He 111H-8 Paravane

1/48 SCALE **MODEL KIT No 48267**

He 111H-8 Параван, Німецький літак 2 СВ

У липні 1940 року розпочалася Битва за Британію. Таку назву отримала військова операція Німеччини, що мала на меті завоювання повітряного простору над півднем Англії. Згідно задумів німецького командування, це мало підірвати бойовий дух британського народу. Для захисту повітряного простору над великими містами британці використовували аеростати загородження з натягнутими тросами. Для прориву цих загороджень повітряні сили Люфтваффе застосовували переобладнані літаки, на яких встановлювали спеціальні сталеві конструкції з різаками. Такі різаки також називалися параванами – по аналогії з пристроями для захисту від морських мін. Серед переобладнаних літаків були й бомбардувальники He 111, така модифікація отримала позначення He 111H-8. Пілотування таких літаків було досить складним, оскільки масивна конструкція паравана погіршувала льотні характеристики літака. Частина з цих літаків була втрачена протягом 1941 року, а ті, що залишилися, пізніше використовувалися як звичайні бомбардувальники.

He 111H-8 Paravane, WWII German Aircraft

In July 1940, the Battle of Britain began. This was the name given to the German military operation aimed at conquering the airspace over southern England. According to the German command, this was to undermine the morale of the British people. To protect the airspace over large cities, the British used barrage balloons with taut cables. To break through these barriers, the Luftwaffe used converted airplanes on which special steel structures with cutters were installed. These cutters were also called paravans, similar to devices for protecting against sea mines. Among the converted aircraft were He 111 bombers, this modification was designated He 111H-8. Piloting such aircraft was quite difficult, as the massive structure of the paravan worsened the flight characteristics of the aircraft. Some of these aircraft were lost during 1941, and the remaining ones were later used as conventional bombers.

Тактико-технічні характеристики He 111H-8 Параван

Довжина фюзеляжу, м	16,38
Розмах крила, м	22,50
Злітна вага, кг	14000
Двигуни	2xJumo211F-1, 2x1340 к.с.
Максимальна швидкість, км/год	435
Стеля, м	8500
Дальність польоту, км	1950
Озброєння	1-2x20-мм гармати MG FF, 4-7x7,92-мм кулеметів MG 15, до 2000 кг бомб

Tactical and Technical Specifications of He 111H-8 Paravane

Length, m	16.38
Wingspan, m	22.50
Max take-off weight, kg	14000
Engines	2xJumo211F-1, 2x1340 hp.
Max. Speed, km/h	435
Ceiling, m	8500
Max. ferry range, km	1950
Armament	1-2x20-mm guns MG FF, 4-7x7,92-mm machine guns MG 15, up to 2000 kg of bombs

ФАРБИ, ЩО ВИКОРИСТОВУЮТЬСЯ / USED COLORS:

	COLOR	ICM
A	Чорний | Black	1002
B	Білий | White	1001
C	Жовтий | Deep Yellow	1003
D	Екстра темно-зелений | Extra Dark Green	1069
E	Німецький сірий | German Field Grey	1070
F	Синьо-сіра | Blue Grey	1032
G	Темно-сірий | Dark Grey	1037
H	Нейтральний сірий | Neutral Grey	1036
J	Алюміній | Aluminium	1023
K	Сталь | Natural Steel	1025
L	Збройовий метал | Gun metal	1027
M	Темна іржа | Dark rust	1051
N	Напівпрозорий червоний | Clear Red	1011
P	Напівпрозорий зелений | Clear Green	1014
Q	Гумовий чорний | Rubber Black	1039

Використовуйте набір фарб від ICM
Best to be used with ICM Paint Set

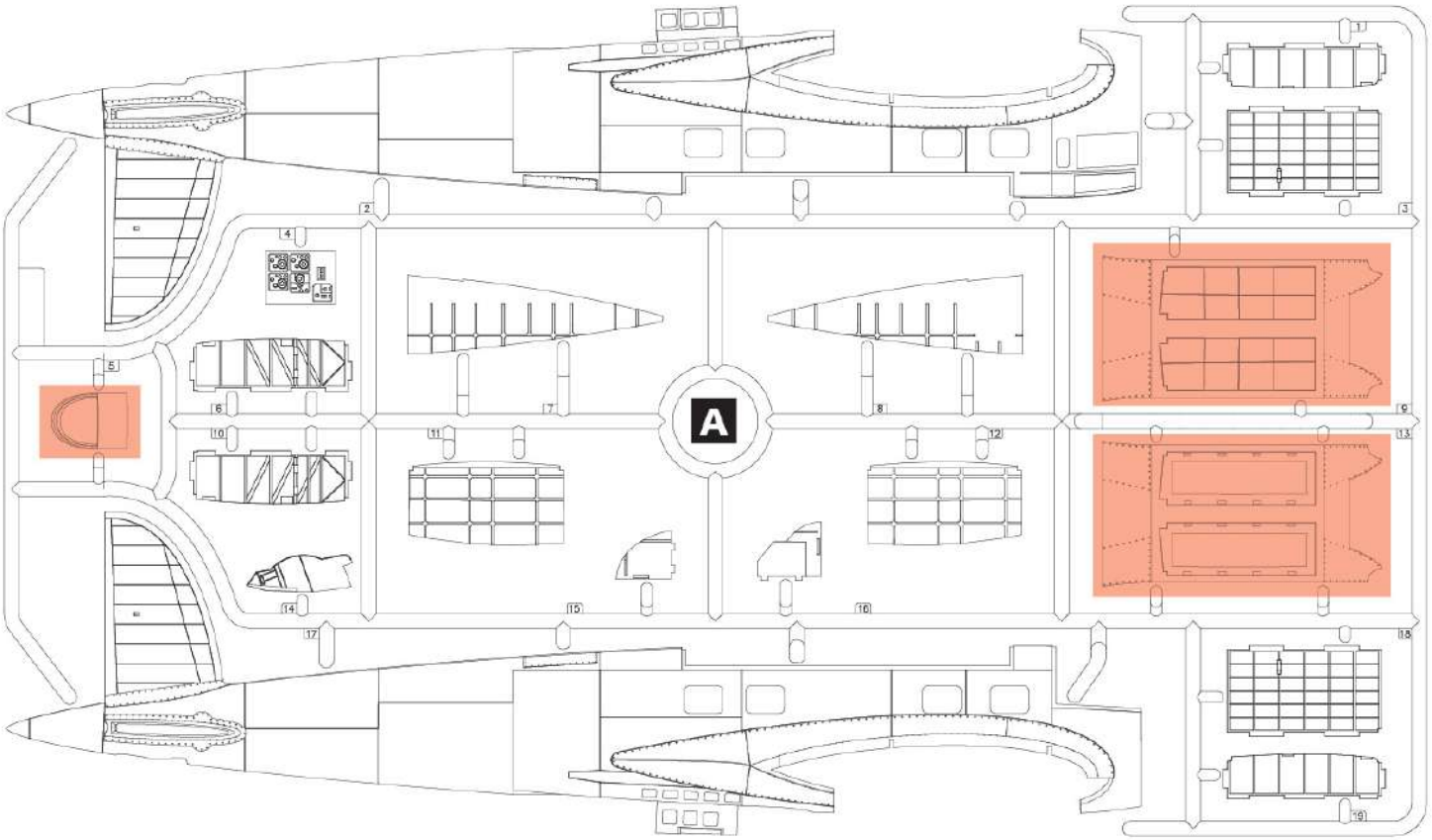
Для отримання глянцевого, сатинового чи матового ефекту – використовуйте наші лаки!
For a glossy, satin or matte effect - use our varnishes!

2001 МАТОВИЙ ЛАК VARNISH MATT
2002 САТИНОВИЙ ЛАК VARNISH SATIN
2003 ГЛЯНЦЕВИЙ ЛАК VARNISH GLOSS

01 СТАДІЯ СКЛАДАННЯ ASSEMBLY STEP
03 СКЛАДАЛЬНА ОДИНИЦЯ ASSEMBLY UNIT
A ФАРБА, ЩО ВИКОРИСТОВУЄТЬСЯ USED COLOR
ЗРОБИТИ САМОМУ SCRATCH BUILD
x2 ЗРОБИТИ ДВІ ДЕТАЛІ MAKE 2 PCS
НЕ КЛЕЇТИ DO NOT CEMENT
ВІДРІЗАТИ CUT OFF
ЗРОБИТИ ОТВІР OPEN HOLE

УВАГА!
Перед складанням уважно прочитати керівництво з монтажу. Кожна деталь пронумерована. Дотримуватися послідовності монтажу. Необхідні робочі інструменти: ніж і напилок для зачистки деталей; гумова стрічка, клейка стрічка і прищіпки для біплани (для притиснення склеюваних деталей). Деталі з пластику очистити в розчині м'якого миючого засобу і висушити на повітрі для того, щоб фарба і перевідні картинки краще прилипали. Перед приклеюванням перевірити, чи підходять деталі; клей наносити економно. Хром і фарбу видалити з поверхонь склеювання. Невеликі деталі пофарбувати перед тим, як вони будуть видалені з рамок. Фарбу необхідно добре просушити, тільки після цього продовжувати складання. Кожну відповідну перевідну картинку вирізати окремо і приблизно на 20 секунд занурити в теплу воду. На позначеному місці картинку відокремити від паперу і притиснути промокальним папером.

