Heller

F-16A (MLU) - UKRAINE

82307



Français

En août 2023, le gouvernement américain a approuvé un programme d'aide militaire visant à fournir des avions F-16 à l'armée de l'air ukrainienne. La guerre qui oppose l'Ukraine à la Russie, et qui a débuté avec l'invasion russe en février 2022, s'est transformée en un conflit long et intense. Les forces armées ukrainiennes ont démontré leur résilience en défendant leur patrie, avec le soutien et l'aide militaire de l'OTAN. Le premier F-16A MLU est arrivé en Ukraine environ un an après avoir obtenu l'accord des États-Unis. Parmi ceux-ci figuraient deux anciens avions danois, qui devaient être suivis par d'anciens avions néerlandais. Au moins deux F-16 ADF sont utilisés comme avions d'entraînement pour le personnel au sol et ne sont pas en état de voler. Les marquages se réfèrent aux jets ukrainiens arrivés début août 2024.

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

In August 2023, the U.S. government approved a military assistance program to supply the Ukrainian Air Force with F-16 aircraft. The war between Ukraine and Russia, which began with the Russian invasion in February 2022, has become a prolonged and intense conflict. Ukraine Forces have demonstrated resilience in defending their homeland, aided by NATO military assistance. About a year after the U.S. agreement, the first F-16A MLU arrived in Ukraine. These include two ex-Danish aircraft, to be followed by ex-Dutch jets. At least two F-16 ADFs are being used as ground crew trainers and are not flyable. The markings are for the Ukrainian Jets that arrived in early August 2024.

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

Im August 2023 genehmigte die US-Regierung ein Militärhilfeprogramm zur Belieferung der ukrainischen Luftwaffe mit F-16 Flugzeugen. Der Krieg zwischen der Ukraine und Russland, der mit dem Einmarsch Russlands im Februar 2022 begann, hat sich zu einem langwierigen und intensiven Konflikt entwickelt. Die ukrainischen Streitkräfte haben bei der Verteidigung ihres Heimatlandes Widerstandsfähigkeit bewiesen, unterstützt durch die militärische Hilfe der NATO. Etwa ein Jahr nach der Zustimmung der USA traf die erste F-16A MLU in der Ukraine ein. Darunter befanden sich zwei ehemalige dänische Flugzeuge, denen ehemalige niederländische Jets folgen sollten. Mindestens zwei F-16 ADF werden als Trainingsflugzeuge für das Bodenpersonal eingesetzt und sind nicht flugtauglich. Die Kennzeichnungen beziehen sich auf die ukrainischen Jets, die Anfang August 2024 eintrafen.

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

En agosto de 2023, el Gobierno de Estados Unidos aprobó un programa de ayuda militar para suministrar aviones F-16 a la Fuerza Aérea de Ucrania. La guerra entre Ucrania y Rusia, que comenzó con la invasión rusa en febrero de 2022, se ha convertido en un conflicto prolongado e intenso. Las fuerzas armadas ucranianas han demostrado su resiliencia en la defensa de su patria, respaldadas por la ayuda militar de la OTAN. Aproximadamente un año después de que EE. UU. diera el visto bueno, llegó a Ucrania el primer F-16A MLU. Entre ellos había dos antiguos aviones daneses, a los que seguirían antiguos aviones de reacción neerlandeses. Al menos dos F-16 ADF se utilizan como aviones de entrenamiento para el personal de tierra y no son aptos para el vuelo. Las marcas hacen referencia a los cazas ucranianos que llegaron a principios de agosto de 2024.

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

Nell'agosto 2023, il governo statunitense ha approvato un programma di aiuti militari per la fornitura di aerei F-16 all'aeronautica militare ucraina. La guerra tra Ucraina e Russia, iniziata con l'invasione russa nel febbraio 2022, si è trasformata in un conflitto lungo e intenso. Le forze armate ucraine hanno dato prova di resilienza nella difesa del proprio Paese, sostenute dagli aiuti militari della NATO. Circa un anno dopo l'approvazione degli Stati Uniti, il primo gruppo di F-16A è arrivato in Ucraina. La fornitura comprendeva due ex velivoli danesi, ai quali sarebbero seguiti alcuni jet provenienti dai Paesi Bassi. Almeno due F-16 ADF vengono utilizzati come velivoli da addestramento per il personale di terra e non sono idonei al volo. Le marcature si riferiscono ai jet ucraini arrivati all'inizio di agosto 2024.

Nederlands

In augustus 2023 keurde de Amerikaanse regering een militair hulpprogramma goed om de Oekraïense luchtmacht te voorzien van F-16-vliegtuigen. De oorlog tussen Oekraïne en Rusland, die begon met de Russische invasie in februari 2022, is uitgegroeid tot een langdurig en intens conflict. De Oekraïense strijdkrachten hebben blijk gegeven van veerkracht bij de verdediging van hun thuisland, ondersteund door de militaire hulp van de NAVO. Ongeveer een jaar na de goedkeuring van de VS arriveerde de eerste F-16A MLU in Oekraïne. Daaronder bevonden zich twee voormalige Deense vliegtuigen, die gevolgd zouden worden door voormalige Nederlandse straaljagers. Er worden minstens twee F-16 ADF's ingezet als trainingsvliegtuigen voor het grondpersoneel en ze zijn niet geschikt om mee te vliegen. De markeringen hebben betrekking op de Oekraïense jets die begin augustus 2024 zijn aangekomen.

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

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

1/72 F-16A (MLU) - UKRAINE 82307

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 19 - 20 pour le détail du schéma de peinture.
- When no color is specified, paint the item with colors of chosen version. Refer to pages 19 - 20 for painting pattern.
- Wenn keine Farbe angegeben ist, Teile mit den Farben der gewählten Version bemalen. Beachten Sie die Seiten 19 - 20 für die Lackierung und Markierung.
- Cuando ningún color es especificado, pintarle con los colores del tema de la versión elegida. Vea las páginas 19 - 20 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.

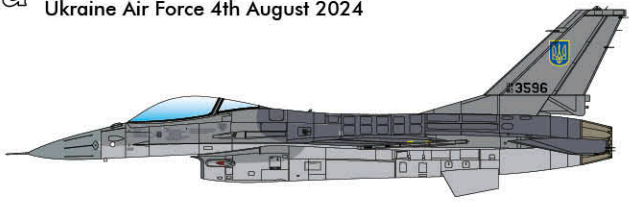
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56 Référence de couleur / Colour reference no / Farbangabe / Referencia de color

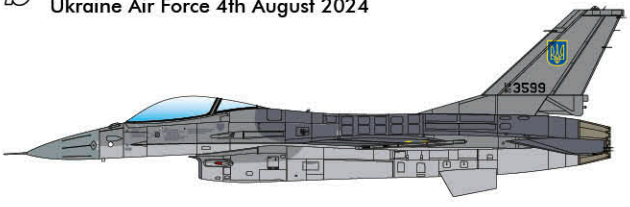
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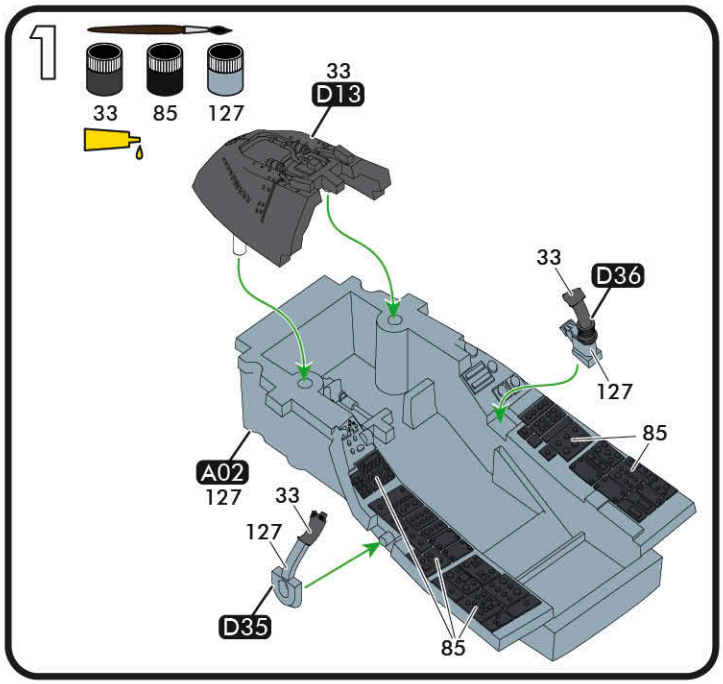
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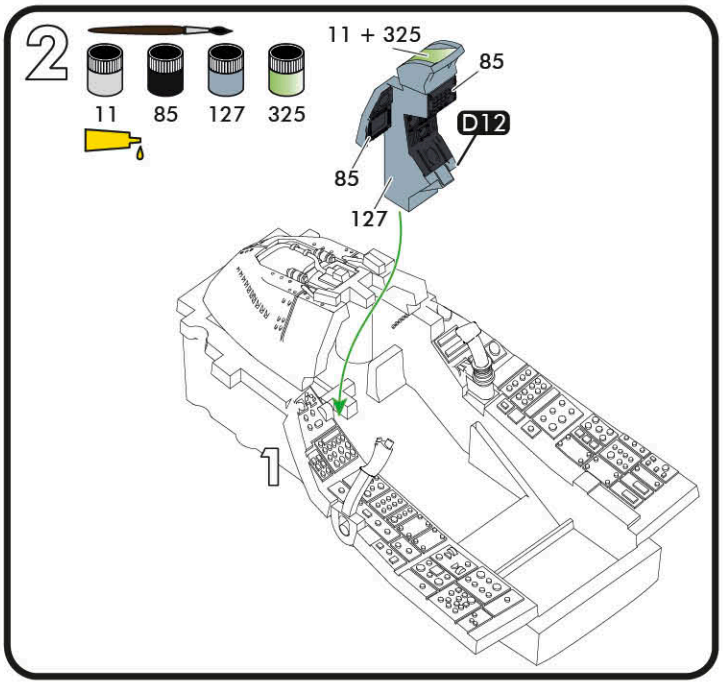
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Ukraine Air Force 4th August 2024

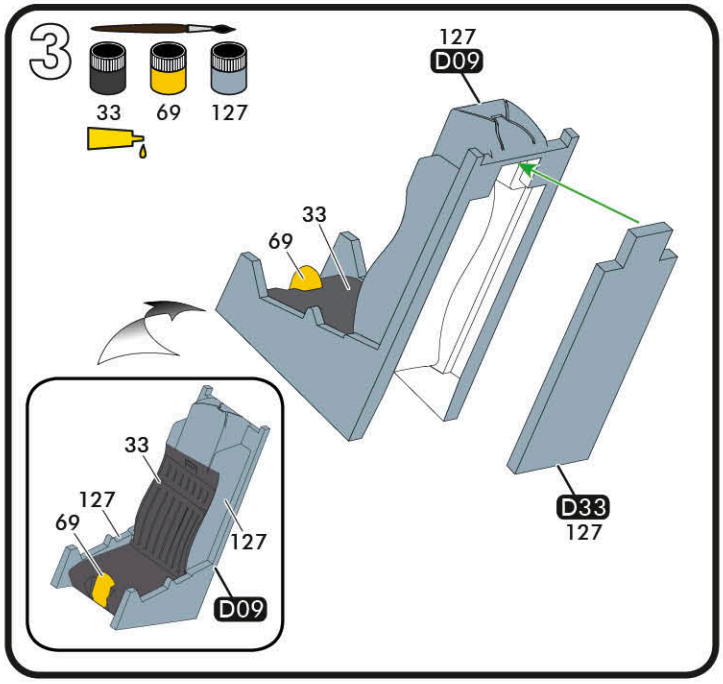


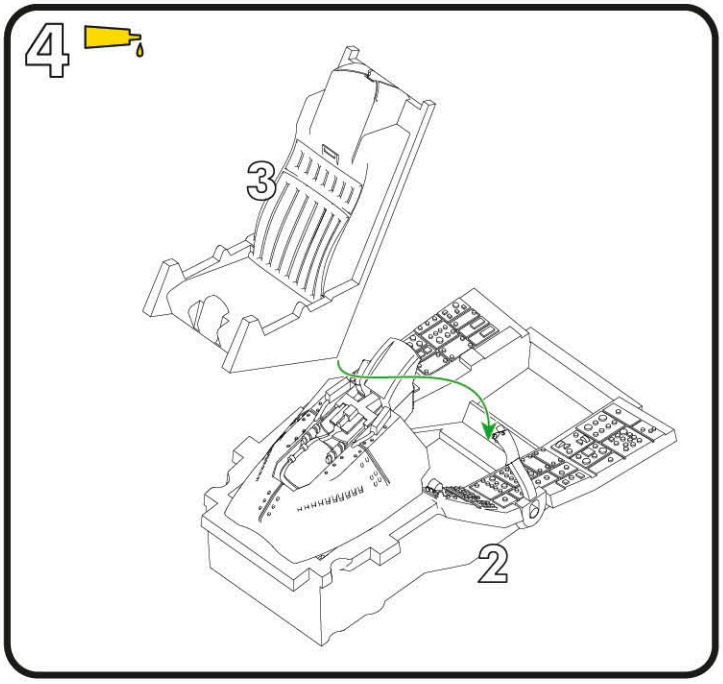
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Ukraine Air Force 4th August 2024

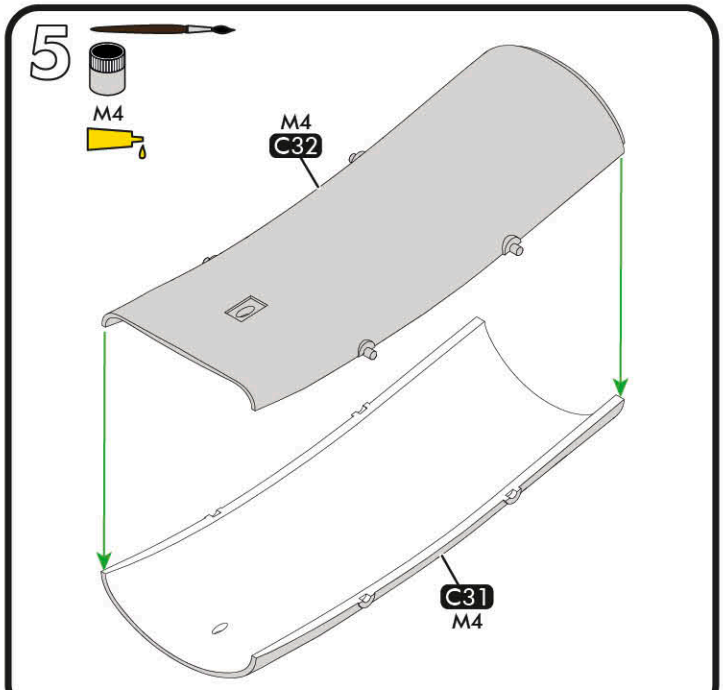


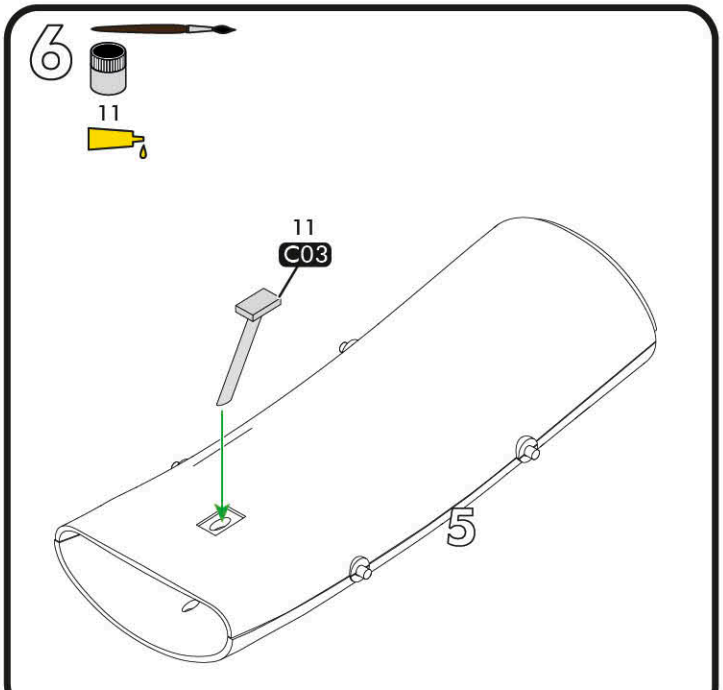

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D36
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A02
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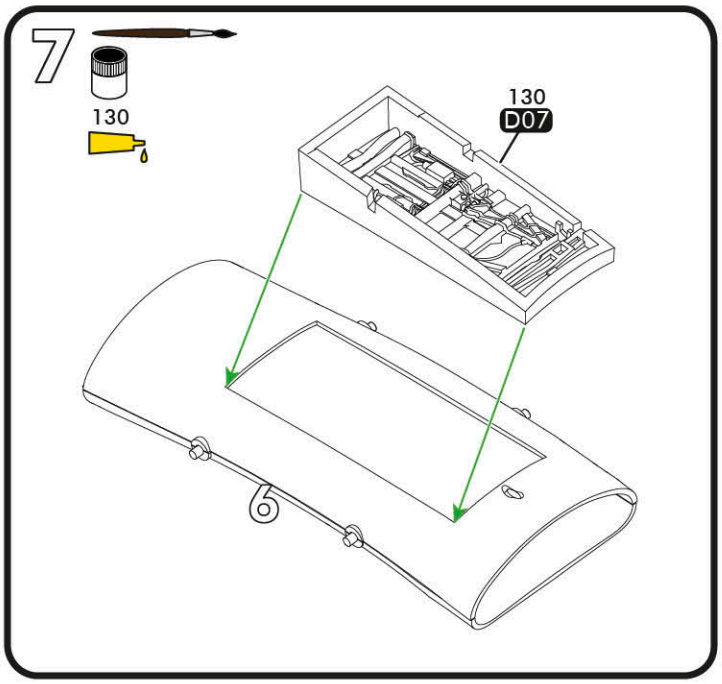

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11 + 325
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D12
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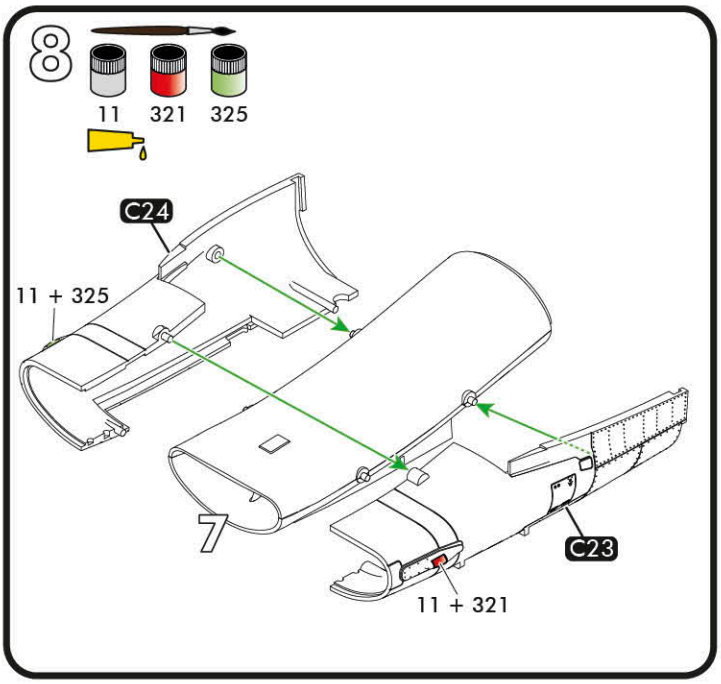

