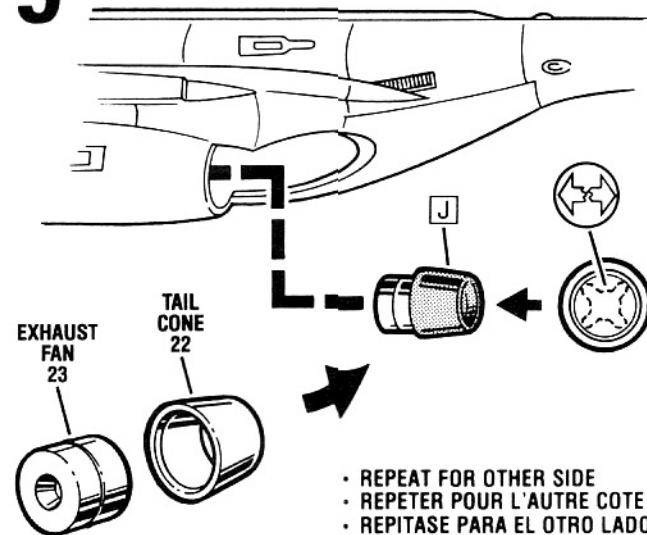
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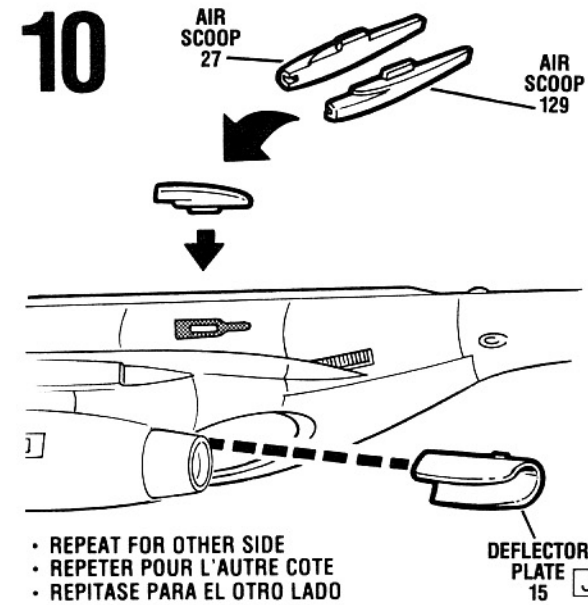
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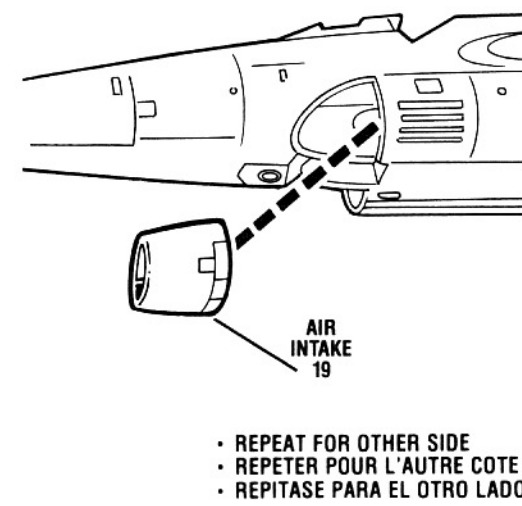
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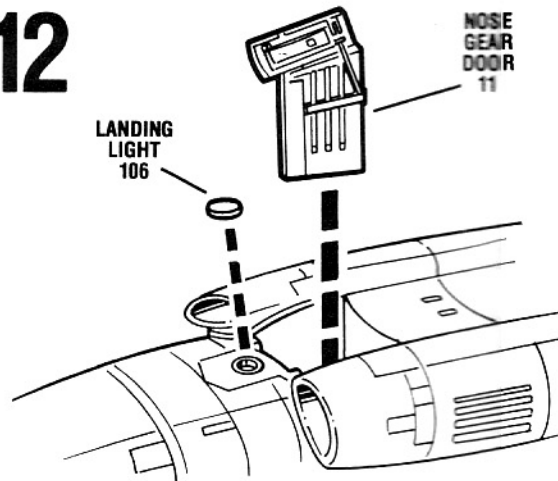
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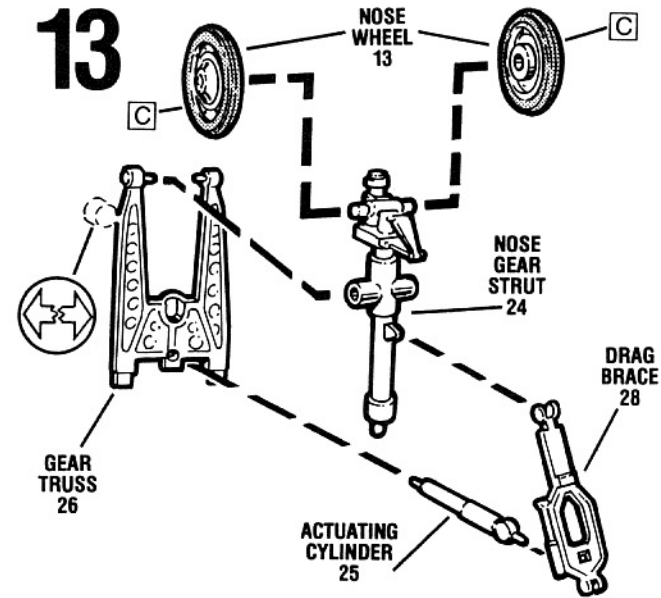


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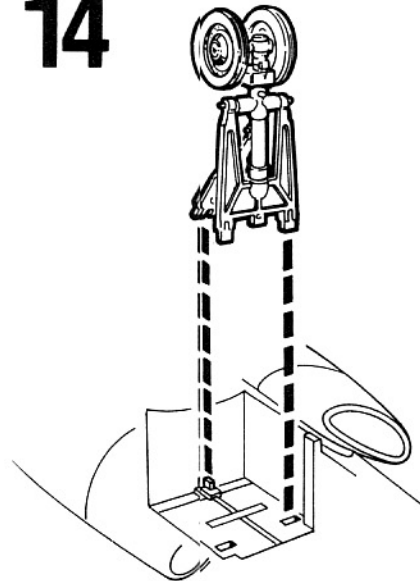