CAUTION!
Read the instructions thoroughly prior to assembly. Each component is numbered. Adhere to specified sequence of assembly. Tools required: knife and file for removal of components from frame; rubber bond, adhesive tape and clothes pegs for clamping components together after applying adhesive. Clean plastic components in a mild detergent solution and allow to air-dry so that paint and transfers adhere better. Prior to applying adhesive, check to see whether the components fit together; apply adhesive sparingly. Remove chrome and paint from the contact surfaces. Paint small components before removing them from the frame. Allow paint to dry well, and only then continue to assemble. Cut out each transfer individually and immerse in warm water for approx. 20 seconds. Slide transfer off paper and into designated position, then press on with blotting paper.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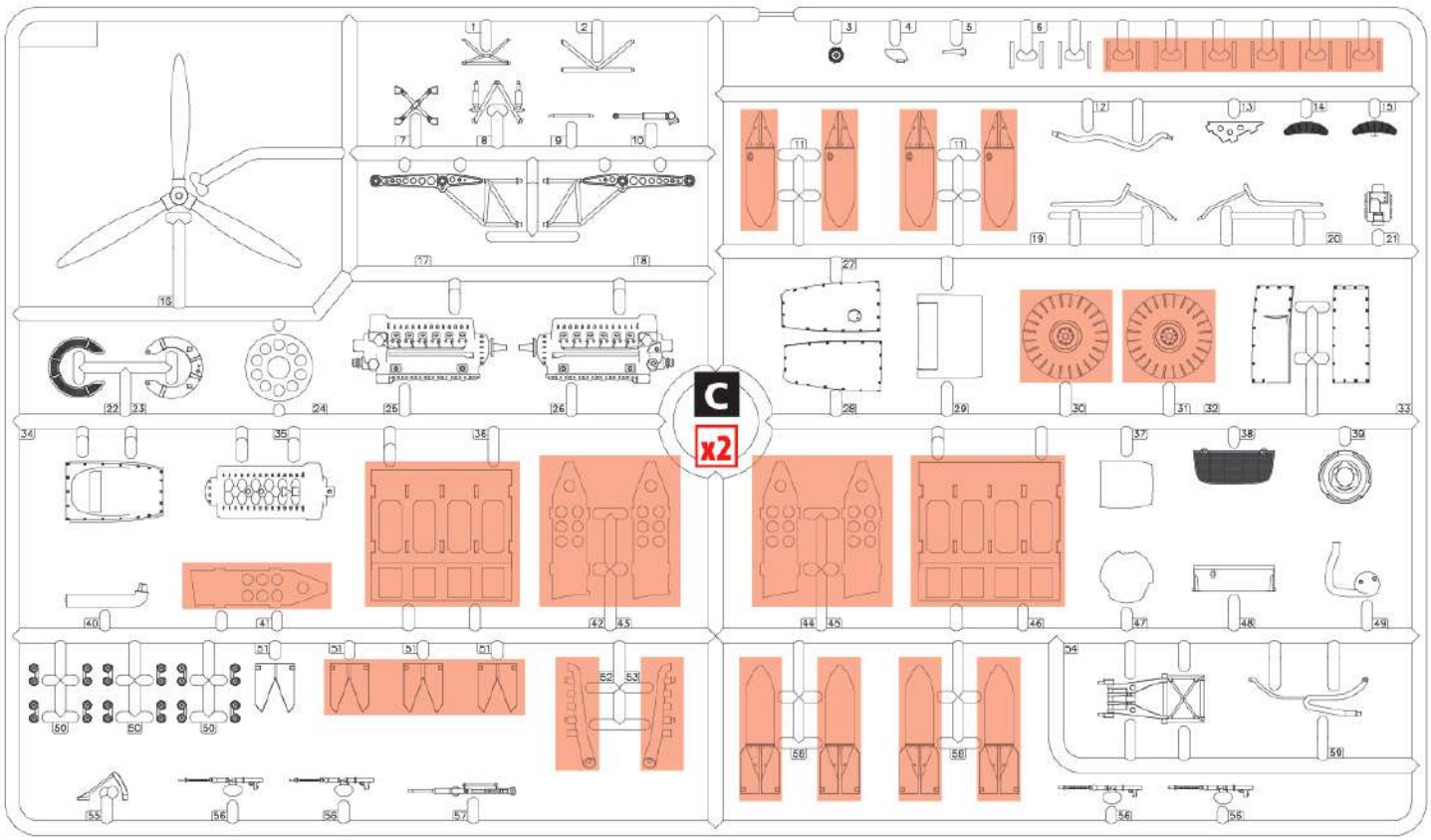
