

JA37

1:32

VIGGEN























SAAB JA37 VIGGEN

IMPORTANT NOTES

- This is one of the 500 copies of SAAB JA37 Viggen limited edition kit in 1/32nd scale, which is produced with cast polyurethane resin and 3D printing resin.
- All parts and drawings must be studied carefully before building the model. JETMADS recommends the building sequence in these instructions to be followed, maybe except small external parts like antennae etc and other items that the modeler prefers based on personal modeling habits.
- Parts of this kit have been designed and tested to have a smooth fit. However slight misalignments may occur between cast parts due to the nature of resin material and the fact that molds for resin casting have been several times renewed during the production, giving a mixed assortment of parts from molds of different wear. Modelers are recommended to perform dry fits before finalizing any steps of assembly.
- This kit offers the advantages of 3D printing technology for small and intricate details. However, 3D printed parts are delicate and brittle, always requiring handling with care. Make sure to use sharp blades and cutters to detach from their printing supports. Apply wet sanding where required with a sandpaper no less than 1000 grits.
- When separating parts from their casting blocks or supports, always make slight repeating cuts rather than hard and deep cuts in order to avoid damage.
- Striations may occur on some 3D printed parts due to nature of 3D printing. These have been removed on masters of the cast parts to an extent where smoothing starts to compromise details. They are generally unlikely to be noticed by the naked eye on a finished model, however the modeler may feel further surface treatment to be necessary if the model is to be built to a competition or very close photographic shots of the model will be performed.
- Clear cast parts are produced with UV stabilized material from Italy and resistant to yellowing, as asserted by the material manufacturer. These parts have been tested by JETMADS against yellowing for some months and seem to perform well, nevertheless modelers are recommended to avoid exposing clear parts to direct sunlight as long term performance is unknown.
- Landing gears of this kit are manufactured by 3D printing in order to offer highest details. However, protective precautions are recommended as 3D printing resin is brittle and the struts may be weak against lateral movements and impacts during build. Full cure of the glue must be waited until placing the kit on its landing gear under its own weight.
- Always work in a well ventilated environment and do not inhale resin dust. Apply wet sanding whenever sanding is required.

LEGEND

 Scheme	 Completed Assembly	 Assembly Step Sequence	 Sub-assembly Sequence
 Remove	 Add Weight	 Alternative Part / Assembly	 Symmetrical on the Opposite Side
 Glue	 Cut	 Make a Hole	 Asymmetrical on the Opposite Side
 Do not Glue	 Apply Decals	 Repeat	 Attention / Caution
 Fill & Sand	 Optional Positioning	 Some Parts Hidden for Clarity	 Optional Part / Assembly

COLORS

Codes in Italics refer to most adequate colors from various brands. Compare color charts of other manufacturers for equivalencies.

 Flat White <i>Tamiya XF2</i>	 Medium Grey <i>XF20</i>	 Olive Drab <i>Tamiya XF62</i>	 FS12197 <i>Testors MM 4703</i>	 Steel
 Flat Black <i>Tamiya XF1</i>	 Light Grey <i>Testors MM 4765</i>	 Khaki Drab <i>Tamiya XF81</i>	 FS17875 <i>Testors MM 4696</i>	 Brass
 Flat Red <i>Tamiya XF7</i>	 Burnt Iron <i>Mr.Hobby H-76</i>	 Olive Green <i>Tamiya XF51</i>	 Blue <i>Testors MM 4612</i>	 Chrome
 Green <i>Tamiya X5</i>	 Deep Green <i>Tamiya XF26</i>	 Rubber Black <i>XF85</i>	 Aluminium	 Silver
 Flat Yellow <i>Tamiya X3</i>	 Park Green <i>Tamiya X28</i>	 Purple <i>Tamiya X16</i>	 Dark Aluminium	 Bronze

SWEDISH ARMY COLORS

	093M Black Green <i>MR Paint MRP-179</i>
	326M Dark Green <i>MR Paint MRP-177</i>
	322M Mid Green <i>MR Paint MRP-178</i>
	507M Tan <i>MR Paint MRP-179</i>
	058M Blue Grey <i>MR Paint MRP-175</i>
	033M Dark Grey <i>MR Paint MRP-221</i>
	032M Grey <i>MR Paint MRP-220</i>

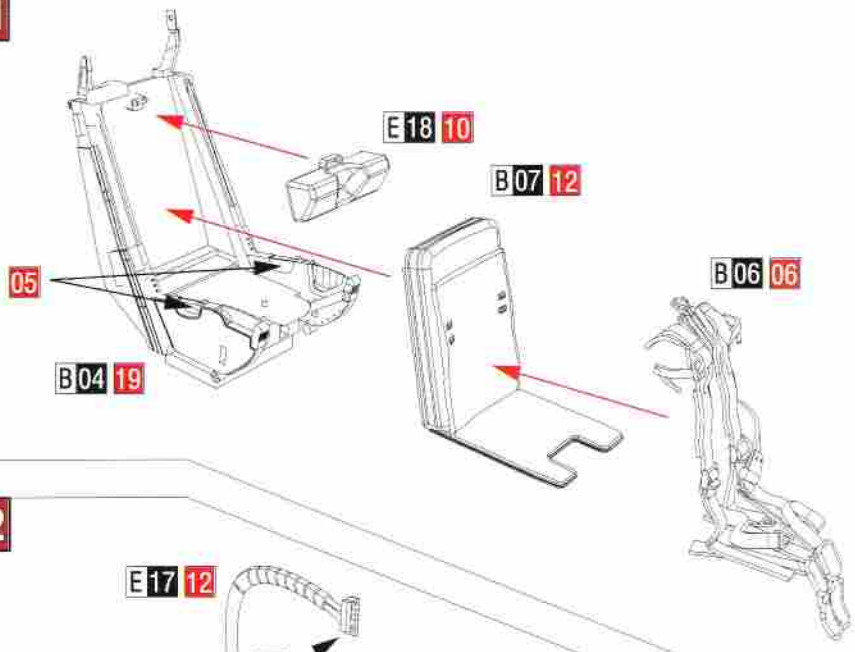
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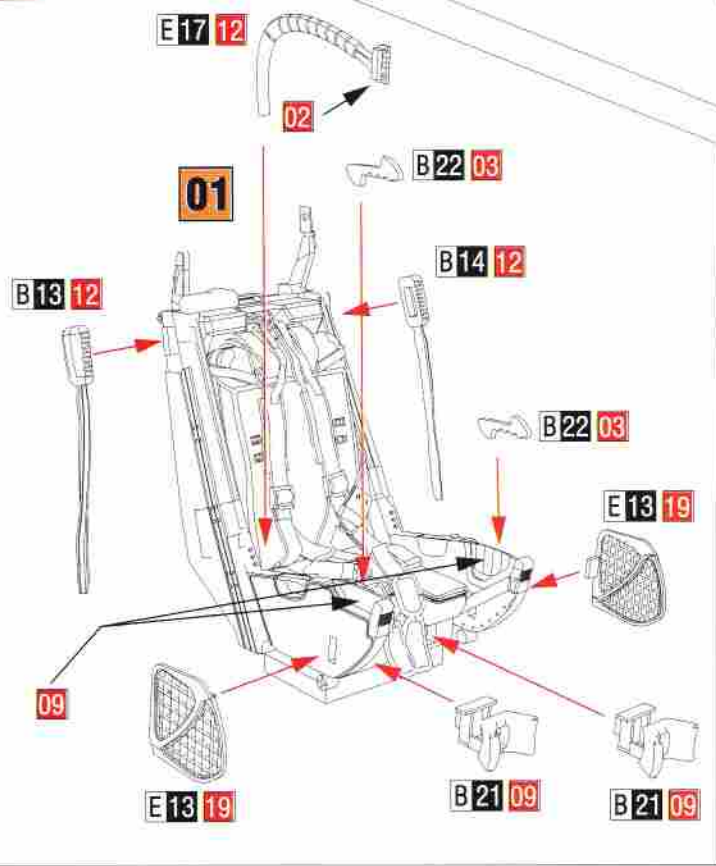
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 LIMITED EDITION

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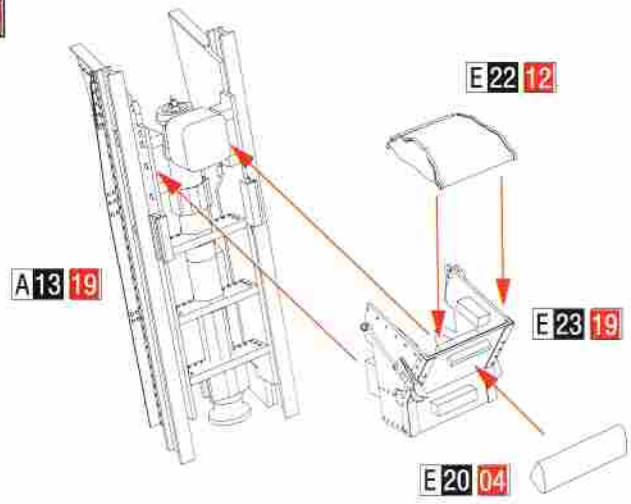
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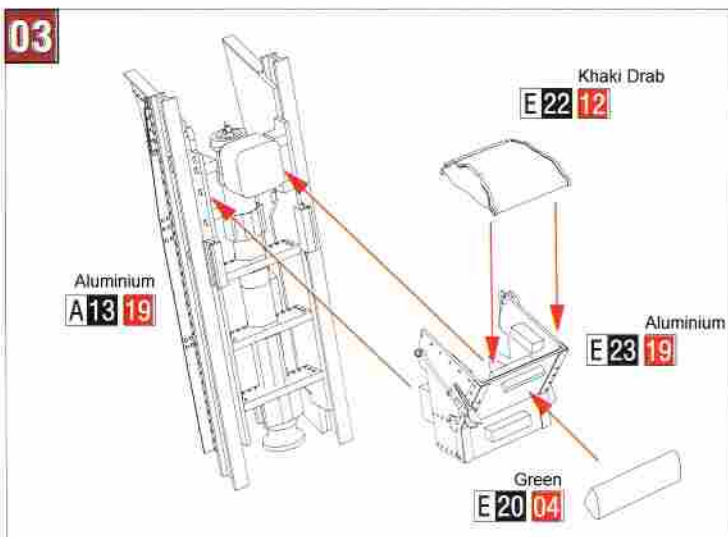
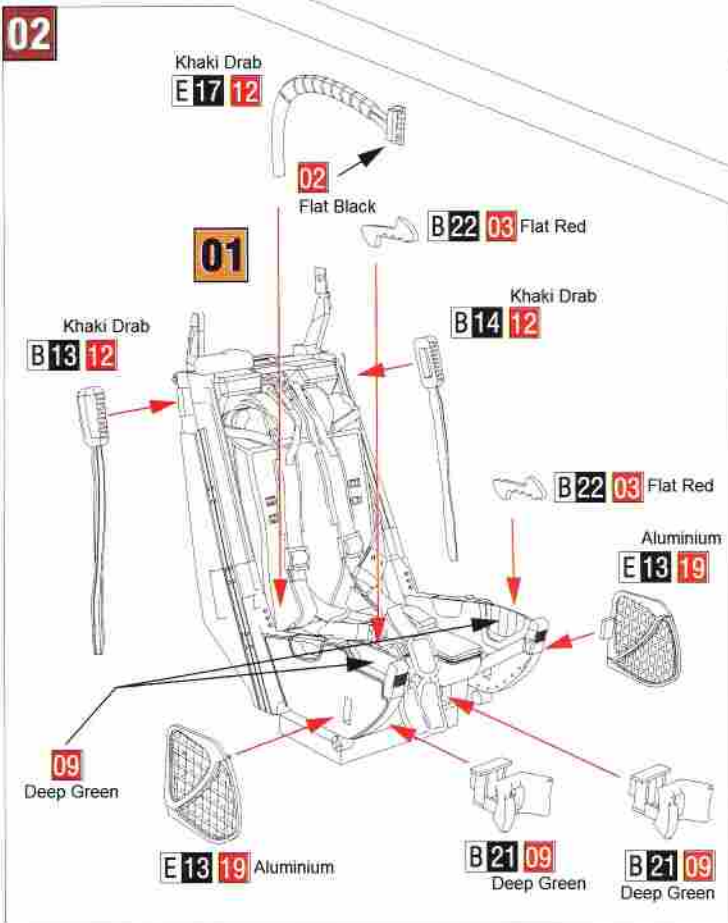
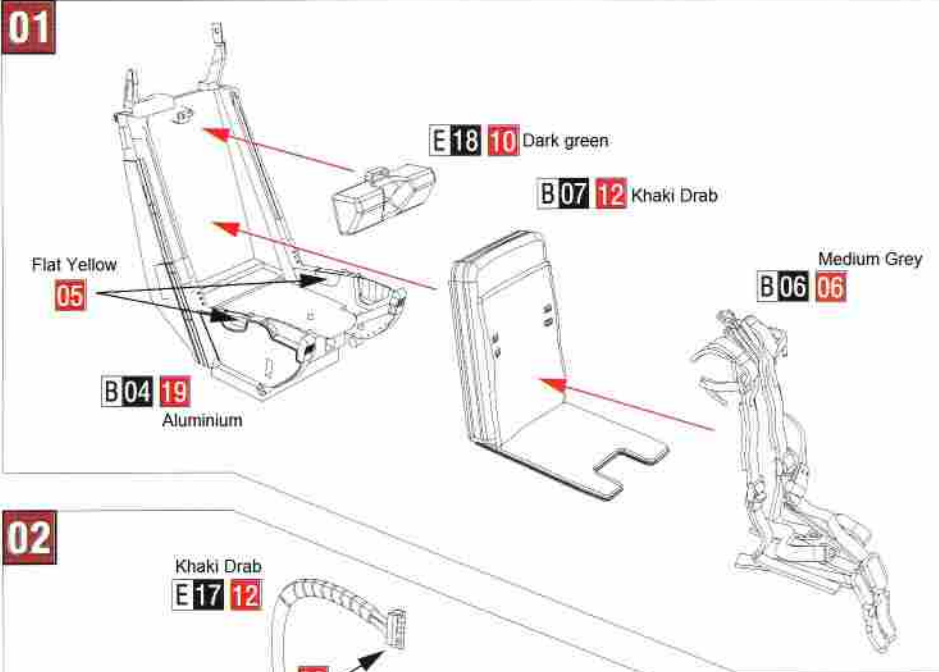


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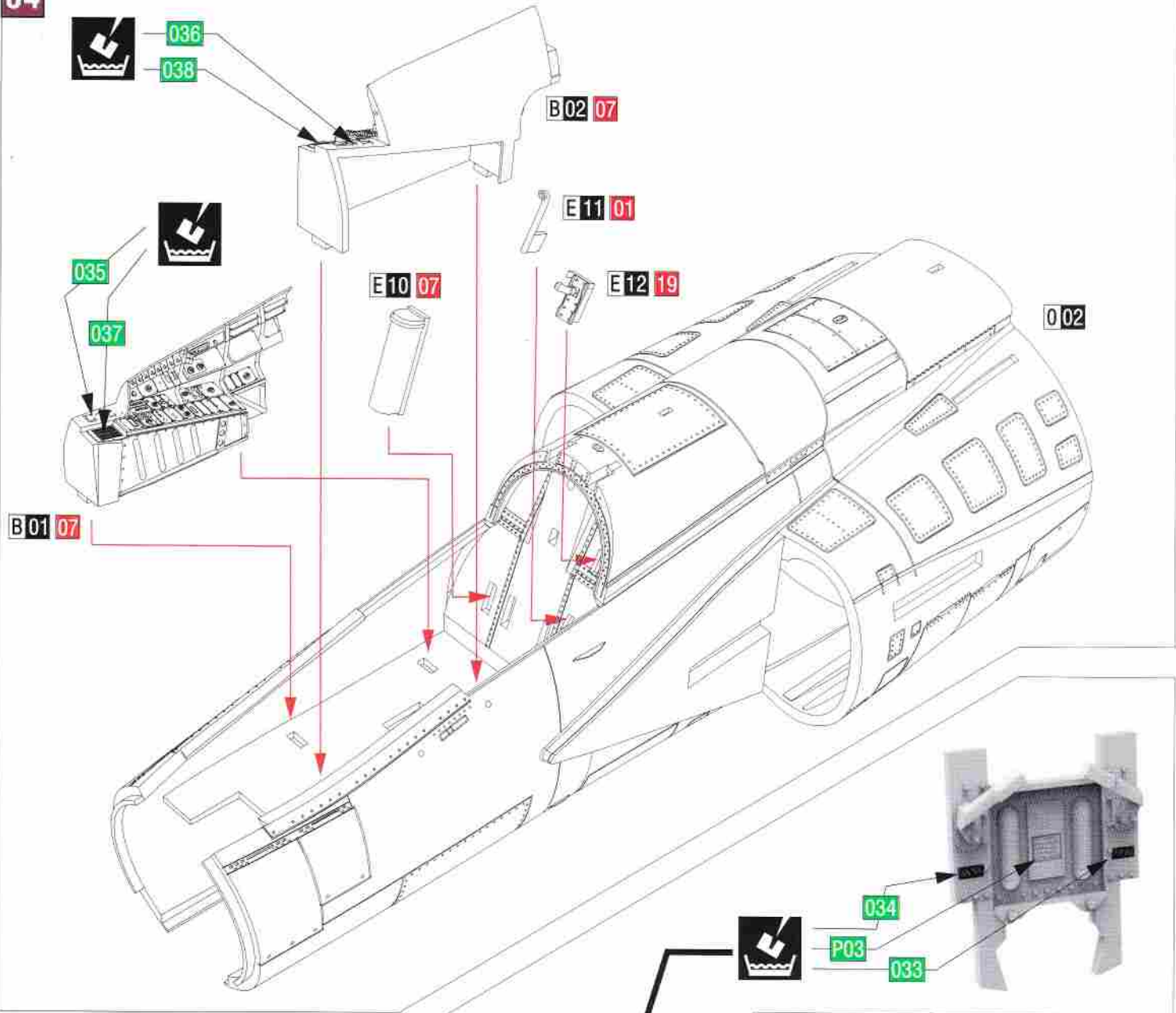


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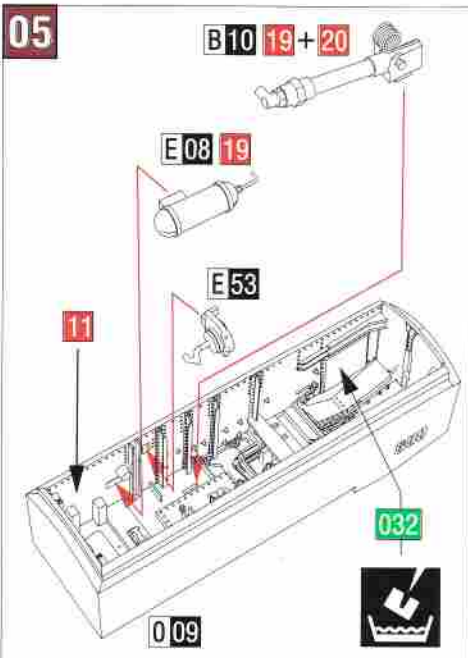


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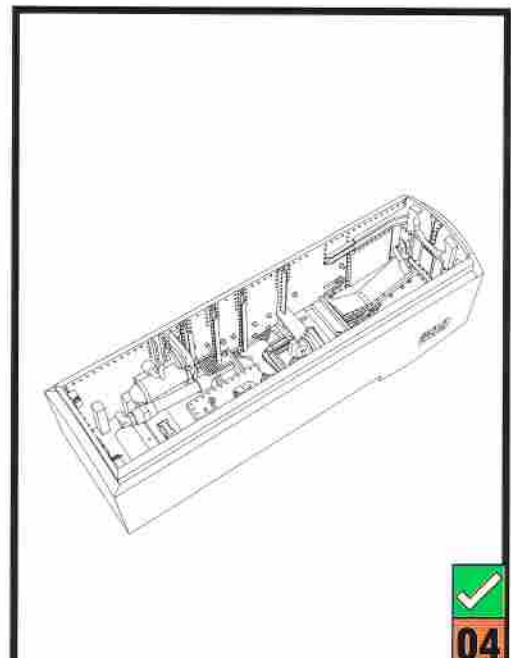
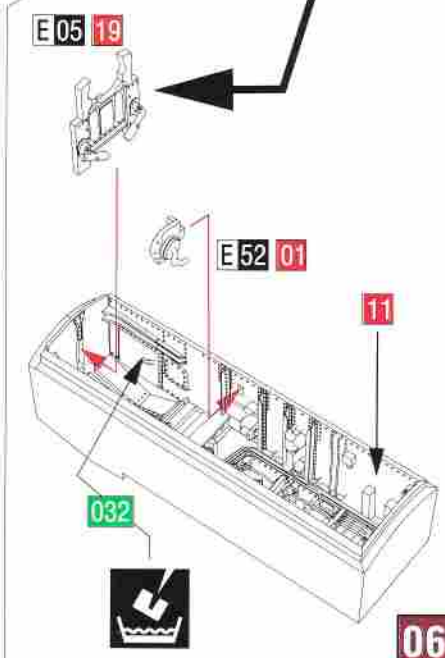
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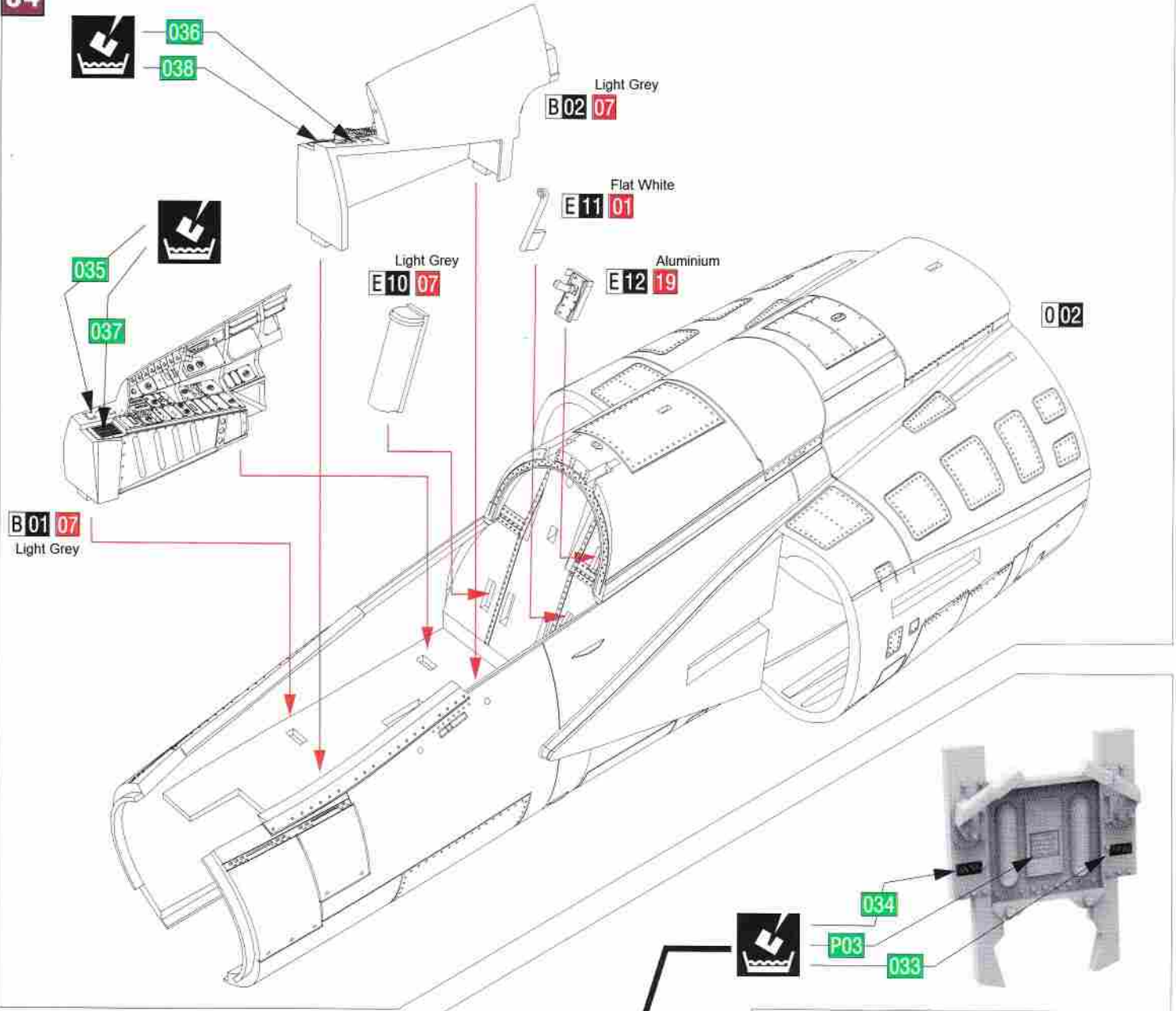


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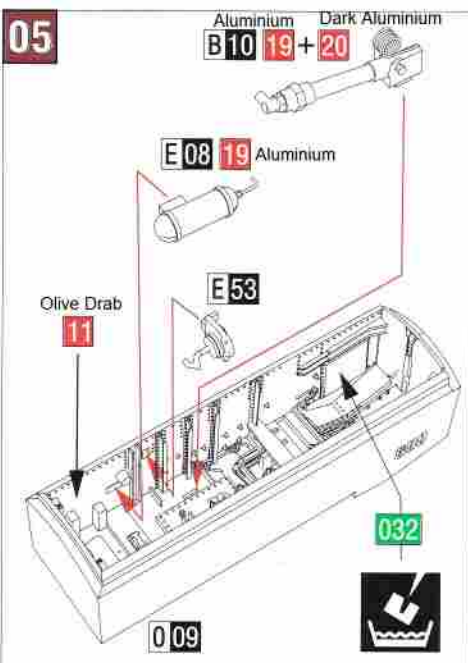


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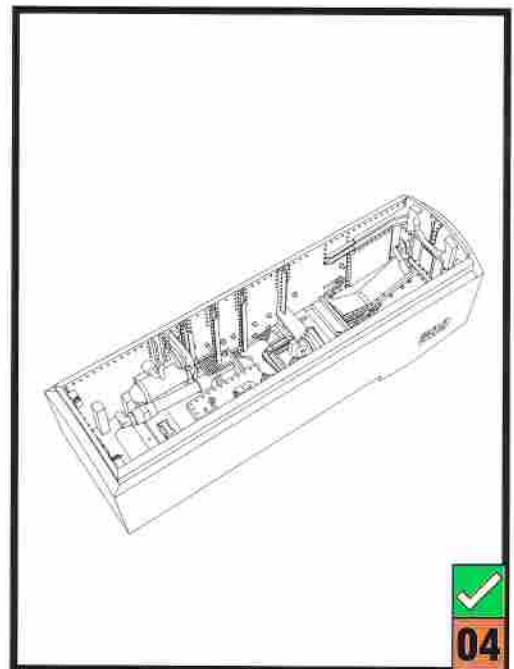
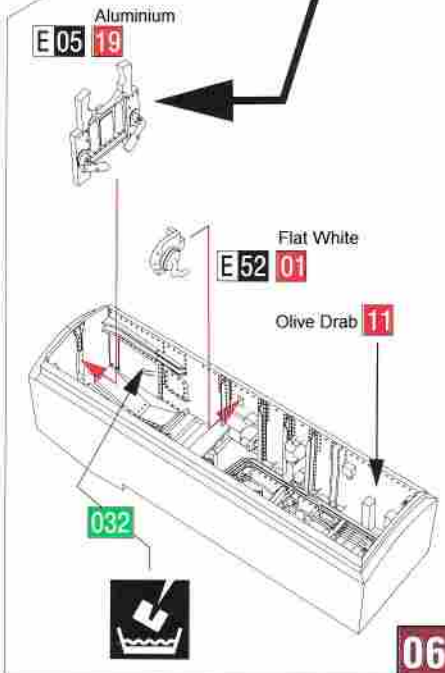
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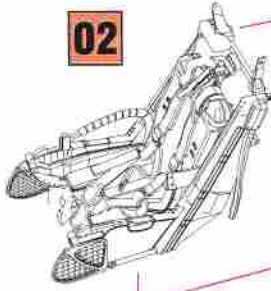
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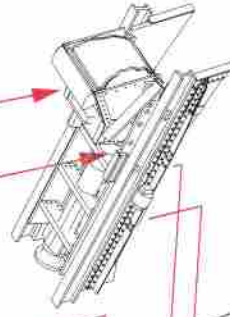
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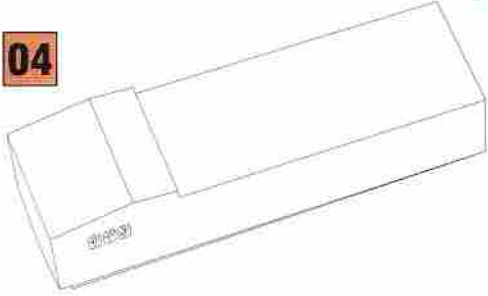
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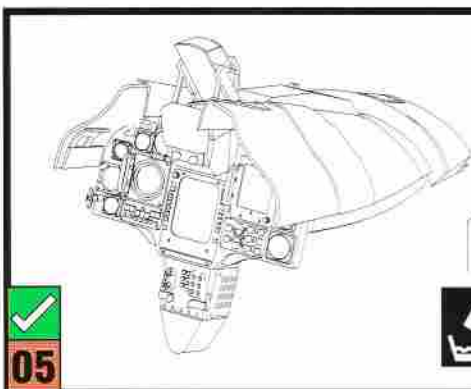
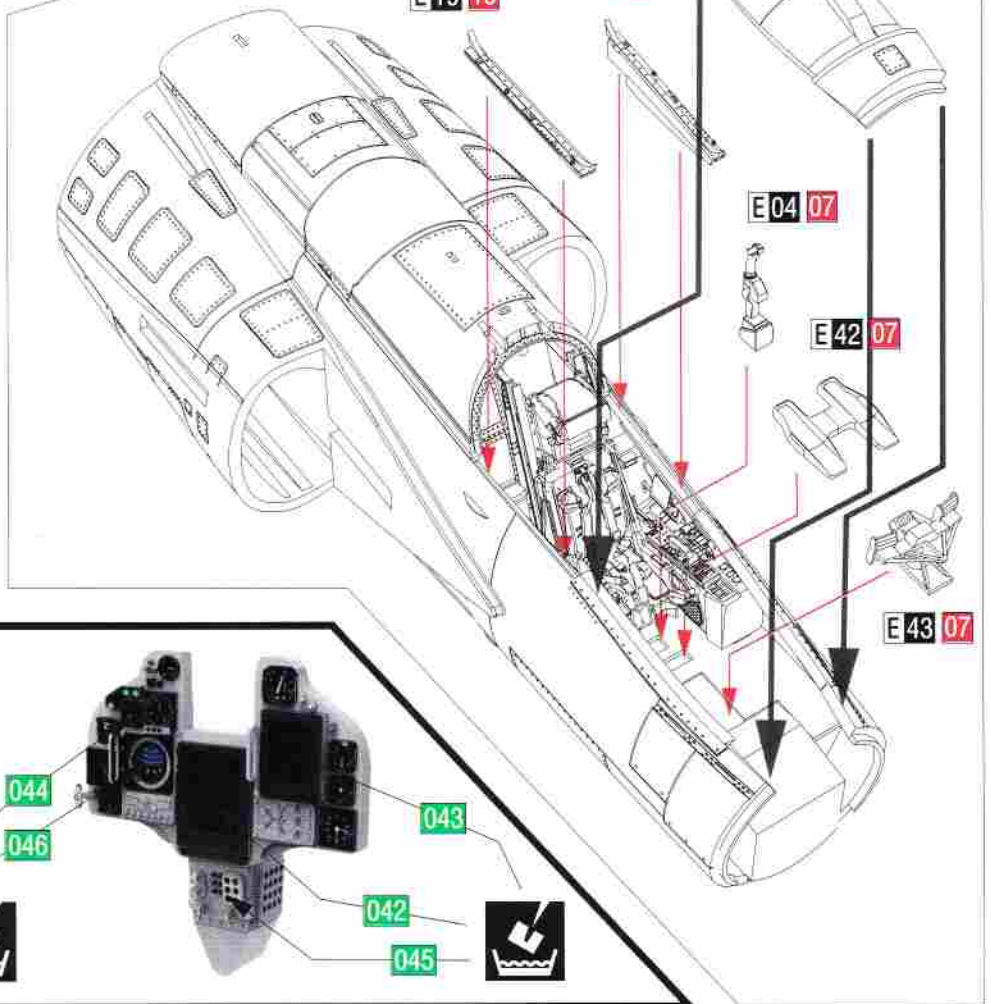
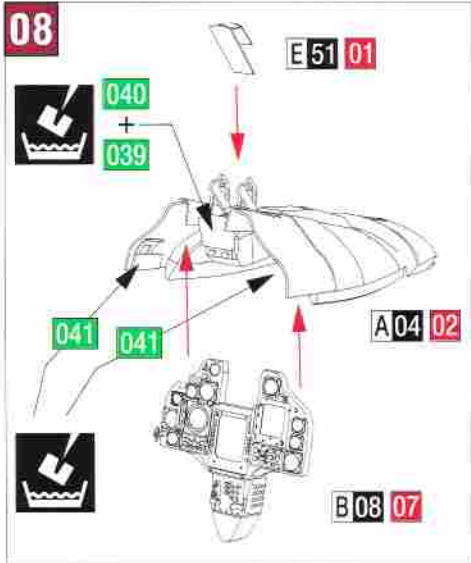


