

F-16C "Barak"

EN

The Israel Defense Force operating a total of 300 F-16s, from early F-16A/Bs to the latest F-16I Sufa. All Israeli F-16s are fitted with custom Israeli electronics. Israeli F-16s have been used extensively in combat, and scored 47 kills to date. They were also used in the bombing of the Iraq's nuclear reactor in Osirak. They had a number of internal changes that were unique to Israeli requirements, including the fitting of chaff/flare dispensers. In 1992 all IAF F-16A/B's (excluding the latest batch of Netz 2 aircraft) went into an upgrade phase at Israeli Aircraft Industries (IAI), where wings were structurally reinforced, and Elbit's advanced flight and mission management system was installed. The F-16C/D's named locally "Barak" has been ordered received Israeli ECM systems (manufactured by Elisra), and flight management computers (made by Elbit). The extent of the modifications called for a different model designation, IF-16. The F-16C's in service by the IDF, is powered by a General Electric F110-GE-100 engine, with an enlarged air intake.

IT

L'aviazione israeliana dispone di oltre 300 cacciabombardieri F-16, dalle prime versioni A/B sino agli attuali modelli C/D. Tutti questi velivoli sono stati estesamente modificati nell'equipaggiamento elettronico realizzato dalle industrie nazionali per le particolari esigenze di quella forza aerea. Questi aerei sono stati estesamente utilizzati in vicende belliche e si sono scontrati con le aviazioni avversarie ottenendo grandi successi nei duelli aerei; durante il conflitto del Libano all'inizio degli anni '90 abbatterono ben 47 aerei nemici. La versione F-16C, denominata "Barak" è dotata di una sofisticata dotazione elettronica per la gestione dell'armamento, anche esso in parte realizzato in Israele. Queste modifiche hanno fatto sì che l' F-16 C possa essere considerato quasi un aereo a sé rispetto ai similari F-16 prodotti negli Stati Uniti o in Europa per la NATO. Il velivolo è inoltre dotato di ali con struttura rinforzata per sopportare un maggior carico e utilizza il potente motore GE F110 con presa d'aria maggiorata.

DE

Die israelische Luftwaffe verfügt über mehr als 300 F-16-Jagdbomber, deren Auswahl von den ersten Versionen A/B bis zu den modernsten Modellen C/D reicht. Die elektronische Ausrüstungen dieser Flugzeuge sind von der nationalen Industrie für die besonderen Ansprüche dieser Luftflotte weitgehend modifiziert worden und sind sehr viel im Kriegsgeschehen eingesetzt worden und haben Luftduelle mit großem Erfolg gegen die feindlichen Luftflotten ausgetragen. Während des Libanonkonflikts anfangs der neunziger Jahren, haben sie 47 feindliche Flugzeuge abgeschossen. Die F-16C-Variante, mit dem Namen Barak, ist mit einer hoch entwickelten elektronischen Waffen-Steuerung ausgerüstet, die ebenfalls teilweise in Israel entwickelt worden ist. Diese Abänderungen haben aus der F-16C ein Flugzeug gemacht, das man, im Vergleich mit den ähnlichen, für die USA und für die NATO in Europa gebauten F-16-Ausführungen, beinahe als ein eigenes Modell betrachtet werden kann. Die Flügel des Flugzeugs sind für eine größere Traglast mit einer Struktur verstärkt worden, und das Flugzeug ist mit einem leistungsfähigen GE F110-Motor mit vergrößerten Luftenlassschlitzen versehen.

FR

L'aviation israélienne dispose de plus de 300 chasseurs-bombardiers F-16, des premières versions A/B jusqu'aux modèles actuels C/D. Tous ces appareils ont été amplement modifiés dans leur équipement électronique réalisés par les industries nationales pour les exigences particulières de cette force aérienne. Ces avions ont été largement utilisés dans les vicissitudes guerrières et ils se sont battus avec les aviations adverses en obtenant de grands succès dans les duels aériens; au cours du conflit avec le Liban au début des années 90 ils ont abattu 47 avions ennemis. La version F-16C, dénommée « Barak » est dotée d'un équipement électronique sophistiqué pour la gestion de l'armement, lui aussi en partie réalisé en Israël. Ces modifications ont fait en sorte que le F-16 C puisse être considéré presque comme un avion à part entière par rapport aux F-16 similaires produits aux Etats-Unis ou en Europe pour l'OTAN. L'avion de plus est équipé d'ailes avec une structure renforcée pour supporter une charge plus élevée et utilise le puissant moteur GE F110 avec une prise d'air majorée.

NL

De Israëlische luchtvaart beschikt over meer dan 300 jager-bommenwerpers F-16, van de eerste modellen A/B tot de huidige C/D. Al deze tuigen ondergingen uitgebreide wijzigingen aan de elektronische apparatuur, gerealiseerd door de nationale industrieën om in te spelen op de bijzondere behoeften van de luchtmacht. Deze vliegtuigen werden op grote schaal gebruikt in oorlogsgeschieden en hebben in confrontaties met de vijand belangrijke successen behaald; tijdens de Libanese oorlog bij het begin van de jaren '90 haalden ze maar liefst 47 vijandelijke tuigen neer. Het model F-16C, ook "Barak" genoemd, was uitgerust met een gesofisticeerd systeem van elektronica voor de controle van de wapenning, deels gerealiseerd in Israël. Dankzij deze wijzigingen kon de F-16 C beschouwd worden als een heus vliegtuig, in tegenstelling tot de gelijkaardige F-16 geproduceerd in de Verenigde Staten of in Europa voor de NAVO. Het vliegtuig was verder voorzien van versterkte vleugels om een grotere last te kunnen dragen, en de krachtige motor GE F110 met grotere luchttoevoer.

ES

La aviación israelí dispone de más de 300 cazabombarderos F-16, desde las primeras versiones A/B hasta los actuales modelos C/D. Todos estos aeroplanos han sido ampliamente modificados en su equipamiento electrónico, tarea que fue realizada por las industrias nacionales en respuesta a las particulares exigencias de esa fuerza aérea. Estos aviones han sido ampliamente utilizados en distintas confrontaciones bélicas y se han enfrentado con aviones enemigos, obteniendo grandes éxitos en los duelos aéreos; a comienzos de los años '90, durante el conflicto del Libano, derribaron a 47 aviones enemigos. La versión F-16C, denominada "Barak", cuenta con una sofisticada dotación electrónica para la gestión del armamento, que también fue realizada, en parte, en Israel. Estas modificaciones han hecho que el F-16 C pueda ser considerado casi un avión en sí, distinto a los F-16 similares producidos en los Estados Unidos o en Europa para la OTAN. Además, el aeroplano cuenta con alas de estructura reforzada para soportar una mayor carga y utiliza el poderoso motor GE F110 con toma de aire mejorada.



EN WARNING: Model for adult collector age 14 and over

IT ATTENZIONE: Modello per collezionisti adulti di età superiore ai 14 anni

FR ATTENTION: Modèle pour modélistes de 14 ans et plus.

DE ACHTUNG: Modellbausatz für Modellbauer über 14 Jahre.

NL WAARSCHWING: Geschikt voor 14 jaar en ouder.

ES ATENCION: Modelo paramodelistas mayores de 14 años.

ATTENTION - Useful advice

Study the instructions carefully prior to assembly. Remove parts from frame with a sharp knife or a pair of scissor and trim away excess plastic. Do not pull off parts. Assemble the parts in numerical sequence. Use plastic cement ONLY and use cement sparingly to avoid damaging the model. Black arrows indicate parts to be glued together. White arrows indicate on which frame the parts must be assembled WITHOUT using cement. These letters (A - B - C...) indicate on which frame the parts will be found. Paint small parts before detaching them from frame. Remove paint where parts are to be cemented. Crossed out parts must not be used.

ATTENZIONE - Consigli utili

Prima di iniziare il montaggio studiare attentamente il disegno. Staccare con molta cura i pezzi dalle stampate, usando un taglia-balsa oppure un paio di forbici e togliere con una piccola lima o con carta vetro fine eventuali sbavature. Mai staccare i pezzi con le mani. Montarli seguendo l'ordine delle numerazione delle tavole. Eliminare dalla stampata il numero del pezzo appena montato facendogli sopra una croce. Le frecce nere indicano i pezzi da incollare, le frecce bianche indicano i pezzi da montare senza colla. Usare solo colla per polistirolo. Le lettere (A - B - C...) ai lati dei numeri indicano la stampata ove si trova il pezzo da montare. I pezzi sbarrati da una croce non sono da utilizzare.

ACHTUNG - Ein nützlicher Rat

Vor der Montage die Zeichnung aufmerksam studieren. Die einzelnen Montageeile mit einem Messer oder einer Schere vom Spritzling sorgfältig entfernen. Eventuelle Grate werden mit einer Klinge oder feinem Schmirgelpapier beseitigt. Keinesfalls die Montageeile mit den Händen entfernen. Bei der Montage der Tafelnummerierung folgen. Pfeile zeigen die zu klebenden Teile während die weissen Pfeile die ohne Leim zu montierenden Teile anzeigen. Bitte nur Plastklebstoff verwenden. Die Buchstaben (A - B - C...) neben den Nummern zeigen, auf welchem Spritzling der zu montierende Teil zu finden ist. Die mit einem Kreuz markierten Teile sind nicht zu verwenden.

ATTENTION - Conseils utiles

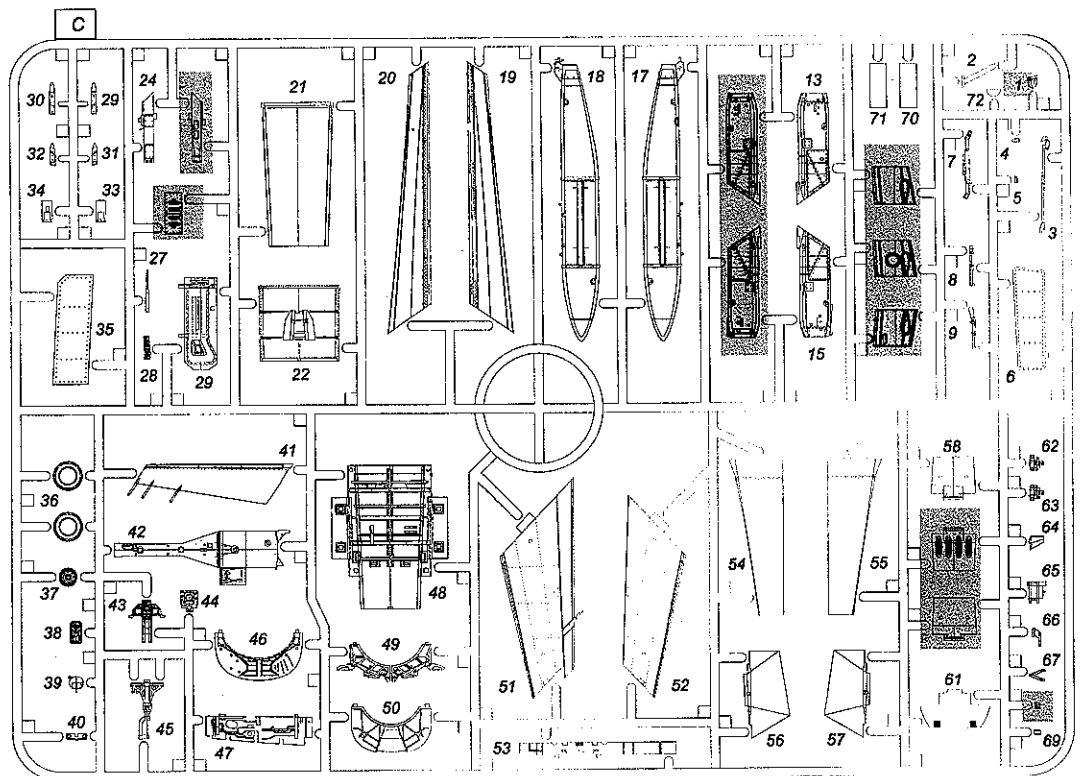
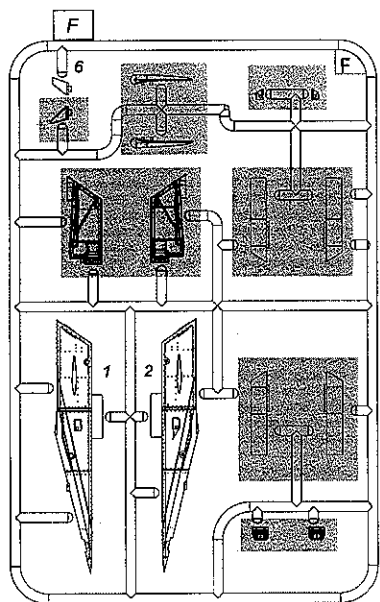
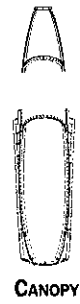
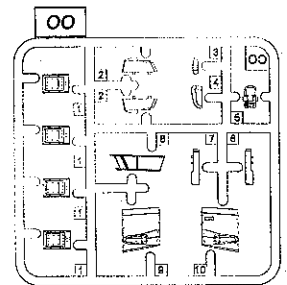
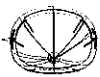
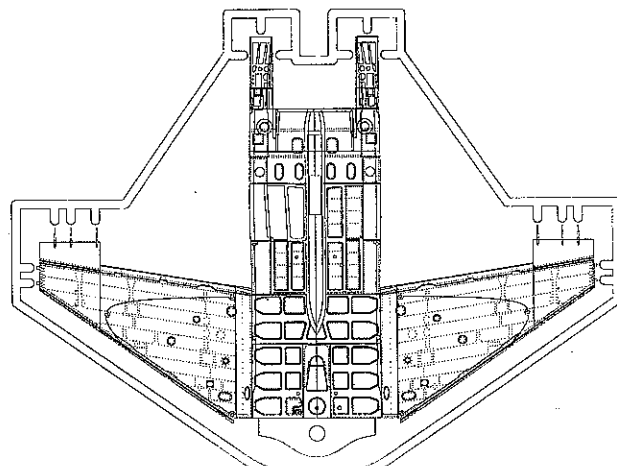
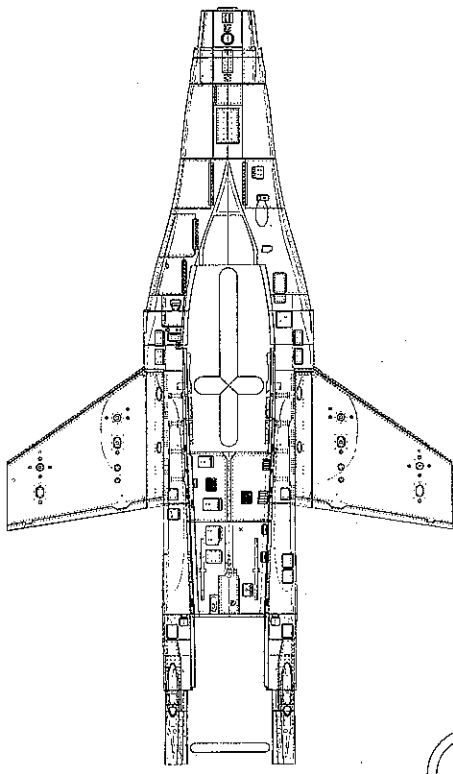
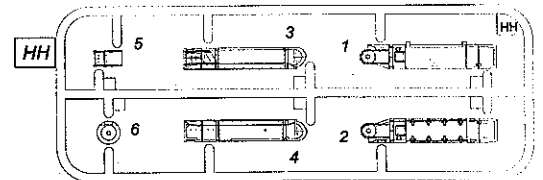
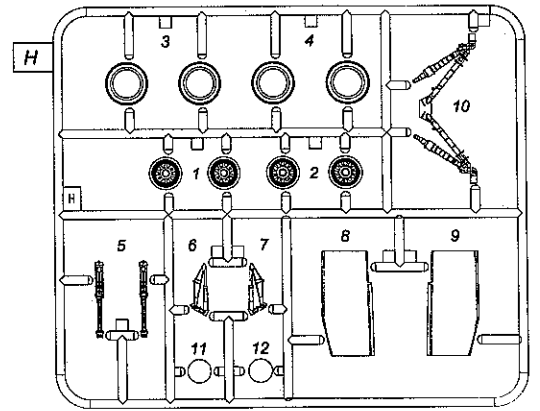
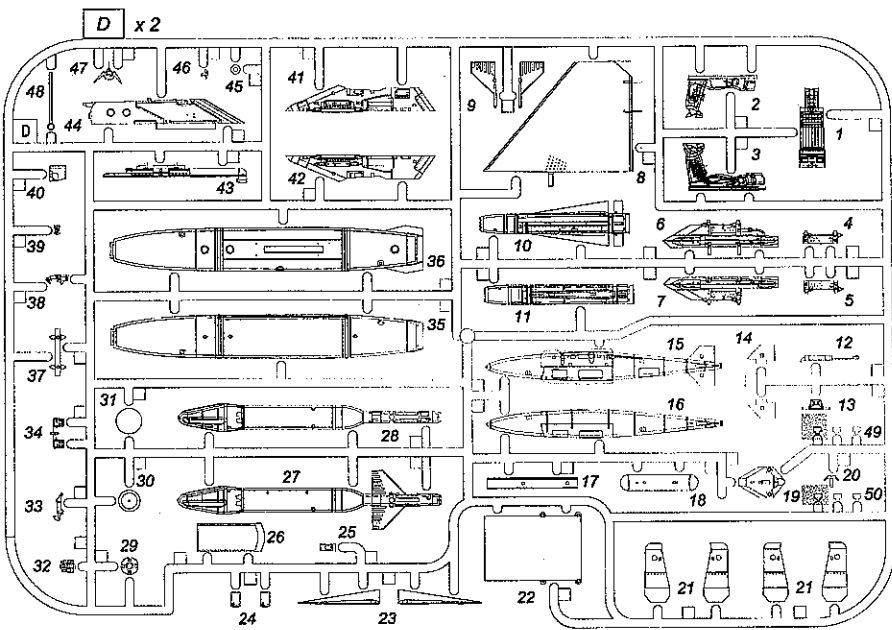
Avant de commencer le montage, étudier attentivement le dessin. Détacher avec beaucoup de soin les morceaux des moules en usant un massicot ou bien un pair de ciseaux et couper avec une petite lame avec de papier de verre fin ébarbés éventuels. Jamais détacher les morceaux avec les mains. Monter les en suivant l'ordre de la numération des tables. Éliminer de la moule le numéro de la pièce qui vient d'être montée, en le biffant avec une croix. Les flèches noires indiquent les pièces à coller, les flèches blanches indiquent les pièces à monter sans colle. Employer seulement de la colle pour polystyrol. Les lettres (A - B - C...) aux côtés des numéros indiquent la moule où se trouve la pièces à monter. Les pièces marquées par une croix ne sont pas à utiliser.

