Heller

F-16A (MLU) - NATO ALLIANCE

82306



Français

Le F-16 est un chasseur à missions multiples initialement développé pour l'armée de l'air américaine (USAF). Conçu à l'origine comme un chasseur de jour destiné à assurer la supériorité aérienne, il est devenu un avion polyvalent et performant, capable de voler par tous les temps. Plus de 4 600 avions ont été construits depuis 1976. Bien que l'USAF ne reçoive plus d'avions, des versions modernisées sont construites pour les clients export.

Le F-16 a été fabriqué dans le cadre d'un consortium créé entre les États-Unis et quatre pays de l'OTAN : la Belgique, le Danemark, les Pays-Bas et la Norvège. Avec les États-Unis, ils ont d'abord produit 348 F-16 pour leurs forces aériennes. L'assemblage final des cellules d'aéronefs a été réalisé en Belgique et aux Pays-Bas.

Les composants destinés aux F-16 ont été fabriqués dans ces cinq pays. La Belgique a également pris en charge l'assemblage final du moteur F100 utilisé dans les F-16 européens. Cela permet d'accroître l'approvisionnement et la disponibilité des pièces de rechange en Europe et d'améliorer la disponibilité opérationnelle des F-16.

Longueur	15,09 m
Largeur	9,45 m
Hauteur	5,09 m
Envergure	9,45 m
Vitesse	Mach 2,02 / 2142 km/h
Moteur	1× Pratt & Whitney F100-PW-220E
Puissance	105,7 kN

English

F-16 is a multi-role fighter aircraft originally developed for the United States Air Force (USAF). Originally designed as a day fighter for air superiority, it evolved into a successful all-weather multi-role aircraft. Over 4,600 aircraft have been built since 1976. Although the USAF is no longer receiving any further aircraft, upgraded versions are being built for export customers.

The F-16 was manufactured as part of a consortium established between the United States and the four NATO countries: Belgium, Denmark, the Netherlands and Norway. Together with the United States, they initially produced 348 F-16s for their air forces. Final assembly of the airframes took place in Belgium and the Netherlands.

The components for the F-16 were manufactured in all five countries. Belgium also carried out the final assembly of the F100 engine, which was used in the European F-16s. This increases the supply and availability of spare parts in Europe and improves the operational readiness of the F-16.

Length	15,09 m
Width	9,45 m
Height	5,09 m
Wingspan	9,45 m
Speed	Mach 2,02 / 2142 km/h
Engine	1× Pratt & Whitney F100-PW-220E
Power	105,7 kN

Deutsch

Die F-16 ist ein Mehrzweckkampfflugzeug, das ursprünglich für die United States Air Force (USAF) entwickelt wurde. Ursprünglich als Tagesjäger zur Luftüberlegenheit konzipiert, entwickelte es sich zu einem erfolgreichen Allwetter-Mehrzweckflugzeug. Seit 1976 wurden über 4.600 Flugzeuge gebaut. Obwohl die USAF keine weiteren Flugzeuge mehr erhält, werden für Exportkunden modernisierte Versionen gebaut.

Die F-16 wurde im Rahmen eines Konsortiums hergestellt, das zwischen den Vereinigten Staaten und den vier NATO-Ländern Belgien, Dänemark, den Niederlanden und Norwegen gegründet wurde. Zusammen mit den Vereinigten Staaten produzierten sie zunächst 348 F-16 für ihre Luftstreitkräfte. Die Endmontage der Flugzeugzellen erfolgte in Belgien und den Niederlanden.

Die Komponenten für die F-16 wurden in allen fünf Ländern hergestellt. Belgien übernahm zudem die Endmontage des F100-Triebwerks, das in den europäischen F-16 zum Einsatz kam. Dies erhöht die Versorgung und Verfügbarkeit von Ersatzteilen in Europa und verbessert die Einsatzbereitschaft der F-16.

Länge	15,09 m
Breite	9,45 m
Höhe	5,09 m
Spannweite	9,45 m
Höchstgeschwindigkeit	Mach 2,02 / 2142 km/h
Motor	1× Pratt & Whitney F100-PW-220E
Leistung	105,7 kN

Español

El F-16 es un avión de combate polivalente desarrollado originalmente para la Fuerza Aérea de los Estados Unidos (USAF). Concebido inicialmente como caza diurno cuyo objetivo era lograr la superioridad aérea, se convirtió en un exitoso avión polivalente apto para todo tipo de condiciones meteorológicas. Desde 1976 se han construido más de 4600 aviones. Aunque la USAF ya no recibe más aviones, se están fabricando versiones modernizadas para clientes de exportación.

El F-16 se fabricó en el marco de un consorcio creado entre Estados Unidos y los cuatro países de la OTAN: Bélgica, Dinamarca, Países Bajos y Noruega. Junto con Estados Unidos, estos países produjeron inicialmente 348 aeronaves F-16 para sus fuerzas aéreas. El ensamblaje final de las células de las aeronaves se llevó a cabo en Bélgica y en los Países Bajos.

Los componentes para los F-16 se fabricaron en los cinco países. Bélgica también se encargó del ensamblaje final del motor F100, que se utilizó en los F-16 europeos. Esto aumenta la capacidad de suministro y la disponibilidad de piezas de repuesto en Europa, y mejora la disponibilidad operativa de los F-16.

Longitud	15,09 m
Anchura	9,45 m
Altura	5,09 m
Envergadura	9,45 m
Velocidad máxima	Mach 2,02 / 2142 km/h
Motor	1× Pratt & Whitney F100-PW-220E
Potencia	105,7 kN

Italiano

L'F-16 è un aereo da combattimento multiruolo, originariamente sviluppato per l'Aeronautica Militare degli Stati Uniti (USAF, United States Air Force). Concepito inizialmente come caccia diurno per la superiorità aerea, si è evoluto in un velivolo multiruolo per tutte le condizioni atmosferiche di grande successo. Dal 1976 ne sono stati costruiti oltre 4.600 esemplari. Sebbene l'USAF non riceva più nuovi velivoli, vengono costruite versioni modernizzate per i clienti esteri.

L'F-16 è stato prodotto nell'ambito di un consorzio istituito tra gli Stati Uniti e i quattro paesi della NATO: Belgio, Danimarca, Paesi Bassi e Norvegia. Insieme agli Stati Uniti, questi paesi hanno inizialmente prodotto 348 F-16 per le proprie forze aeree. L'assemblaggio finale delle cellule degli aerei è avvenuto in Belgio e nei Paesi Bassi.

I componenti per l'F-16 sono stati prodotti in tutti e cinque i paesi. Il Belgio si è inoltre occupato dell'assemblaggio finale del motore F100, utilizzato negli F-16 europei. Ciò aumenta l'approvvigionamento e la disponibilità di pezzi di ricambio in Europa e migliora la prontezza operativa degli F-16.

Lunghezza	15,09 m
Larghezza	9,45 m
Altezza	5,09 m
Apertura alare	9,45 m
Velocità massima	Mach 2,02 / 2142 km/h
Motore	1× Pratt & Whitney F100-PW-220E
Potenza	105,7 kN

Nederlands

De F-16 is een multifunctioneel gevechtsvliegtuig dat oorspronkelijk werd ontwikkeld voor de United States Air Force (USAF). Het werd oorspronkelijk ontworpen als dagjager voor luchtovermacht en heeft zich ontwikkeld tot een succesvol multifunctioneel vliegtuig voor alle weersomstandigheden. Sinds 1976 zijn er meer dan 4.600 vliegtuigen gebouwd. Hoewel de USAF geen vliegtuigen meer ontvangt, worden er gemoderniseerde versies gebouwd voor exportklanten.

De F-16 werd geproduceerd in het kader van een consortium dat werd opgericht tussen de Verenigde Staten en de vier NAVO-landen België, Denemarken, Nederland en Noorwegen. Samen met de Verenigde Staten produceerden ze aanvankelijk 348 F-16's voor hun luchtmachten. De eindmontage van de vliegtuigrompen vond plaats in België en Nederland.

De onderdelen voor de F-16 werden in alle vijf de landen geproduceerd. België nam ook de eindmontage over van de F100-motor die in de Europese F-16 werd gebruikt. Dit verhoogt de levering en beschikbaarheid van reserveonderdelen in Europa en verbetert de operationele gereedheid van de F-16.

Lengte	15,09 m
Breedte	9,45 m
Hoogte	5,09 m
Spanwijdte	9,45 m
Topsnelheid	Mach 2,02 / 2142 km/h
Motor	1× Pratt & Whitney F100-PW-220E
Vermogen	105,7 kN

5
Gris fonce brillant
Dark Admiralty Grey Gloss
Dunkelgrau glänzend

11
Argent metallique
Silver Metallic
Silber metallisch

27
Gris mer mat
Sea Grey Matt
Seegrau matt

33
Noir mat
Black Matt
Schwarz matt

34
Blanc mat
White Matt
Weiß matt

40
Gris pale brillant
Pale Grey Gloss
Blassgrau glänzend

49
Vernis mat
Varnish Matt
Klarlack matt

53
Gris metallique
Gunmetal Metallic
Grau metallisch

56
Aluminium metallique
Aluminium Metallic
Aluminium metallisch

69
Jaune brillant
Yellow Gloss
Gelb glänzend

85
Noir de charbon satine
Coal Black Satin
Kohlenschwarz seidenmatt

87
Gris acier mat
Steel Grey Matt
Stahlgrau matt

106
Gris ocean mat
Ocean Grey Matt
Ozeangrau matt

127
Gris fantome US satine
US Ghost Grey Satin
US-Schattengrau seidenmatt

130
Blanc satine
White Satin
Weiß seidenmatt

321
Rouge transparent
Red Transparent
Rot transparent

325
Vert transparent
Green Transparent
Grün transparent

M1 (87 + 106)
Gris Foncé mat
Darkgrey matt
Dunkelgrau matt

M2 (27 + 53)
Dark gris metallique
Dark gunmetal metallic
Dunkles grau metallic

M3 (5 + 49)
Gris neutre mat
Neutral Grey matt
Neutrales grau matt

M4 (34 + 40)
Blanc crème satine
Offwhite satin
Cremefarben seidenmatt

M5 (127 + 106)
Gris fantôme foncé satine
Dark ghost Grey satin
Schattengrau dunkel seidenmatt

- Si aucune teinte n'est spécifiée, peindre dans les couleurs de la version choisie. Se reporter aux pages 20 -29 pour le détail du schéma de peinture.
- When no color is specified, paint the item with colors of chosen version. Refer to pages 20 -29 for painting pattern.
- Wenn keine Farbe angegeben ist, Teile mit den Farben der gewählten Version bemalen. Beachten Sie die Seiten 20 -29 für die Lackierung und Markierung.
- Cuando ningún color es especificado, pintarle con los colores del tema de la versión elegida. Vea las páginas 20 -29 para obtener detalles de pintura.



- L'explication des pictogrammes se trouve sur les côtés de la boîte inférieure.
- The explanation of the pictograms can be found on the sides of the bottom box.
- Die Erklärungen der Piktogramme stehen auf den Seiten des Unterkartons.
- La explicación de los pictogramas se puede encontrar en los laterales del recuadro inferior.

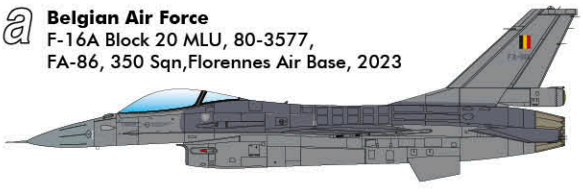
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56 Référence de couleur / Colour reference no / Farbangabe / Referencia de color

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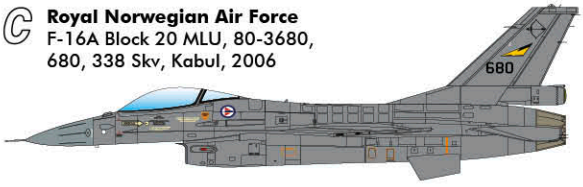
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FA-86, 350 Sqn,Florennes Air Base, 2023



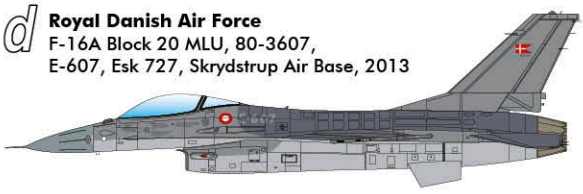
b **Royal Netherlands Air Force**
F-16A Block 20 MLU, 87-0515,
J-515 312 Sqn, Volkel Air Base 2021



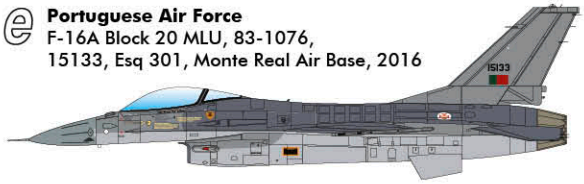
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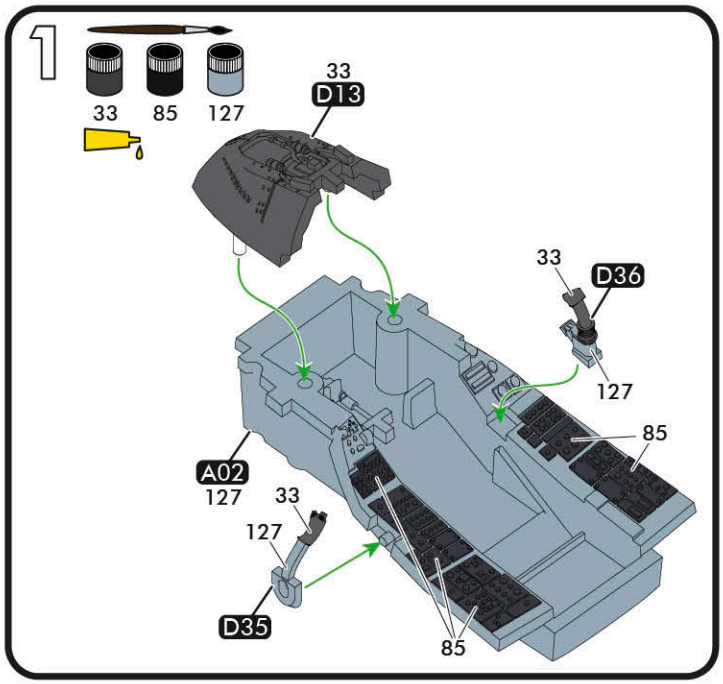


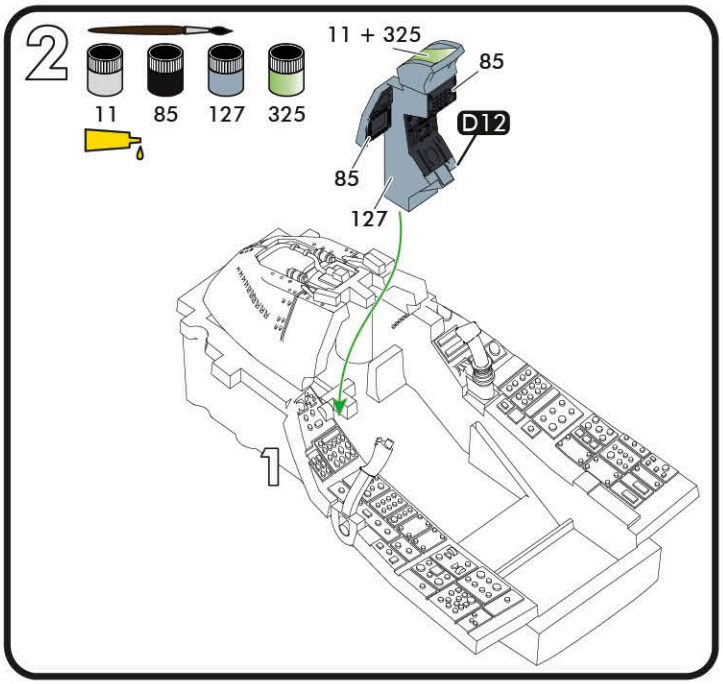
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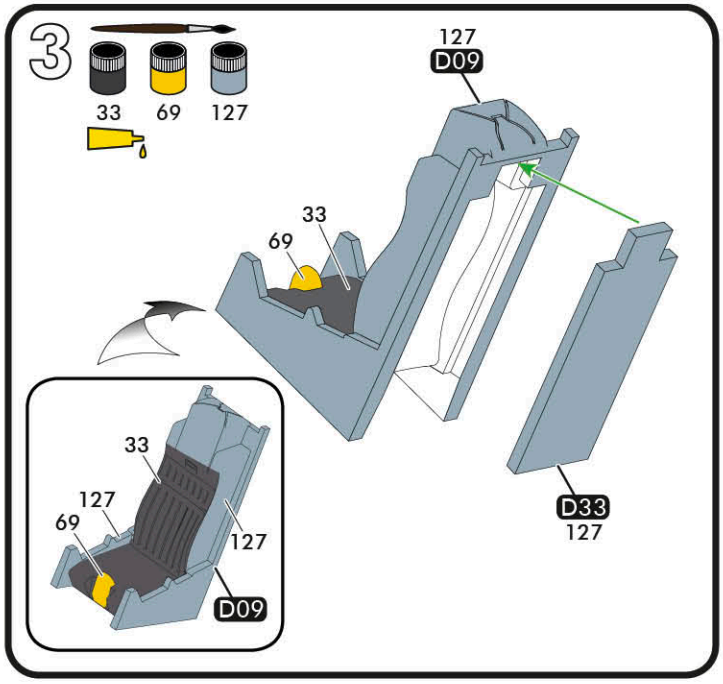


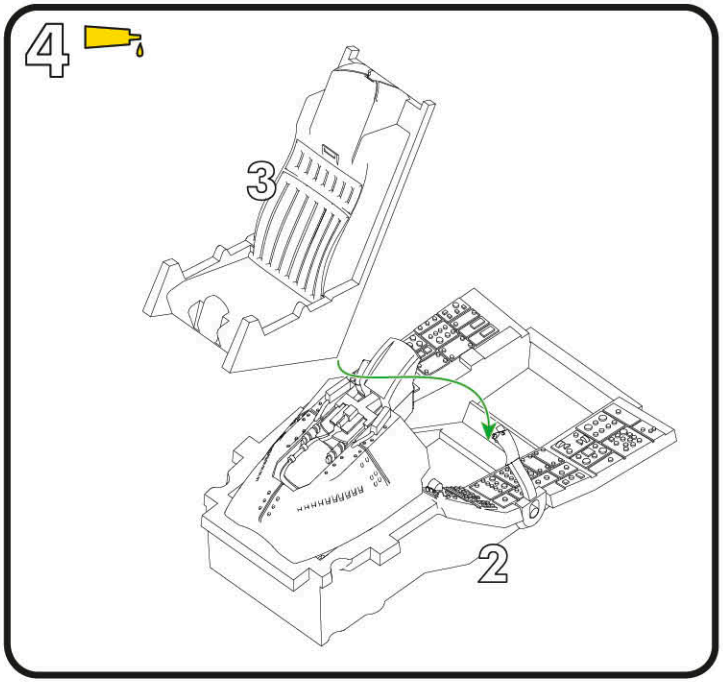
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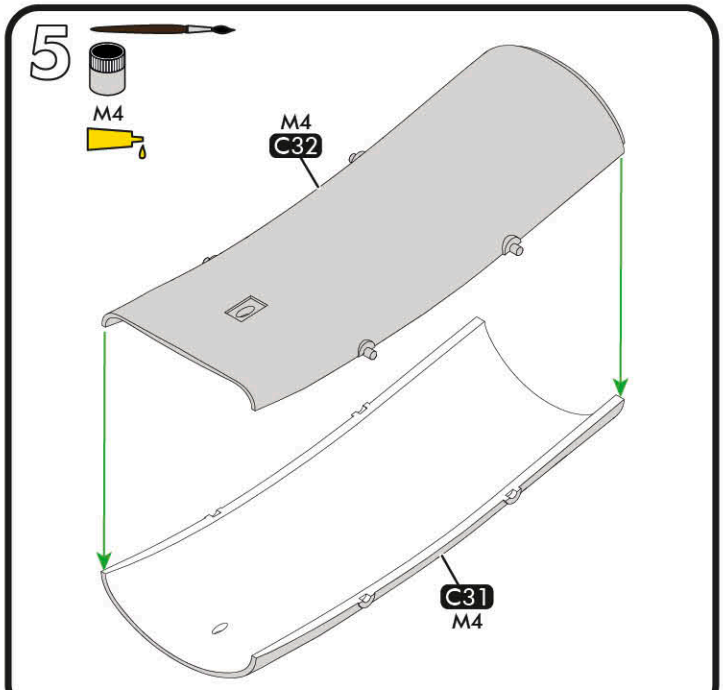


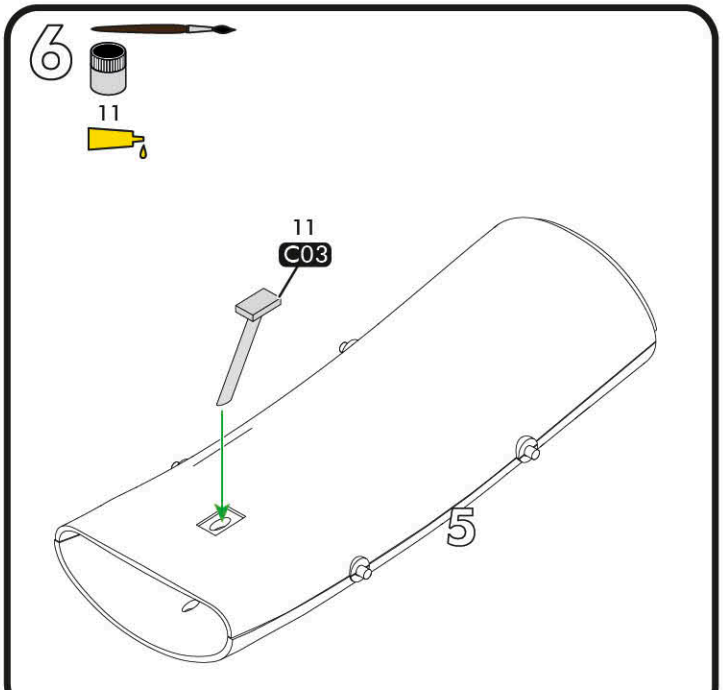

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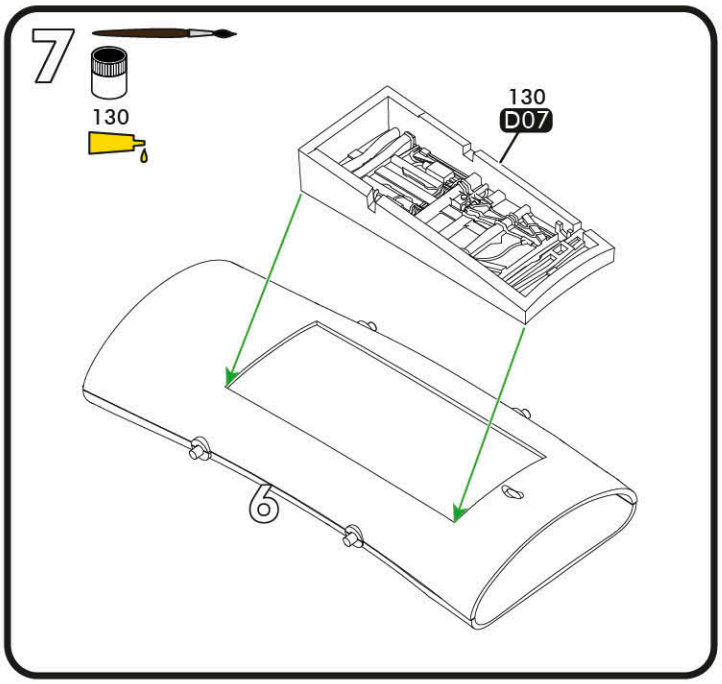

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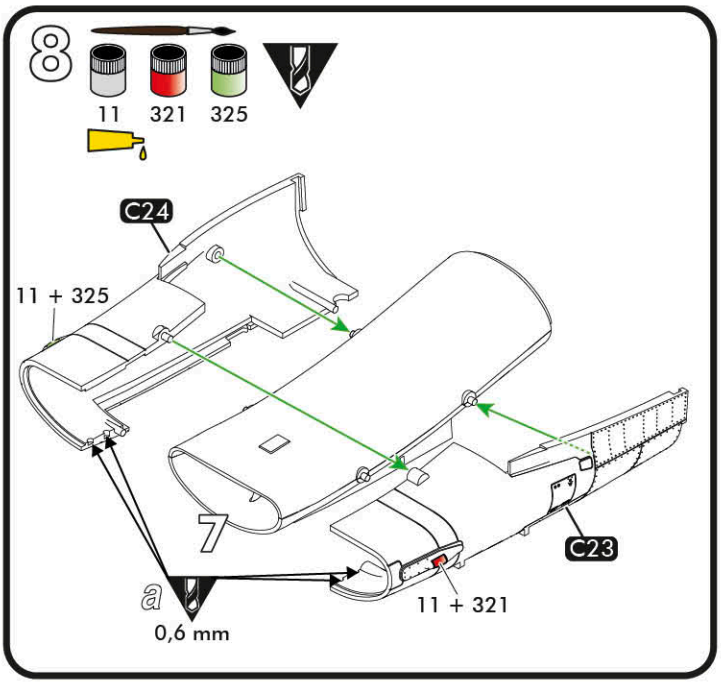

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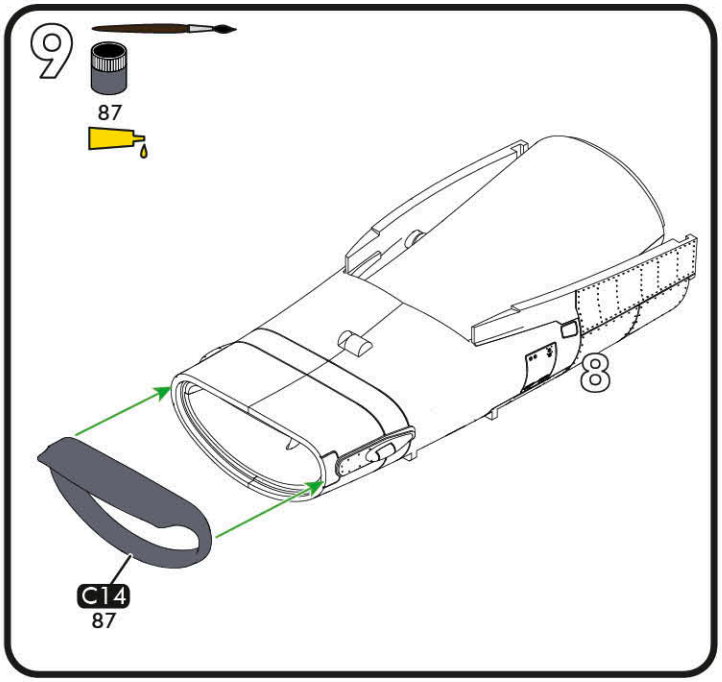

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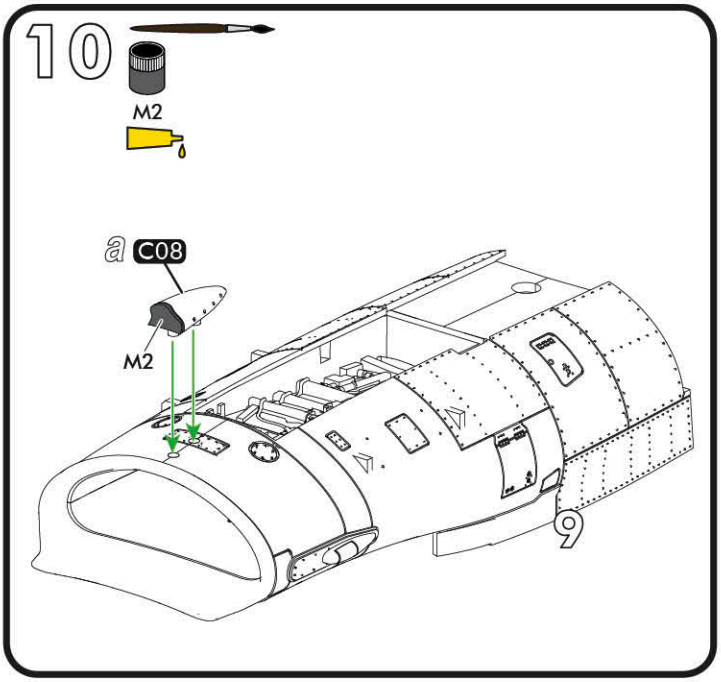