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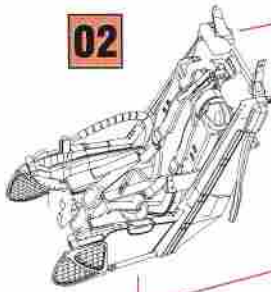


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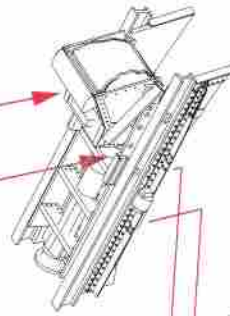
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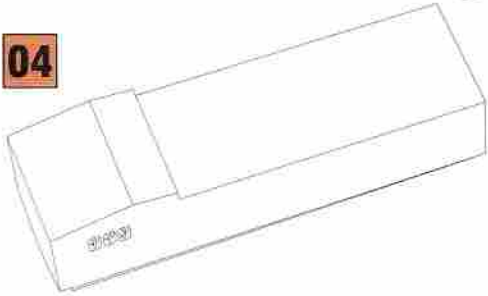
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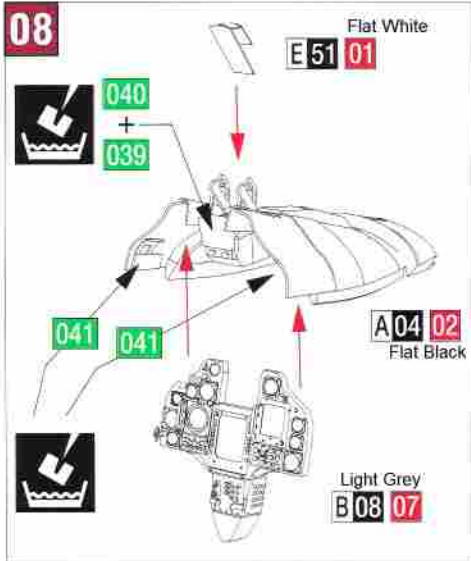


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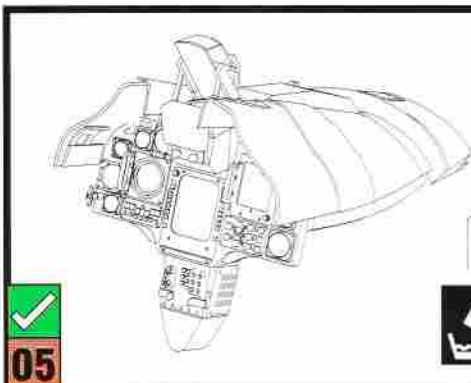
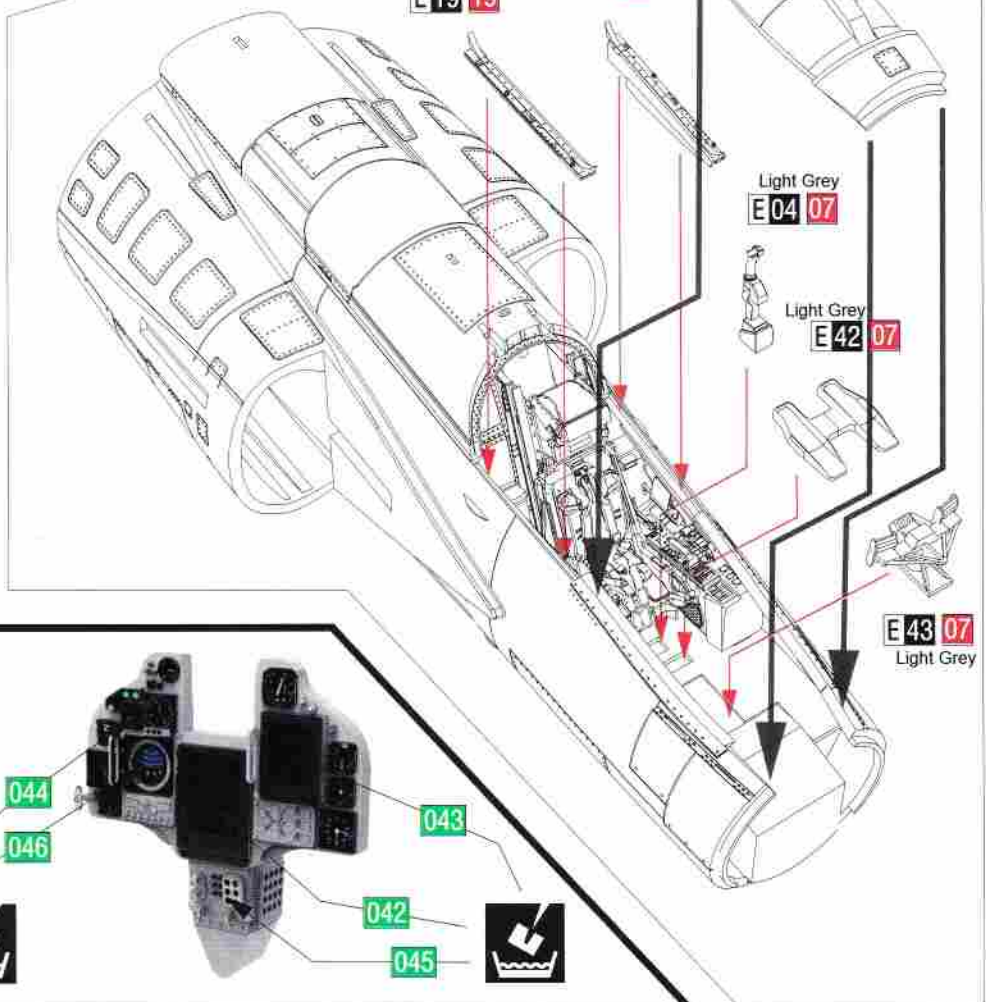
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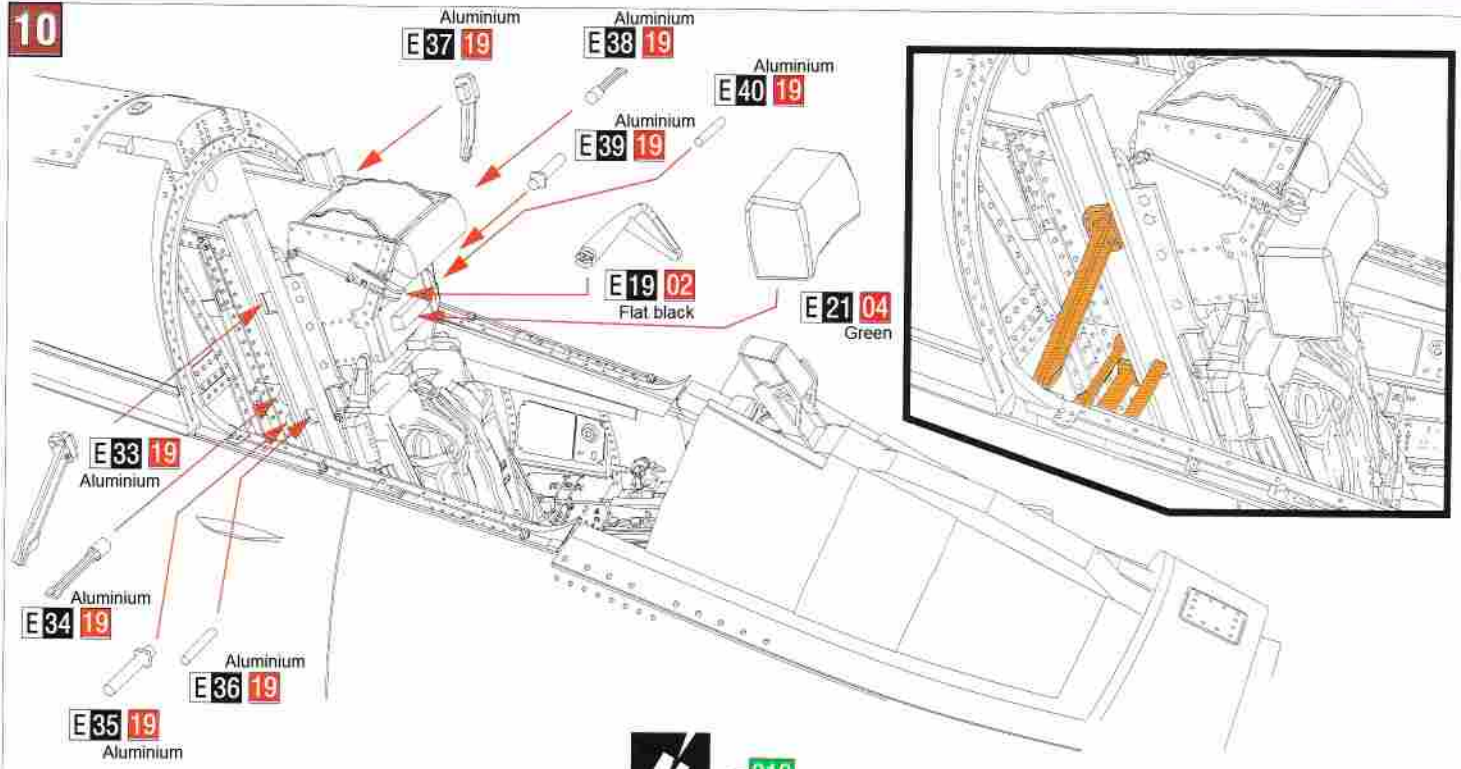
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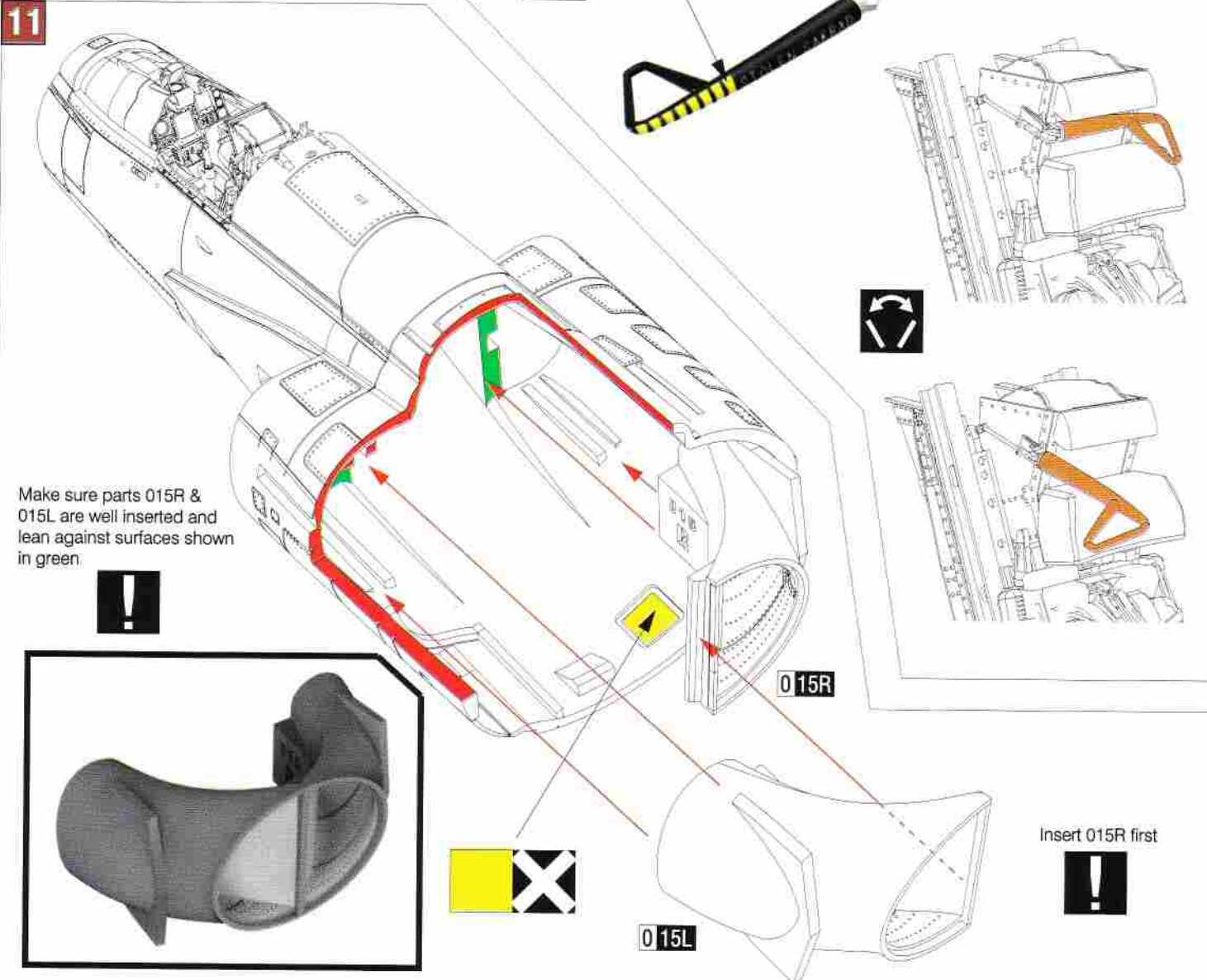
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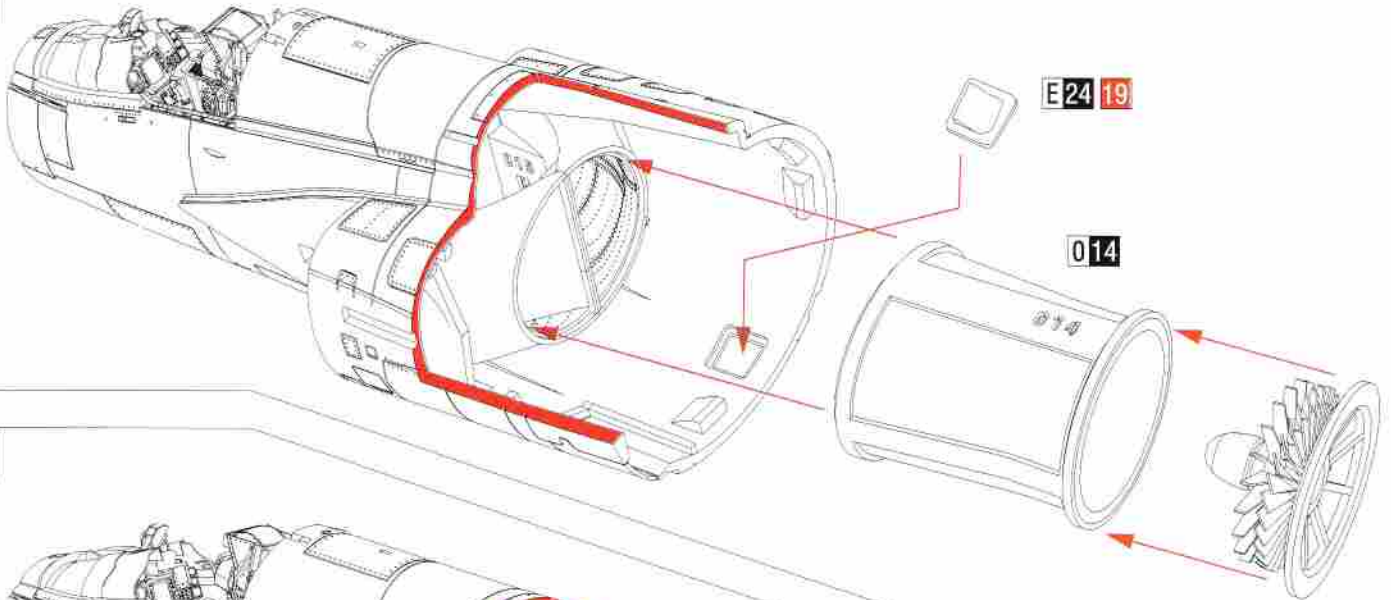
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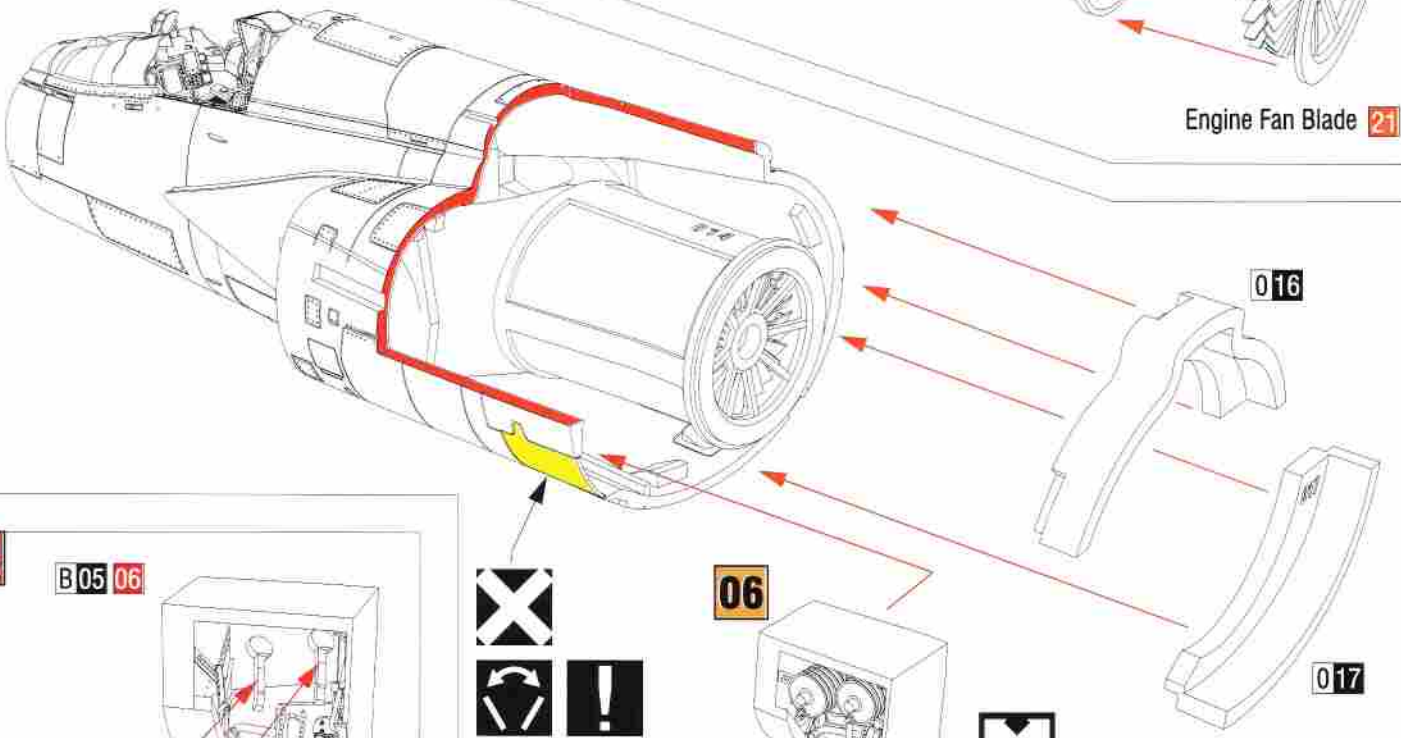
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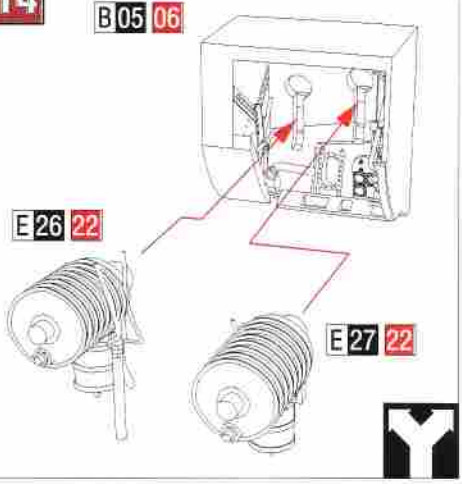
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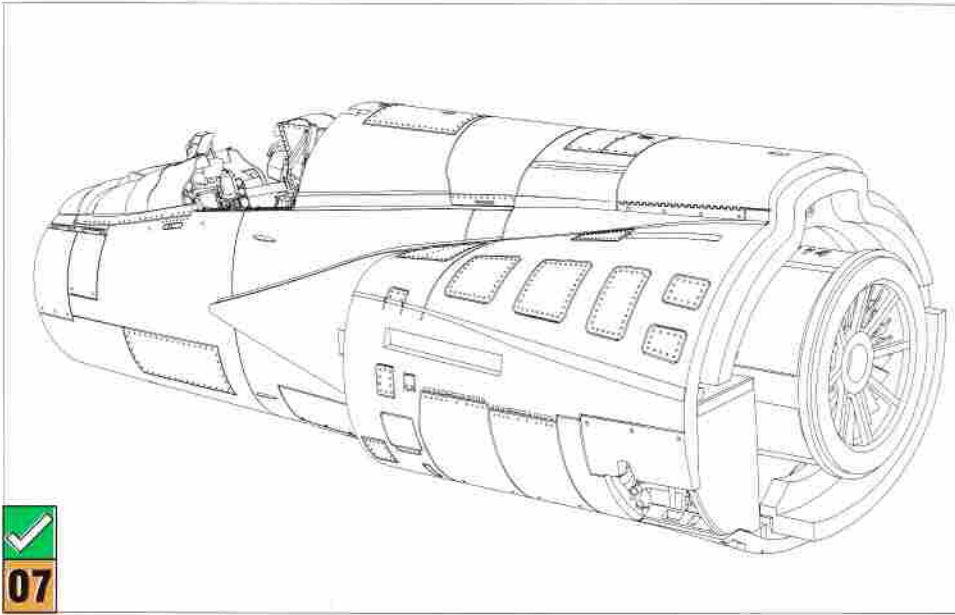
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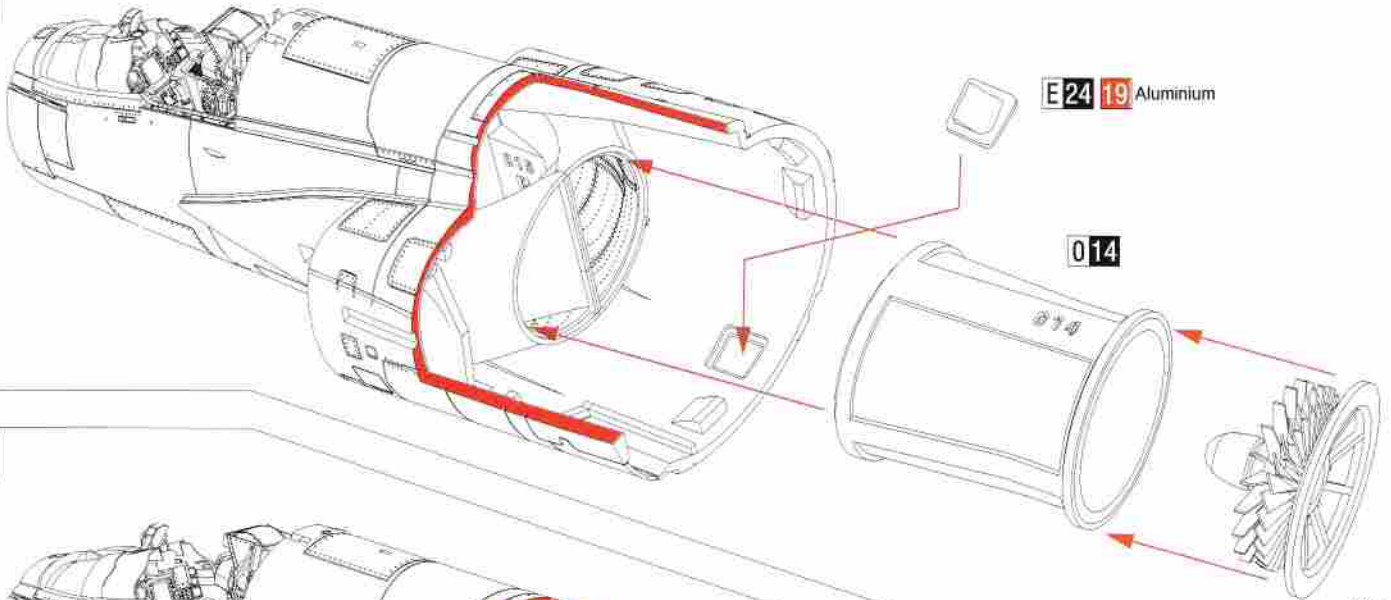
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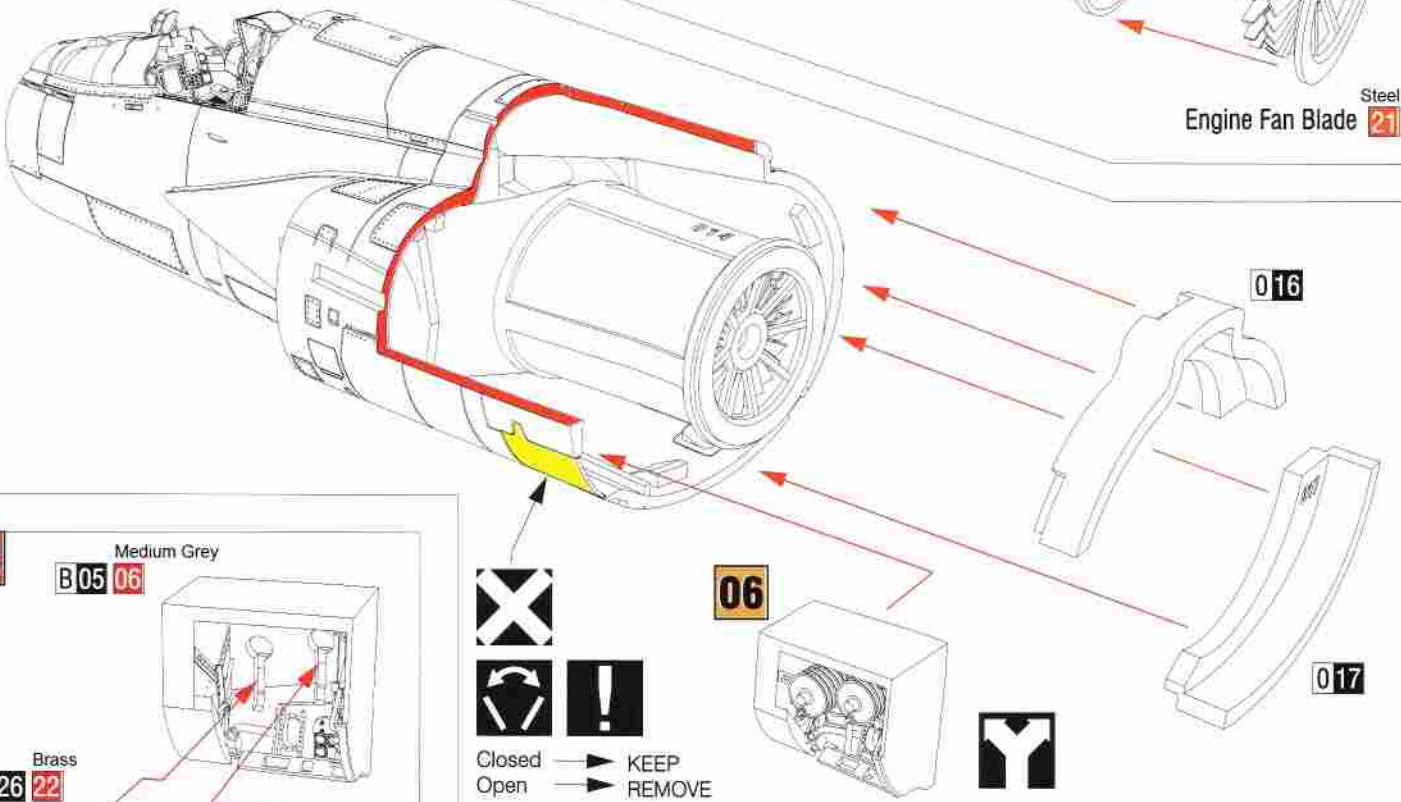
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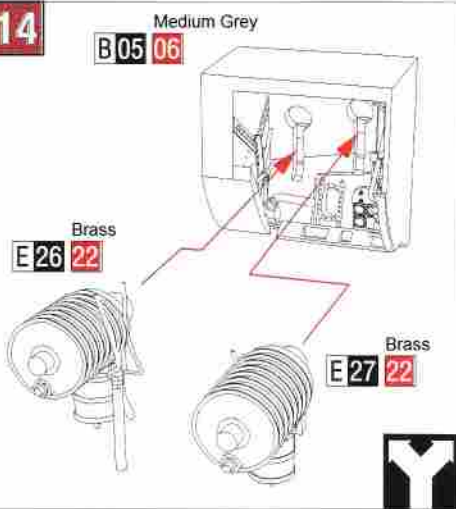
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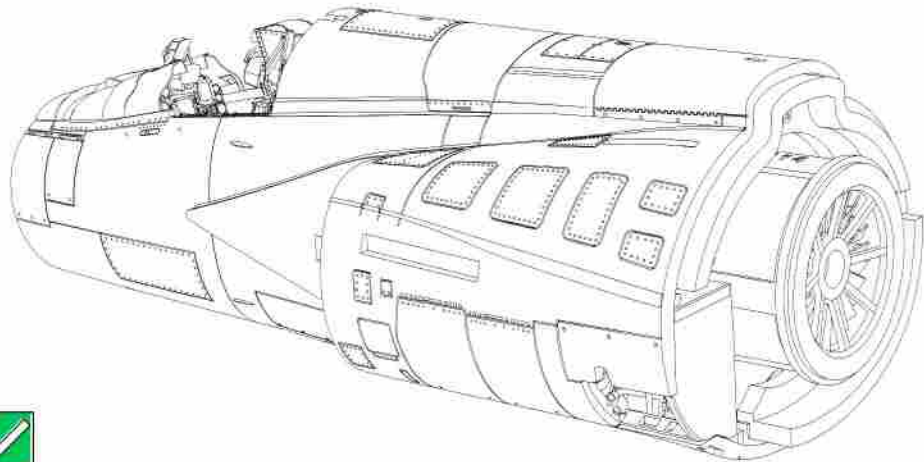
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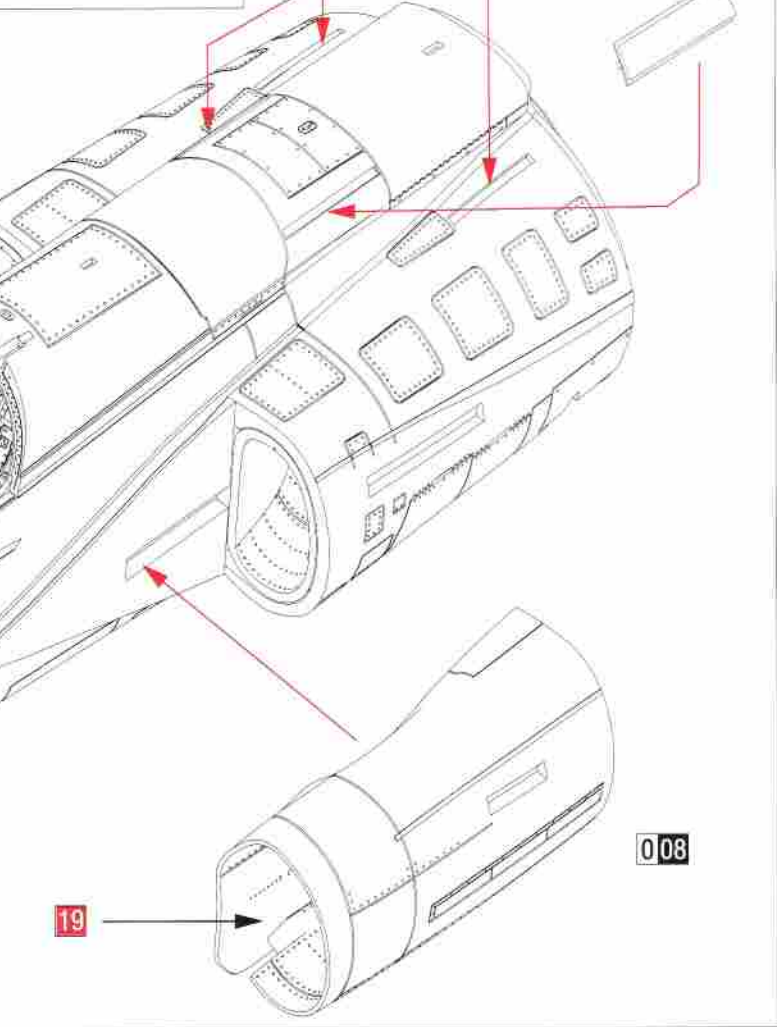
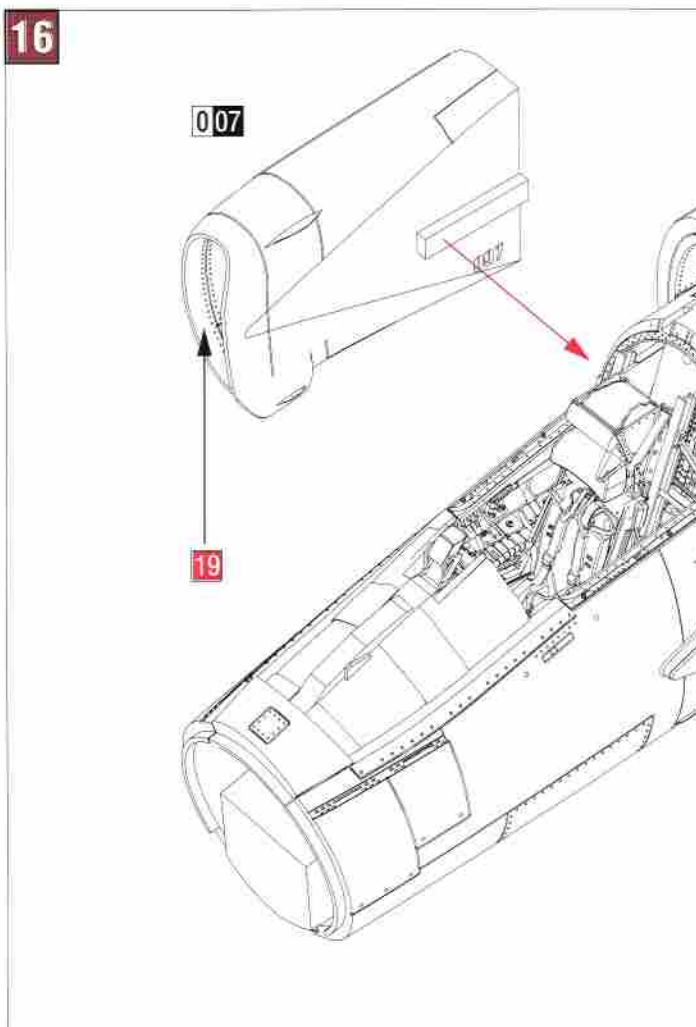
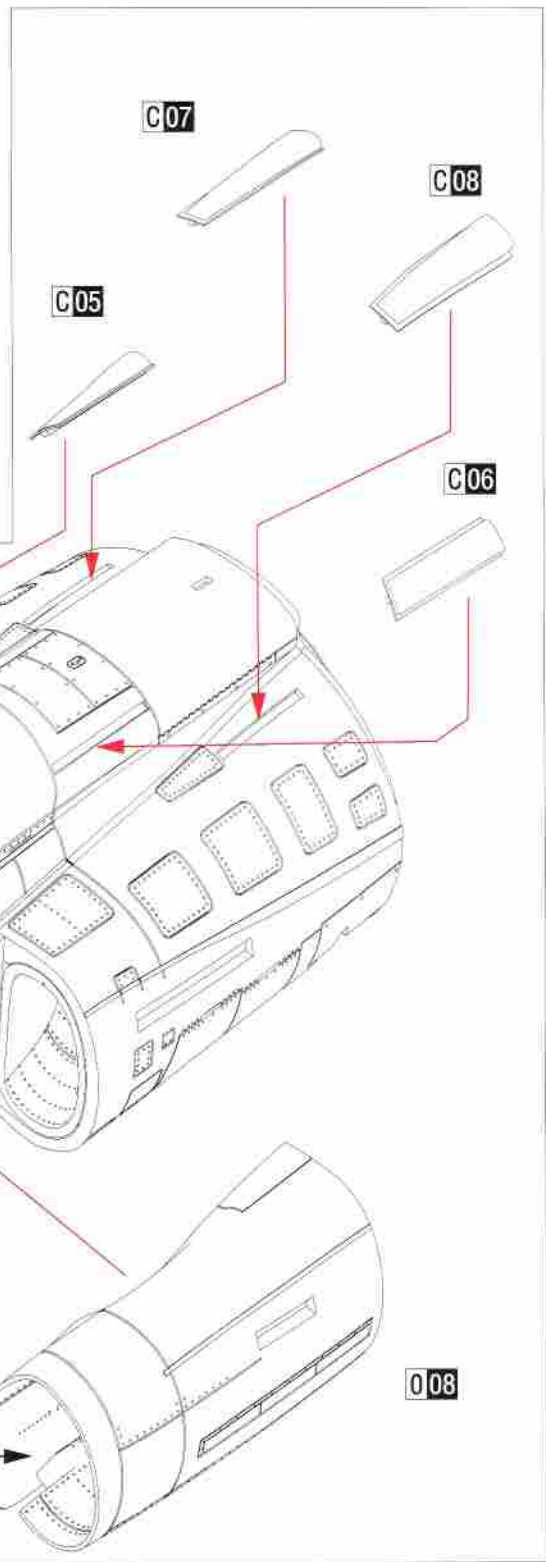
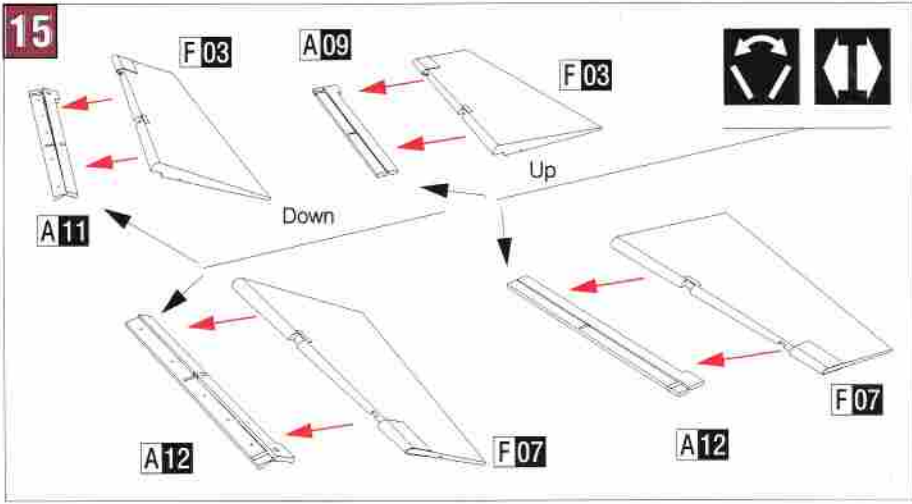
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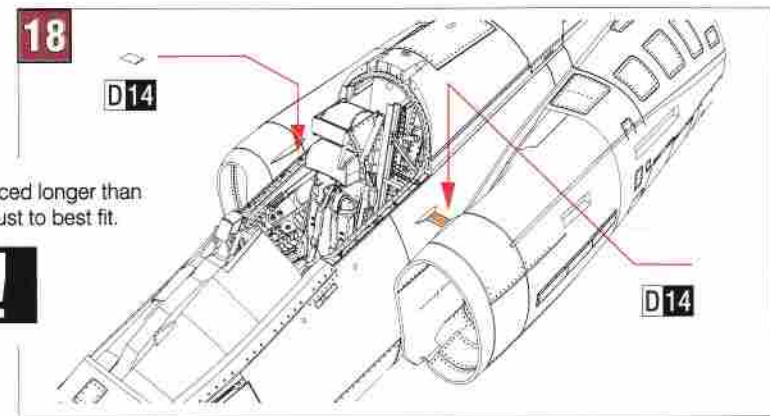
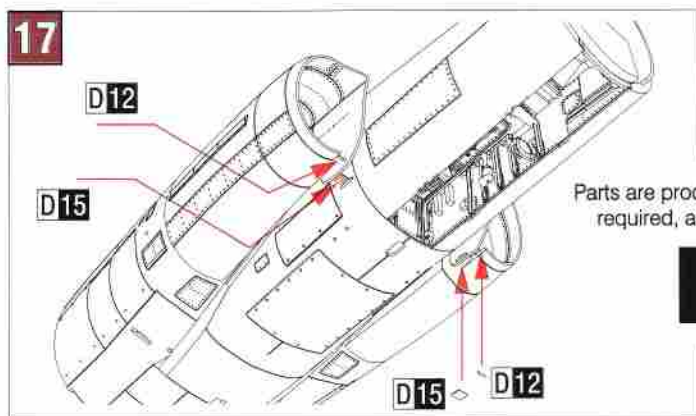
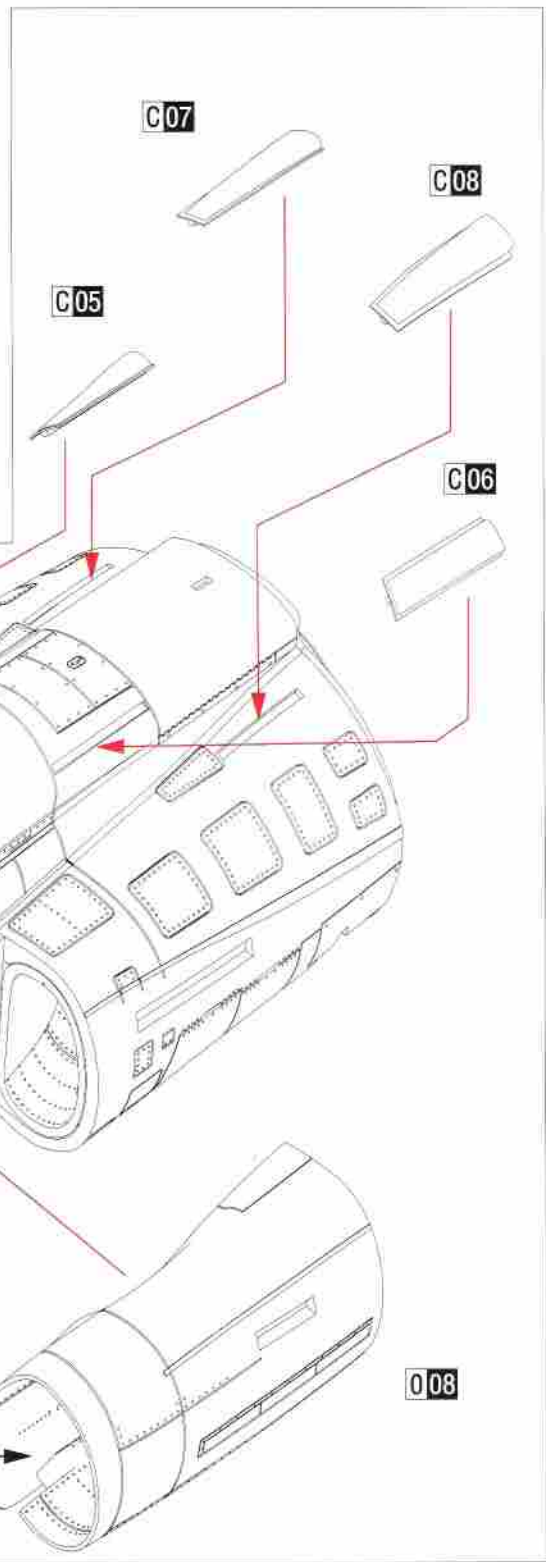
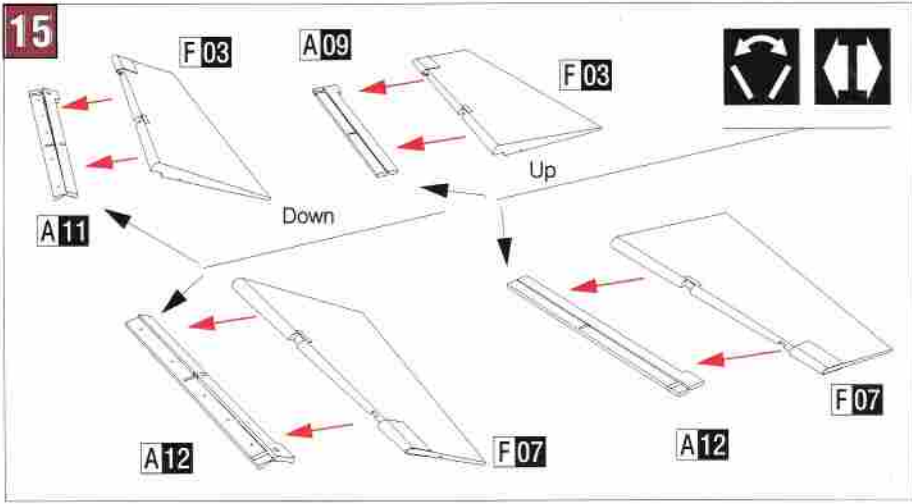
8 Canard Flaps & Jet Intakes Assembly