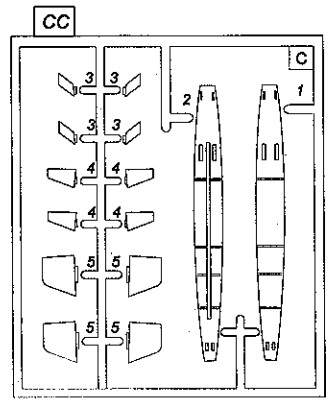
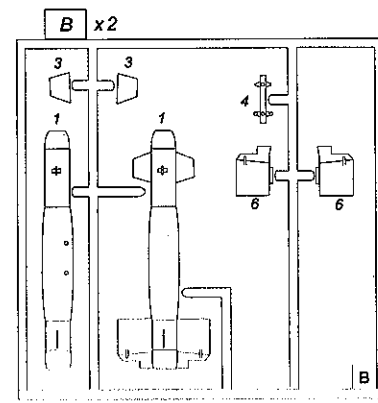
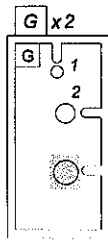
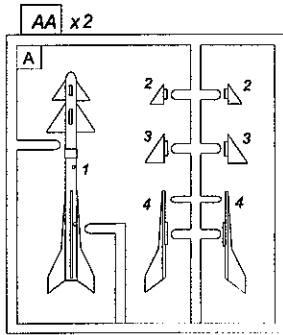
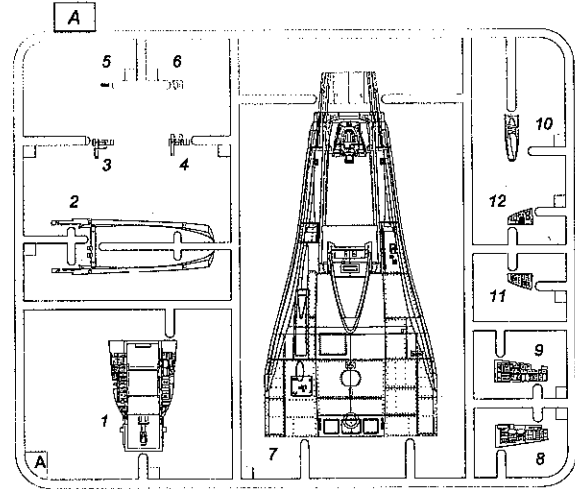
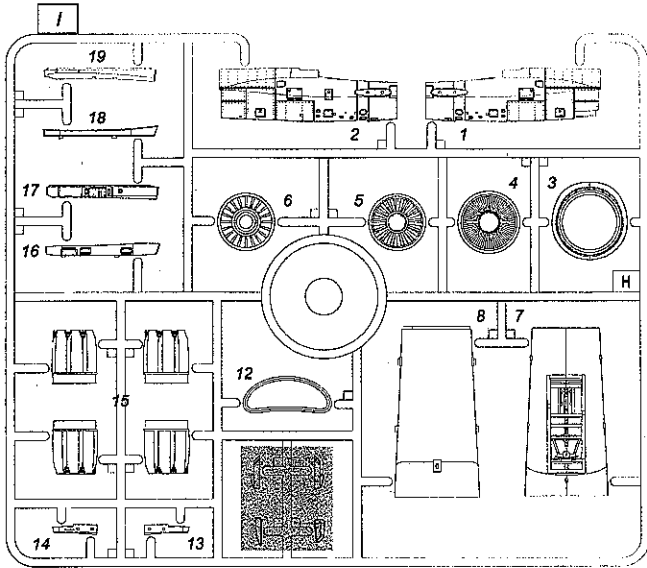
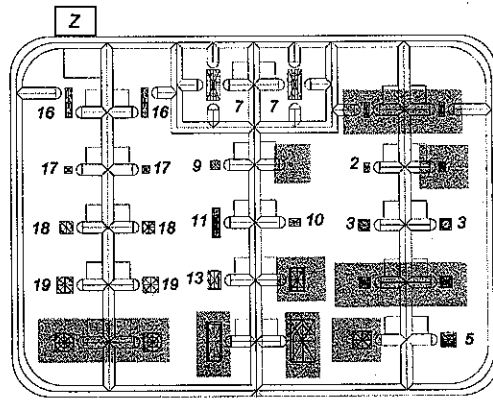
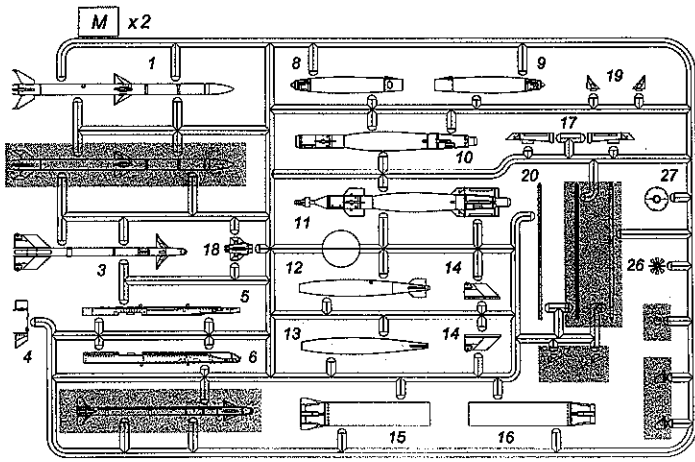
OPGELET - Belangrijke bemerkingen!


Bestudeer zorgvuldig het montageplan voor het bouwen. Breek nooit onderdelen van het kader. Maak ze los met een scherp mes of kleine nageltang. Verwijder daarna al het overtoeliggende plastic en pas de delen uitvoerend te lijmen. Gebruik allen lijn voor plastic modellen. Werk zorgvuldig en spaarzaam, teveel lijn zal uw model beschadigen. Zwarte pijlen duiden de te lijmen delen aan. Witte pijlen verwijzen naar bewegende delen welke niet mogen worden gelijmd. Deze letters (A - B - C...) geven de kaders aan waarin de onderdelen zich bevinden. Schilder de kleine onderdelen voor ze van het kader te snijden. Verwijder de verf van de te lijmen oppervlakten.


ATENCIÓN - Consejos útiles

Estudiar las instrucciones cuidadosamente antes de comenzar el montaje. Separar las piezas de las bandejas con un cuchillo afilado o un par de tijeras y retirar el exceso de plástico o rebaba. No arrancar las piezas. Montar las piezas en orden numérico. Utilizar SOLAMENTE pegamento para plástico y en poca cantidad para evitar que se dañe el modelo. Las flechas negras indican las piezas que se deben pegar juntas. Las flechas blancas indican las piezas que deben ensamblarse SIN usar pegamento. Las letras (A - B - C...) indican en que bandeja se encuentran las piezas. Pintar las piezas pequeñas antes de separarlas de la bandeja. Retirar la pintura de los lugares por donde se deben pegar las piezas.





 Parts not for use
Telle werden nicht verwendet
Parti da non utilizzare
Pièces a ne pas utiliser

 Drill holes
Die Locher Ausboren
Aprire i fori
Ouvrir les trous

 Cut
Entfernen
Separare
Retirer

I numeri si riferiscono all'assortimento colori ITALERI/Acryl Paint System

The indicated colour number refer to the ITALERI/Acryl Paint System

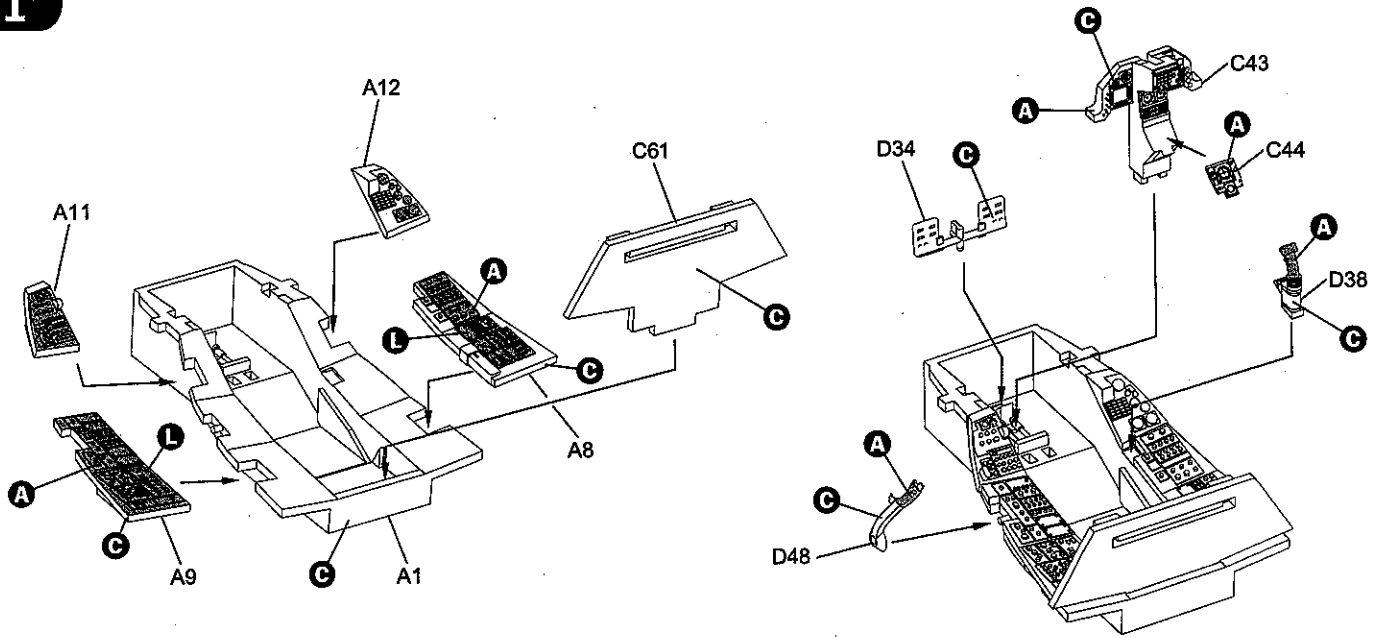
Die angegebenen farbnummern beziehen sich auf die ITALERI/Acryl Paint System

Les références indiquées concernent les peintures ITALERI/Acryl Paint System

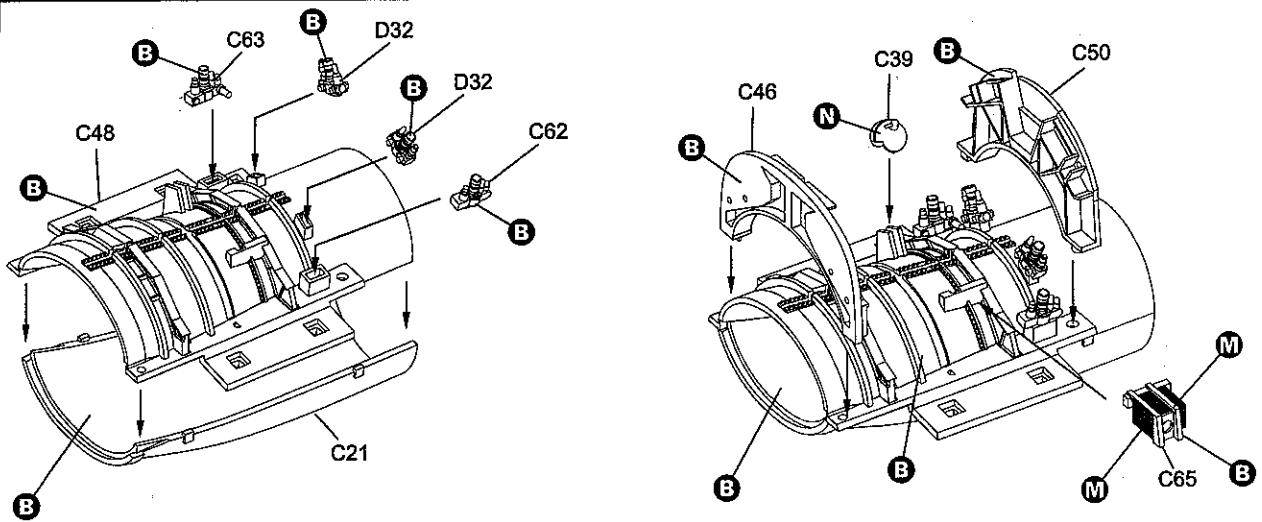
A BLACK (FLAT)	ITA MM - 1749	ITA MM Acryl - 4768
B GLOSS WHITE	ITA MM - 1745	ITA MM Acryl - 4696
C FLAT GULL GRAY	ITA MM - 1730	ITA MM Acryl - 4763
D BURNT METAL MET.	ITA MM - 1415	
E SILVER	ITA MM - 1546	ITA MM Acryl - 4678
F OLIVE DRAB	ITA MM - 1711	ITA MM Acryl - 4728
G EXHAUST METALIZER	ITA MM - 1406	
H ALUMINIUM METALIZER	ITA MM - 1401	
I STAINLESS STEEL METALIZER	ITA MM - 1402	

L MEDIUM GRAY	ITA MM - 1721	ITA MM Acryl - 4746
M FLAT RED	ITA MM - 1550	
N FLAT GREEN	ITA MM - 1571	
O CHROME SILVER	ITA MM - 1790	
P GUN METAL METALIZER	ITA MM - 1405	ITA MM Acryl - 4681
Q FLAT YELLOW	ITA MM - 1559	
R LIGHT GHOST GRAY	ITA MM - 1728	ITA MM Acryl - 4762
S GUNSHIP GRAY	ITA MM - 1723	ITA MM Acryl - 4752