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D09

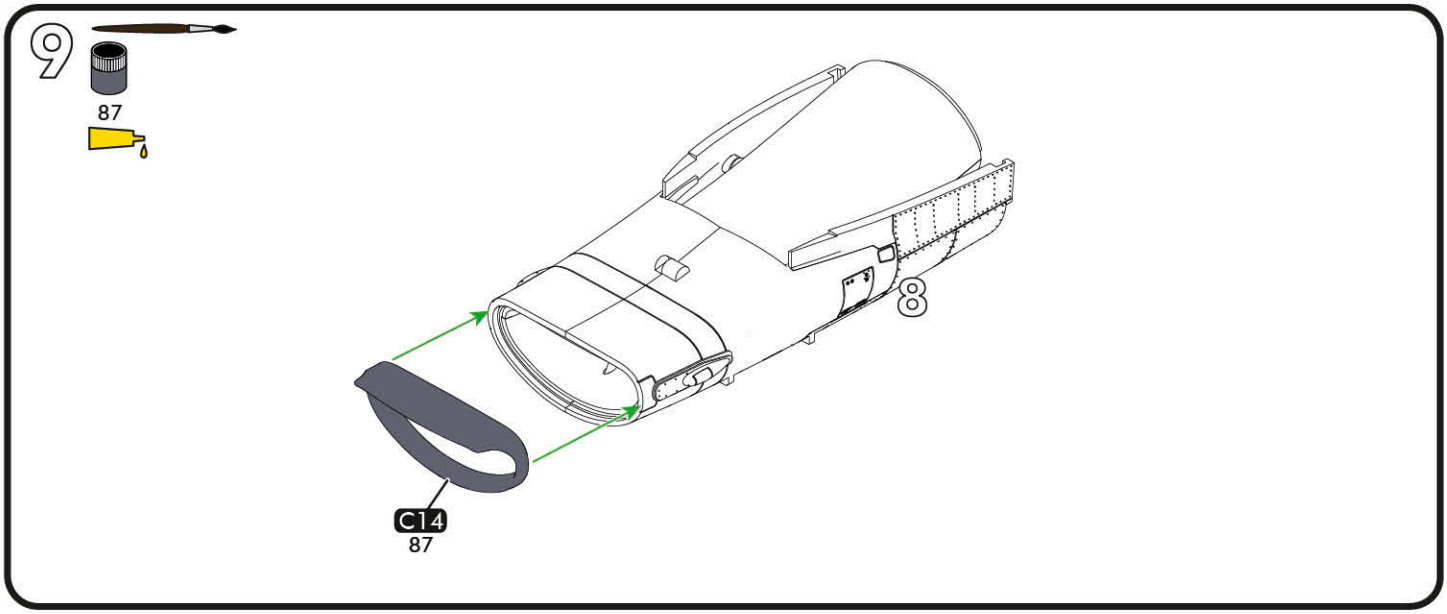

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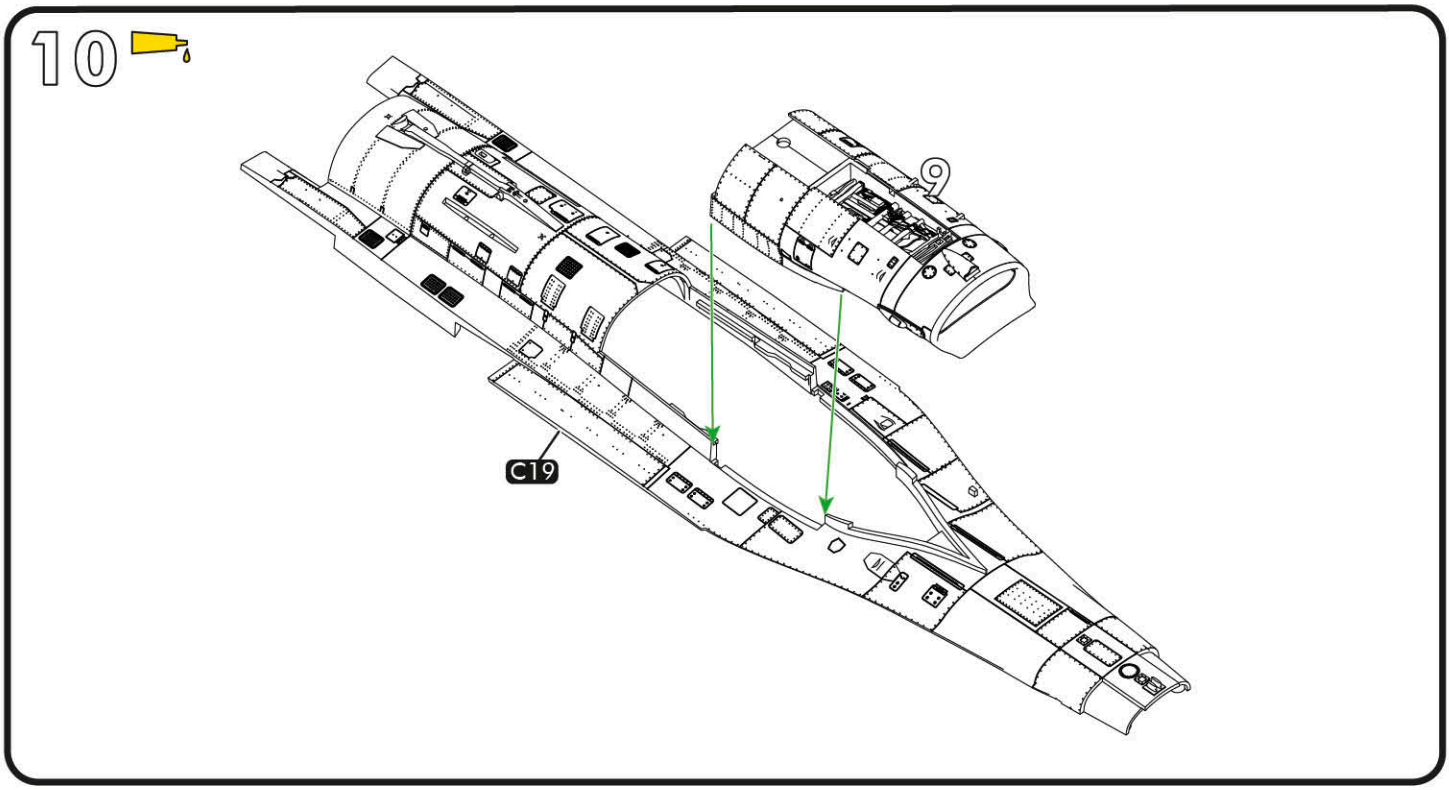

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M4
M4
C32
C31
M4

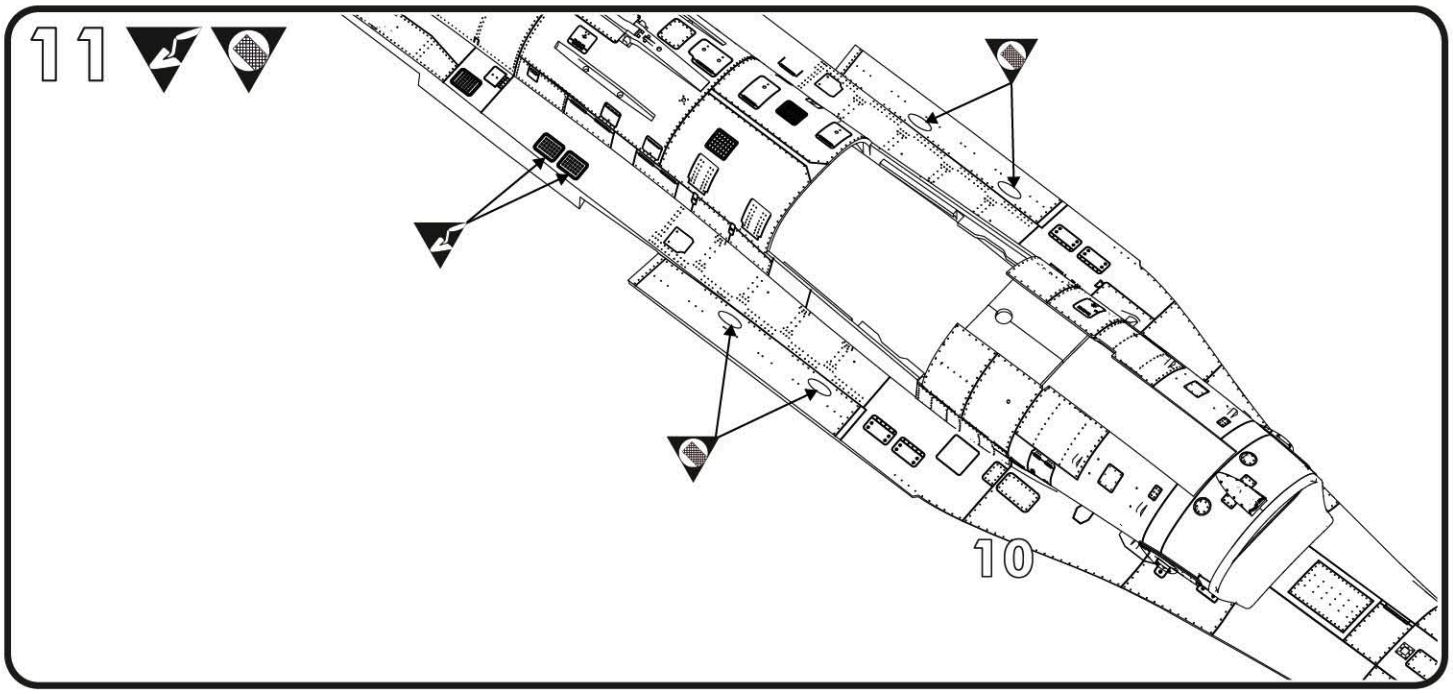

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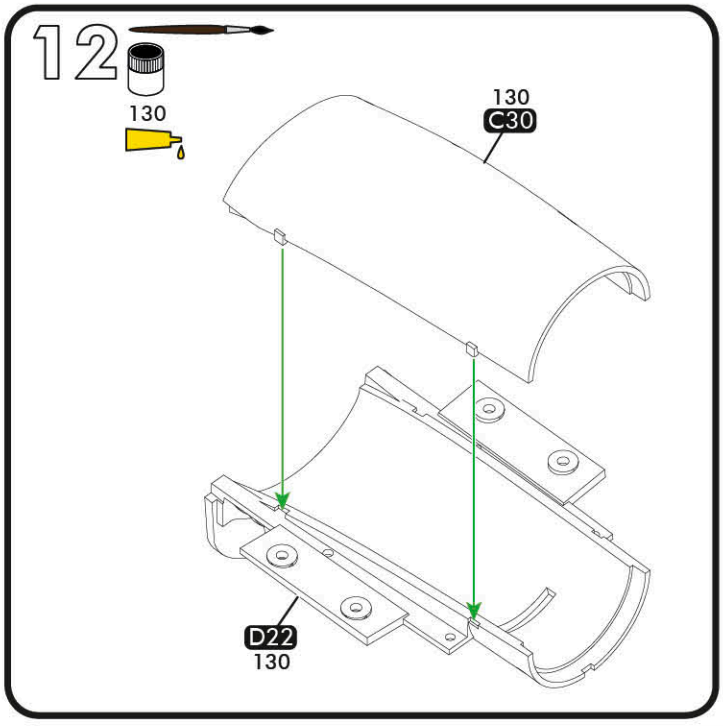

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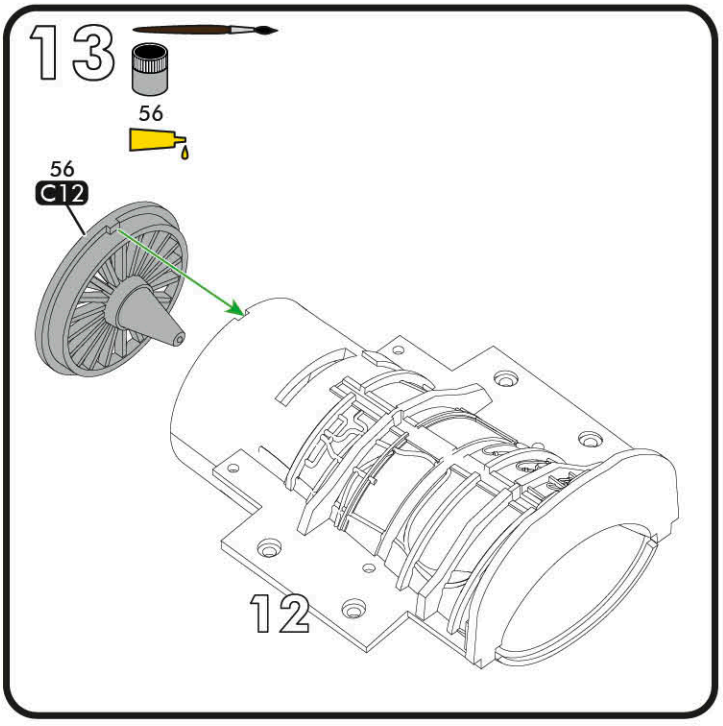

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C24
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7
C23
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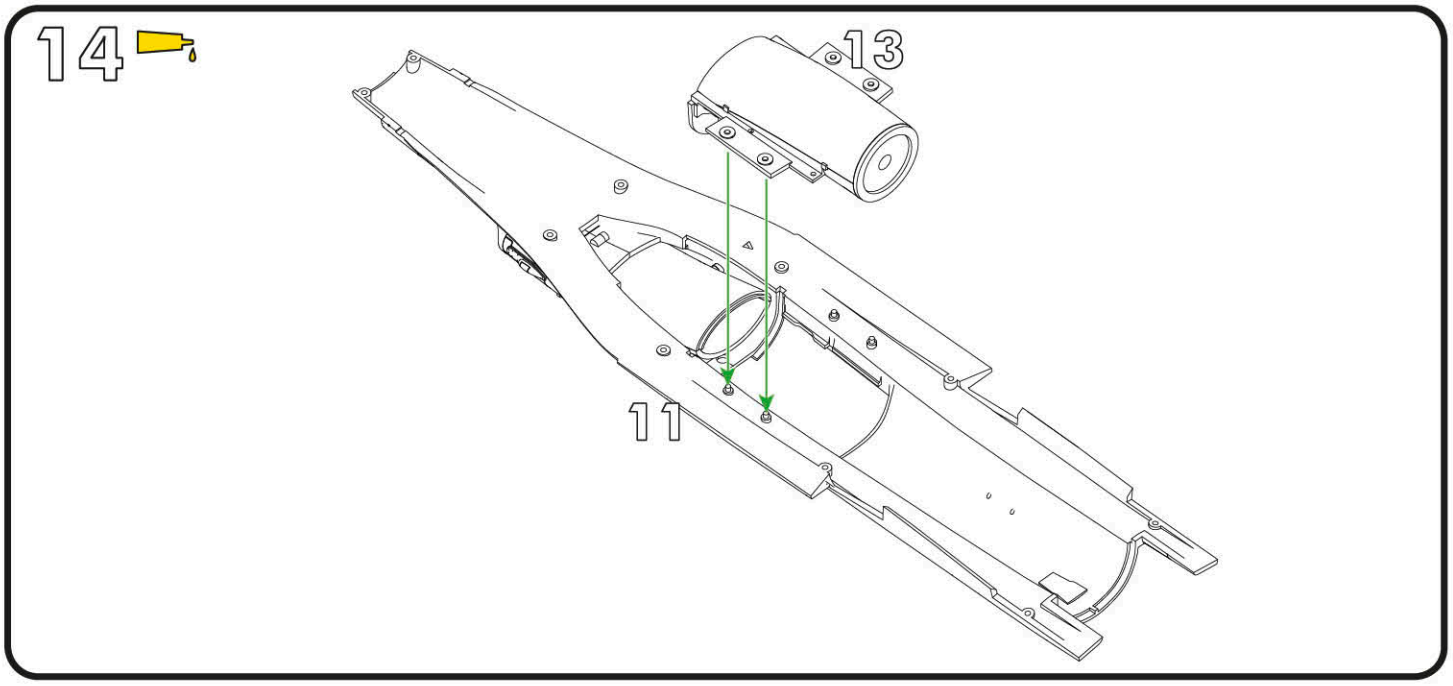

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C14
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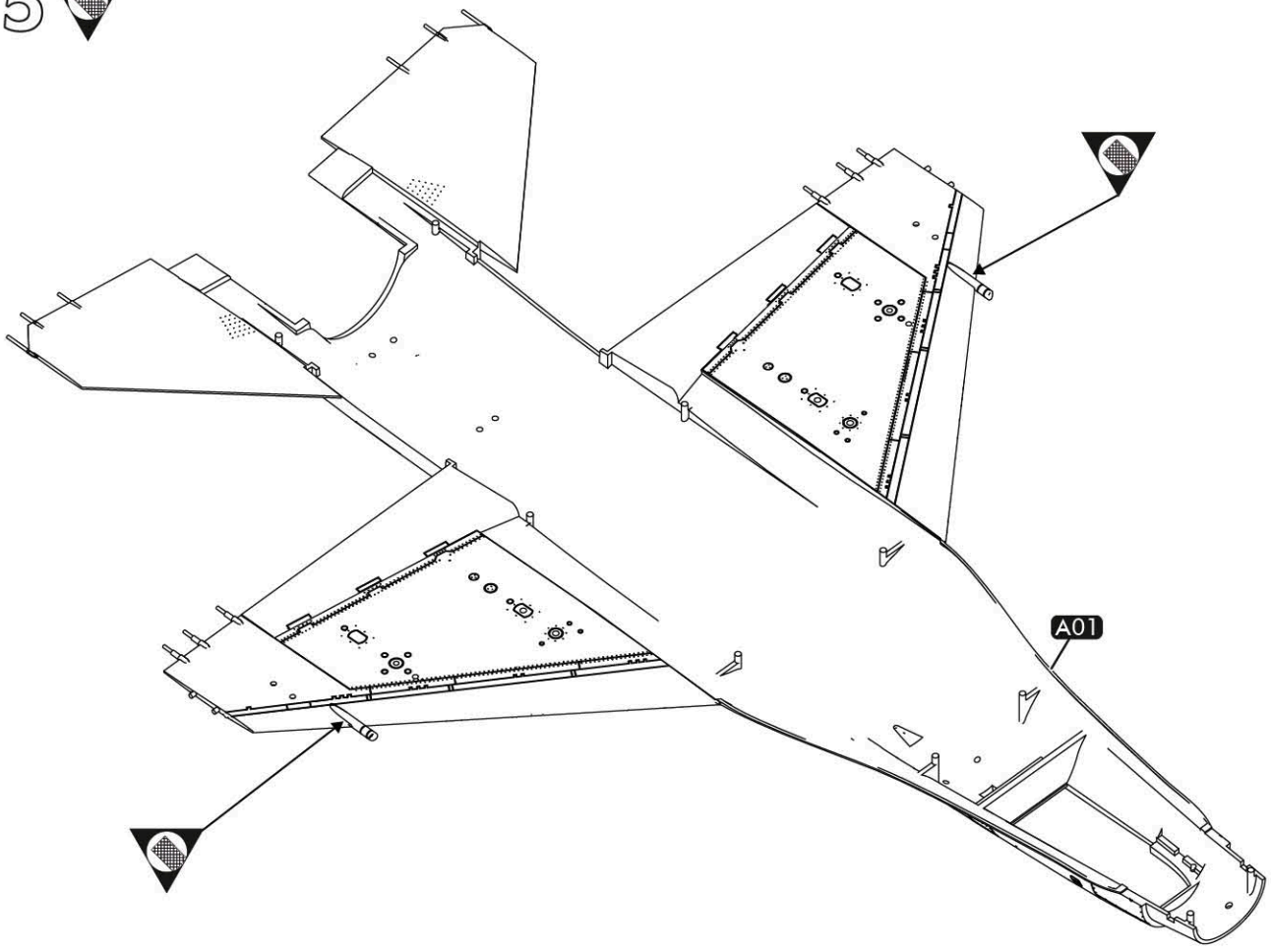

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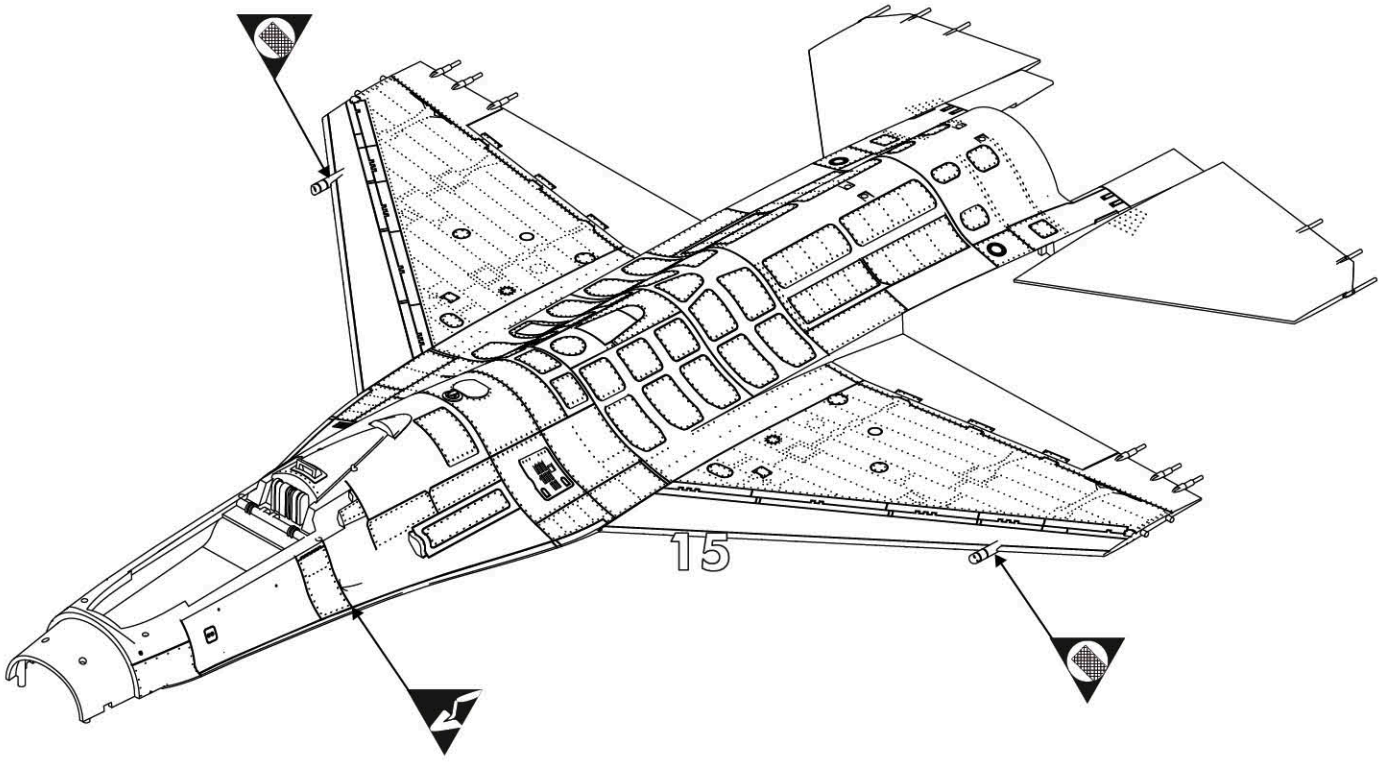