Parts are produced longer than required, adjust to best fit.

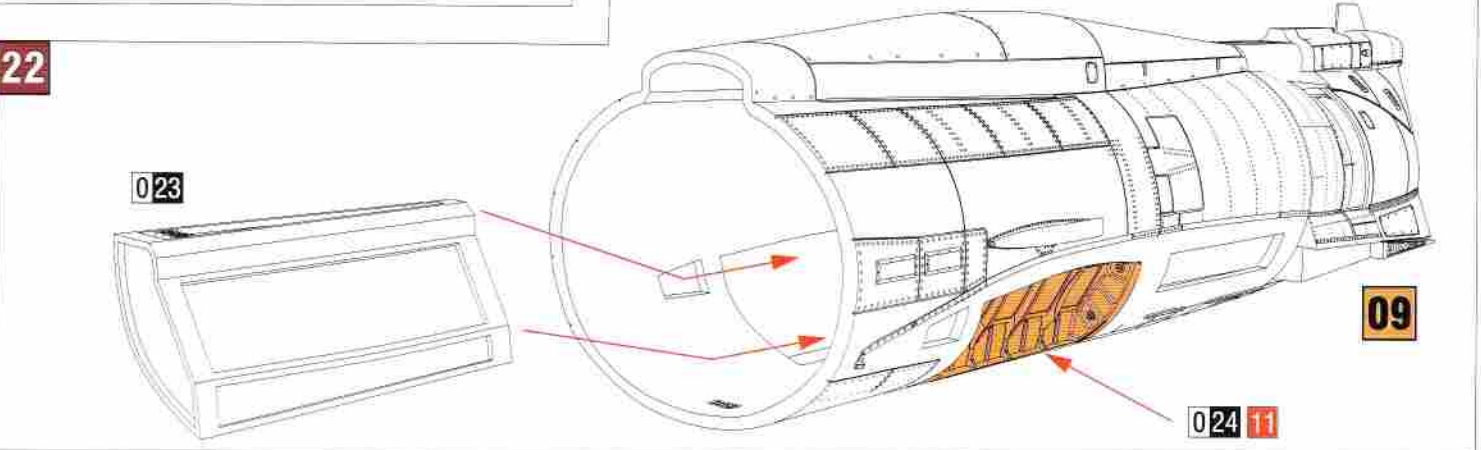
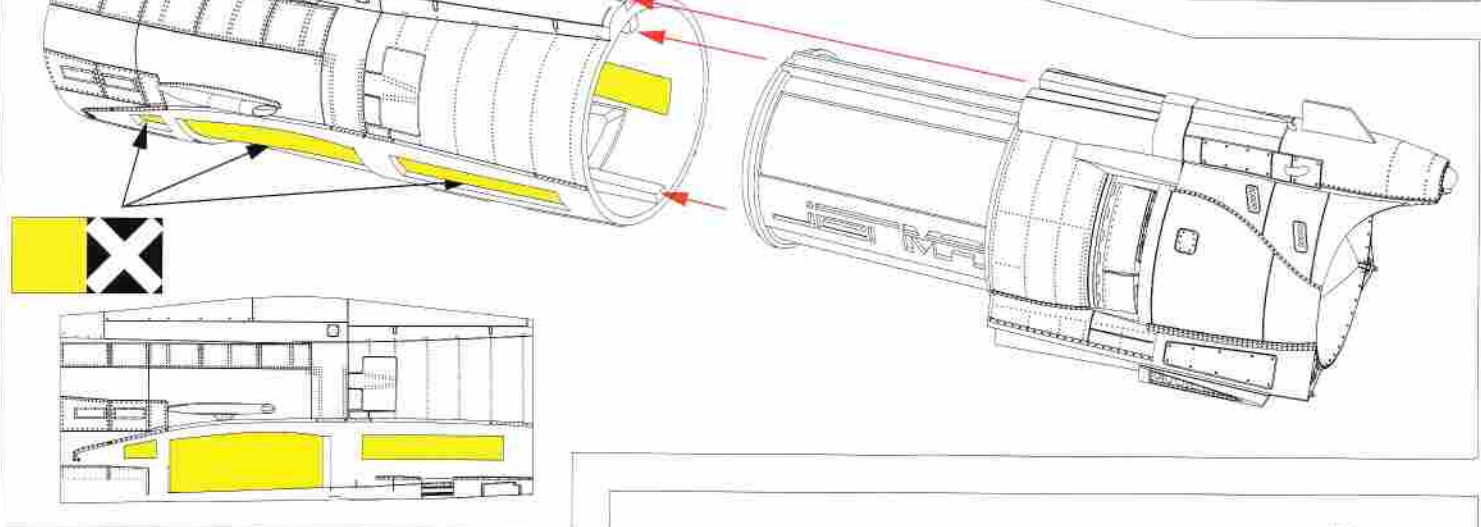
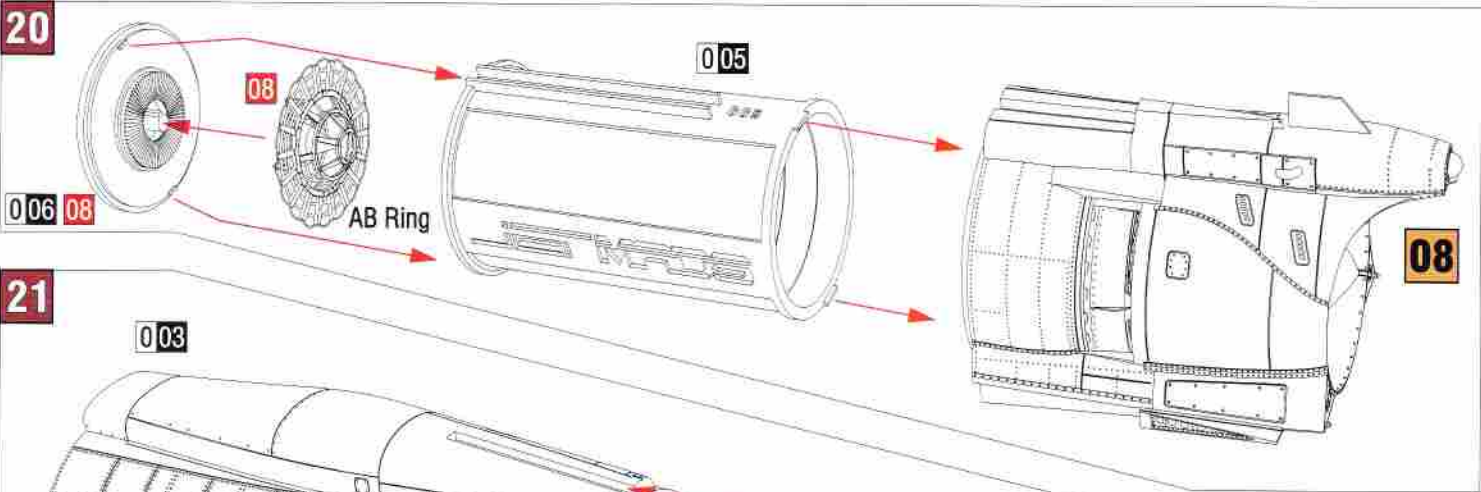
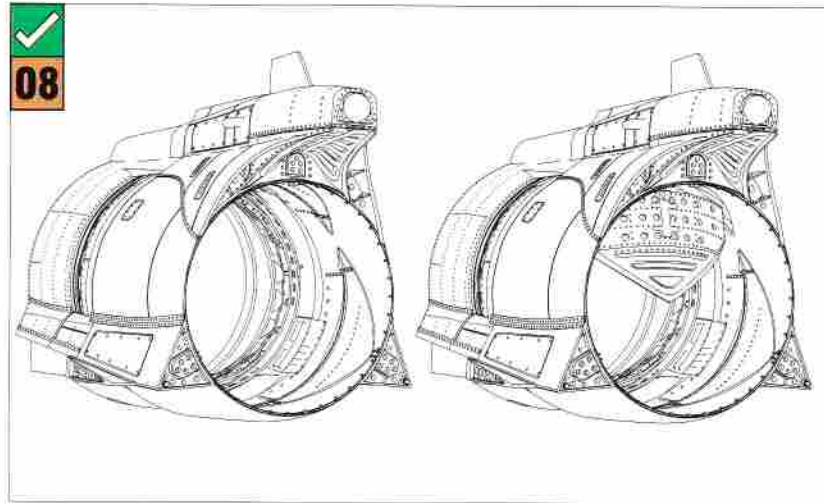
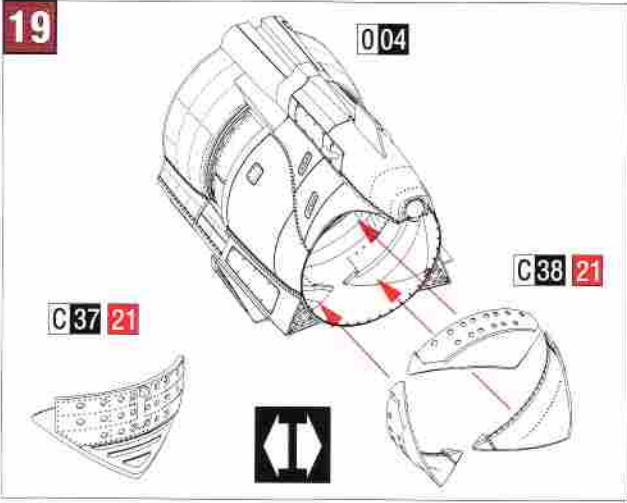