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M4
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C31
M4

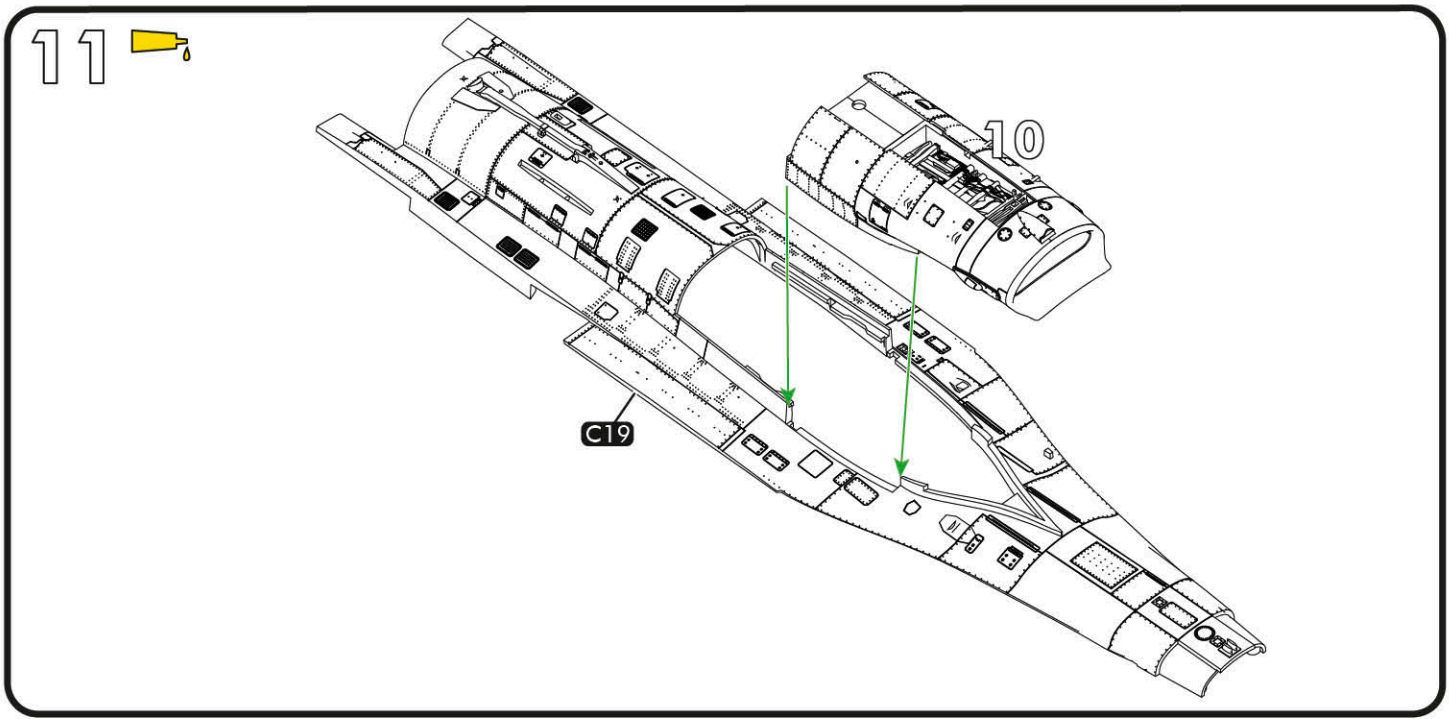

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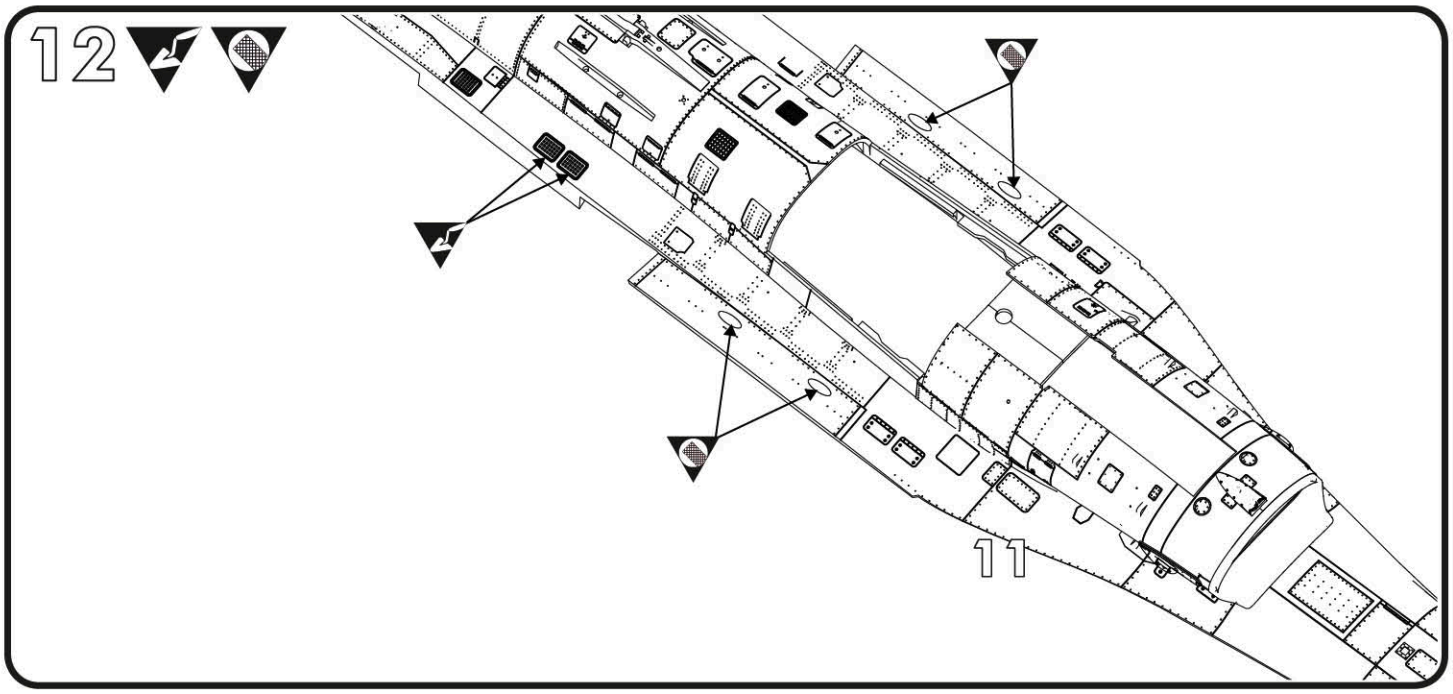

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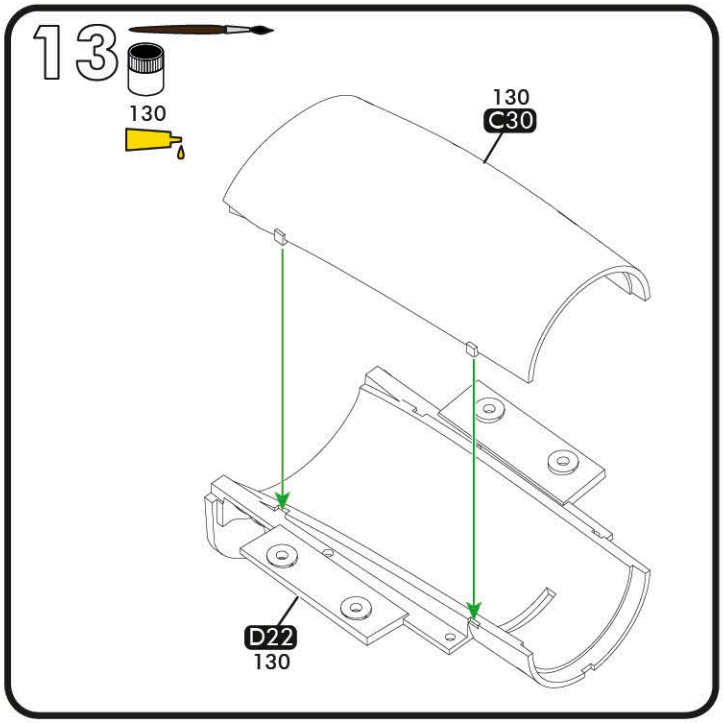

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321
325
C24
11 + 325
7
C23
a
0,6 mm
11 + 321

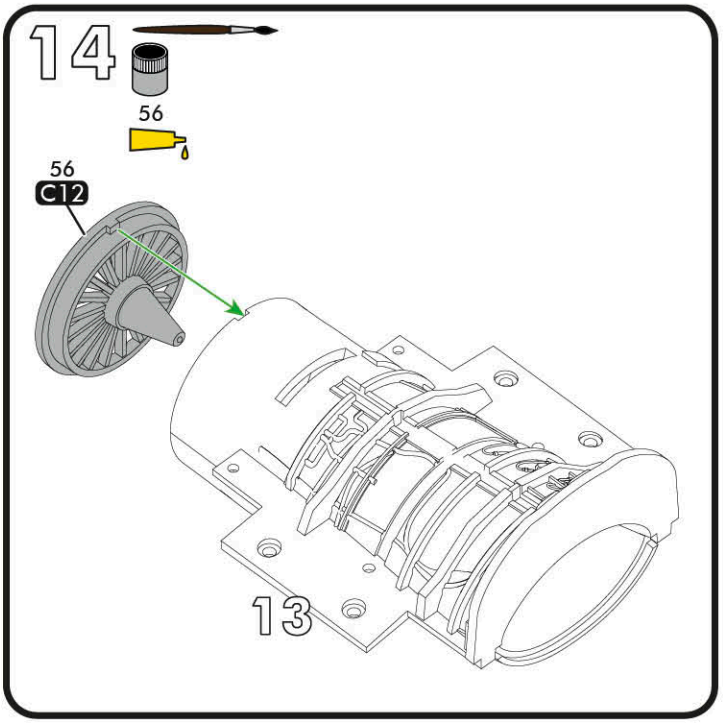

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C14
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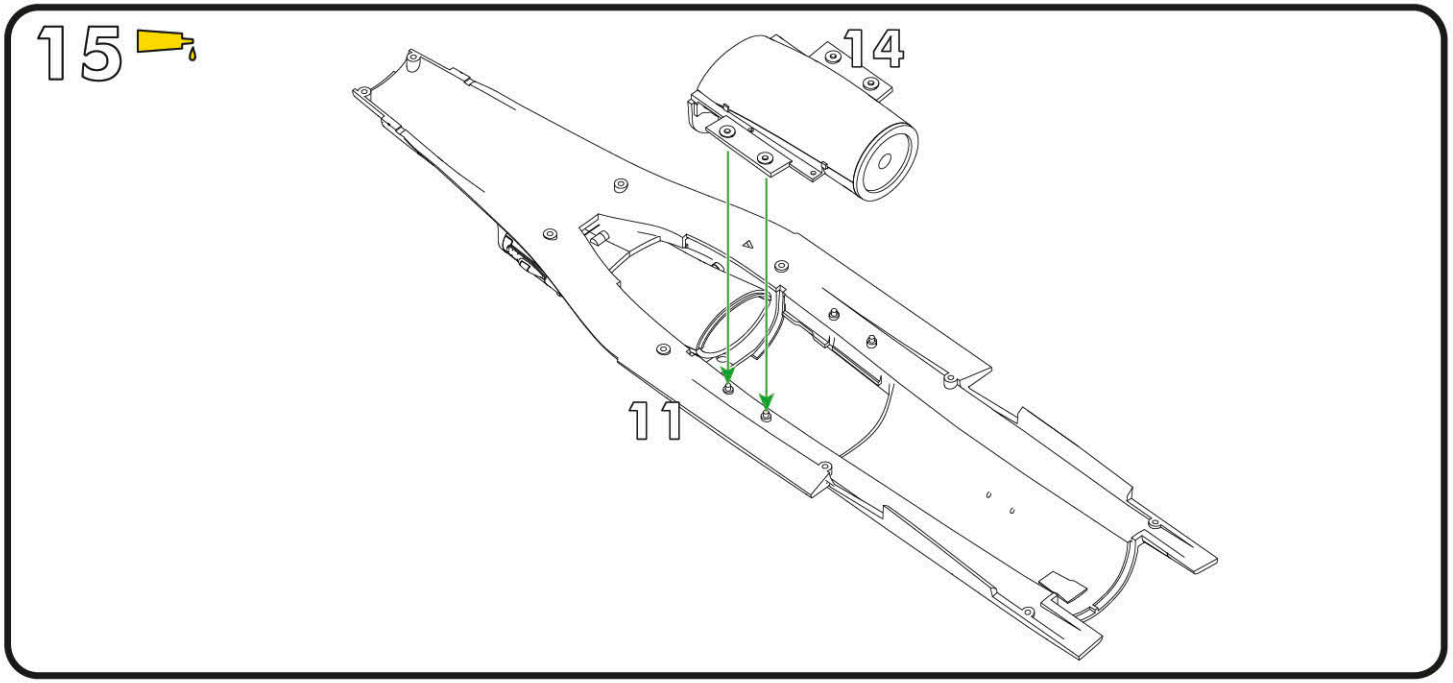

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C08
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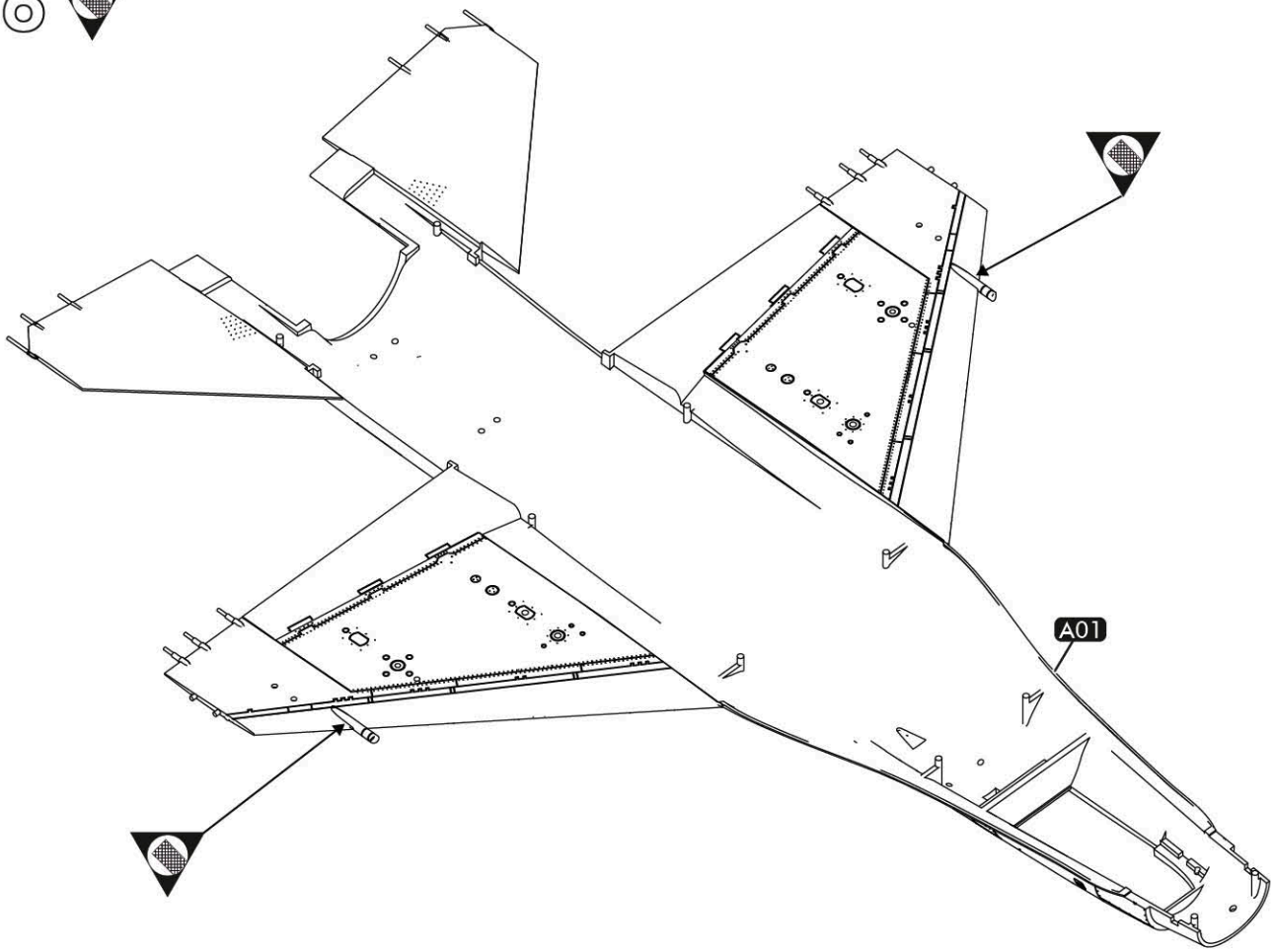

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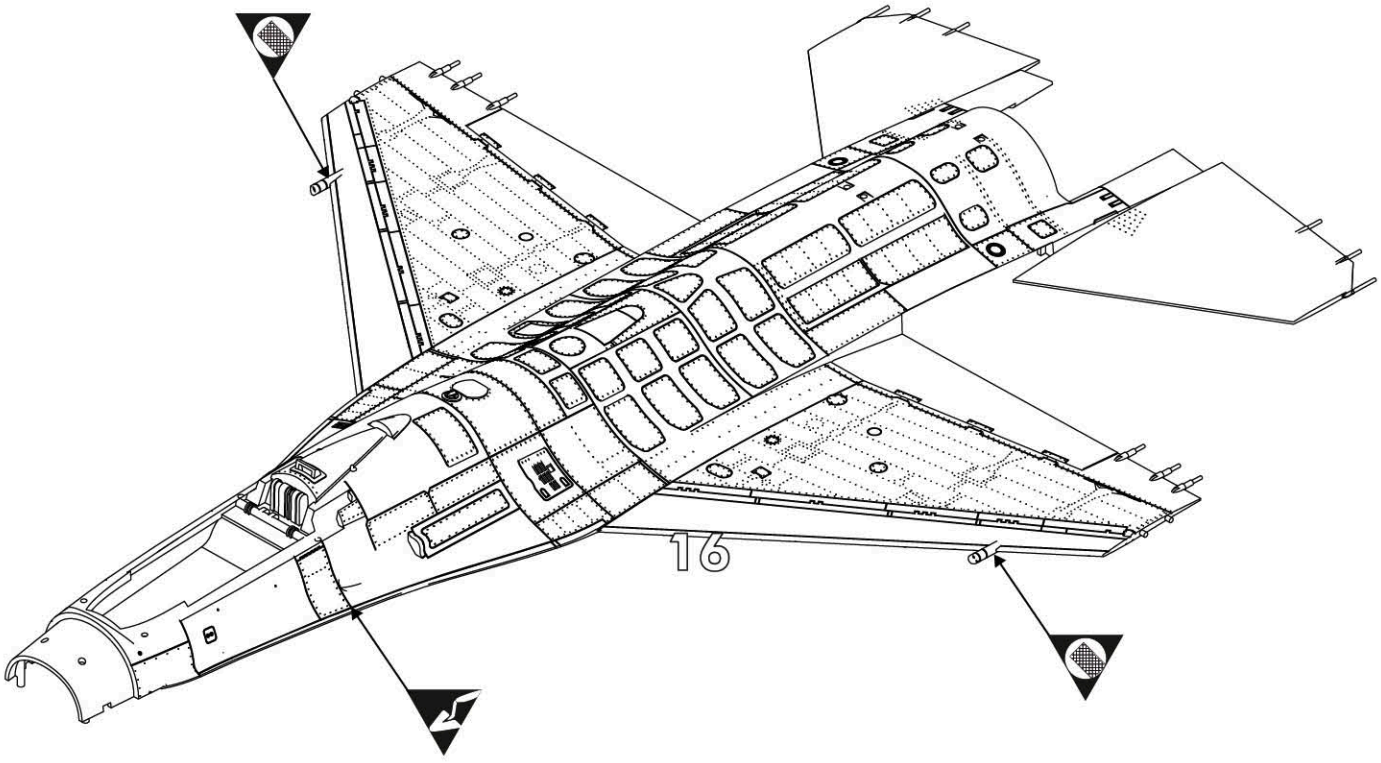

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C12
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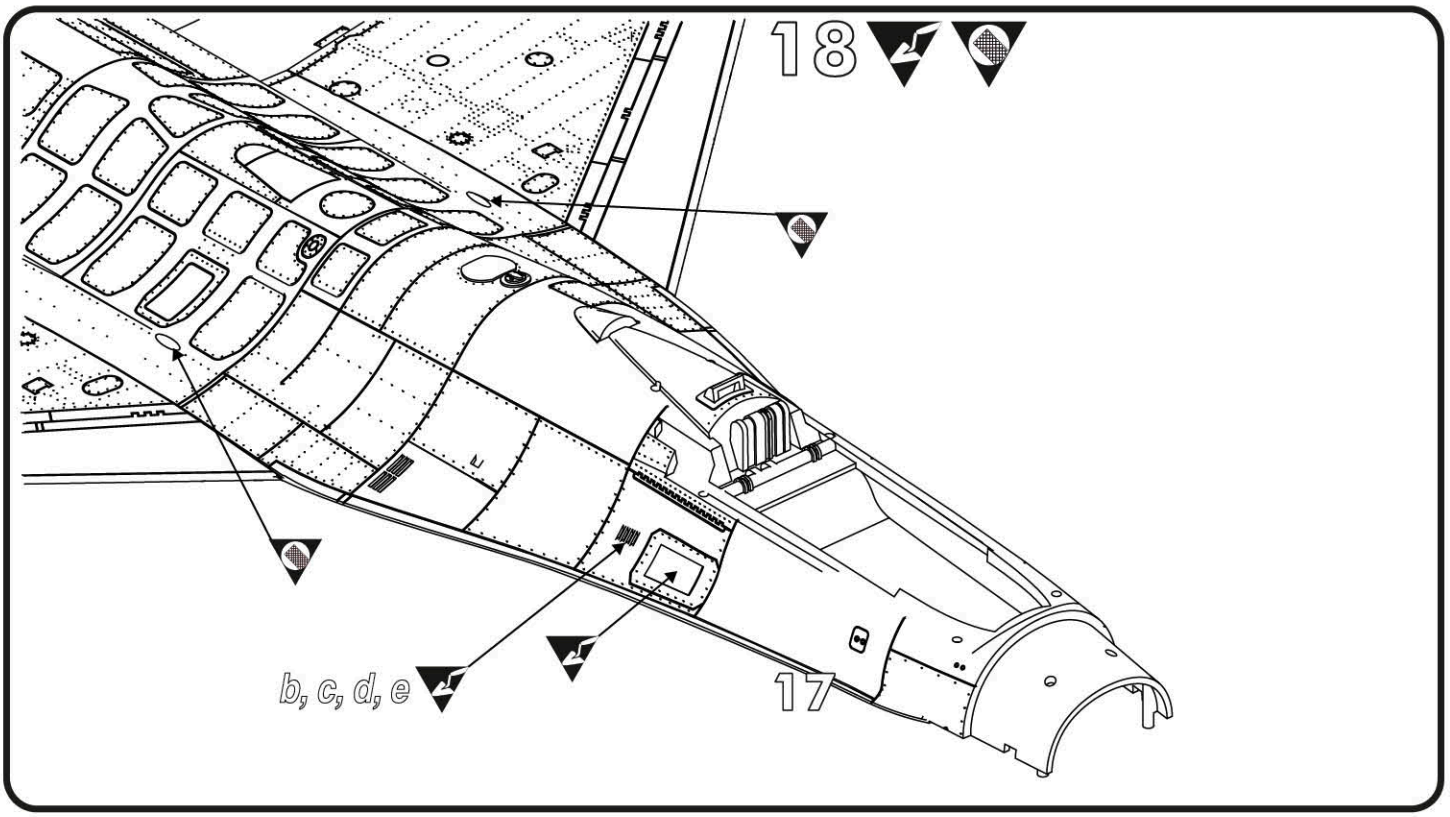