- REPEAT FOR OTHER SIDE
- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO

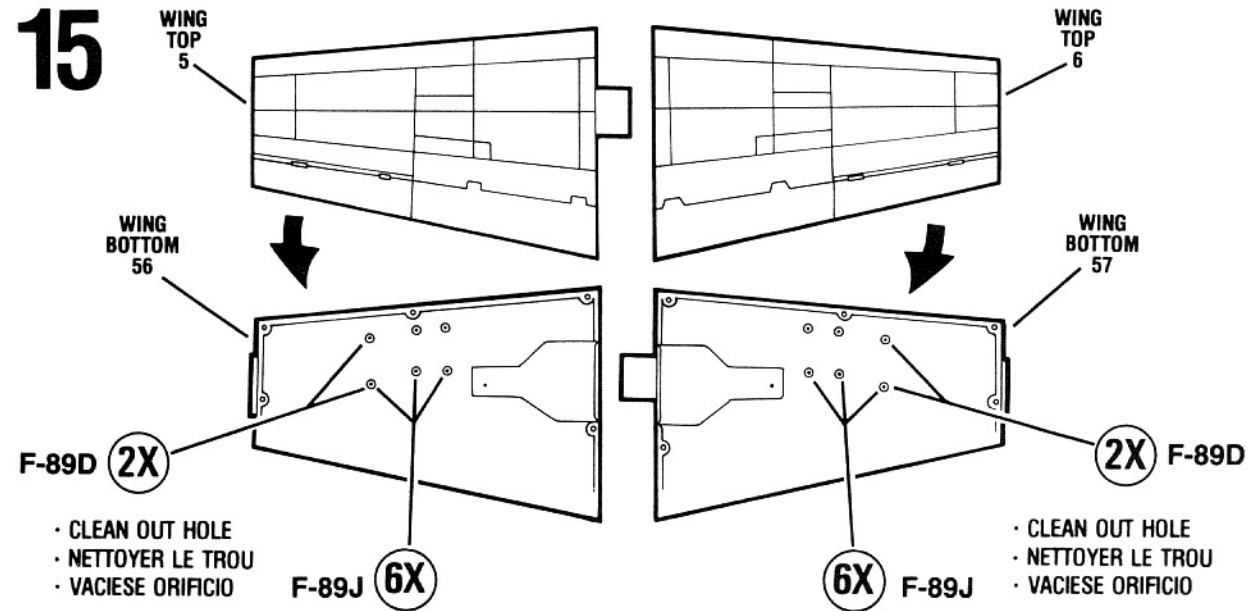
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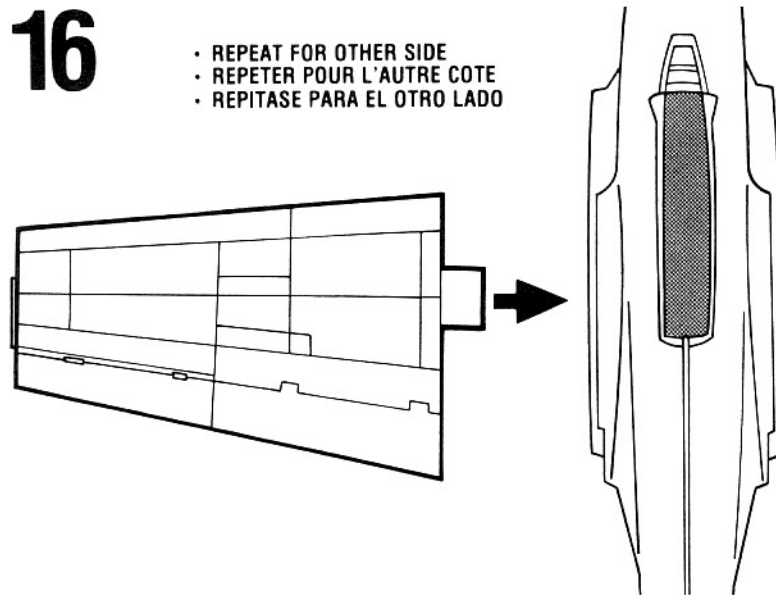


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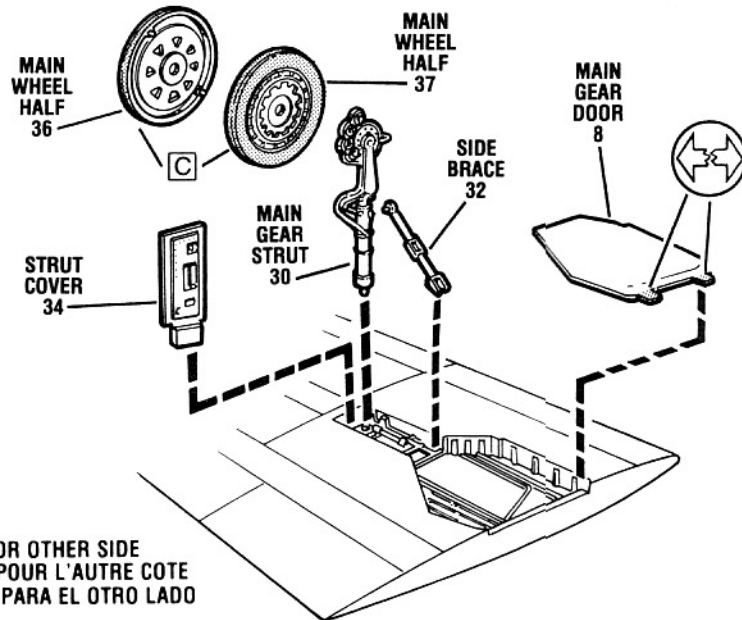


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- REPEAT FOR OTHER SIDE
- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO



17

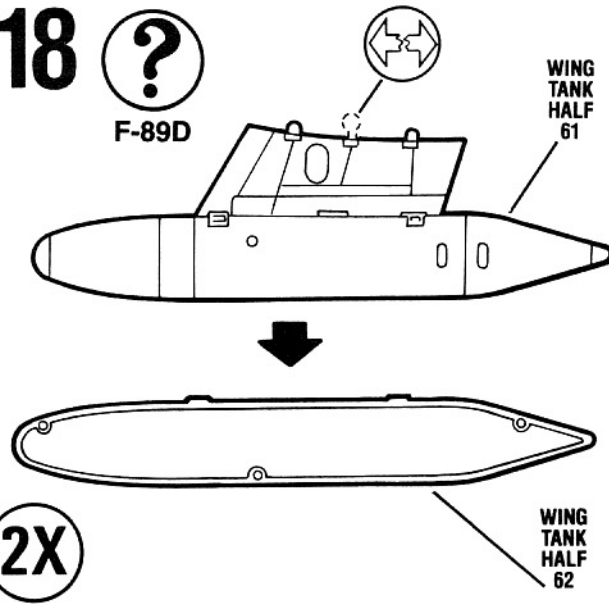


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- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO