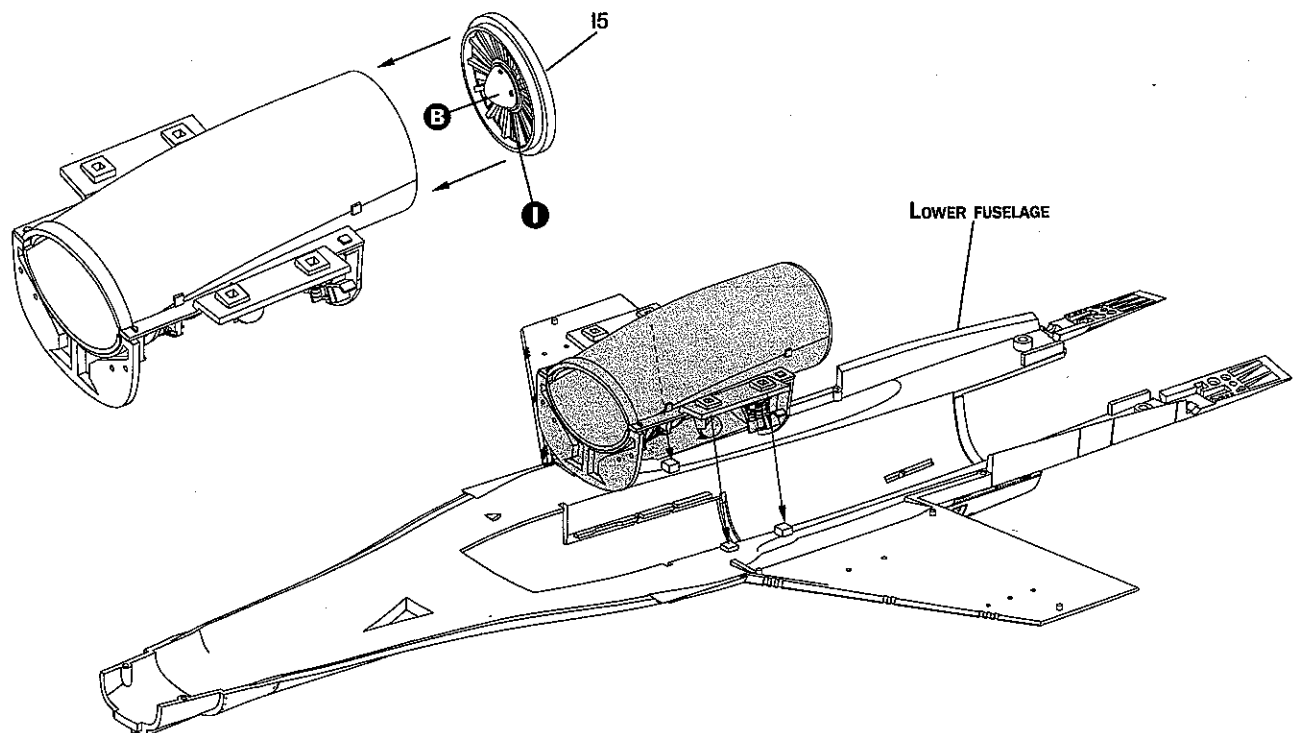
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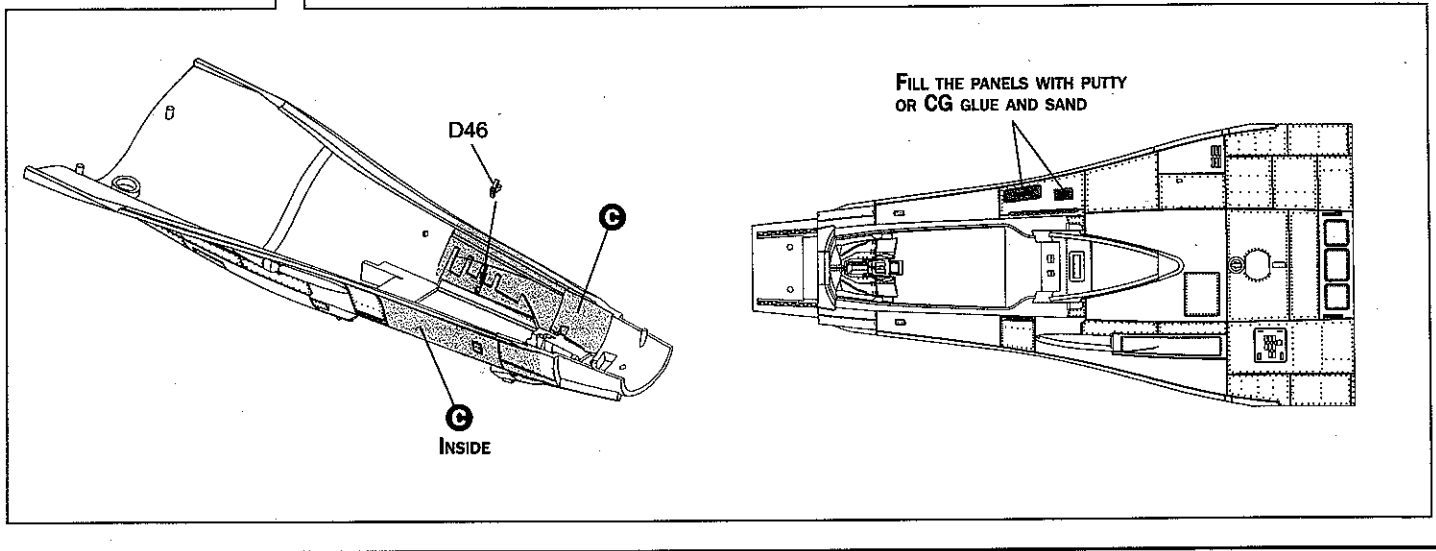
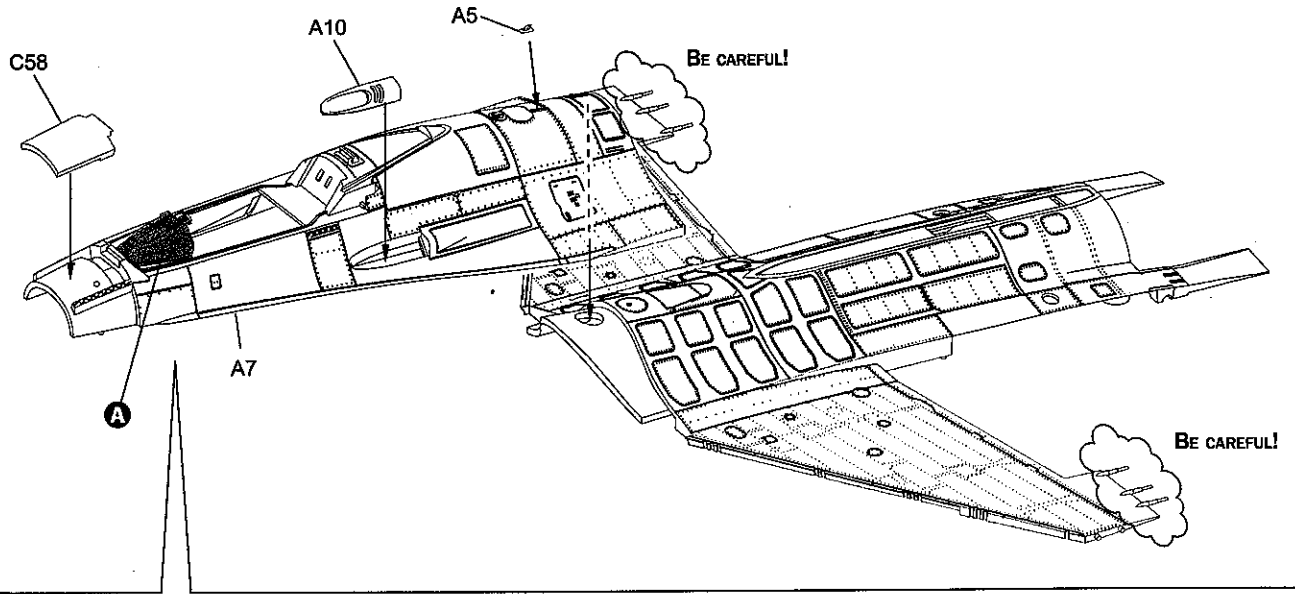
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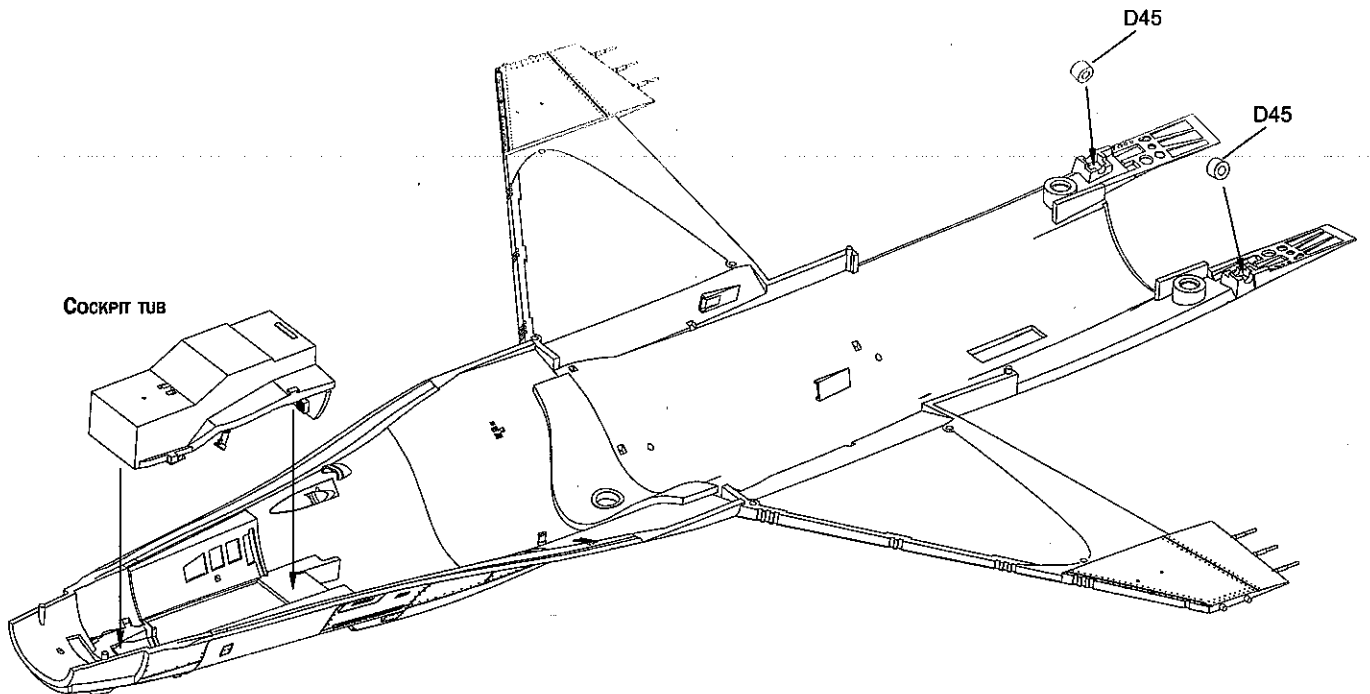
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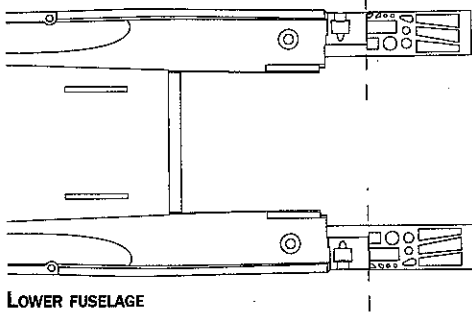
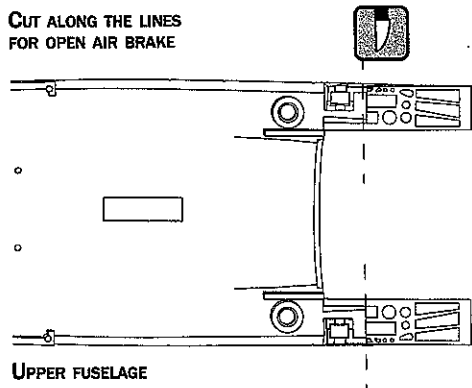