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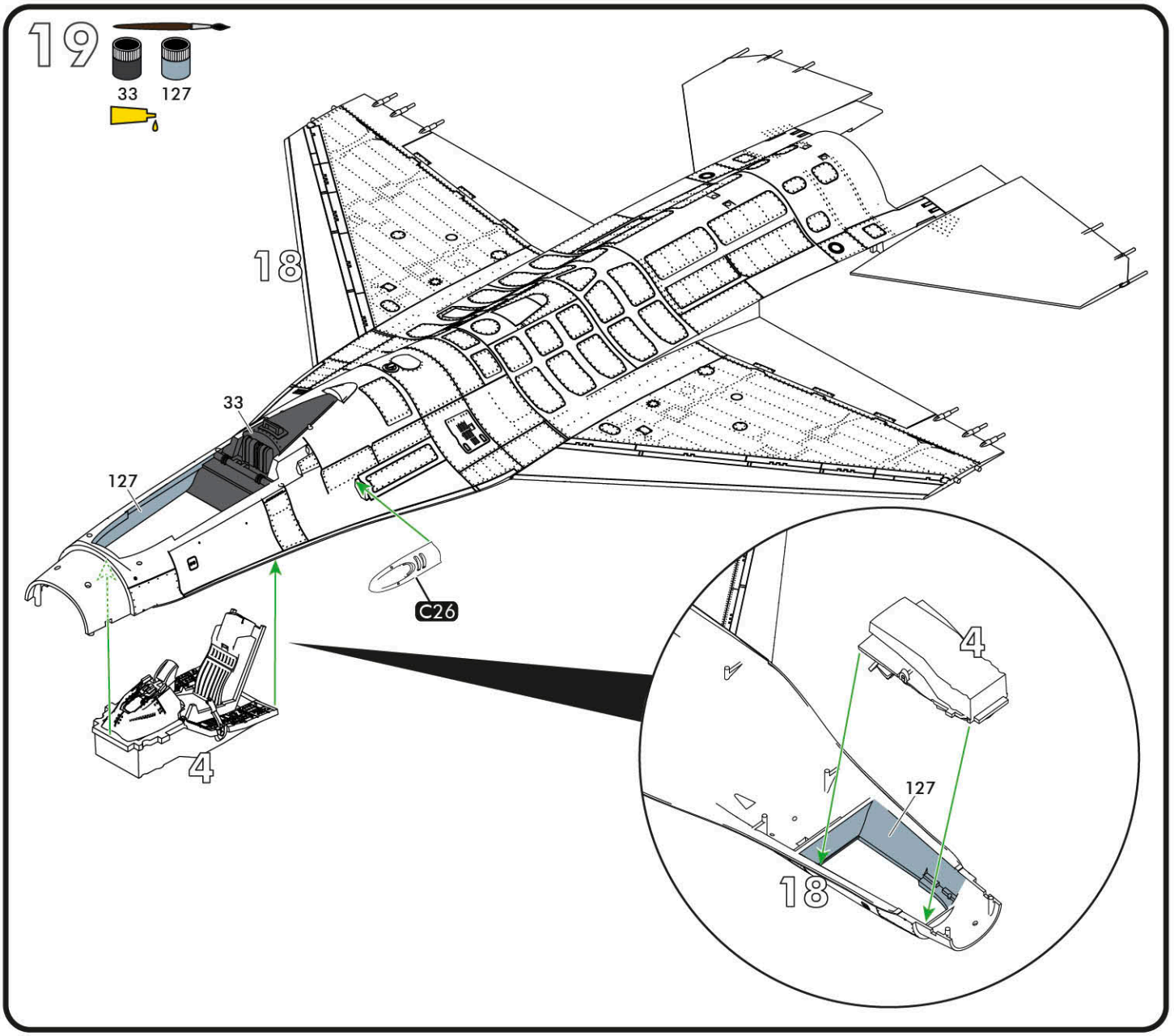
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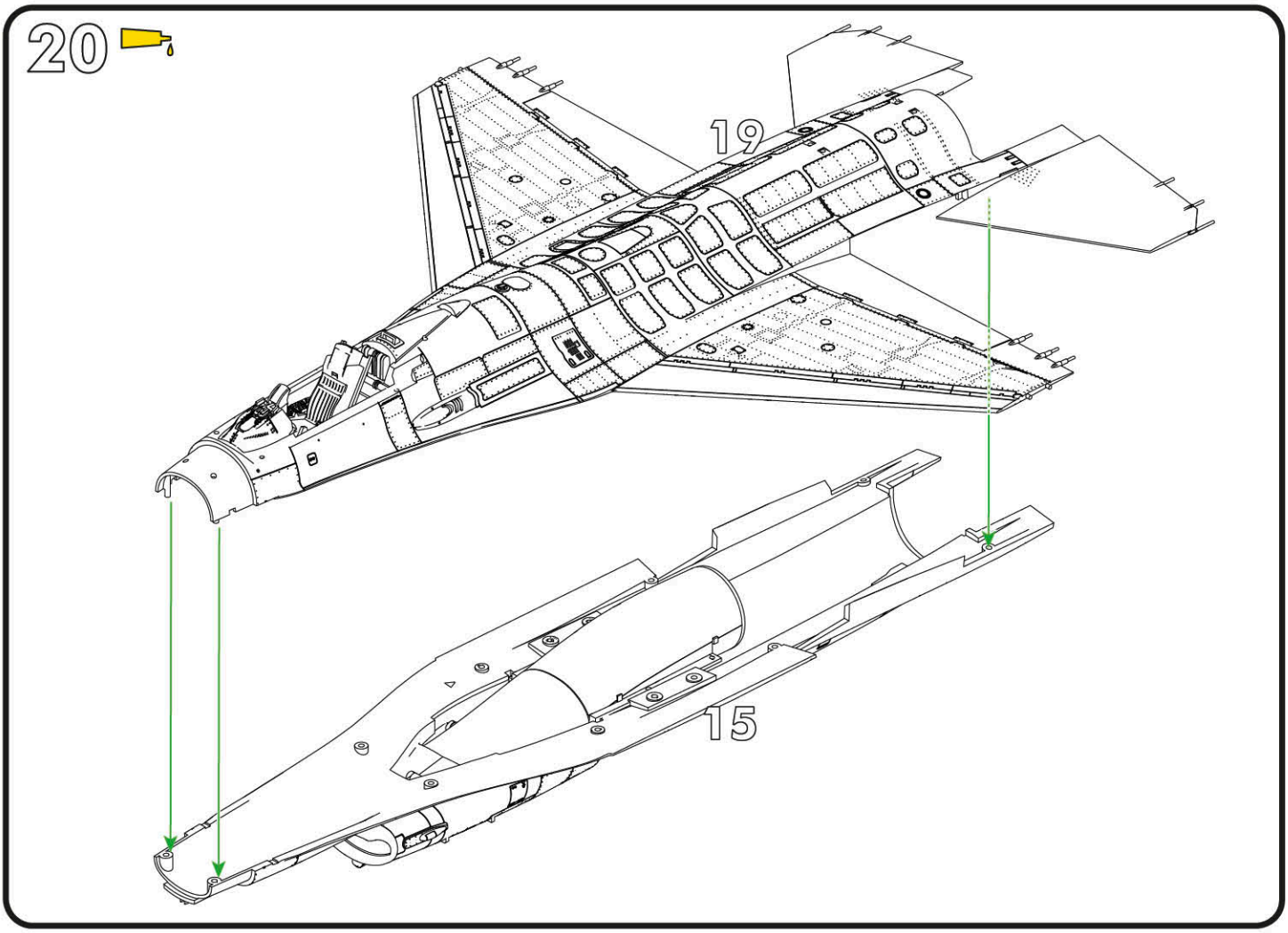


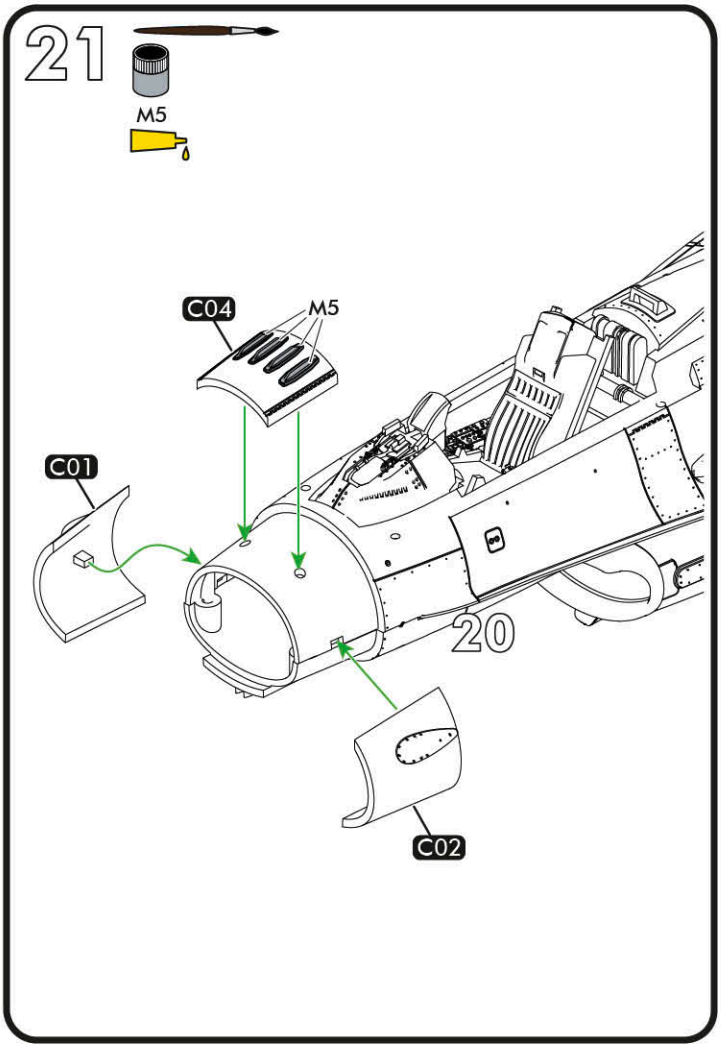
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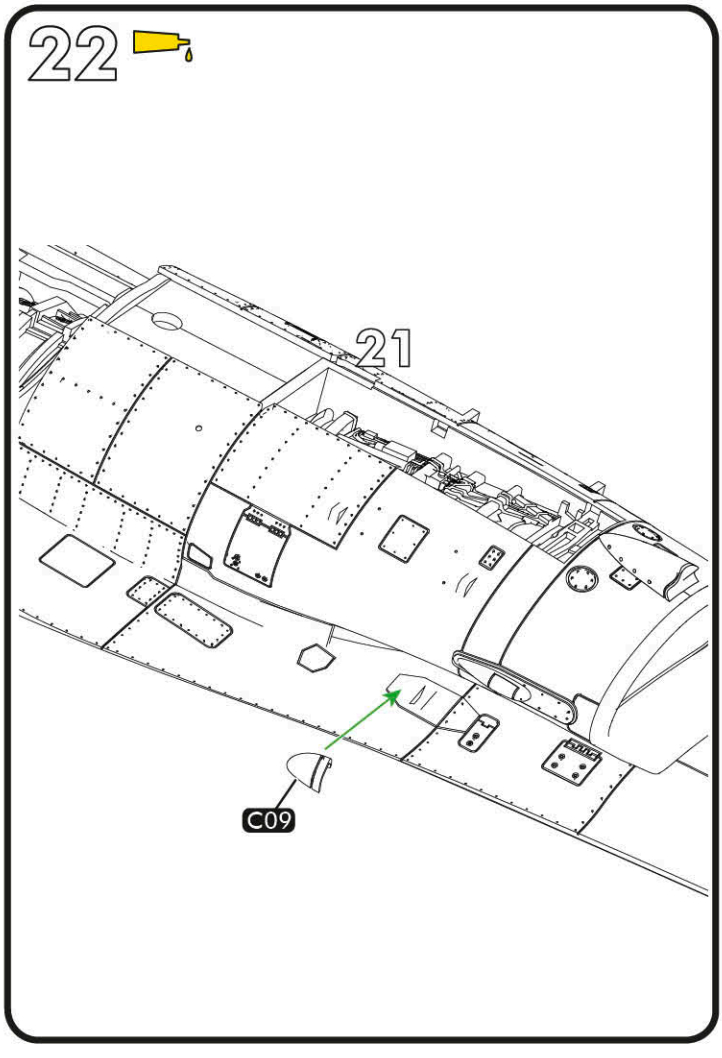


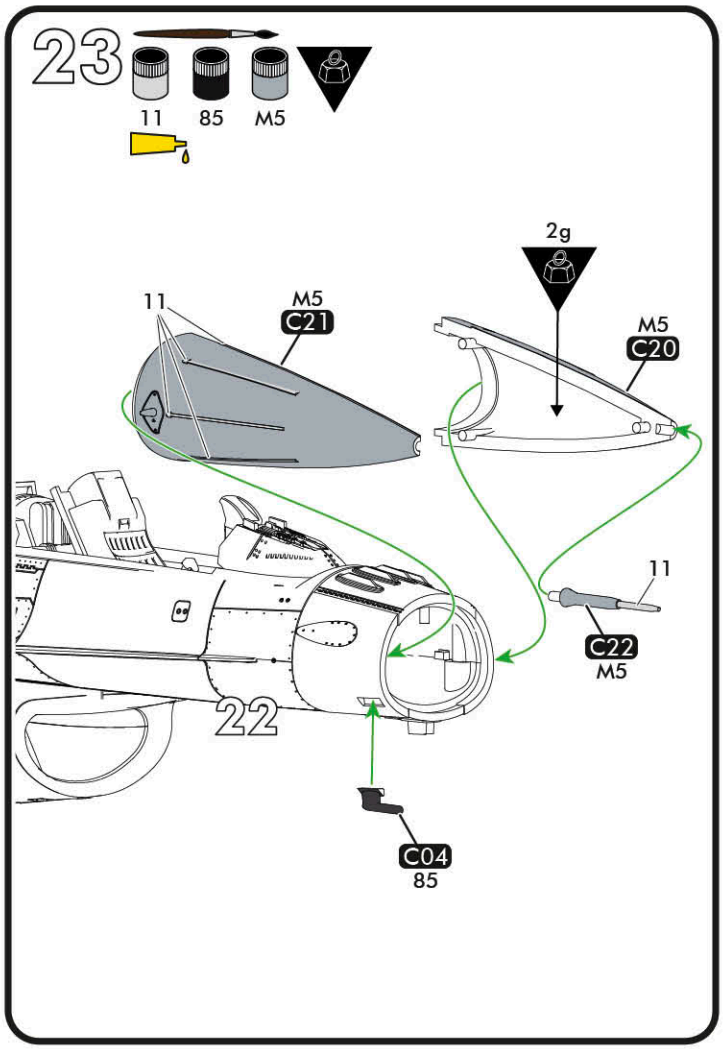

18
b, c, d, e
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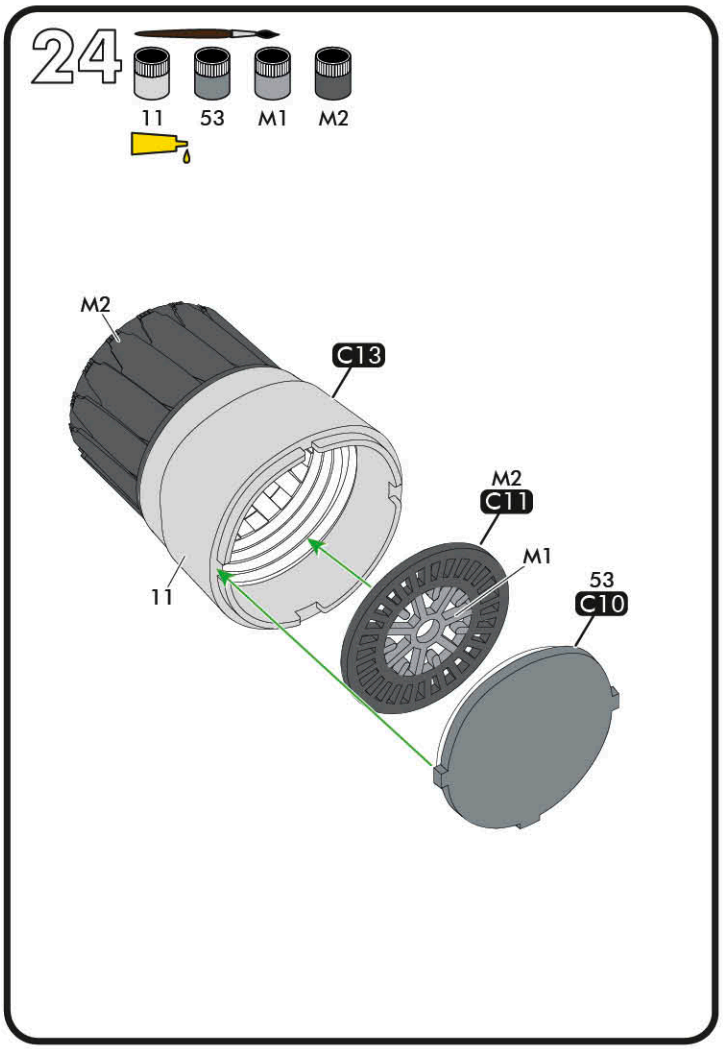

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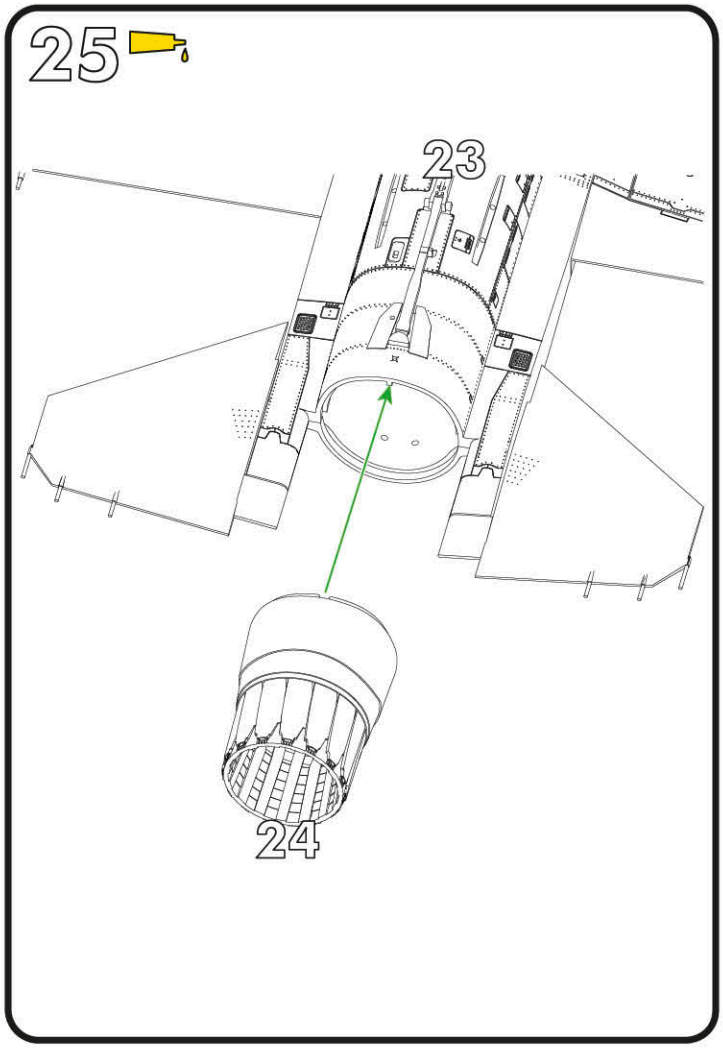

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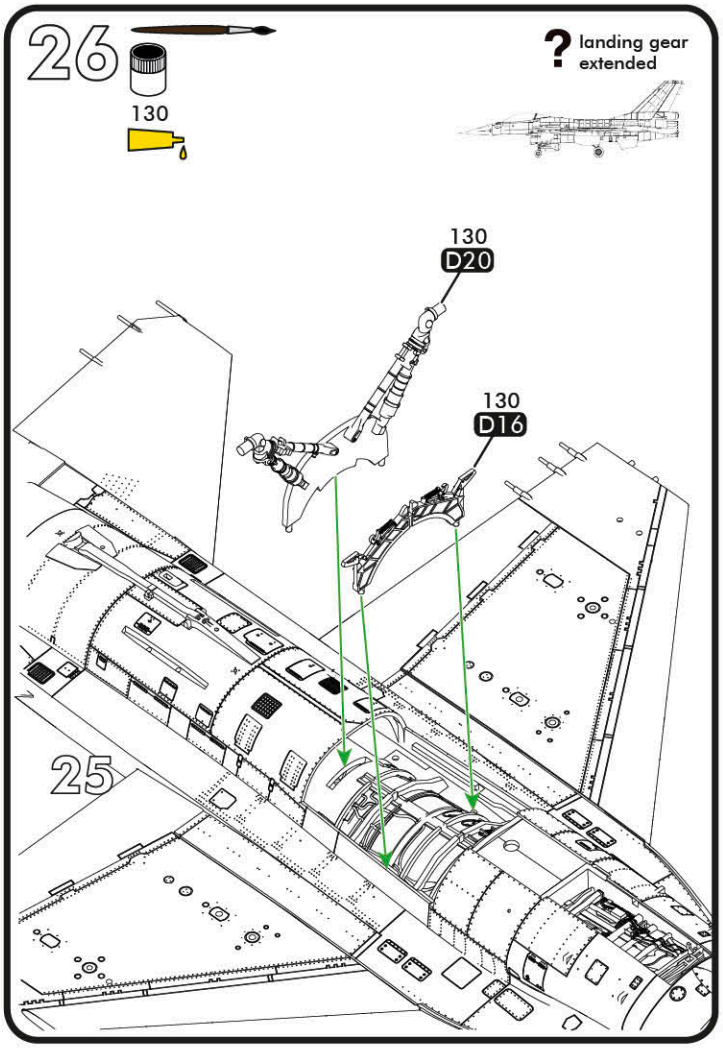

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M5
C01
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C02


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C09


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M5
C20
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C22
M5
22
C04
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24
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53
M1
M2
M2
C13
M2
C11
M1
53
C10
11