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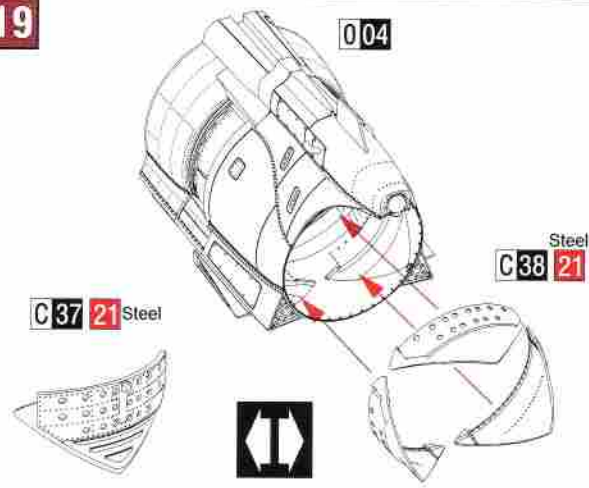
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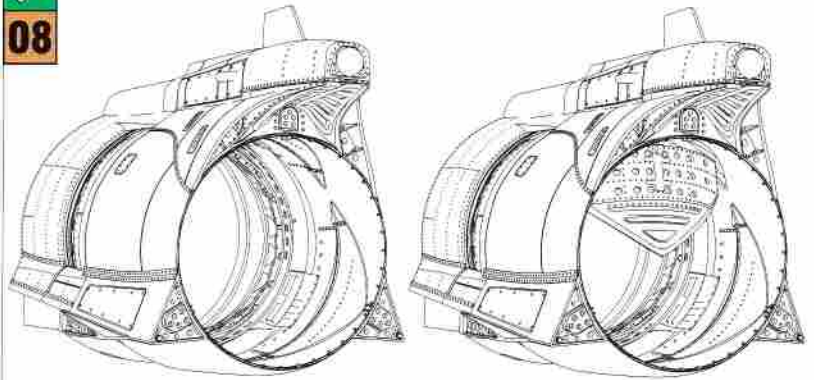
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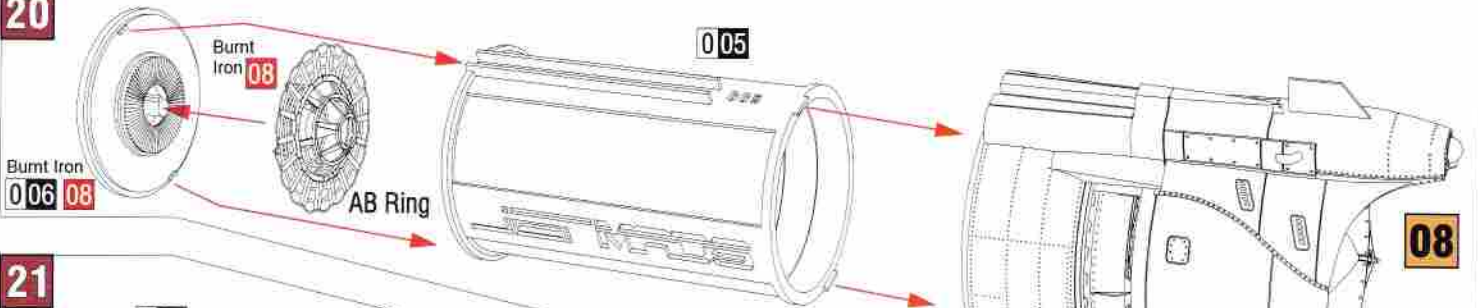
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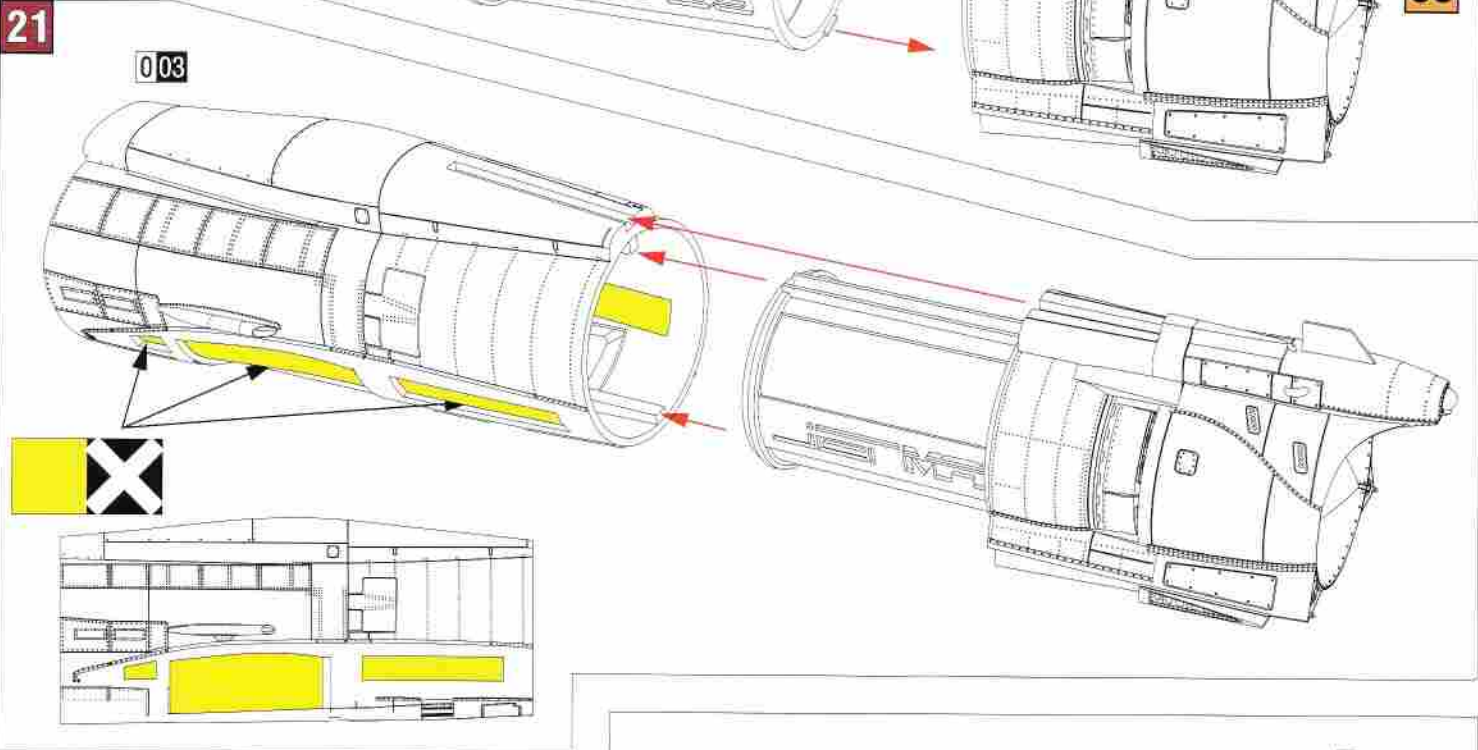
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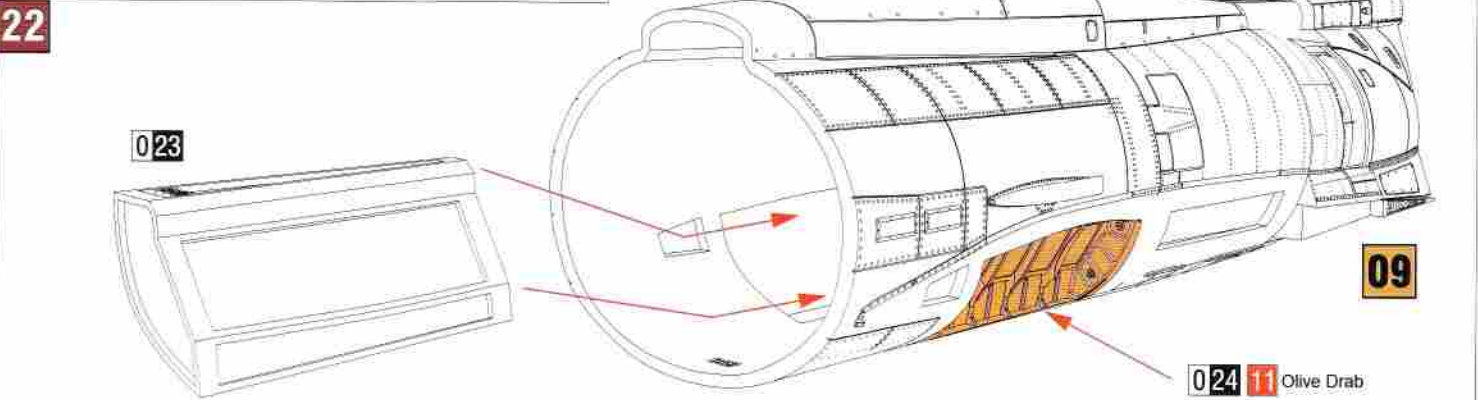
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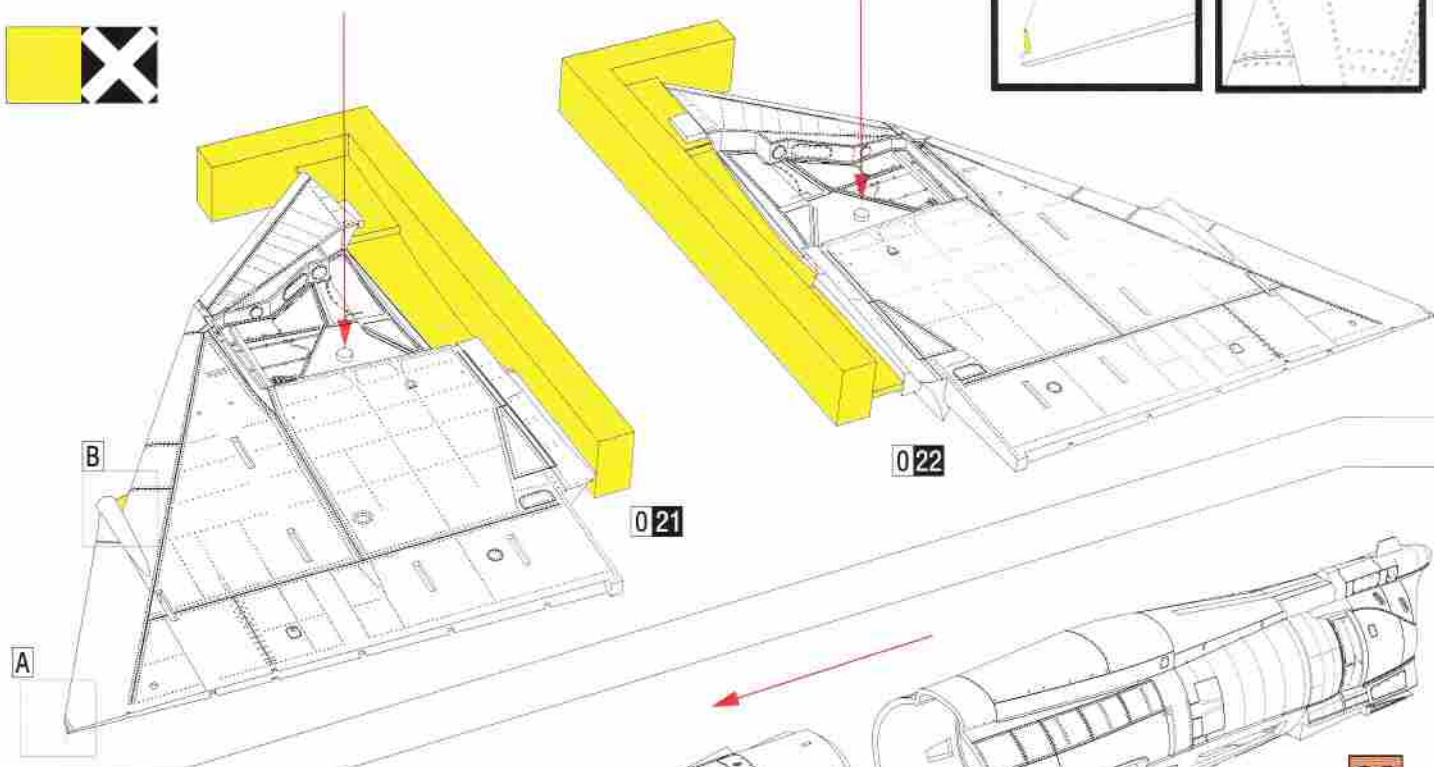
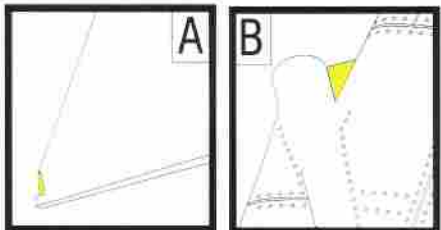


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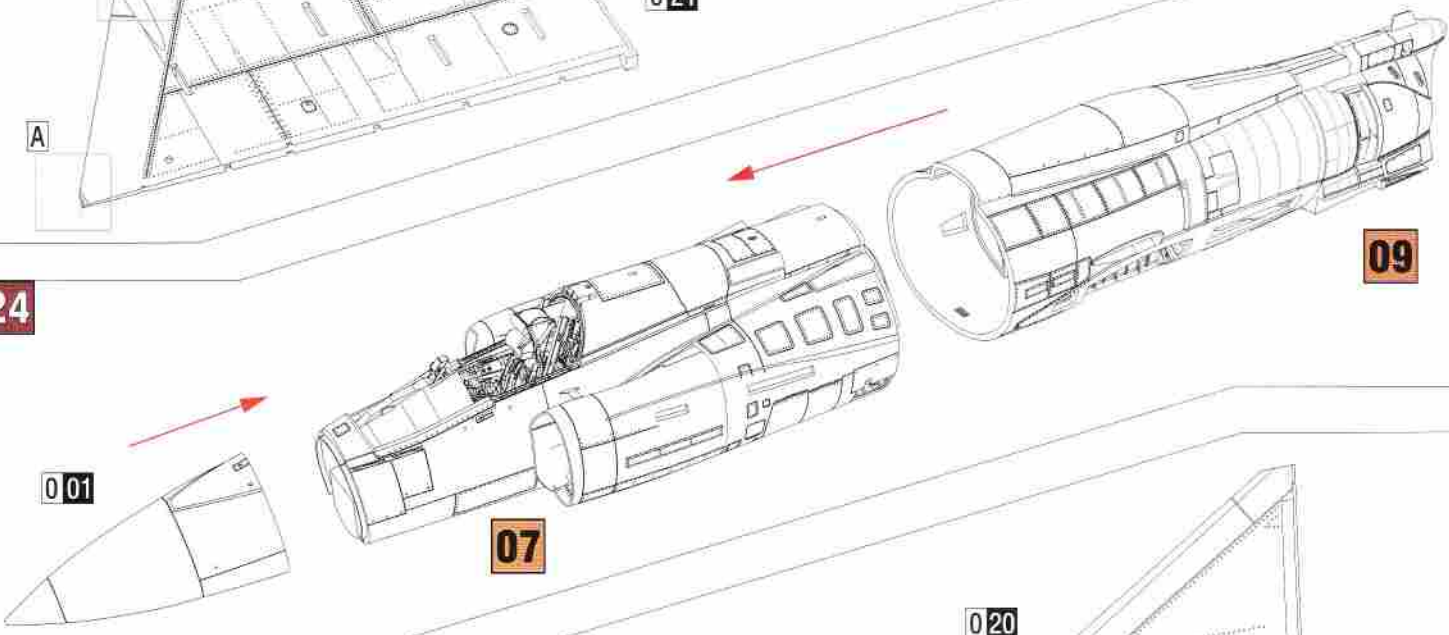


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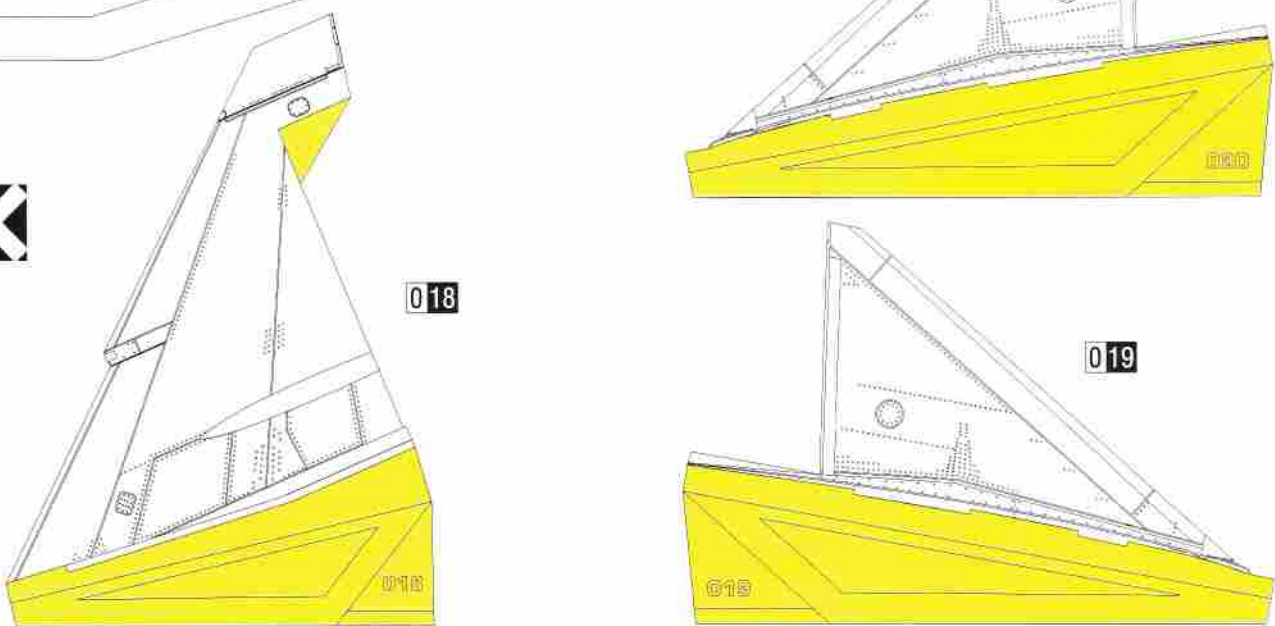
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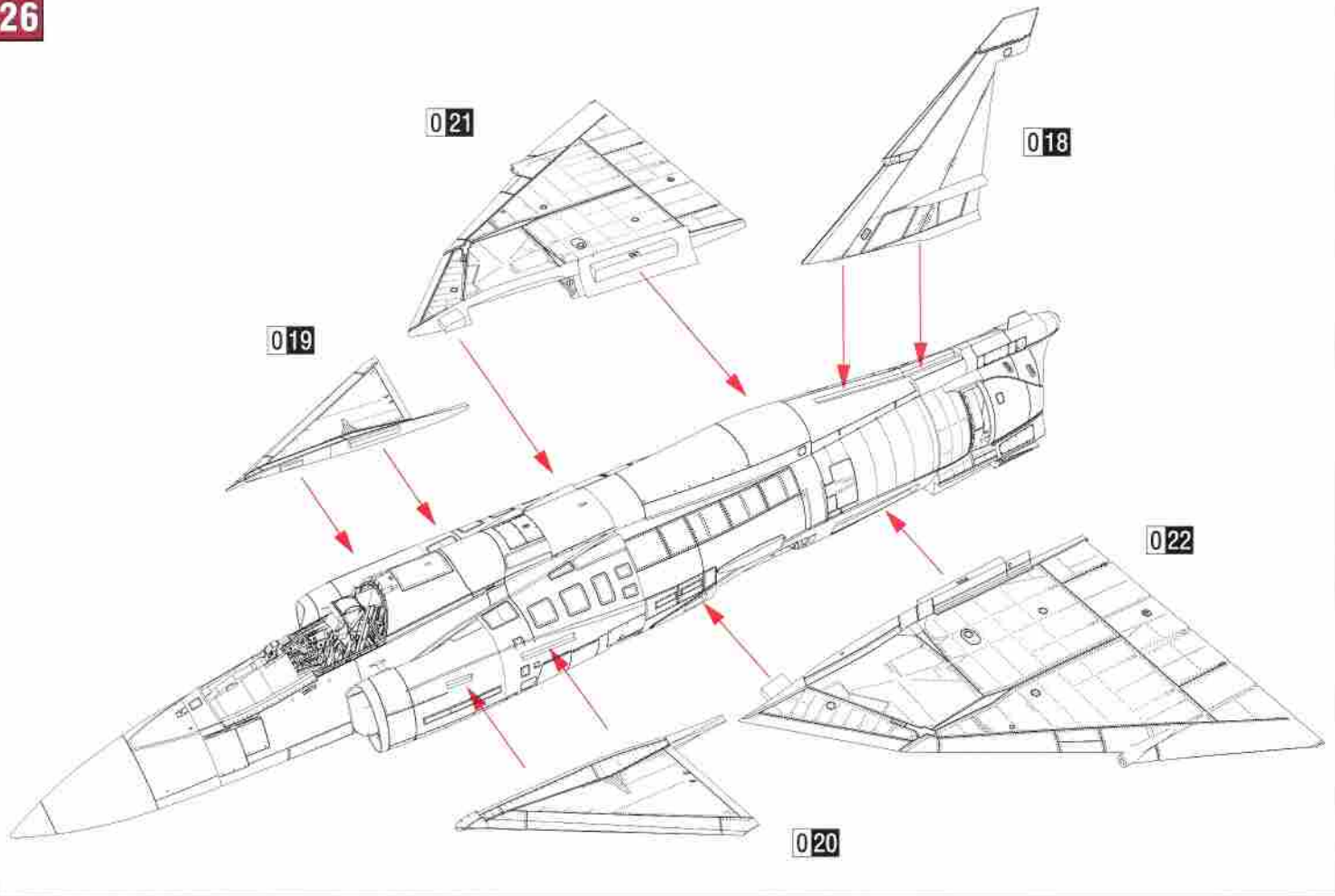
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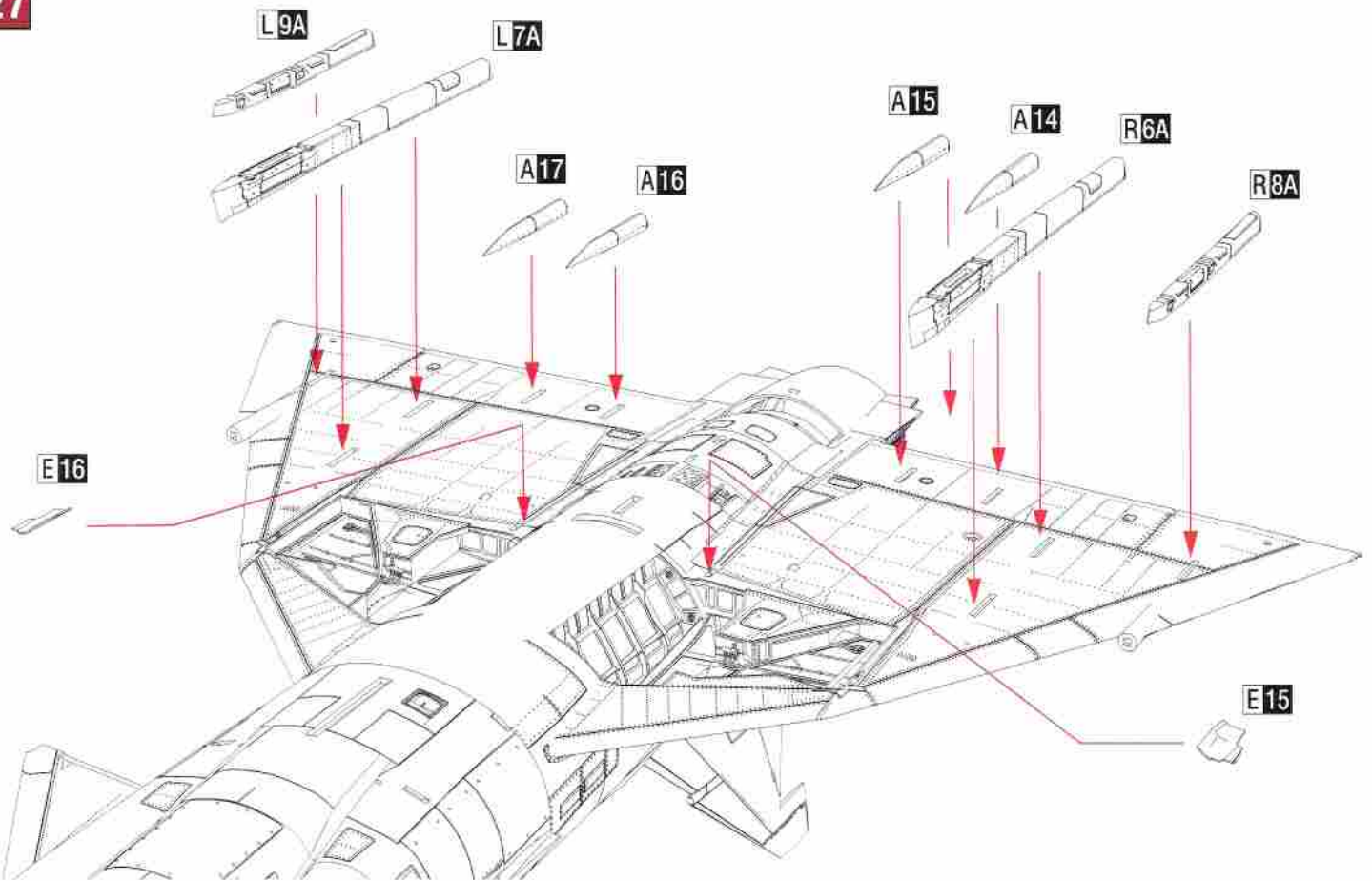
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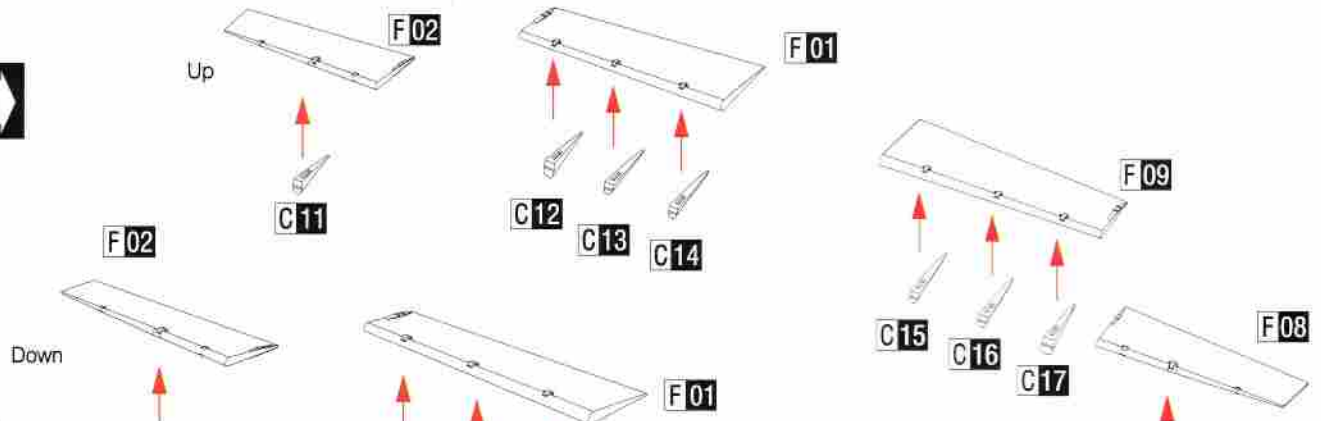
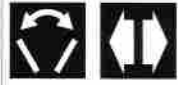


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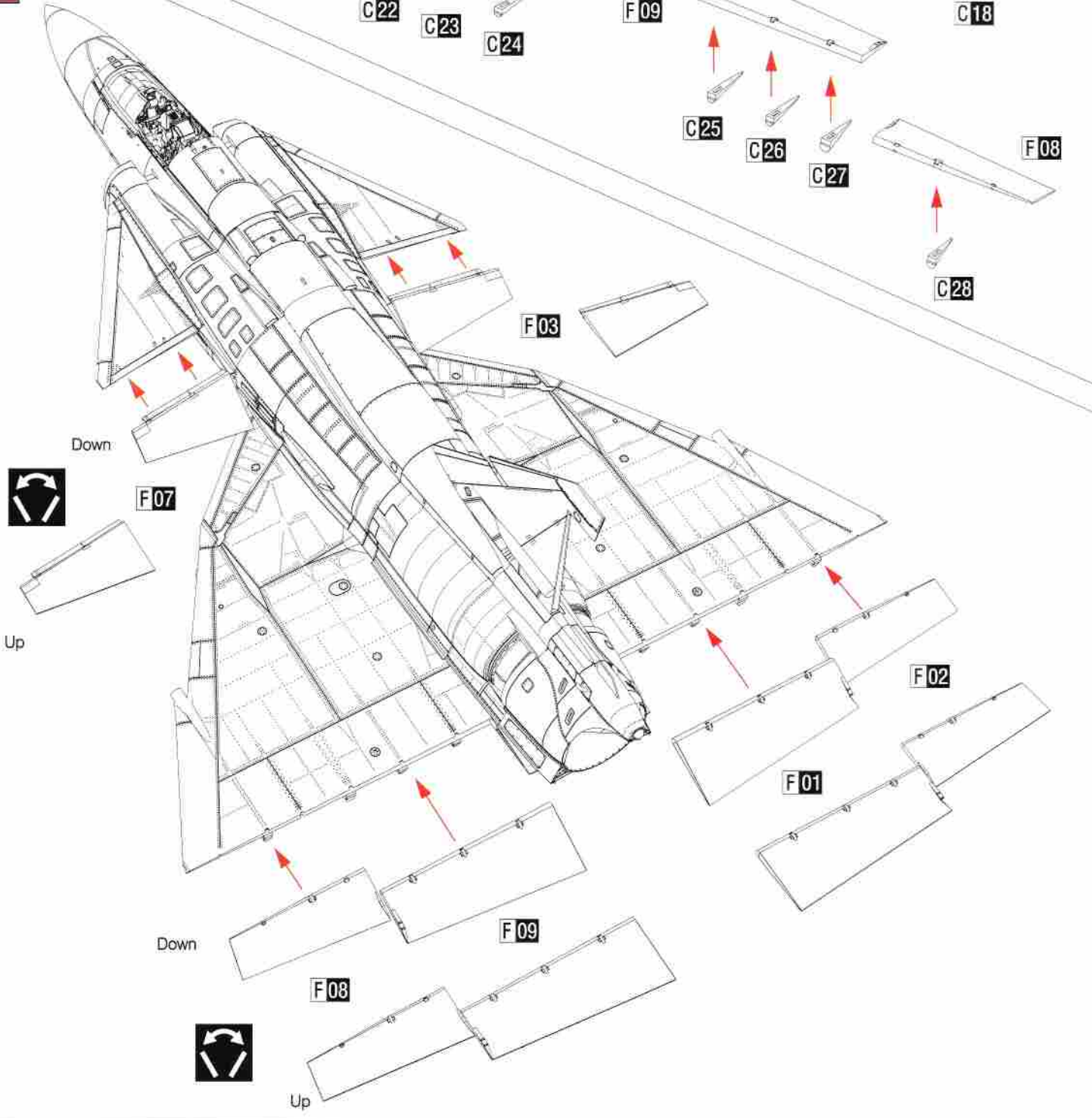