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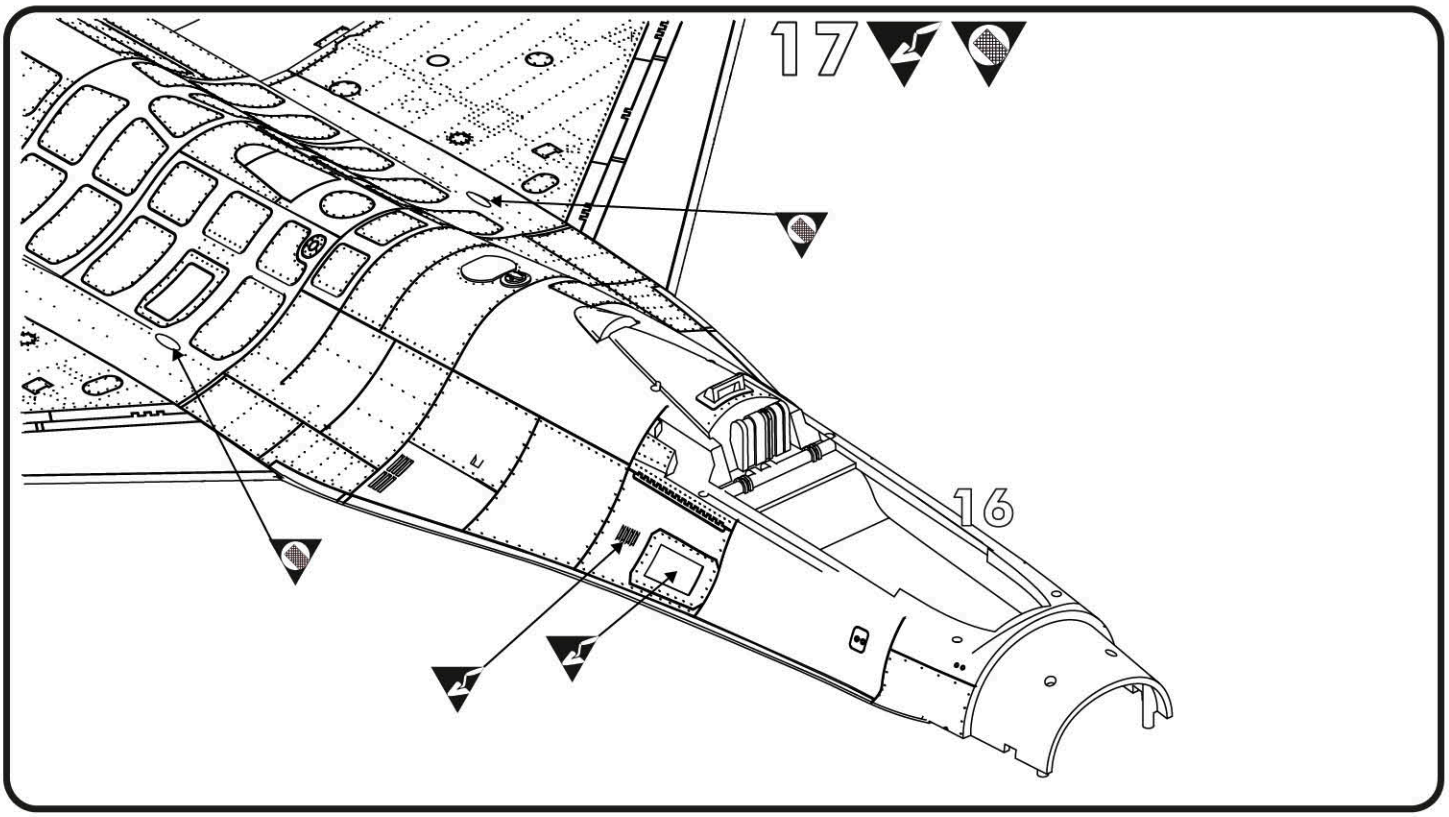

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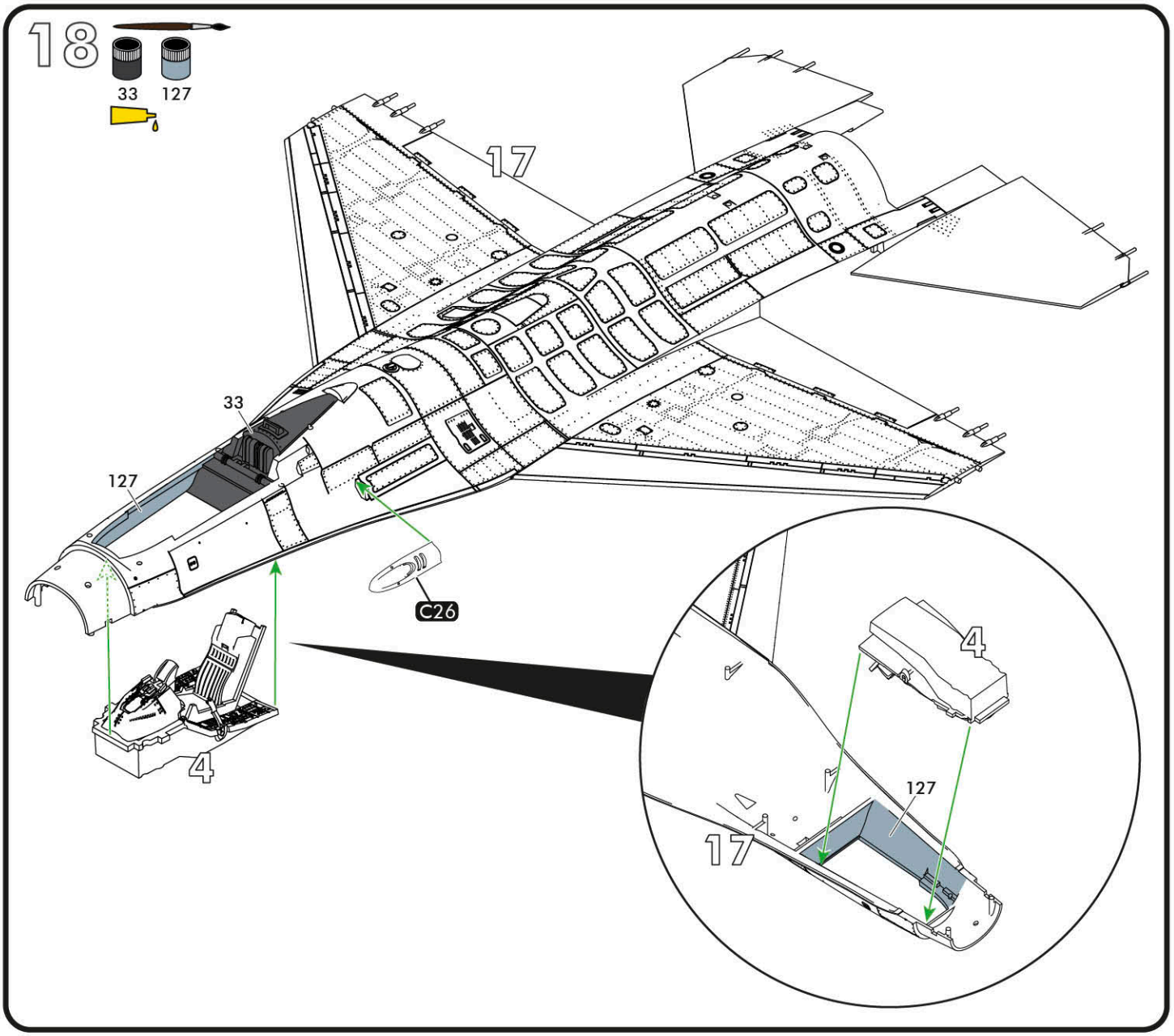
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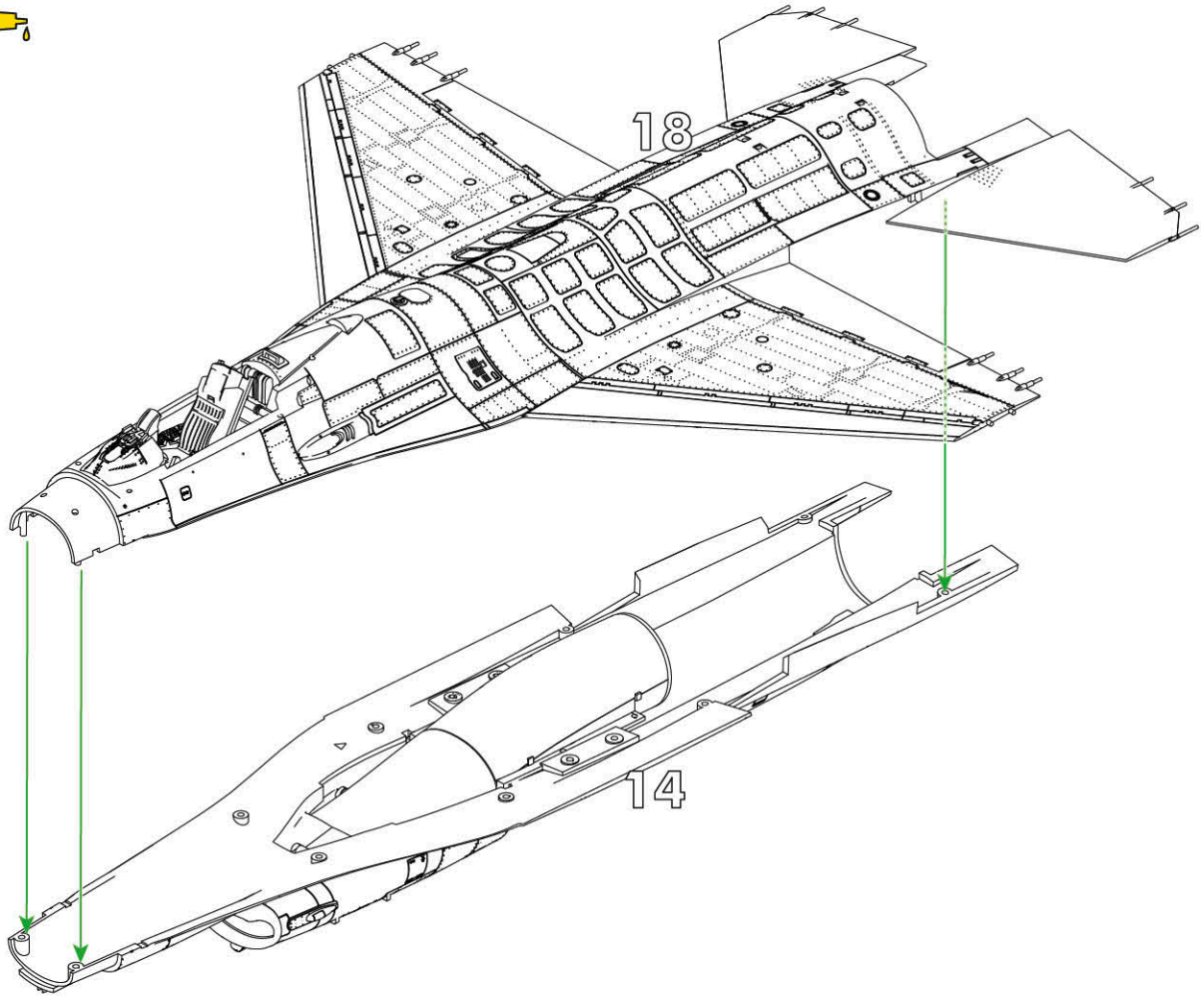
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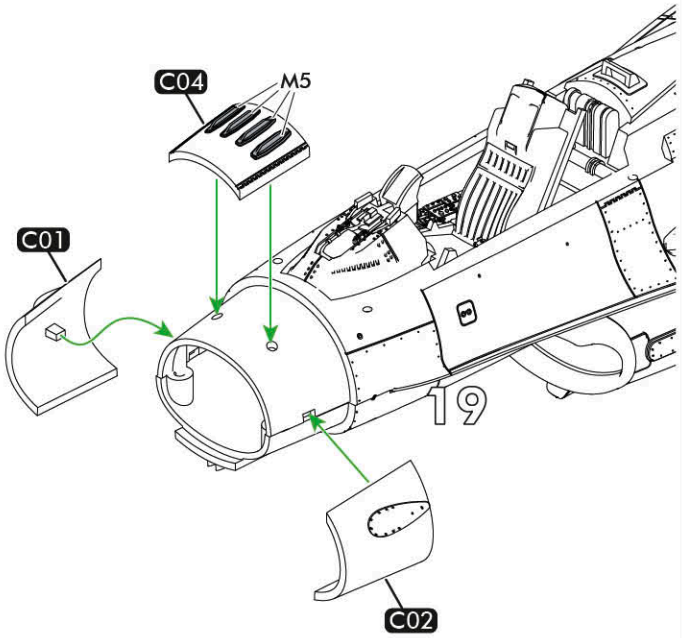

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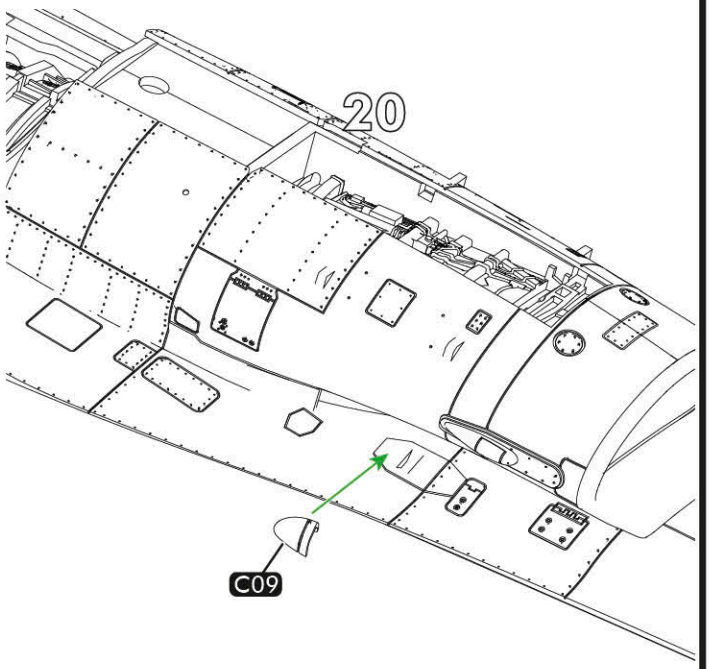


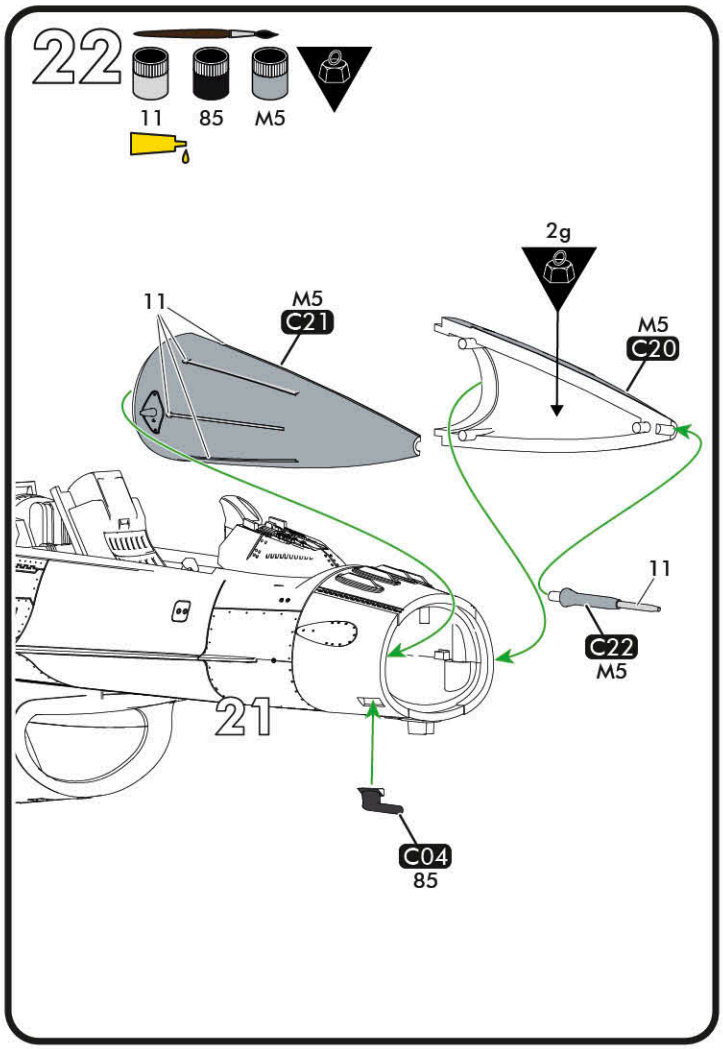
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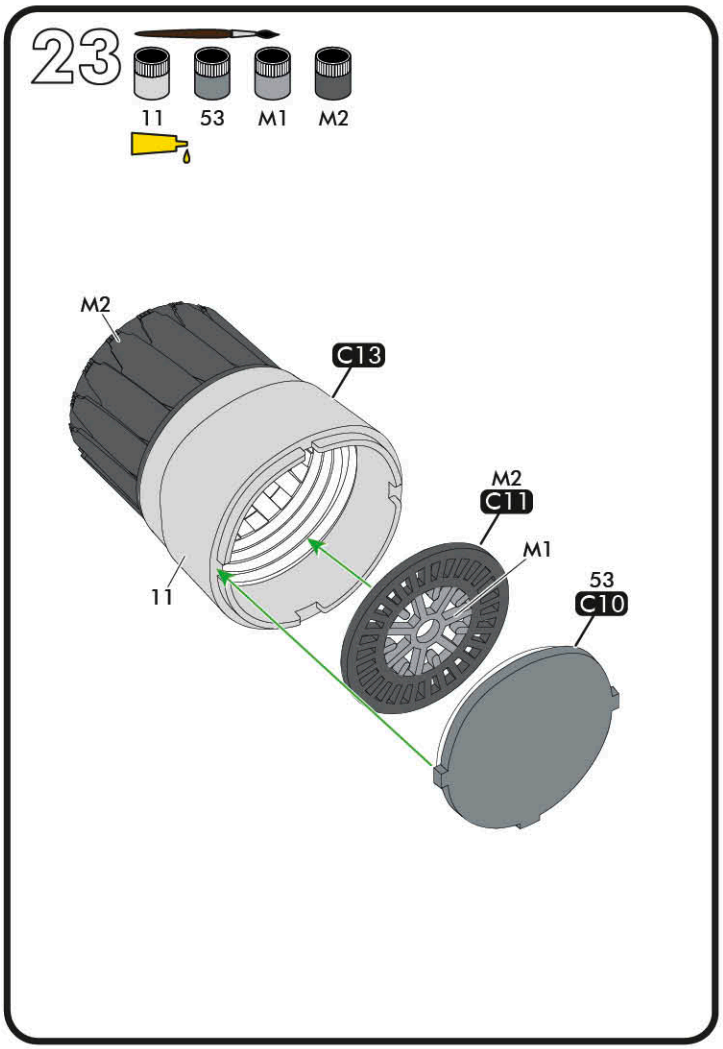
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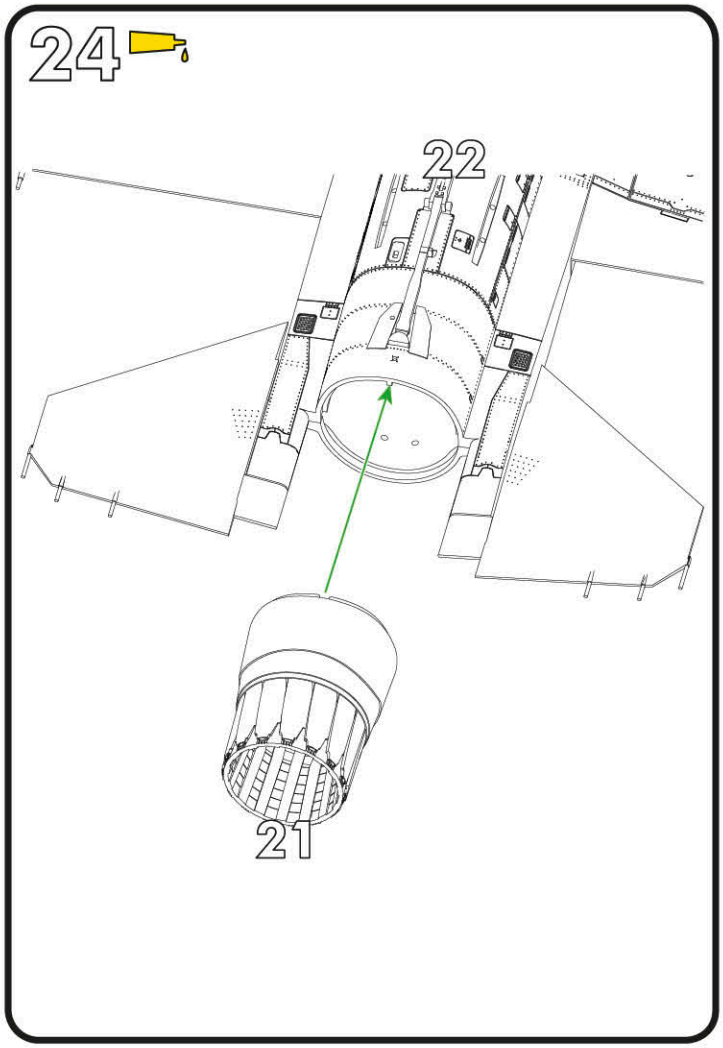