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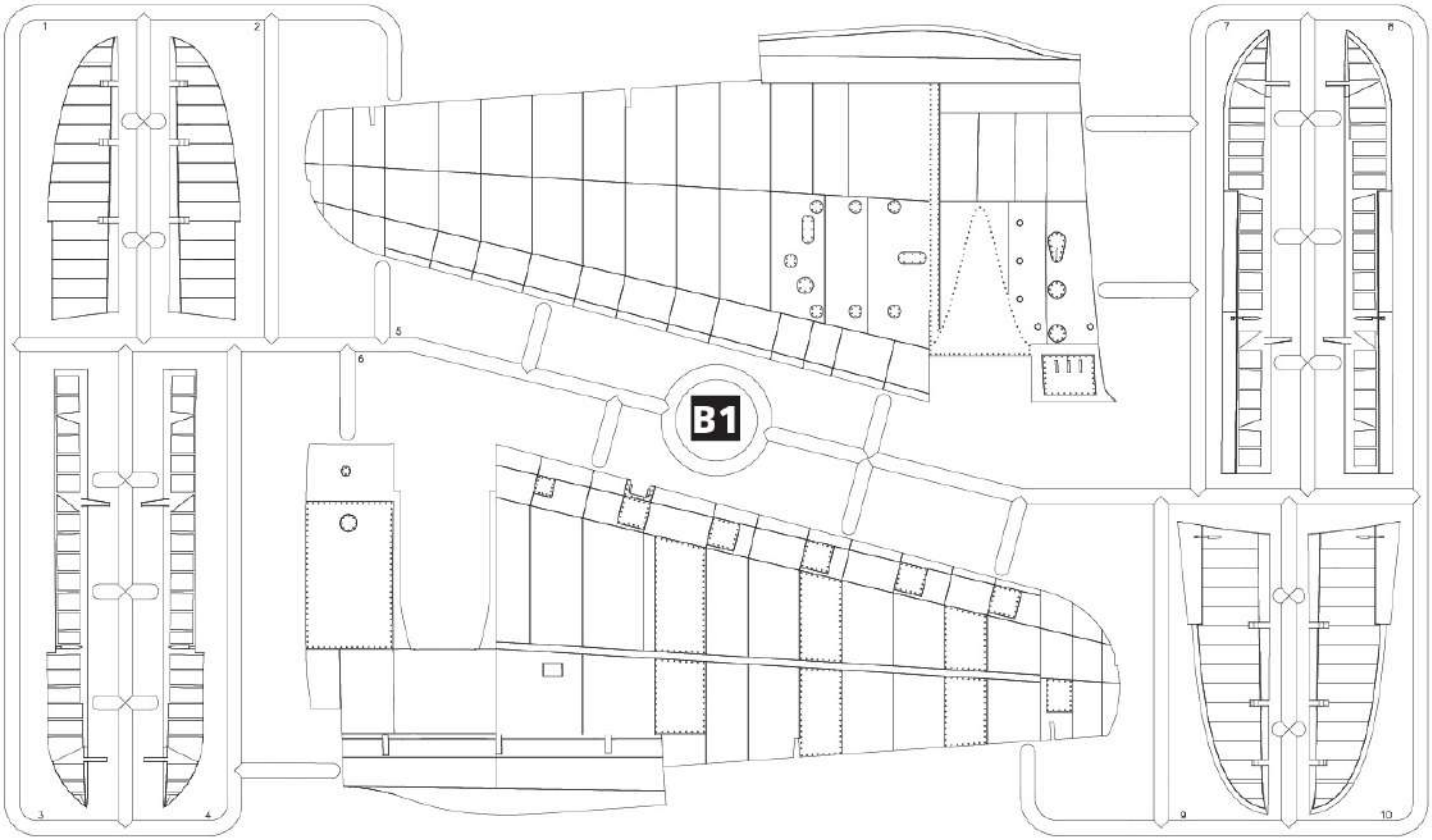
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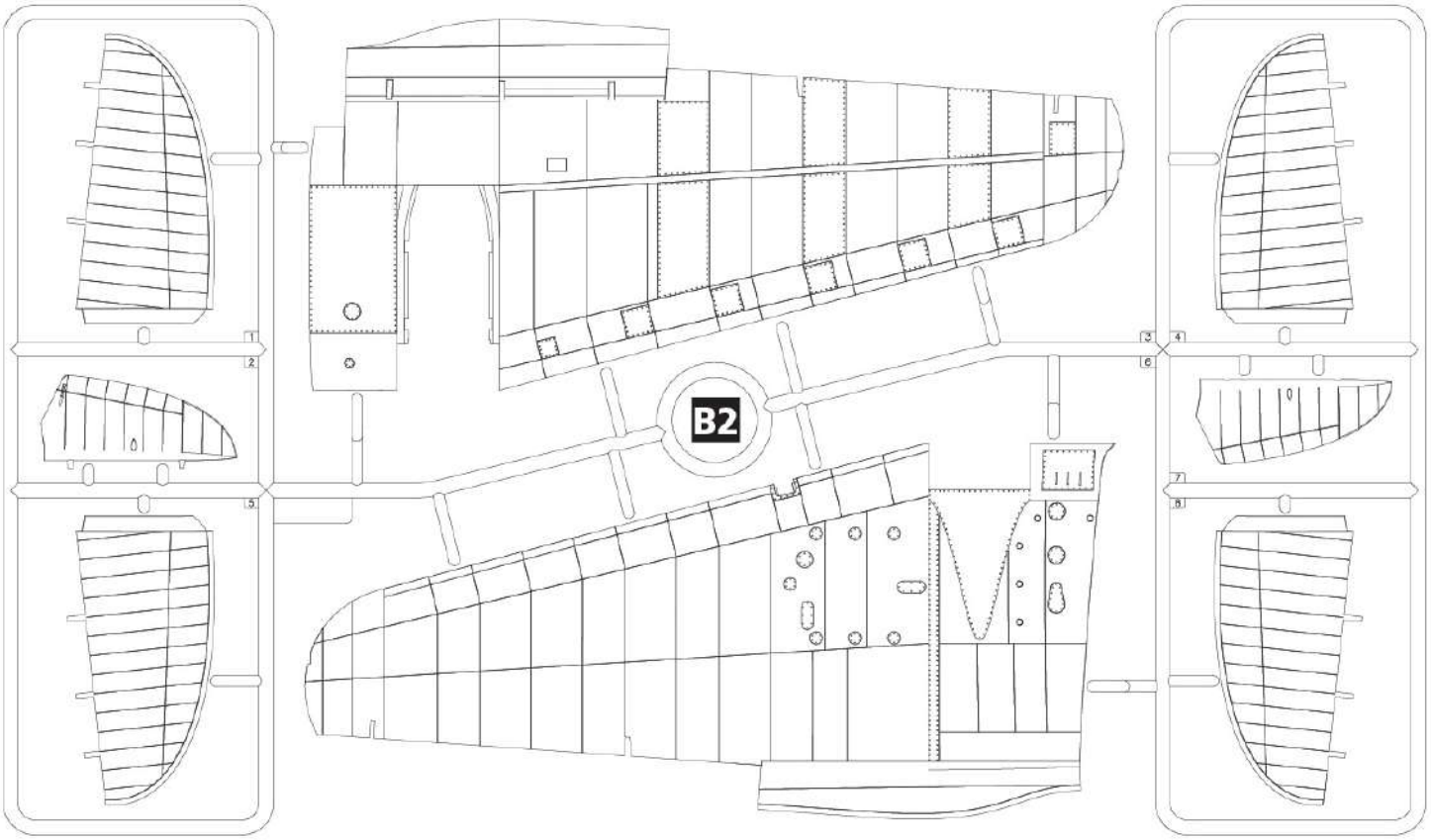
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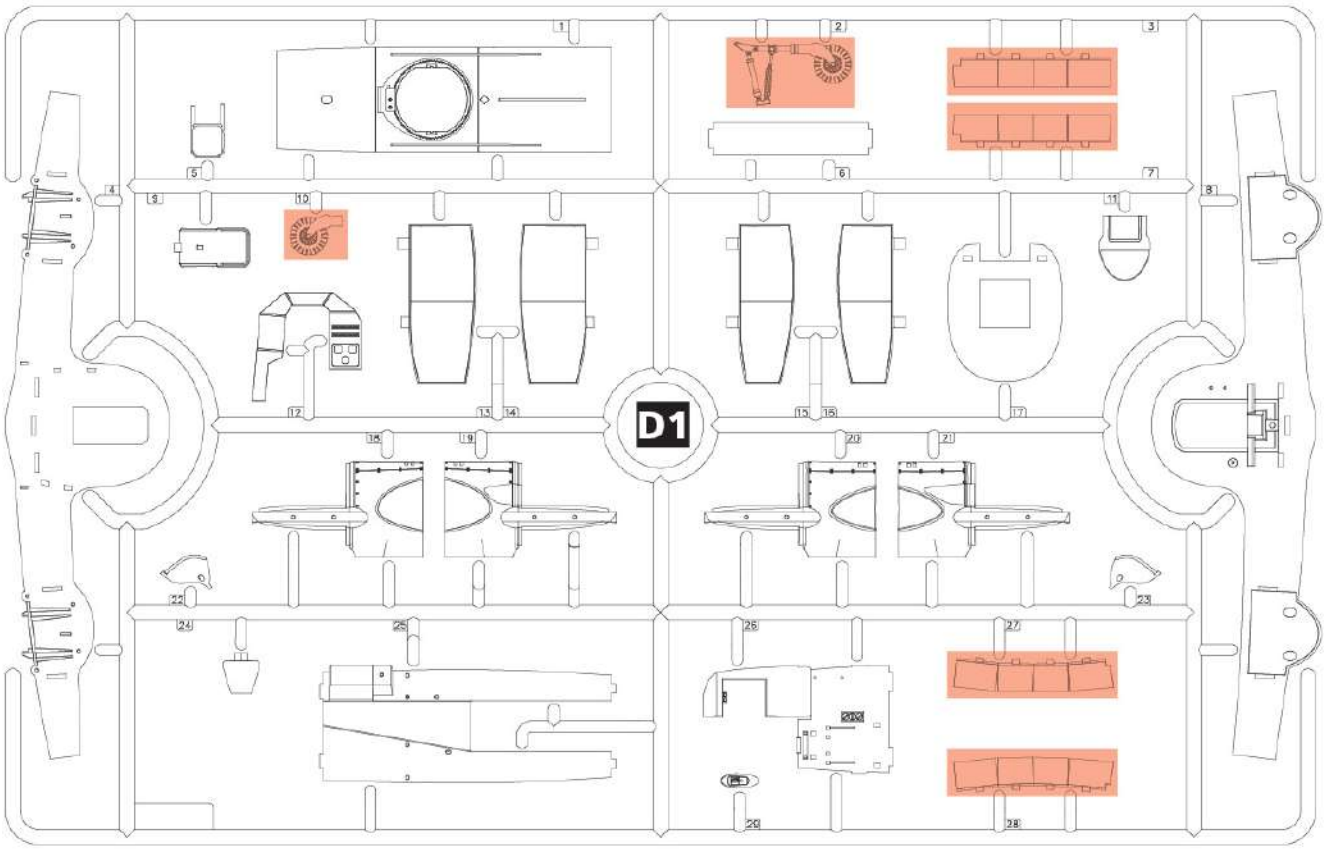
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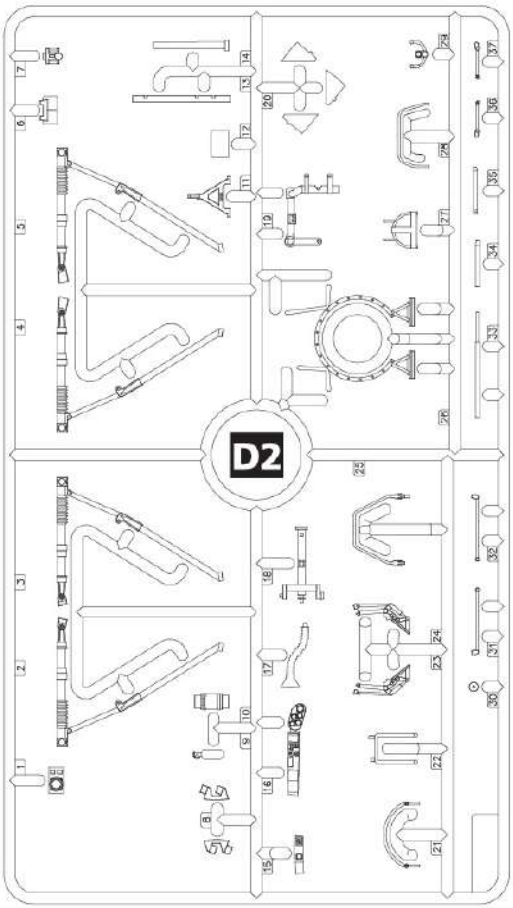
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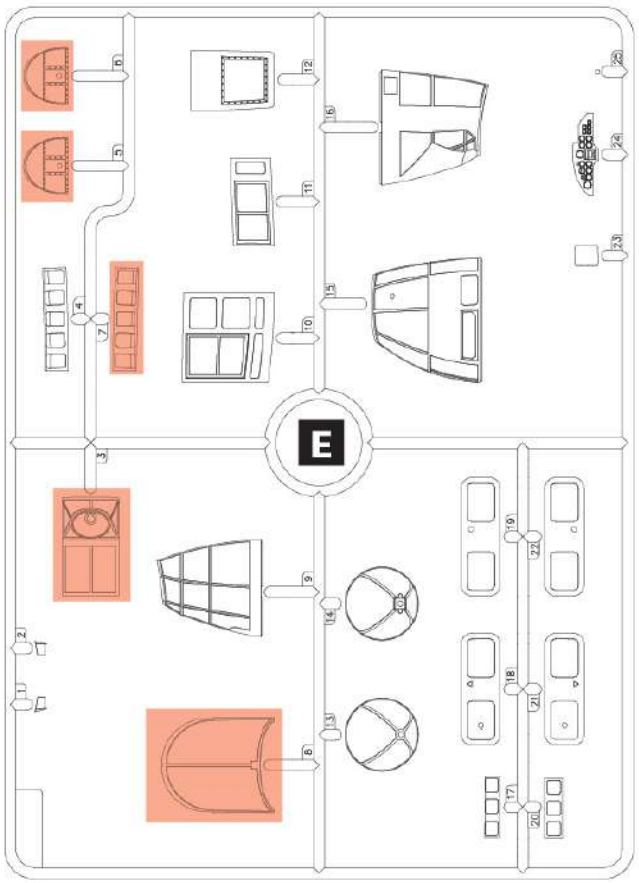
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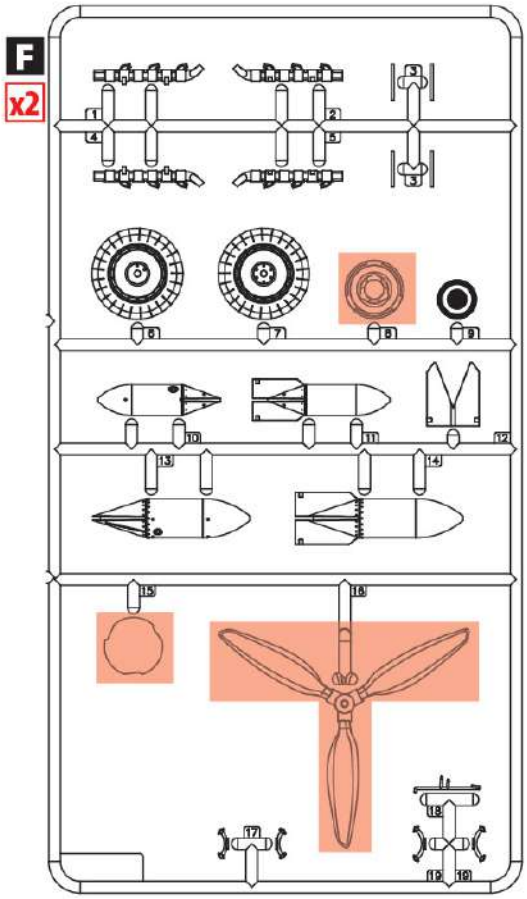
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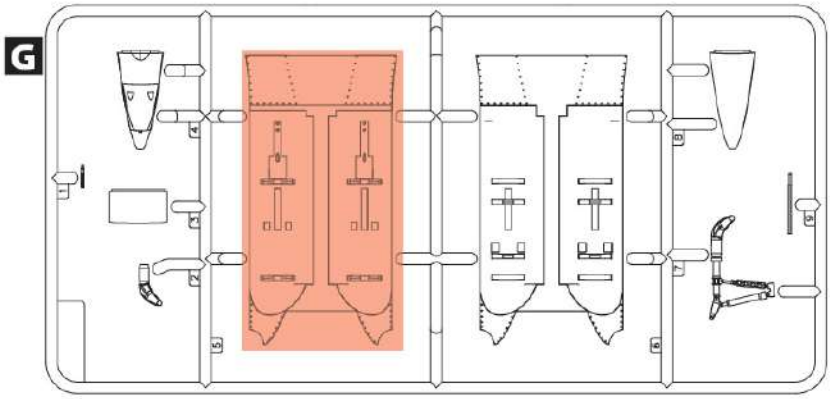
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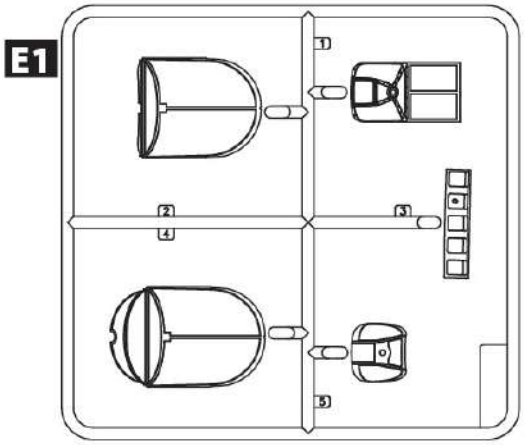
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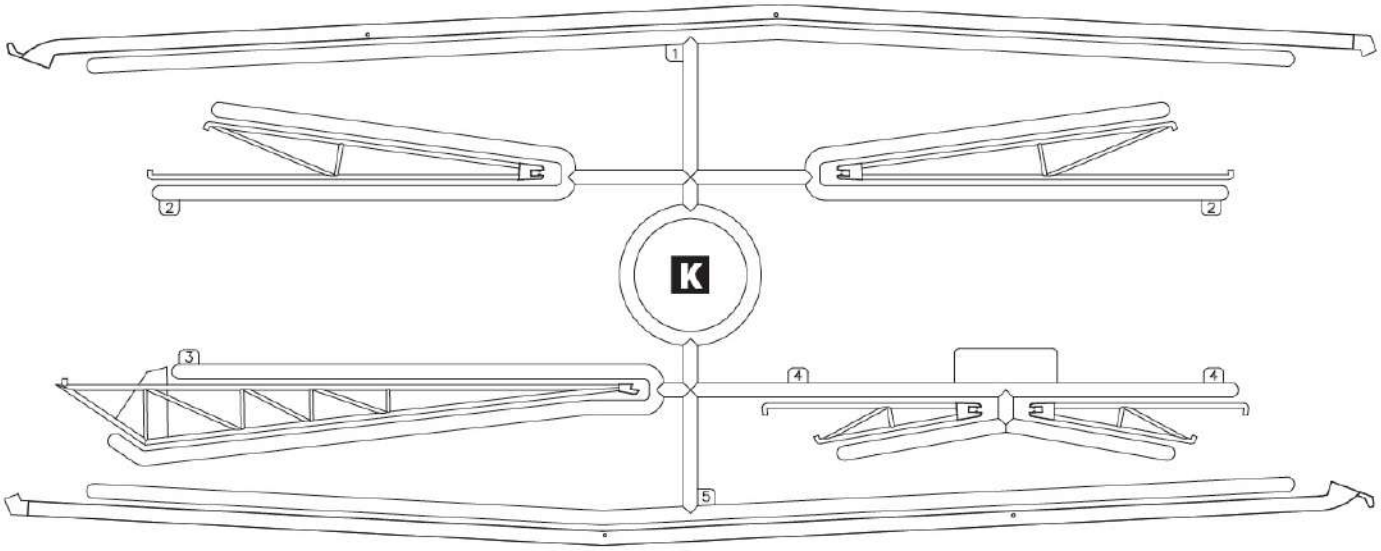