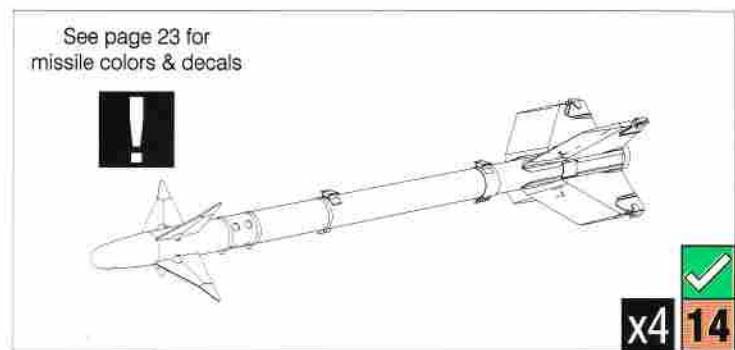
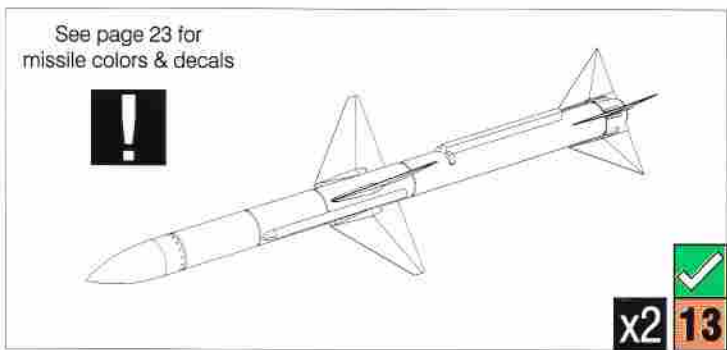
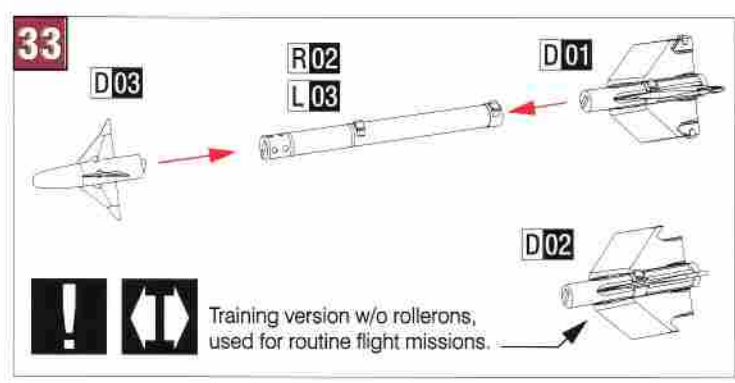
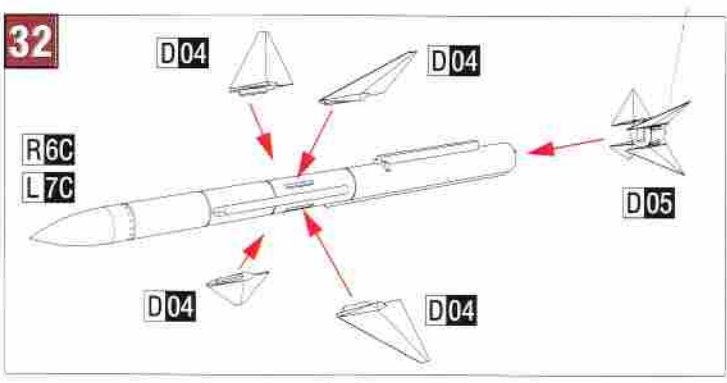
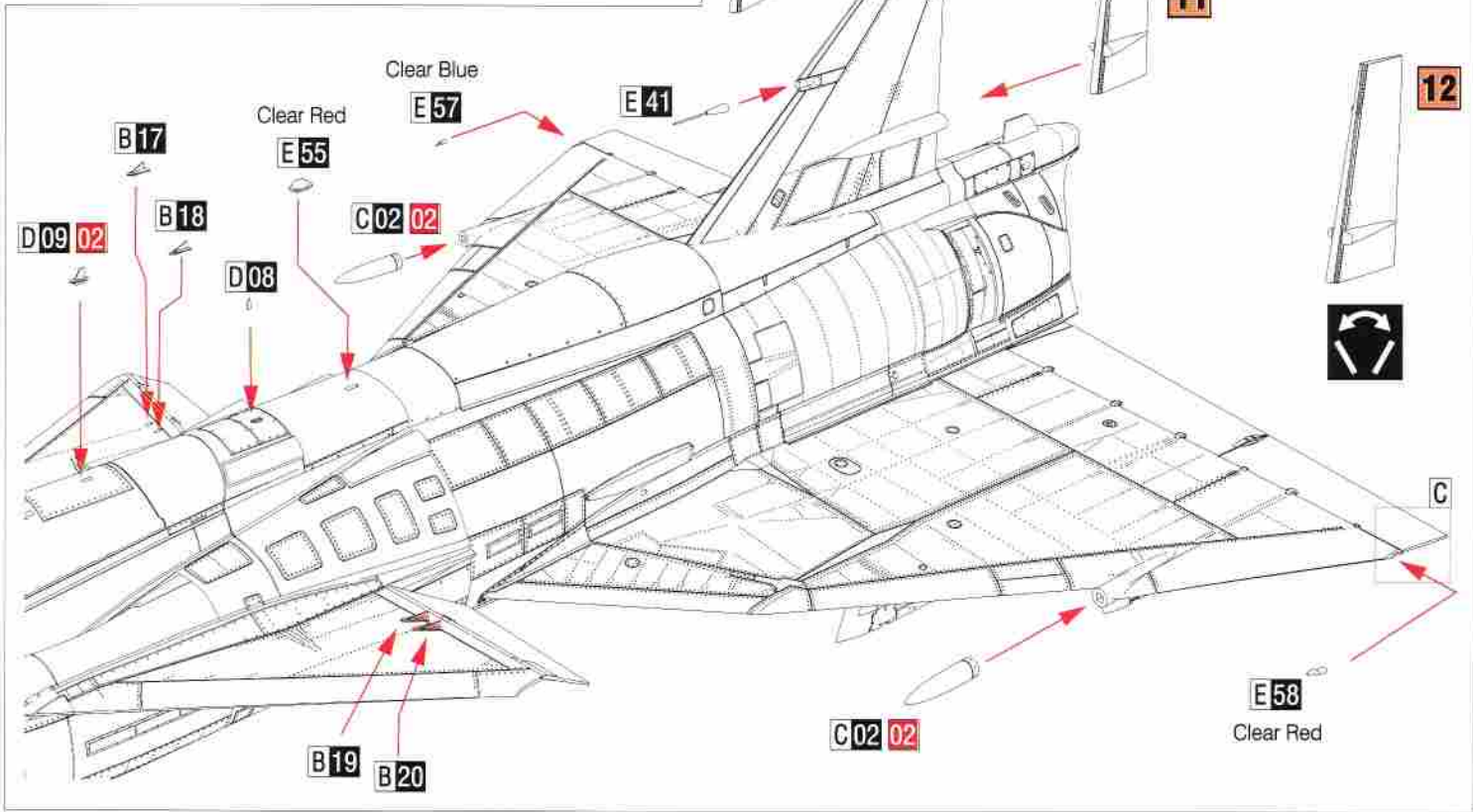
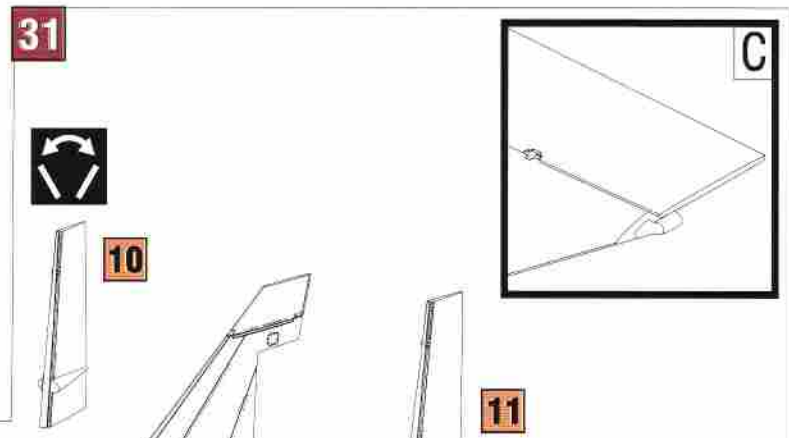
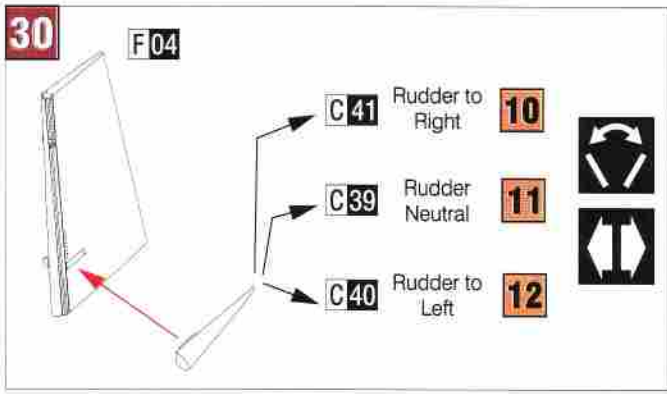
12 Elevons & Canard Flaps Assembly

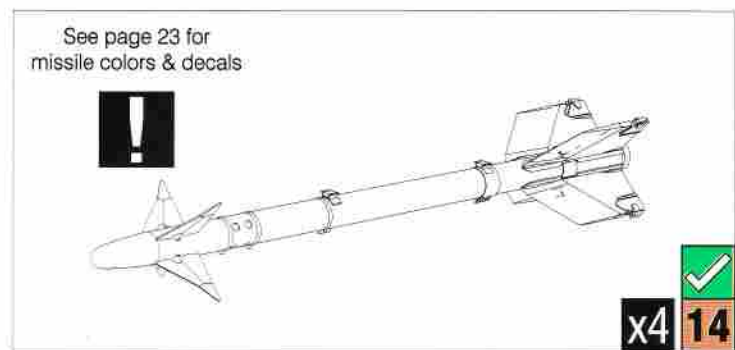
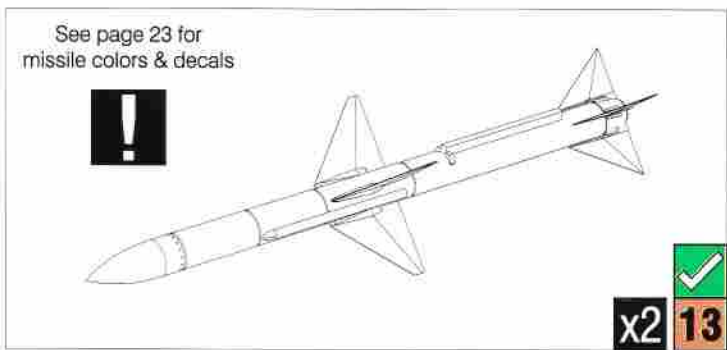
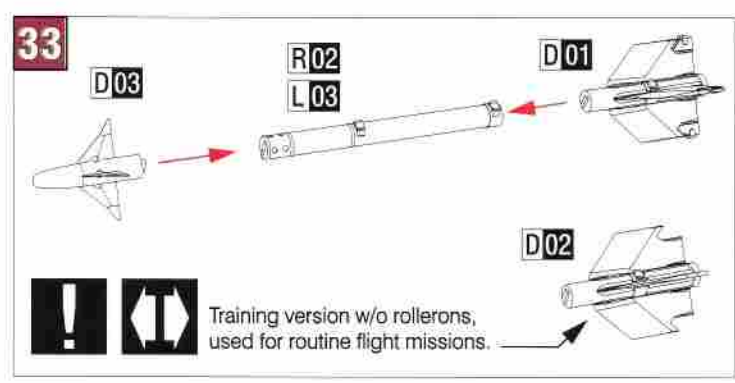
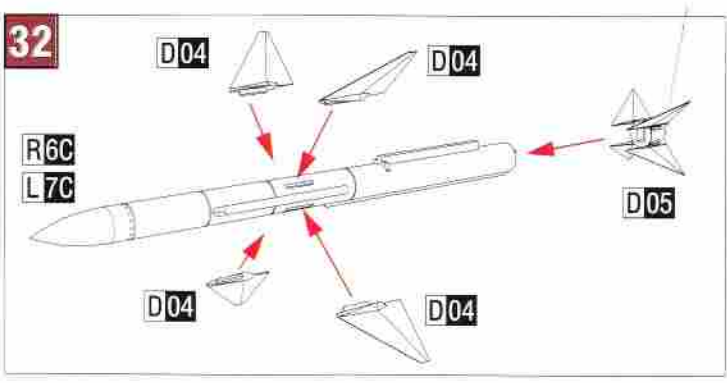
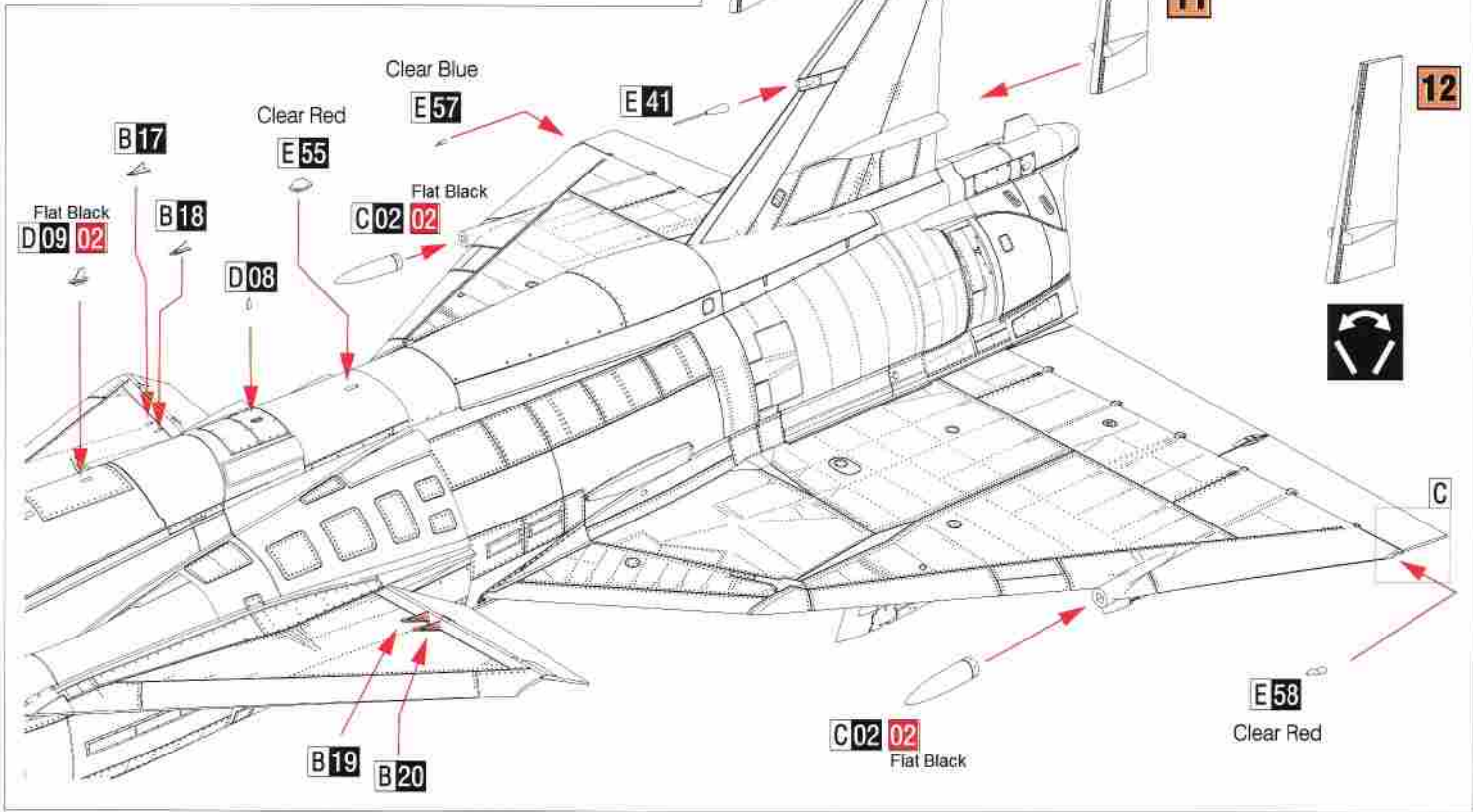
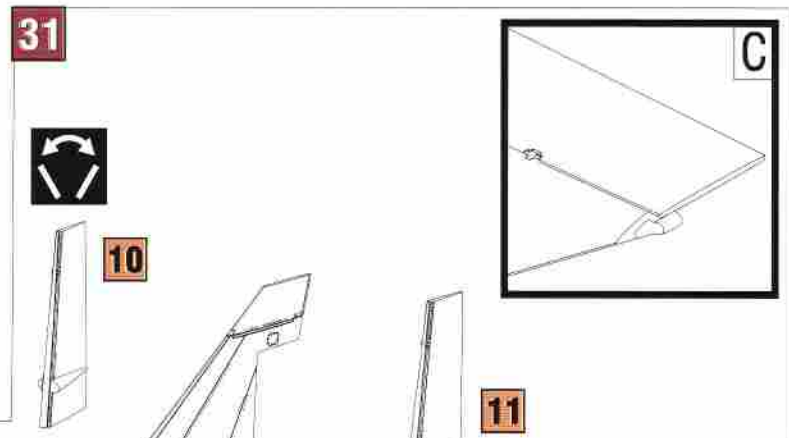
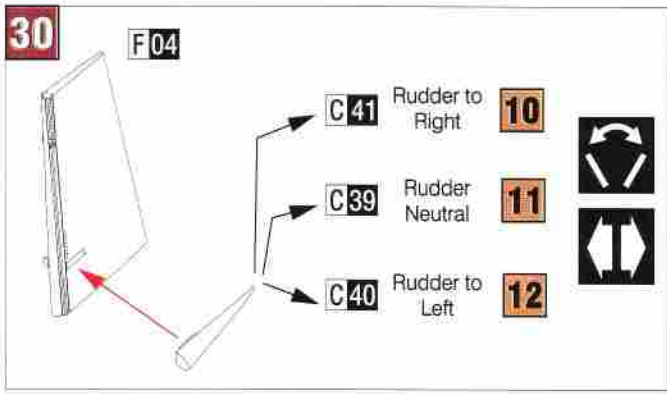
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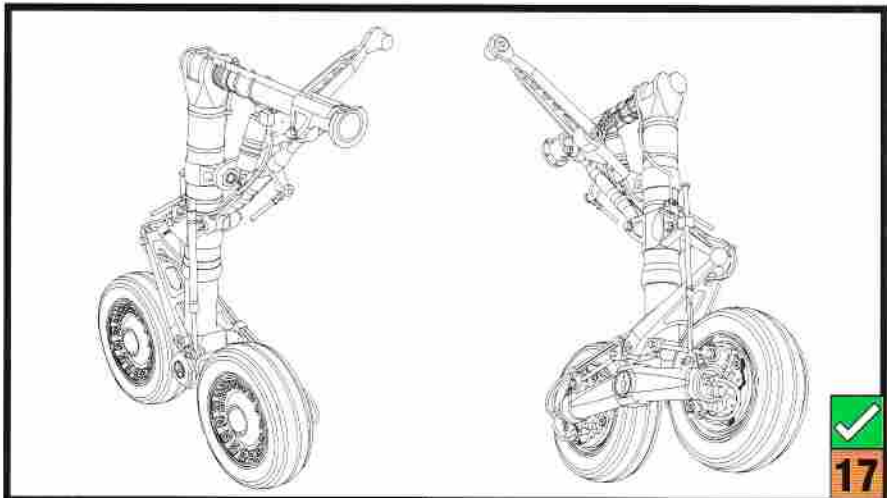
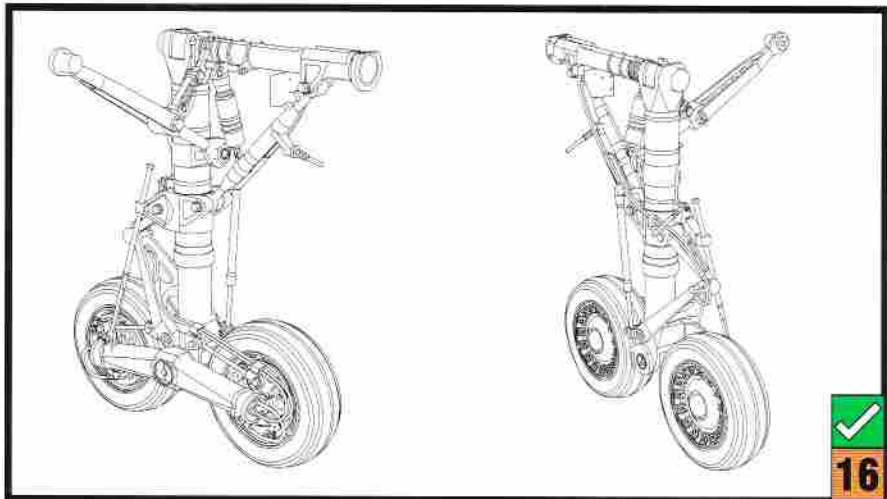
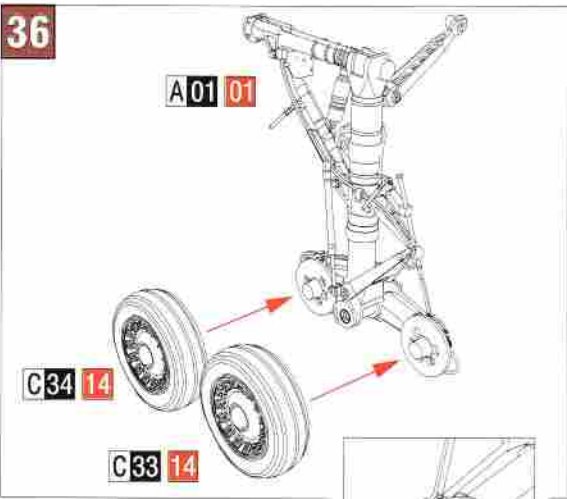
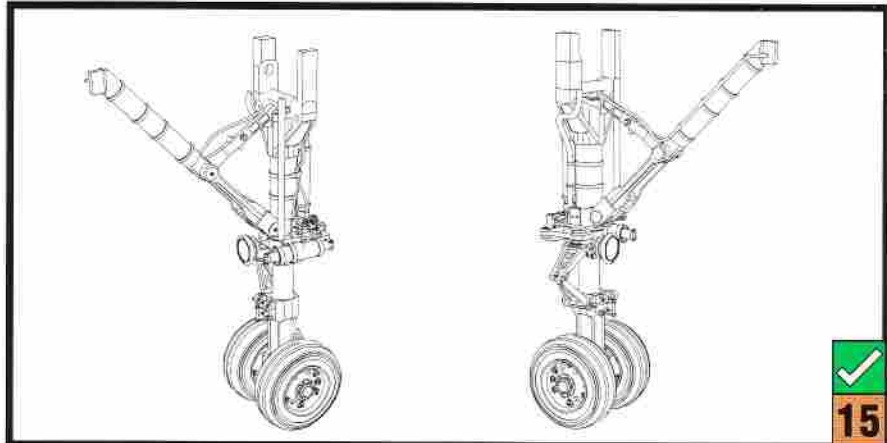
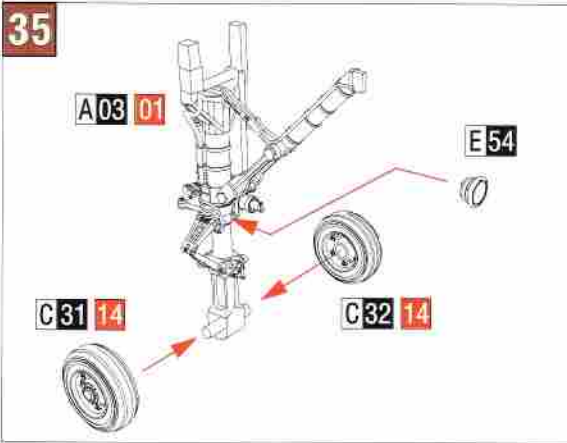
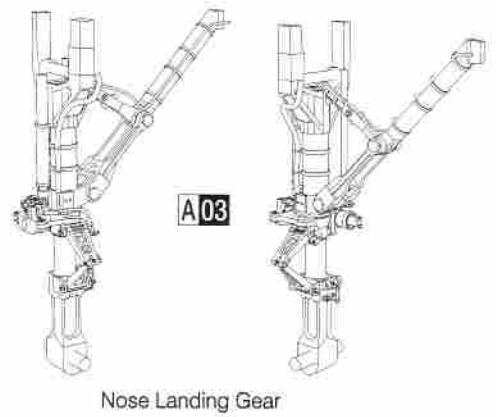
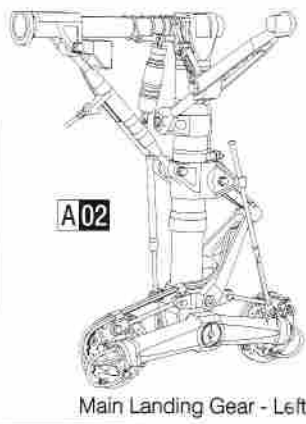
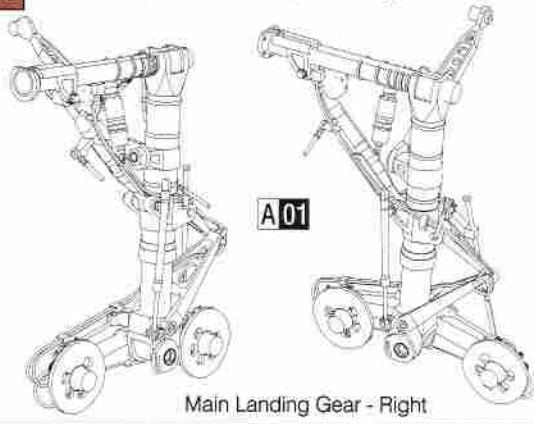






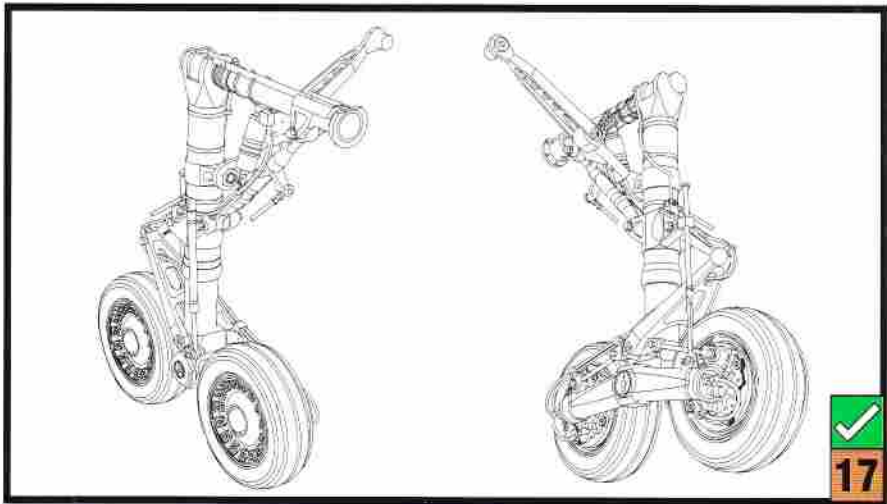
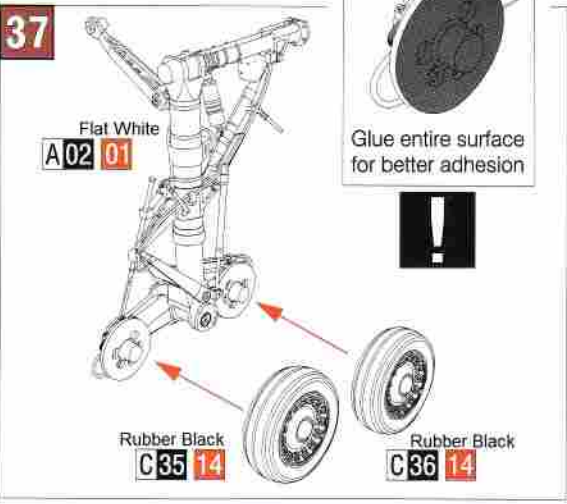
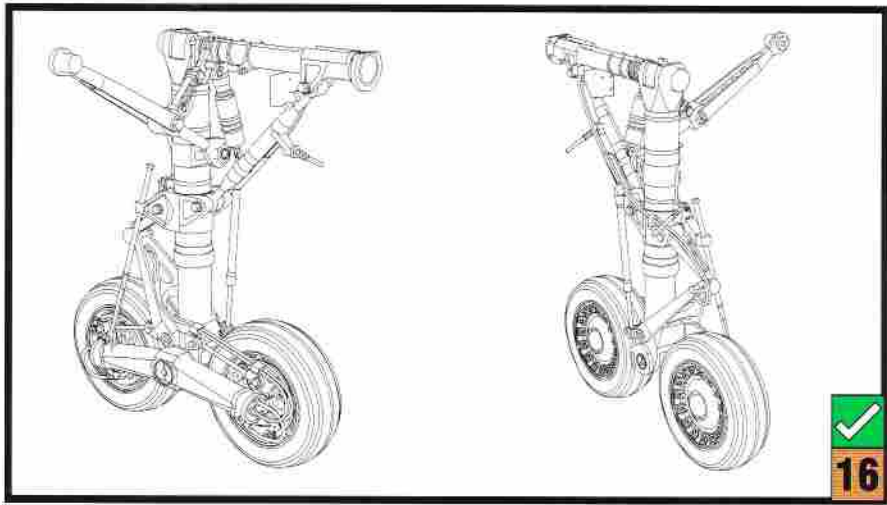
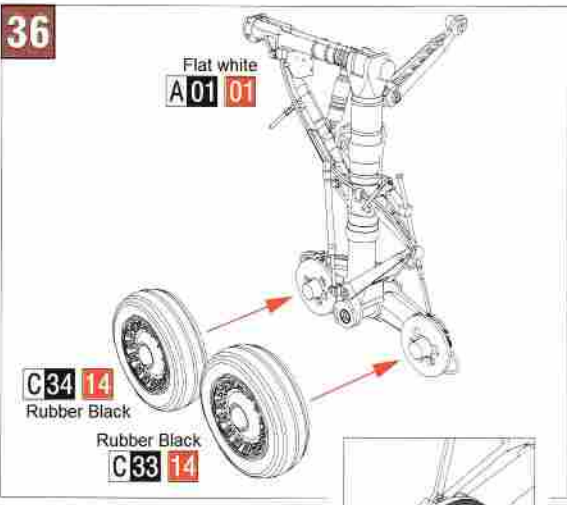
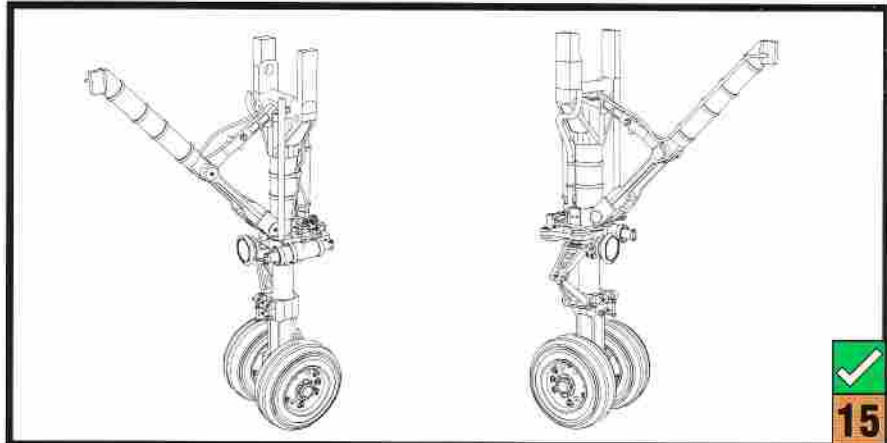
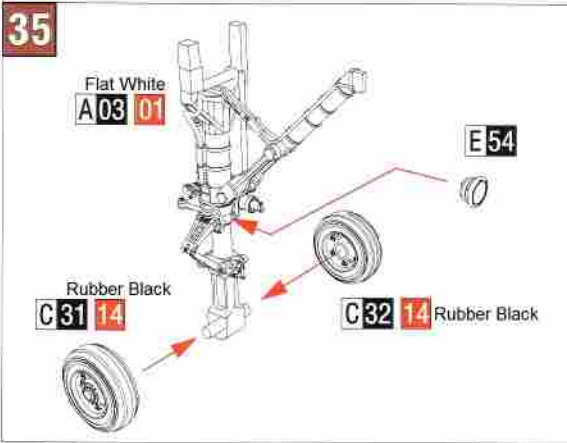
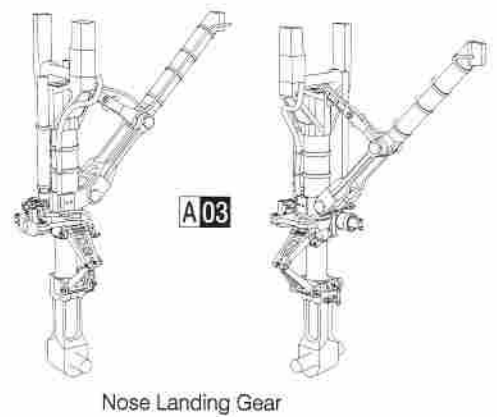
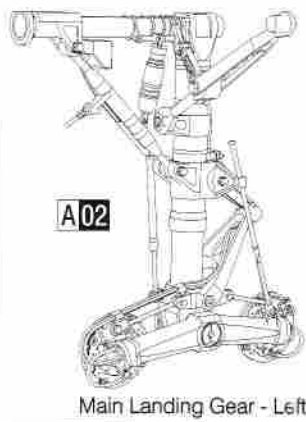
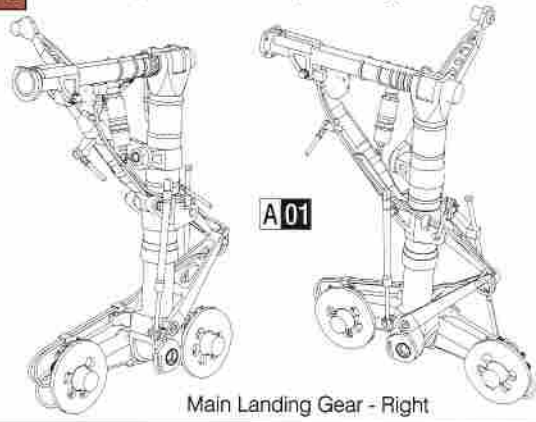
14 Landing Gear Assembly