5



6

CUT ALONG THE LINES FOR OPEN AIR BRAKE

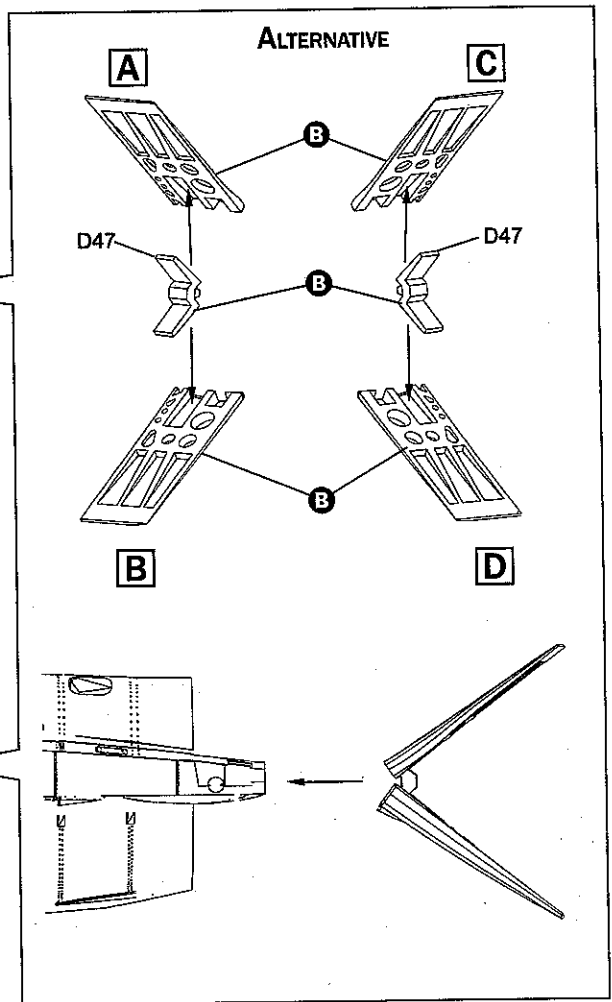


A

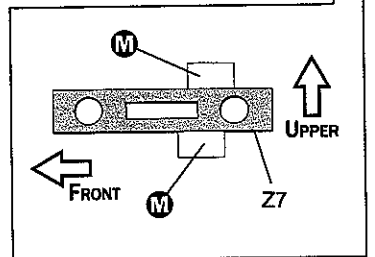
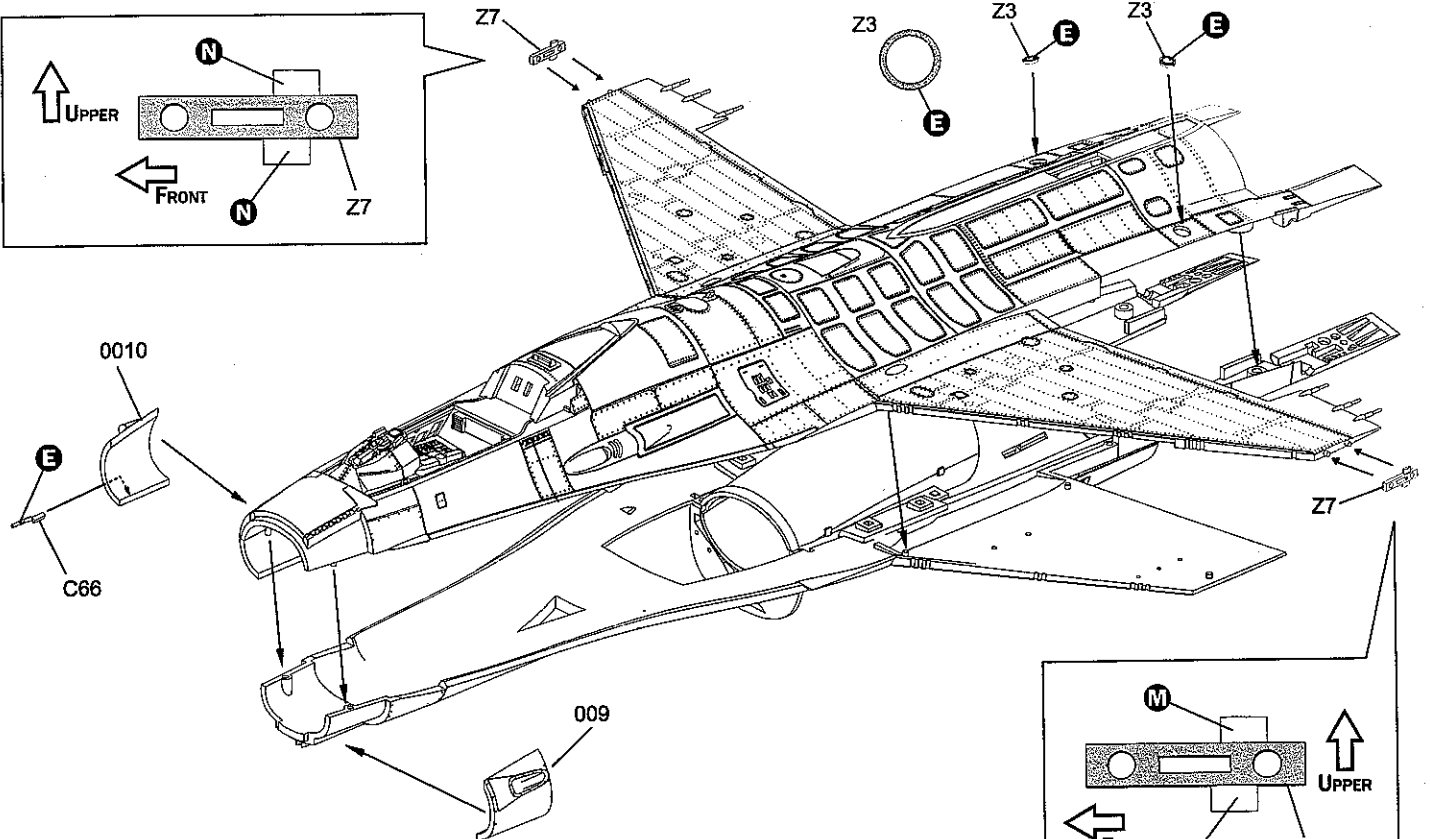
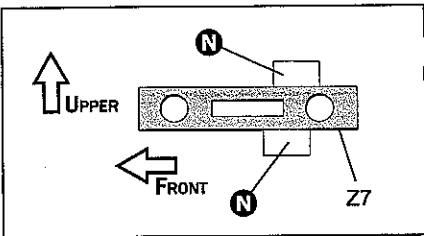
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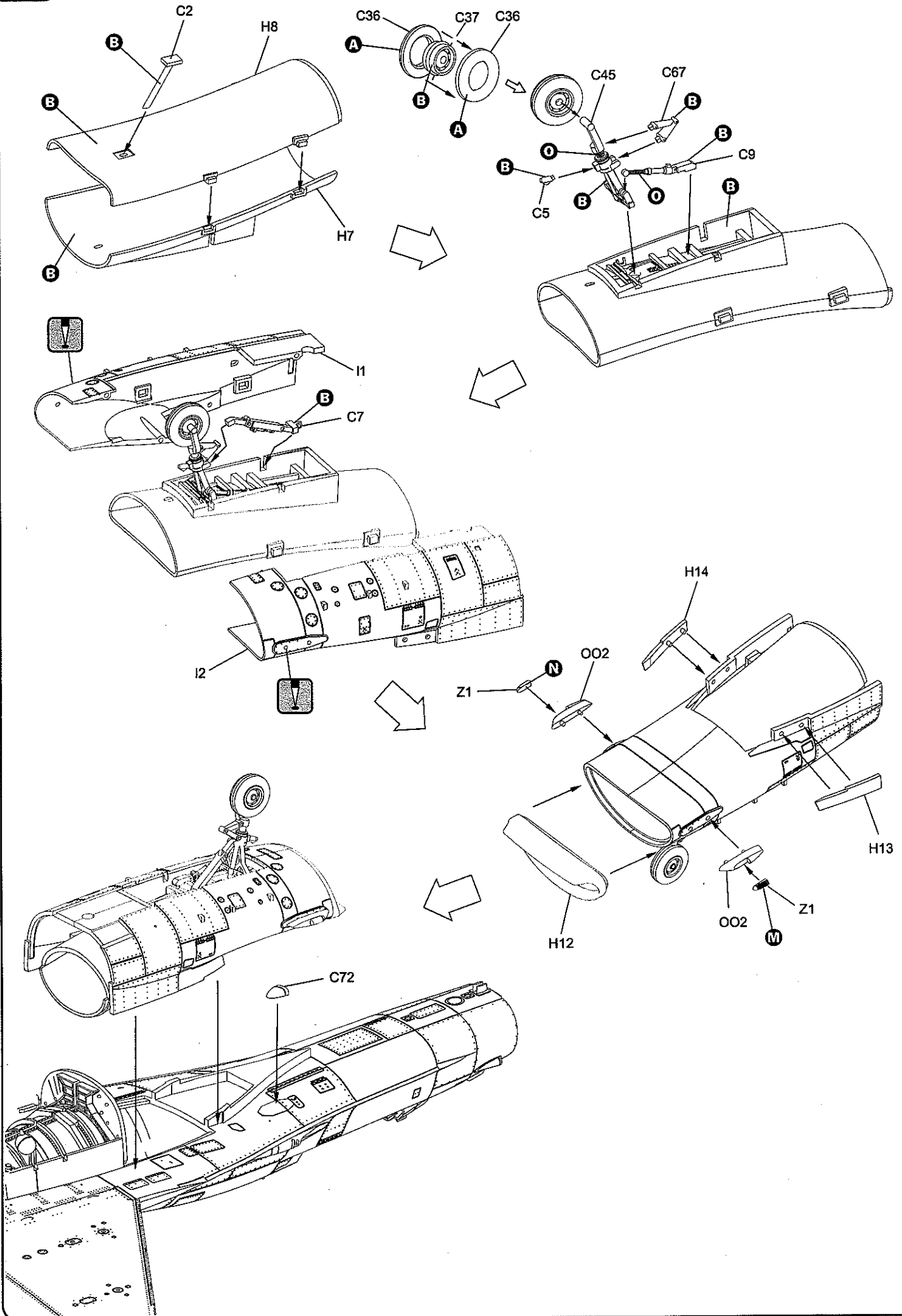
D

B



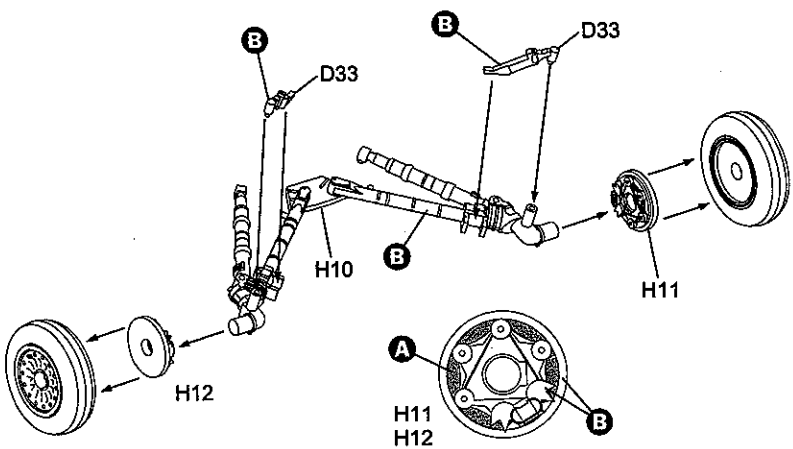
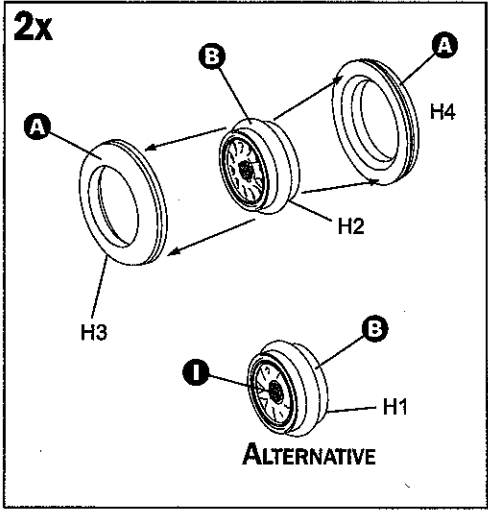
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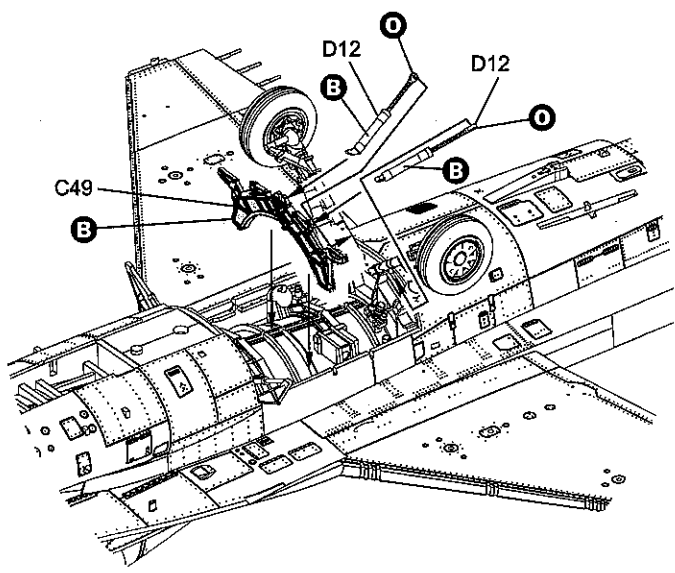
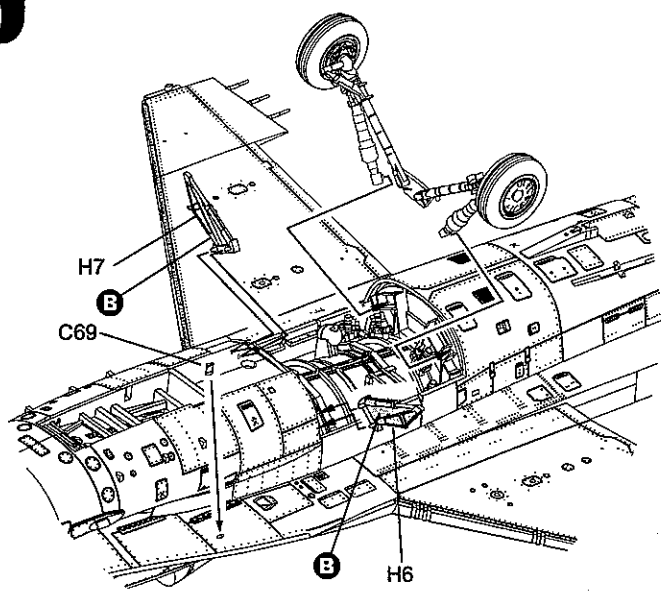


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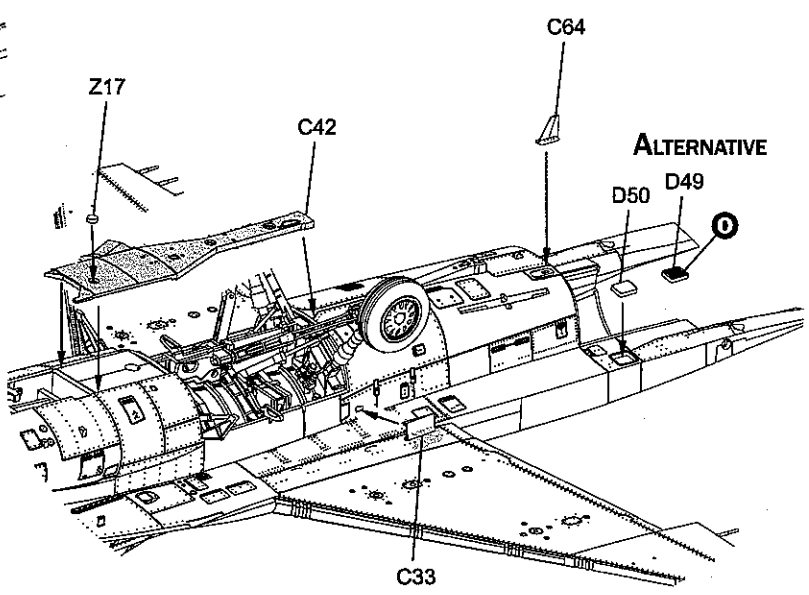
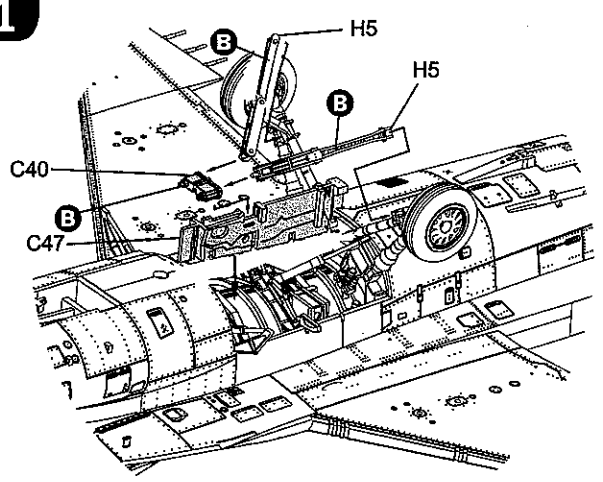
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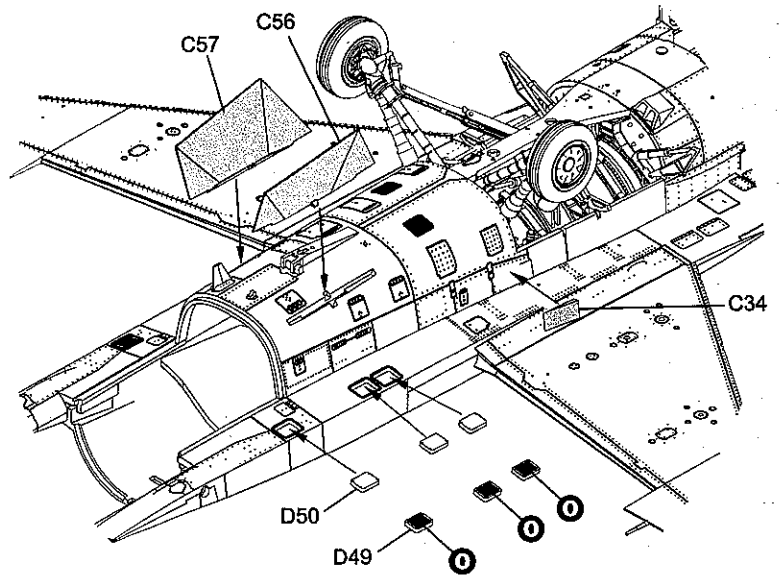
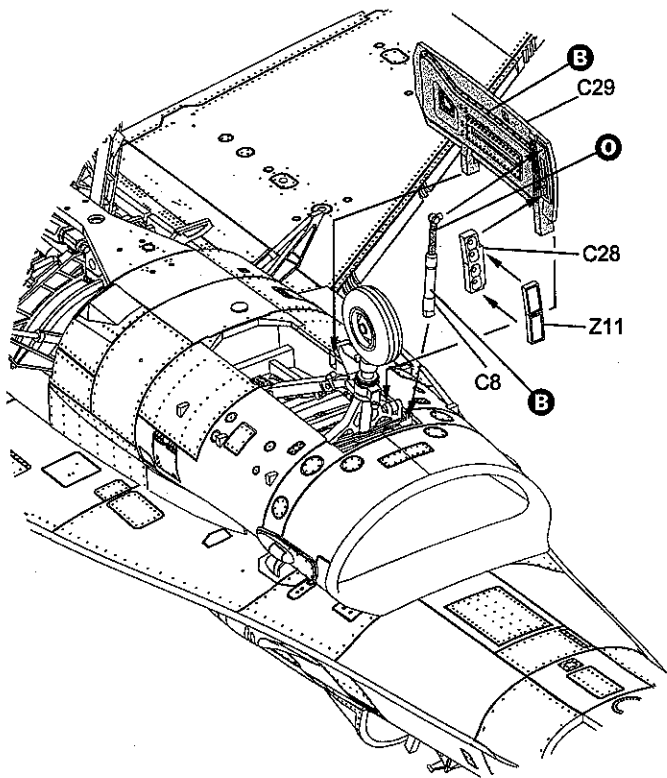