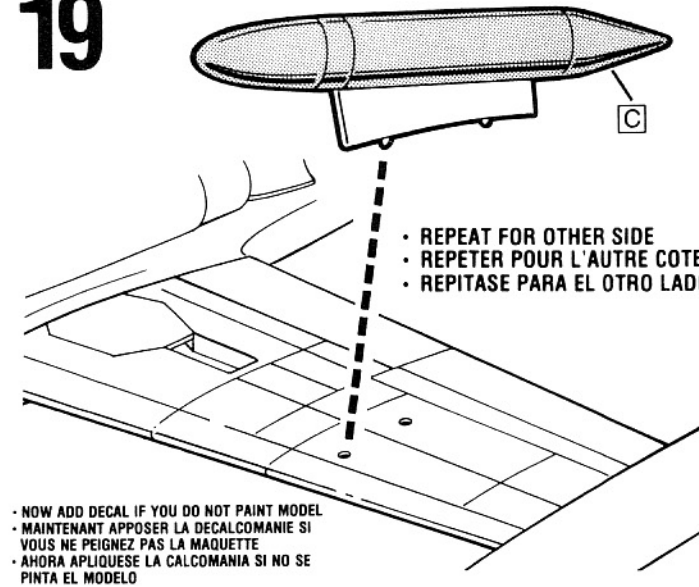
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?

F-89D



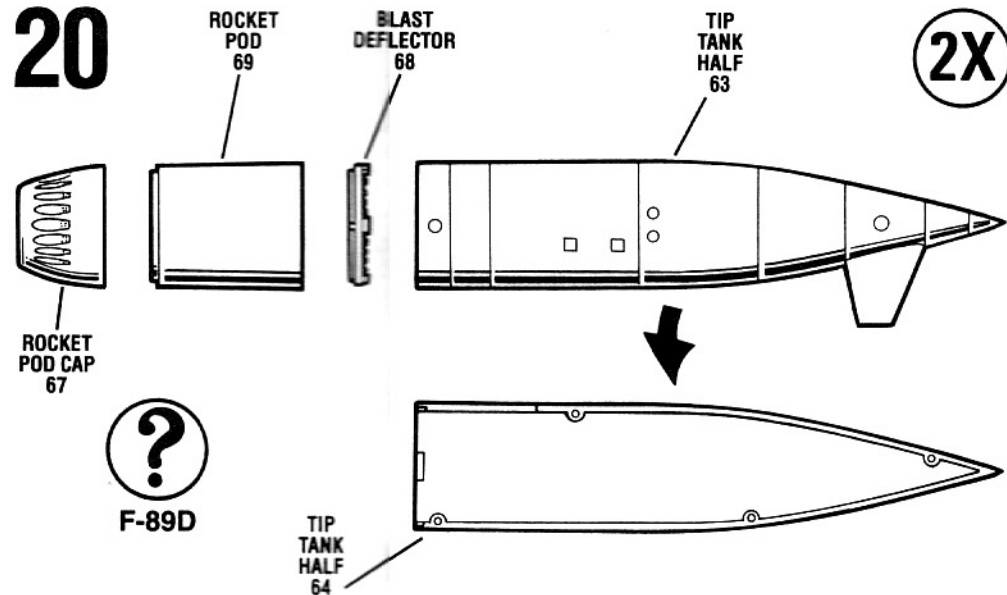
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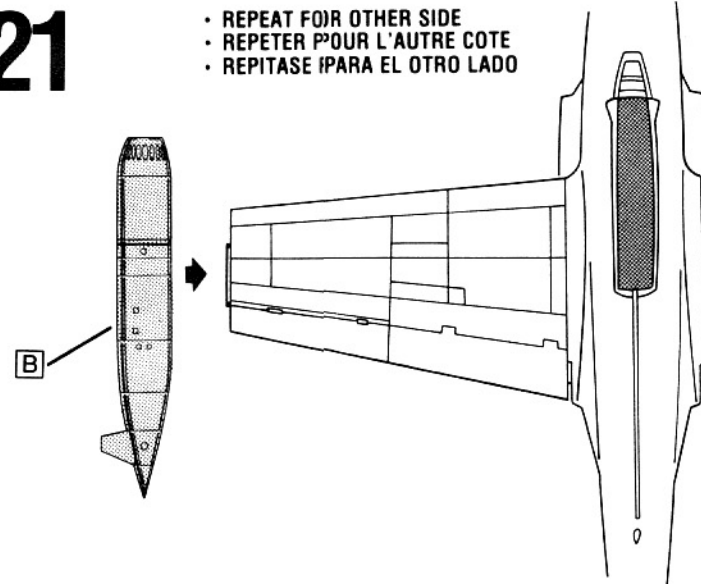
- REPEAT FOR OTHER SIDE
- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO

- NOW ADD DECAL IF YOU DO NOT PAINT MODEL
- MAINTENANT APOSER LA DECALCOMANIE SI VOUS NE PEIGNEZ PAS LA MAQUETTE
- AHORA APLIQUESE LA CALCOMANIA SI NO SE PINTA EL MODELO

20

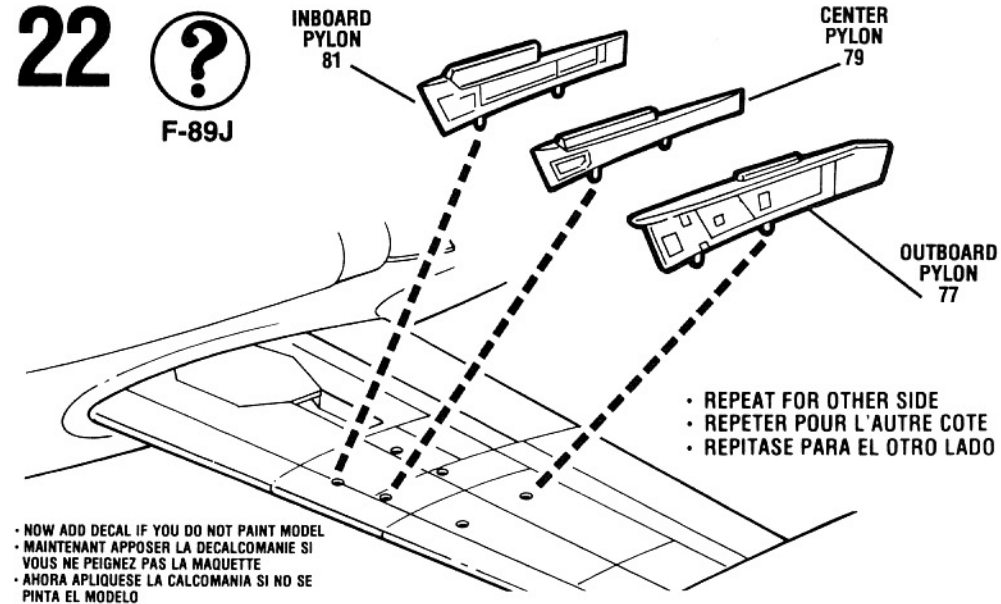


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- REPEAT FOR OTHER SIDE
- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO