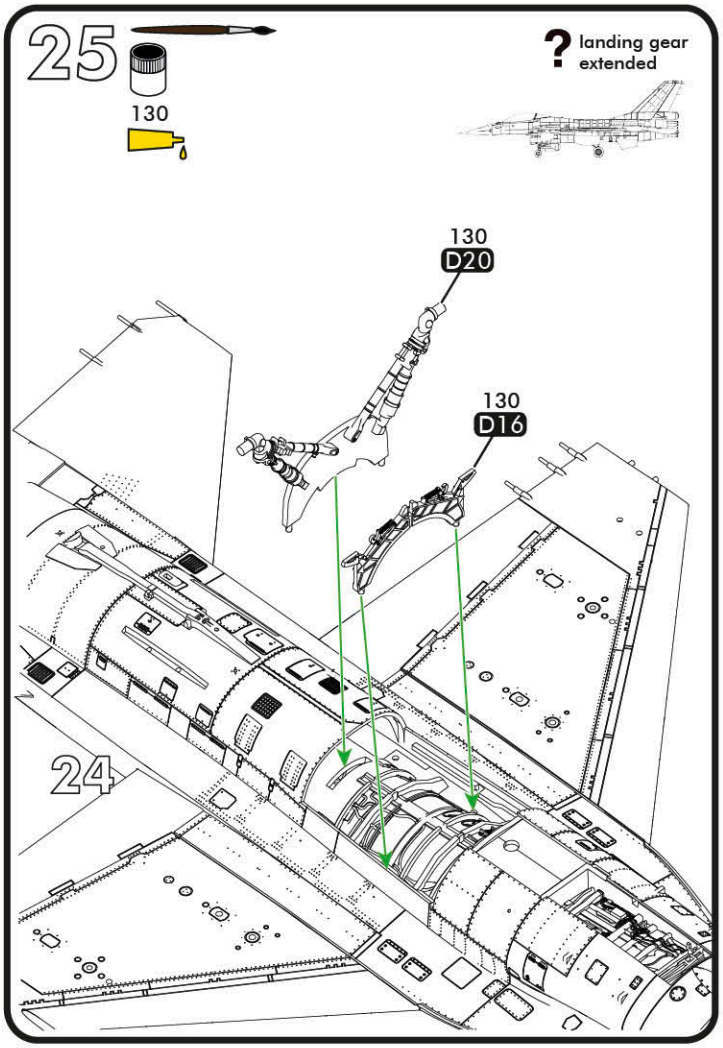
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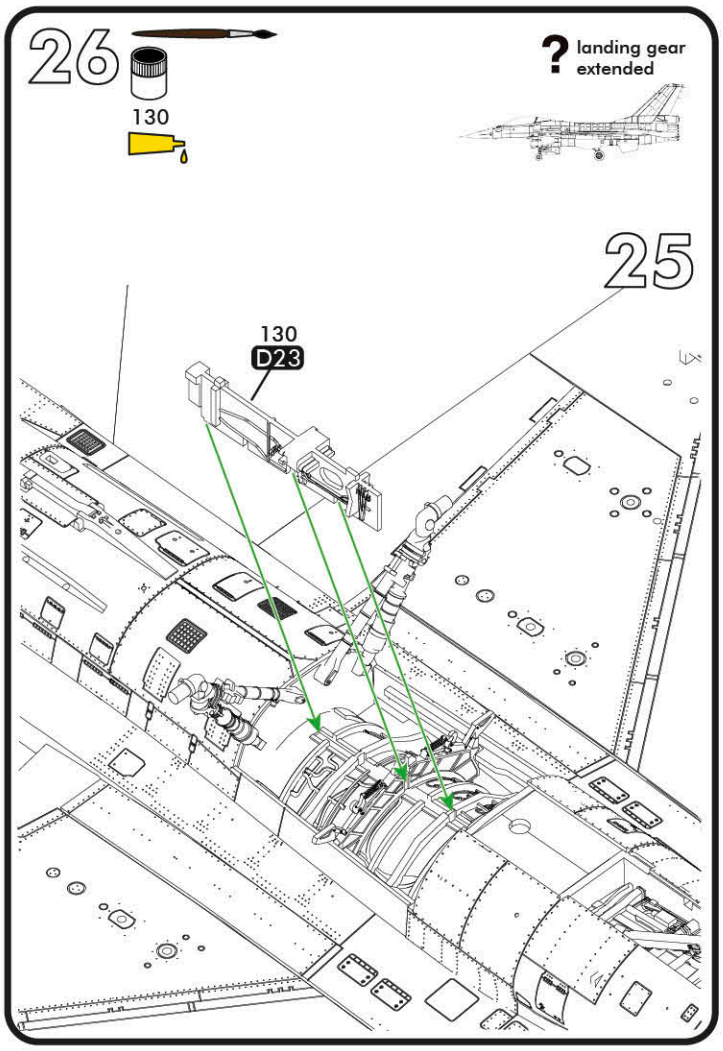


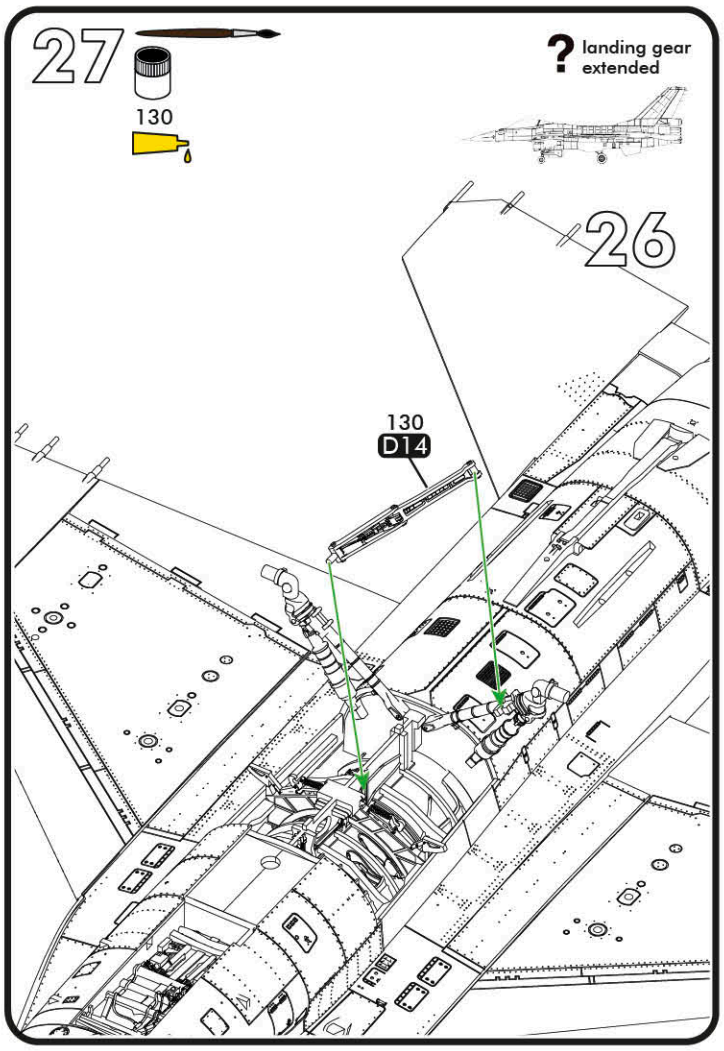

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M5
C21
M5
C20
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C22
M5
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C04
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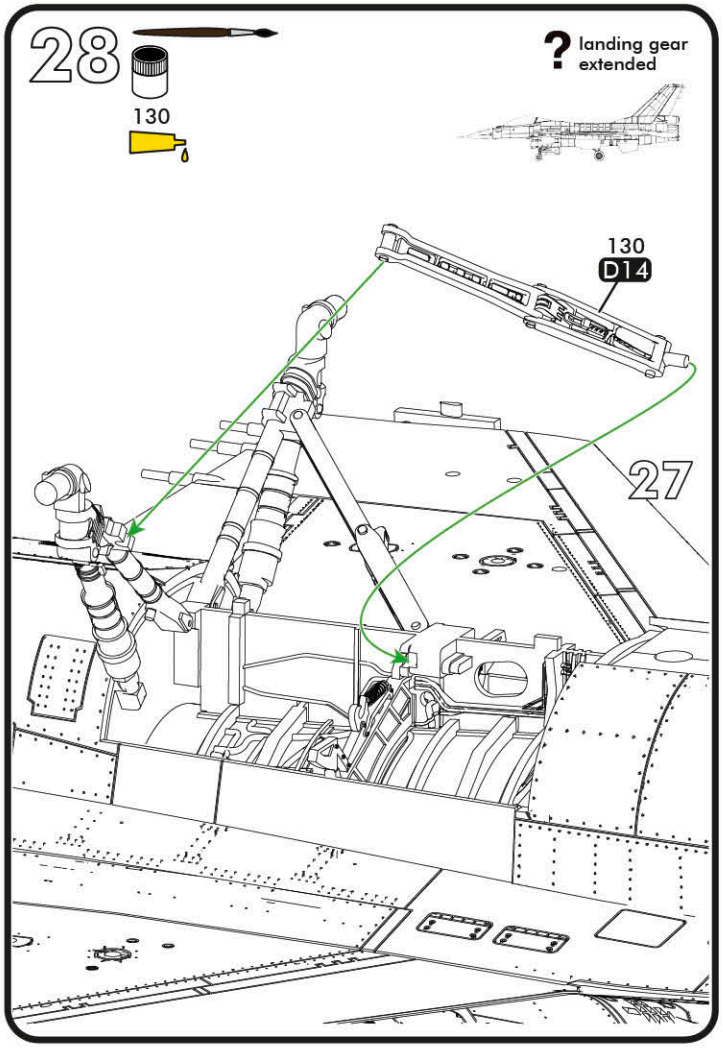

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M1
M2
M2
C13
M2
C11
M1
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C10
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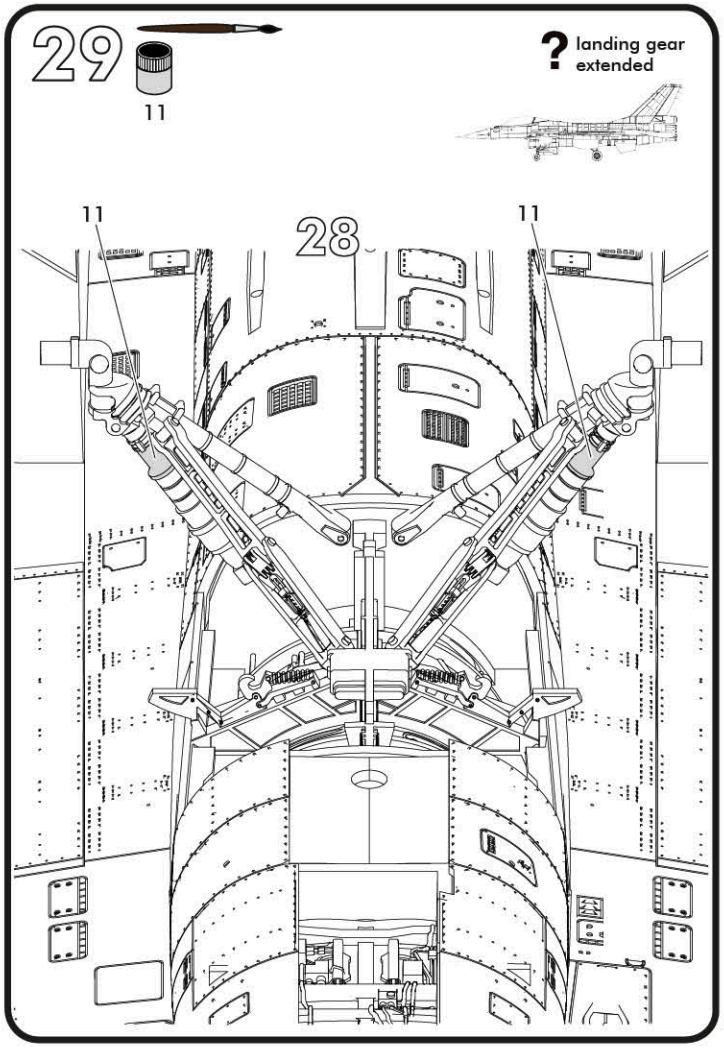

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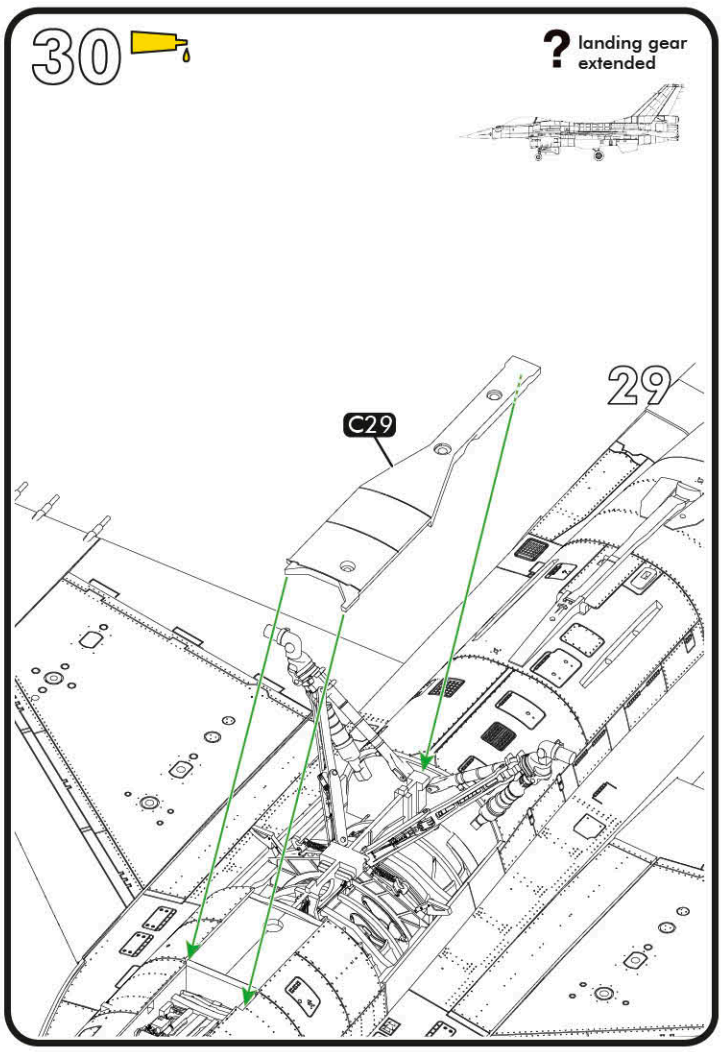

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? landing gear extended
130
D20
130
D16
24

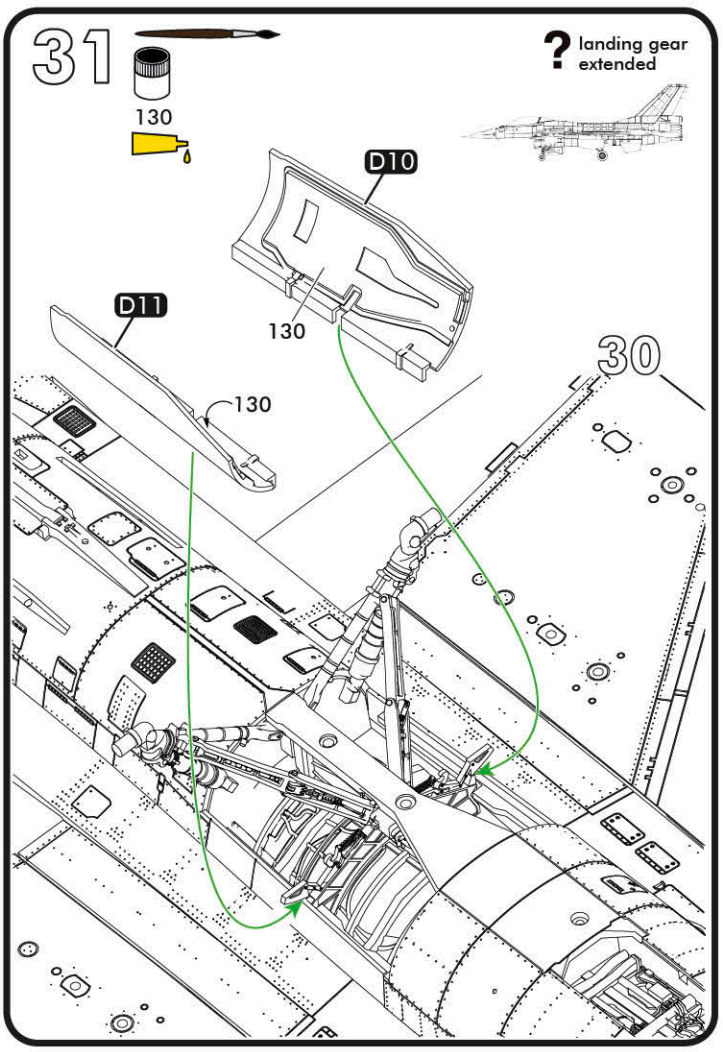

26
130
landing gear extended
25
130
D23

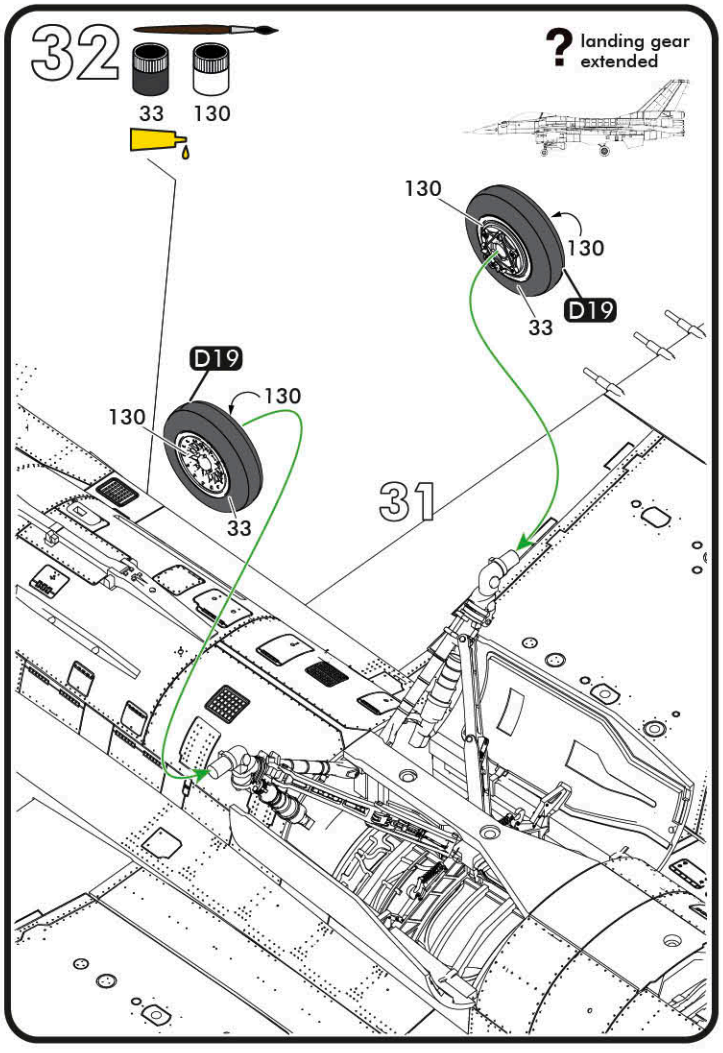

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130
landing gear extended
26
130
D14