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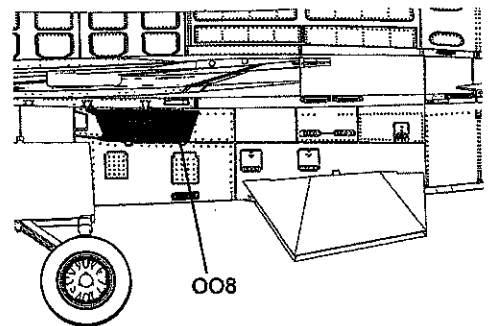
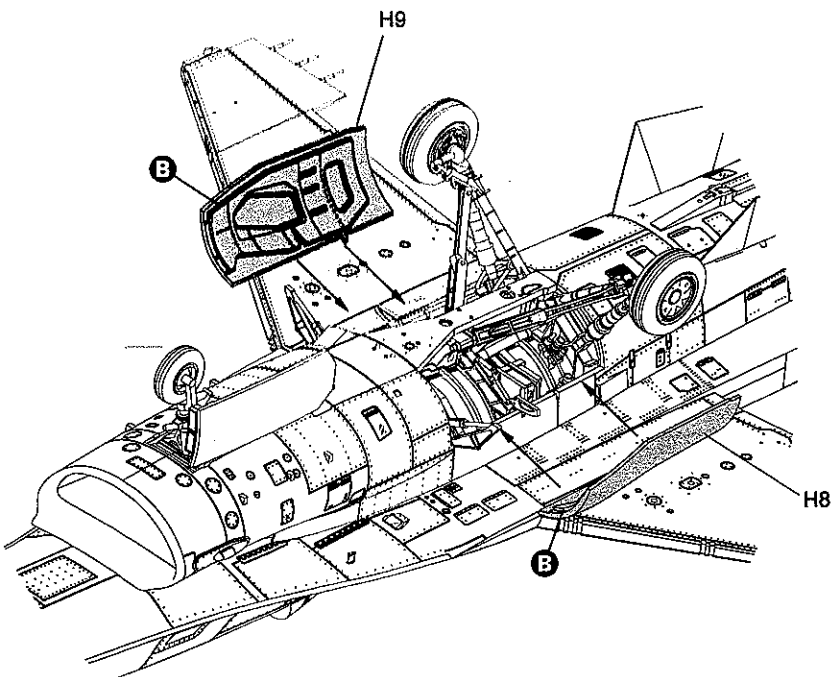


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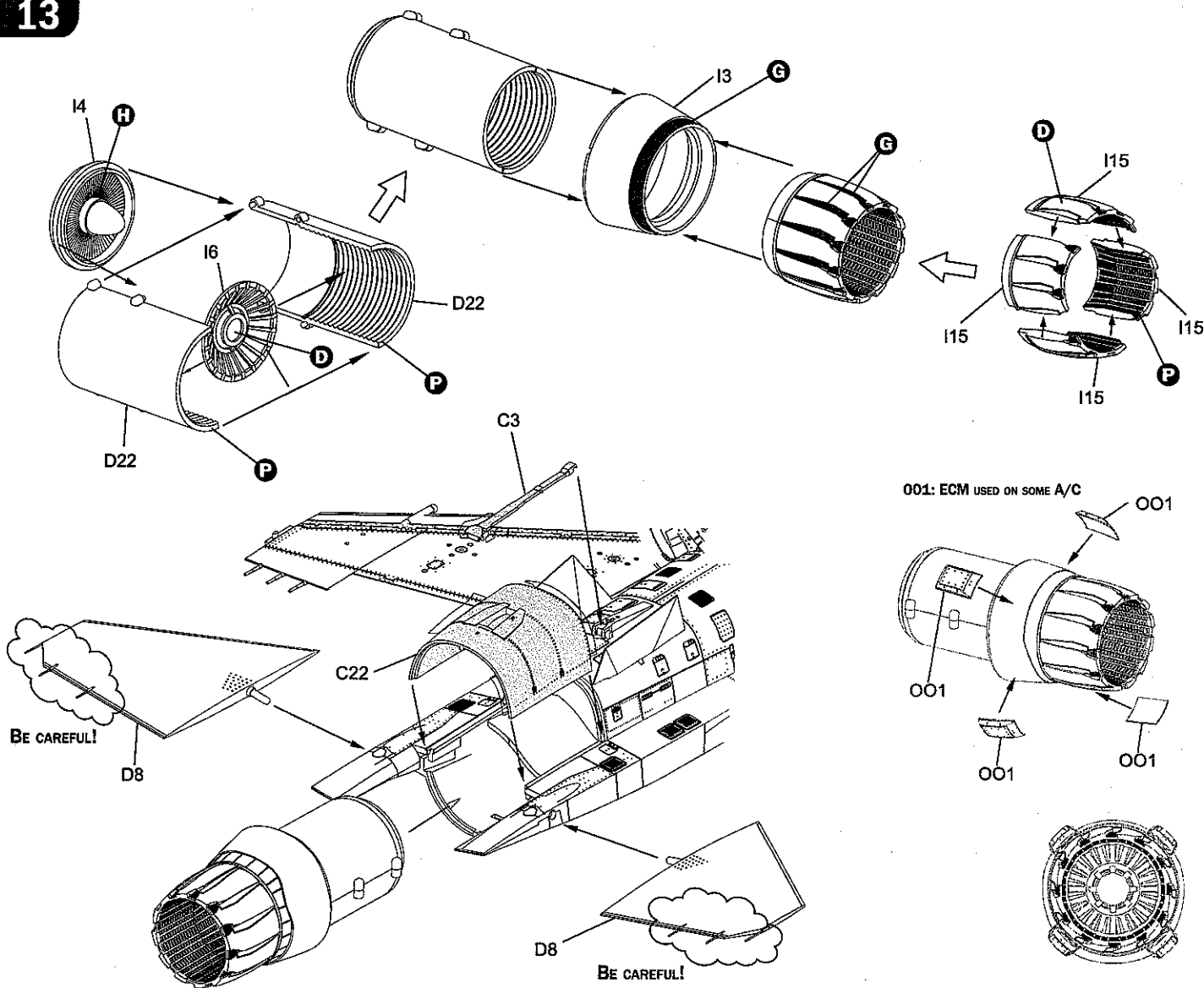


ALTERNATIVE

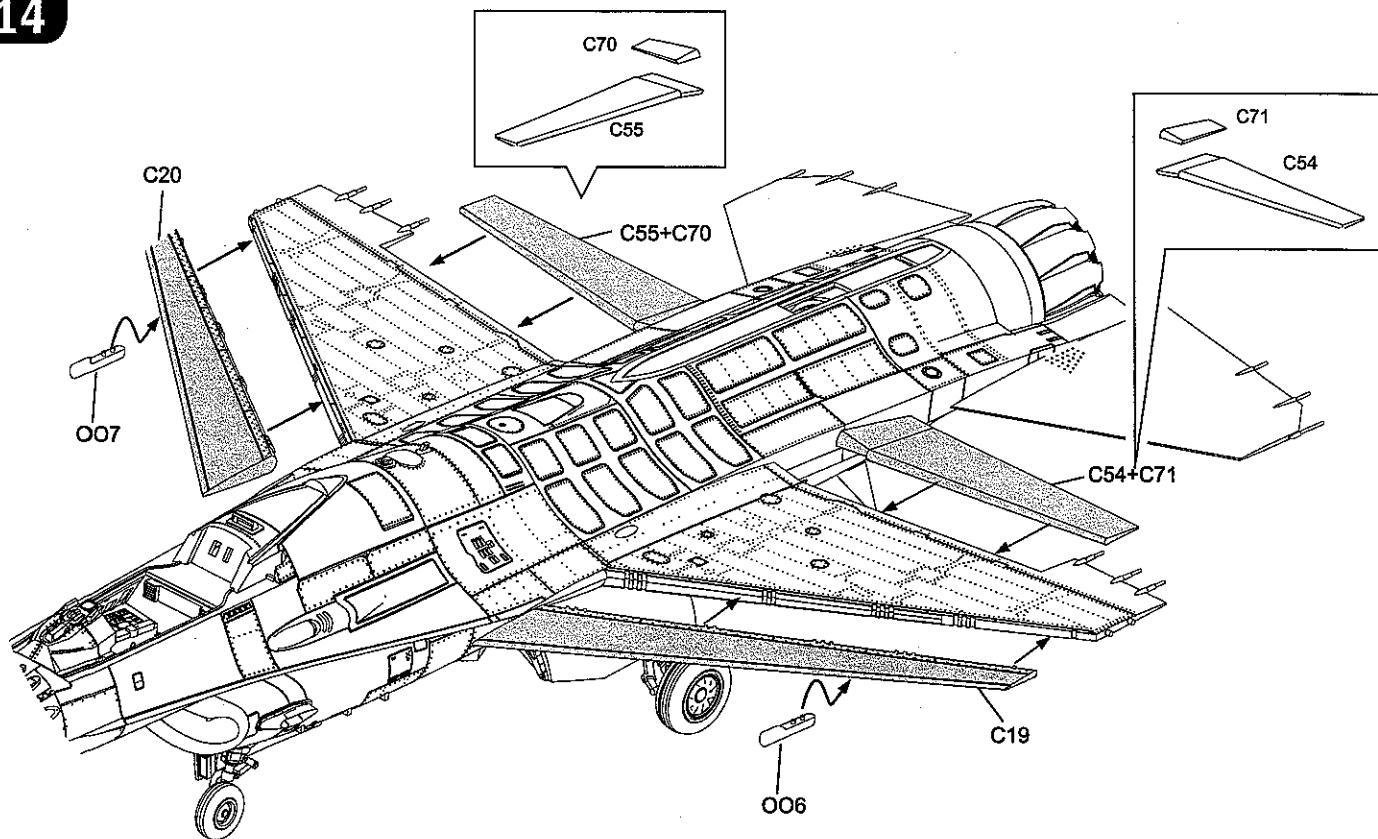


AIR INTAKE USED ON SOME IDF MODELS

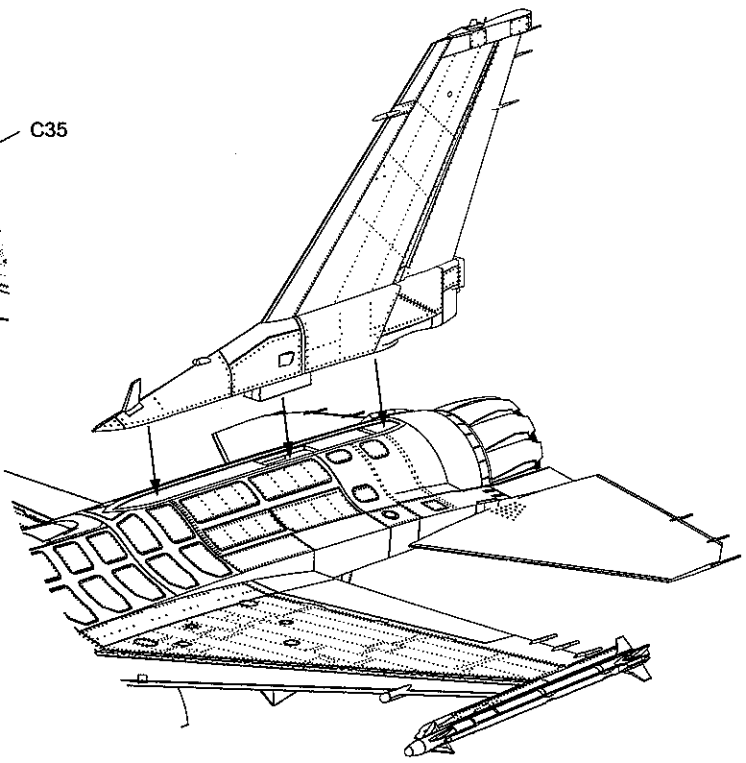
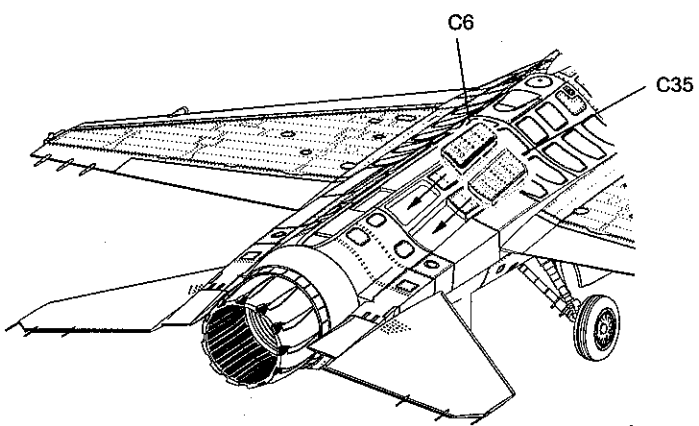
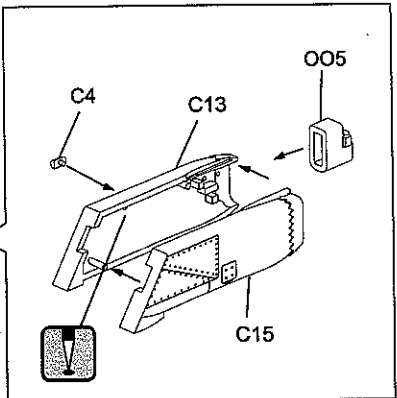
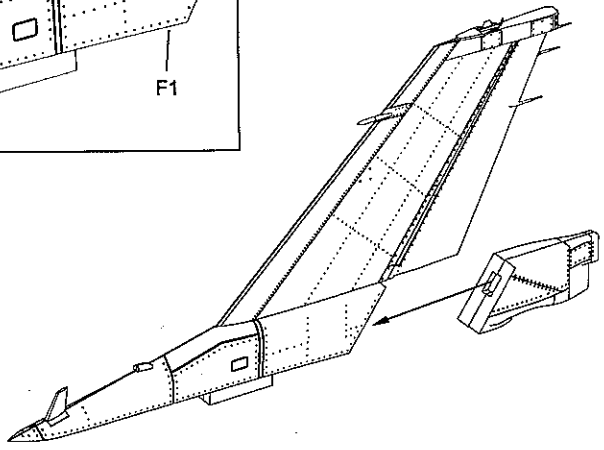
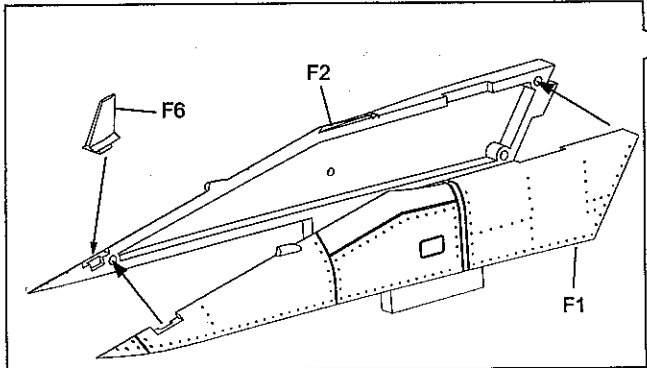
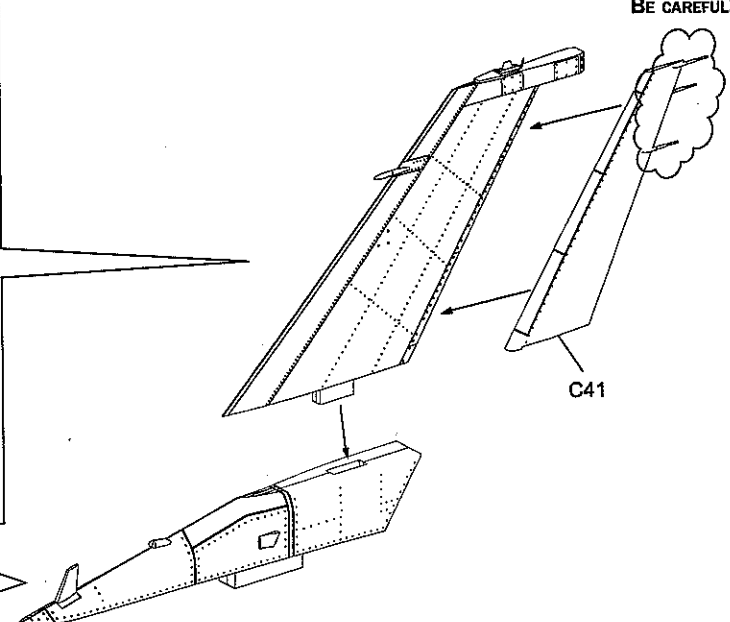
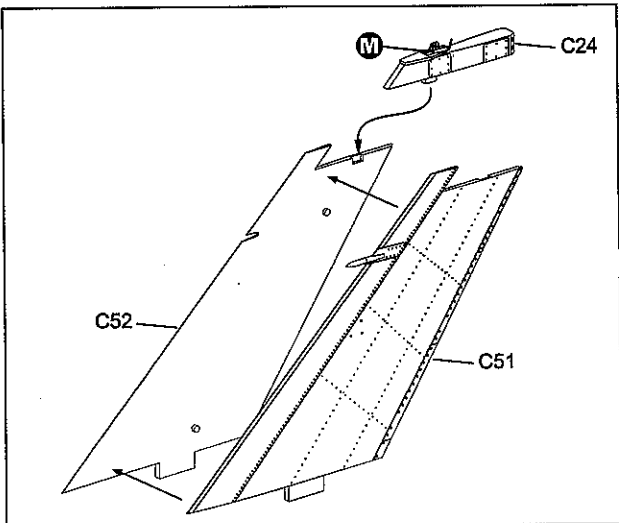
13