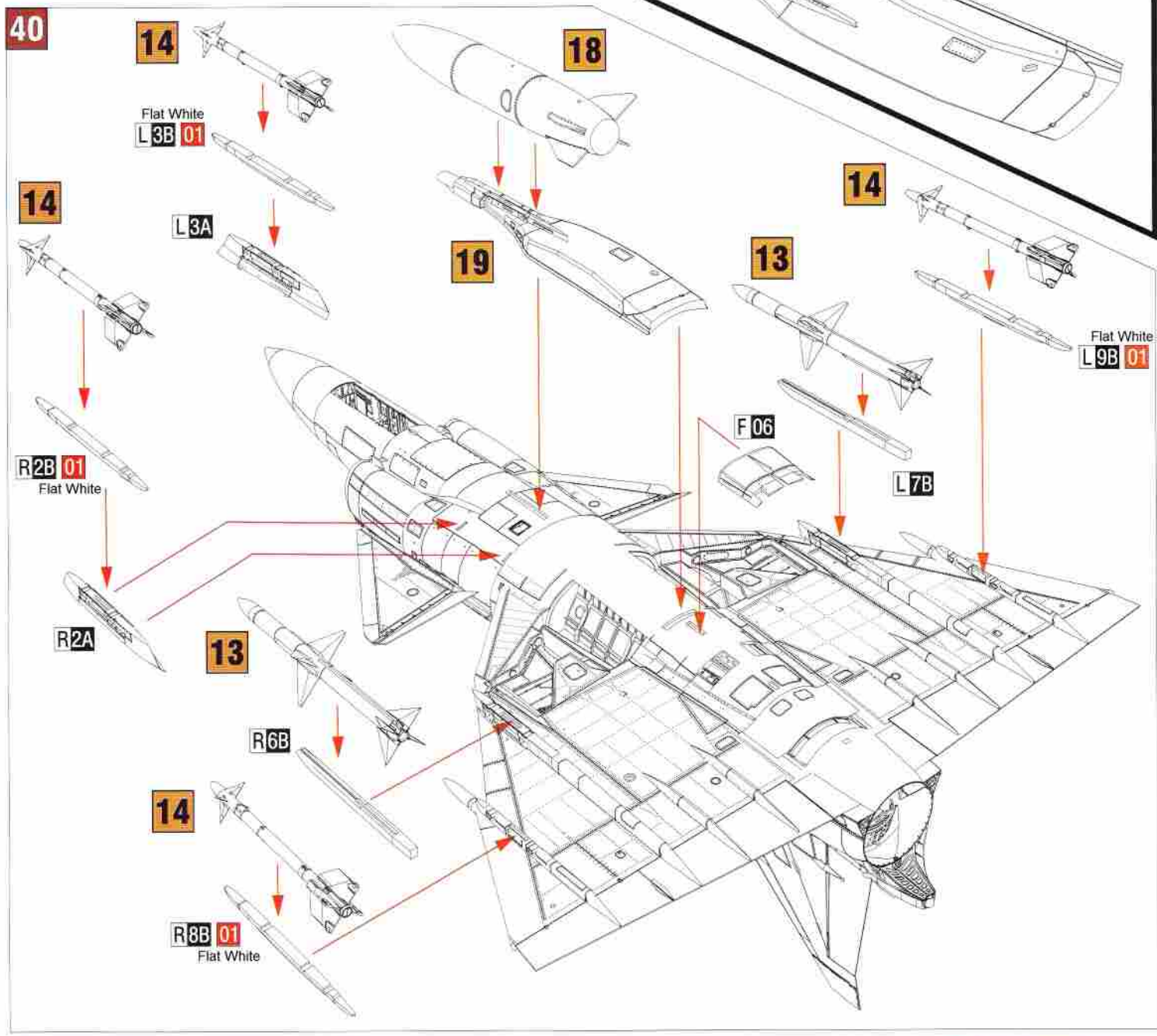
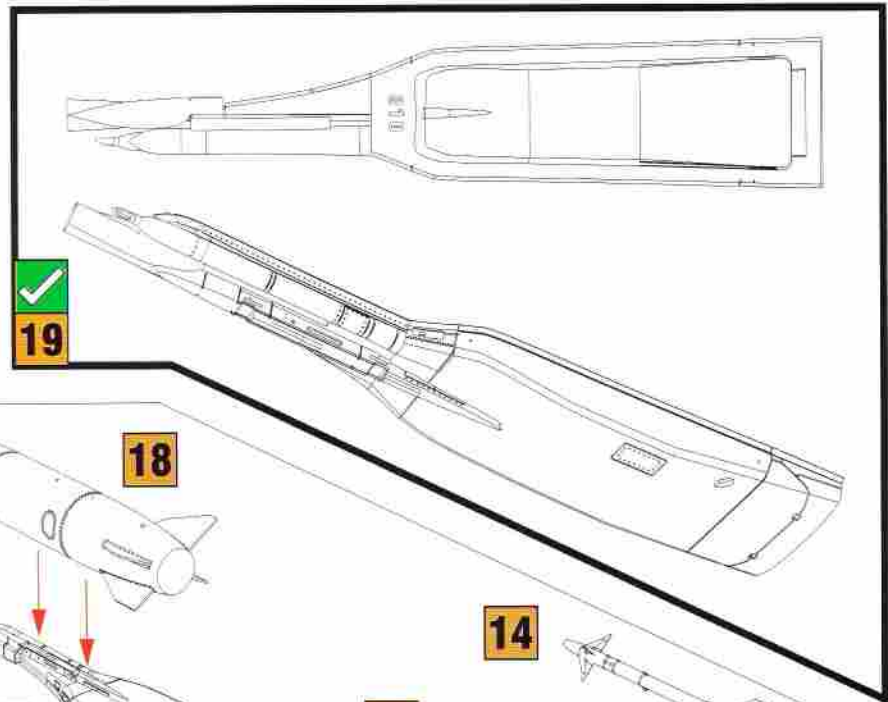
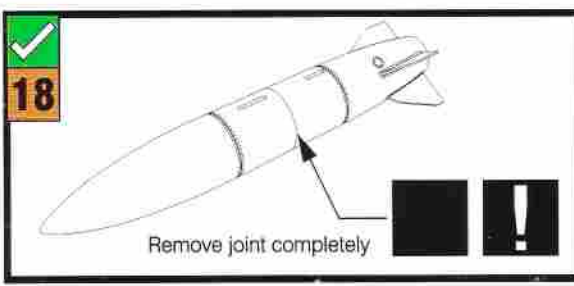
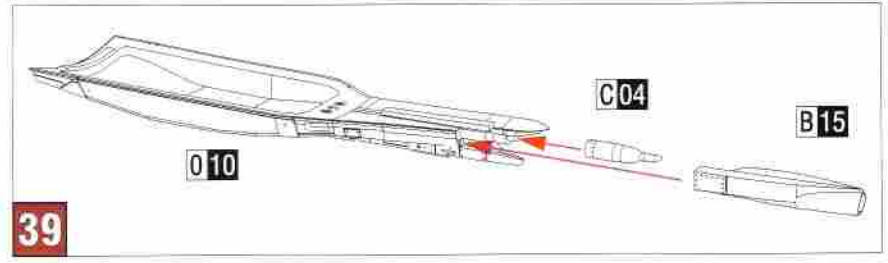
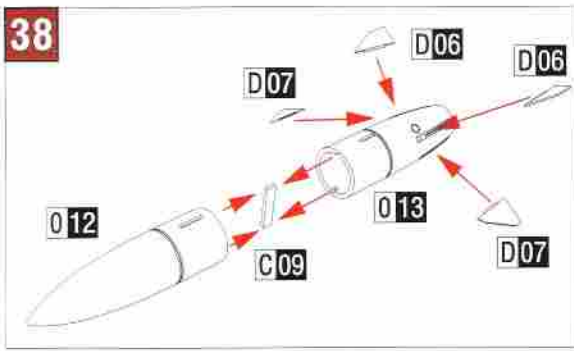
34 Landing Gear, as 3D print supports removed