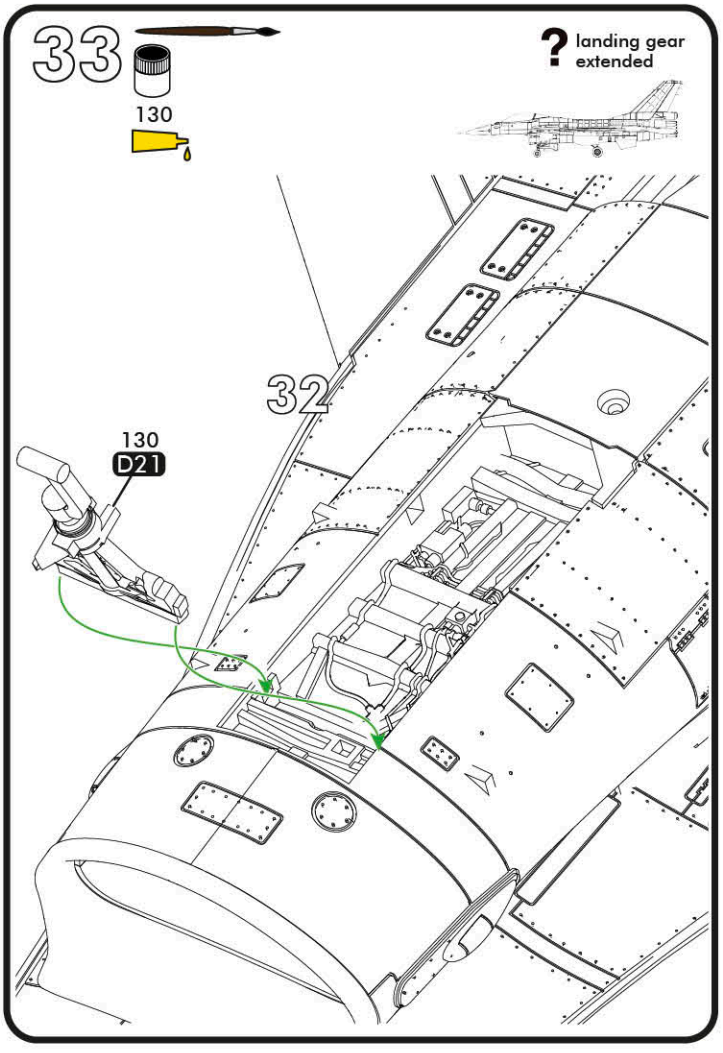

28
130
landing gear extended
130
D14
27

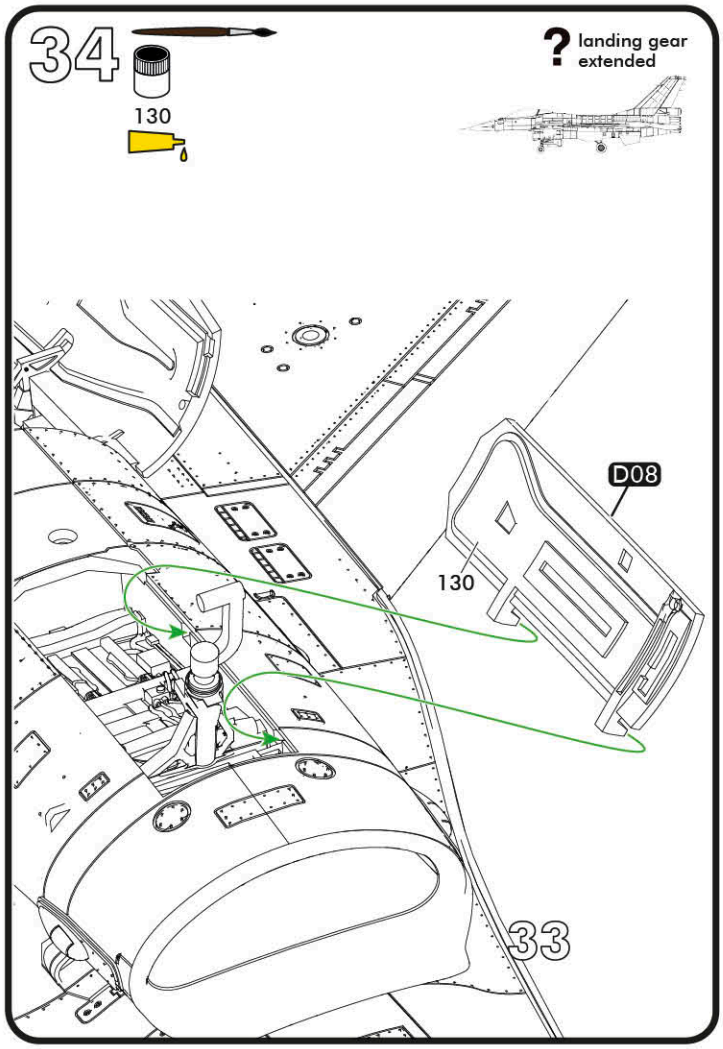

29
11
landing gear extended
11
28
11

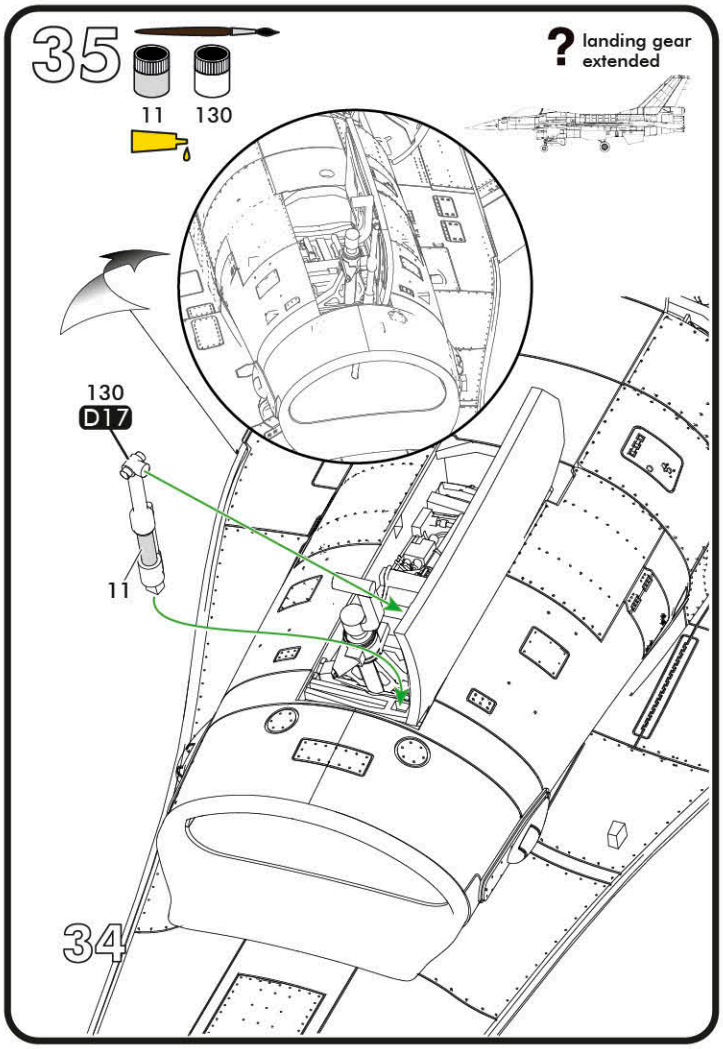

30
? landing gear extended
C29
29

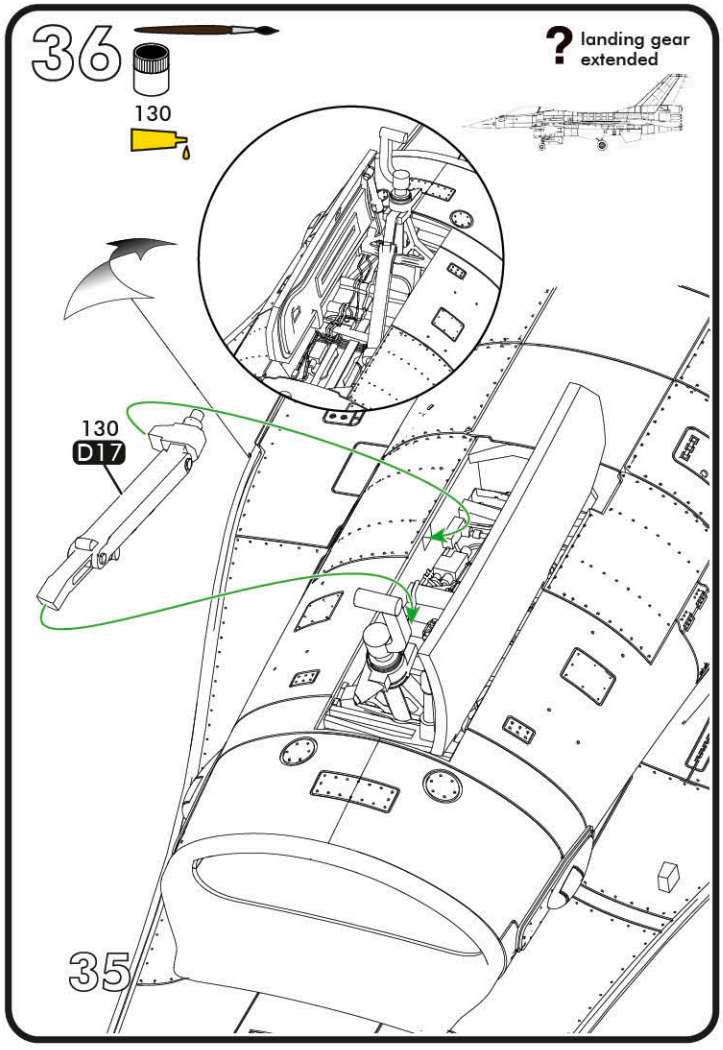

31
130
? landing gear extended
D10
D11
130
130
30

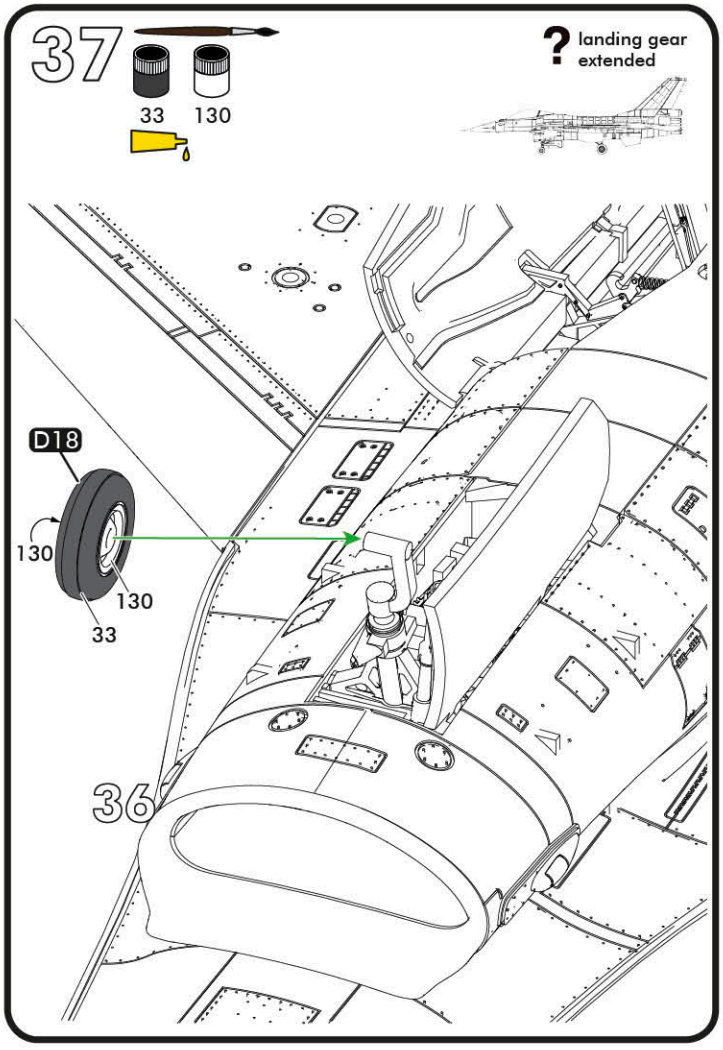

32
33
130
? landing gear extended
130
130
D19
33
D19
130
130
33
31

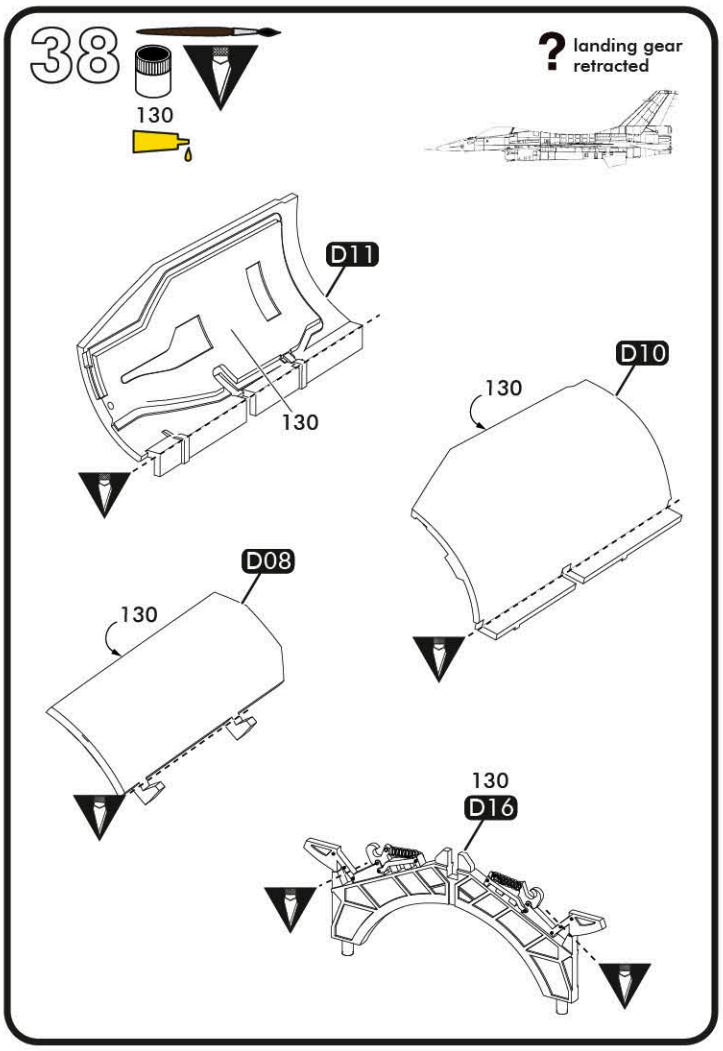

33
130
? landing gear extended
32
130
D21

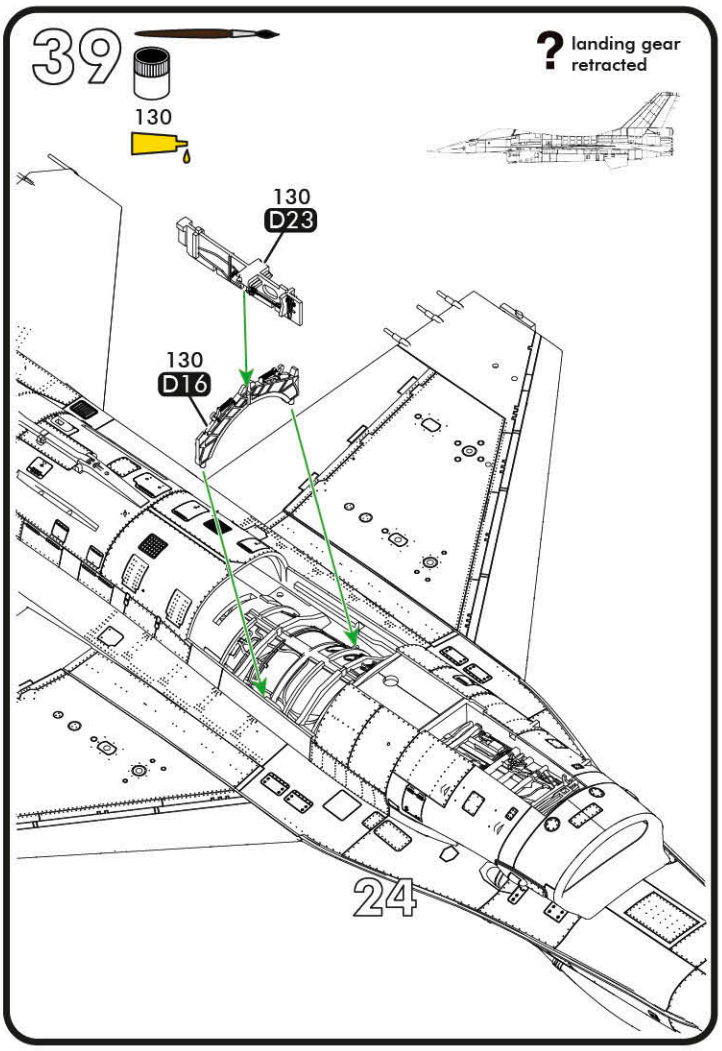

34
130
? landing gear extended
D08
130
33

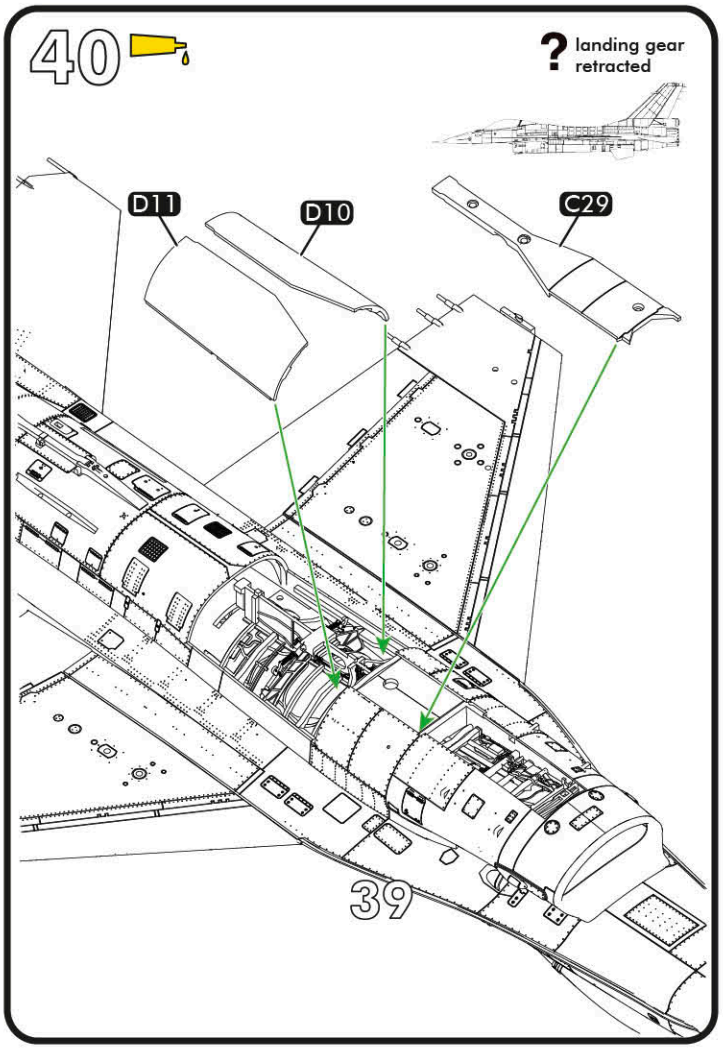

35
11
130
? landing gear extended
130
D17
11
34

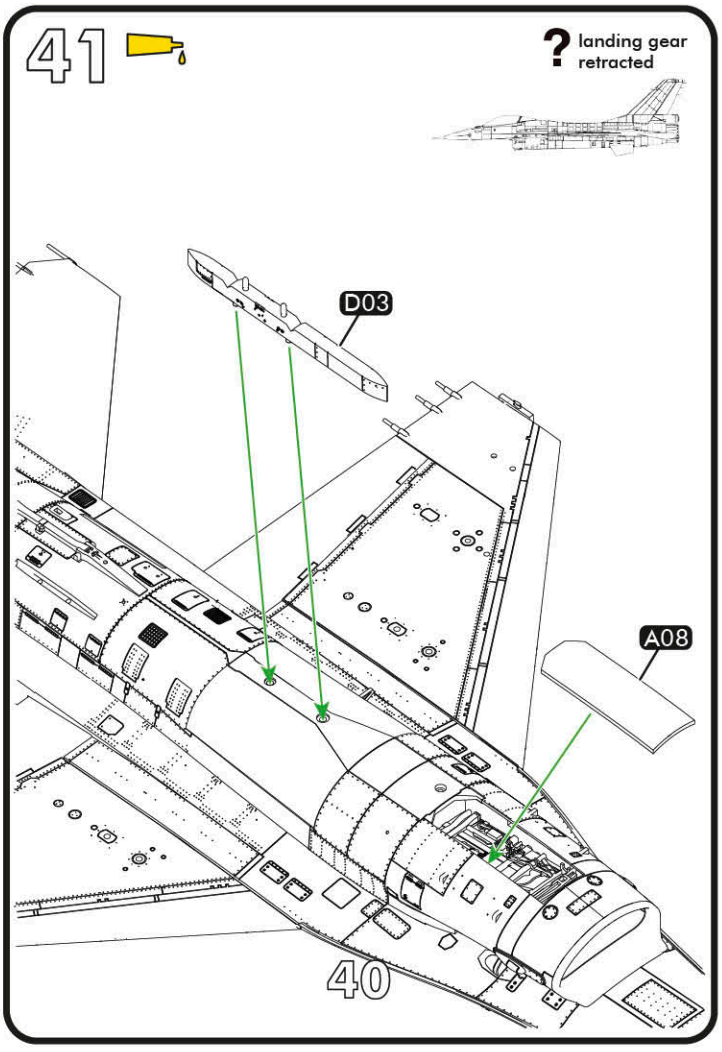

36
130
? landing gear extended
130
D17
35


37
33
130
? landing gear extended
D18
130
130
33
36

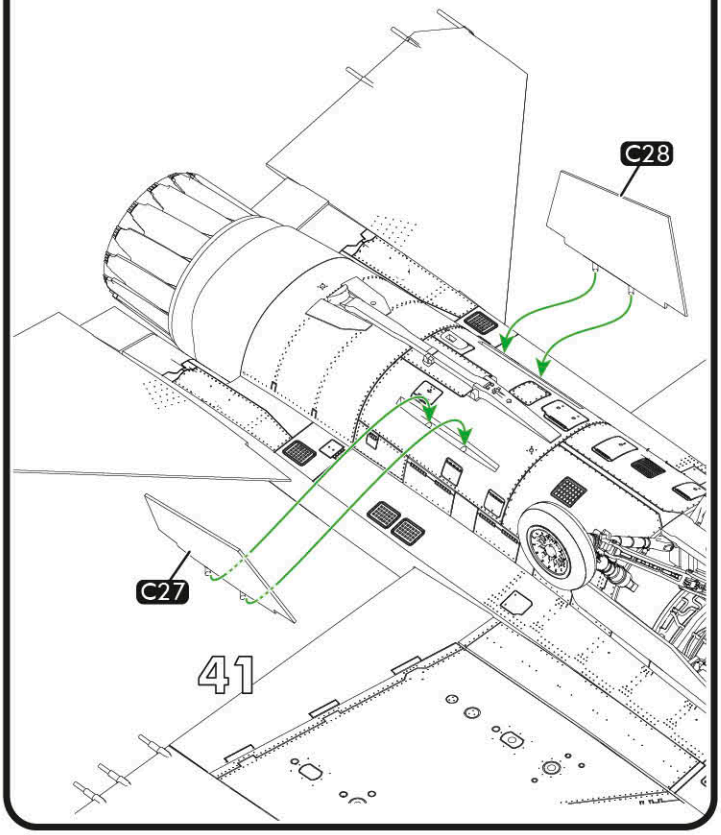

38
130
? landing gear retracted