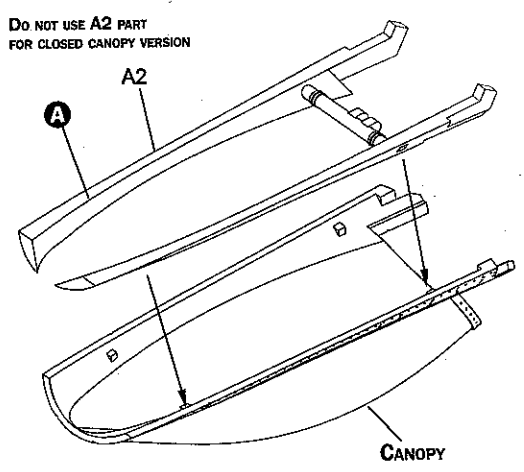
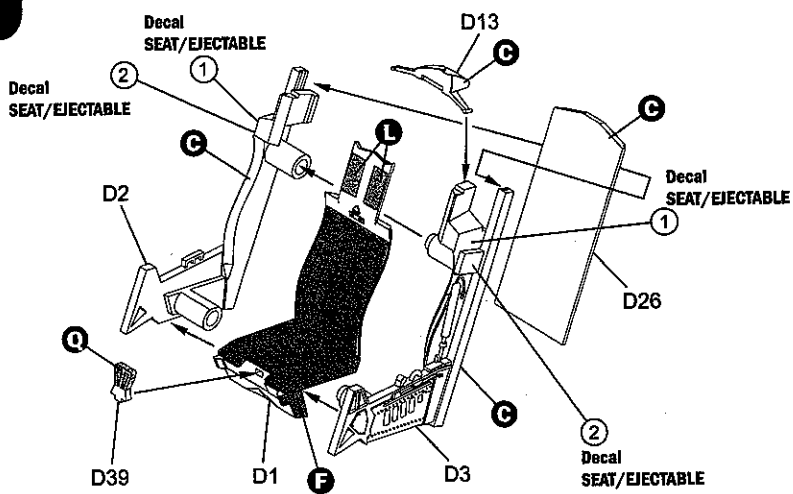
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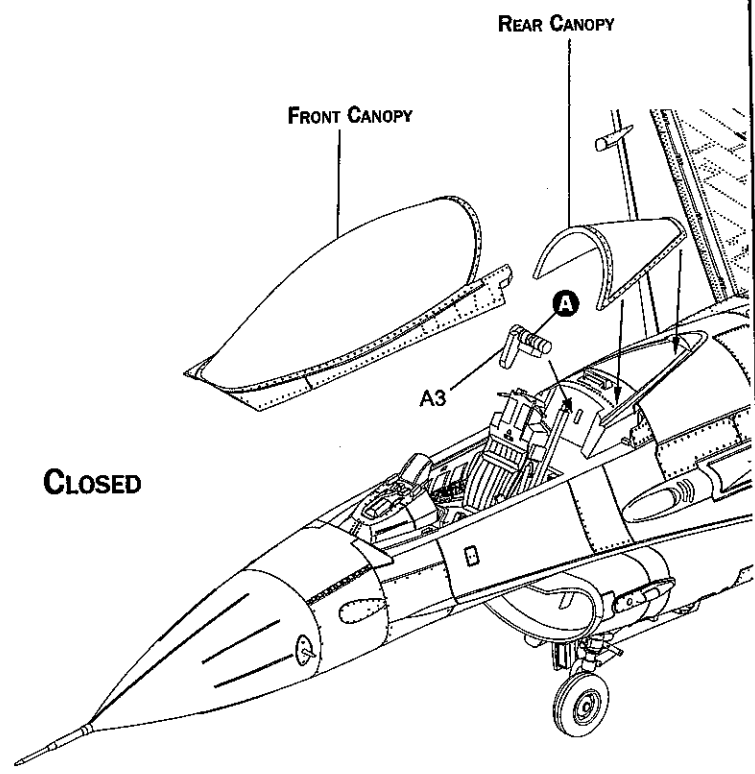
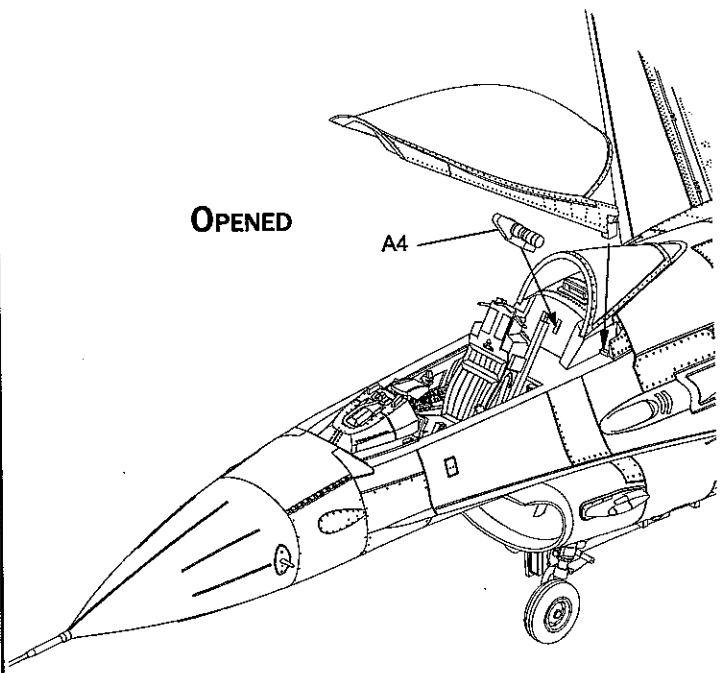
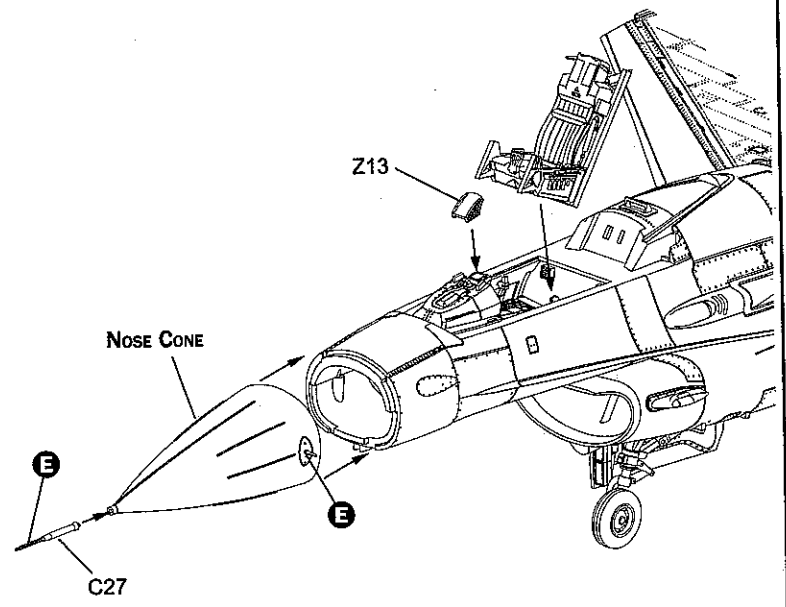
BE CAREFUL!



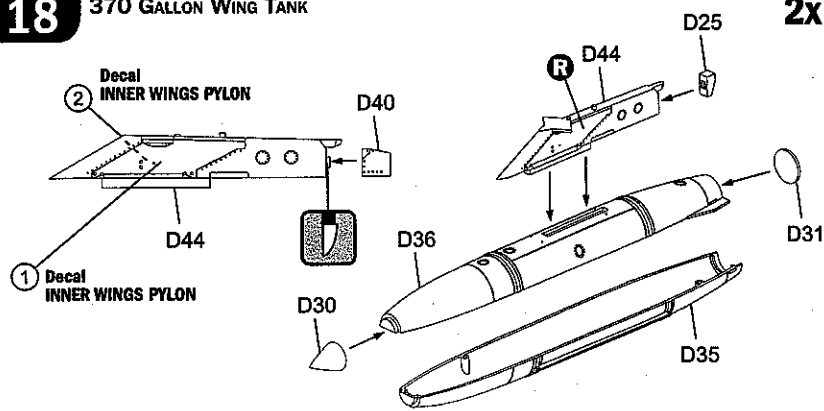
16



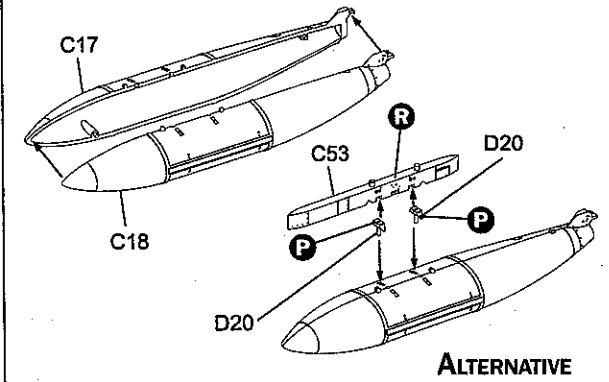
17



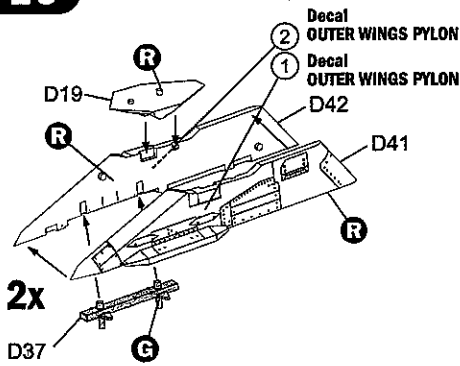
18 370 GALLON WING TANK



300 GALLON CENTERLINE TANK

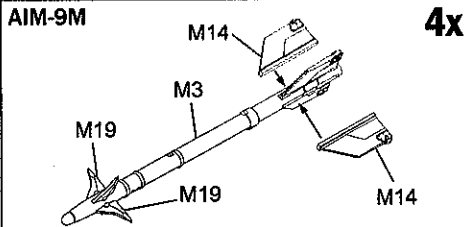


19 Decal OUTER WINGS PYLON

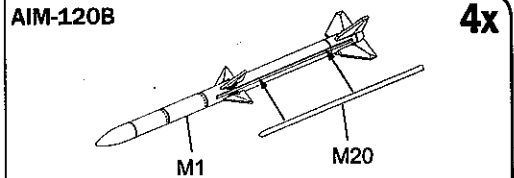


FOR USE WITH SINGLE GBU-15 AND SPICE

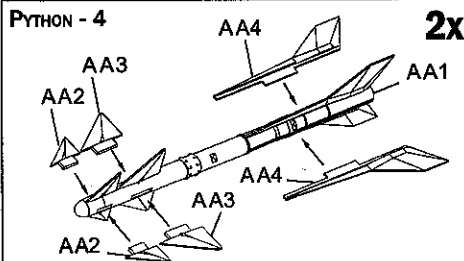
AIM-9M



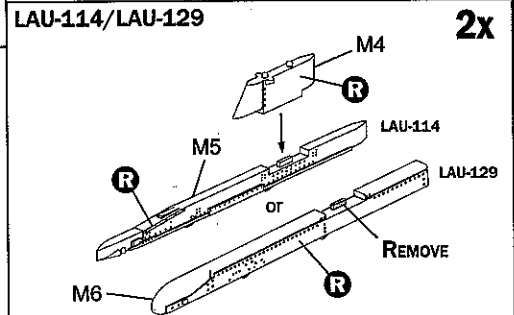
AIM-120B



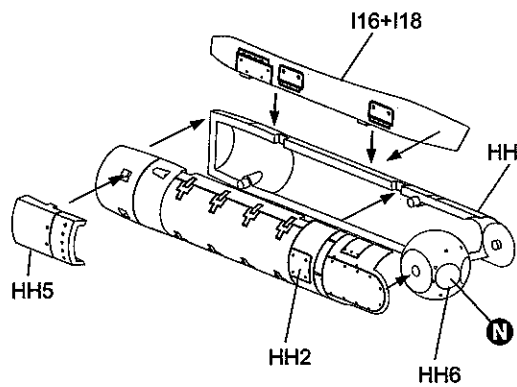
PYTHON - 4



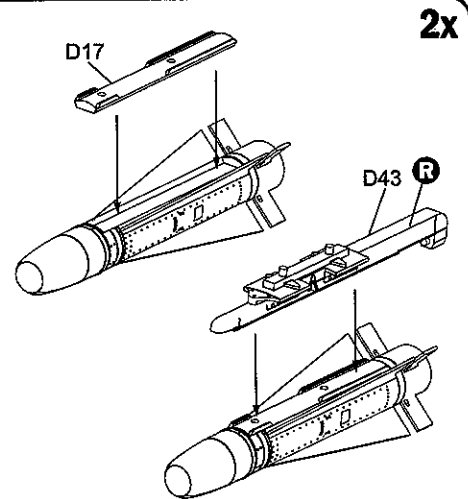
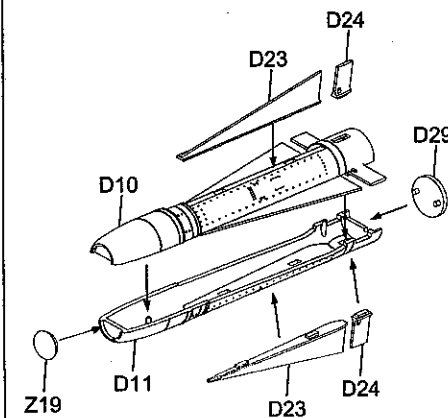
LAU-114/LAU-129