22



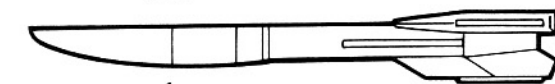
- REPEAT FOR OTHER SIDE
- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO

- NOW ADD DECAL IF YOU DO NOT PAINT MODEL
- MAINTENANT APPoser LA DECALCOMANIE SI VOUS NE PEIGNEZ PAS LA MAQUETTE
- AHORA APLIQUESE LA CALCOMANIA SI NO SE PINTA EL MODELO

23

GENIE MISSILE
HALF
85

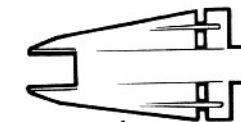
2X

GENIE MISSILE
HALF
84

F-89J

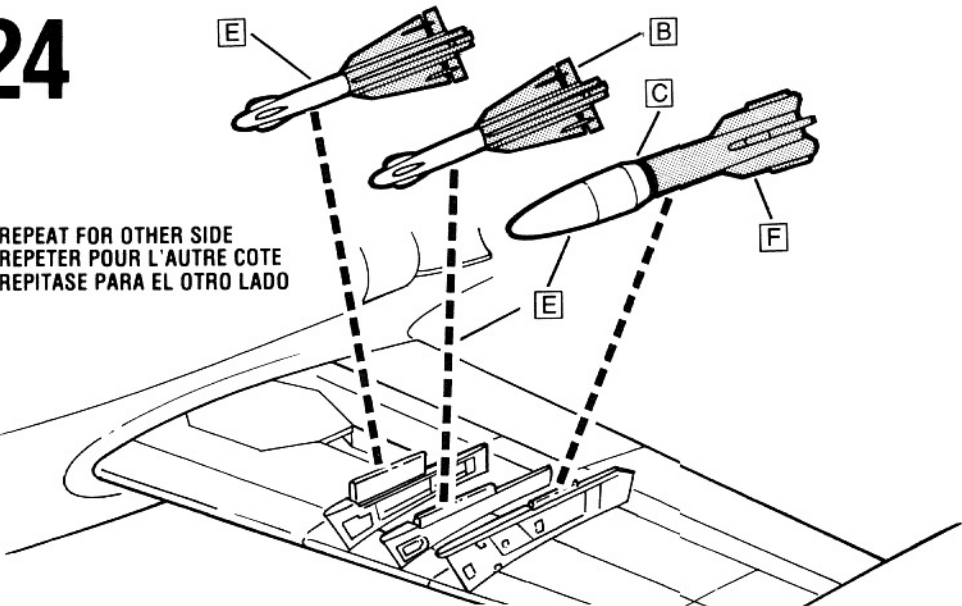


4X

FALCON
MISSILE
82FINS
83

24

- REPEAT FOR OTHER SIDE
- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO

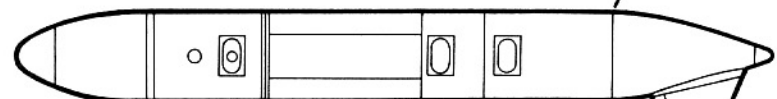
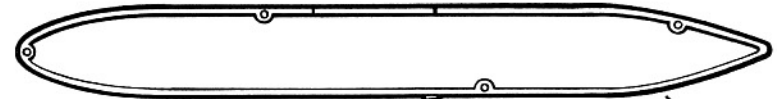


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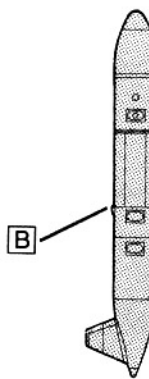
F-89J

2X

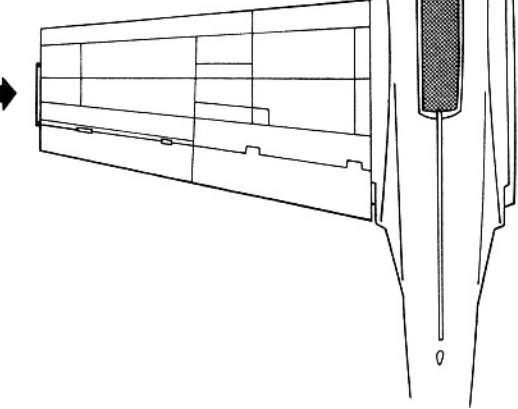
TIP TANK
HALF
72TIP TANK
HALF
74

26

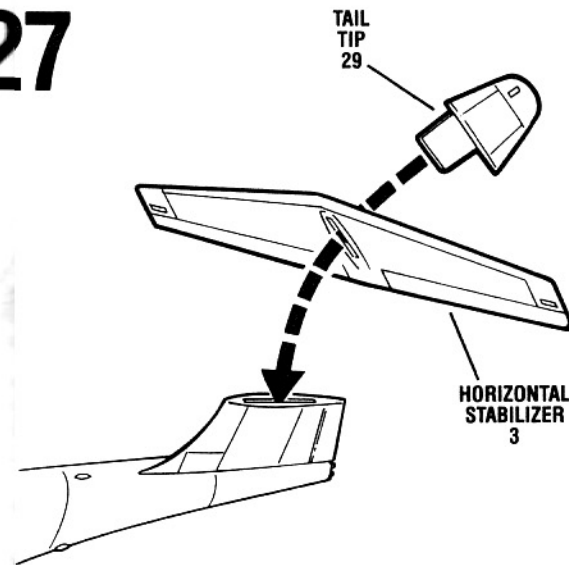
- REPEAT FOR OTHER SIDE
- REPETER POUR L'AUTRE COTE
- REPITASE PARA EL OTRO LADO