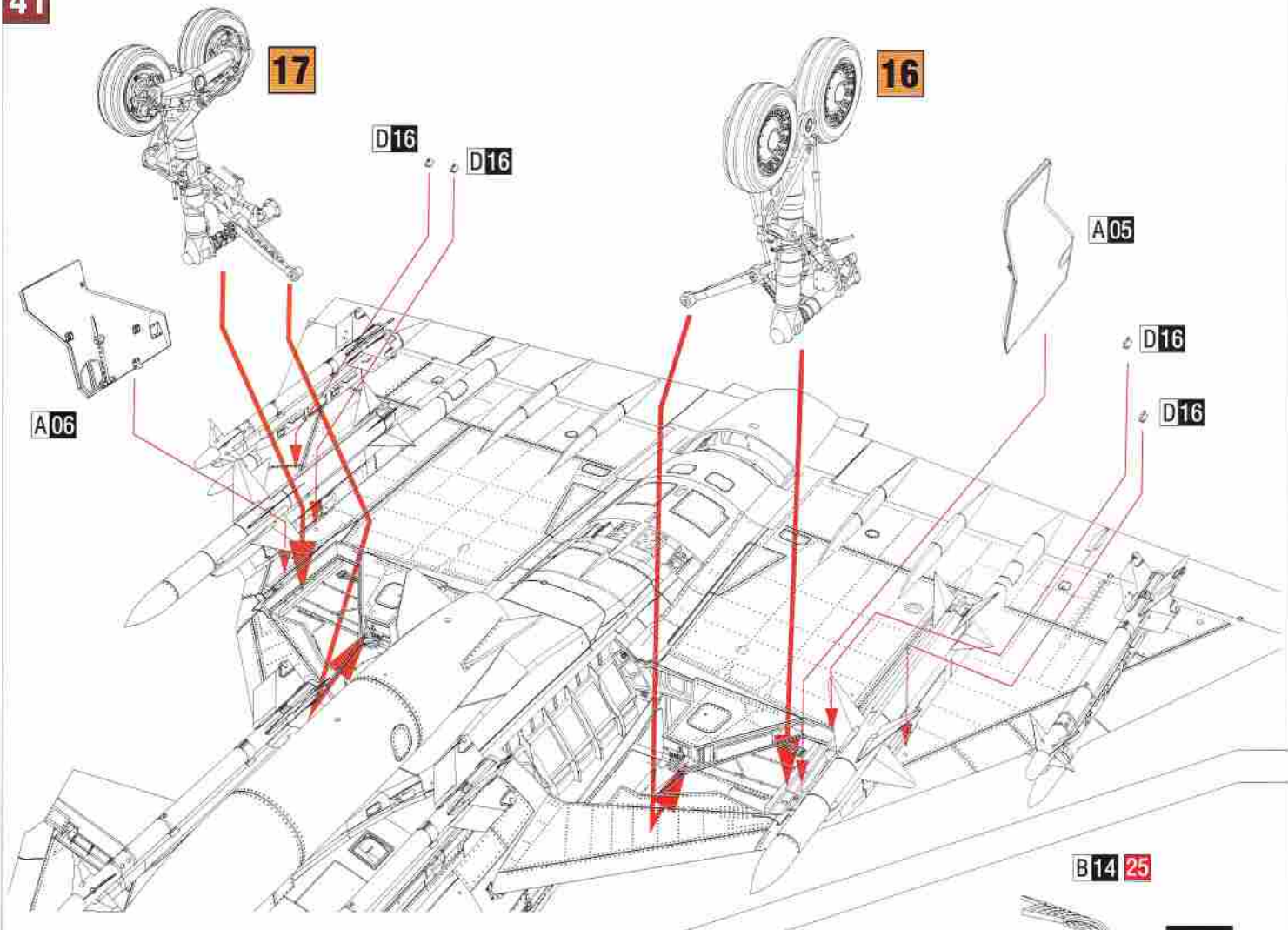
14 Landing Gear Assembly

34 Landing Gear, as 3D print supports removed

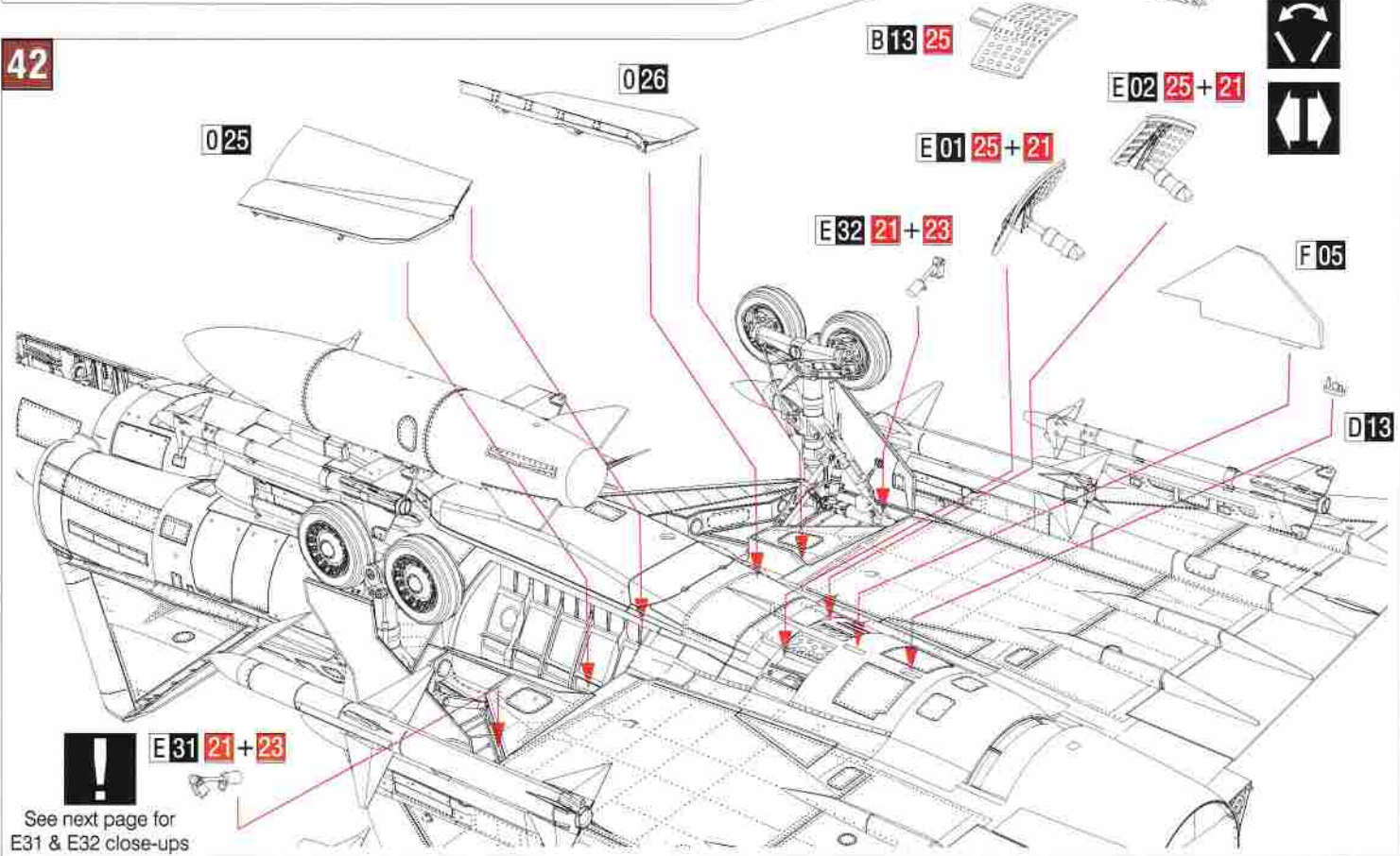




41

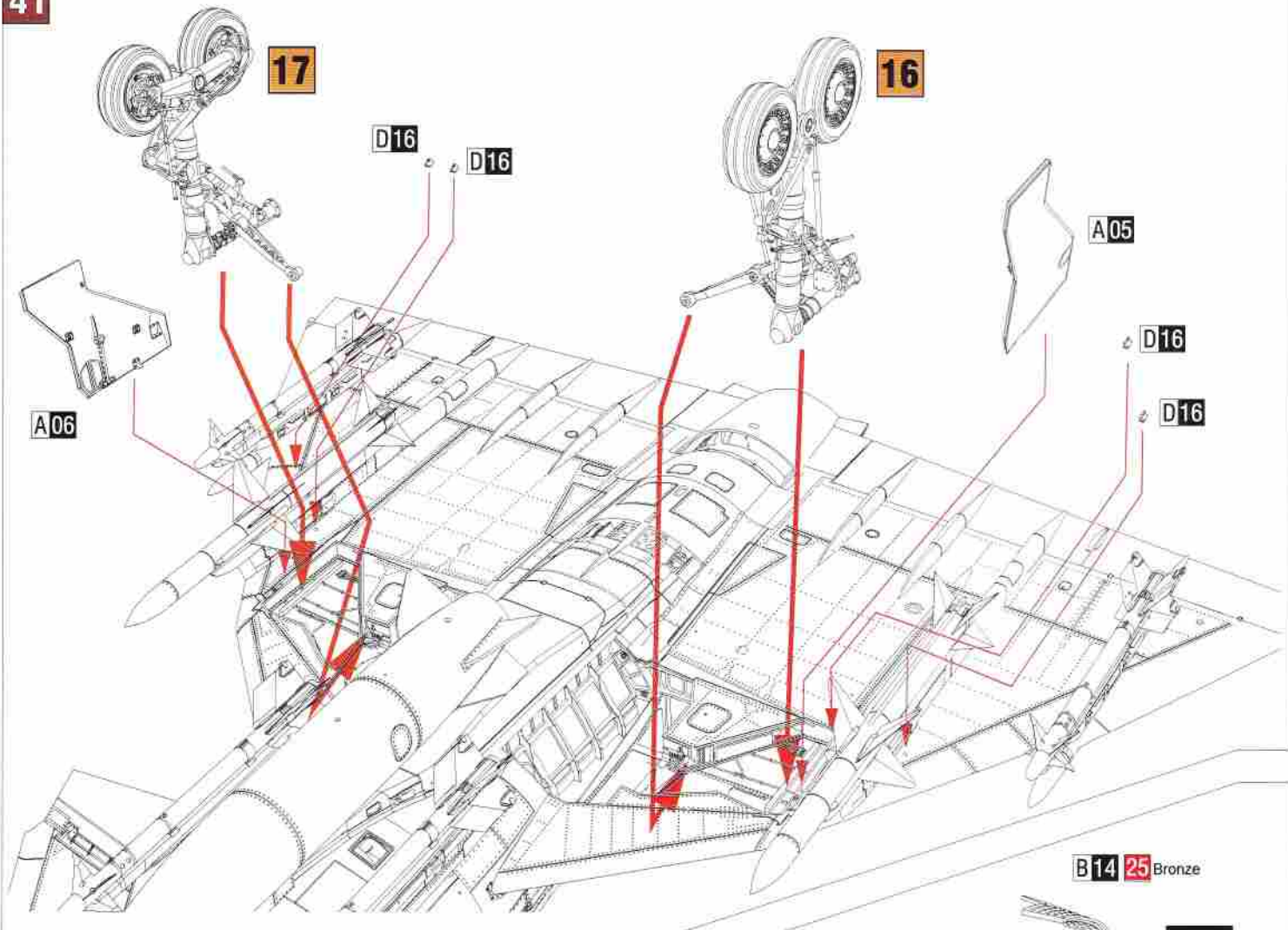


42

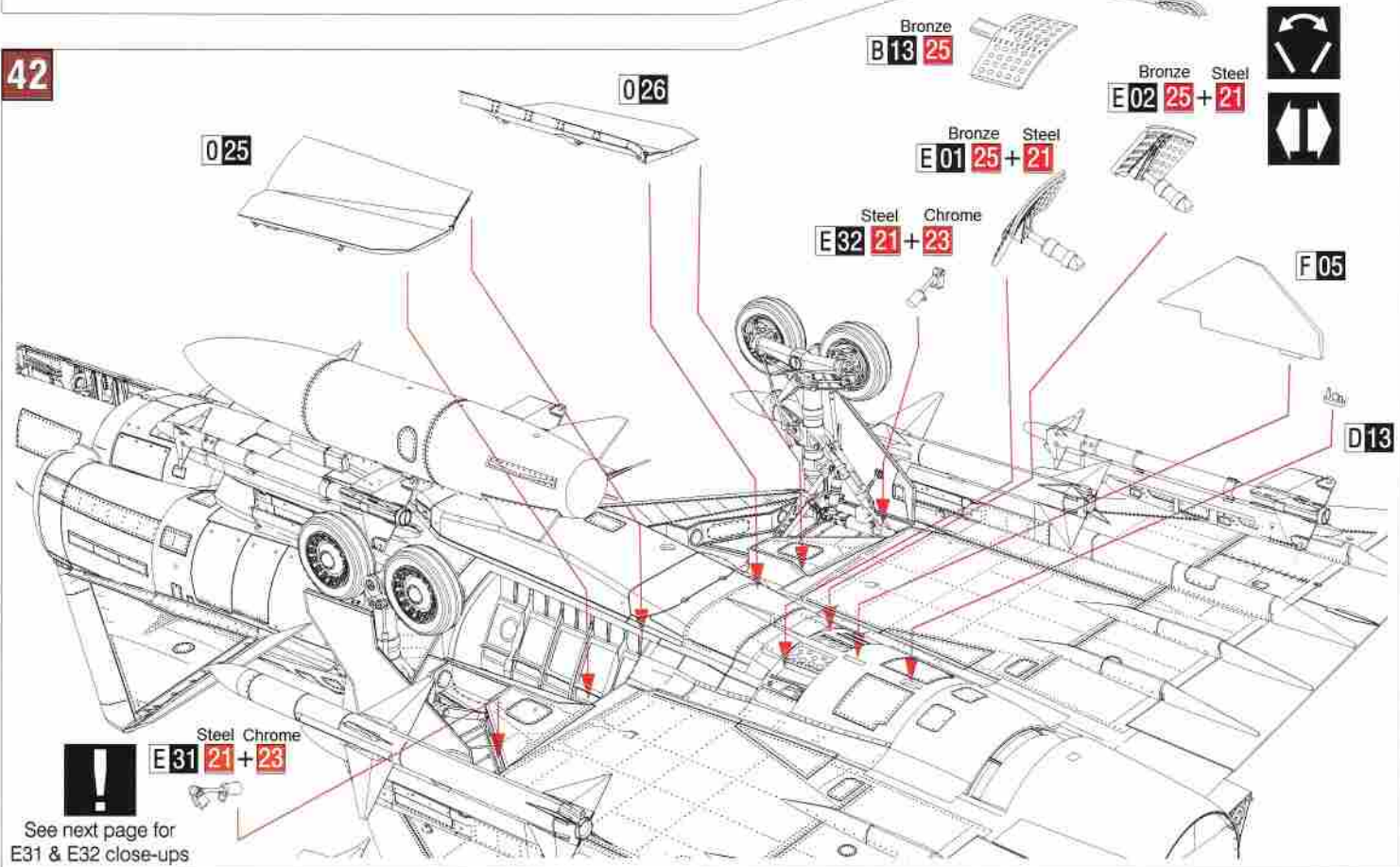


See next page for E31 & E32 close-ups

41

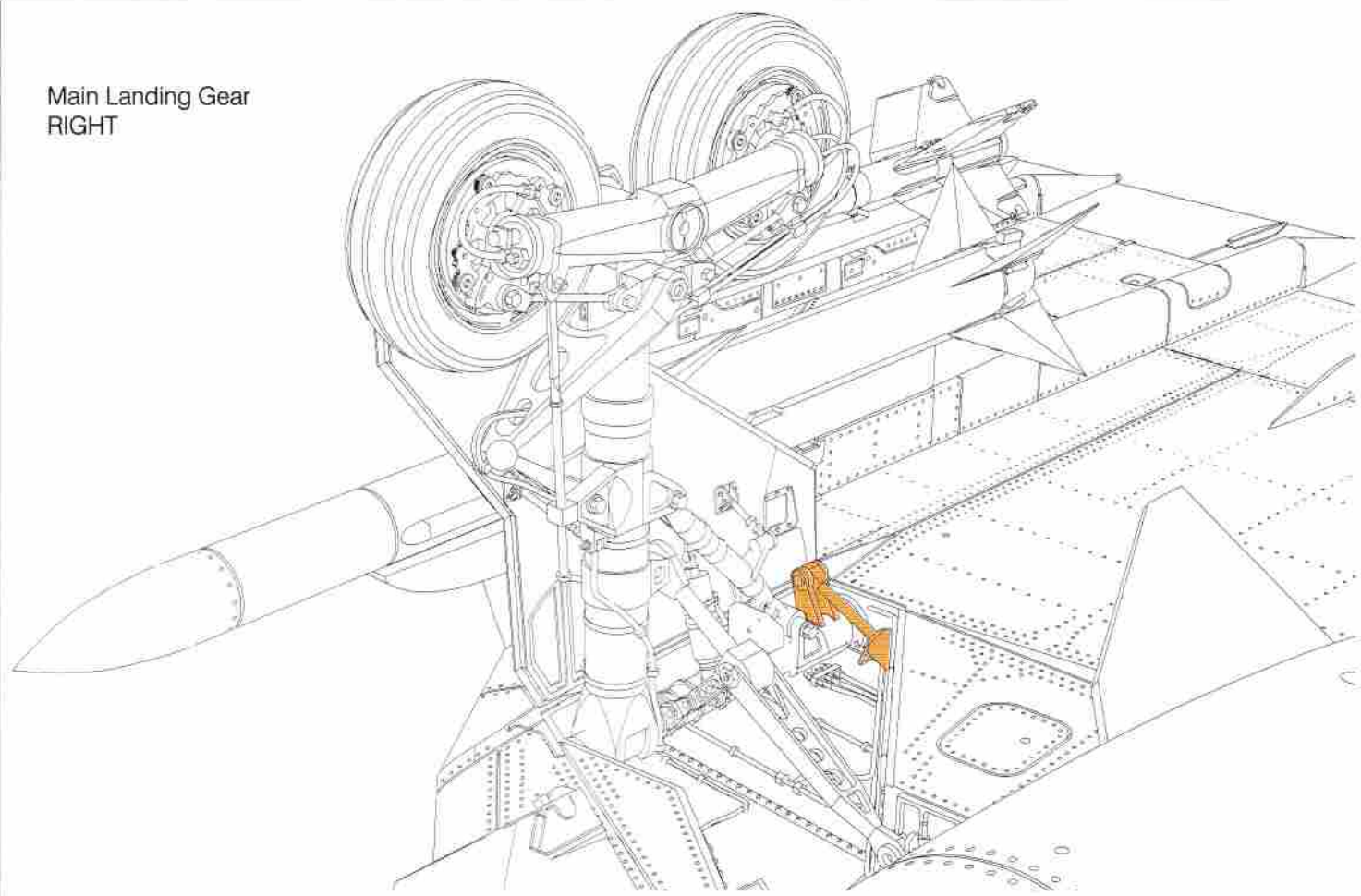


42

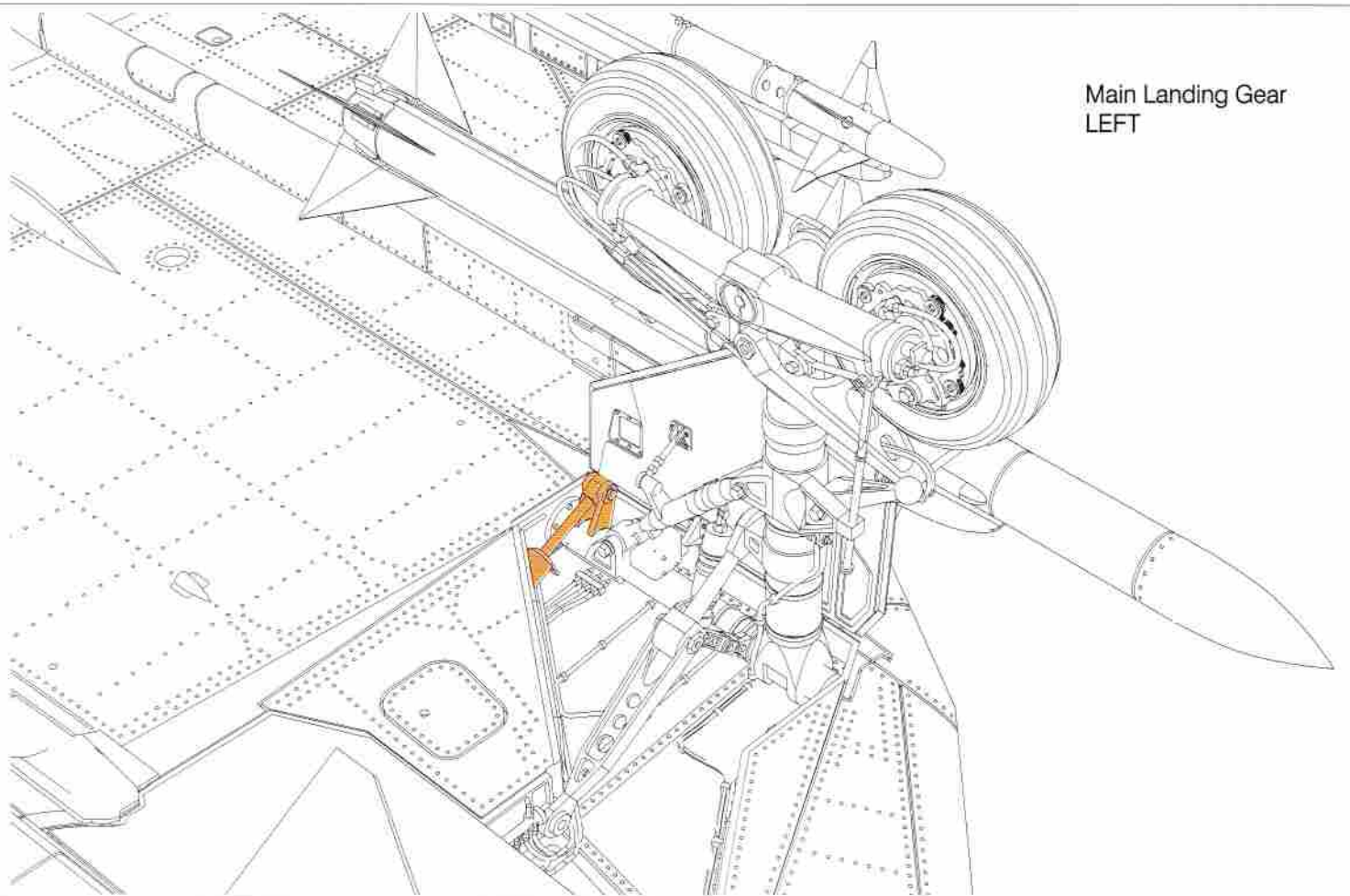


See next page for E31 & E32 close-ups

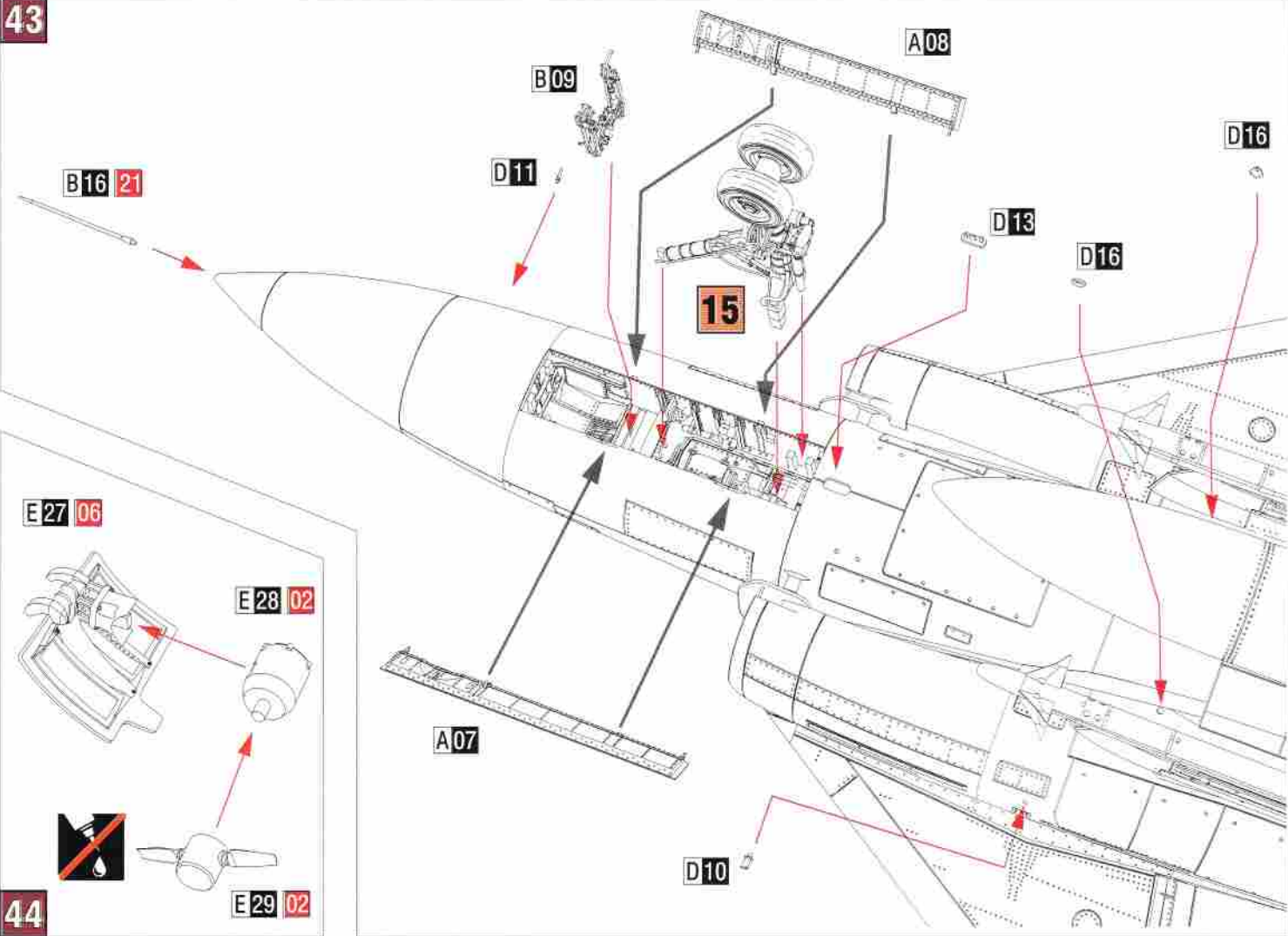
Main Landing Gear
RIGHT



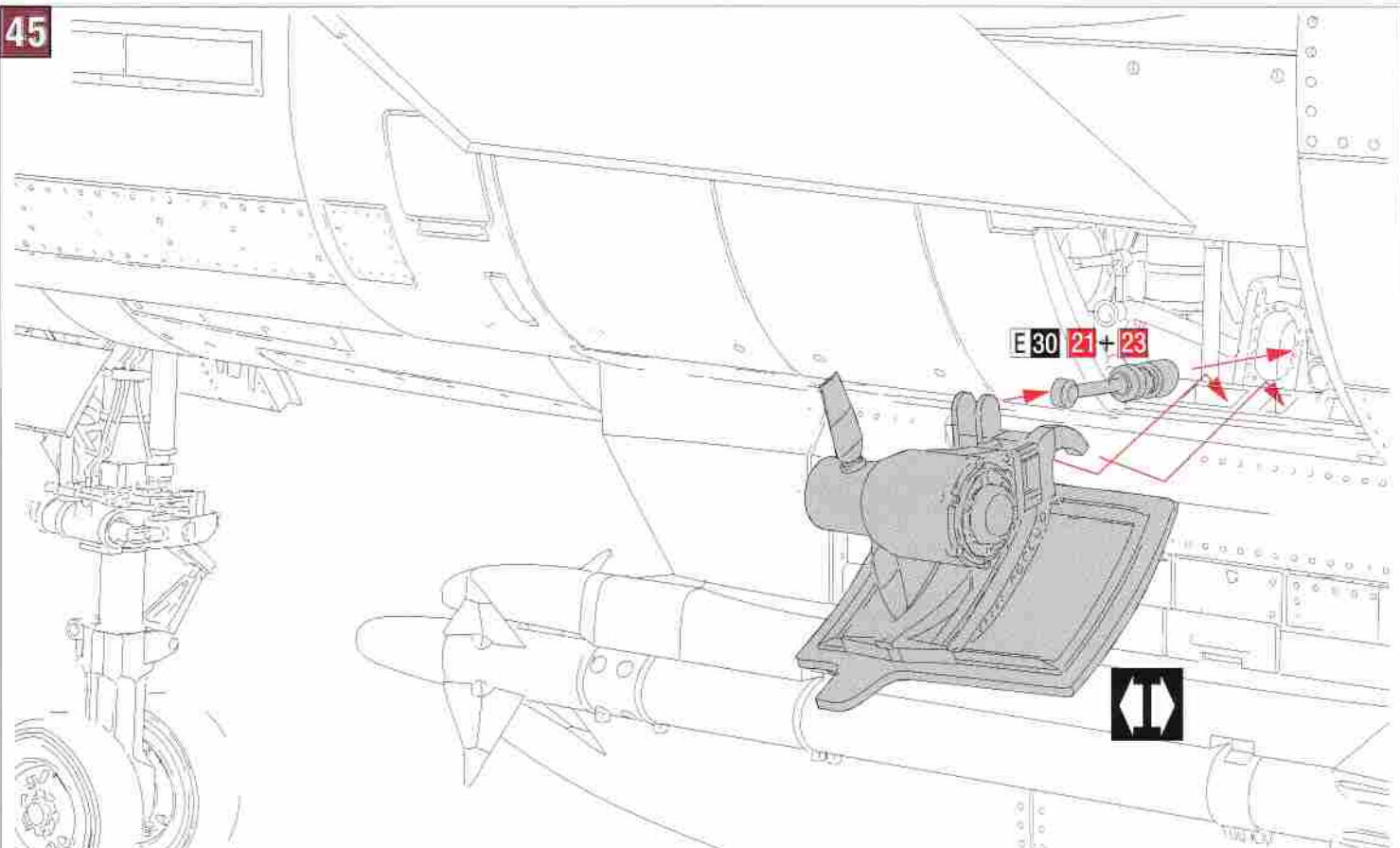
Main Landing Gear
LEFT

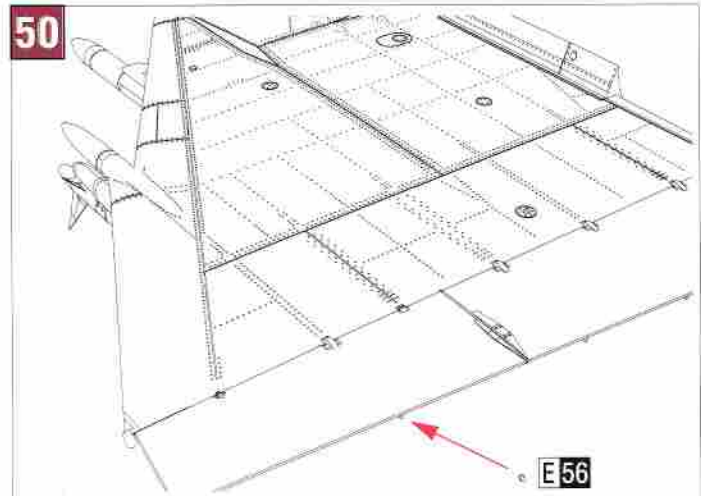
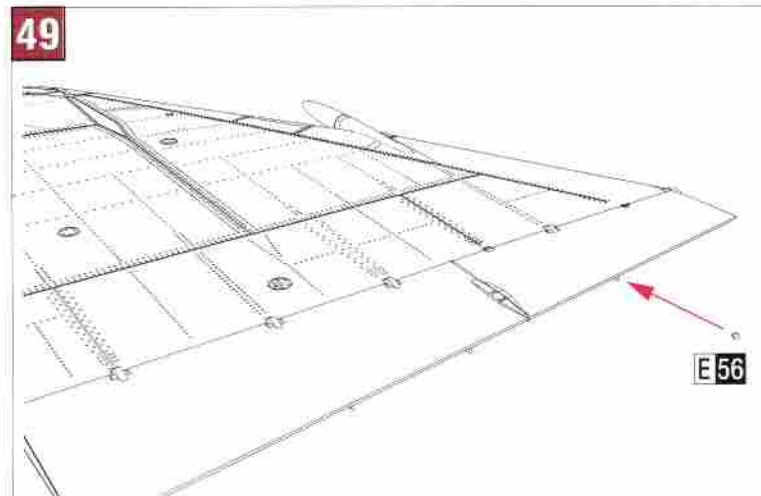
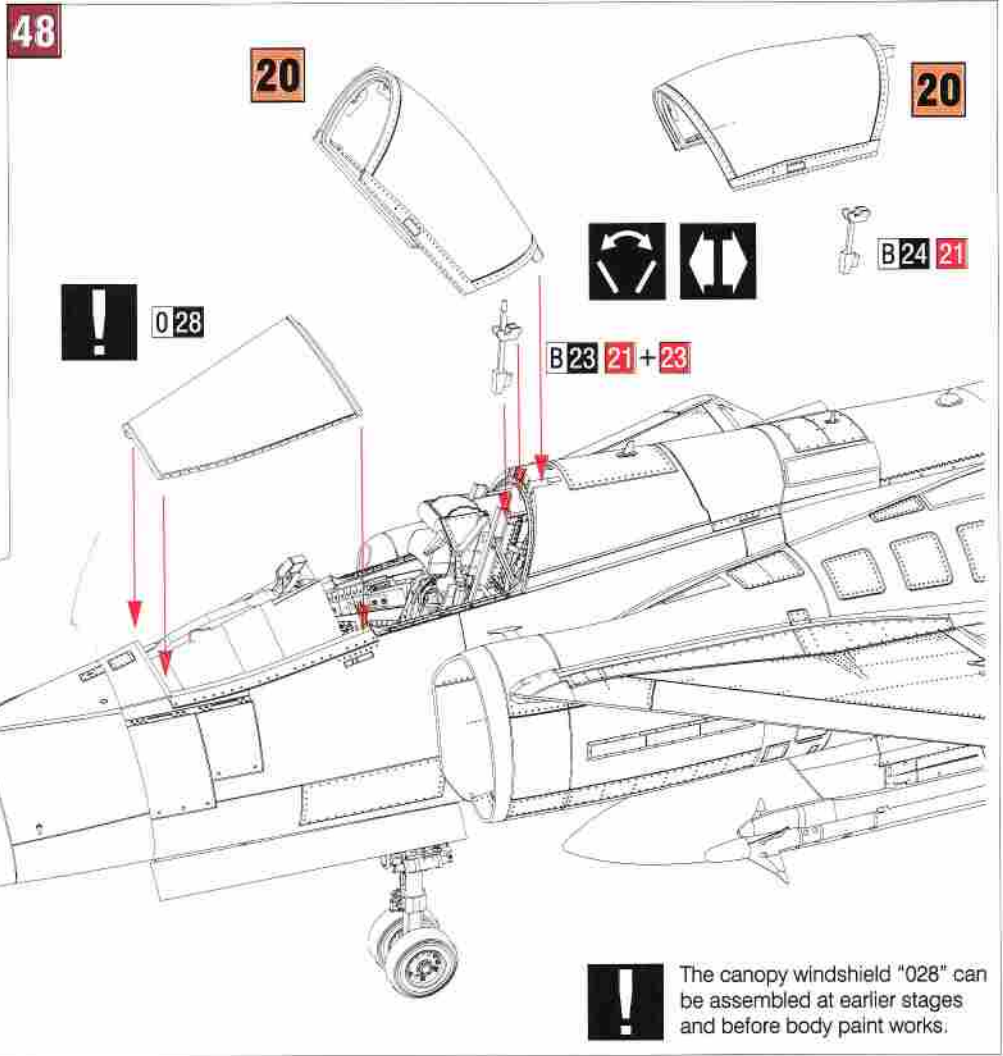
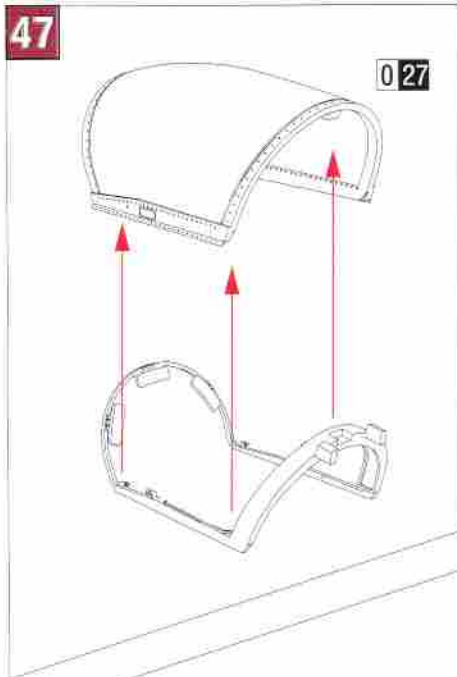
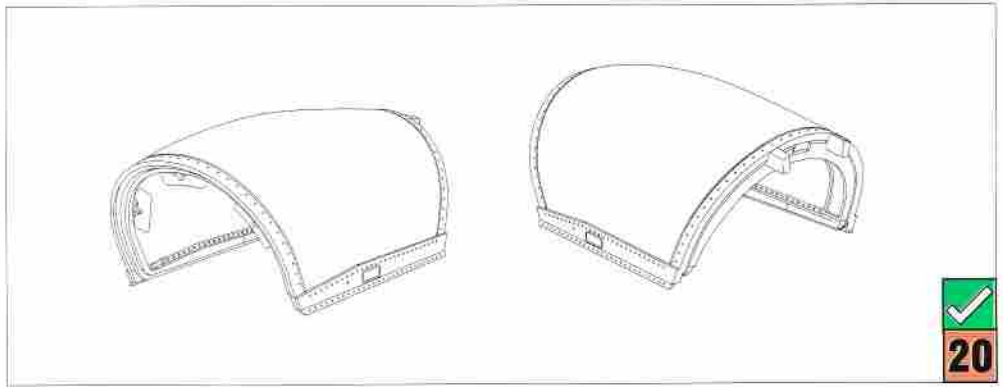
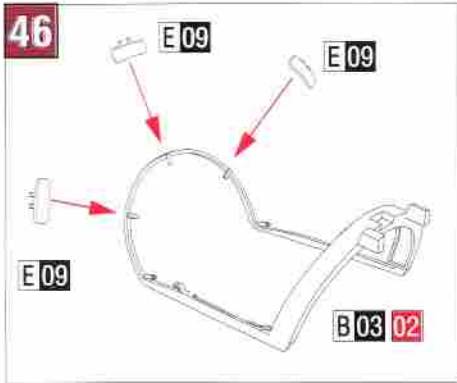


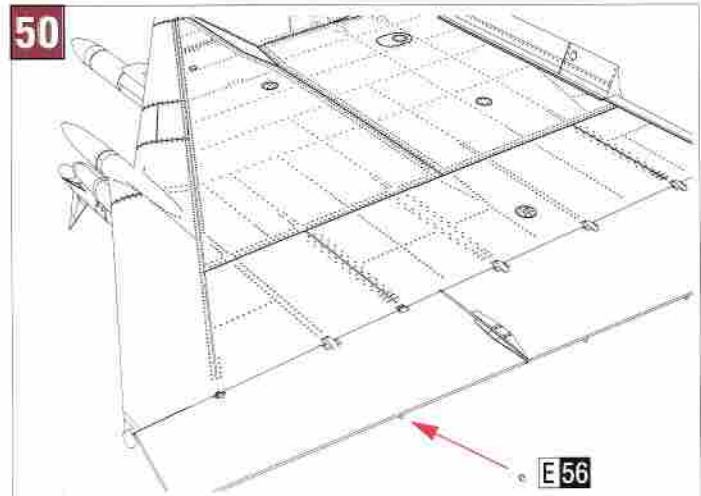
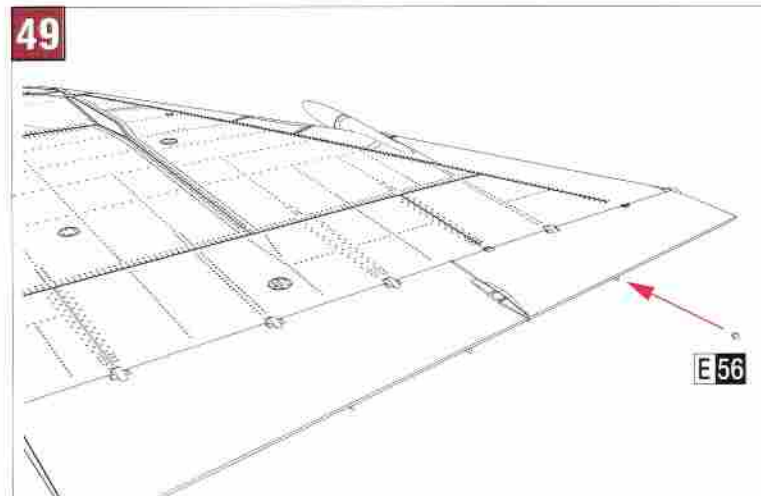
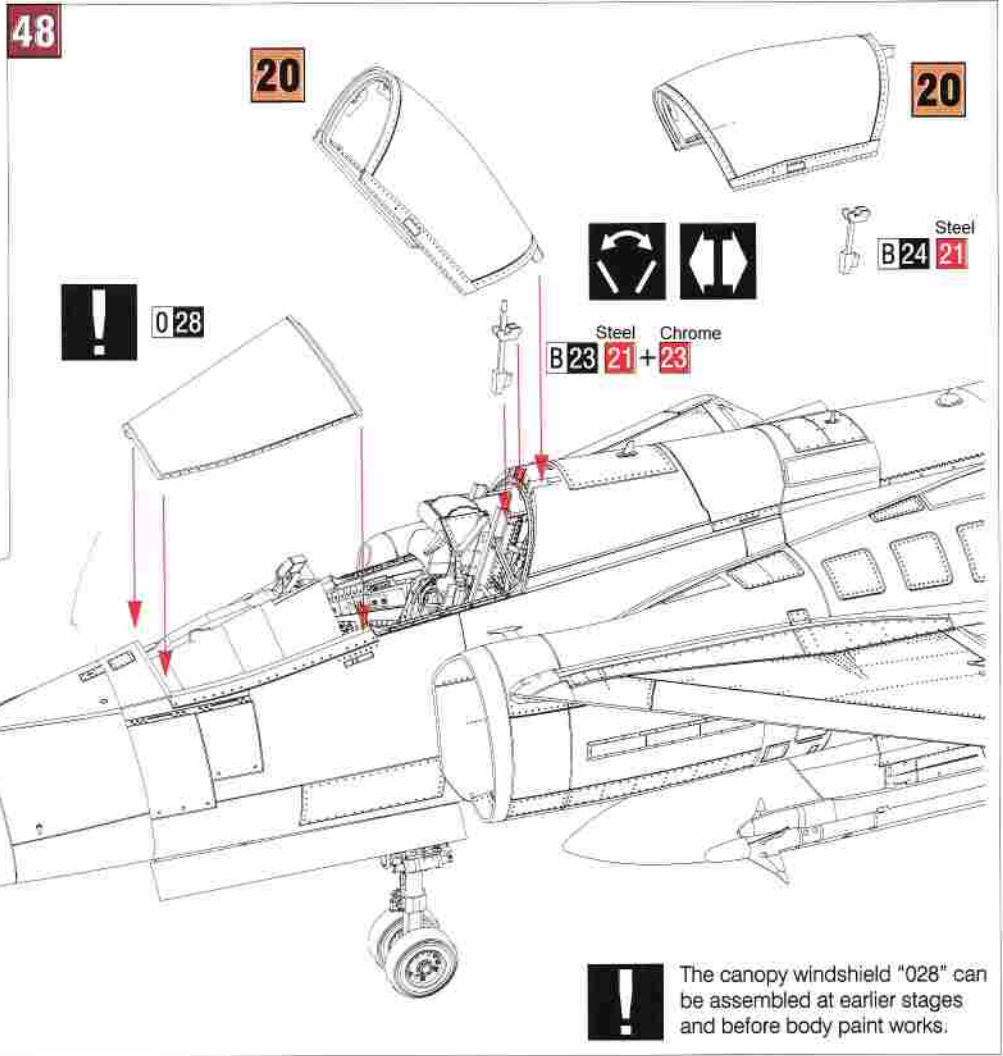
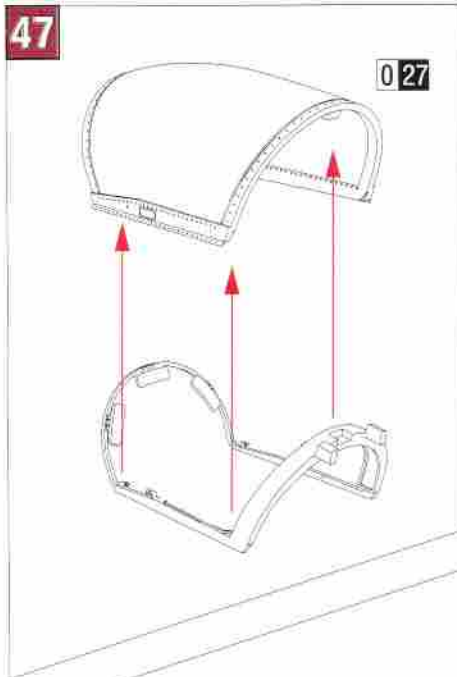
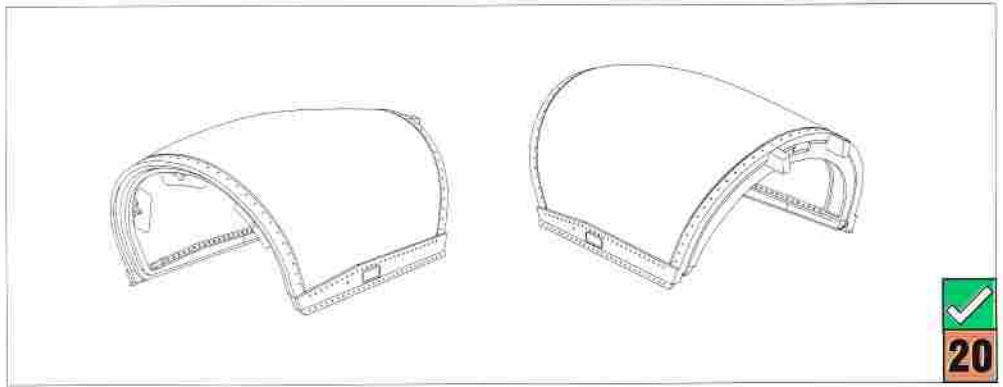
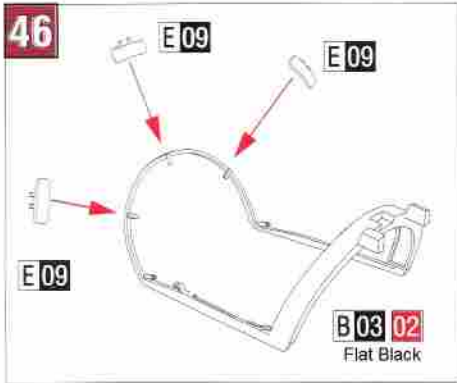
43