25
23
24


26
130
? landing gear extended
130
D20
130
D16
25

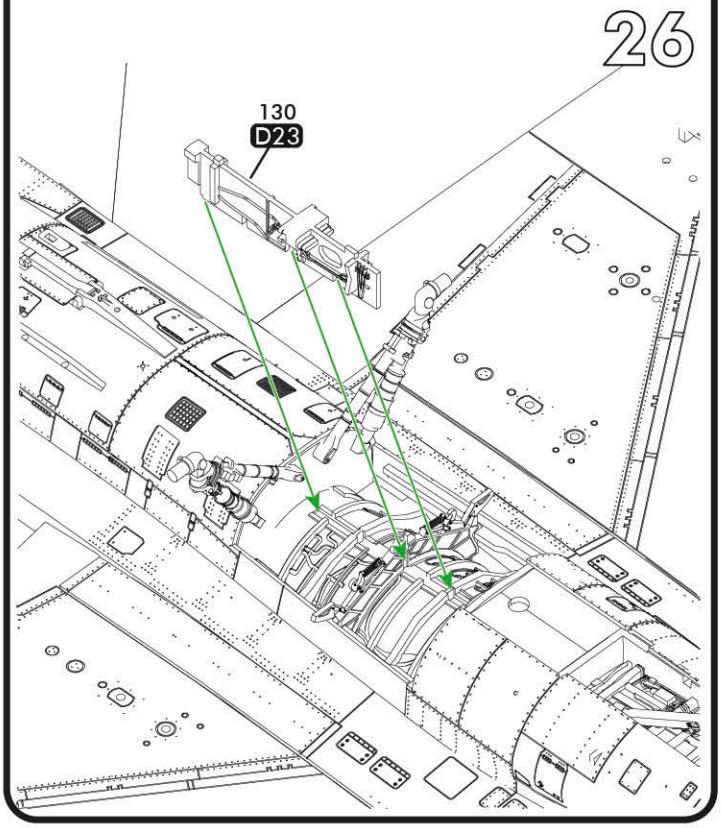
27

130

? landing gear extended



26



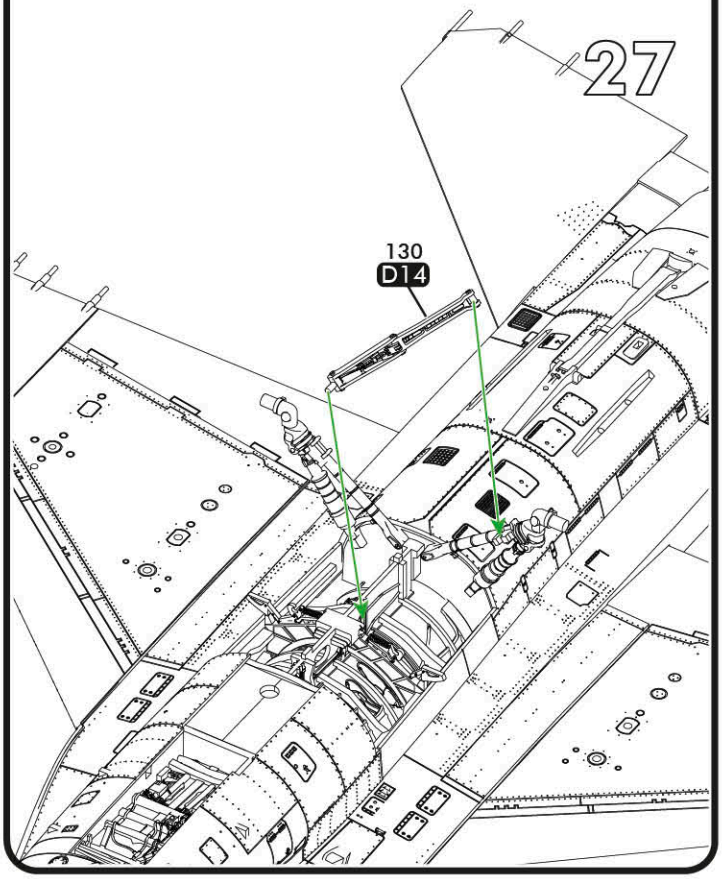
28

130

? landing gear extended



27

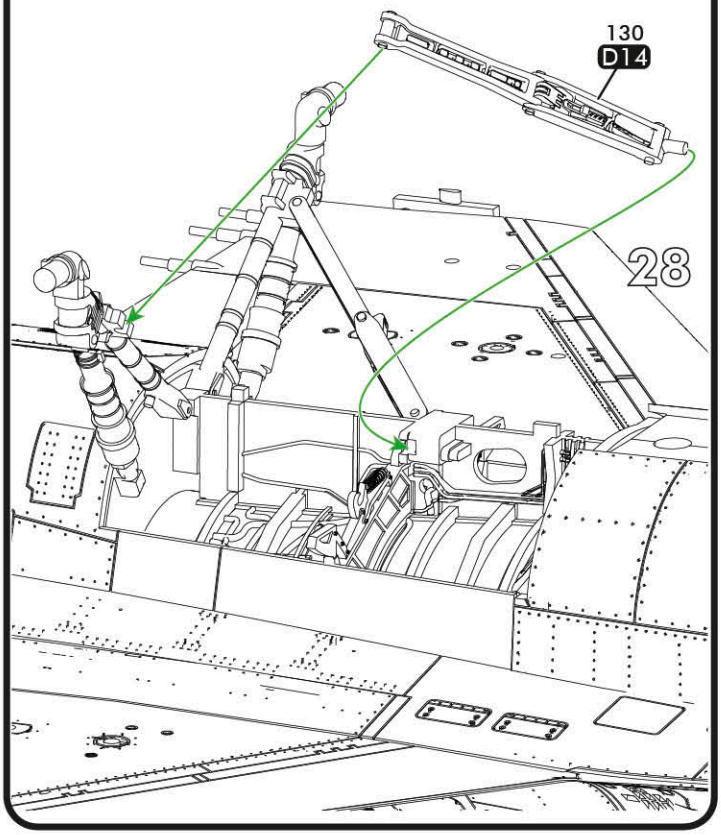


29

130

? landing gear extended



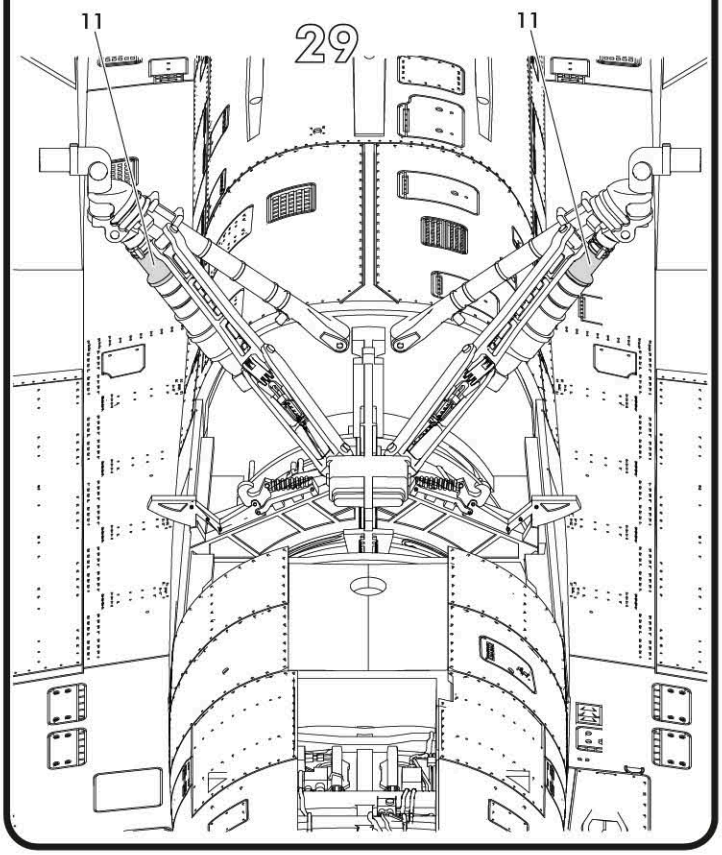


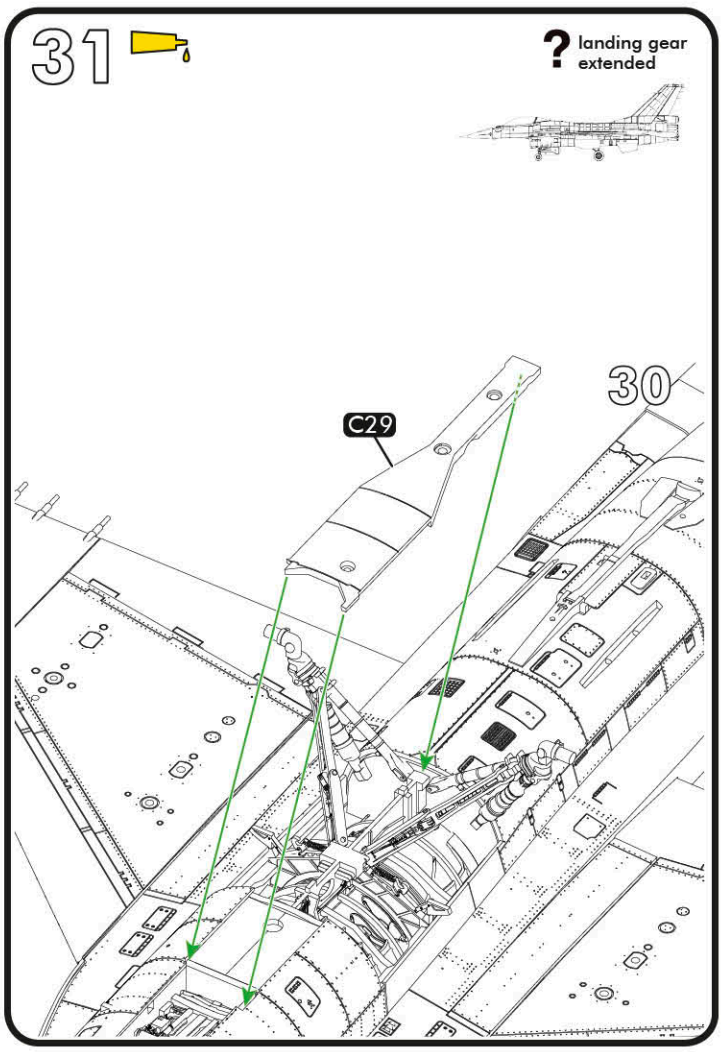
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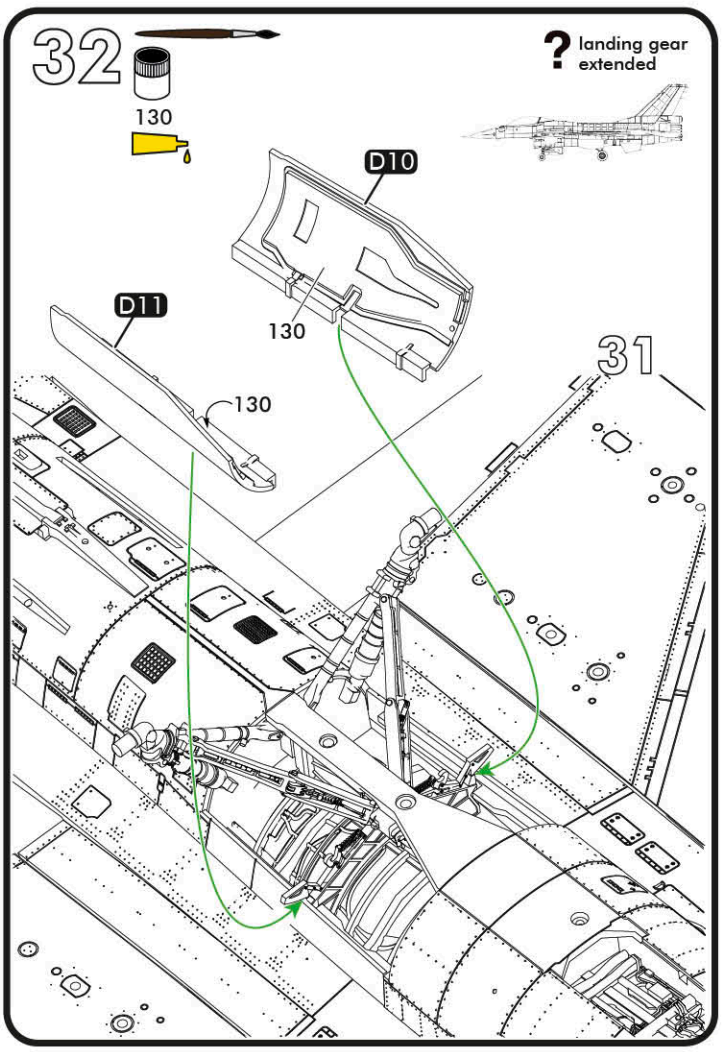
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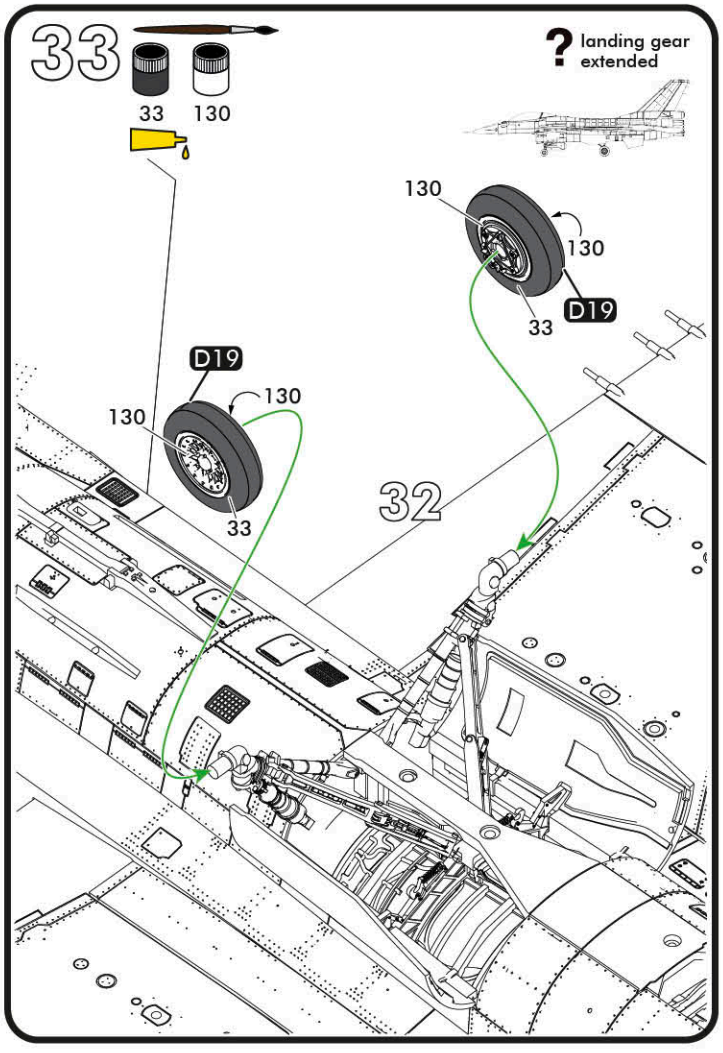
? landing gear extended