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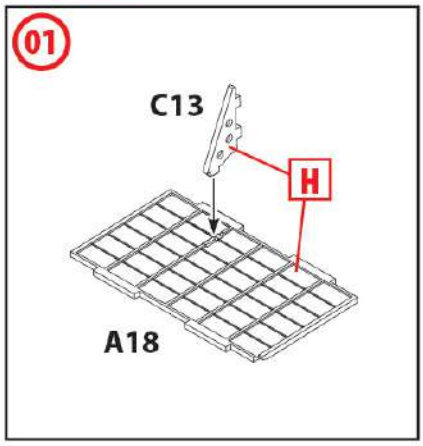
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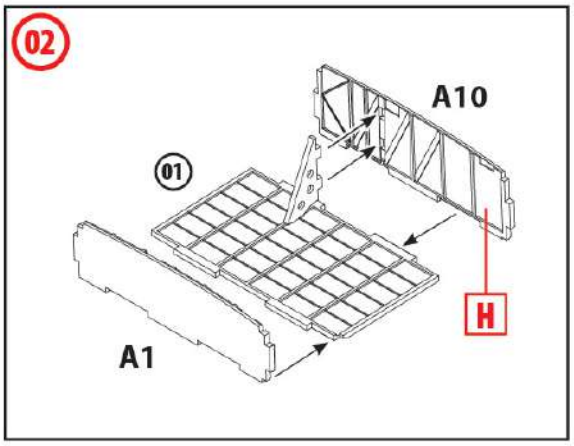
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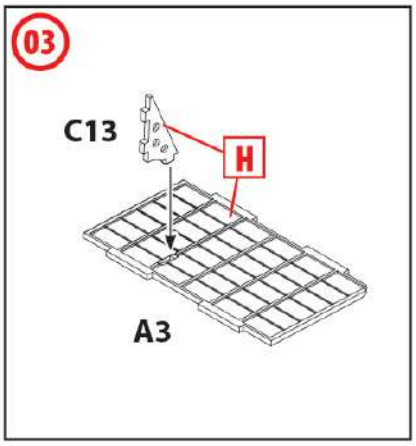
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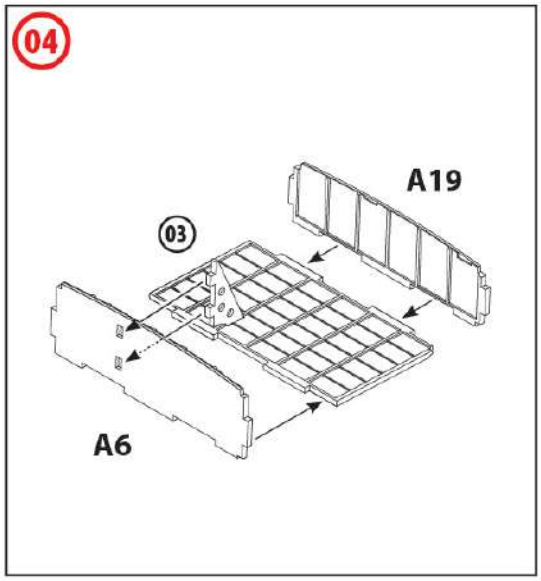
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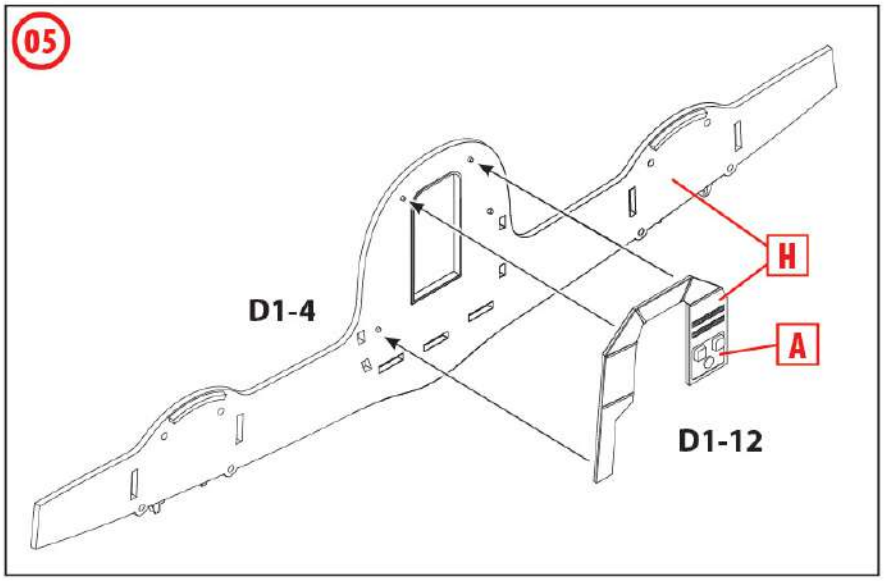
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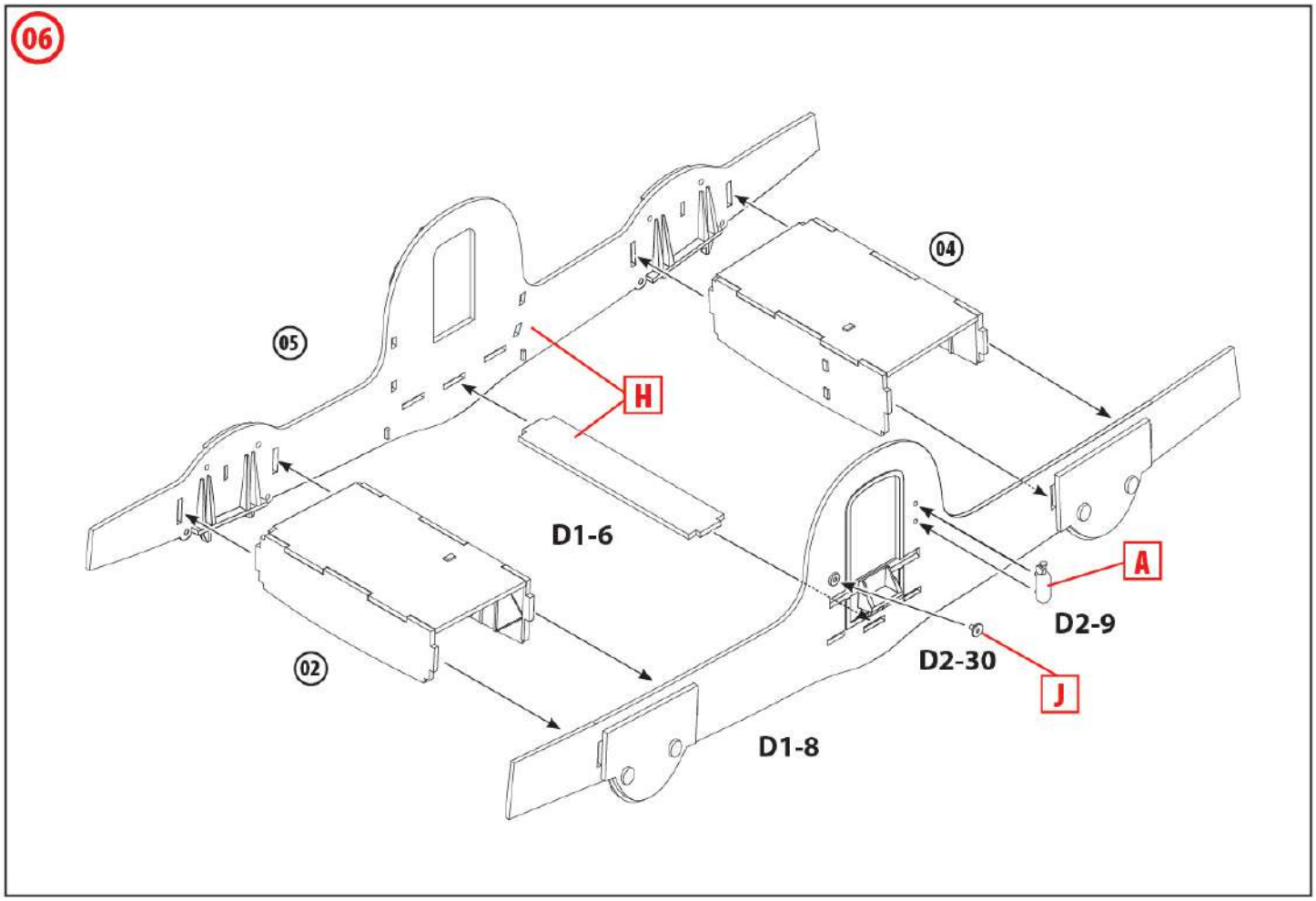
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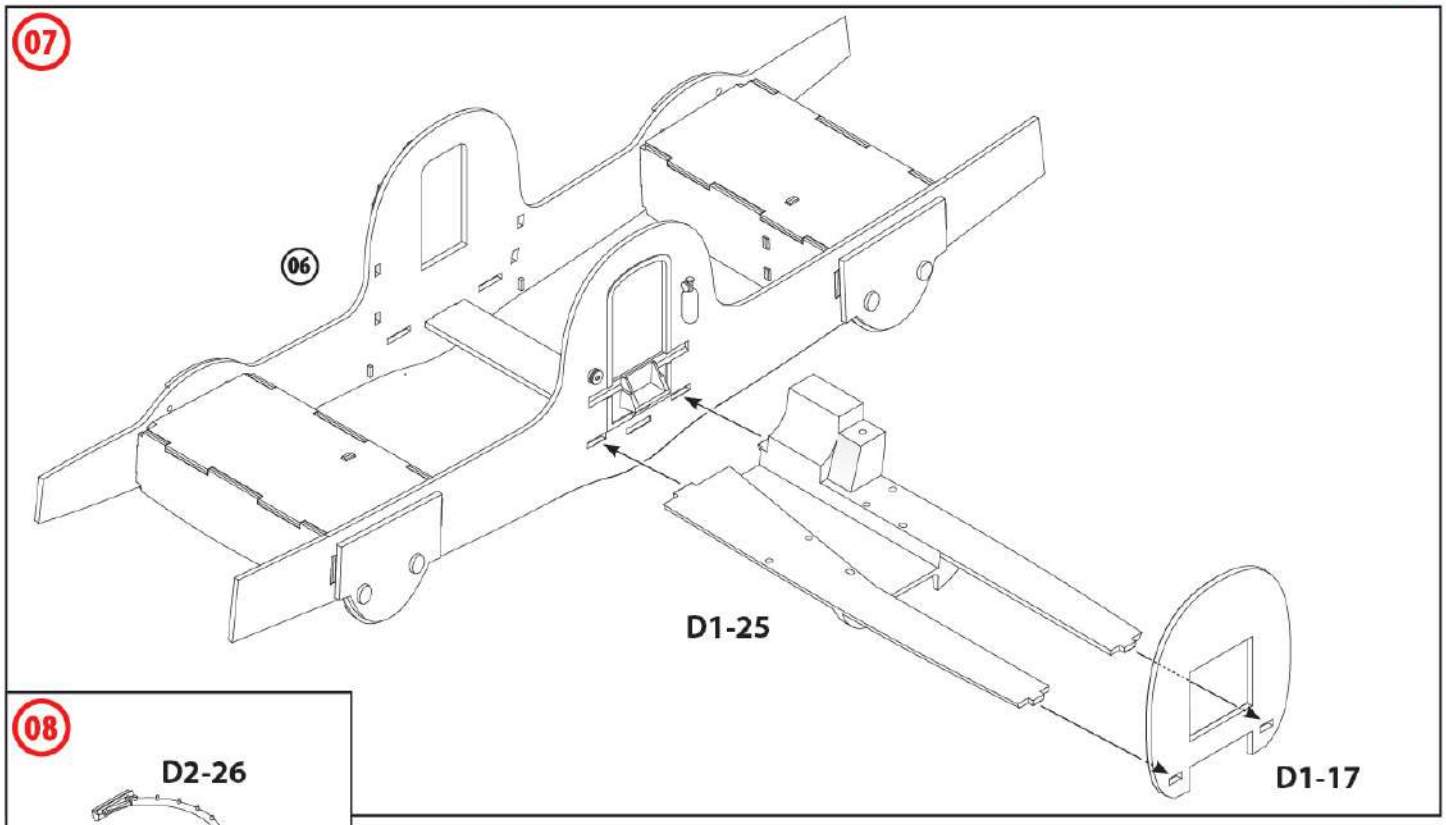
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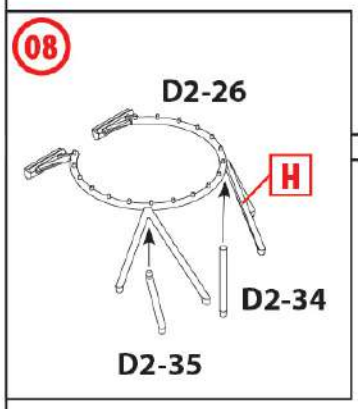
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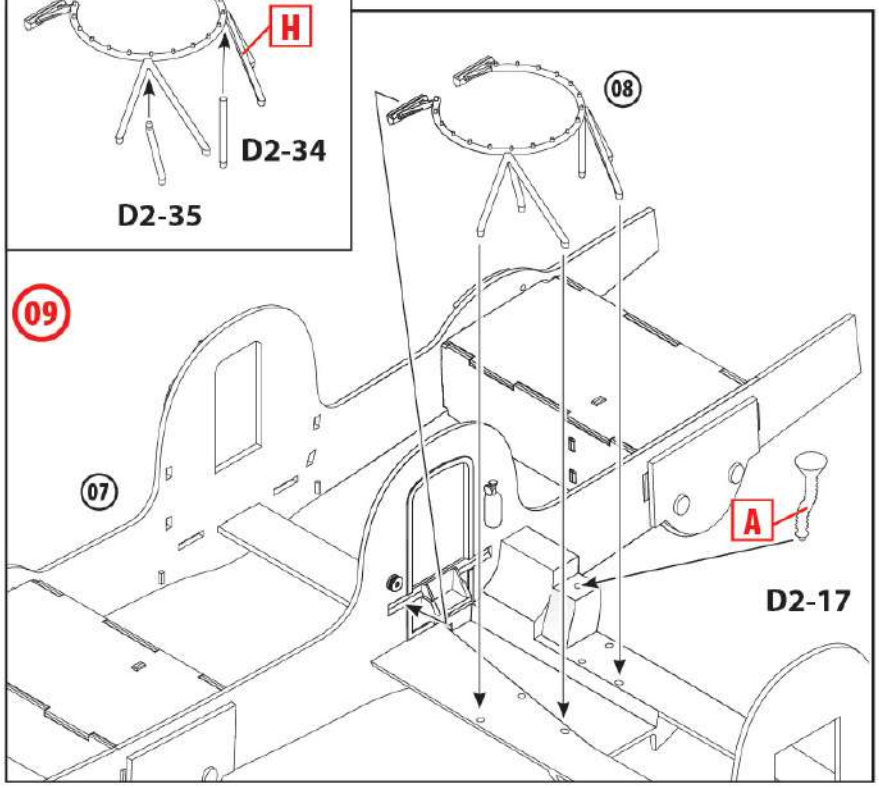