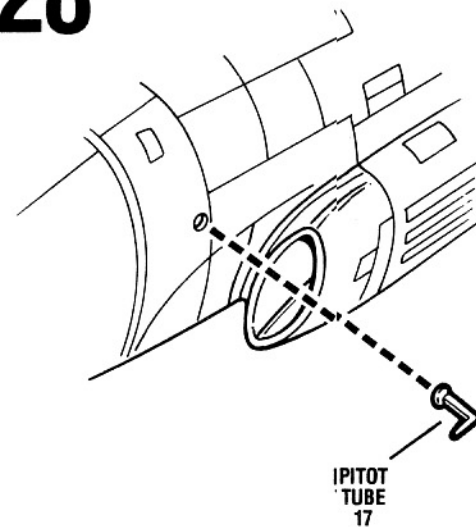
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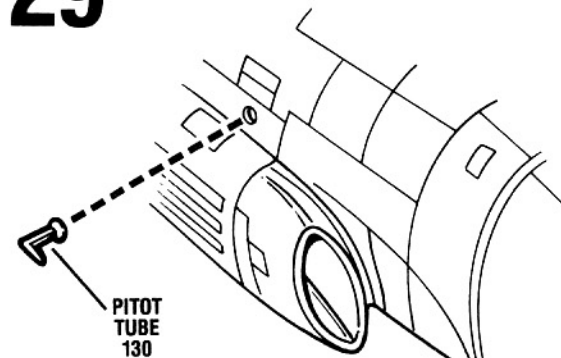
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28



29

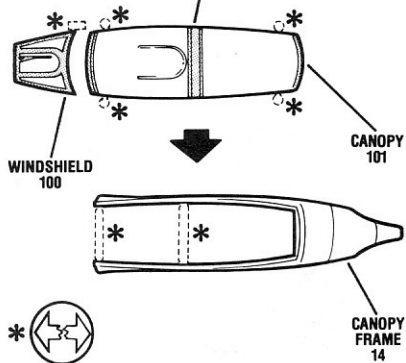


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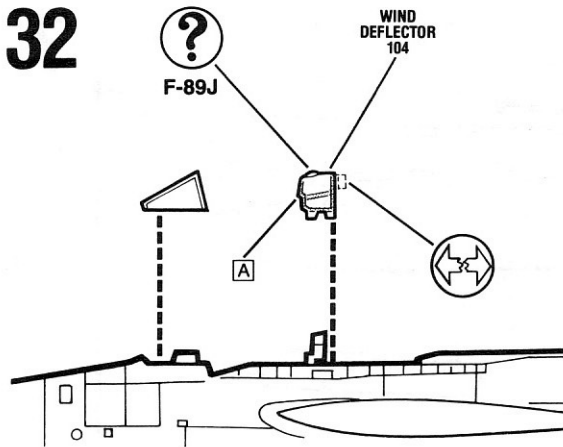
- **OPTIONAL: PILOT 51 WITH ARM 52 —**
SEE REAR PAGE FOR PAINTING
- **FACULTATIF: PILOTE 51 AVEC BRAS 52 —**
VOIR VERSO POUR FINITION
- **OPCIONAL: PILOTO 51 CON BRAZO 52 —**
VEASE LA PAGINA POSTERIOR PARA LA PINTURA
- **OPTIONAL: CREWMAN 49 WITH ARM 50 —**
SEE REAR PAGE FOR PAINTING
- **FACULTATIF: MEMBRE D'EQUIPAGE 49 AVEC BRAS 50 —**
VOIR VERSO POUR FINITION
- **OPCIONAL: TRIPULANTE 49 CON BRAZO 50 —**
VEASE LA PAGINA POSTERIOR PARA LA PINTURA

31

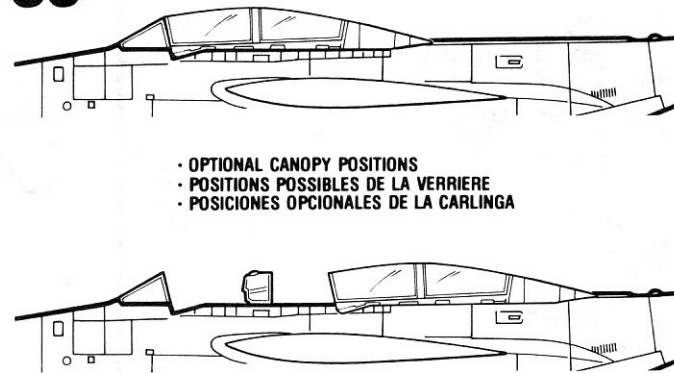
- FRAME IS FUSELAGE COLOR
- LES MONTANTS SONT DE LA COULEUR DU FUSELAGE
- ARMAZON DEL COLOR DEL FUSELAJE



32



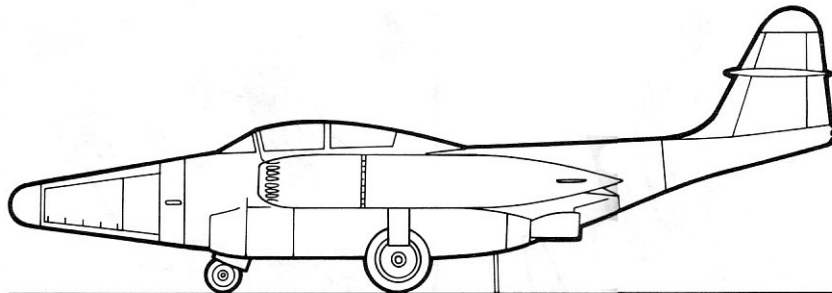
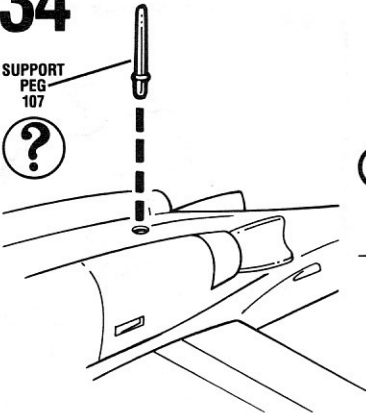
33



- OPTIONAL CANOPY POSITIONS
- POSITIONS POSSIBLES DE LA VERRIERE
- POSICIONES OPCIONALES DE LA CARLINGA

34

SUPPORT
PEG
107



- REMAINING PARTS MAY BE DISCARDED.
- SE DÉFAIRE DES PIÈCES RESTANTES.
- LAS PIEZAS QUE SOBREN PUEDEN DESCARTARSE.