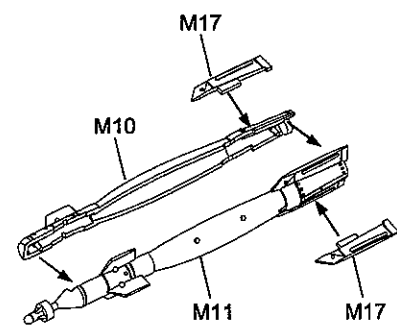
20 AAQ-28



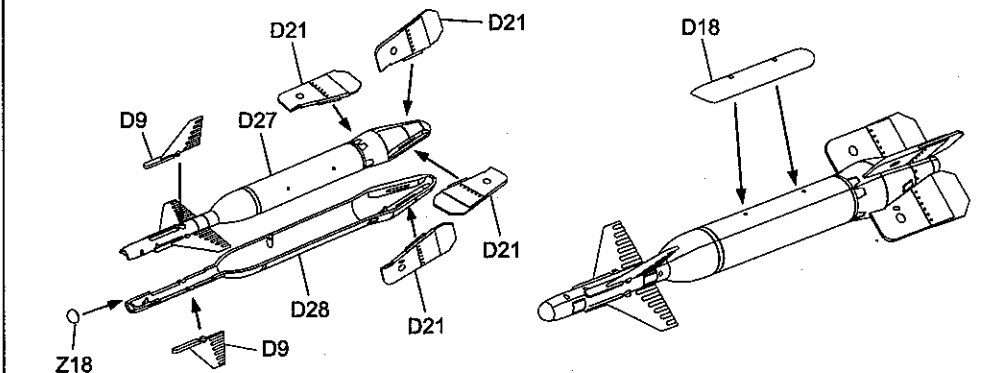
AGM-65



21 GBU-12

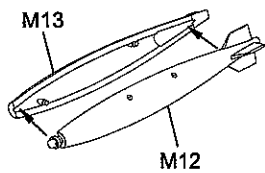


GBU-24

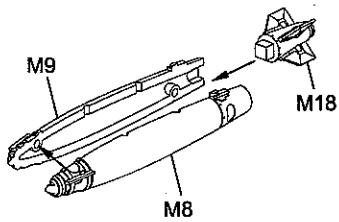


22

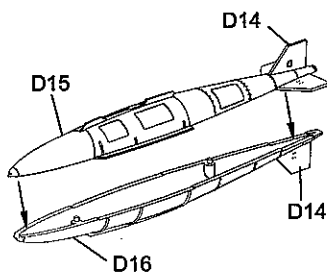
MK-82



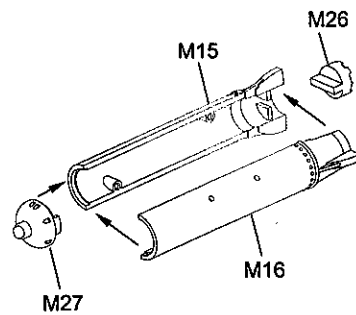
GBU-38



GBU-31



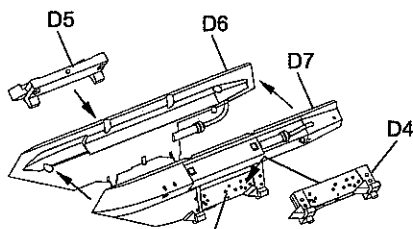
CBU-87

**23**

TER

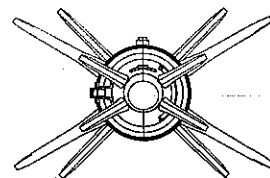
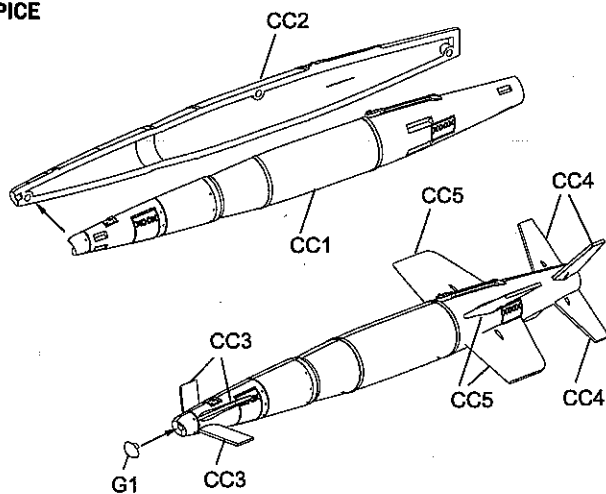
2x

SPICE



Decal
CFT PYLON

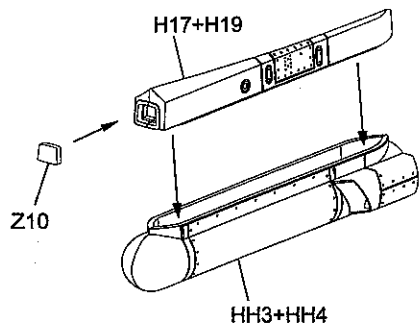
① Left
② Right



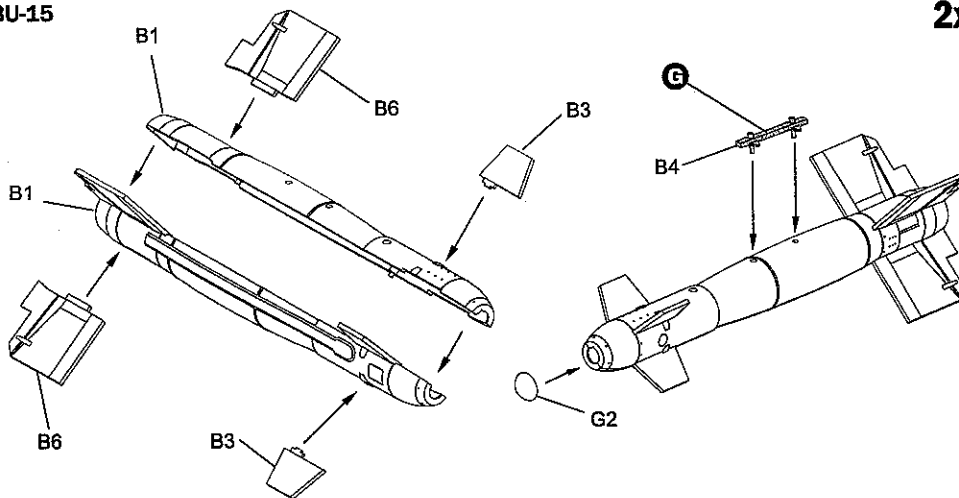
FRONT VIEW DRAWING TO SHOW
THE ANGLE OF THE FINS SHOULD BE
ATTACHED TO THE FUSELAGE.

24

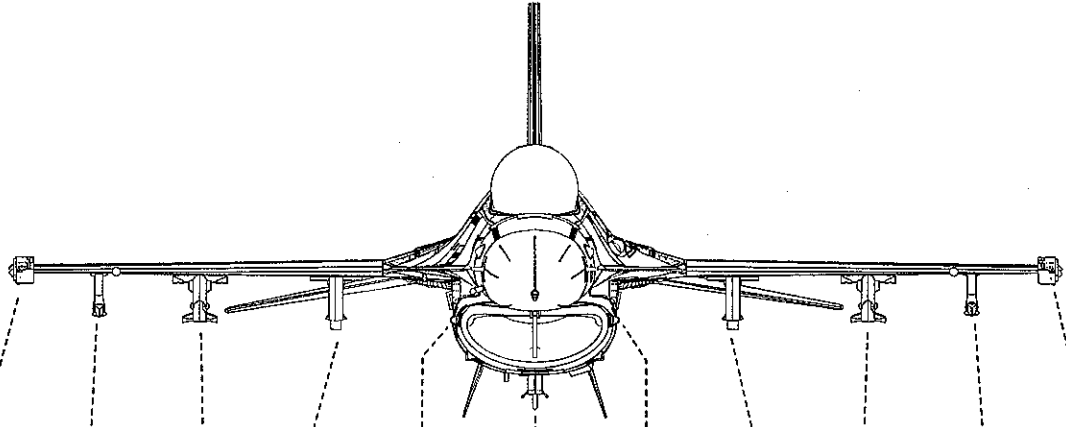
AN/AAQ-13



GBU-15

**2x**

External stores guide



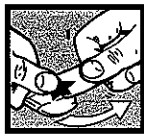
Station No. Weapons	9	8	7	6	5R	5	5L	4	3	2	1
LAU-114 (W/AIM-9M only)	●	●								●	●
LAU-129	●	●								●	●
AIM-9M	●	●								●	●
Python-4	●										●
AIM-120B (W/LAU-129 only)	●	●								●	●
SPICE									●		
MK.82			●						●		
MK.82 (W/TER)			● ●						● ●		
GBU-12			●						●		
GBU-12 (W/TER)			● ●						● ●		
GBU-31			●						●		
GBU-87			●						●		
GBU-87 (W/TER)			● ●						● ●		
GBU-38			●						●		
GBU-38 (W/TER)			● ●						● ●		
GBU-24			●						●		
AGM-65			●						●		
GBU-15			●						●		
370gal. Fuel tank				●				●			
300gal. Fuel tank						●					
AN/AAQ-13							●				
AAQ-28					●						

For a perfect application of the decals, we suggest using model master products 2145 or 2146.
 Per una perfetta applicazione delle decals, si consiglia l'uso dei prodotti model master 2145 oppure 2146.
 Für eine perfekte anbringung der decals wird die verwendung von modelmaster no. 2145 oder 2146 empfohlen.
 Pour une pose parfaite des decals, nous vous recommandons l'utilisation des produits à decals modelmaster réf. 2145 ou 2146.
 Voor het perfect aanbrengen van transfers, adviseren wij gebruik te maken van de model master producten 2145 of 2146.
 Para facilitar la colocación de las calcas y conseguir un resultado perfecto, sugerimos el uso de los productos 2145 o 2146 de model master.

Istruzioni per l'applicazione delle decalcomanie. Ritagliare le decalcomanie occorrenti dal foglio, immergerle in un bicchiere di acqua pulita per circa 10", metterle in posizione sul modello e farle scivolare dalla carta: per una migliore aderenza comprimerle con una pezzuola pulita.

Direction for applying the decals: cut the required decals out of the sheet; dip the into a glass of clean water for about 10"; position the decals on the kit, letting them slide from the paper. For a better adhesion, press them by means of a clean rag.

Påläggning av decal: klipp ut den decal som skall användas och doppa den i ett glas vatten under en 10". Sätt decalen på plats på modellen och låt den sakta glida av pappret. För att den skall sitta ordentligt, tryck till med en torr duk.



Anweisungen für Abziehbilder-Anbringung: Die benötigten Abziehbilder vom Blatt abschneiden, in ein Glas reines Wasser für etwa 10" einweichen, auf das Modell legen und dann vom Papierbogen abnehmen. Um eine bessere Haftung zu erzielen, die Abziehbilder mit einem reinen Tuch andrücken.

Instruction pour l'application des décalcomanies. Couper les décalcomanies choisies et les plonger environ 10" dans un peu d'eau propre. Les placer sur le modèle en les faisant glisser de leur feuille et presser avec un morceau de chiffon pour éliminer les bulles d'air.

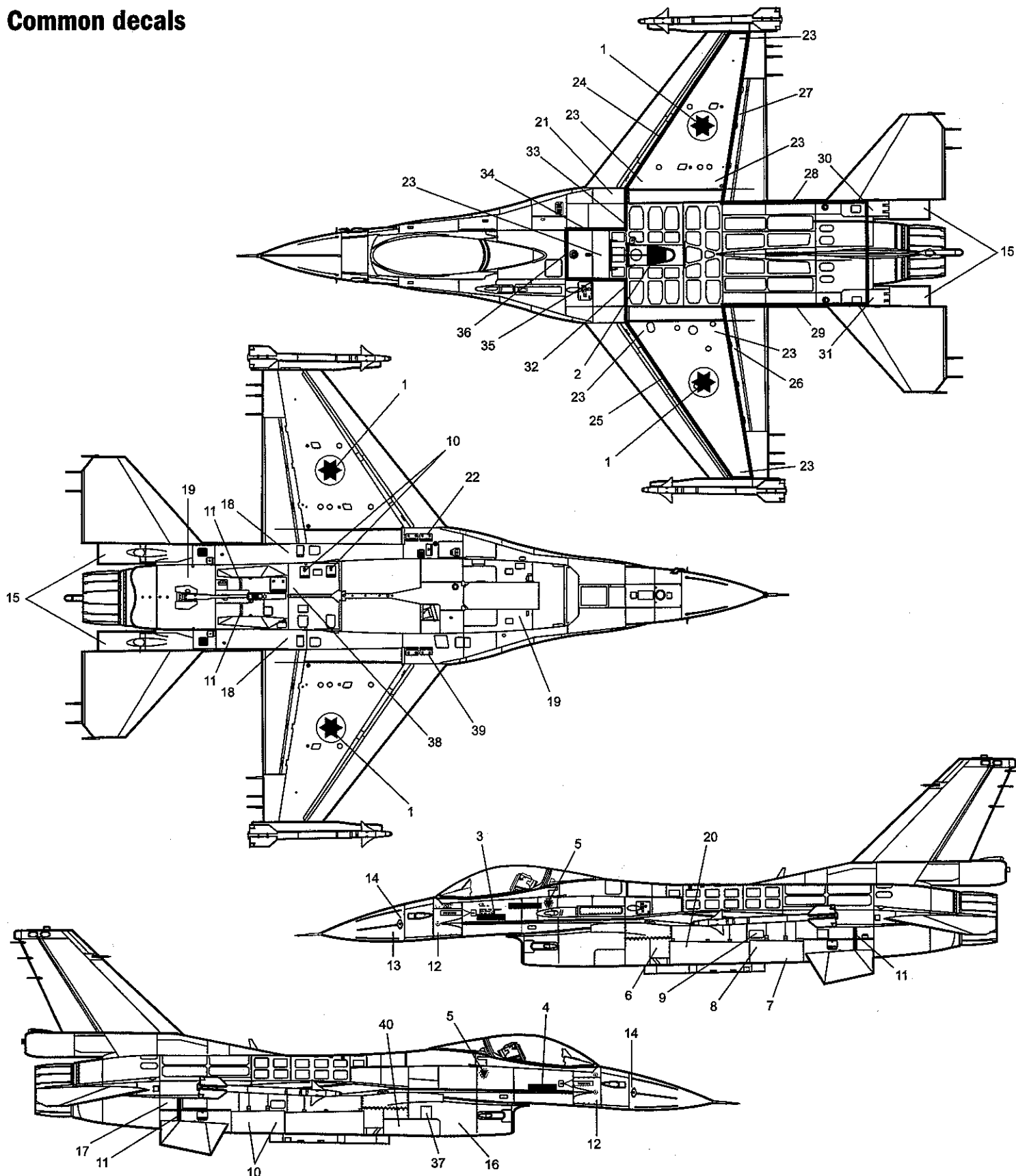
Instrucciones Para la aplicación de las calcomanías: cortar las requeridas, sumergirlas en un recipiente de agua limpia durante 10", colocar las calcomanías sobre el modelo, haciéndolas deslizar sobre el papel. Para una mejor adherencia, presionarlas con un trapito limpio.

Transfers: knip het benodigde deel uit, dempel et ca. 10" onder water, oudt het transfer tegen het model en schuif het vanaf het papier op zijn plaats. Met een schoon doekje aandrukken.

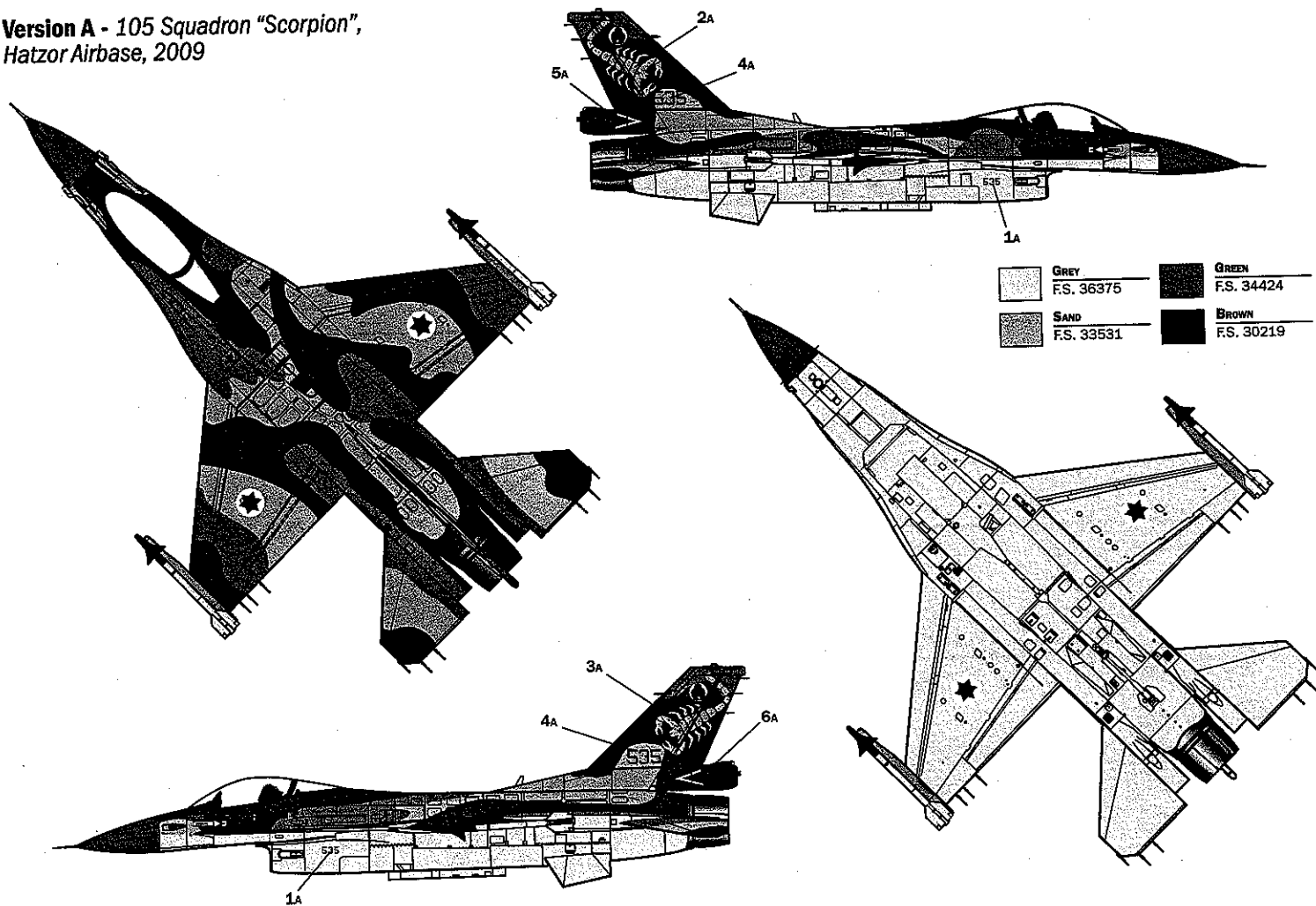
デカール使用法 台紙から、それぞれのマークを切り取り、ぬるま湯に約10分くらいつけて、引き上げます。マークをすべらすようにして台紙からとり、指定の位置にはつくります。やわらかな布でマークを押して気泡を落とす。マーク紙には、かわくよで字をふれないでください。

Указания по применению декалей: Отрежьте нужную вам часть декали от общего листа, поместите ее на 1/2 минуты в чистую воду, затем, выбрав необходимое место на модели, переведите туда изображение, сдвинув его с бумажной основы. Для лучшего прилипания промажьте декаль чистой тряпочкой.