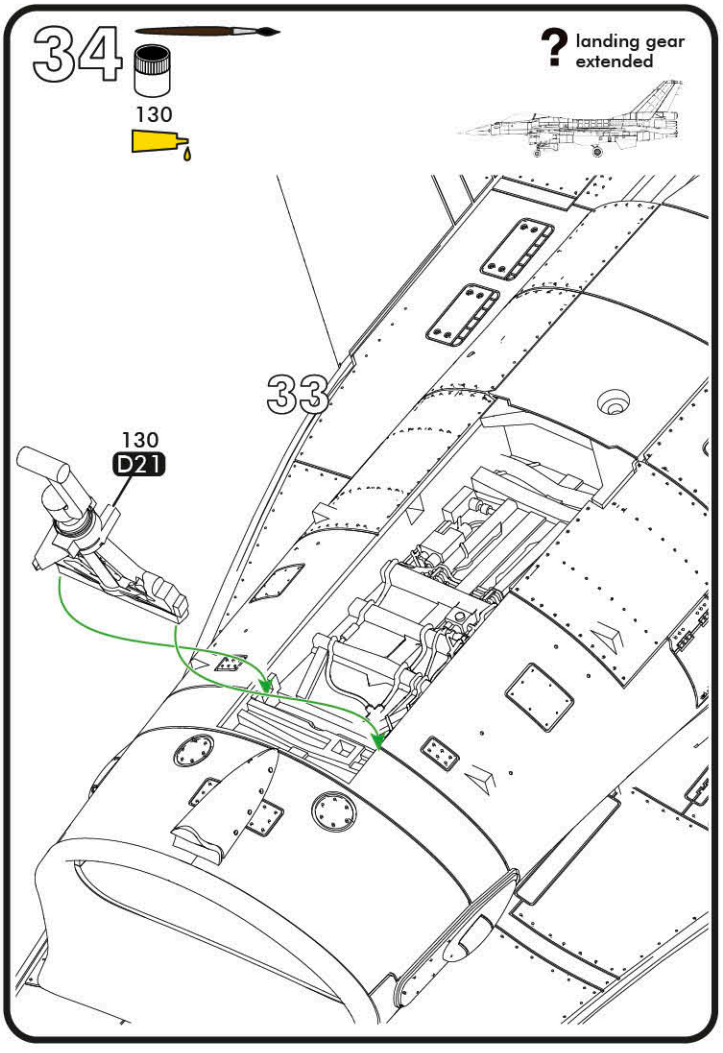


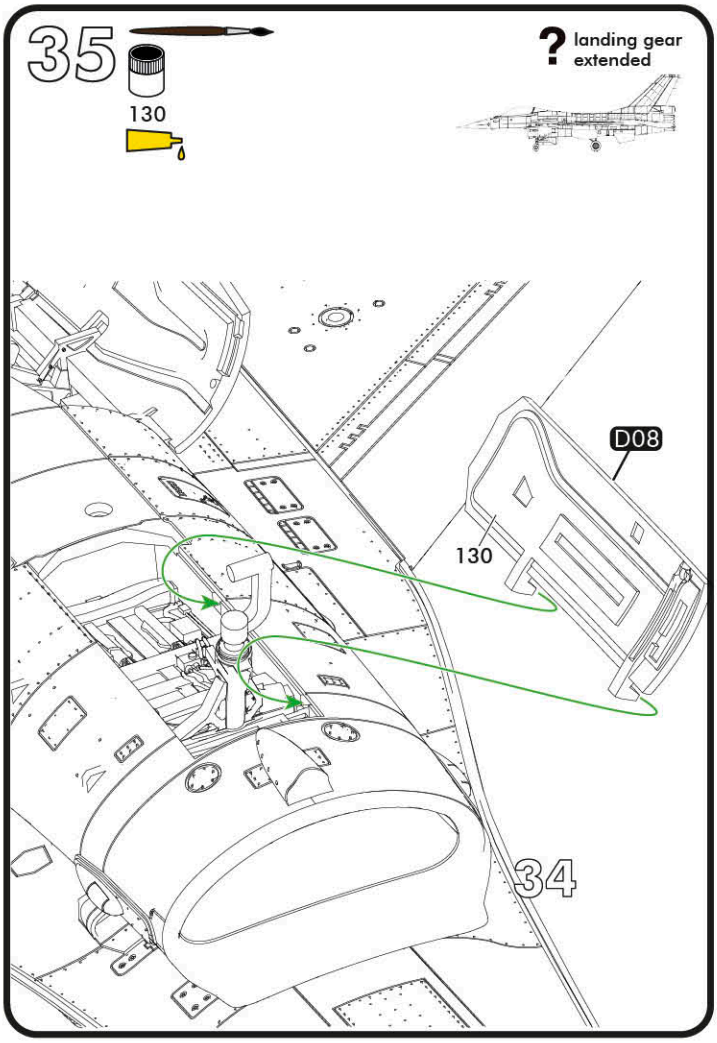


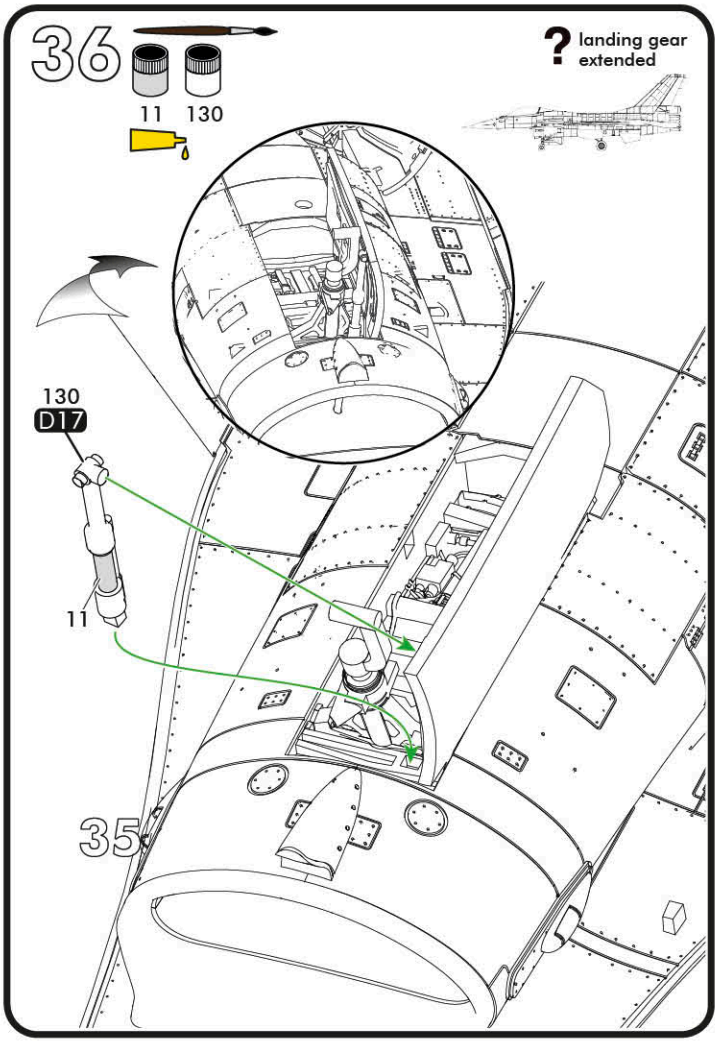

31
? landing gear extended
C29
30

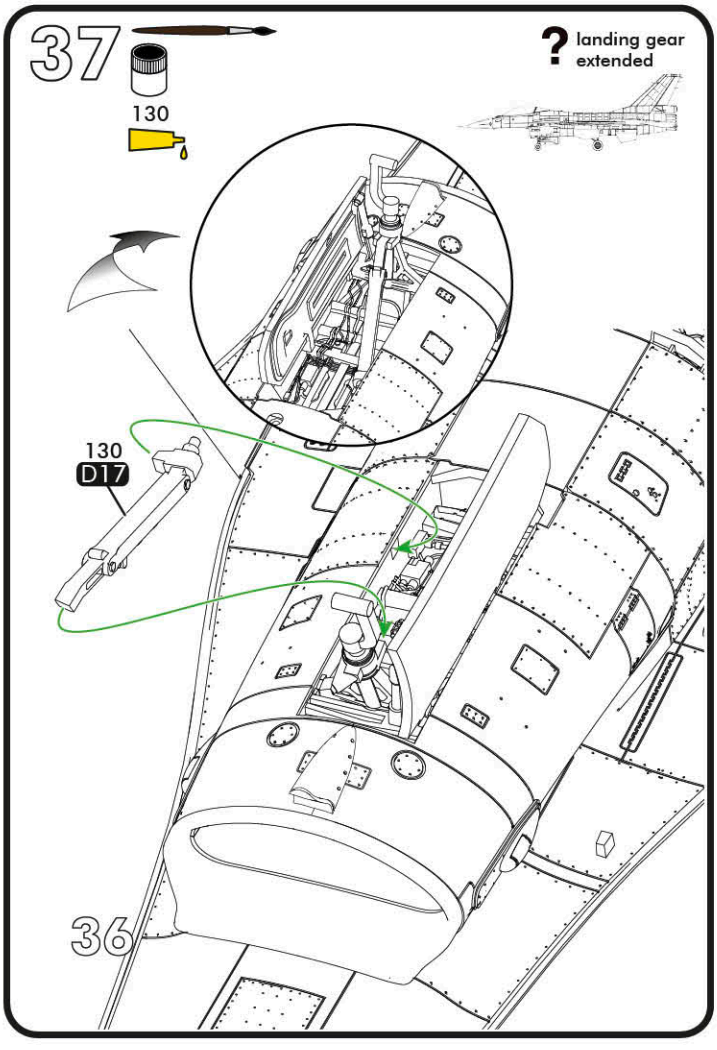

32
130
? landing gear extended
D10
D11
130
130
31

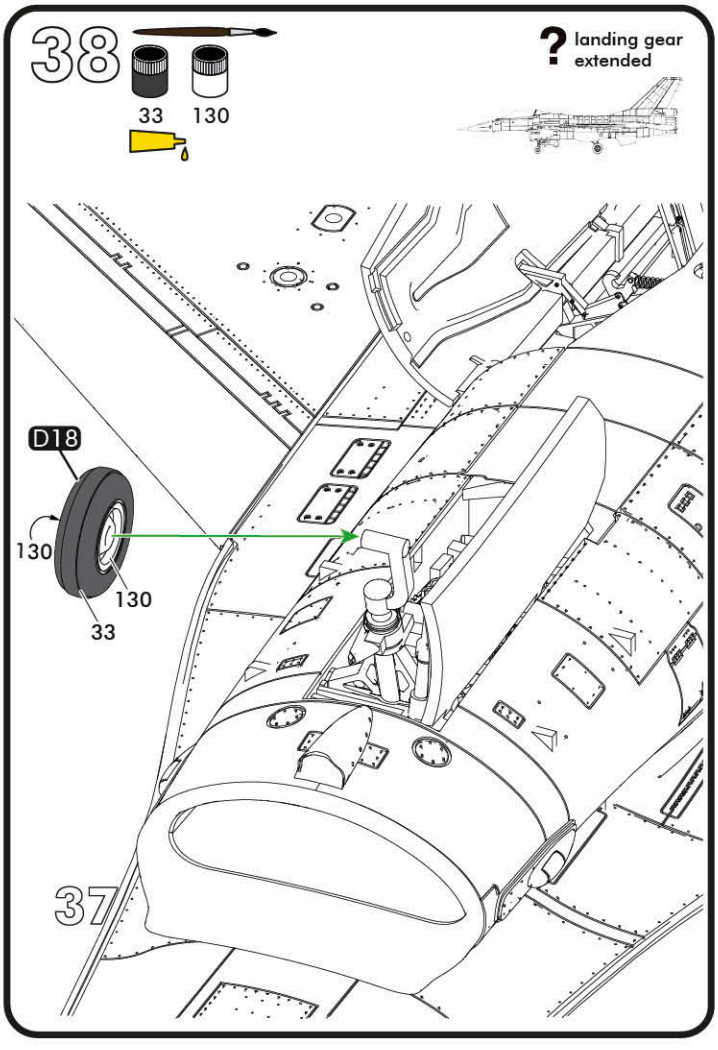

33
33
130
? landing gear extended
130
130
D19
33
D19
130
130
33
32

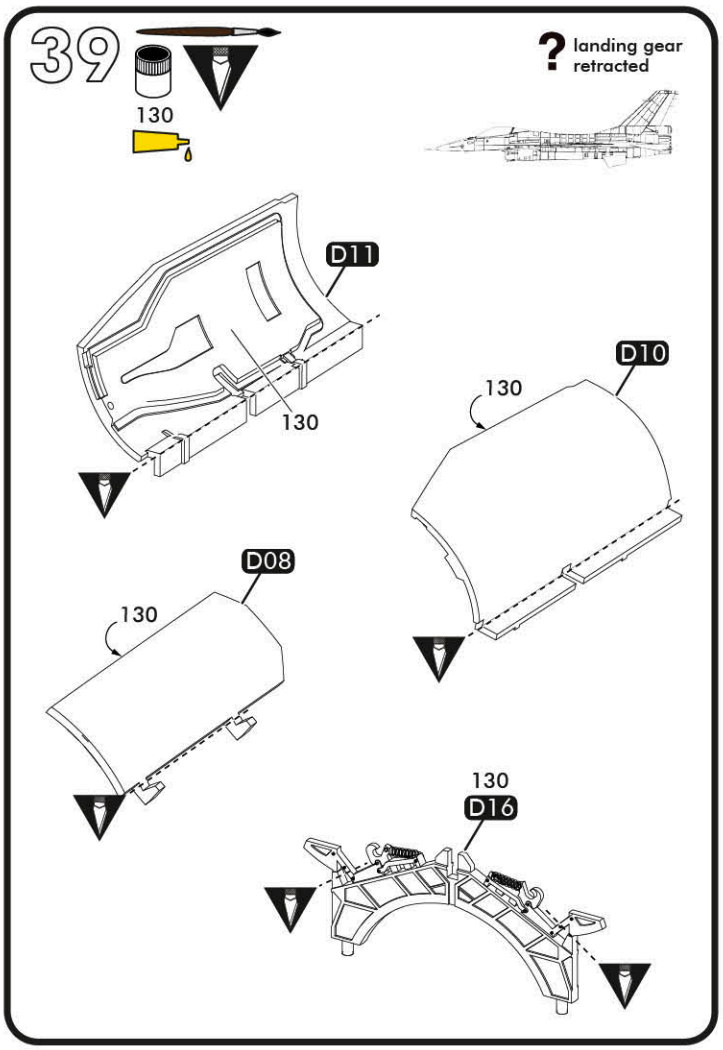

34
130
? landing gear extended
33
130
D21

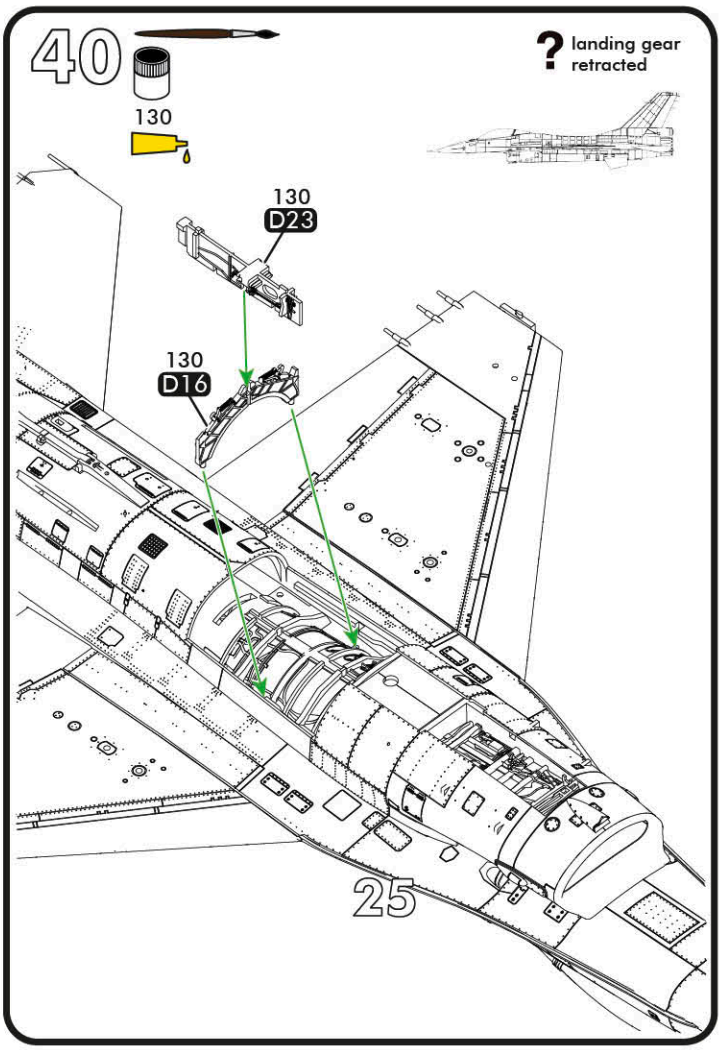

35
130
landing gear extended
D08
130
34

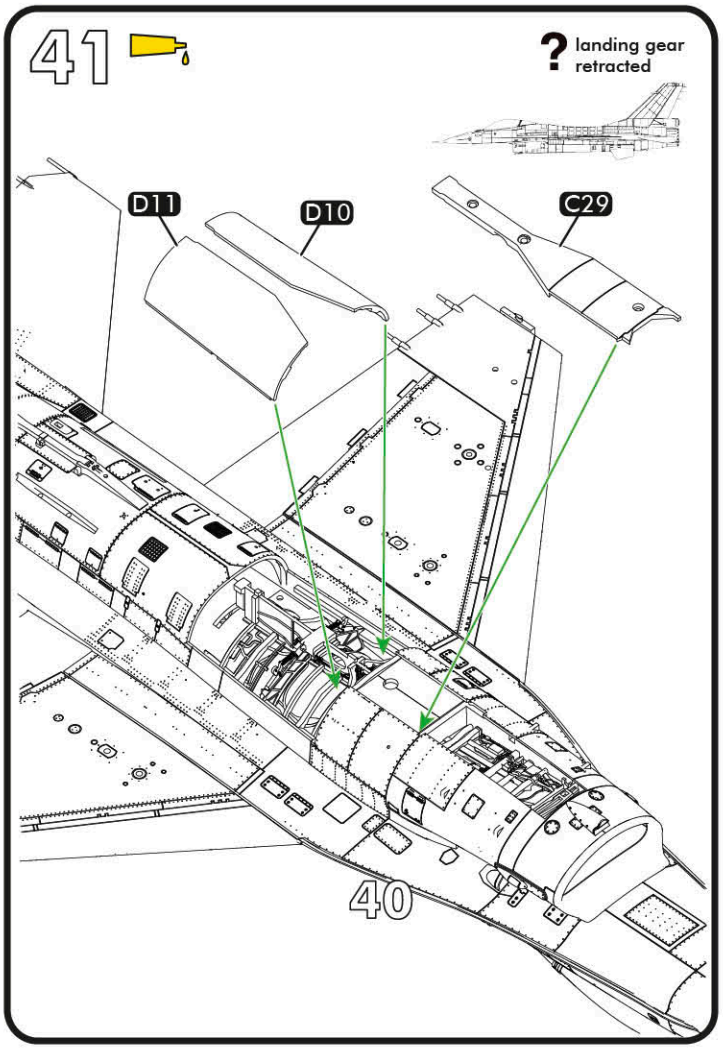

36
11
130
landing gear extended
130
D17
11
35

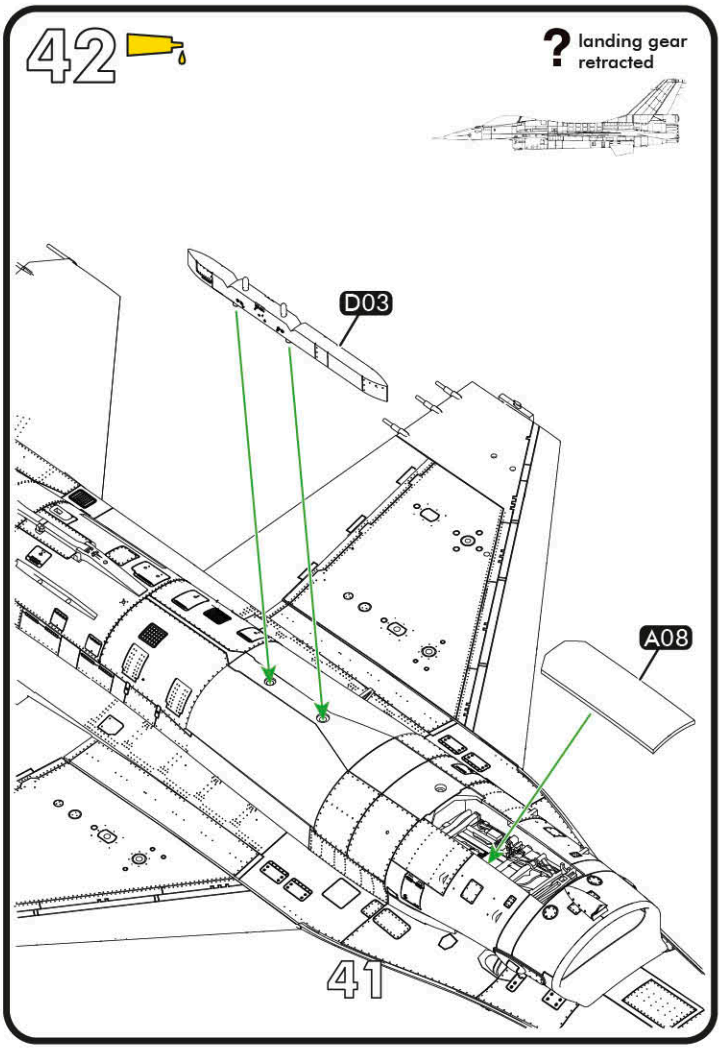

37
130
landing gear extended
130
D17
36

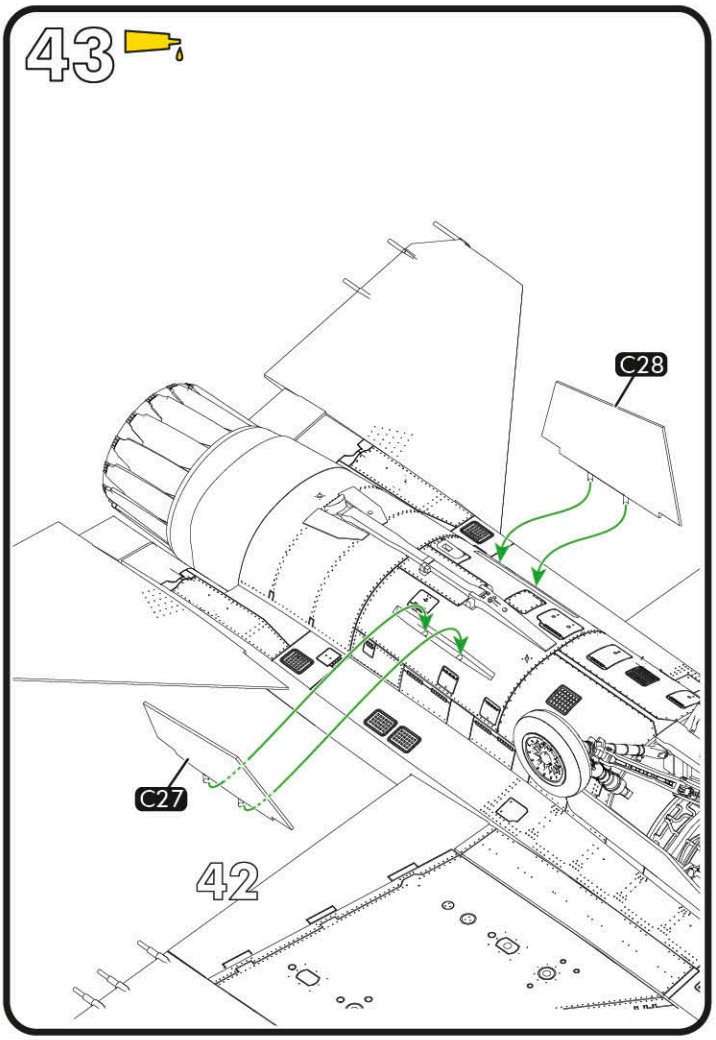

38
33
130
landing gear extended
D18
130
130
33
37

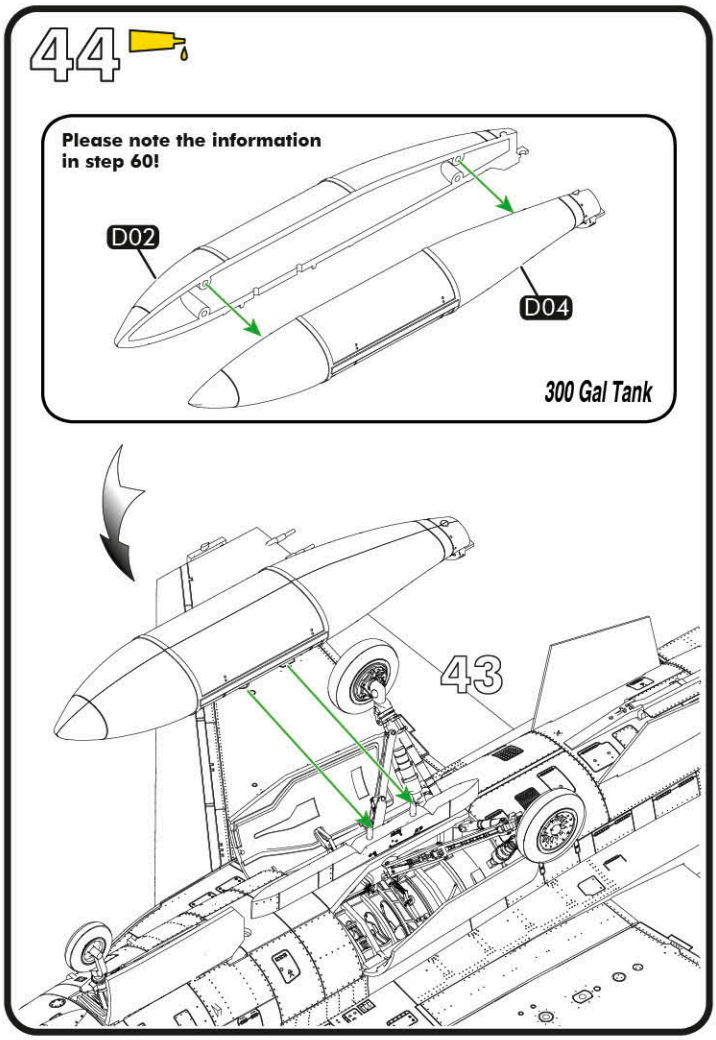

39
130
? landing gear retracted
D11
130
D10
130
D08
130
130
D16

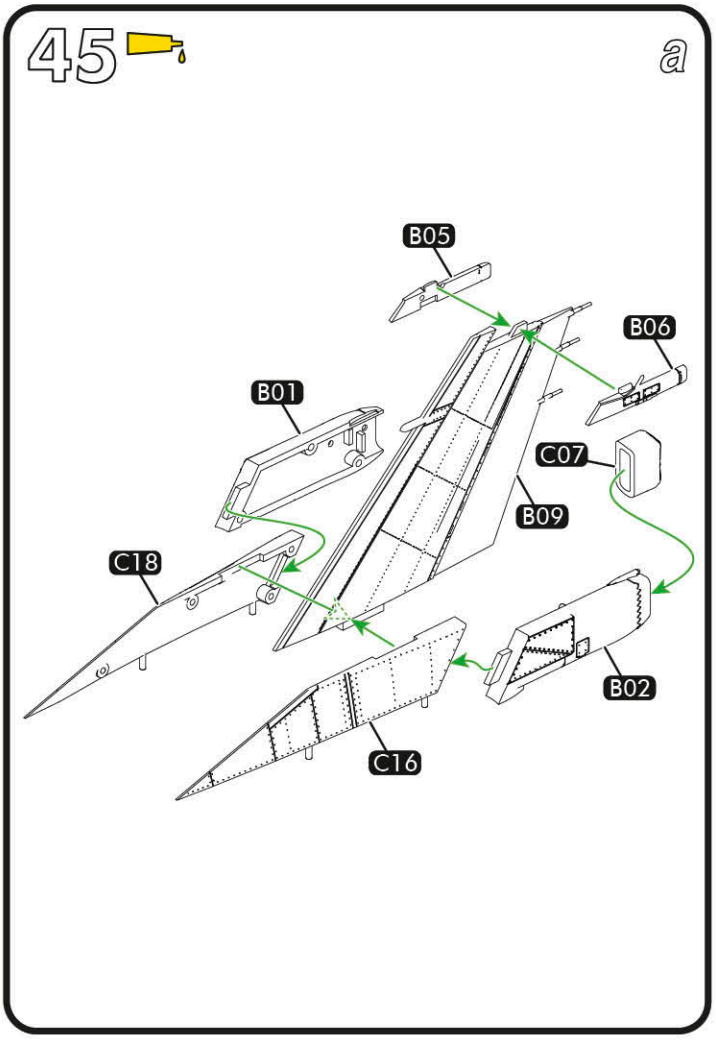

40
130
? landing gear retracted
130
D23
130
D16
25

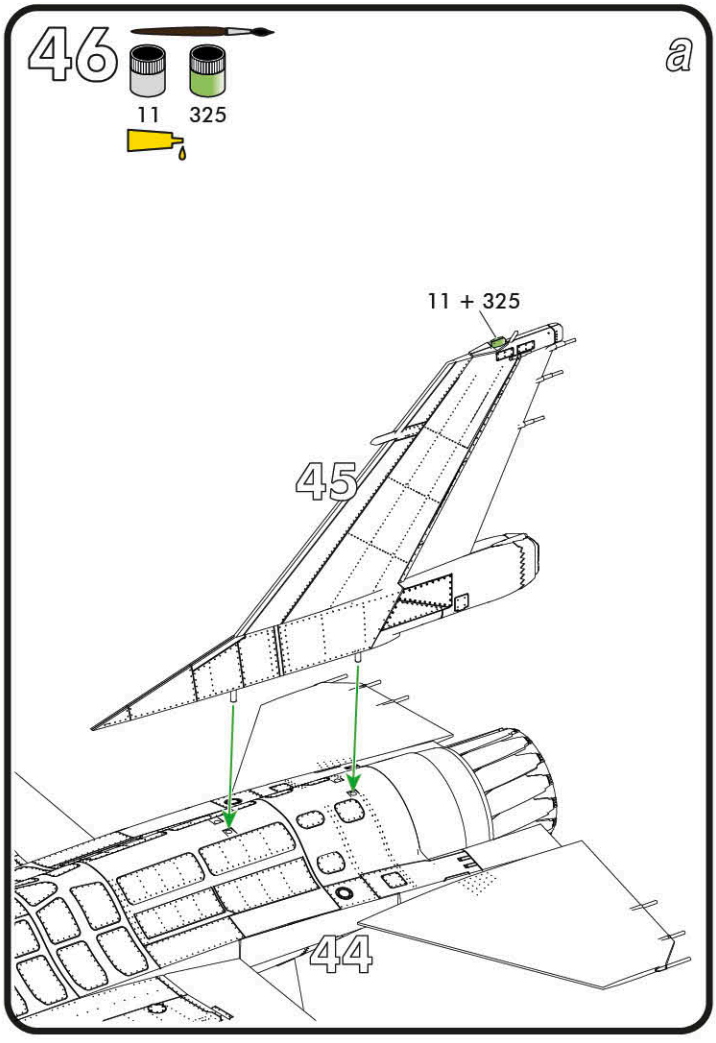

41
? landing gear retracted
D11
D10
C29
40

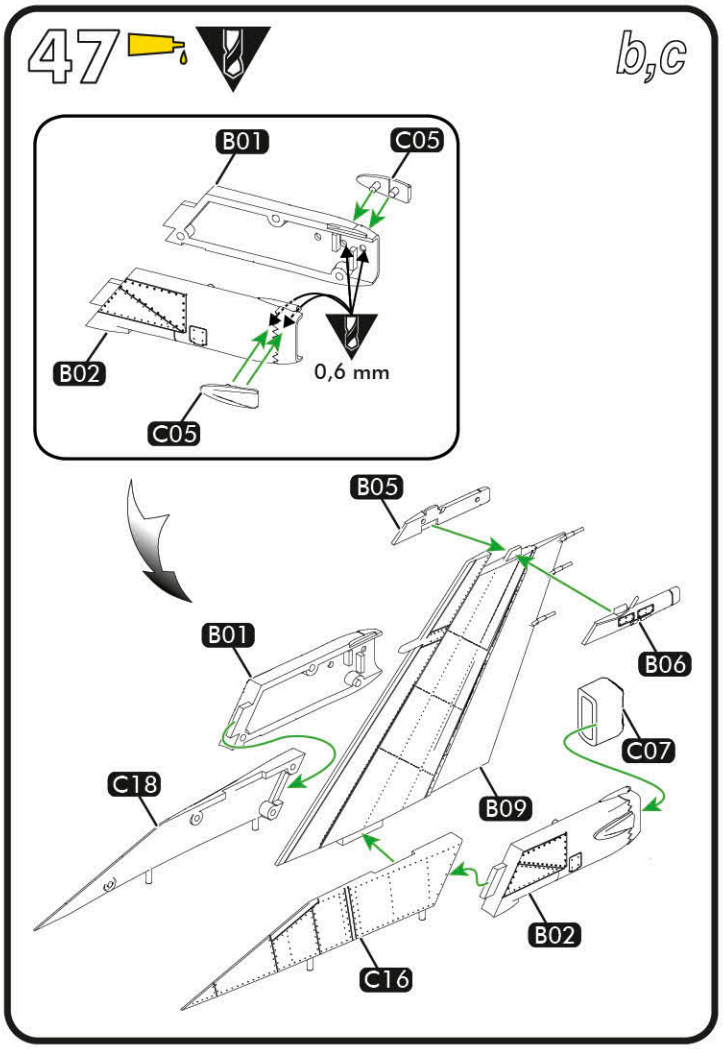

42
? landing gear retracted
D03
A08
41

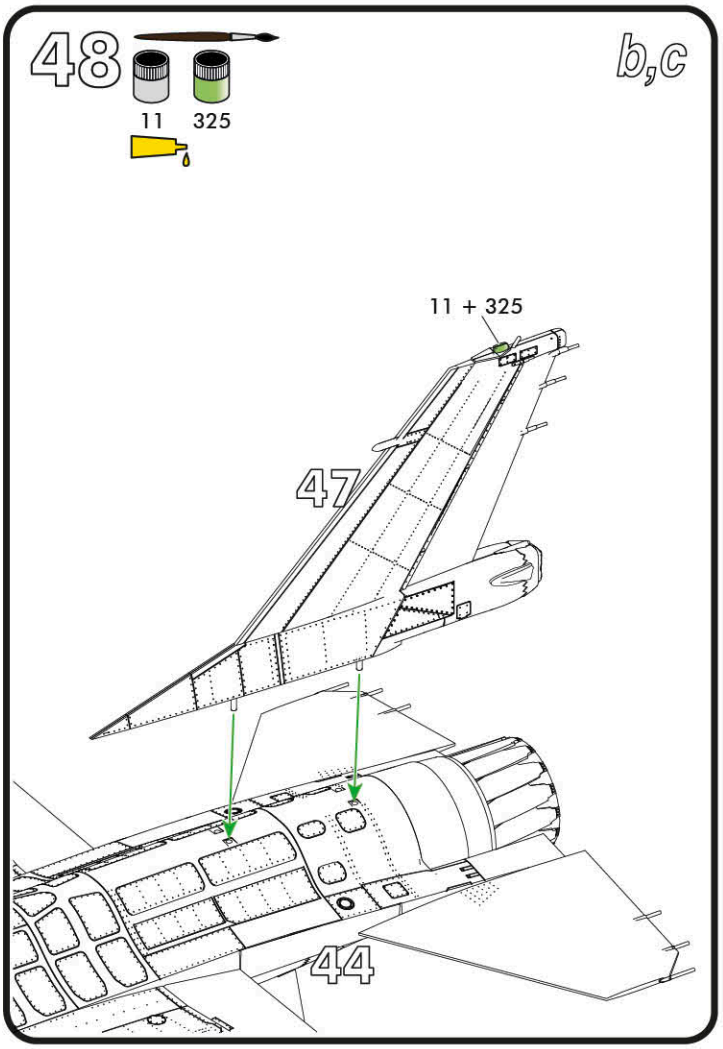

43
C28
C27
42

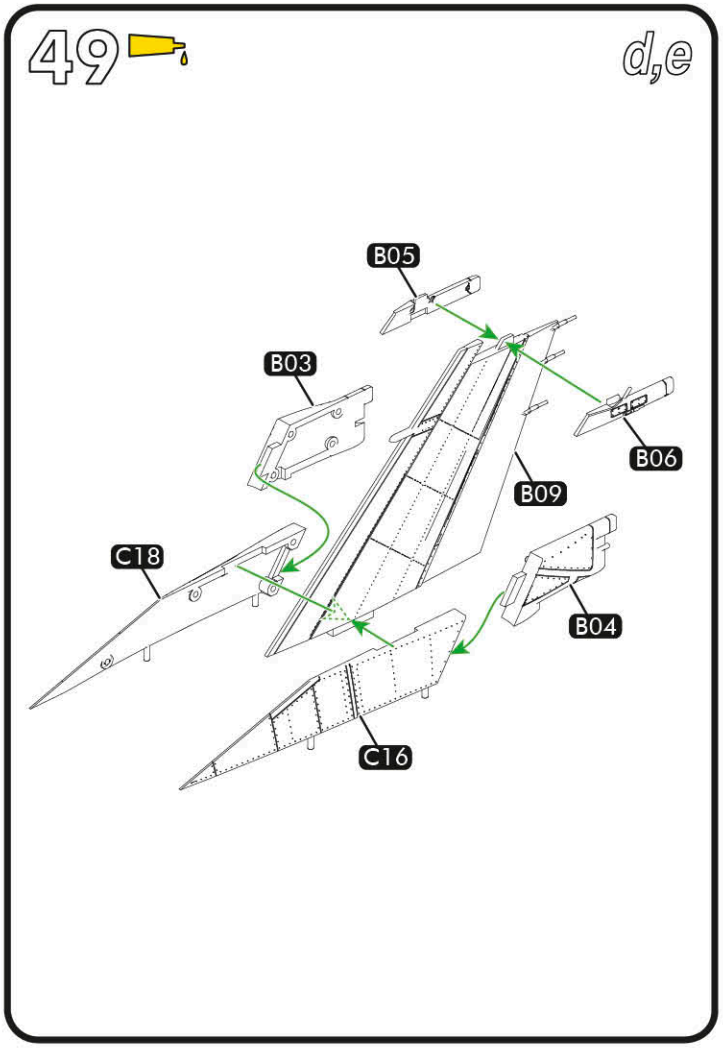

44
Please note the information
in step 60!
D02
D04
300 Gal Tank
43

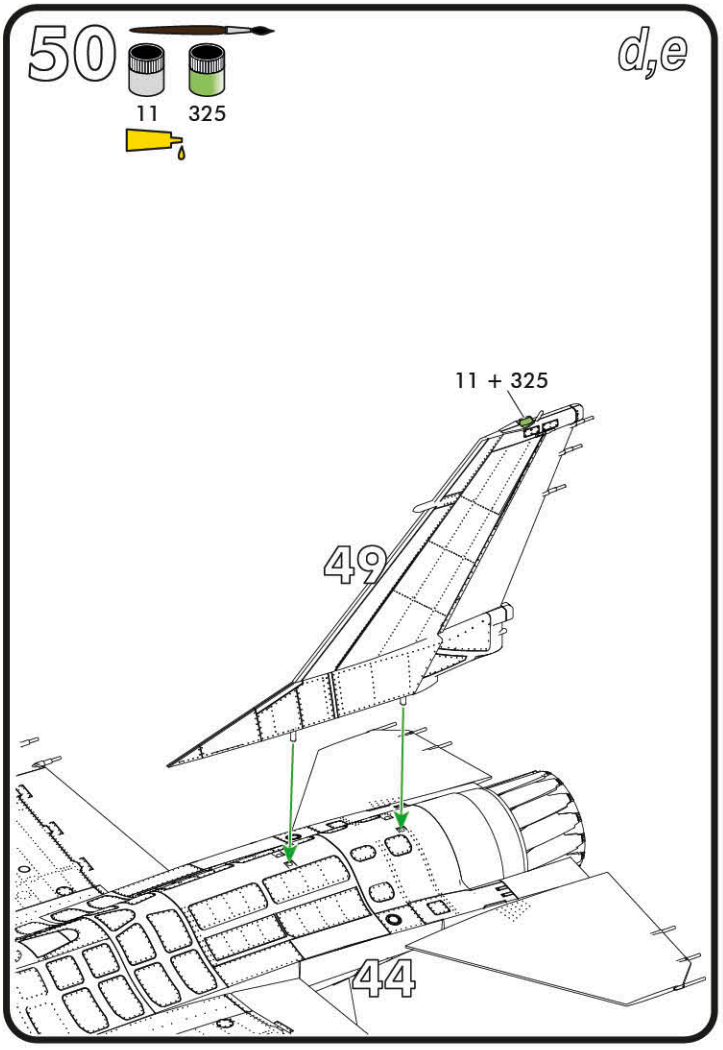

45
a
B05
B06
B01
C07
B09
C18
B02
C16

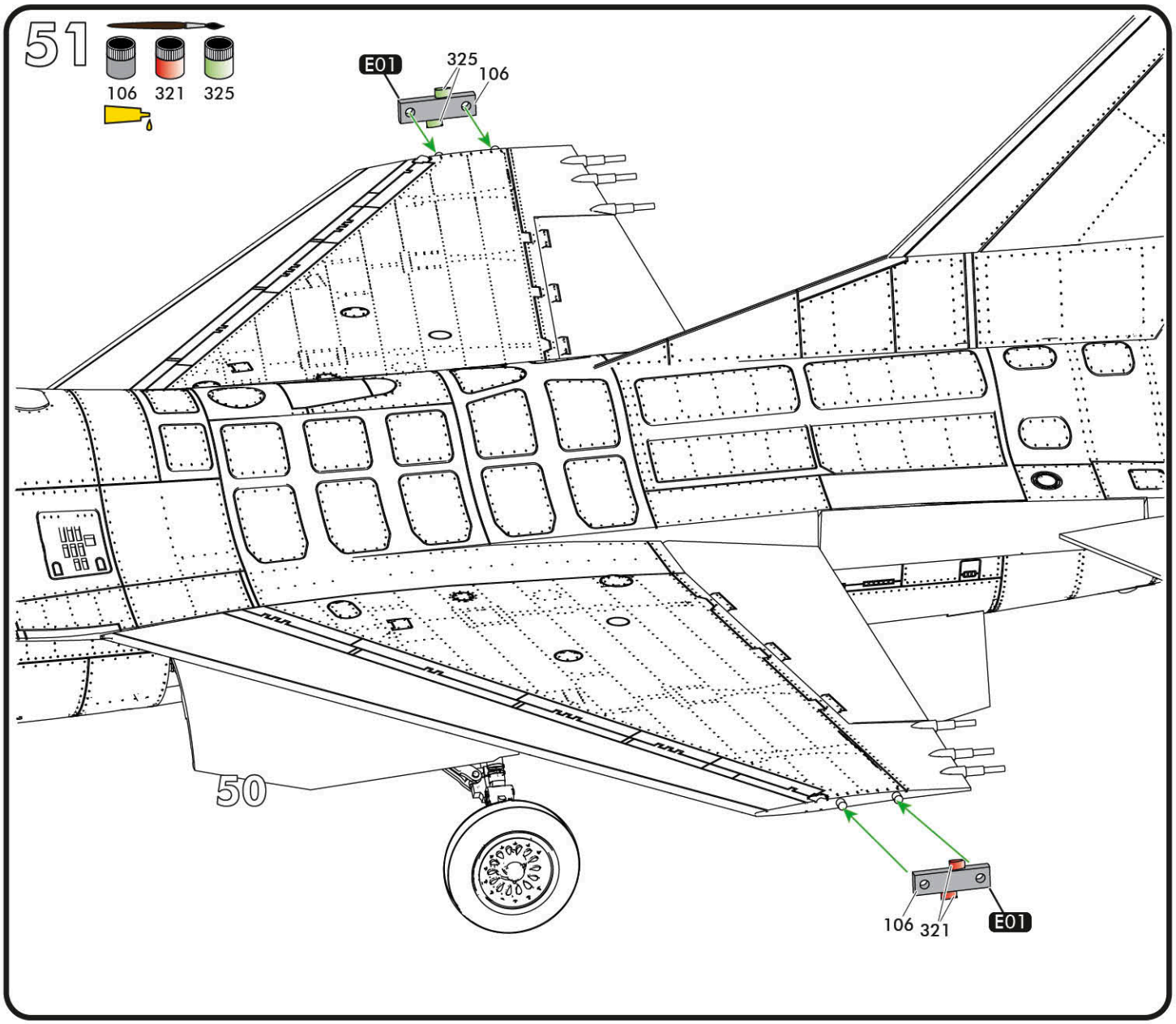

46
a
11
325
11 + 325
45
44

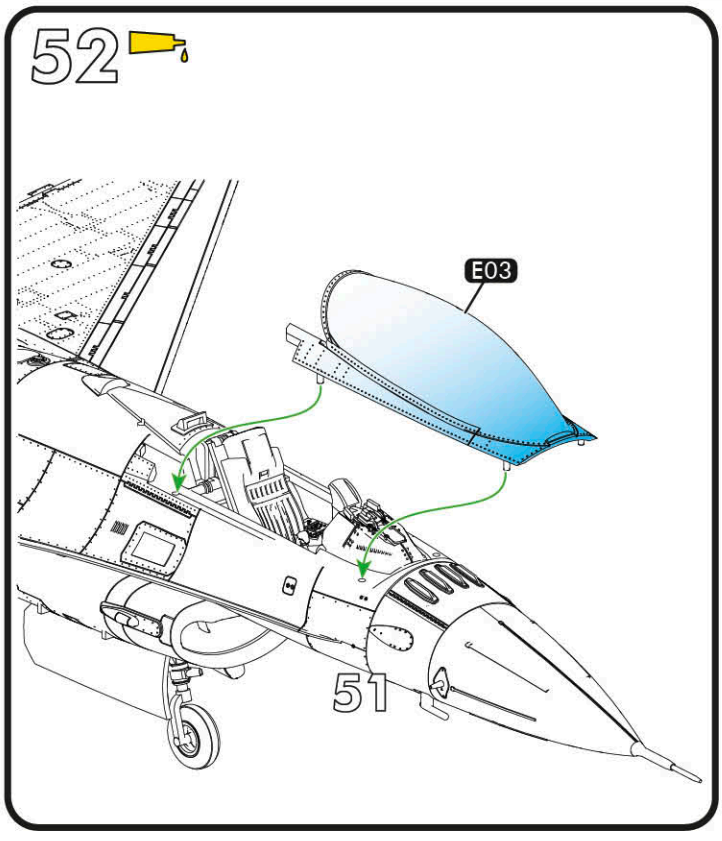

47
b,c
B01
C05
B02
0,6 mm
C05
B05
B01
B06
C07
C18
B09
B02
C16

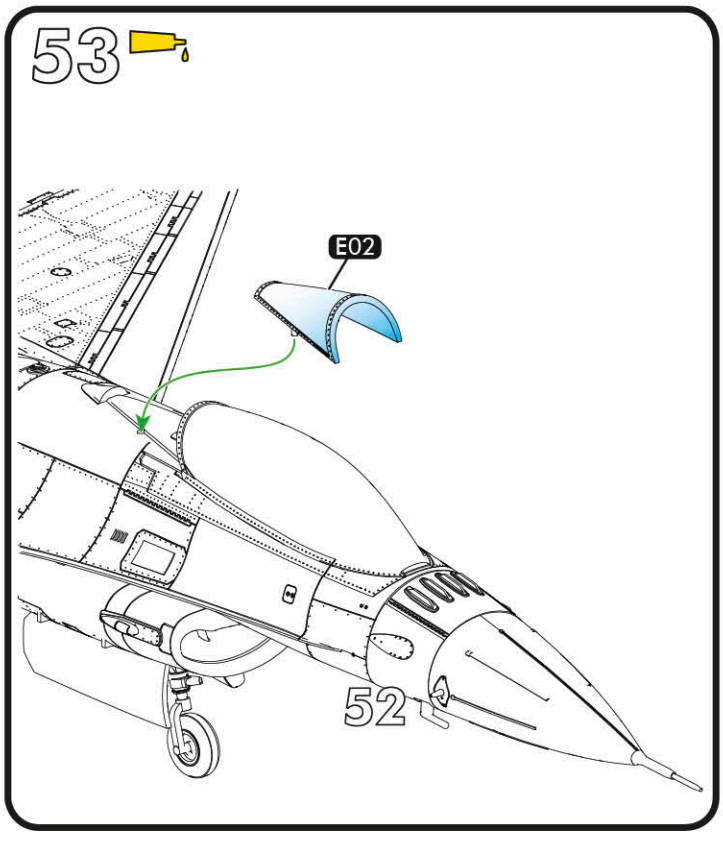

48
b,c
11
325
11 + 325