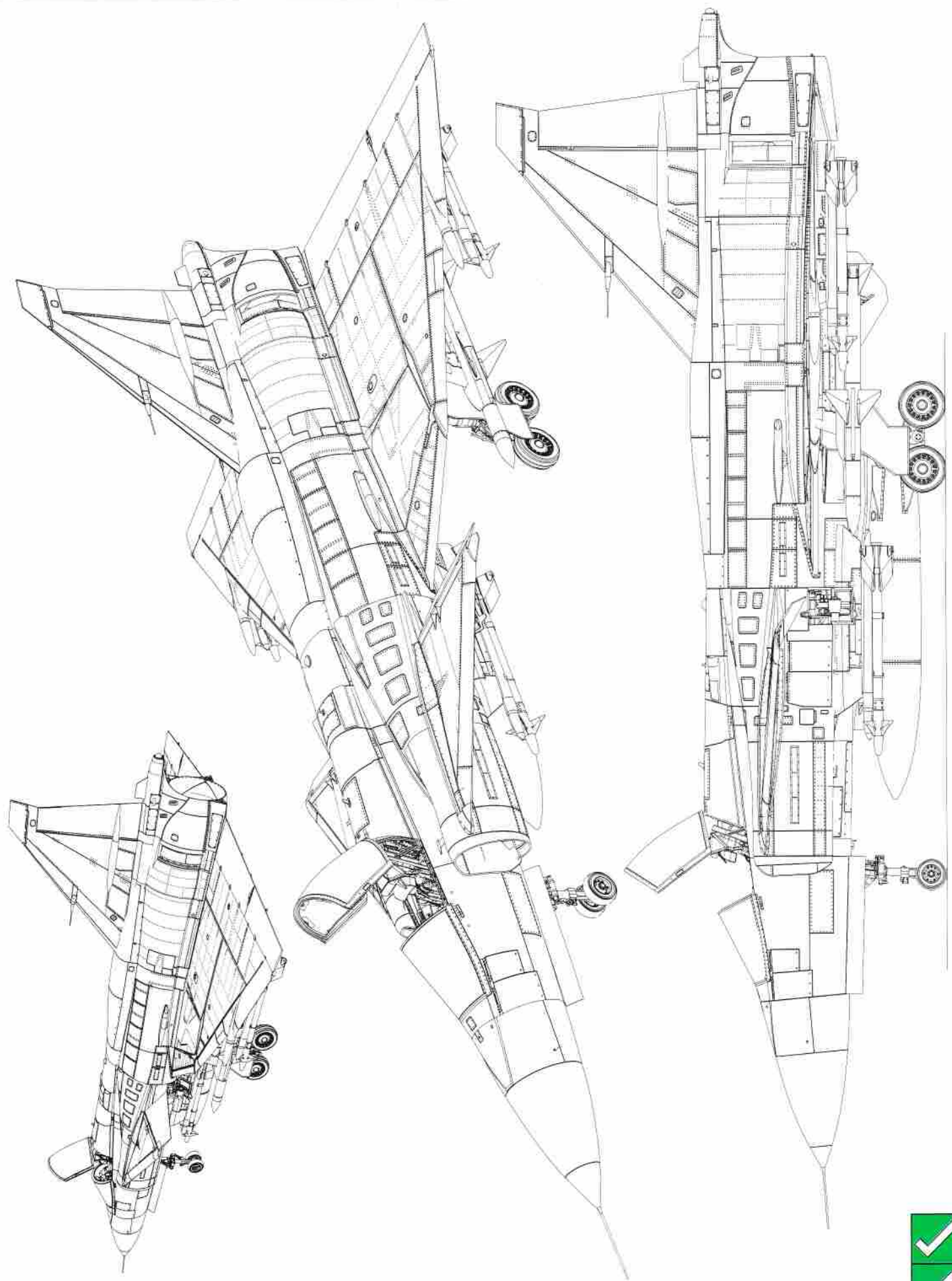


44





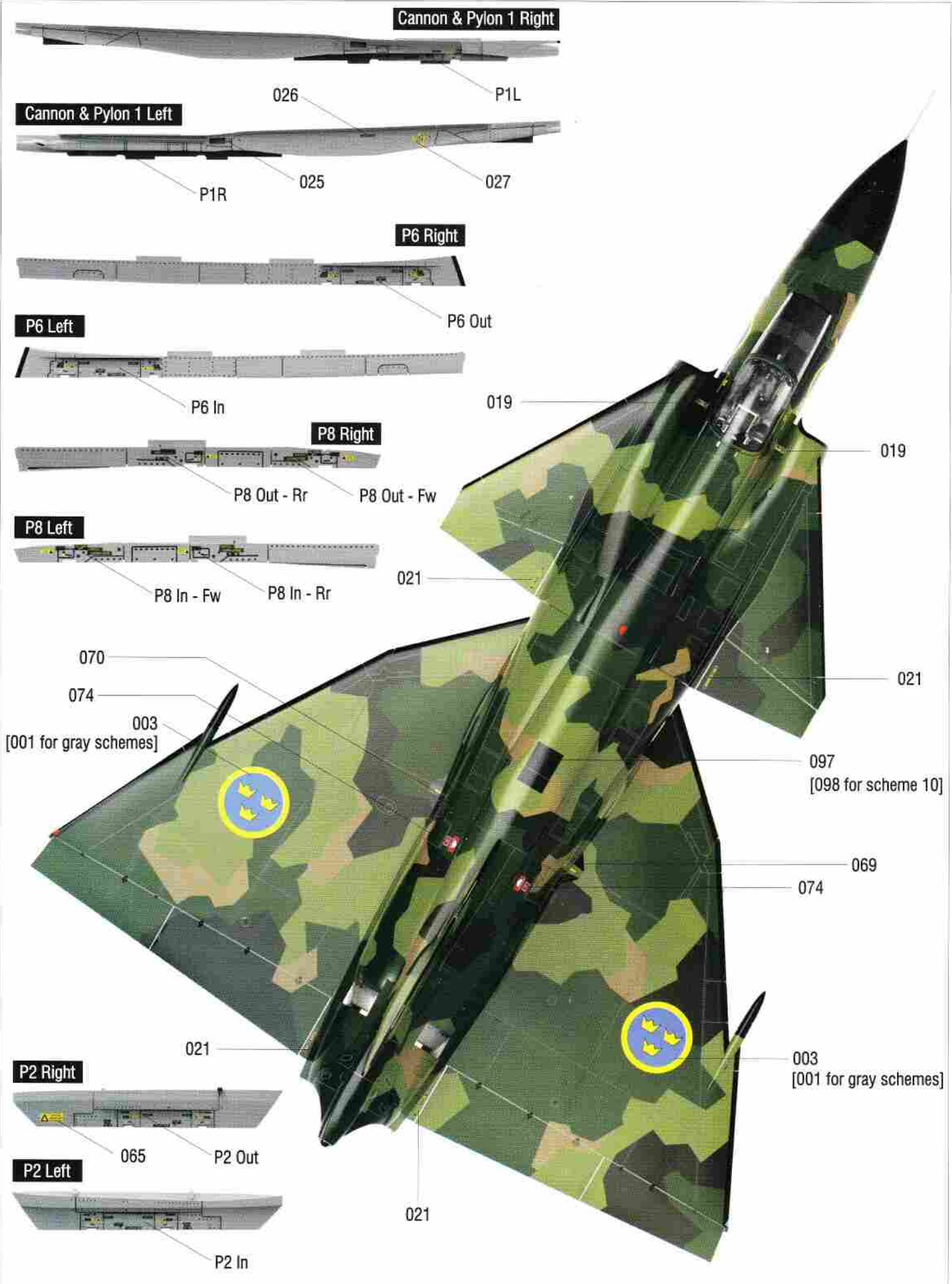


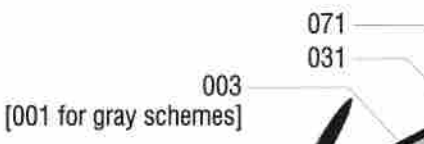
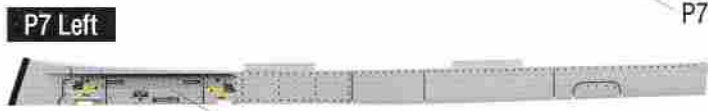
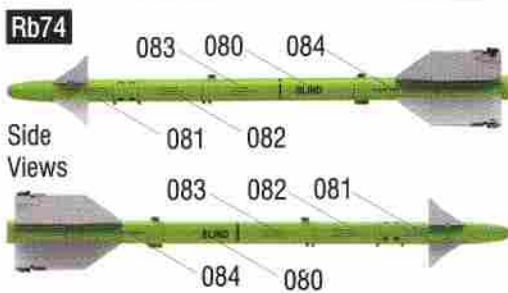
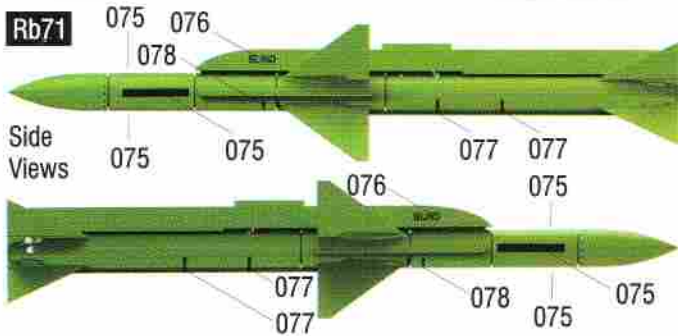




Stencils & markings are applicable to all schemes

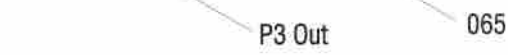
* Not used on NMF airframes [Schemes 4 and 11]





Green
Tamiya X5

058M Blue Grey
MR Paint MRP-175



065



1

F21-01 37304

As flown by F17 in 2000



2

F4-38 37378



093M Black Green
MR Paint MRP-179

322M Mid Green
MR Paint MRP-178

058M Blue Grey
MR Paint MRP-175

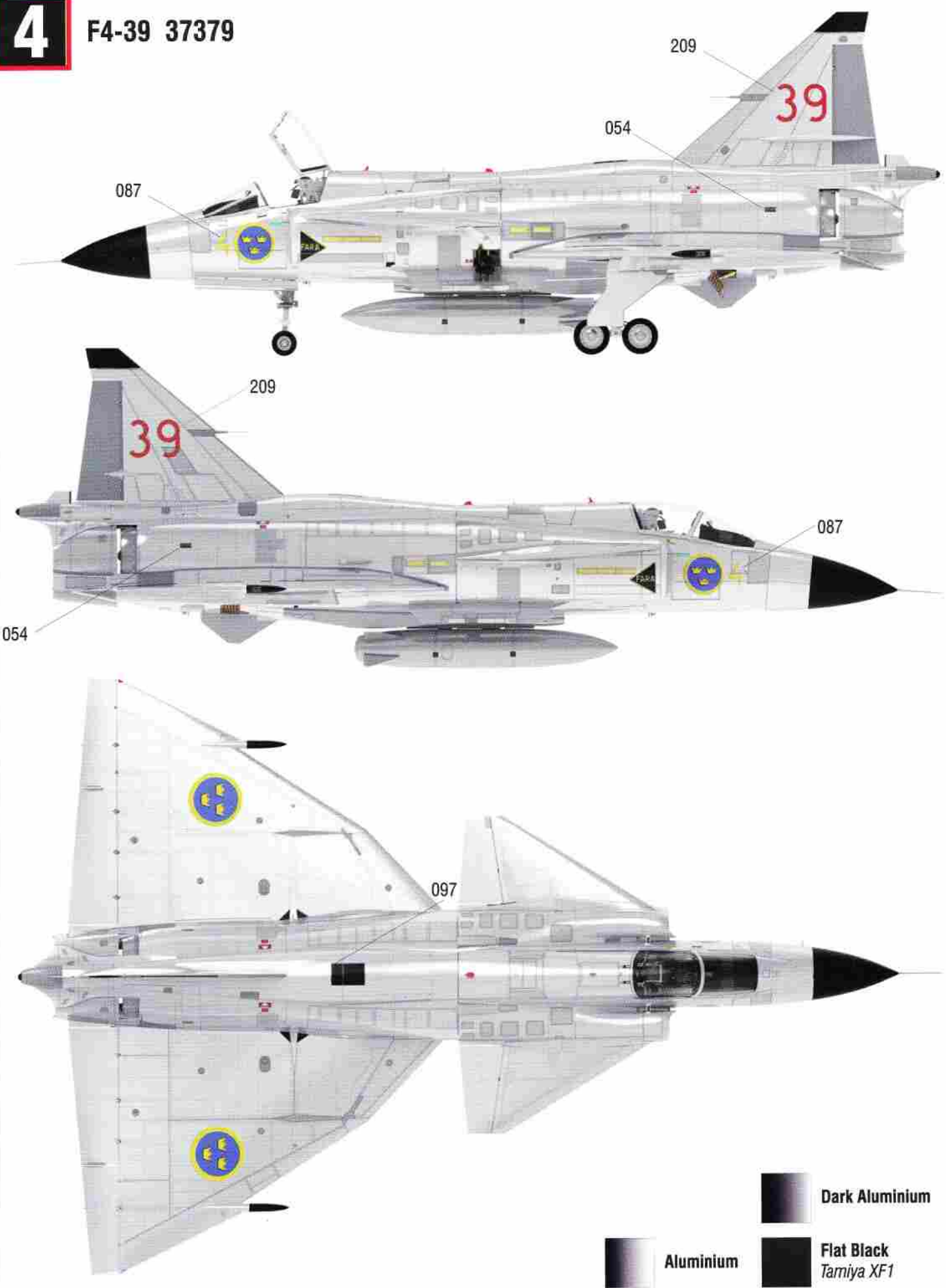
326M Dark Green
MR Paint MRP-177

507M Tan
MR Paint MRP-179

Flat Black
Tamiya XF1

4

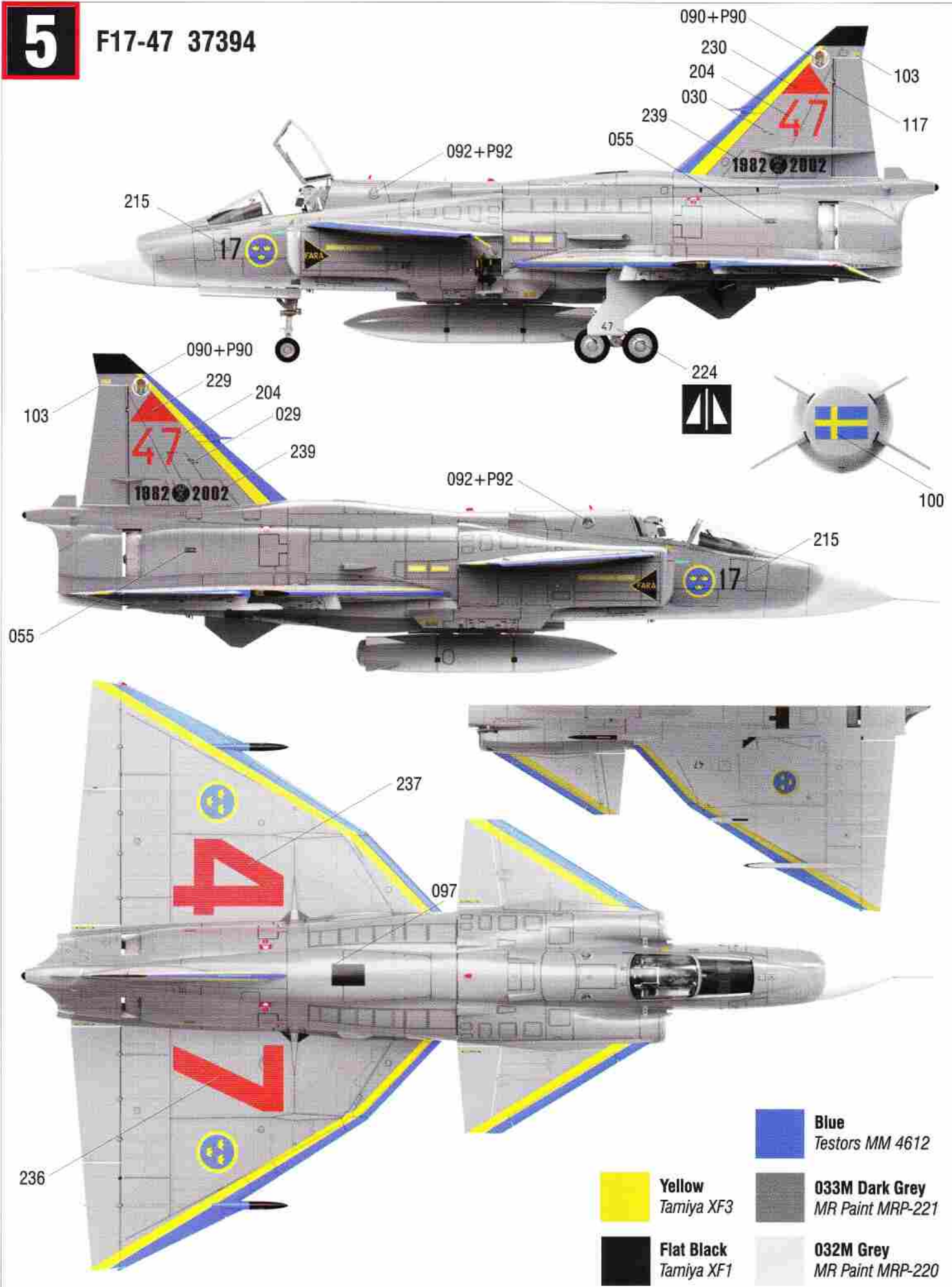
F4-39 37379



-  Dark Aluminium
-  Aluminium
-  Flat Black
Tamiya XF1

5

F17-47 37394



6

F17-05 37305



7

FC-38 37308

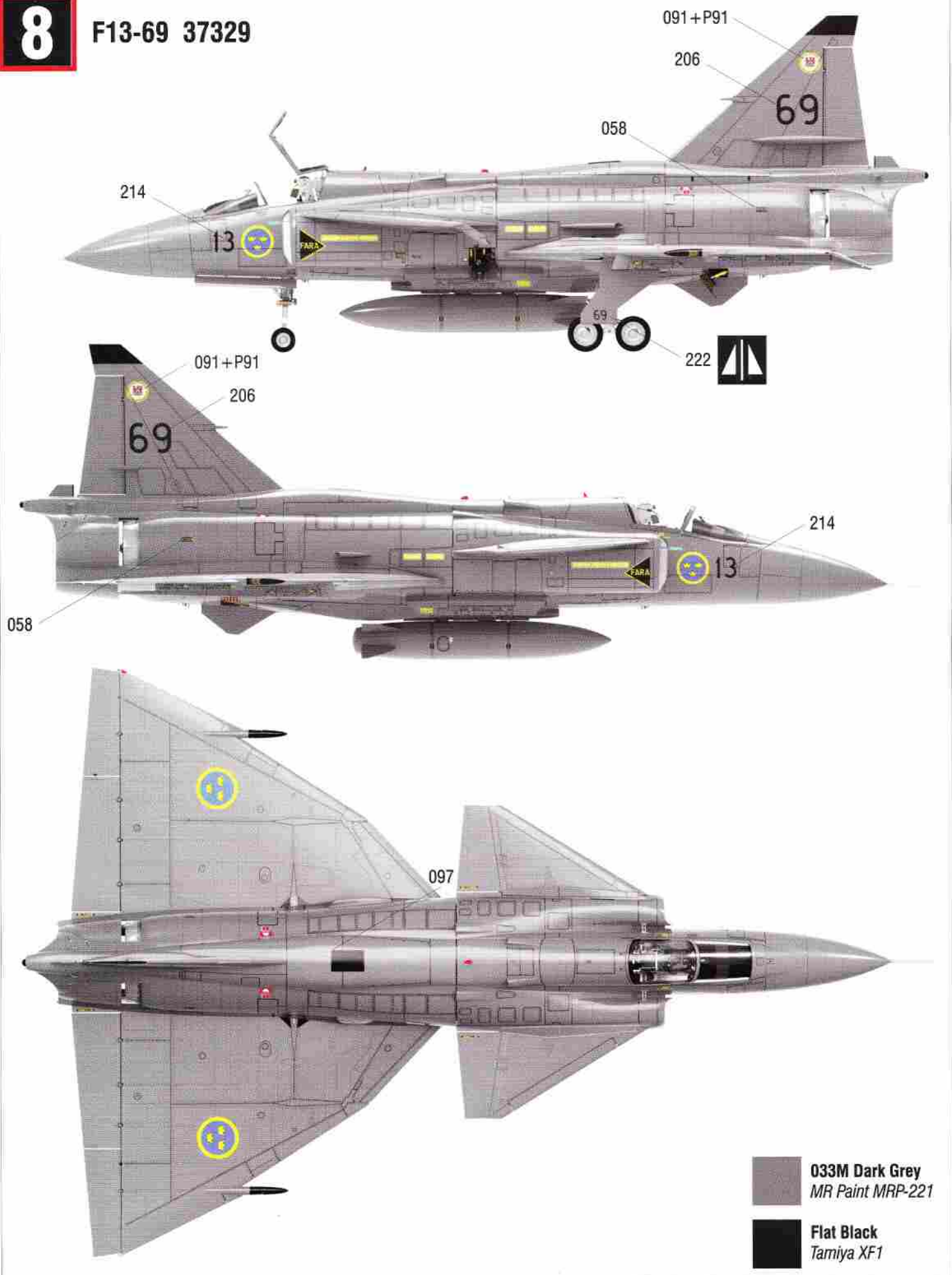


! Underside surfaces of the canards are FS17875 Insignia White, excluding flaps

- | | |
|---|---|
|  | FS12197
Testors MM 4703 |
|  | FS17875
Testors MM 4696 |
|  | 058M Blue Grey
MR Paint MRP-175 |
|  | 093M Black Green
MR Paint MRP-179 |
|  | 322M Mid Green
MR Paint MRP-178 |
|  | 326M Dark Green
MR Paint MRP-177 |
|  | 507M Tan
MR Paint MRP-179 |
|  | Flat Black
Tamiya XF1 |

8

F13-69 37329



- 033M Dark Grey
MR Paint MRP-221
- Flat Black
Tamiya XF1

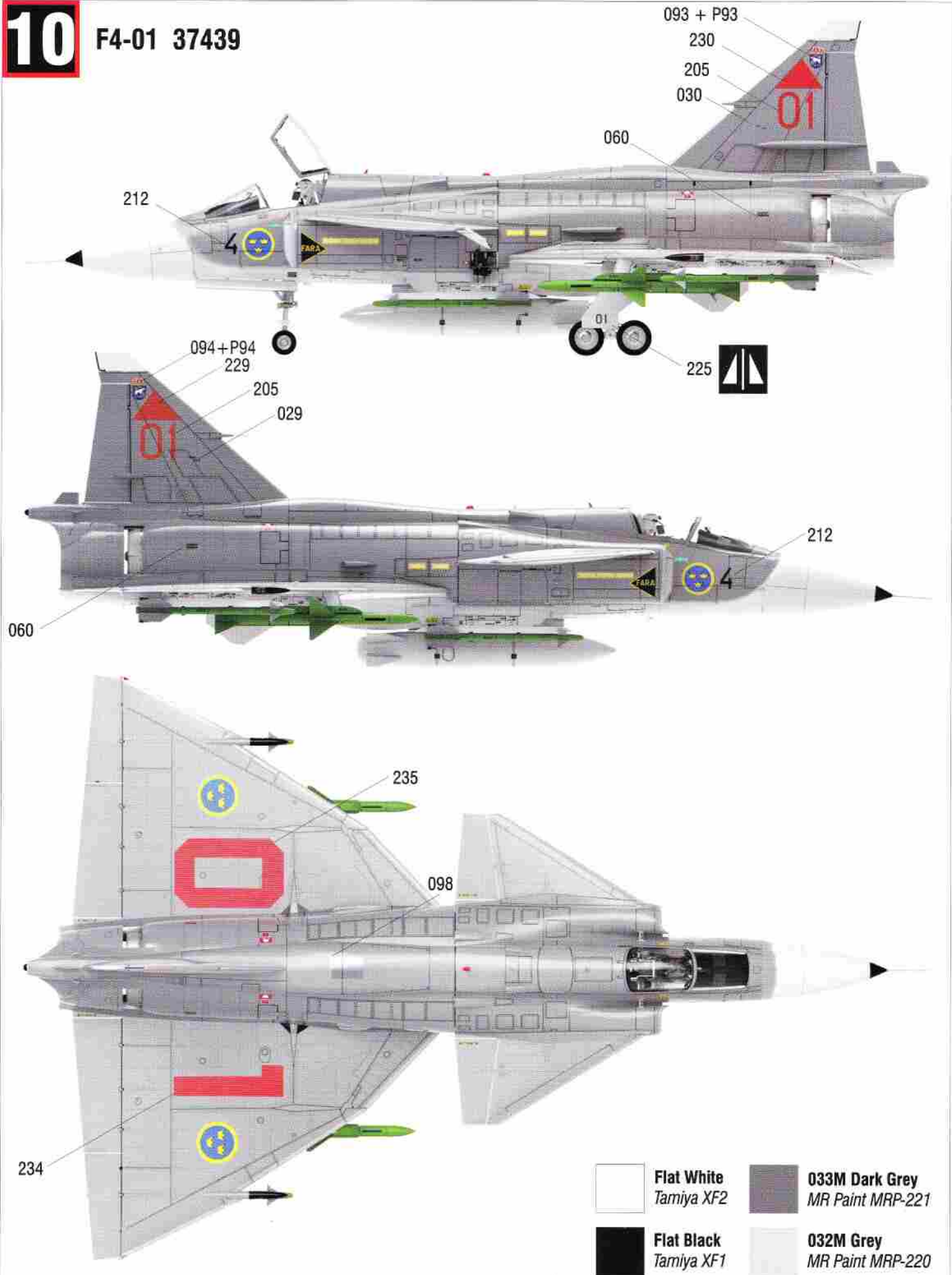
9 F21-18 37371



- | | | | | | |
|---|---|---|---|---|---|
|  | 093M Black Green
MR Paint MRP-179 |  | 322M Mid Green
MR Paint MRP-178 |  | 058M Blue Grey
MR Paint MRP-175 |
|  | 326M Dark Green
MR Paint MRP-177 |  | 507M Tan
MR Paint MRP-179 |  | Flat Black
Tamiya XF1 |
| | | | | | |

10

F4-01 37439



- | | | | |
|--|---------------------------------|---|---|
|  | Flat White
Tamiya XF2 |  | 033M Dark Grey
MR Paint MRP-221 |
|  | Flat Black
Tamiya XF1 |  | 032M Grey
MR Paint MRP-220 |

11 F17-33 37333



- | | | | | | |
|---|--|---|--|---|--|
|  | 093M Black Green
<i>MR Paint MRP-179</i> |  | 322M Mid Green
<i>MR Paint MRP-178</i> |  | 058M Blue Grey
<i>MR Paint MRP-175</i> |
|  | 326M Dark Green
<i>MR Paint MRP-177</i> |  | 507M Tan
<i>MR Paint MRP-179</i> |  | Flat Black
<i>Tamiya XF1</i> |

12 F17-03 37303



- | | | |
|---|---|---|
|  093M Black Green
MR Paint MRP-179 |  322M Mid Green
MR Paint MRP-178 |  058M Blue Grey
MR Paint MRP-175 |
|  326M Dark Green
MR Paint MRP-177 |  507M Tan
MR Paint MRP-179 |  Flat Black
Tamiya XF1 |

13 F13-32 37412



- Flat White**
Tamiya XF2
- 033M Dark Grey**
MR Paint MRP-221
- 032M Grey**
MR Paint MRP-220

15 F16-10 37410



"Kompani" badge on the vertical stabiliser was later moved to the main landing gear covers.

-  **Flat Black**
Tamiya XF1
-  **033M Dark Grey**
MR Paint MRP-221
-  **032M Grey**
MR Paint MRP-220



0

10cm

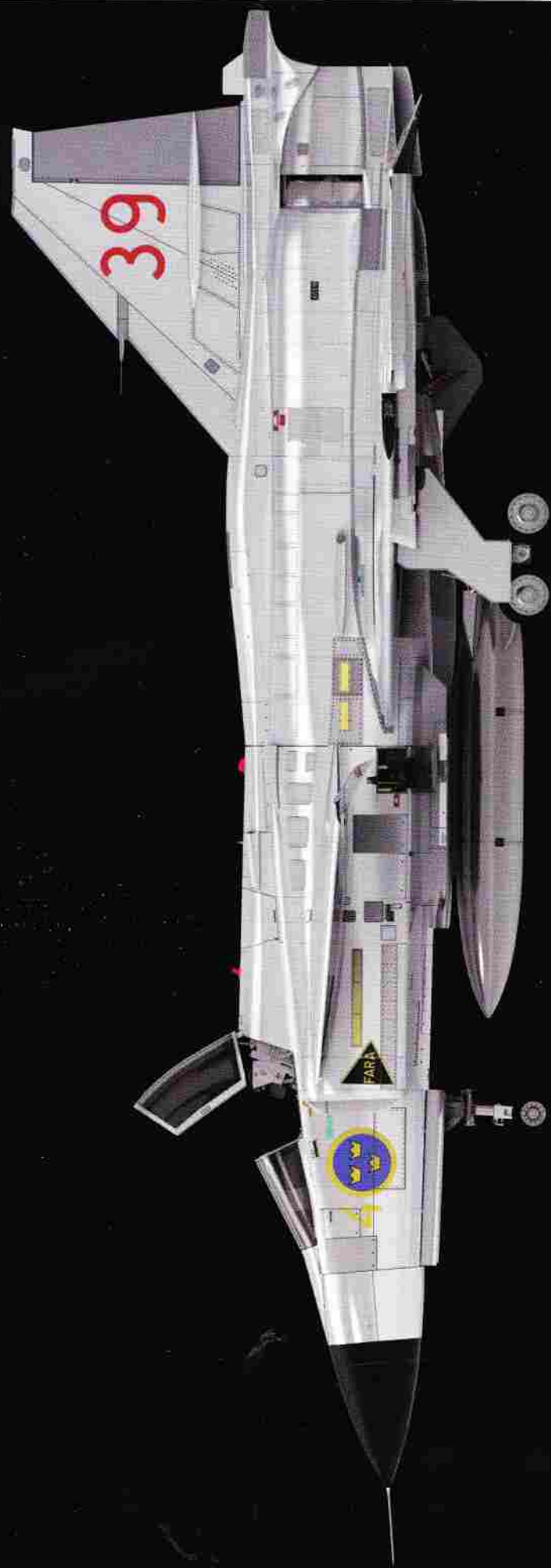




0

10cm







1:32

303701
LIMITED EDITION

JA37 VIGGEN

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