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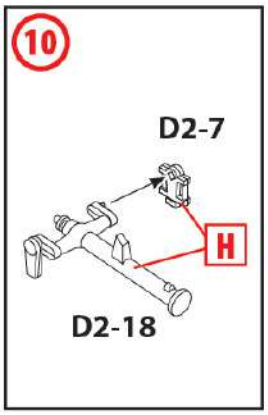
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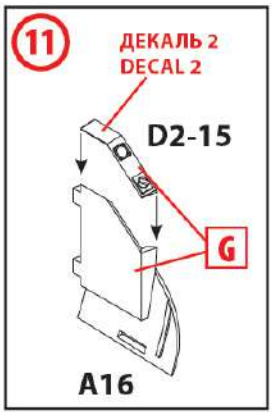
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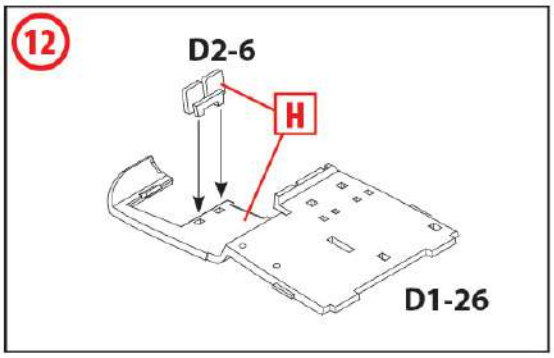
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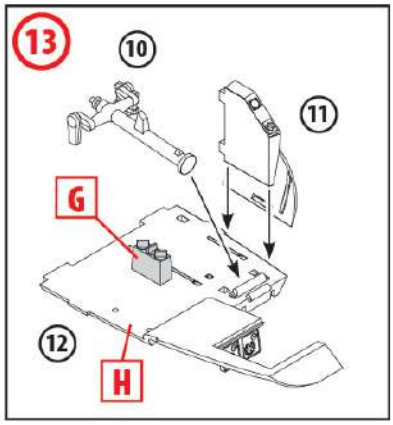
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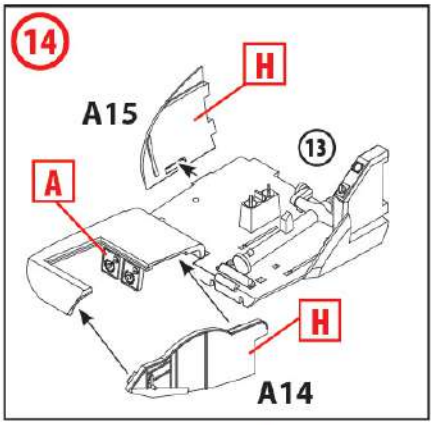
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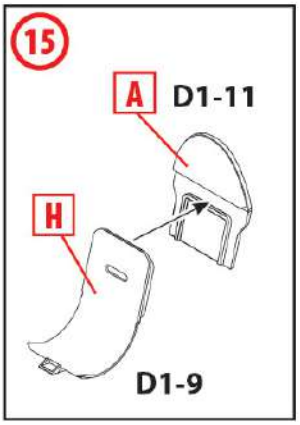
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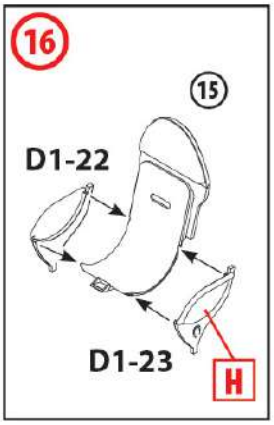
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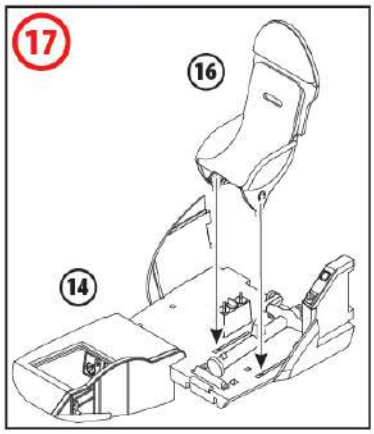
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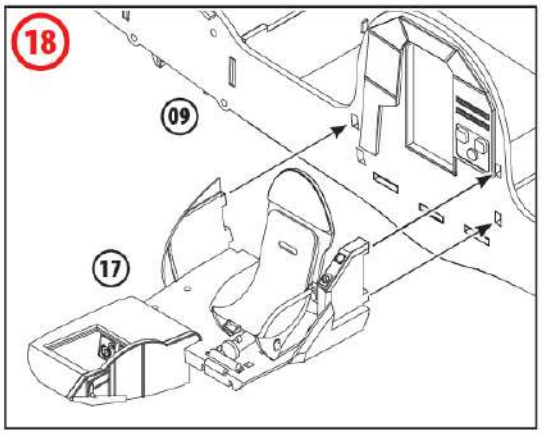
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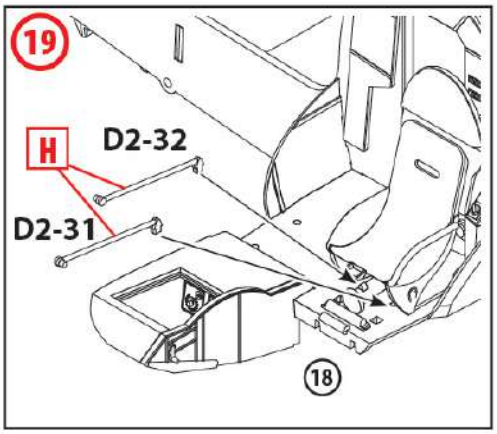