47
44


49
d,e
B05
B03
B06
B09
C18
B04
C16

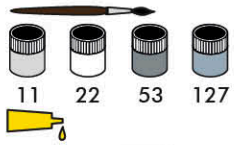

50
d,e
11
325
11 + 325
49
44


51
106
321
325
E01
325
106
50
106
321
E01


52
E03
51

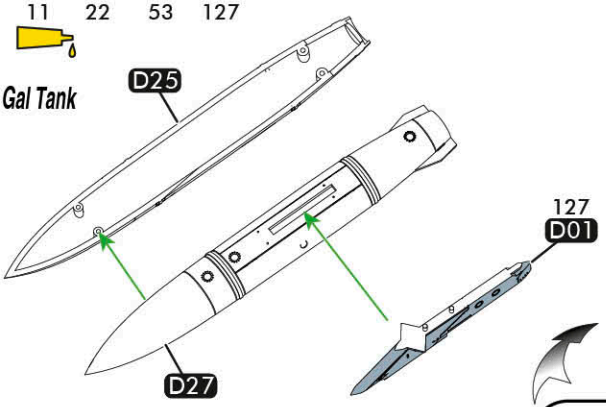

53
E02
52

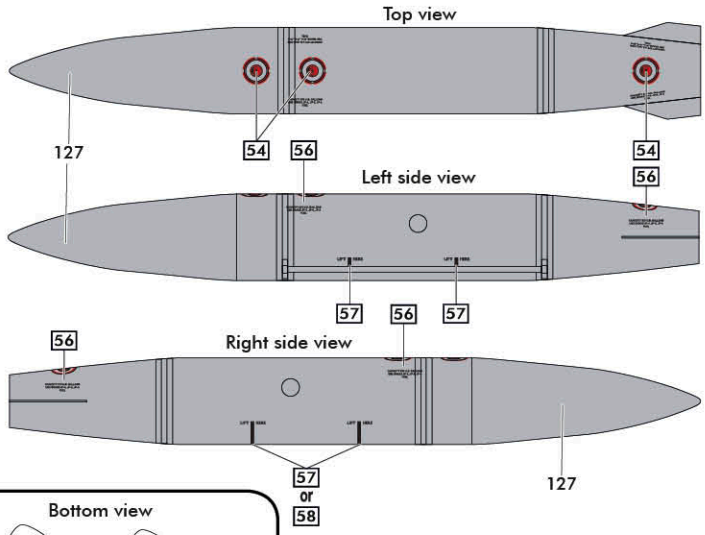
54

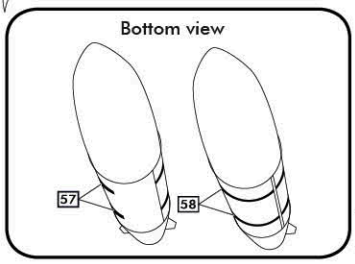


x2

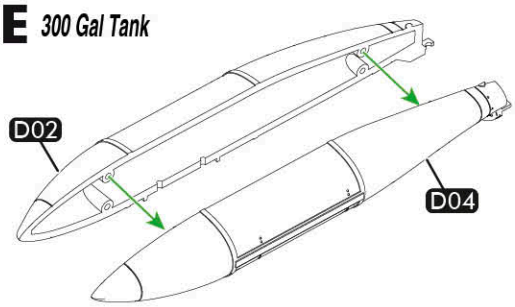
A 370 Gal Tank

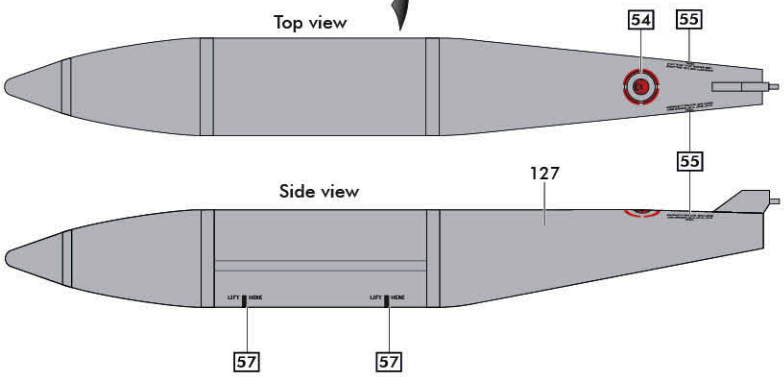






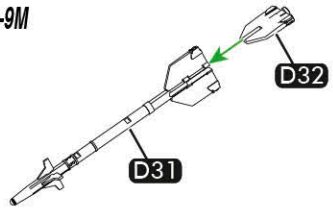
E 300 Gal Tank

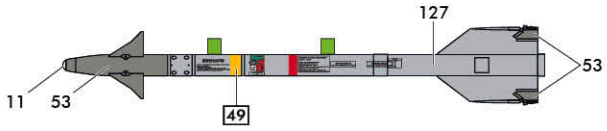




B AIM-9M

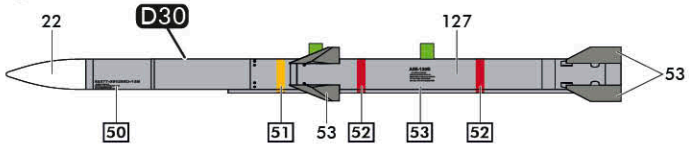
x2





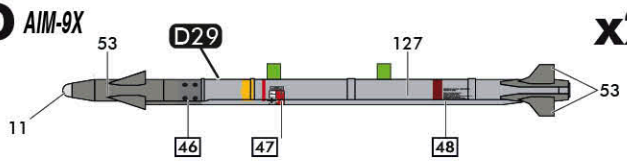
C AIM-120

x2

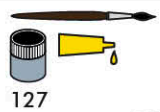


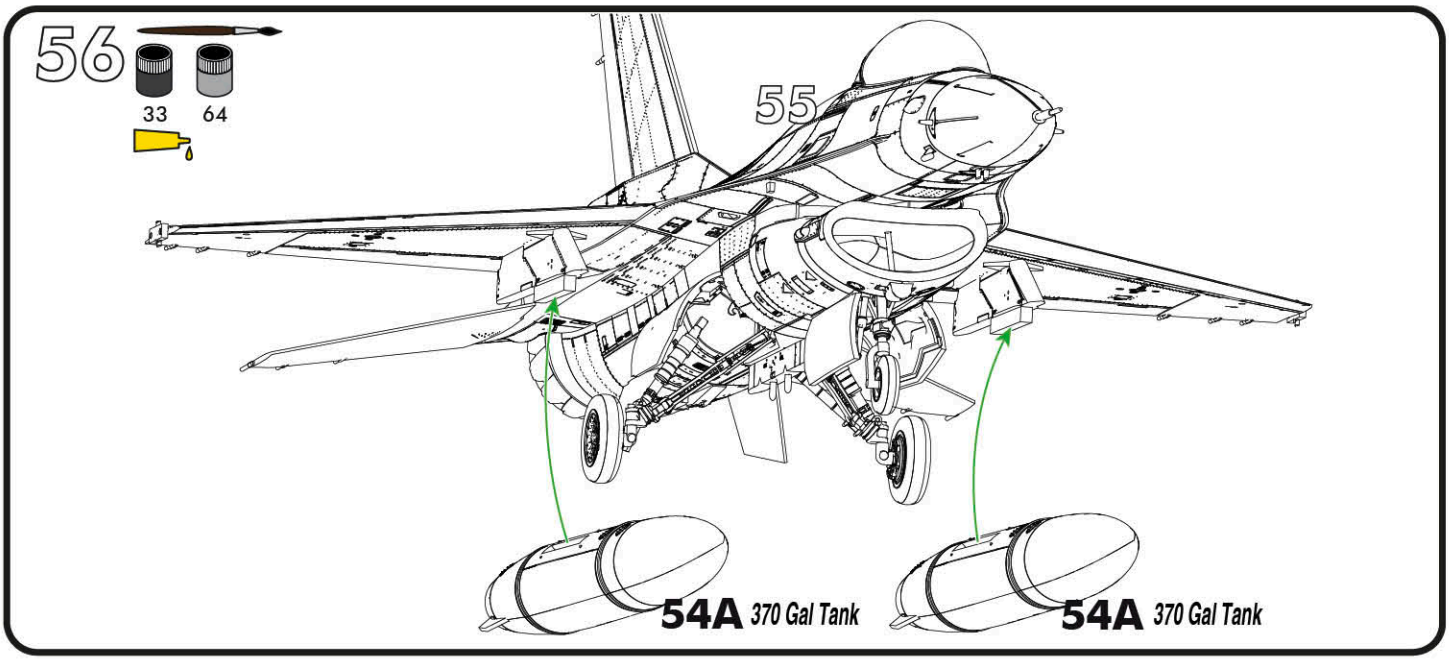
D AIM-9X

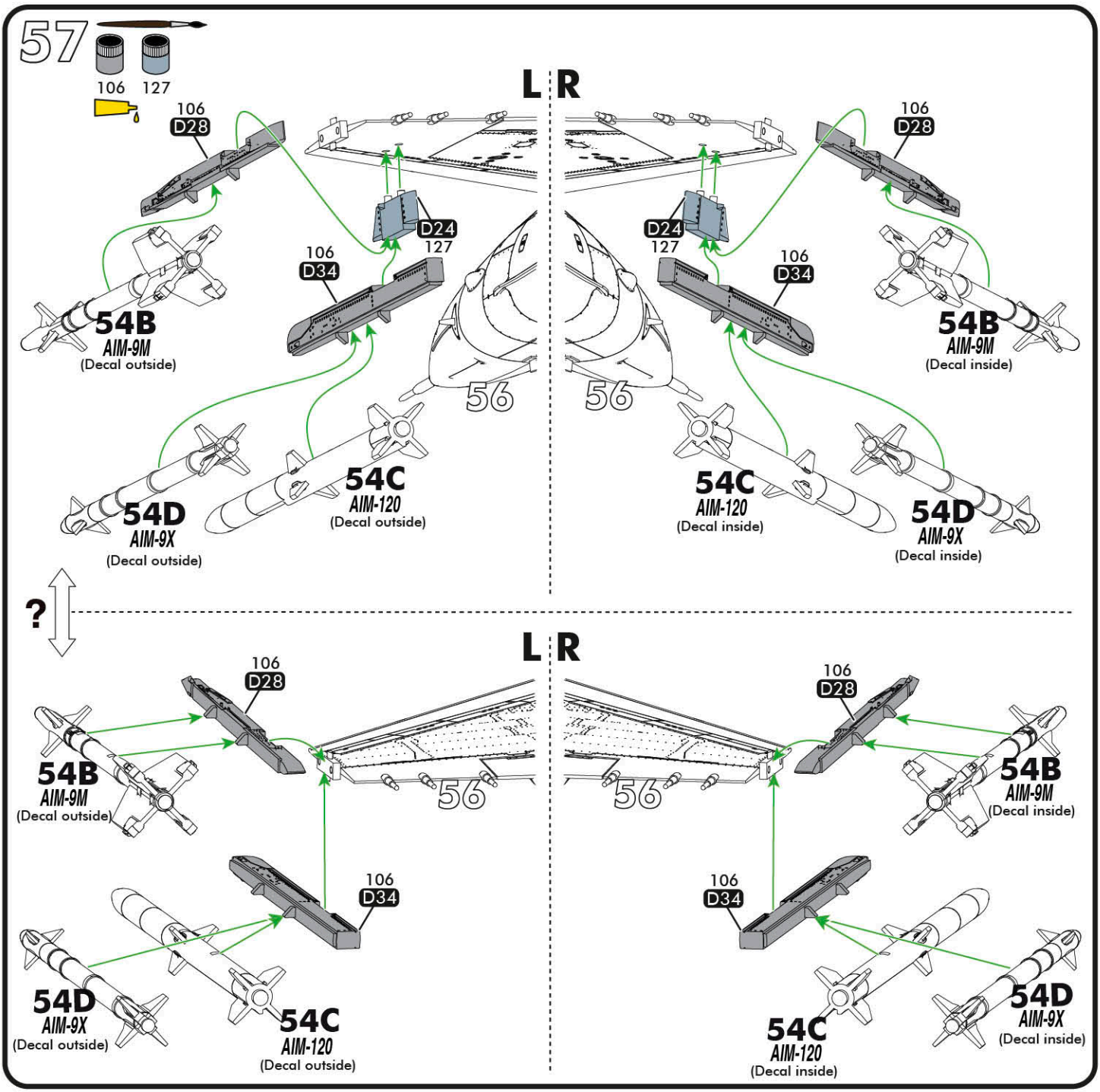
x2



55



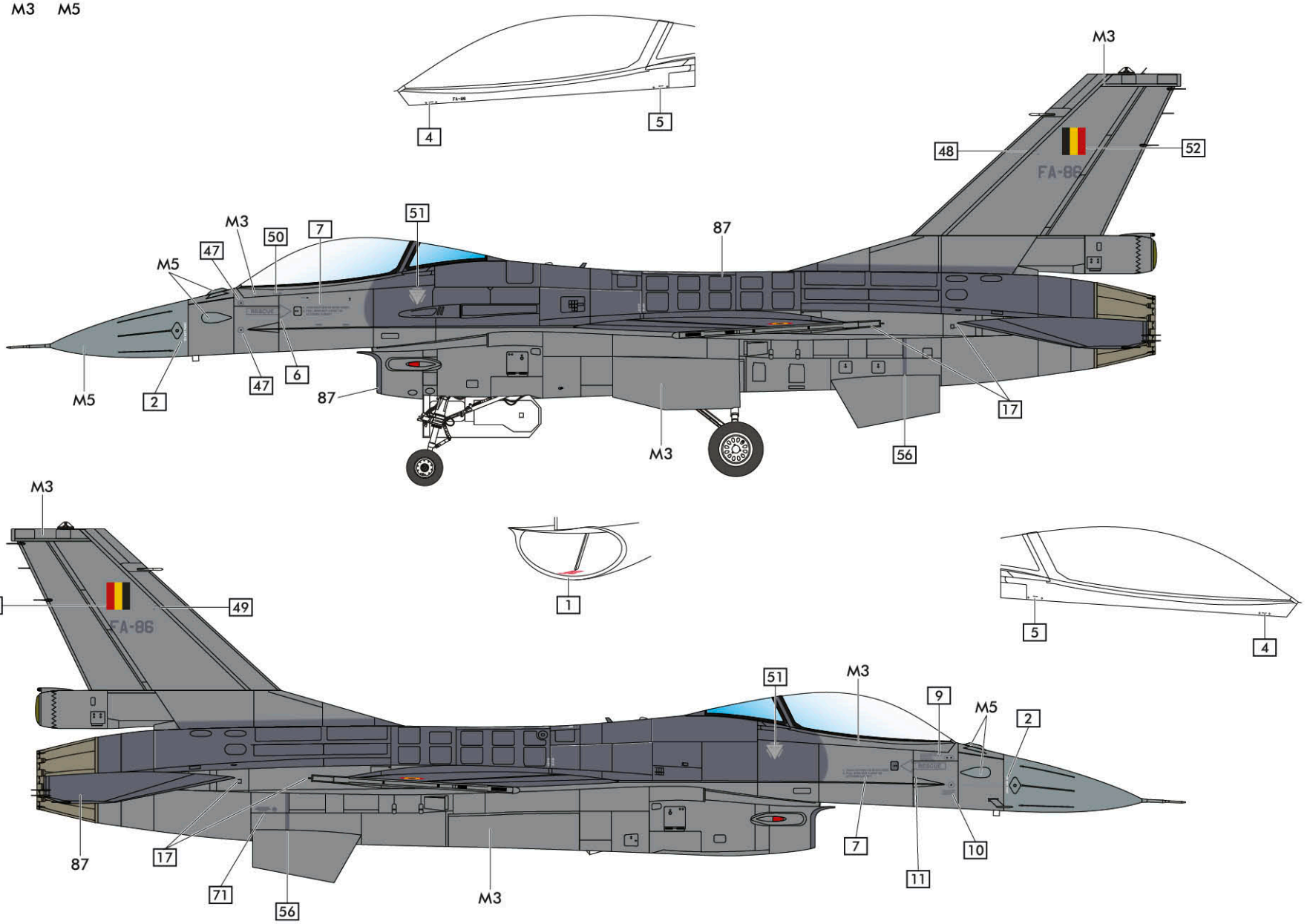

56
33
64
55
54A 370 Gal Tank
54A 370 Gal Tank


57
106
127
L
R
106
D28
D24
127
106
D34
54B
AIM-9M
(Decal outside)
54B
AIM-9M
(Decal inside)
56
54C
AIM-120
(Decal outside)
54D
AIM-9X
(Decal outside)
54C
AIM-120
(Decal inside)
54D
AIM-9X
(Decal inside)
?
L
R
106
D28
54B
AIM-9M
(Decal outside)
54B
AIM-9M
(Decal inside)
56
106
D34
54D
AIM-9X
(Decal outside)
54C
AIM-120
(Decal outside)
54C
AIM-120
(Decal inside)
54D
AIM-9X
(Decal inside)

58

87 127 M3 M5

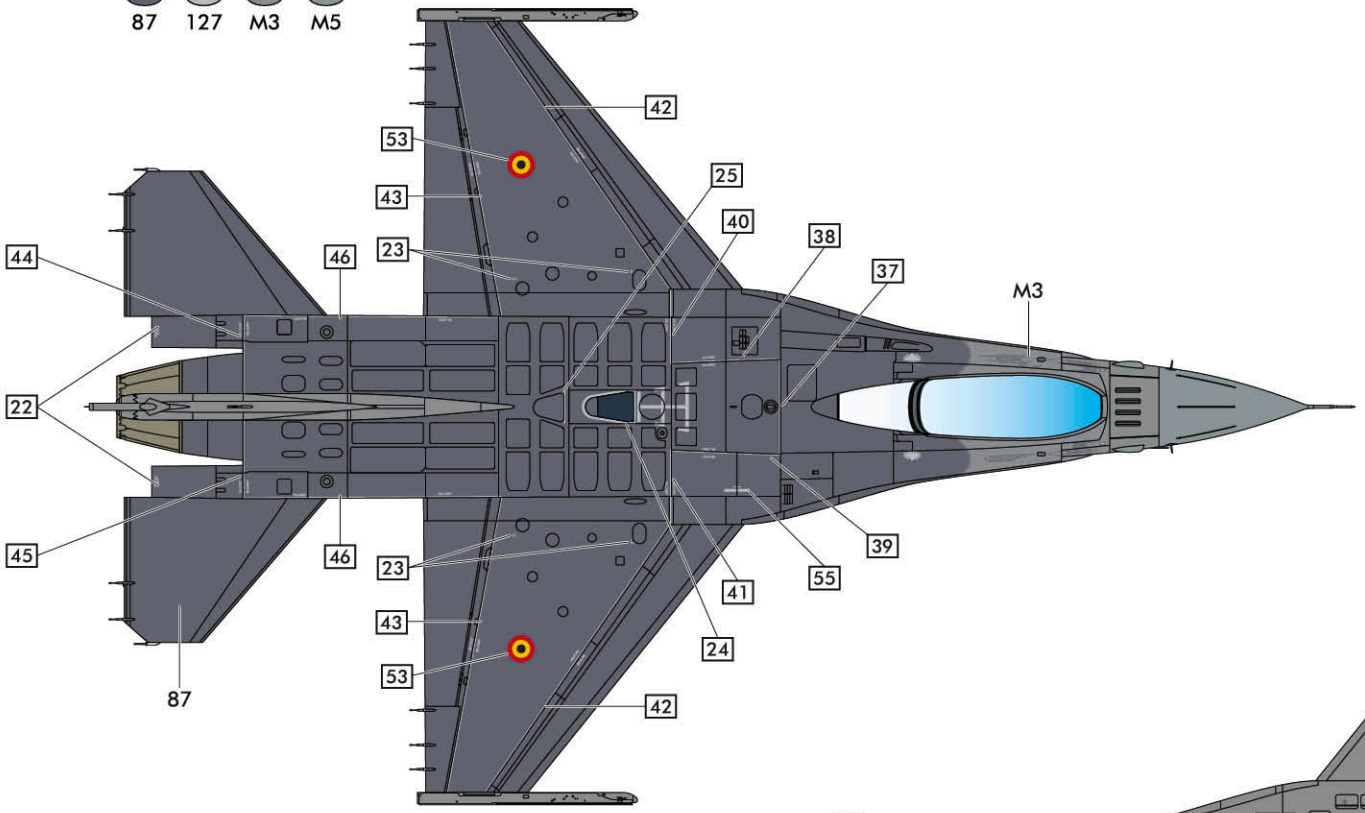
F-16A Block 20 MLU, 80-3577, FA-86, 350 Sqn,
Belgian Air Force, Florennes Air Base, 2023

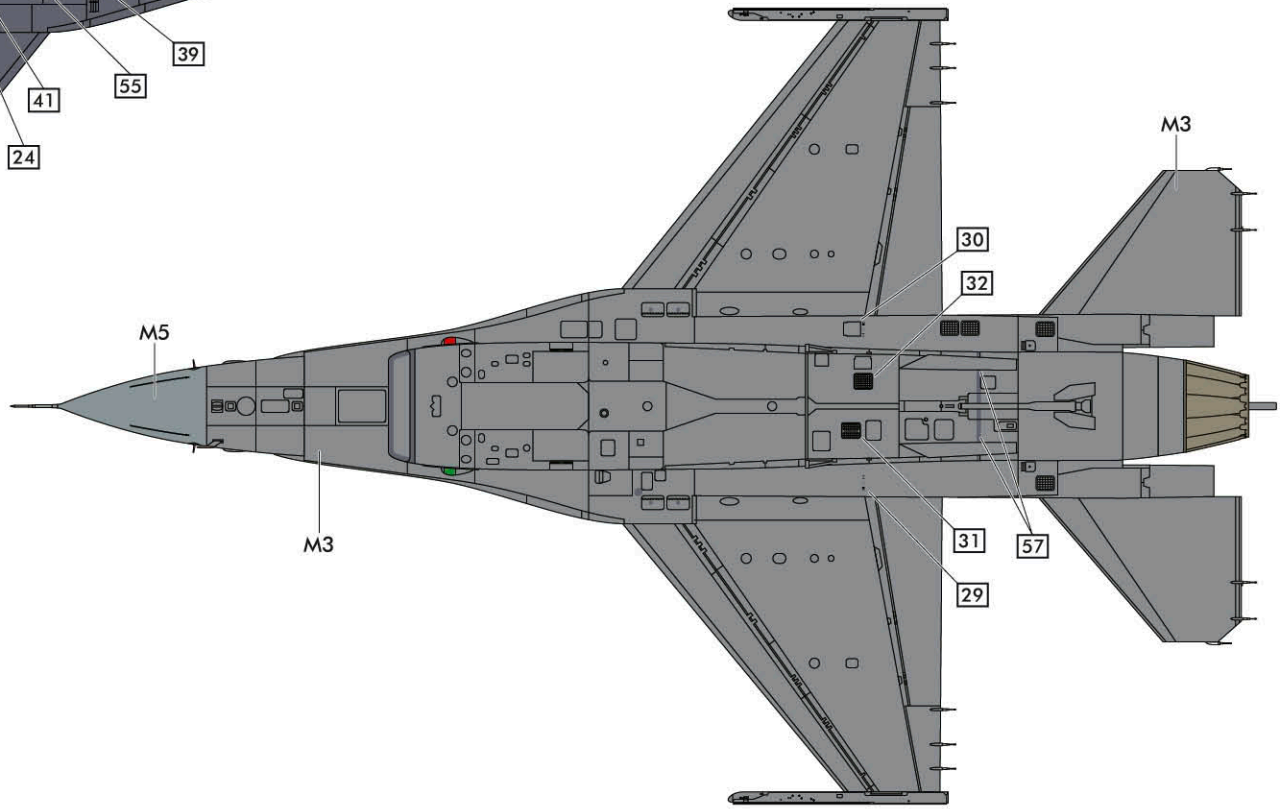


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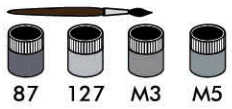
87 127 M3 M5

F-16A Block 20 MLU, 80-3577, FA-86, 350 Sqn,
Belgian Air Force, Florennes Air Base, 2023