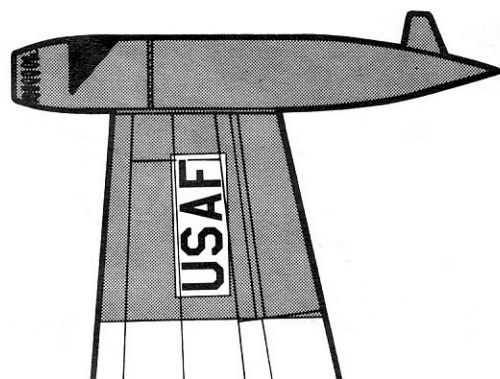
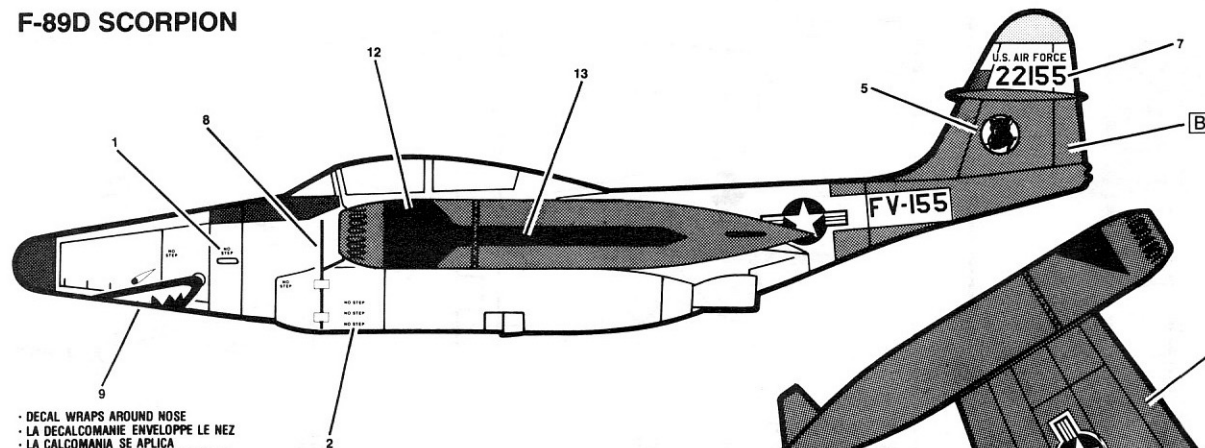
- CREWMAN PAINTING... WHITE HELMET WITH BLACK TRIM, OLIVE GREEN SUIT, LIGHT GRAY PARACHUTE STRAPS WITH SILVER BUCKLES, DARK GRAY MASK AND HOSE, BLACK BOOTS.
- FINITION DU MEMBRE D'EQUIPAGE... CASQUE BLANC AVEC BORDURE NOIRE, UNIFORME VERT-OLIVE, SANGLES DE PARACHUTE GRIS CLAIR AVEC BOUCLES ARGENT, MASQUE ET TUYAU FLEXIBLE GRIS FONCE, BOTTES NOIRES.
- PINTURA DEL TRIPULANTE... CASCO BLANCO CON BORDE NEGRO, TRAJE VERDE OLIVA, CORREAS DE PARACAIDAS GRIS CLARO CON HEBILLAS PLATEADAS, MASCARA Y TUBO GRIS OSCURO, BOTAS NEGRAS.

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:

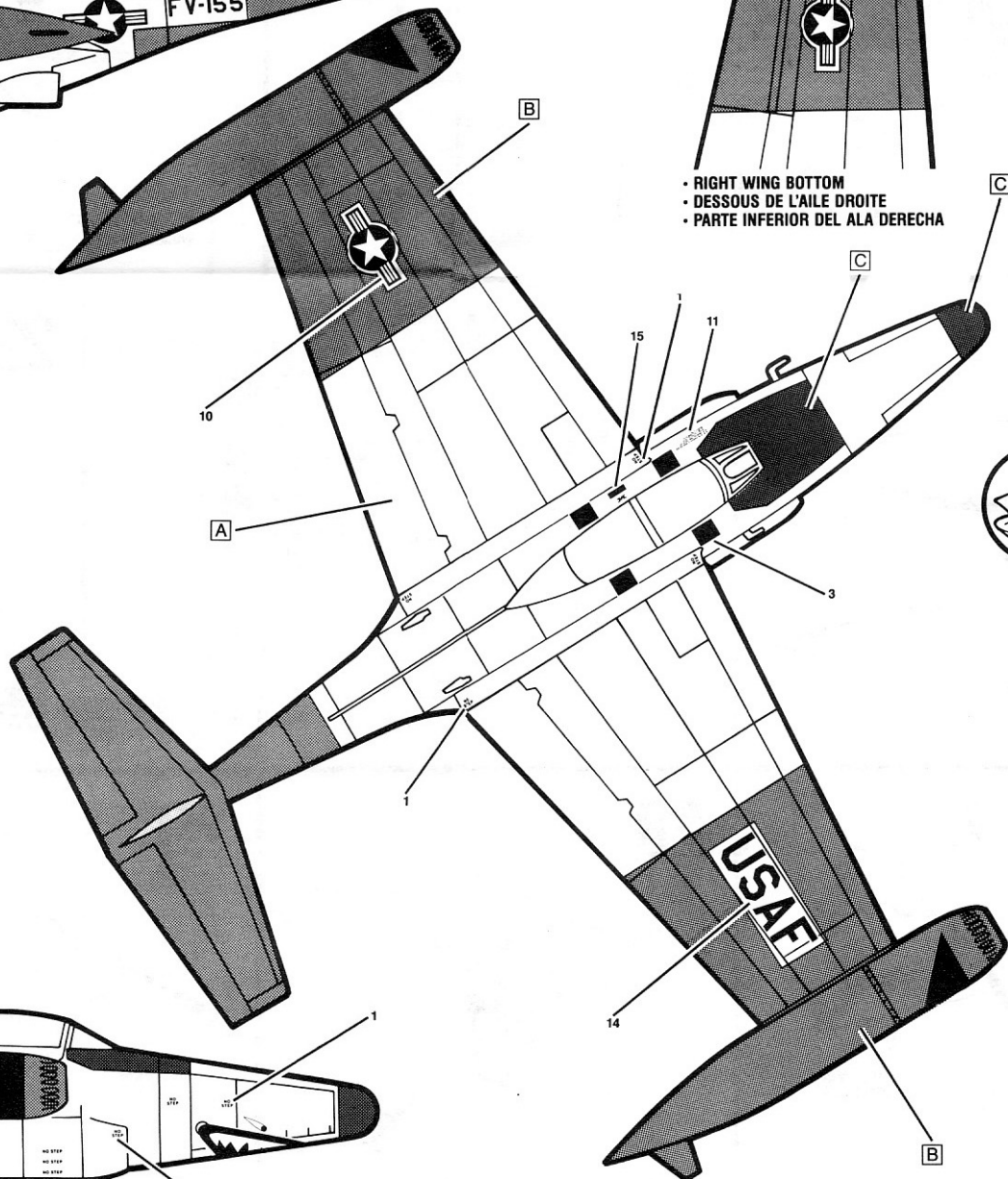
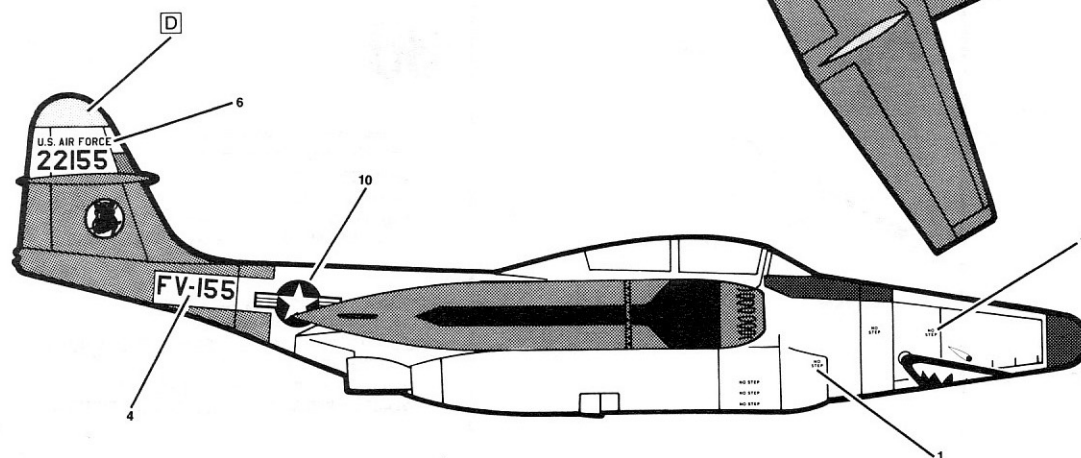
Revell, Incorporated
Consumer Service Department
395 North Third Avenue
Des Plaines, Illinois 60016