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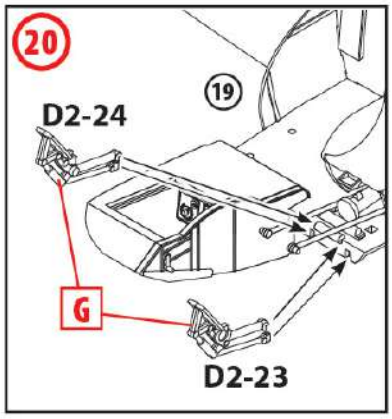
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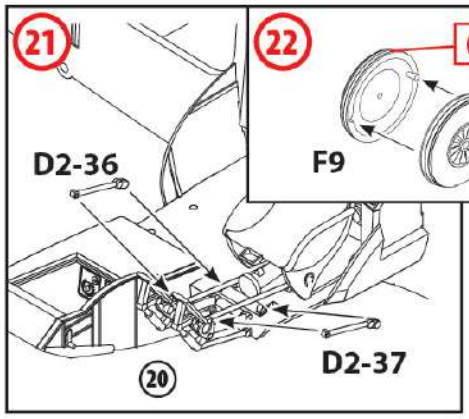
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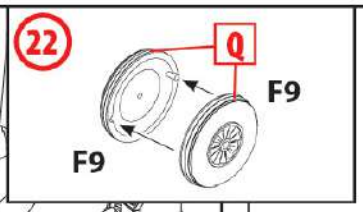
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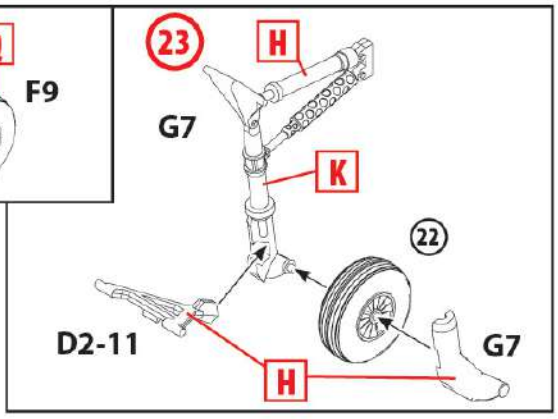
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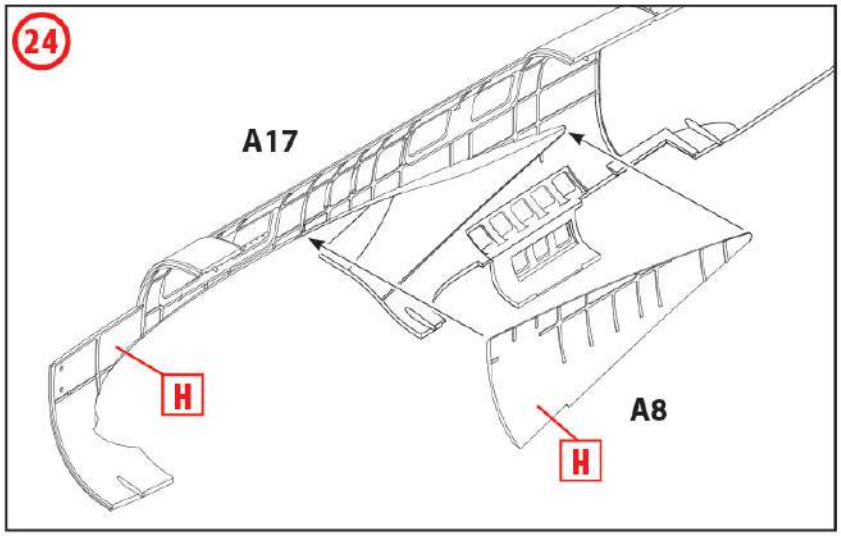
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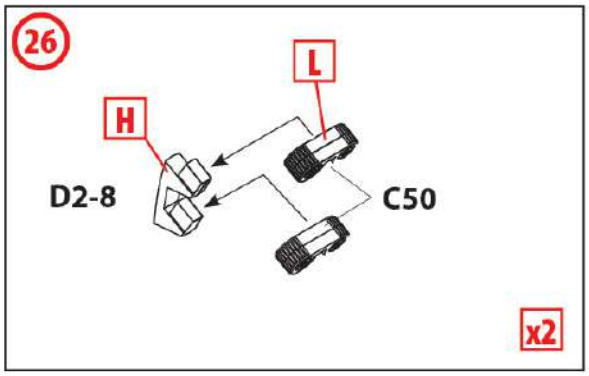
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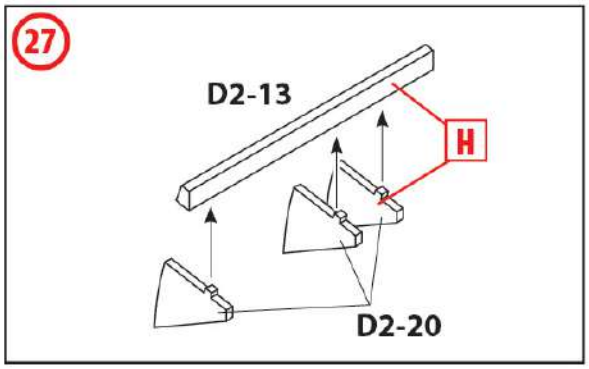
D2-8
C50
x2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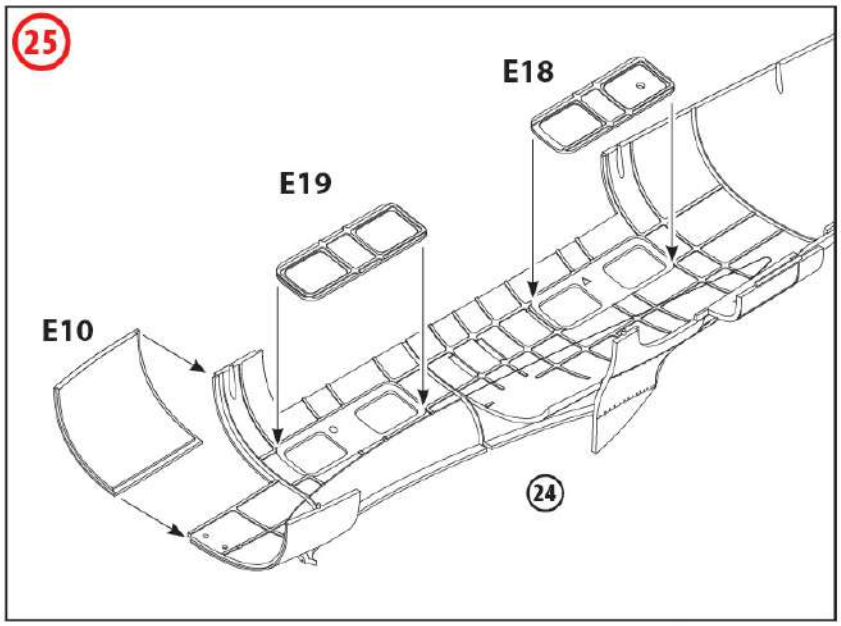
H
D2-20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E19
E10
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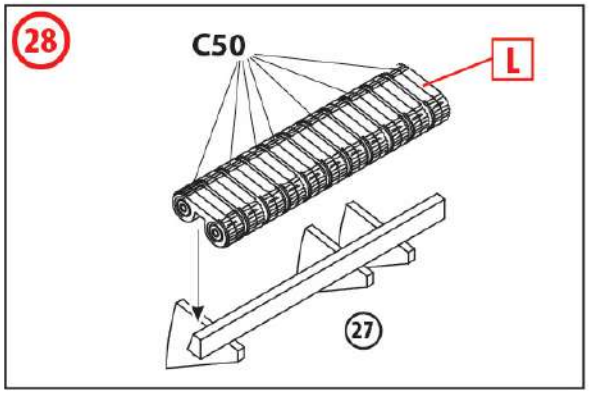