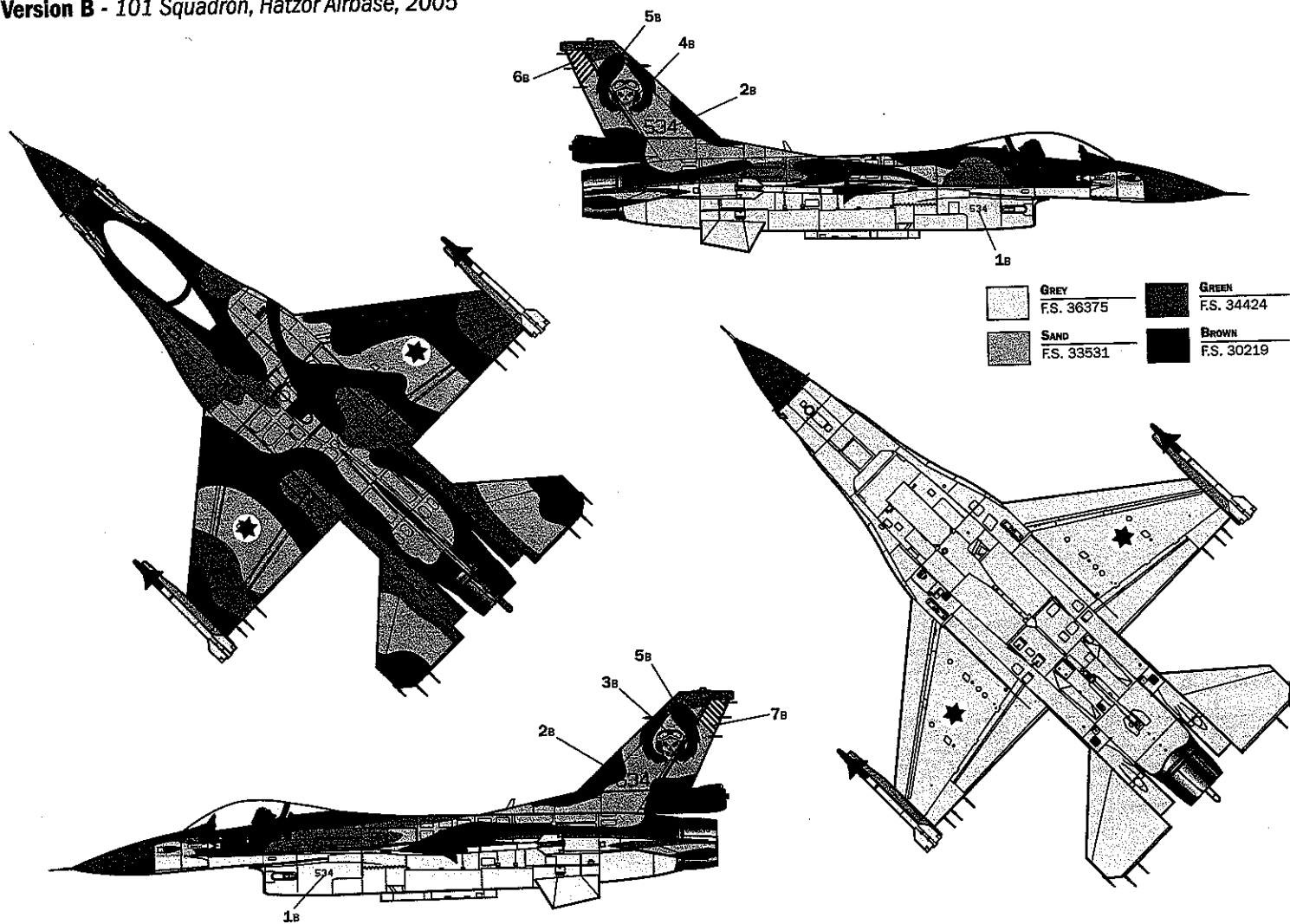
Common decals



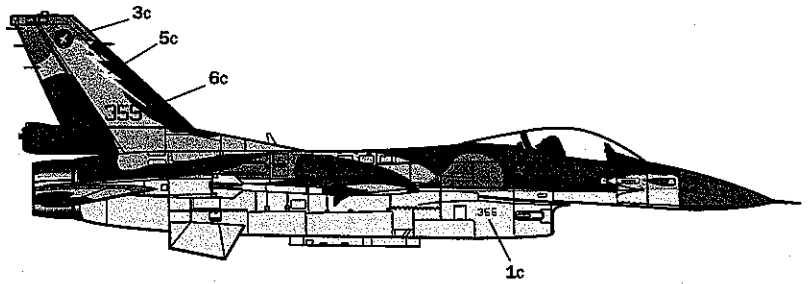
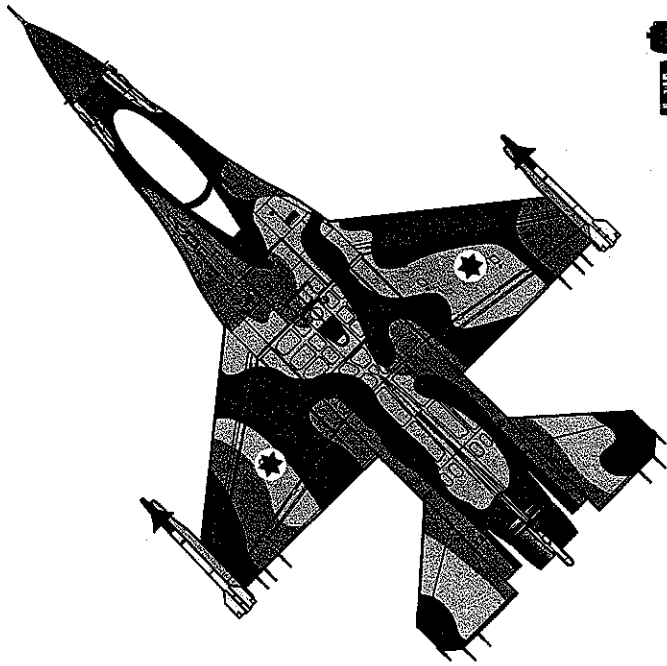
**Version A - 105 Squadron "Scorpion",
Hatzor Airbase, 2009**



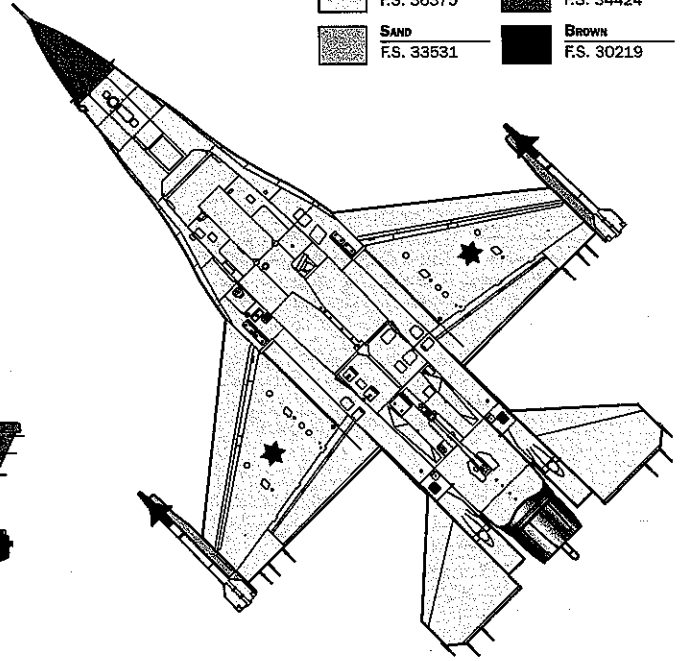
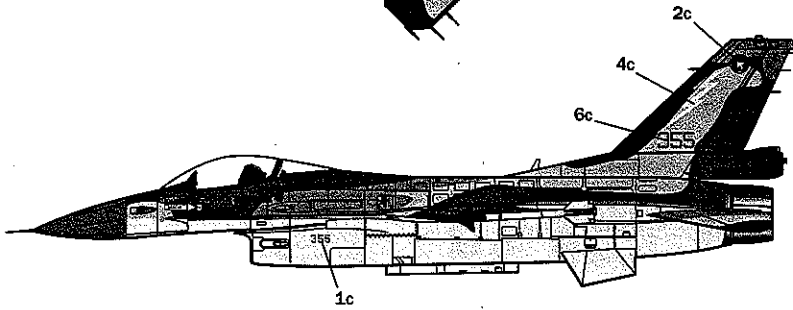
Version B - 101 Squadron, Hatzor Airbase, 2005



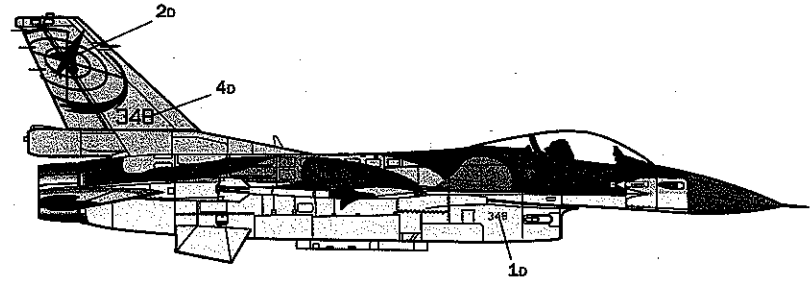
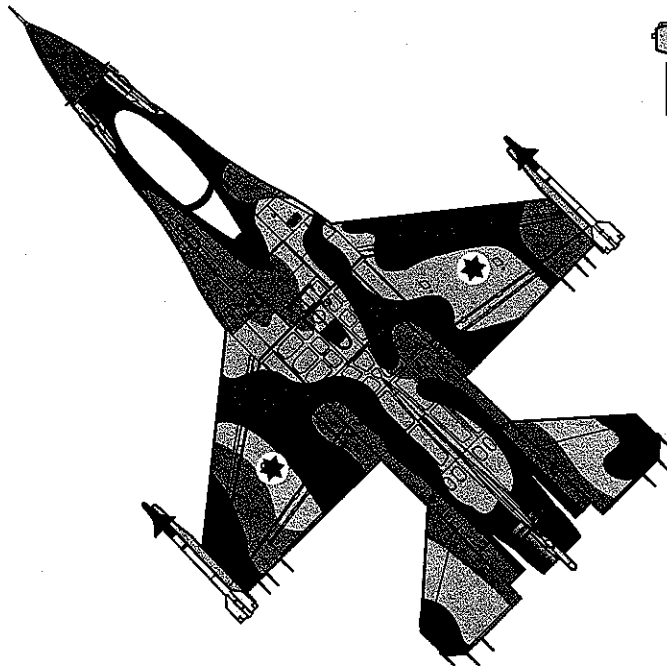
**Version C - 117 Squadron "First jet",
Ramat David Airbase, 2008**



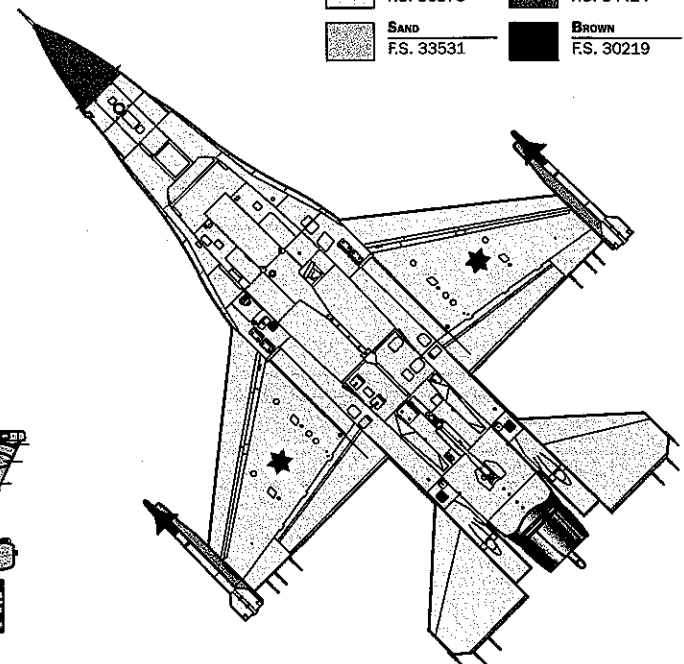
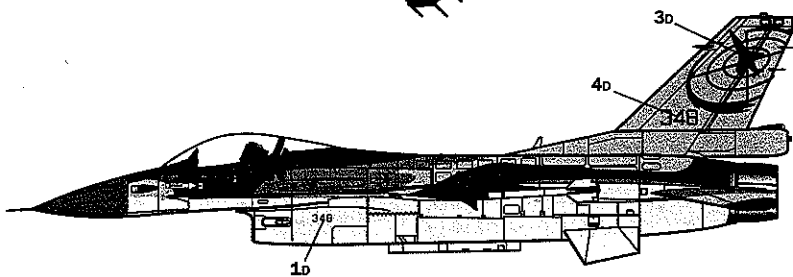
	GREY F.S. 36375		GREEN F.S. 34424
	SAND F.S. 33531		BROWN F.S. 30219

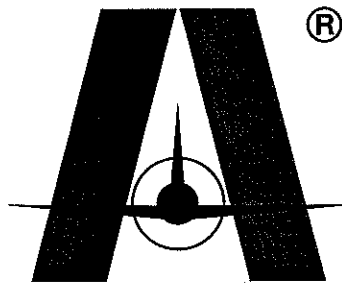


**Version D - 117 Squadron "First jet",
Ramat David Airbase, 2007**



	GREY F.S. 36375		GREEN F.S. 34424
	SAND F.S. 33531		BROWN F.S. 30219





ITALERI

No. 2686 - F-16C "Barak"

NAME
NOME
NAME
NOM
NOMBRE
NAAM

ADDRESS
INDIRIZZO
ADRESSE
ADRESSE
DIRECCION
ADRES

TOWN
CITTÀ
STADT
VILLE
CIUDAD
GEMEENTE

POSTAL CODE
C.A.P.
POSTALZAHN
CODE POSTALE
CODIGO POSTAL
POSTCODE

COUNTRY
NAZIONE
LAND
PAYS
PAIS
LAND

DATE OF BIRTH
DATA DI NASCITA
GEBURTSDATUM
DATE DE NAISSANCE
NACIDO/A EL
GEBORTE DATUM

DEFECTIVE PARTS
PARTI DIFETTOSE
DEFEKTE TEILE
PIECES DEFECTUEUSES
PIEZAS DEFECTUOSAS
DEFECTE ONDERDELEN

PLACE OF PURCHASE
ACQUISTATO PRESSO
ORT DES KAUFES
LIEU D'ACHAT
LUGAR DE COMPRA
PLAATS VAN AANKOOP

Retail Store
Negozio
Einzelhandel
Detaillant
Detailista
Detailhandel

Hyper Market
Grande Magazzino
Andere
Grande Surface
Gran Almacen
Hypermarkt

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