D11
130
D10
130
D08
130
130
D16


39
130
? landing gear retracted
130
D23
130
D16
24

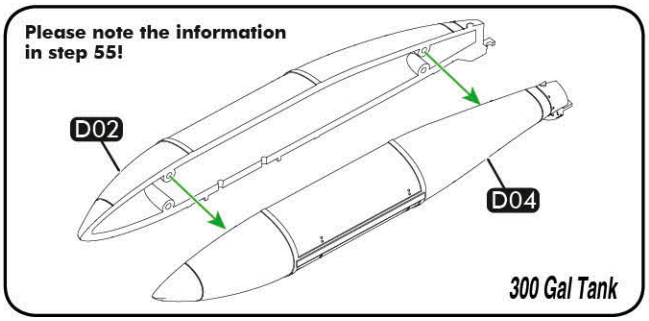

40
? landing gear retracted
D11
D10
C29
39

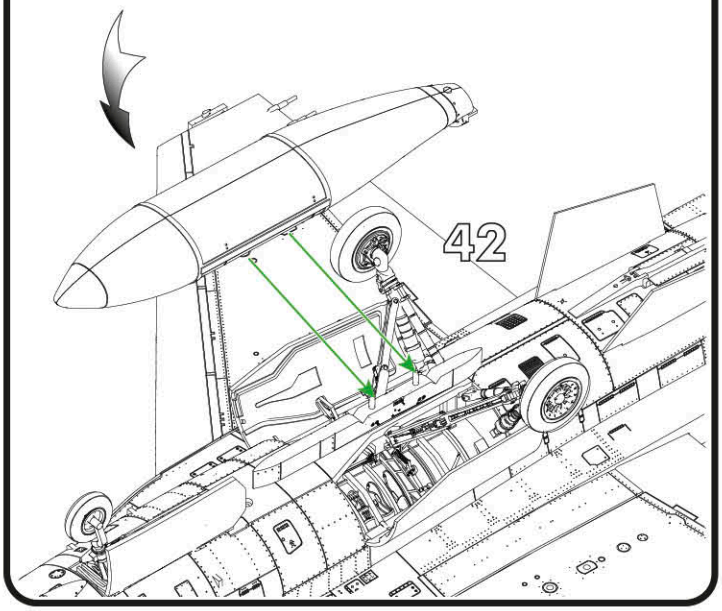

41
? landing gear retracted
D03
A08
40

42

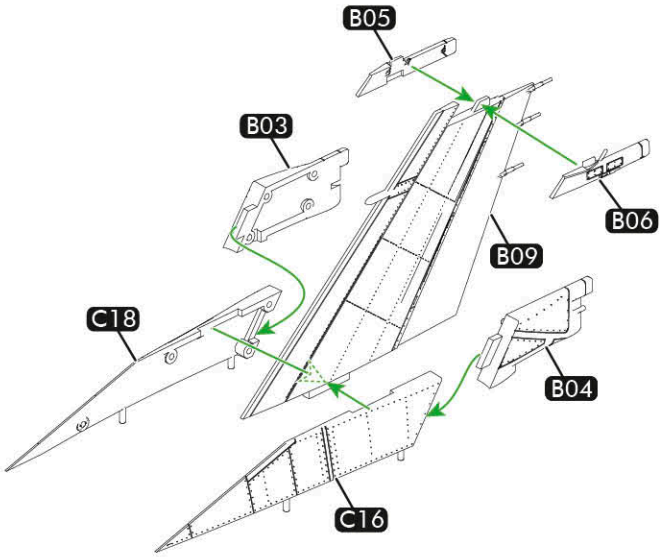

C28
C27
41

43

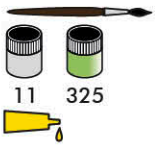

Please note the information
in step 55!
D02
D04
300 Gal Tank

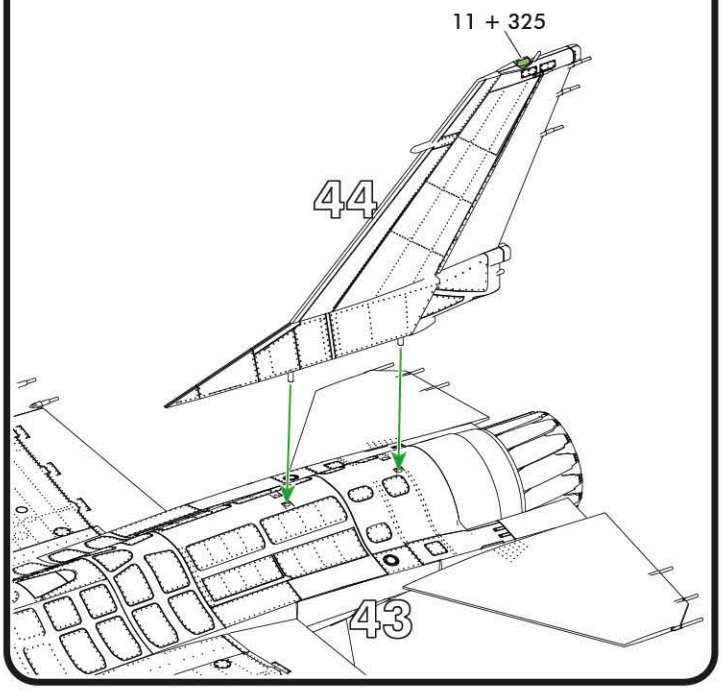

42

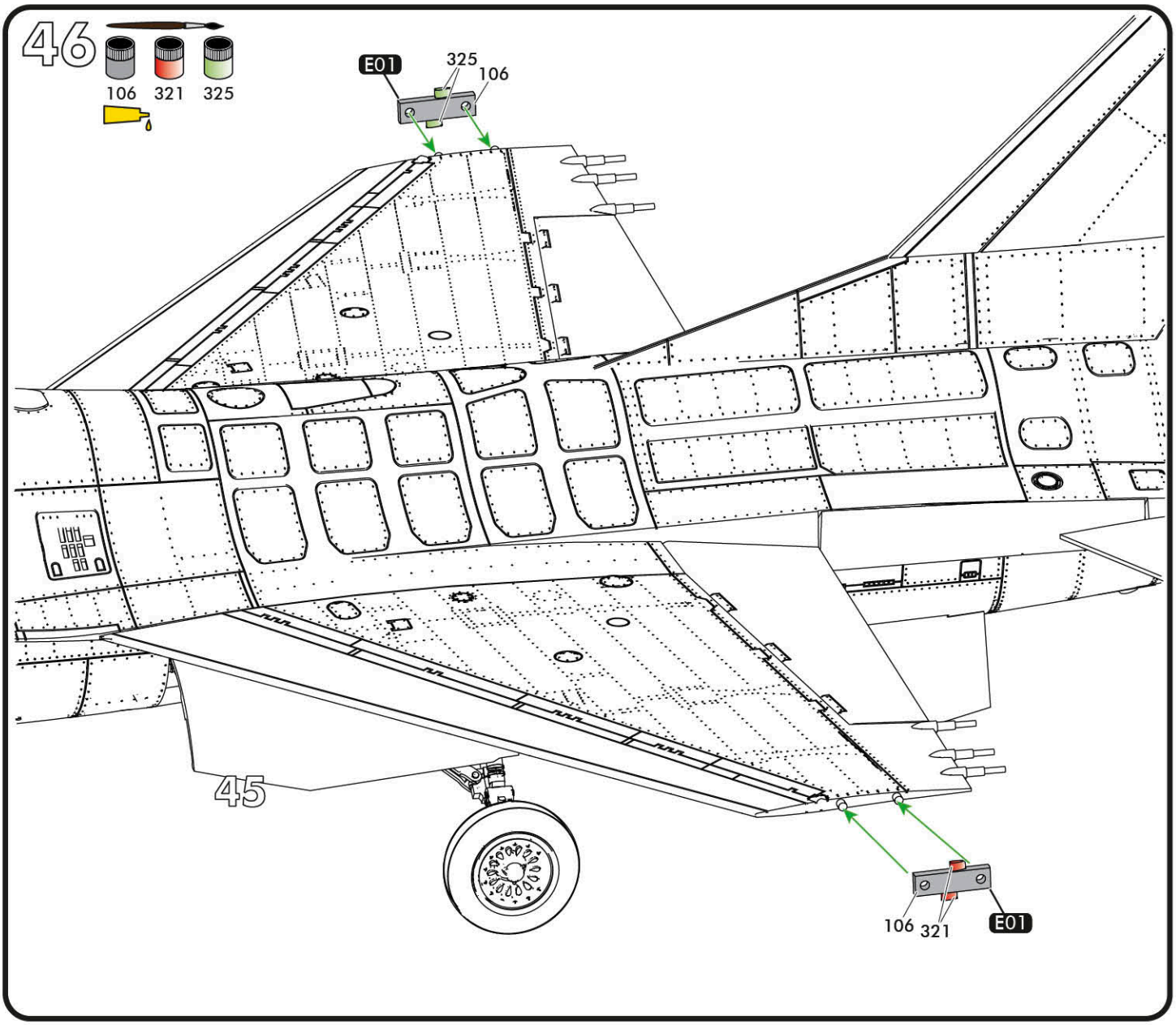
44

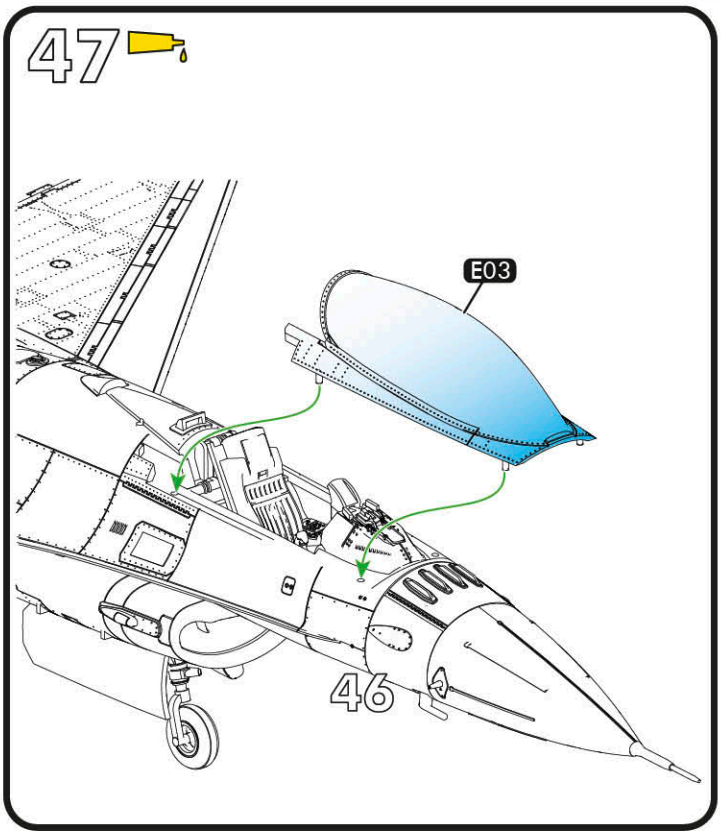

B05
B03
B06
B09
C18
B04
C16

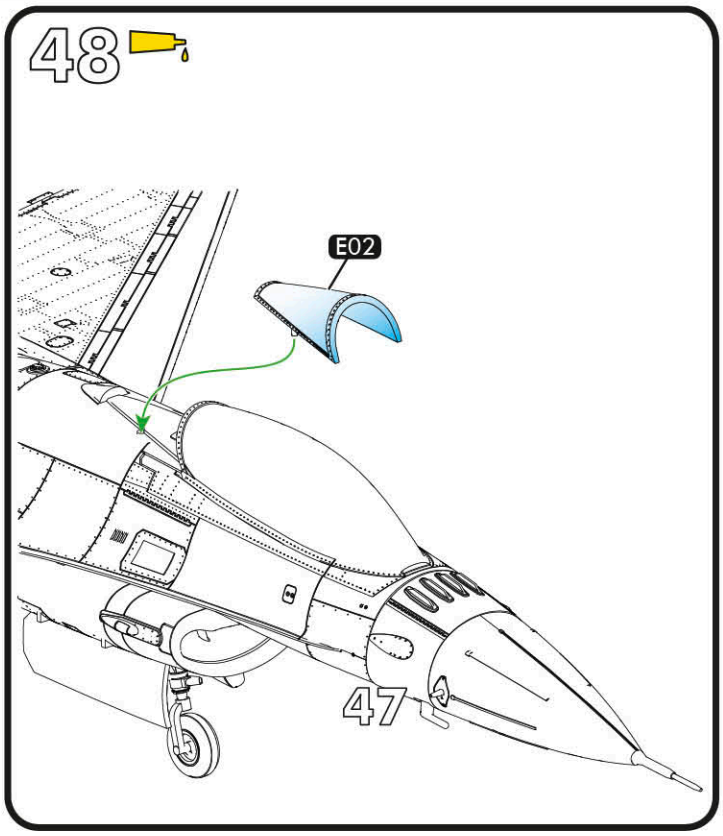
45


11
325


11 + 325
44
43


46
106
321
325
E01
325
106
45
106
321
E01


47
E03
46

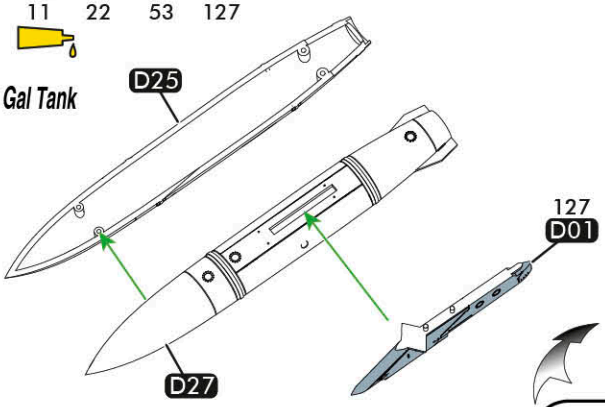

48
E02
47

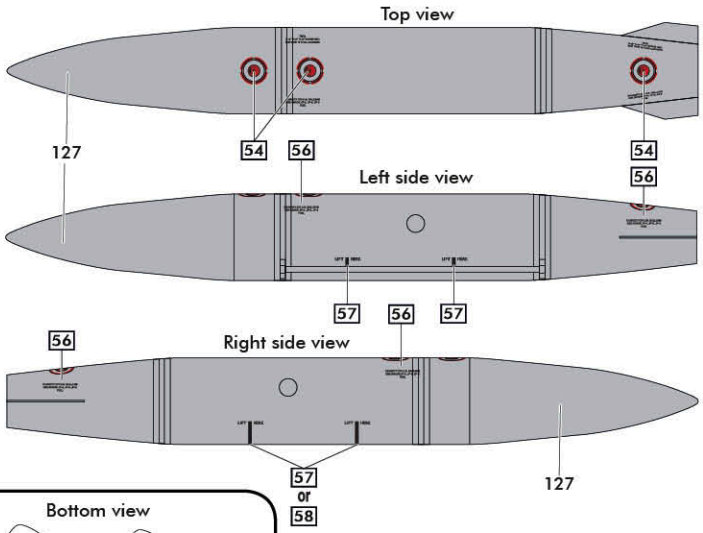
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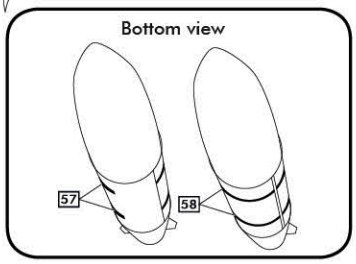
11 22 53 127