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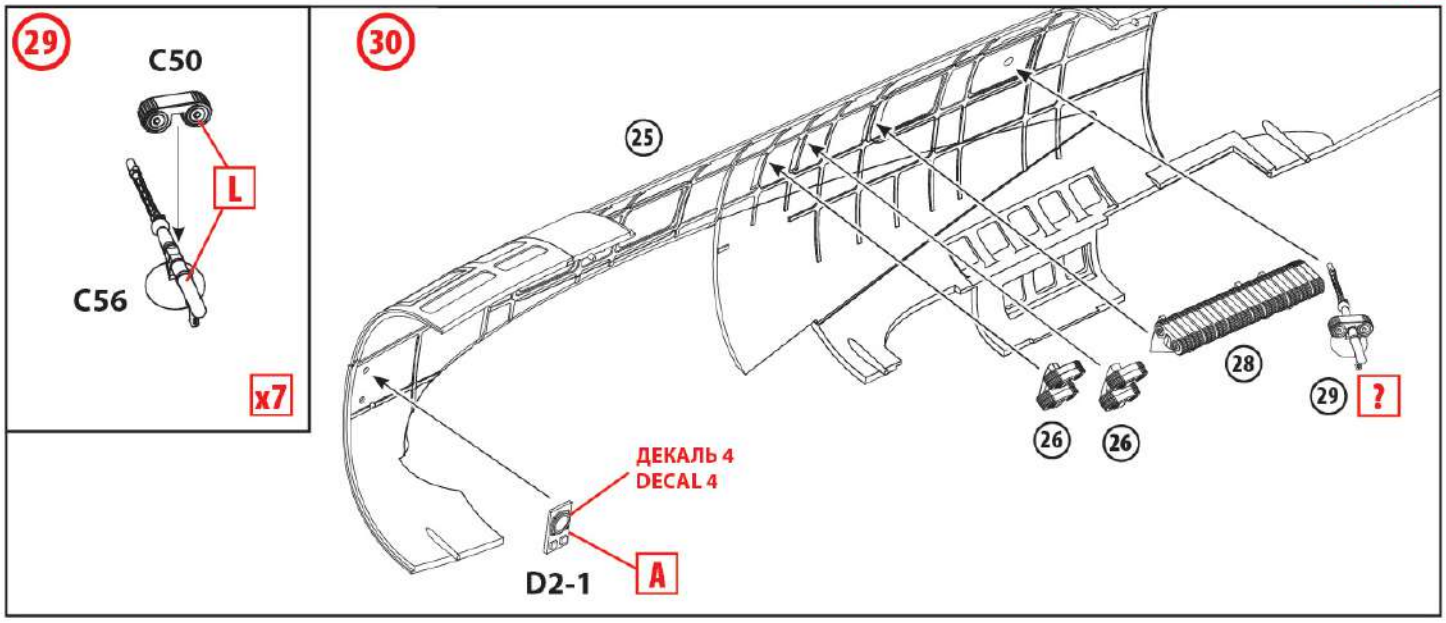
29
C50
L
C56
x7
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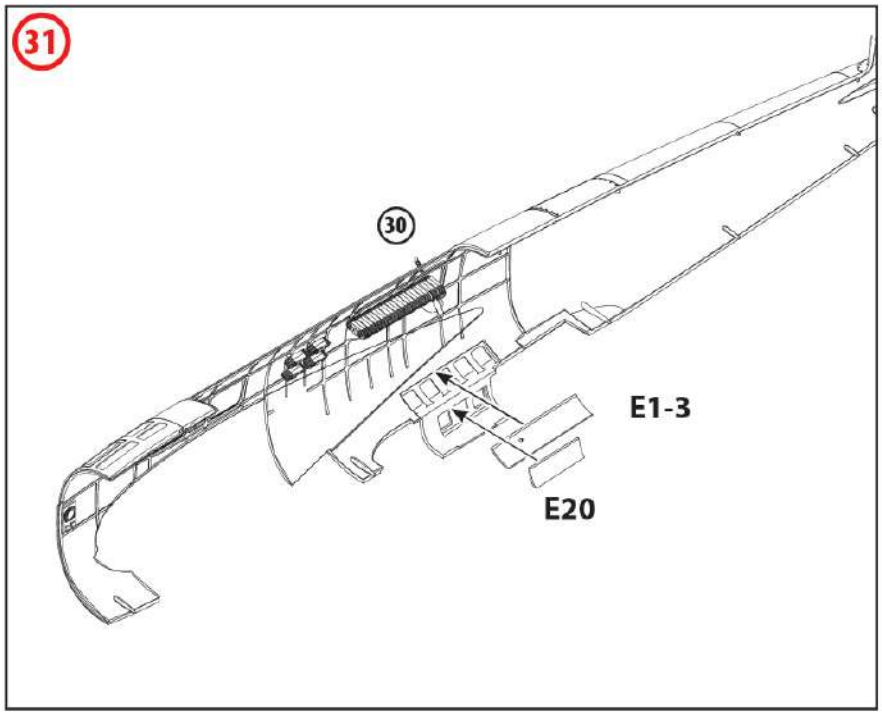
?
26
26
ДЕКАЛЬ 4
DECAL 4
A
D2-1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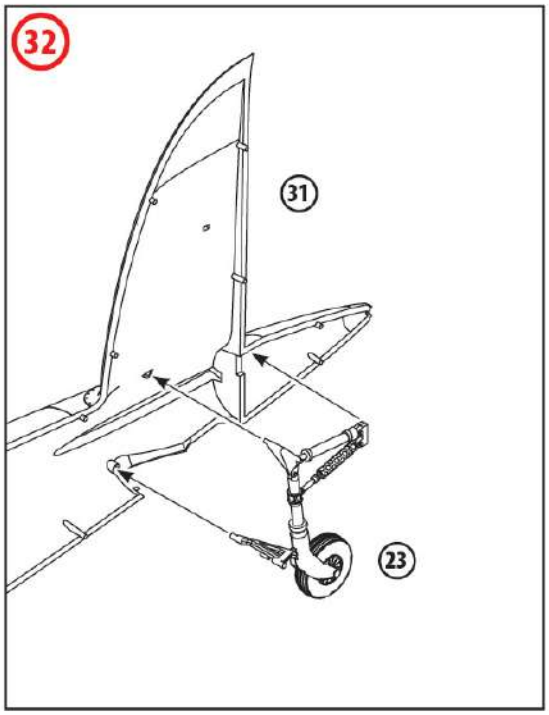
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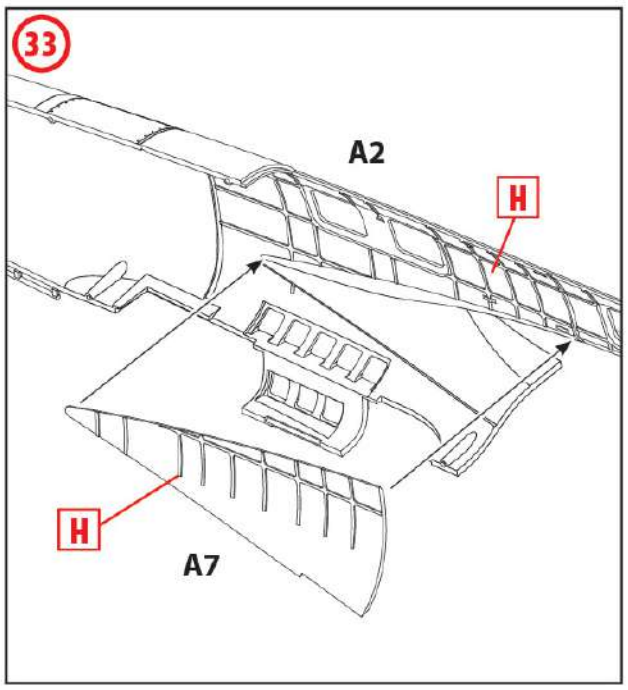
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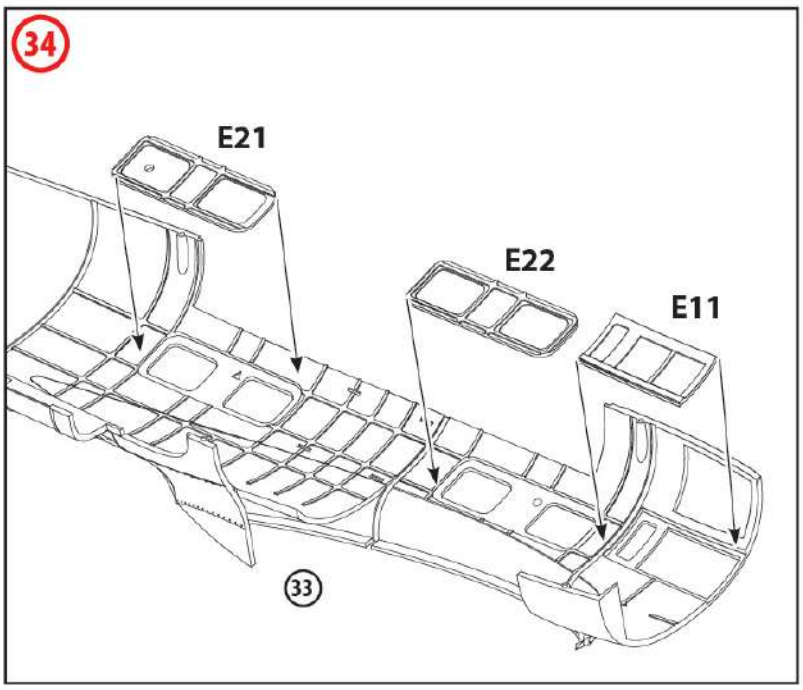
A7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E22
E11
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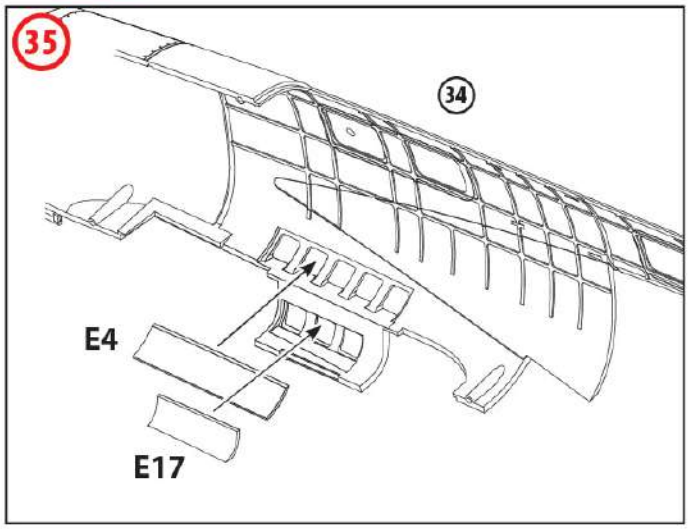
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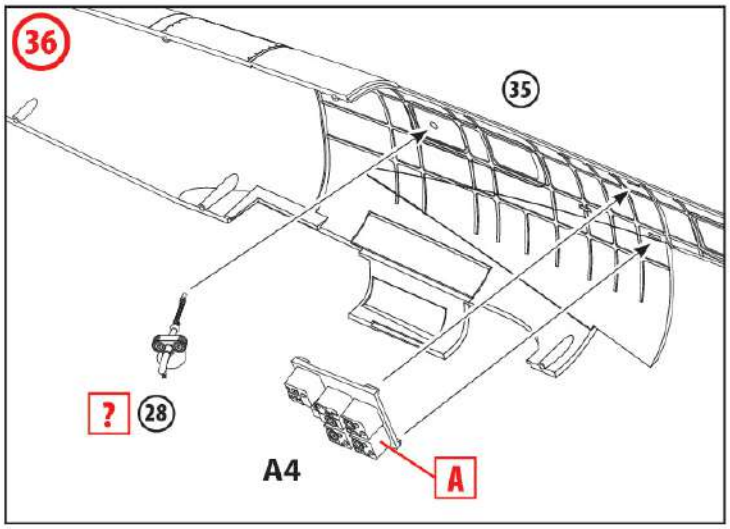
E4
E17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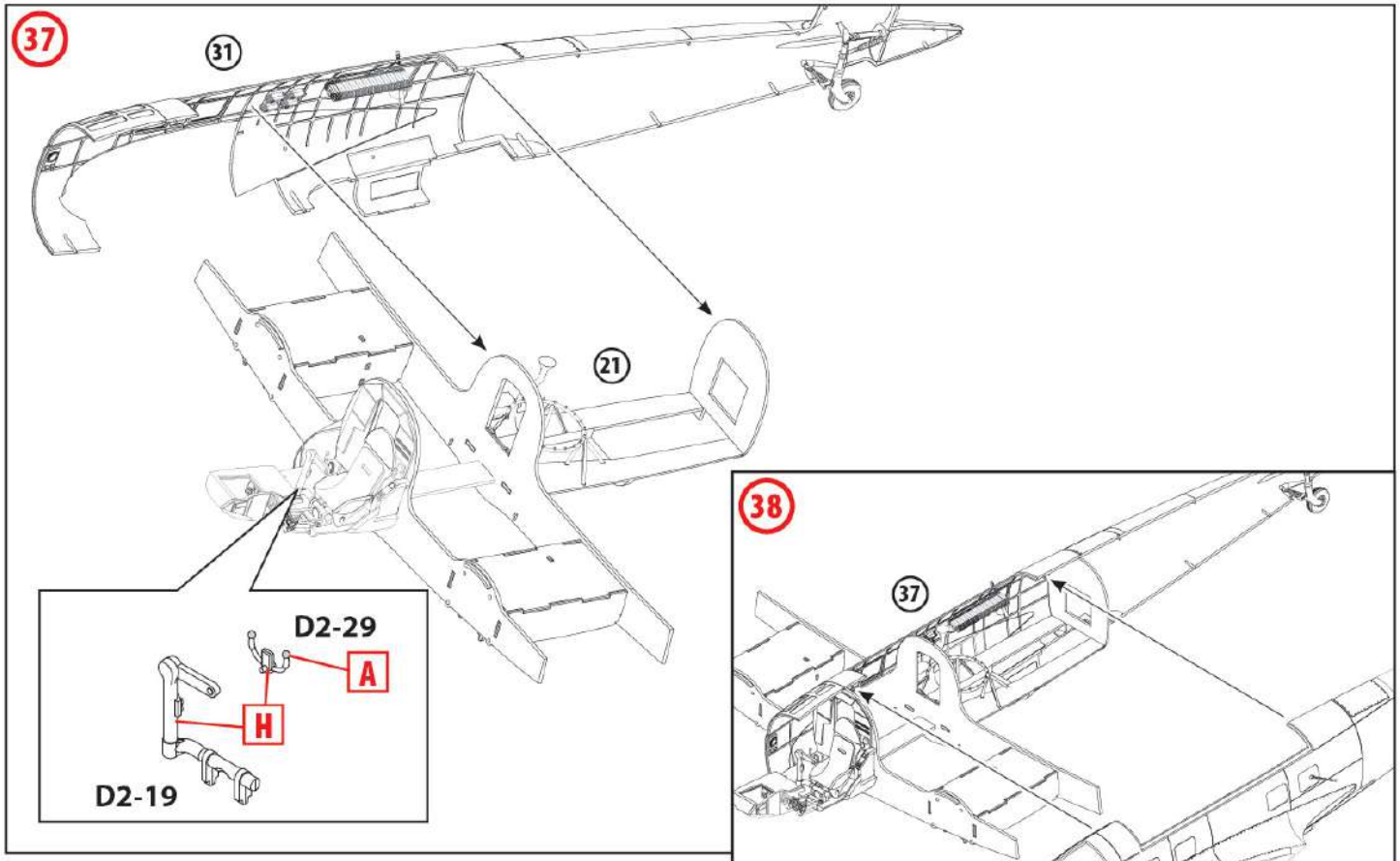
?
28
A4