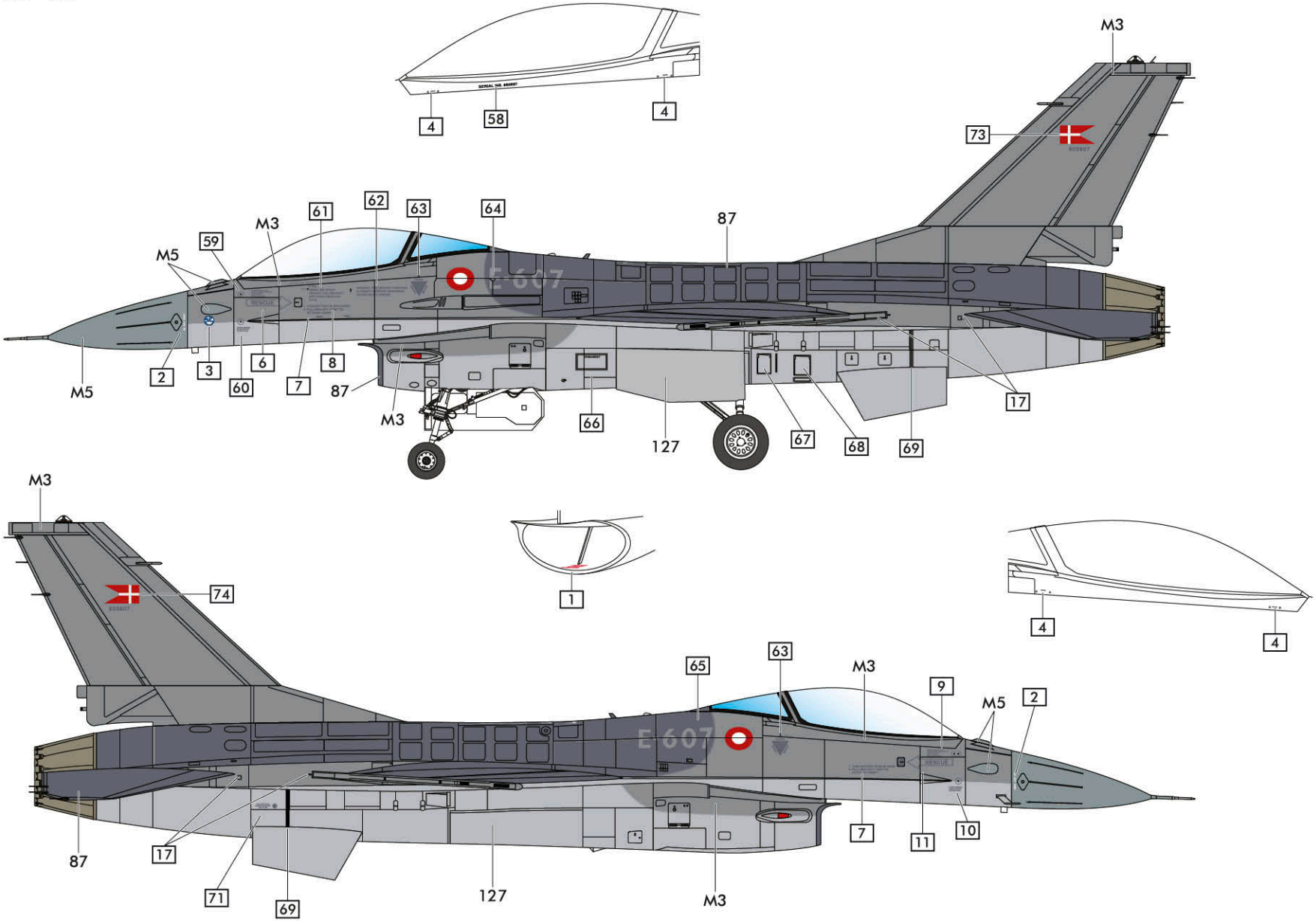




58



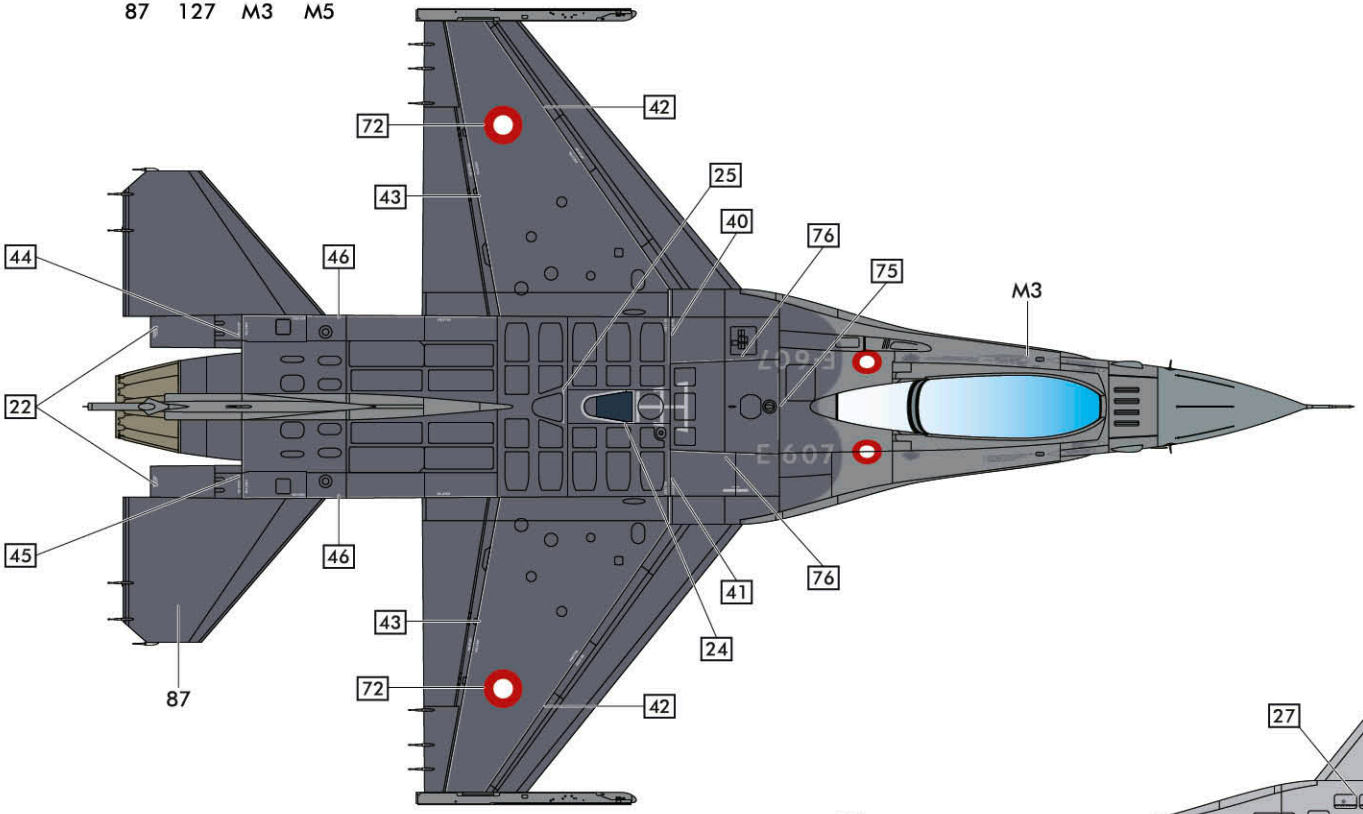
F-16A Block 20 MLU, 80-3607, E-607, Esk 727,
Royal Danish Air Force, Skrydstrup Air Base, 2013

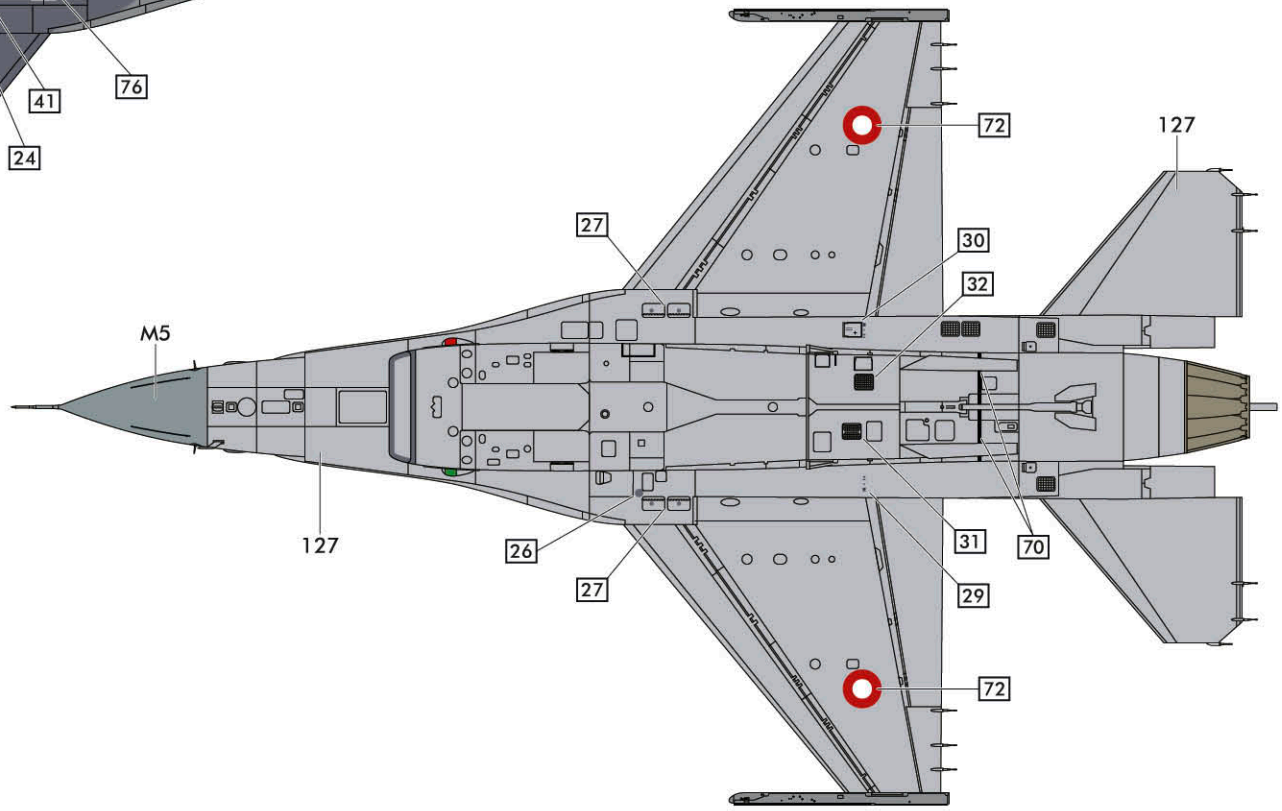


59

87 127 M3 M5

F-16A Block 20 MLU, 80-3607, E-607, Esk 727,
Royal Danish Air Force, Skrydstrup Air Base, 2013

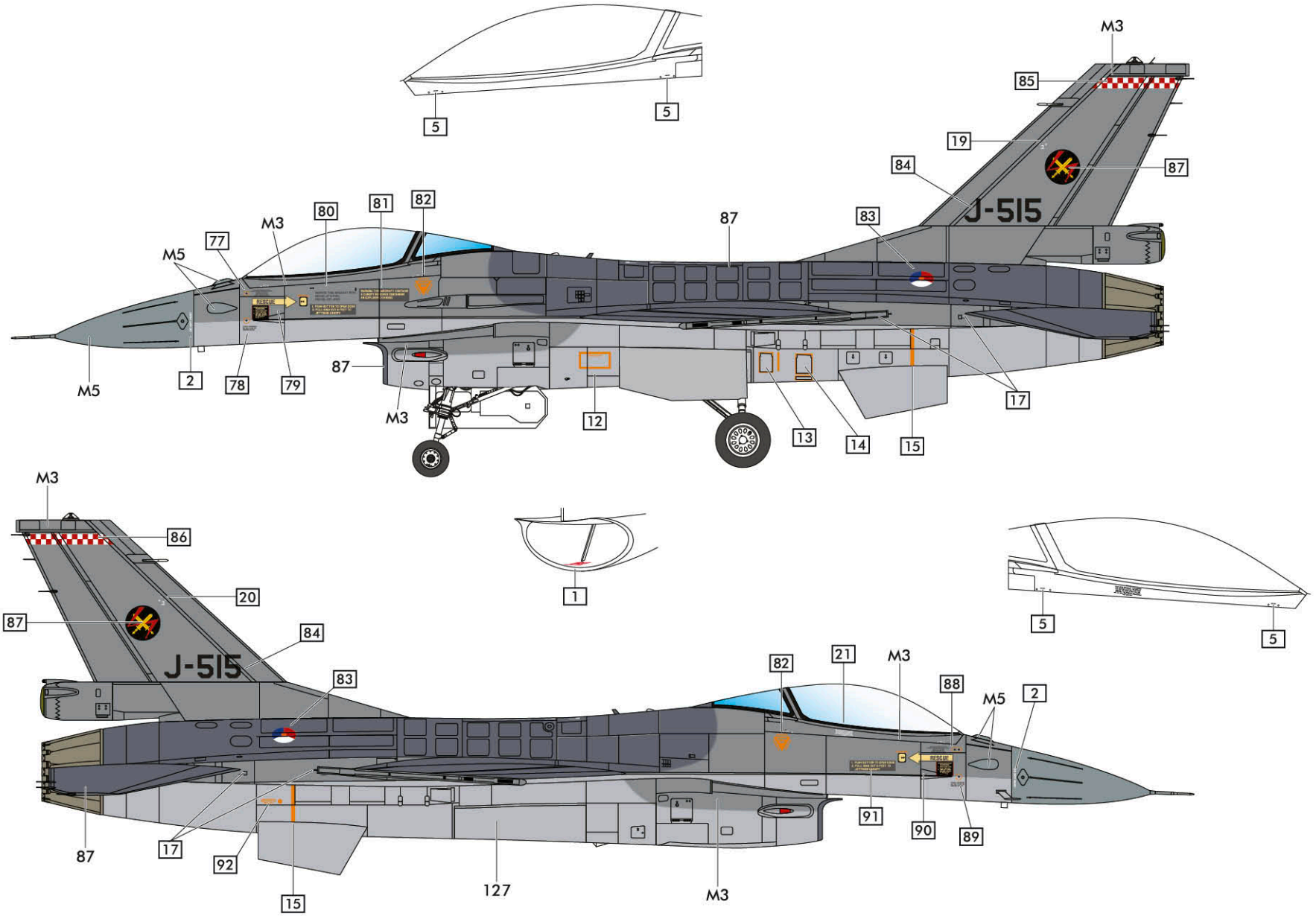




58

87 127 M3 M5

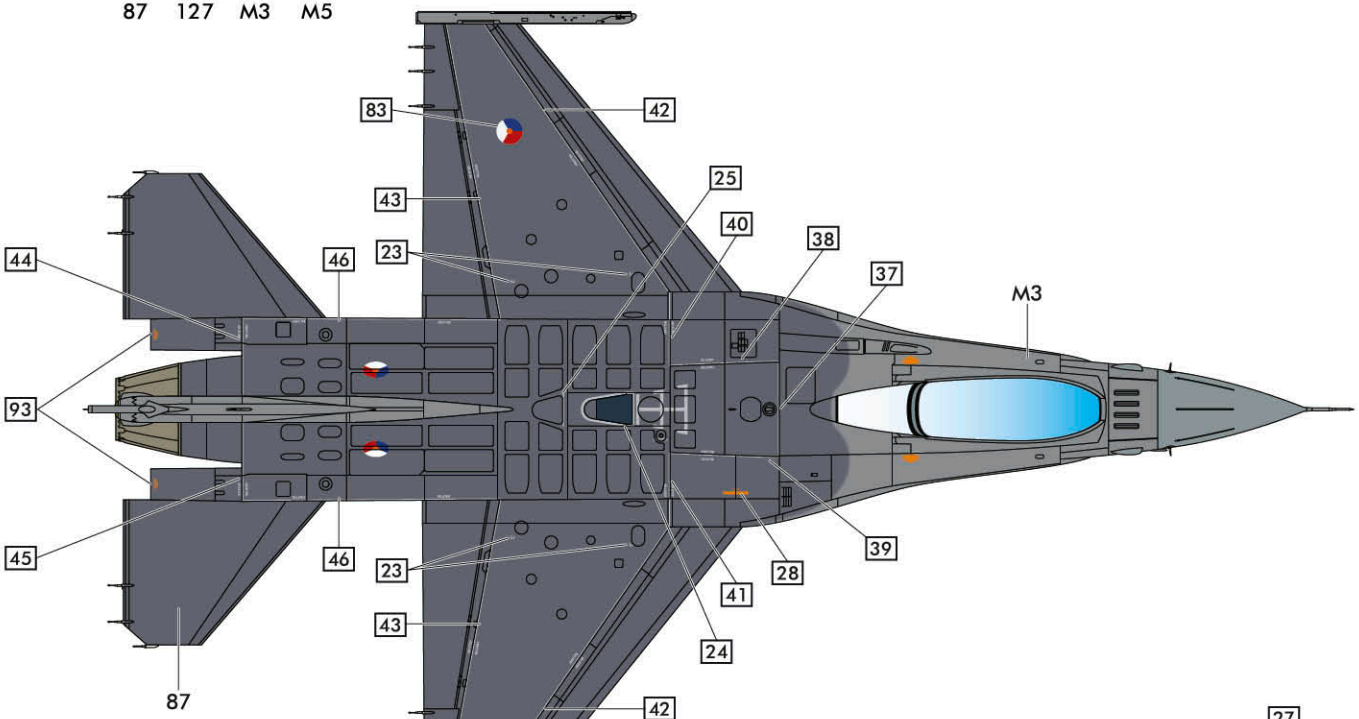
F-16A Block 20 MLU, 87-0515, J-515 312 Sqn,
Royal Netherlands Air Force Volkel Air Base 2021

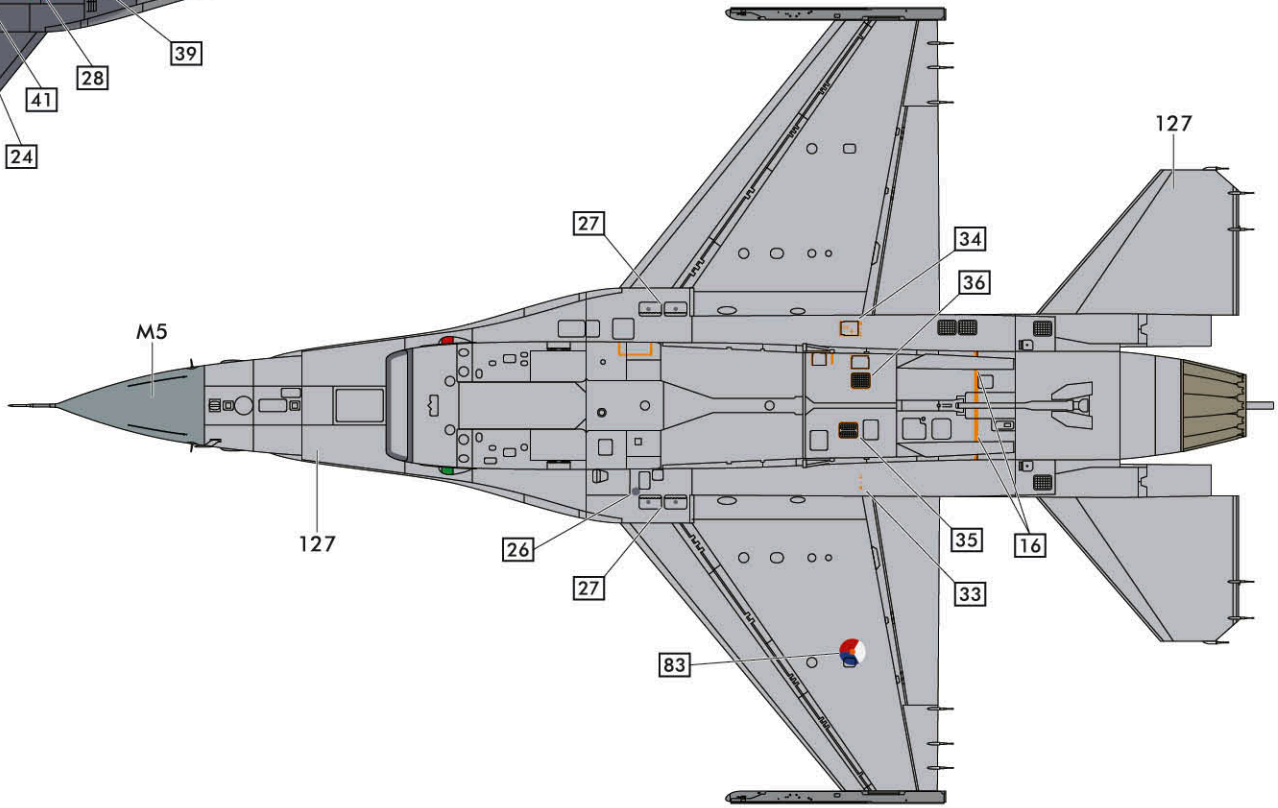


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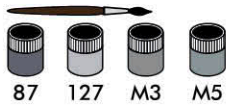
87 127 M3 M5

F-16A Block 20 MLU, 87-0515, J-515 312 Sqn,
Royal Netherlands Air Force Volkel Air Base 2021

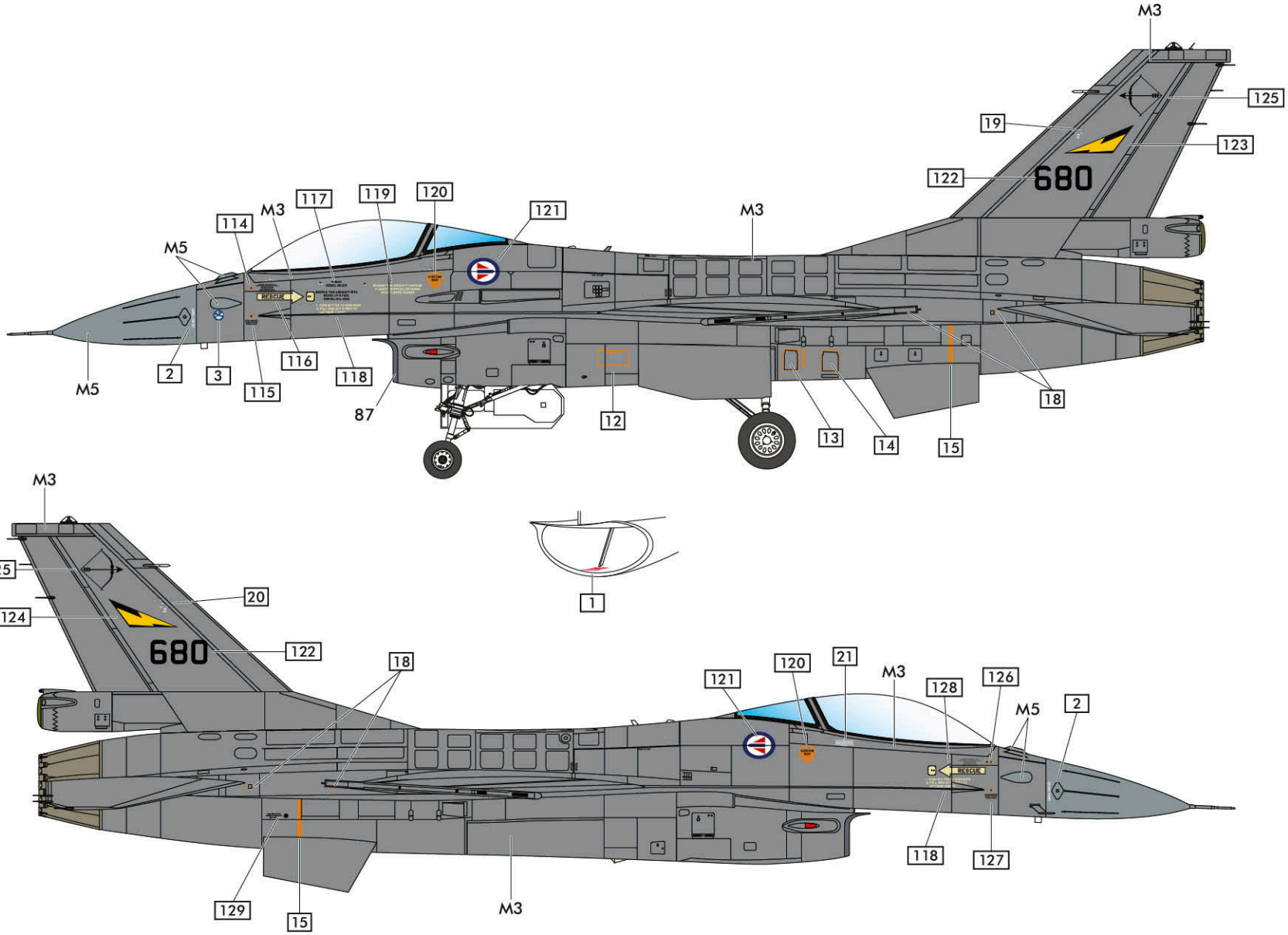




58



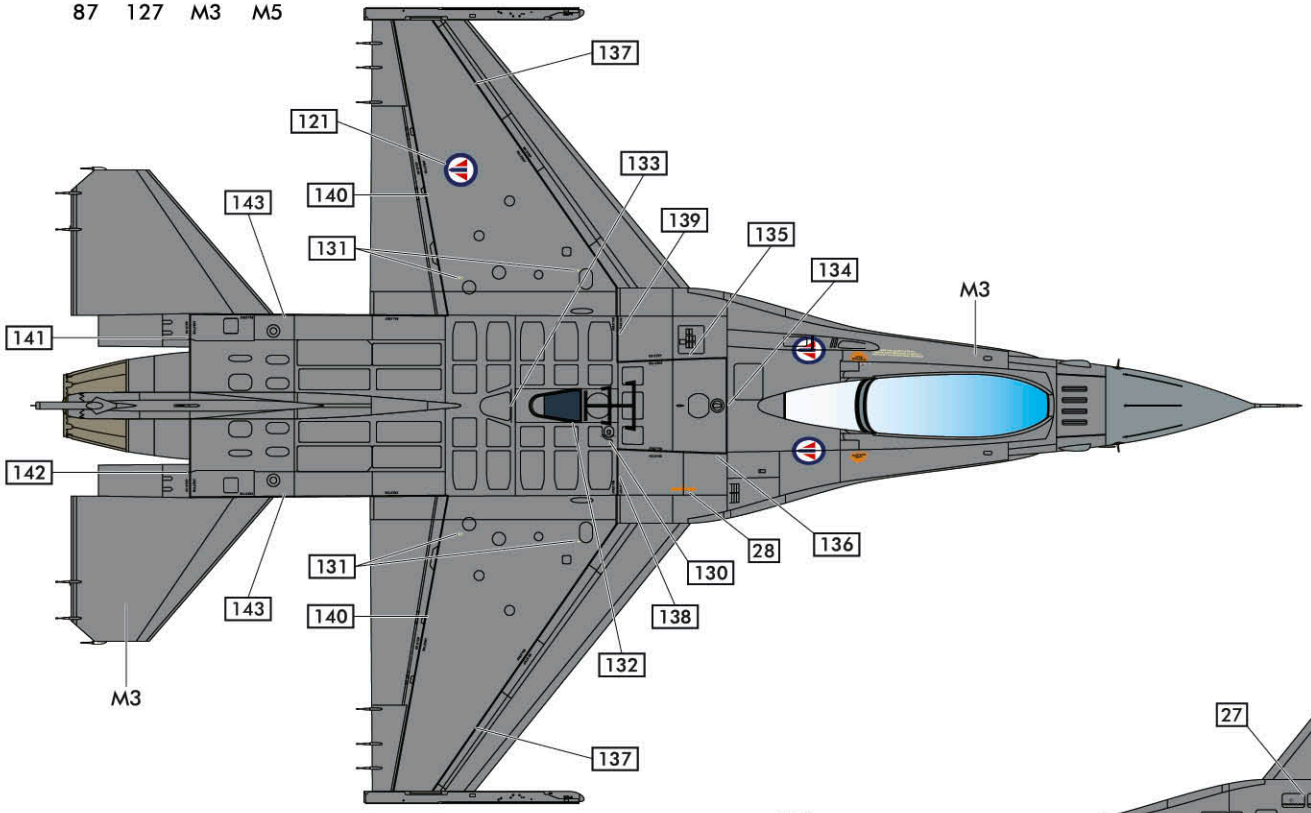
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Royal Norwegian Air Force, Kabul, 2006