x2

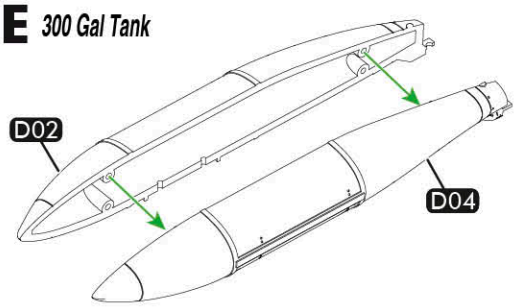
A 370 Gal Tank

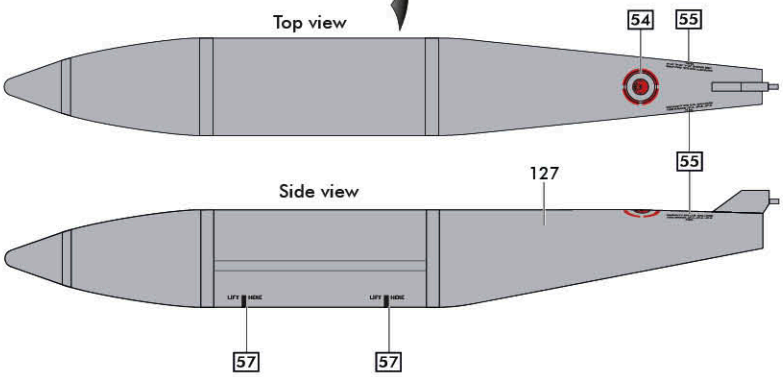






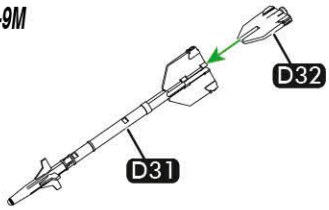
E 300 Gal Tank

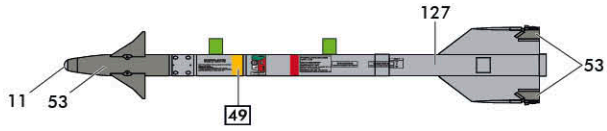




B AIM-9M

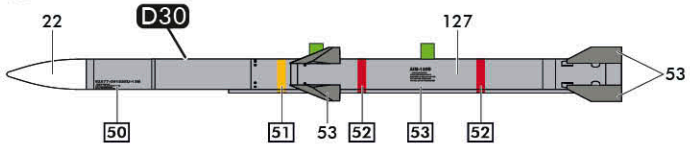
x2





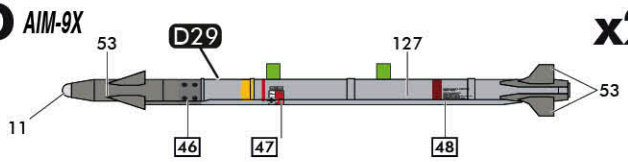
C AIM-120

x2



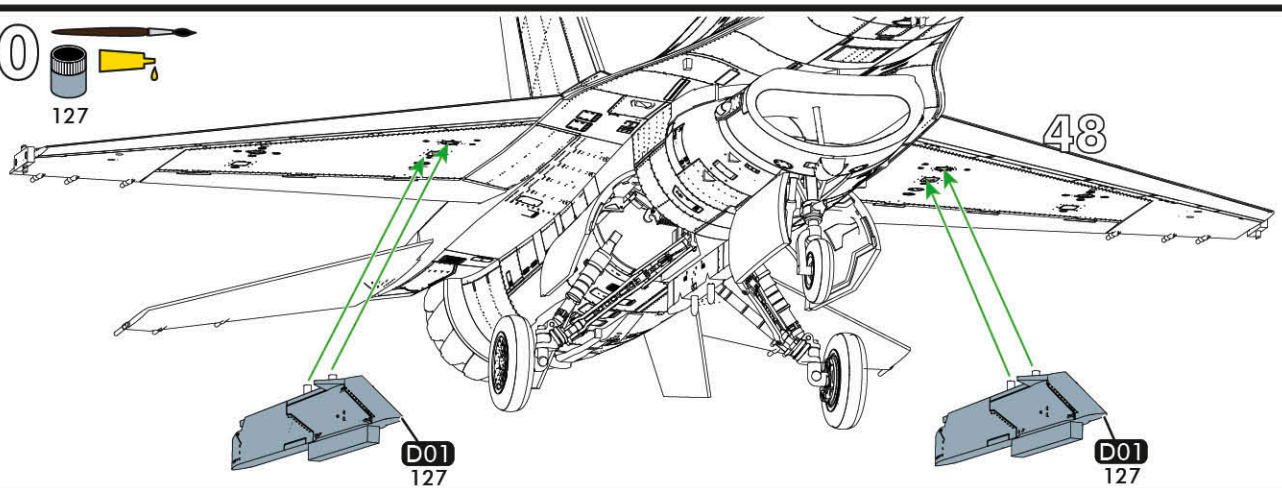
D AIM-9X

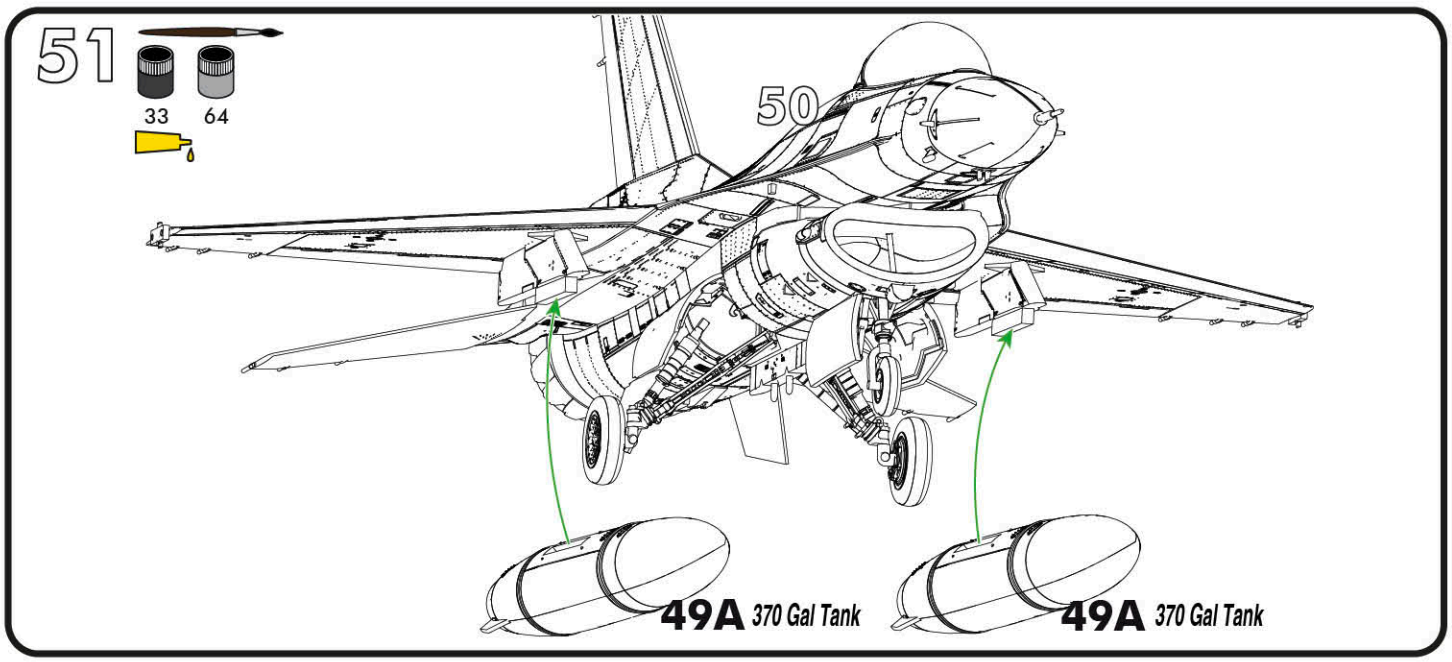
x2

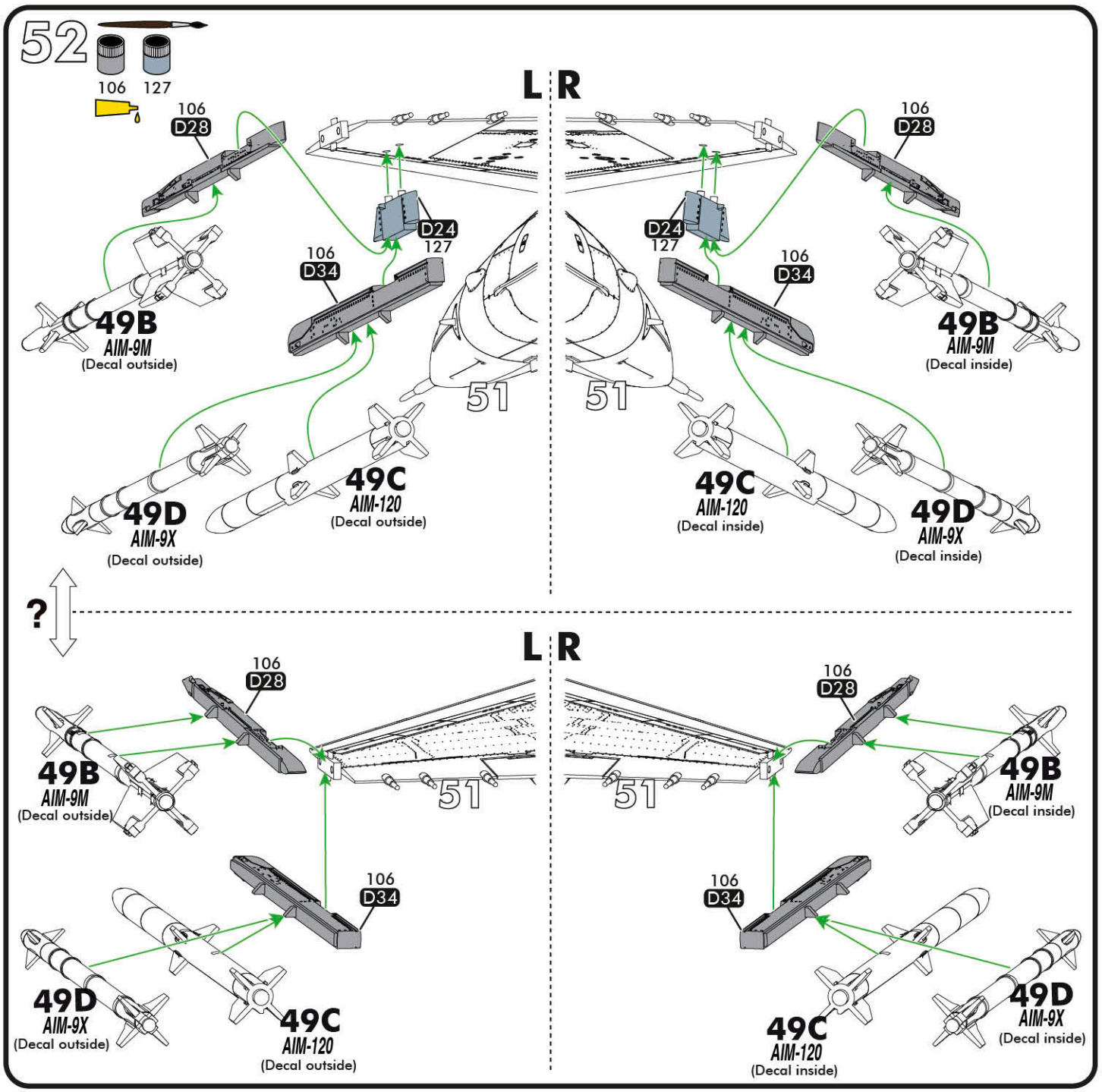


50

127



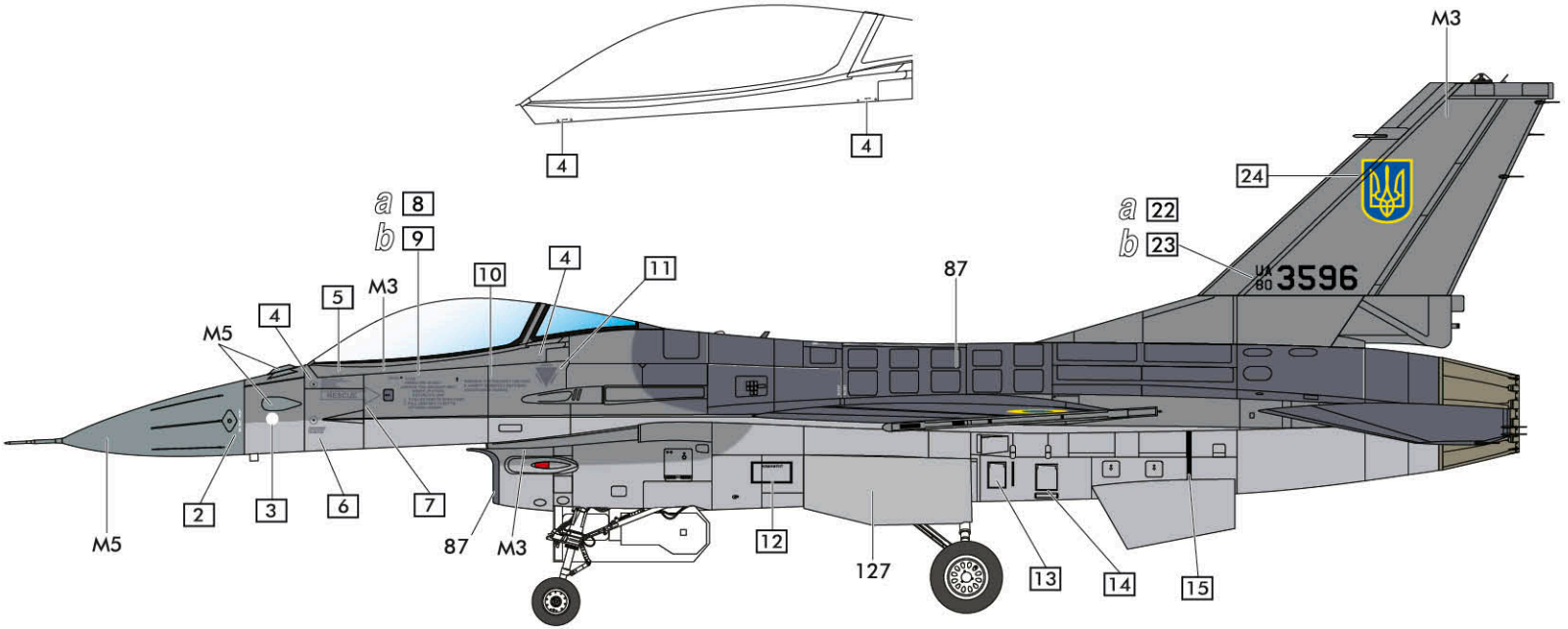

51
33
64
50
49A 370 Gal Tank
49A 370 Gal Tank

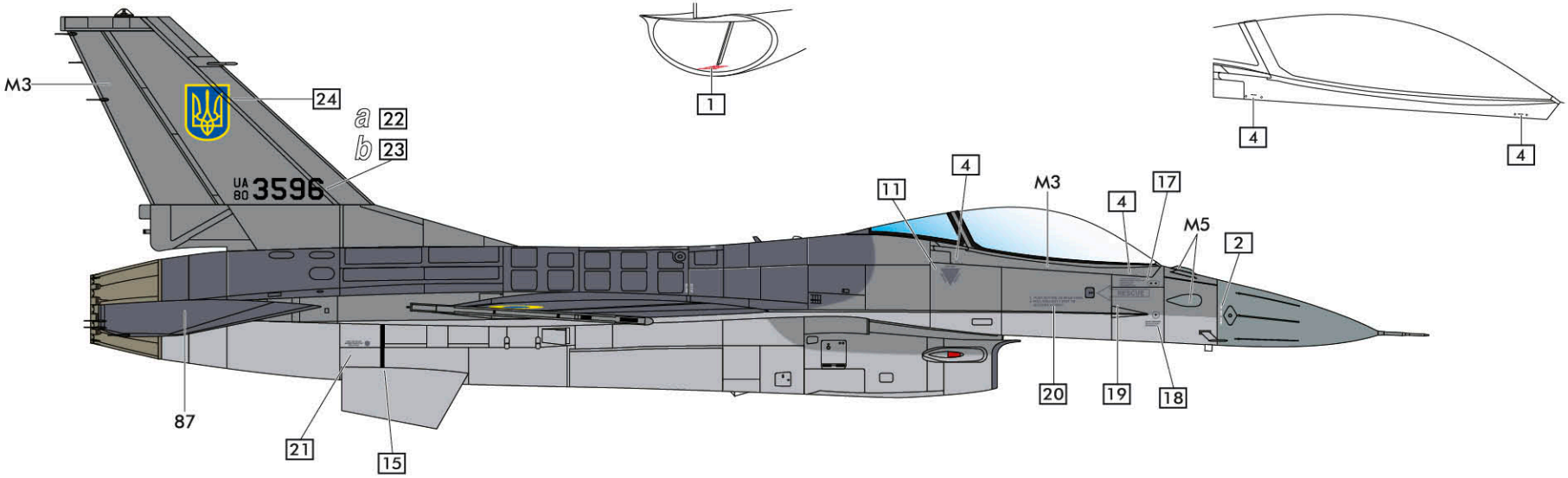

52
106
127
L
R
106
D28
D24
127
106
D34
49B
AIM-9M
(Decal outside)
49B
AIM-9M
(Decal inside)
51
49C
AIM-120
(Decal outside)
49C
AIM-120
(Decal inside)
49D
AIM-9X
(Decal outside)
49D
AIM-9X
(Decal inside)
?
L
R
106
D28
49B
AIM-9M
(Decal outside)
49B
AIM-9M
(Decal inside)
51
106
D34
49D
AIM-9X
(Decal outside)
49C
AIM-120
(Decal outside)
49C
AIM-120
(Decal inside)
49D
AIM-9X
(Decal inside)