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

F-89D SCORPION

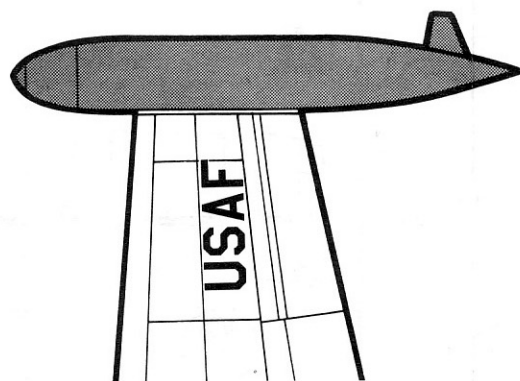
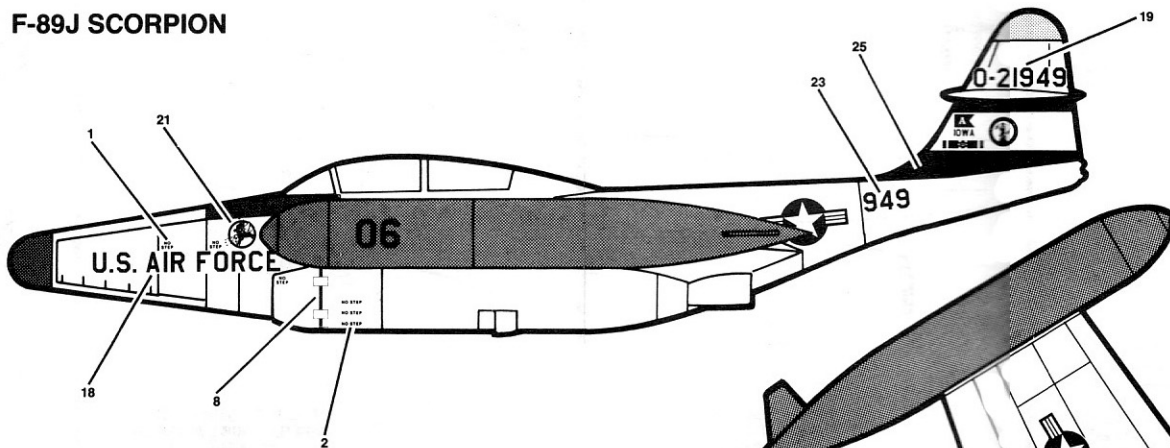


- LEFT WING BOTTOM
- DESSOUS DE L'AILE GAUCHE
- PARTE INFERIOR DEL ALA IZQUIERDA

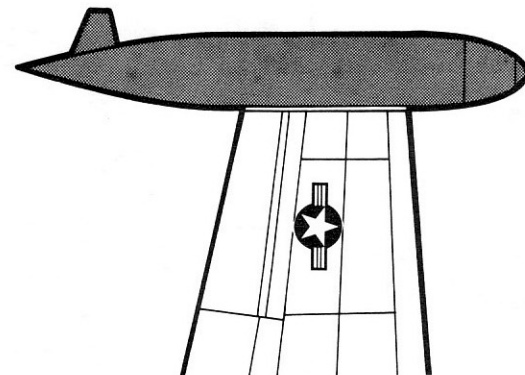
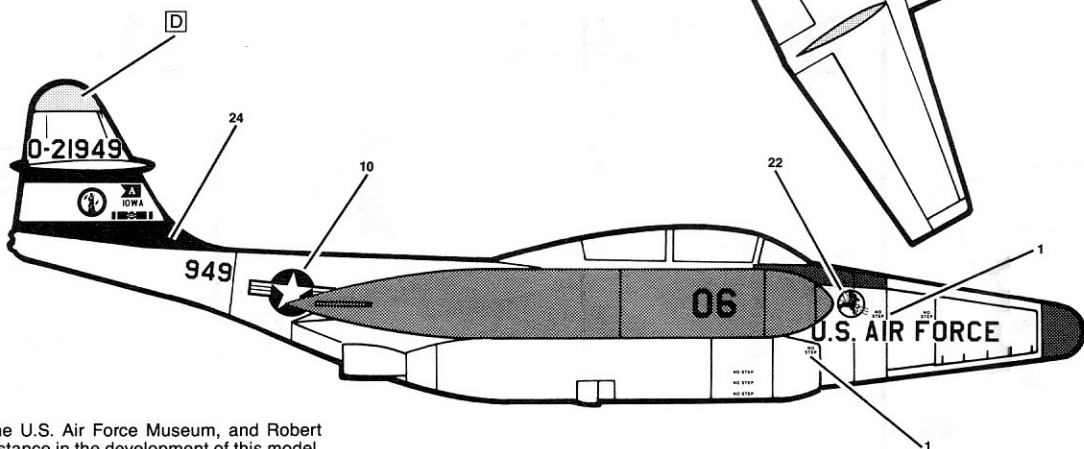


Revell, Inc. wishes to thank Dave Menard Johnson of the Pima Air Museum for their assistance.