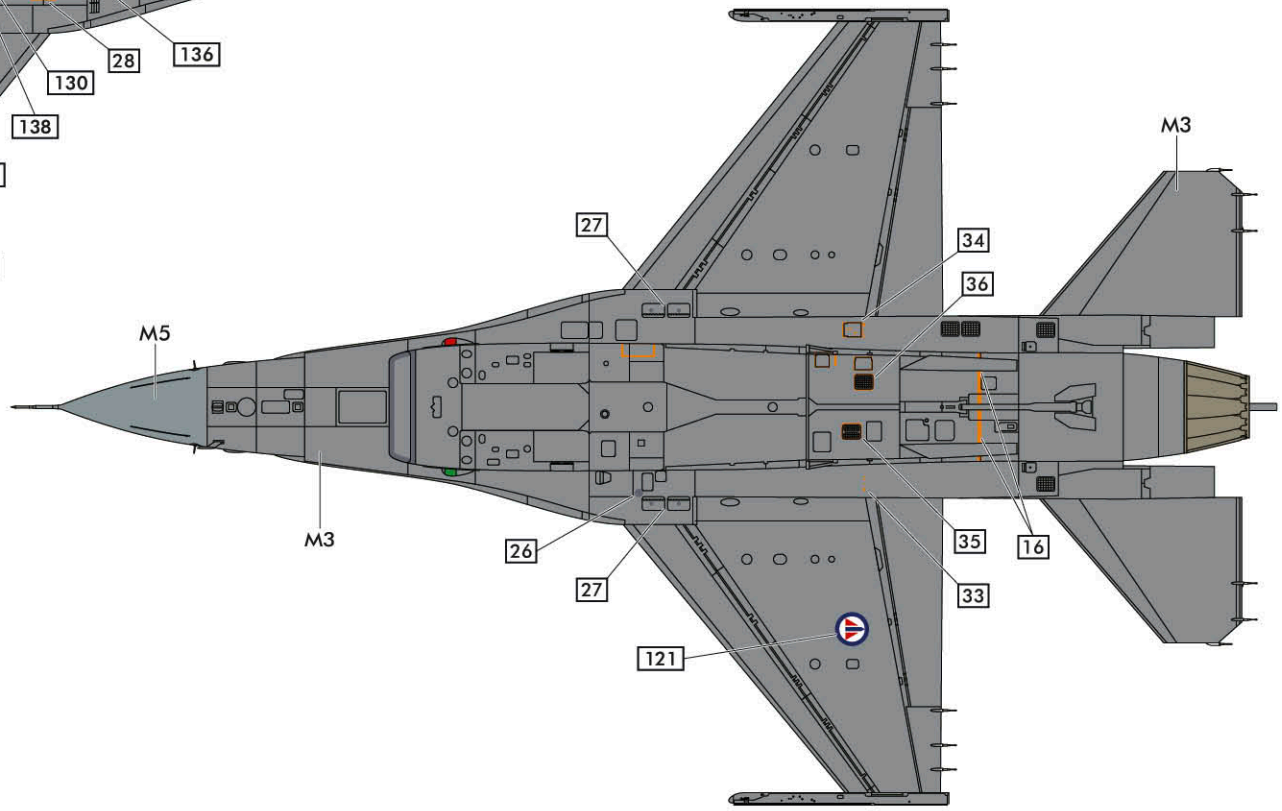


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87 127 M3 M5

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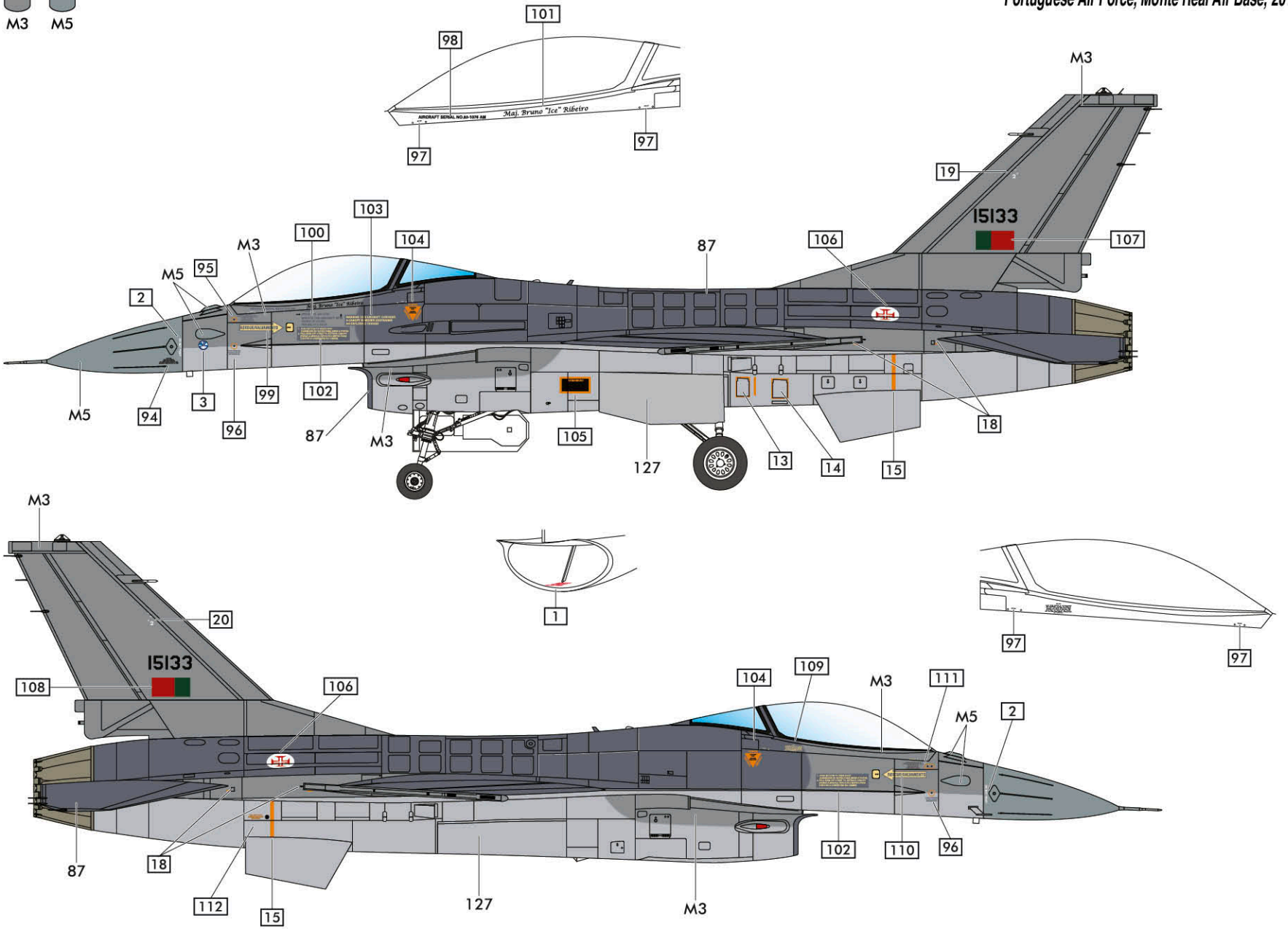




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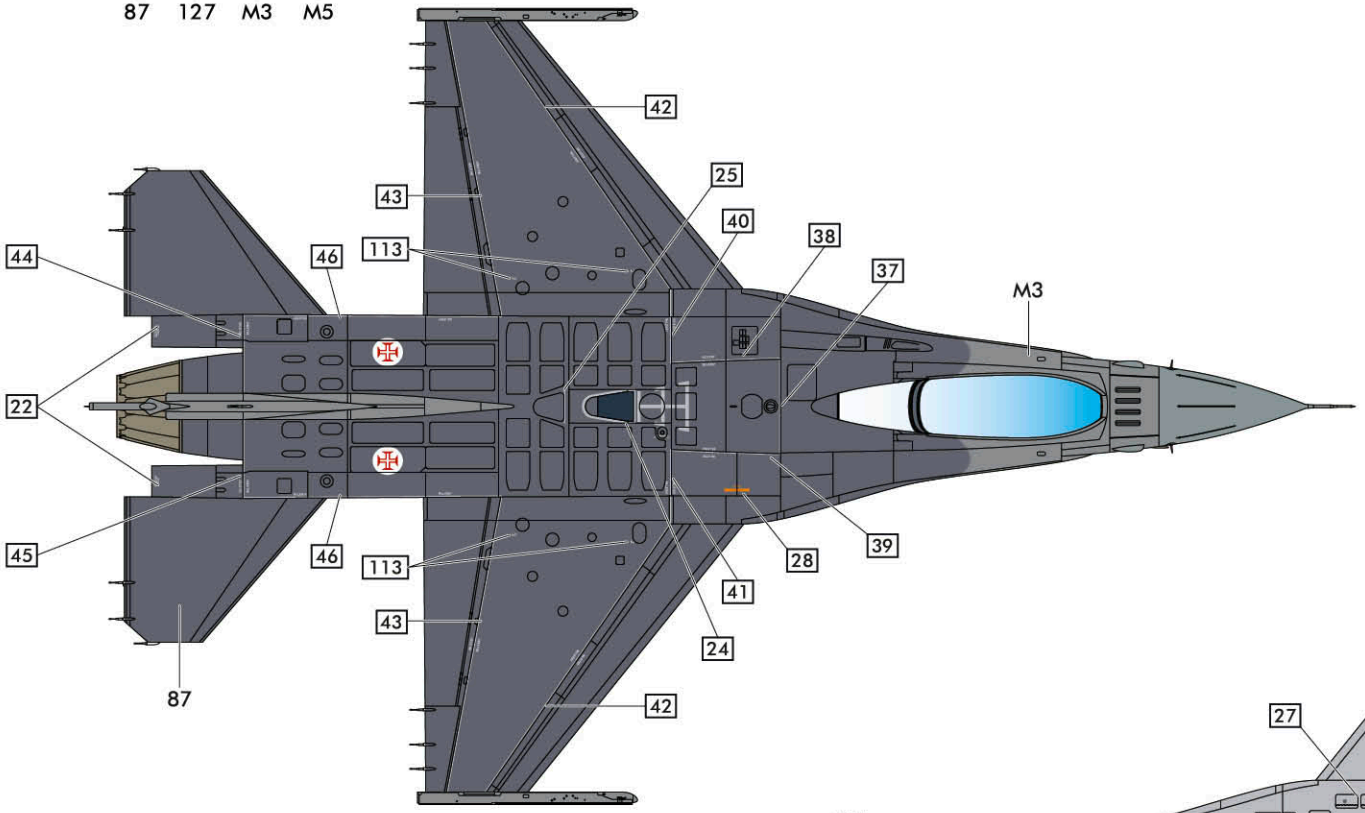
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Portuguese Air Force, Monte Real Air Base, 2016

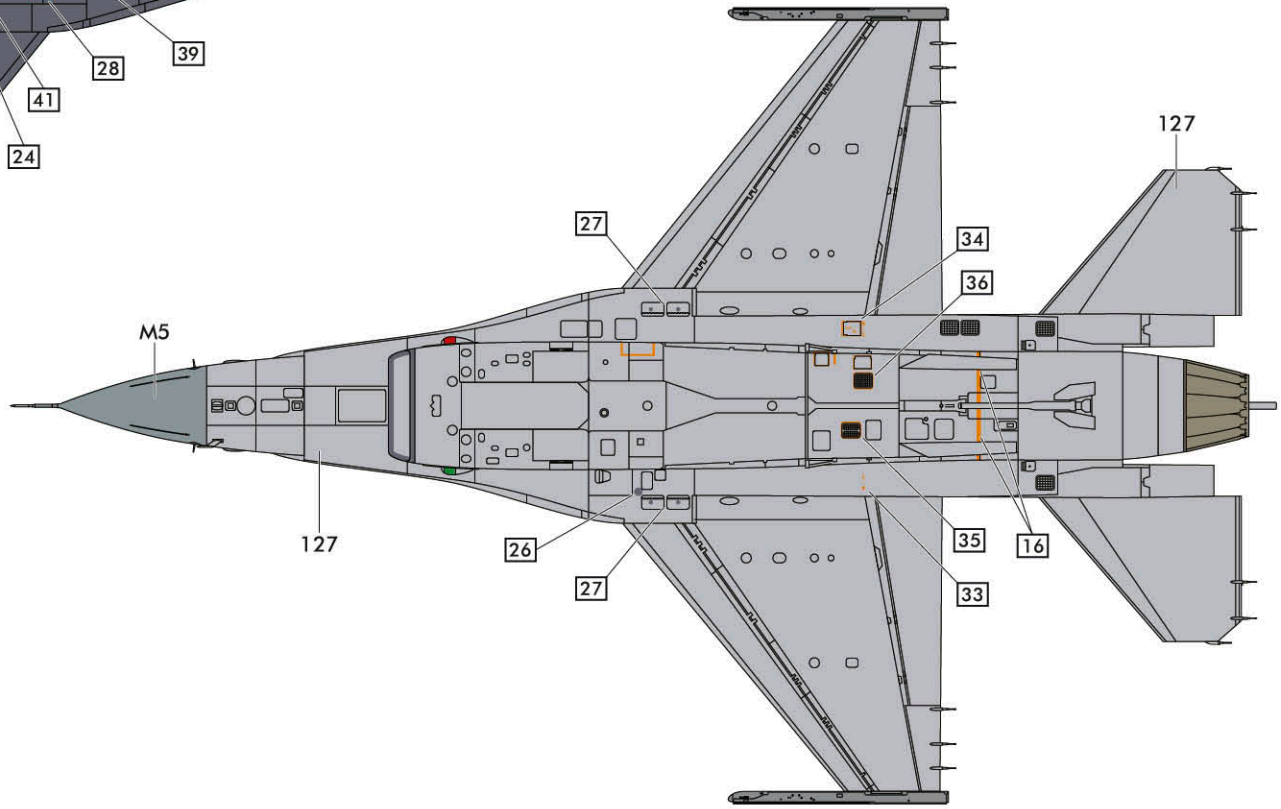


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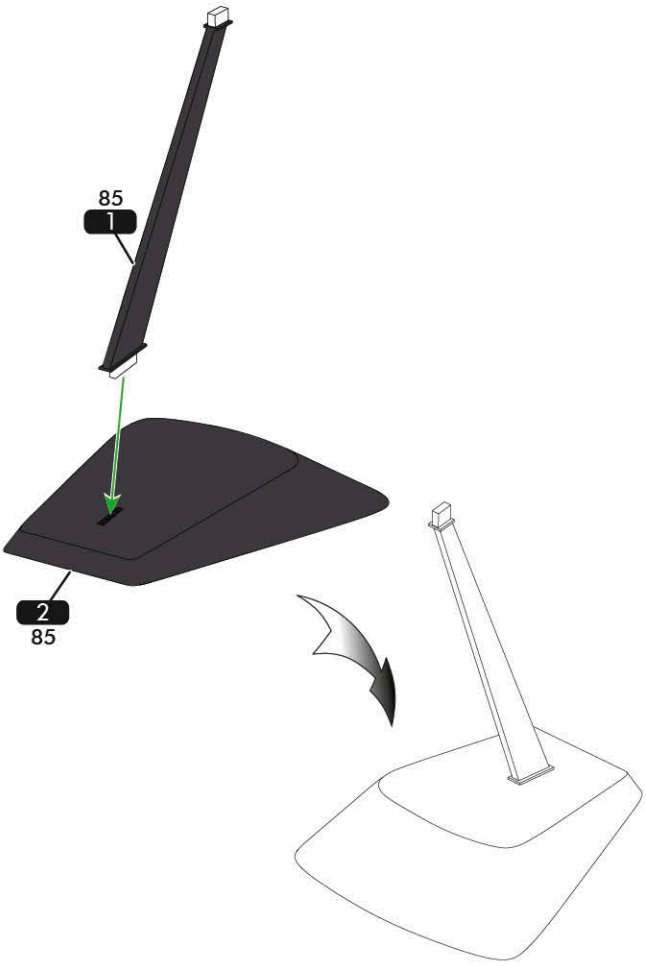




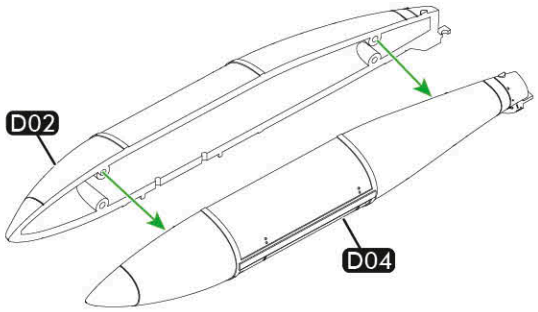
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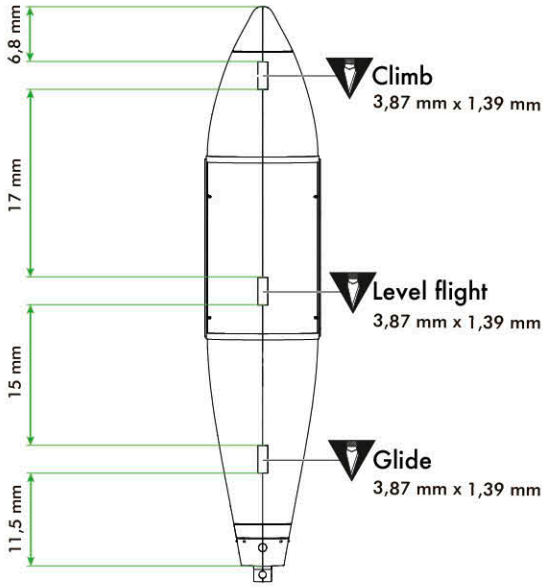
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Aircraft Stand



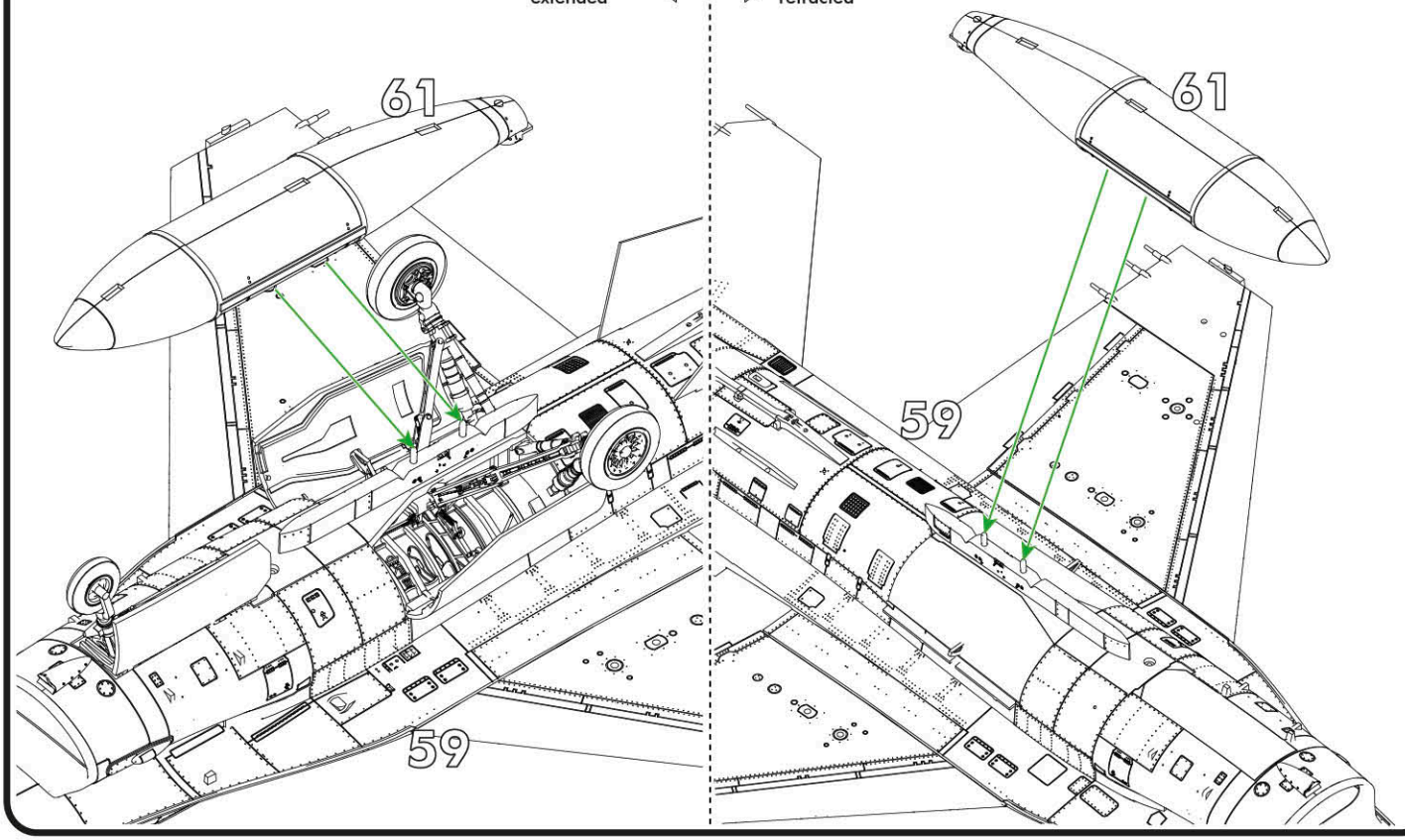
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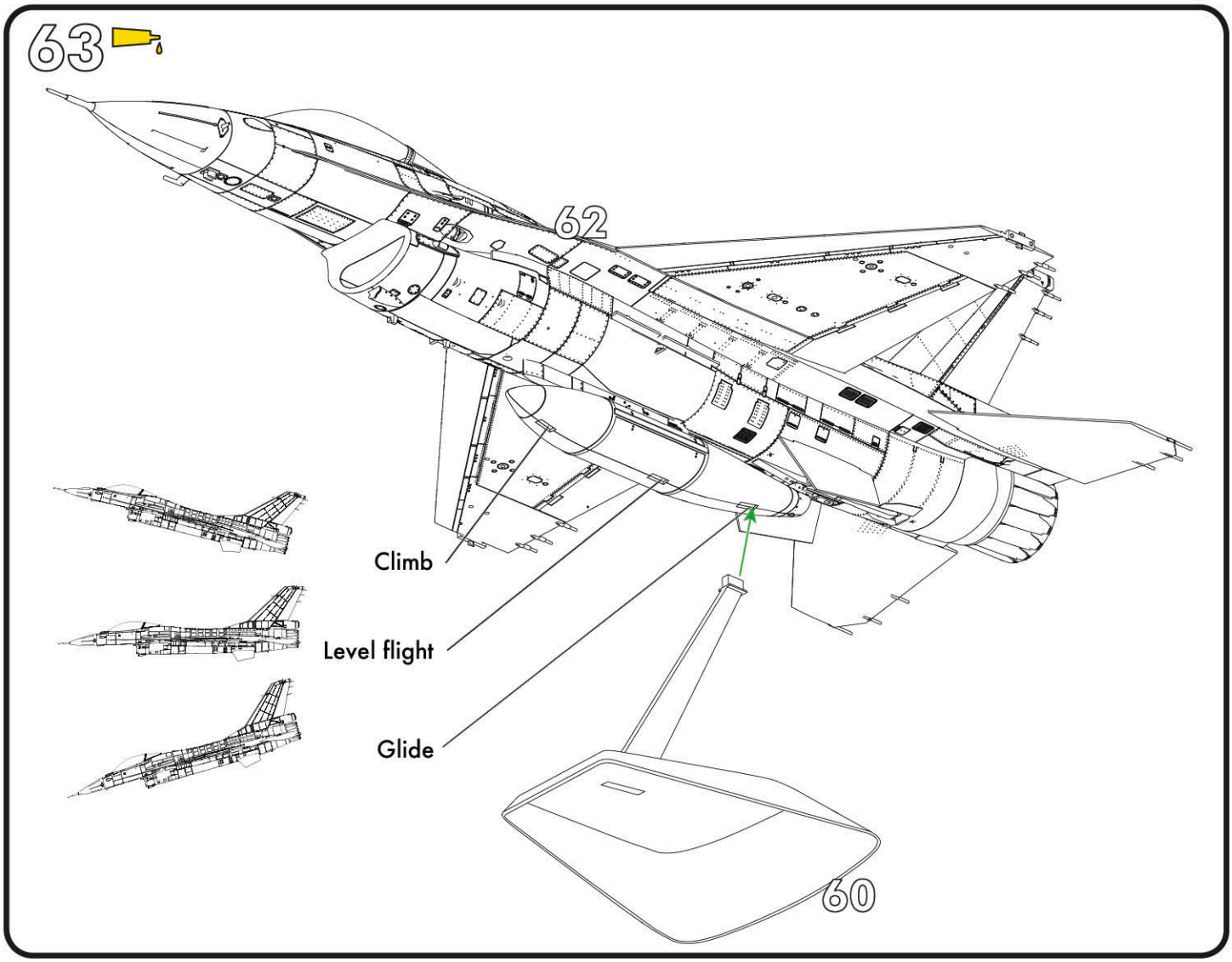


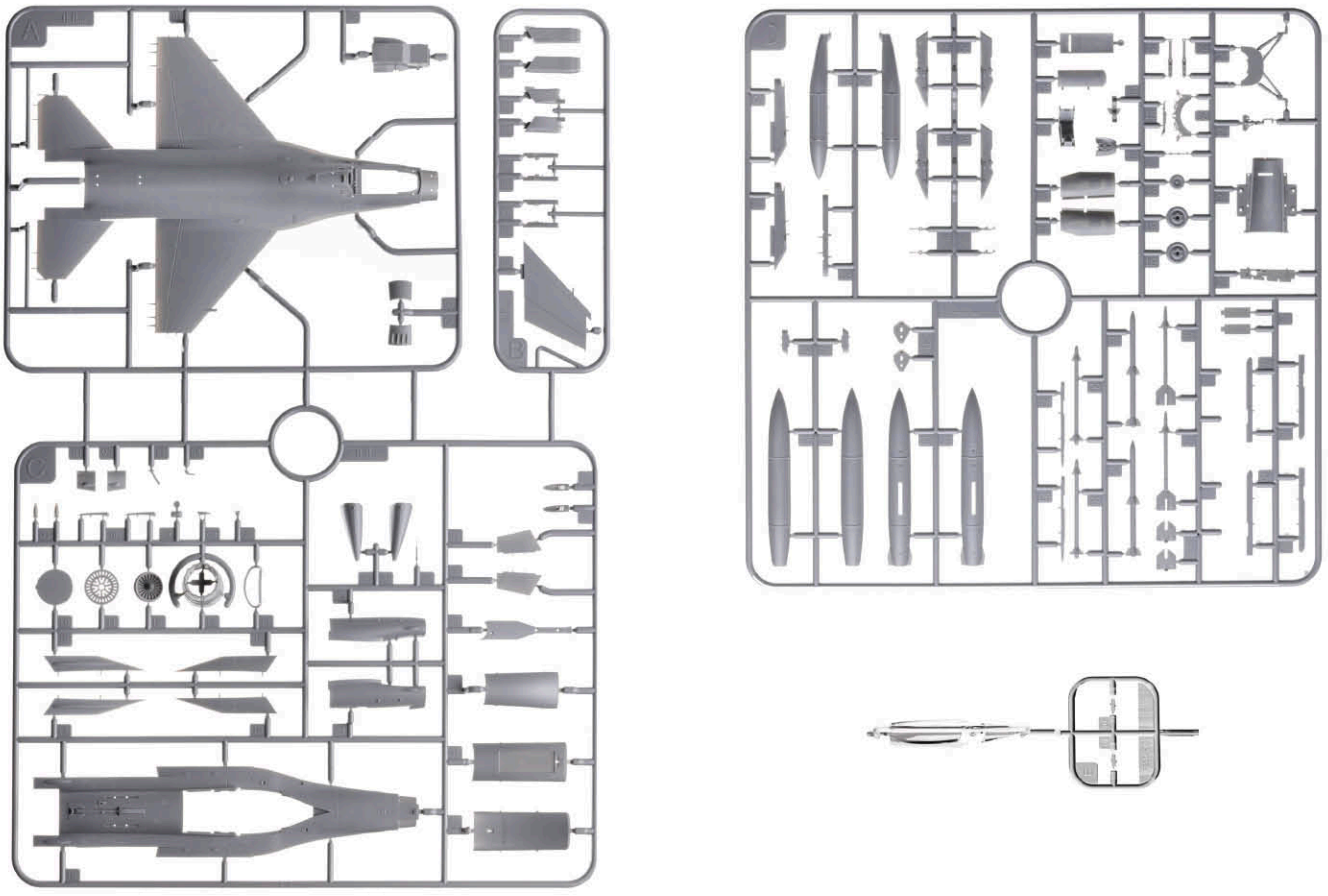


62

landing gear extended ? landing gear retracted




63
62
Climb
Level flight
Glide
60



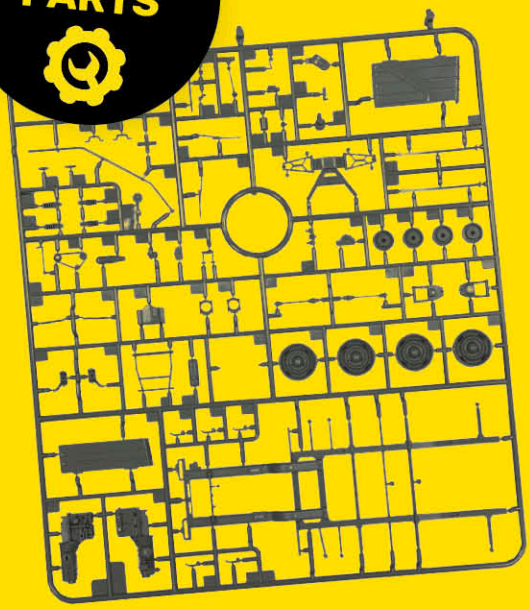
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