53

87 127 M3 M5

F-16A Block 20 MLU 80-3596 / 80-3599
Ukraine Air Force 4 August 2024

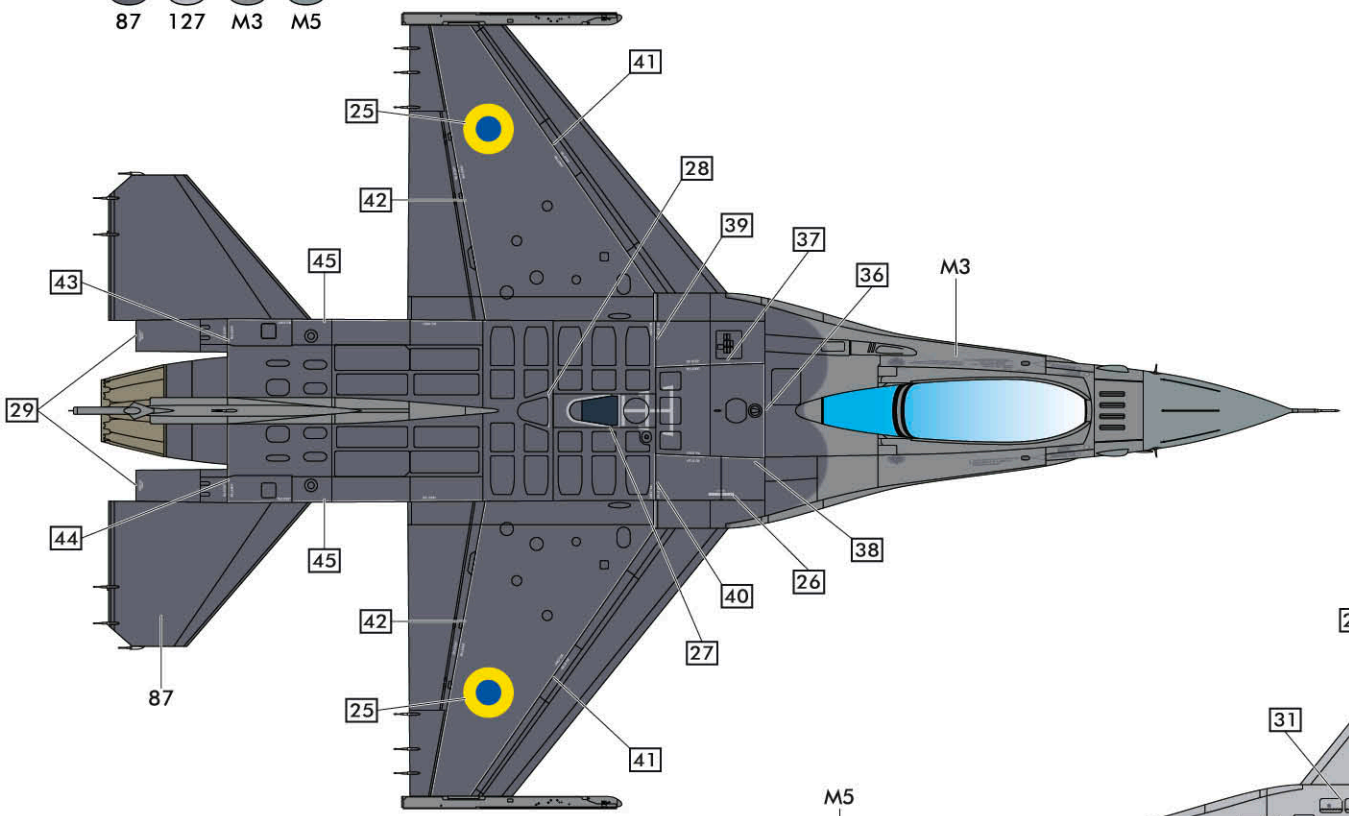


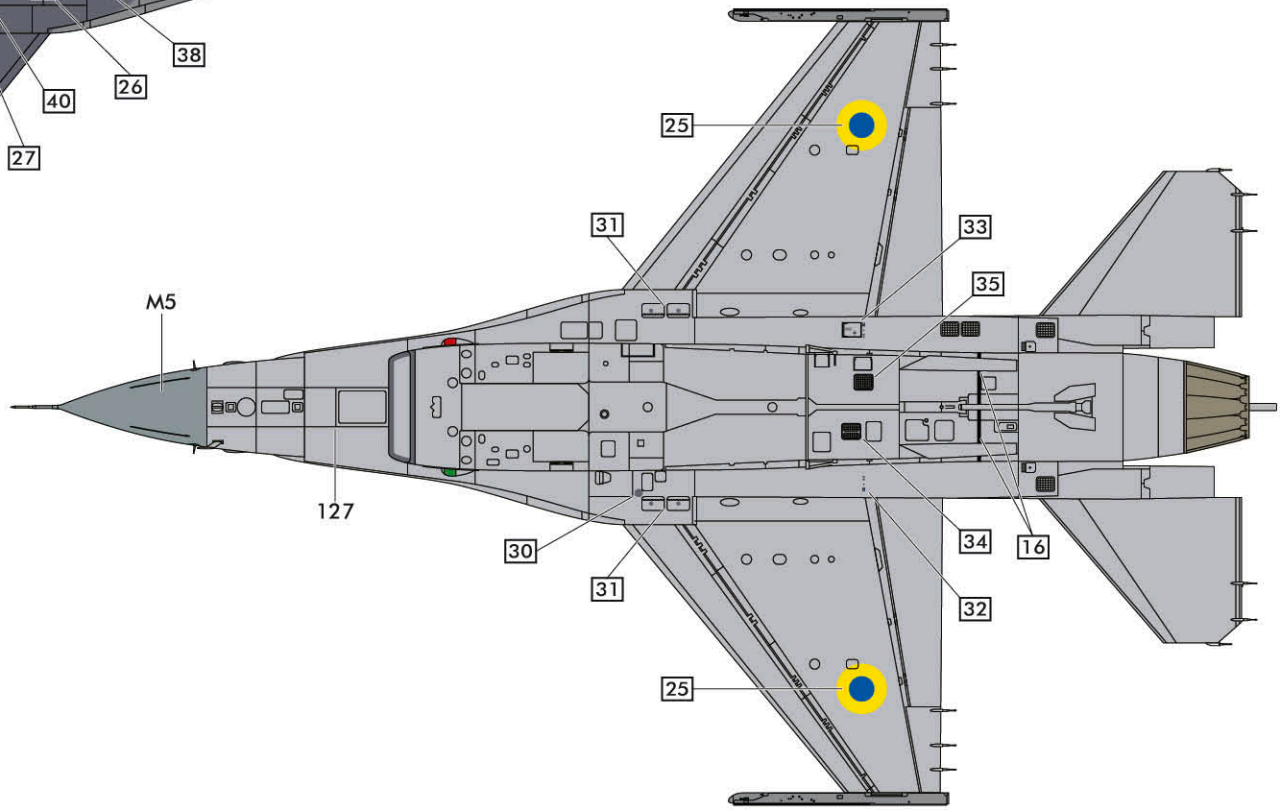


54

87 127 M3 M5

F-16A Block 20 MLU 80-3596 / 80-3599
Ukraine Air Force 4 August 2024

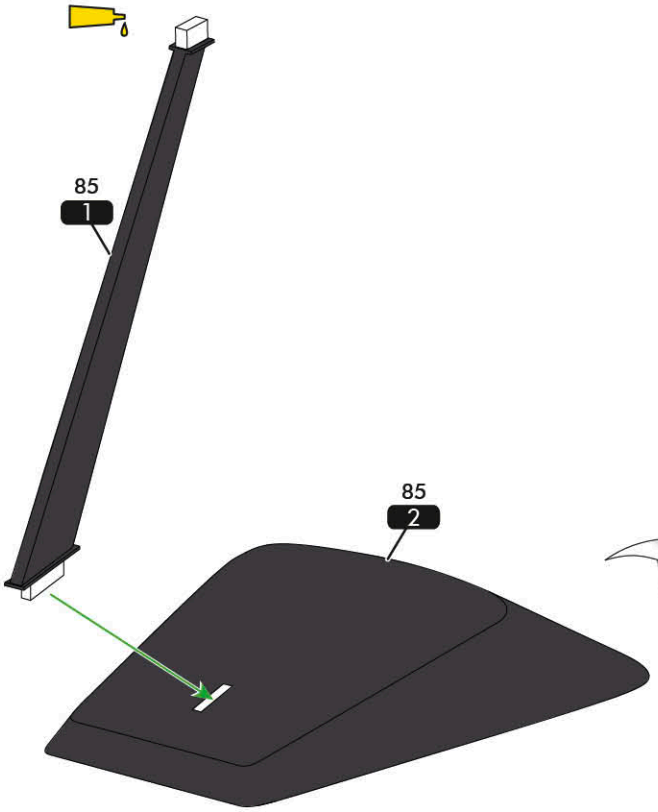


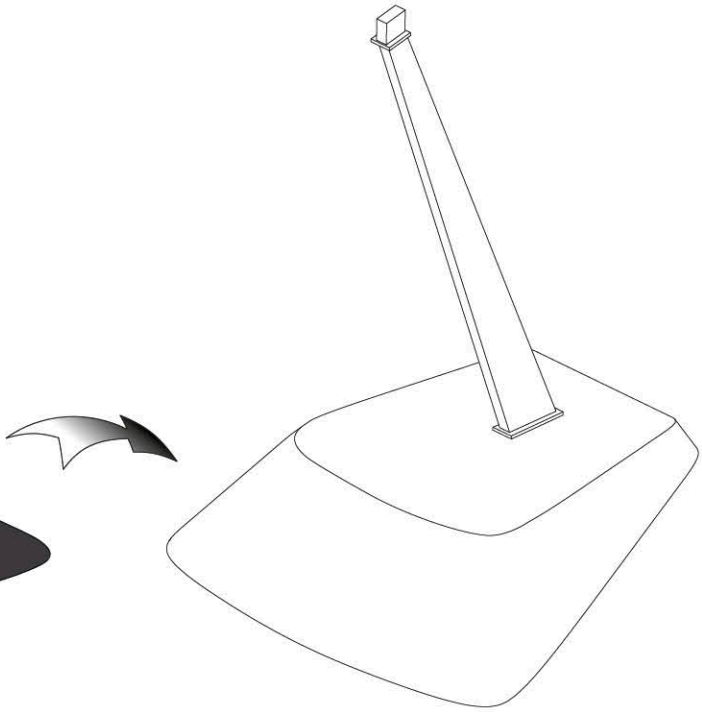


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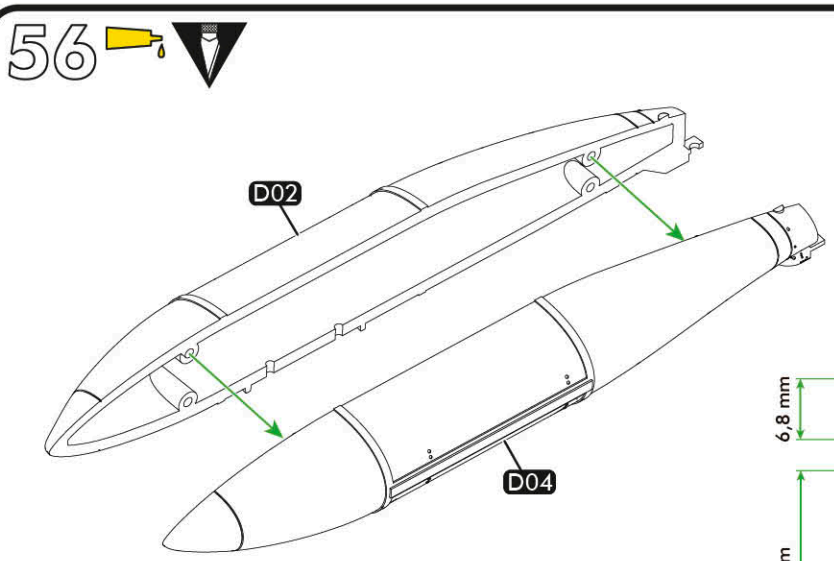


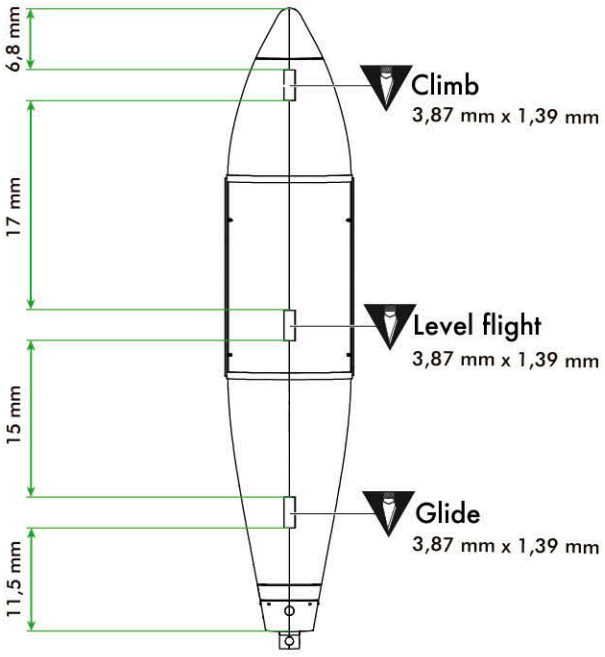

85


85
1
85
2

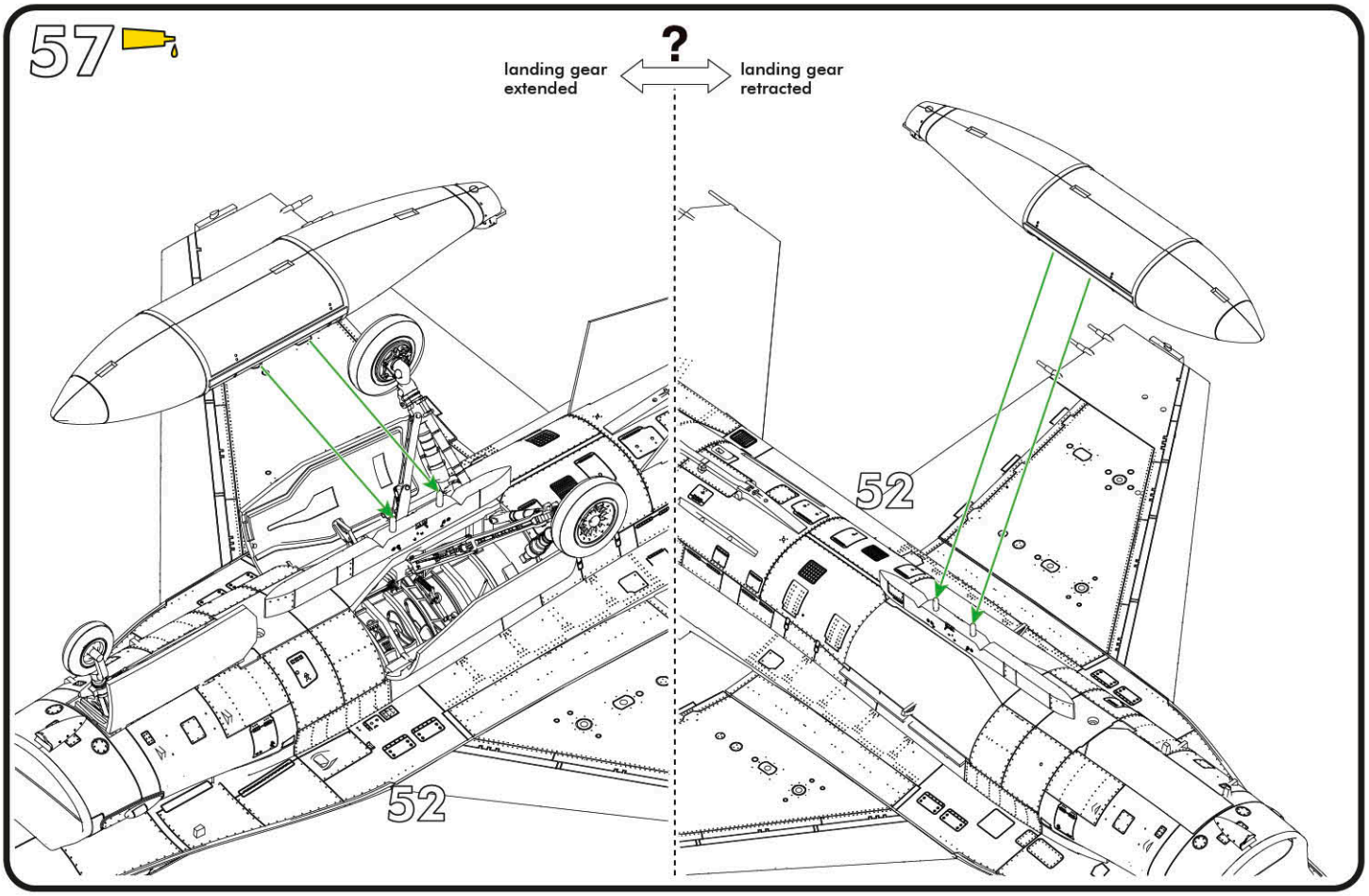


56

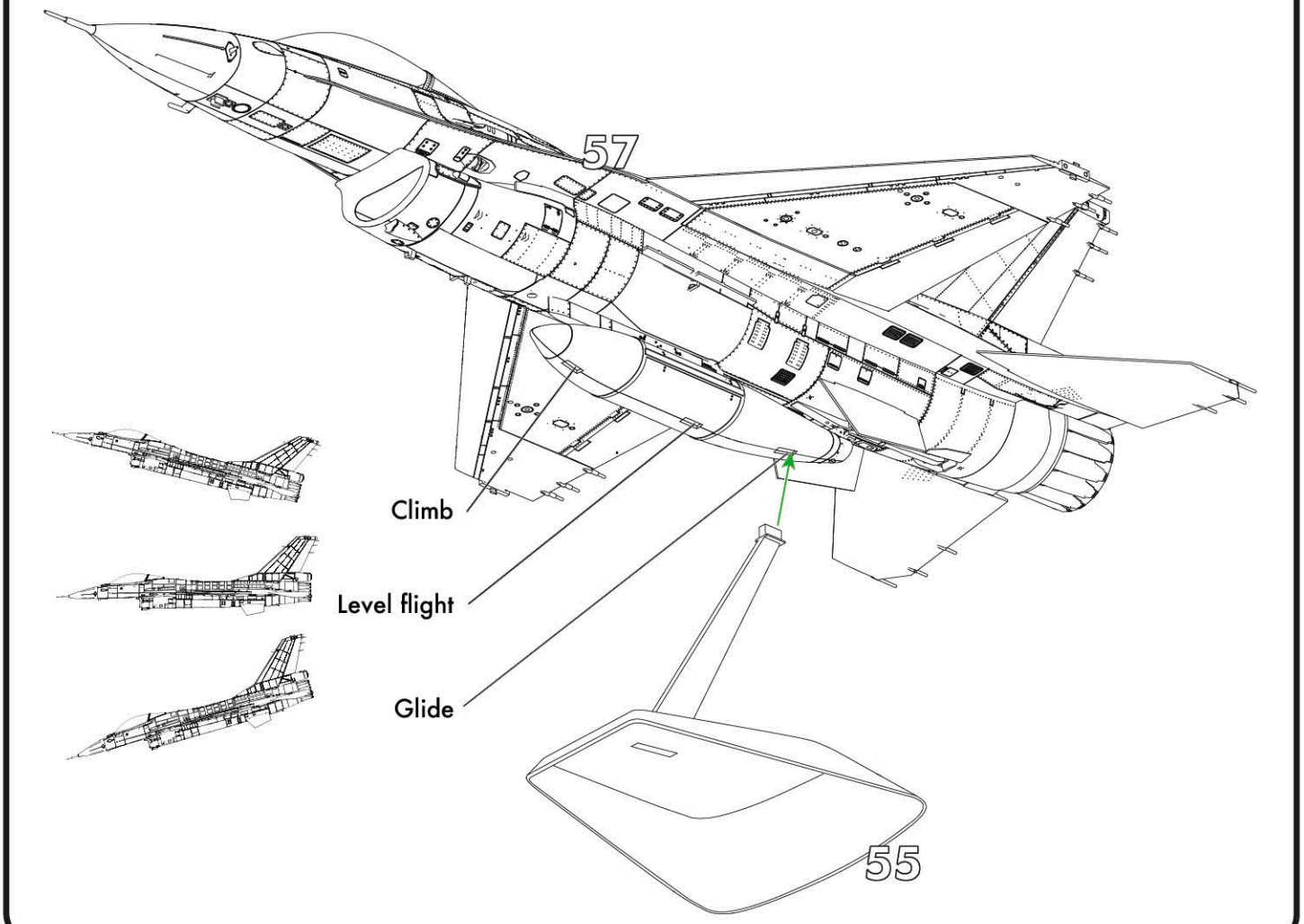

D02
D04

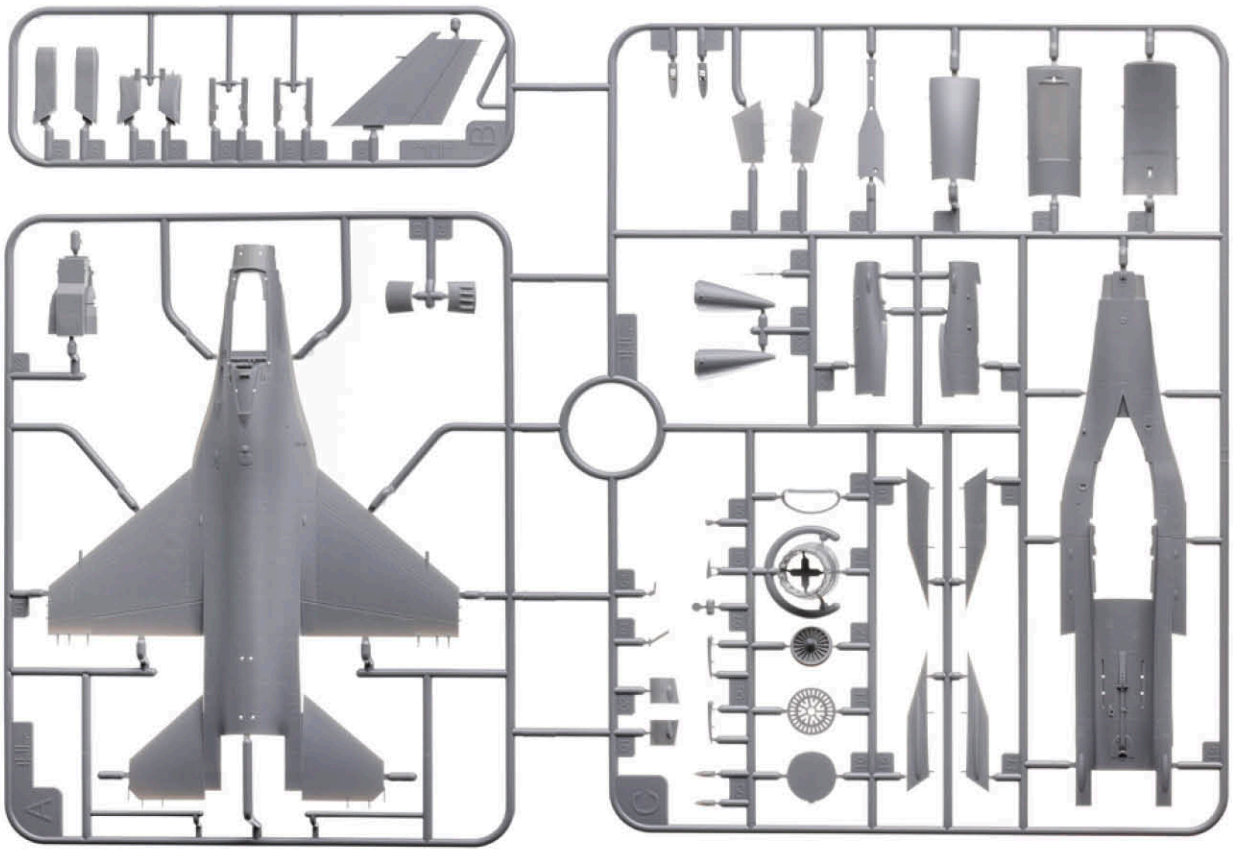

6,8 mm
Climb
3,87 mm x 1,39 mm
17 mm
Level flight
3,87 mm x 1,39 mm
15 mm
Glide
3,87 mm x 1,39 mm
11,5 mm

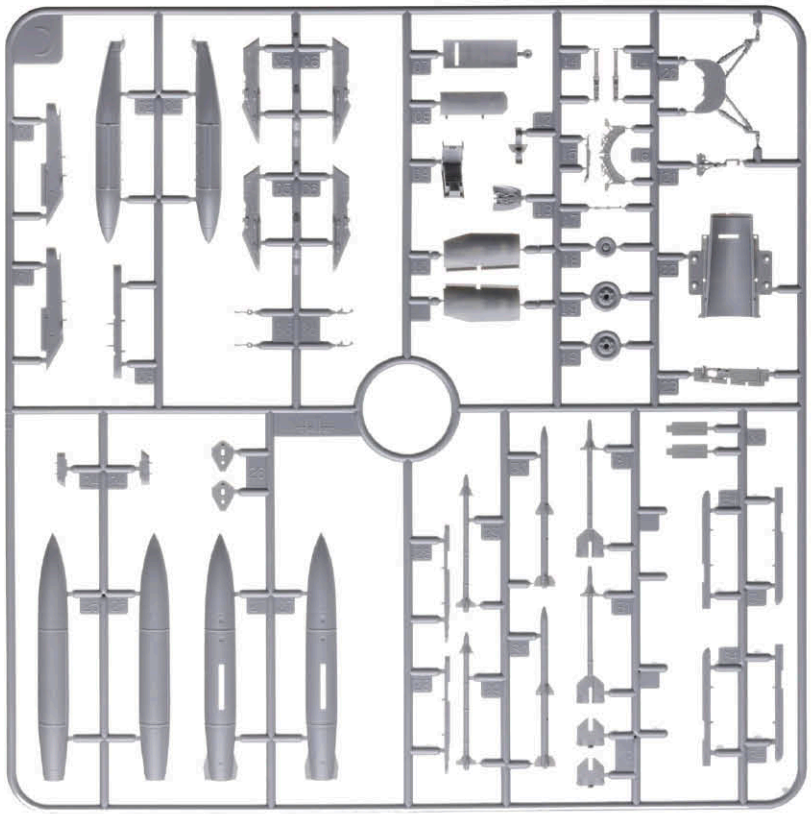
57


?
landing gear extended
landing gear retracted
52
52

58


57
Climb
Level flight
Glide
55







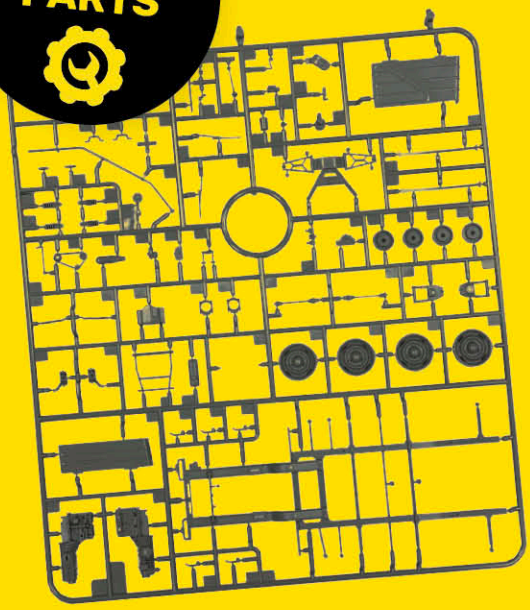
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