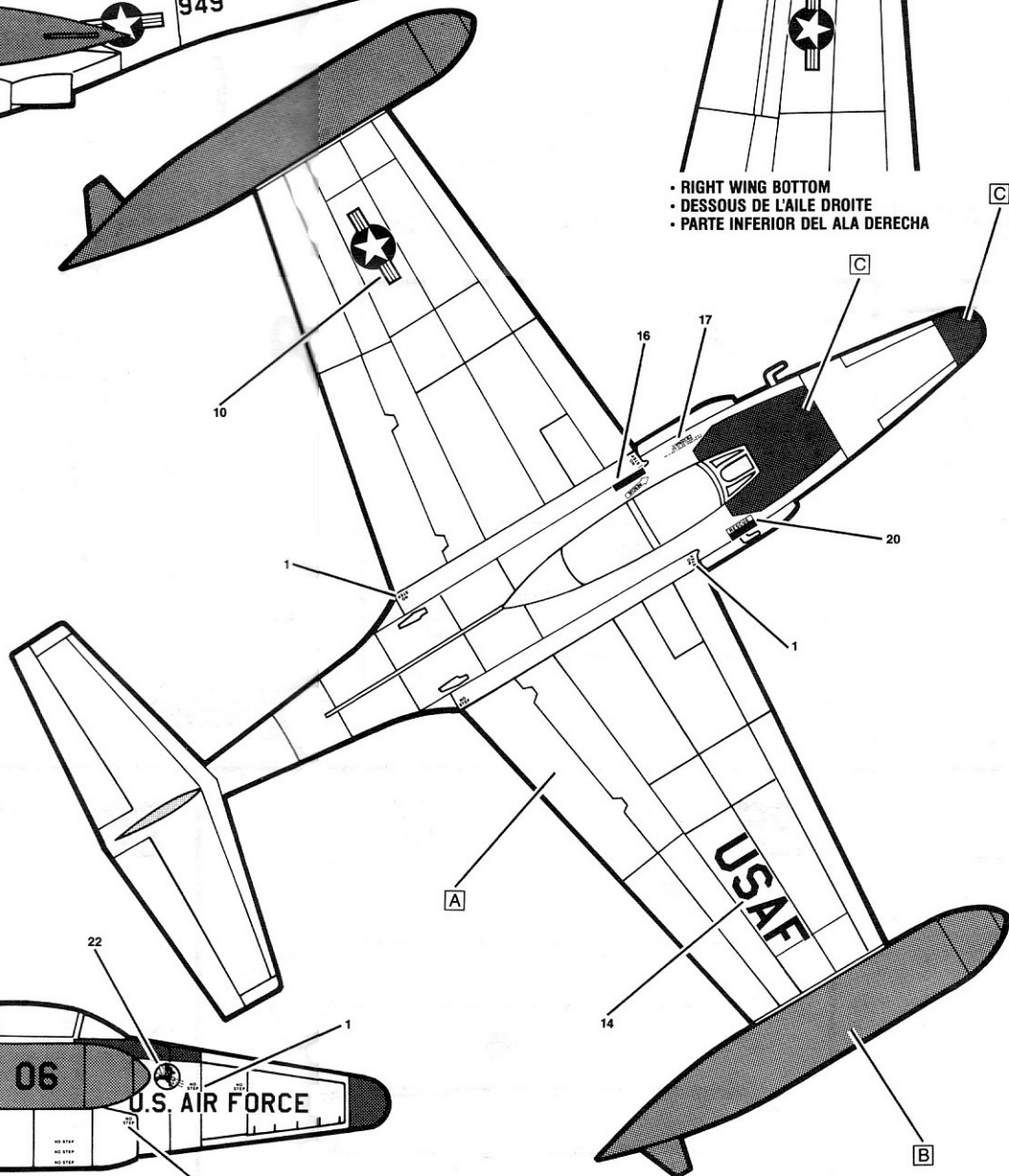
F-89J SCORPION



- LEFT WING BOTTOM
- DESSOUS DE L'AILE GAUCHE
- PARTE INFERIOR DEL ALA IZQUIERDA



- RIGHT WING BOTTOM
- DESSOUS DE L'AILE DROITE
- PARTE INFERIOR DEL ALA DERECHA



1 NO STEP NO STEP NO STEP NO STEP NO STEP 3

NO STEP NO STEP NO STEP NO STEP NO STEP NO STEP

NO STEP NO STEP NO STEP NO STEP NO STEP NO STEP

FV-155
FV-155



11

U.S. AIR FORCE
F-89D SCORPION
4548R4310

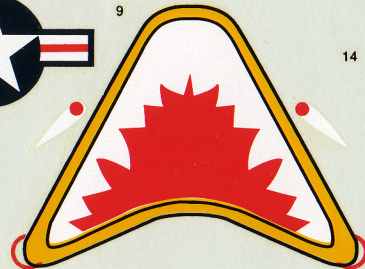
12

13

6

U.S. AIR FORCE
22155
U.S. AIR FORCE
22155

9



14

16



FOR BRN OR W DYS USE
A FULLY HANDY OUT STRET
IN STATION (AUG)

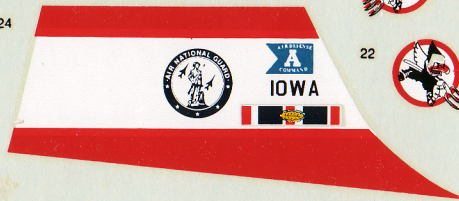
17

AIR NATIONAL GUARD F-89D-41 NO
A & C SERIAL NO. 12-1818



USAF
USAF

24



F-89D SCORPION 4548R4310

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18

U.S. AIR FORCE
U.S. AIR FORCE

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