A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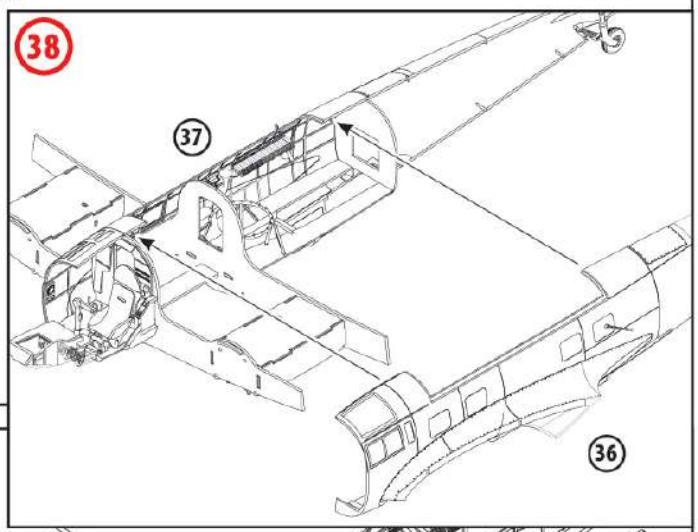
D2-29
A
H
D2-19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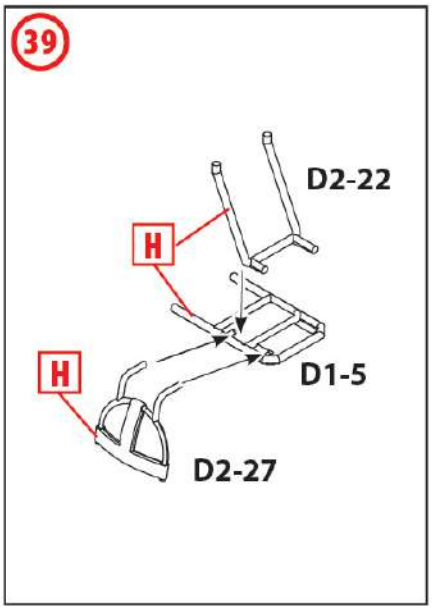
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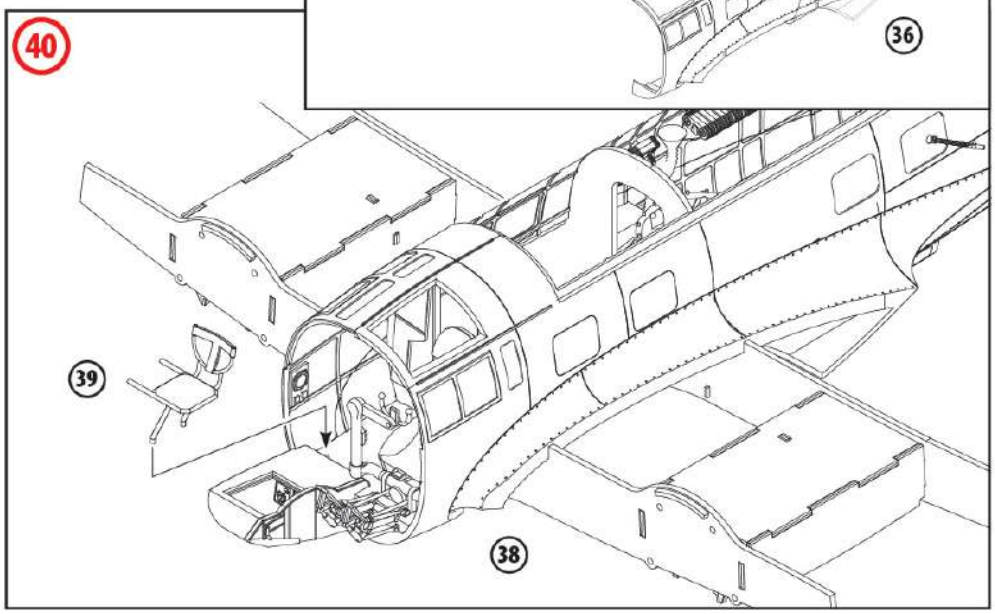
H
H
D1-5
D2-27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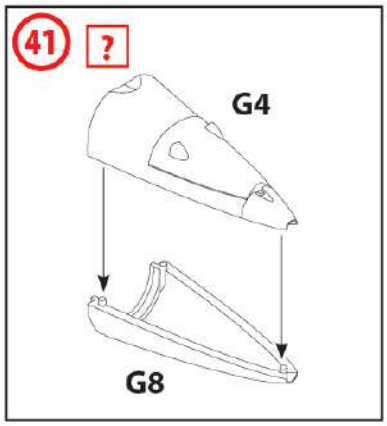
41
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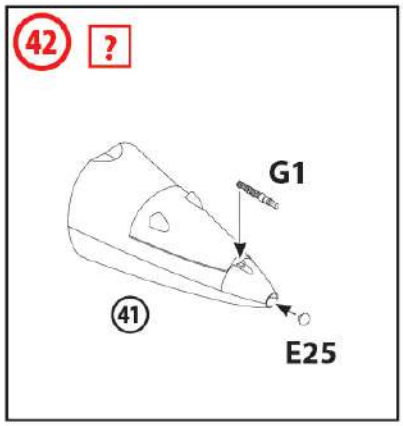
G4
G8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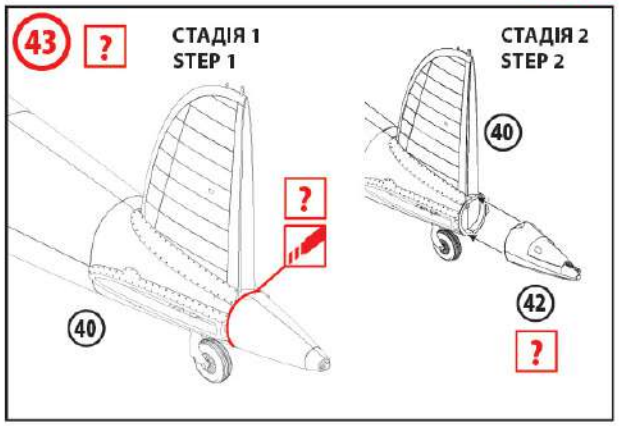
G1
41
E25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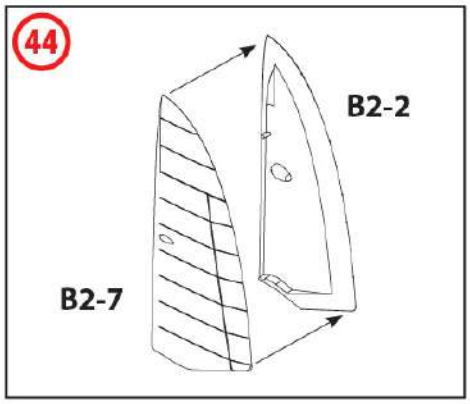
?
СТАДІЯ 1
STEP 1
СТАДІЯ 2
STEP 2
40
?
42
?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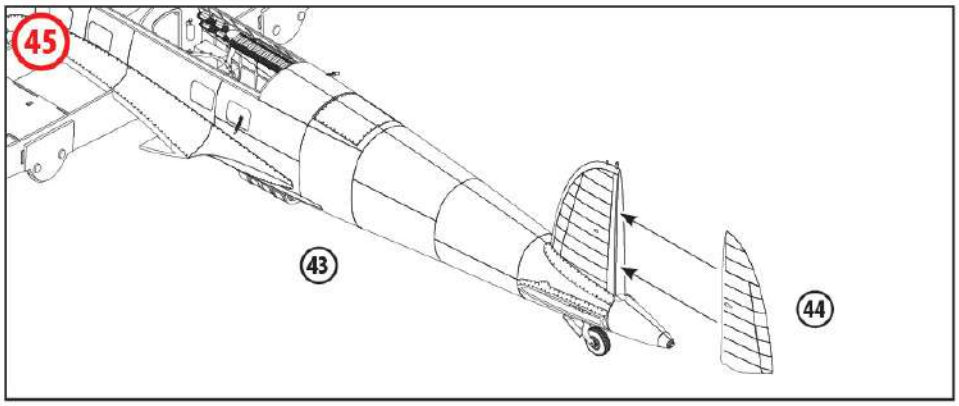
B2-7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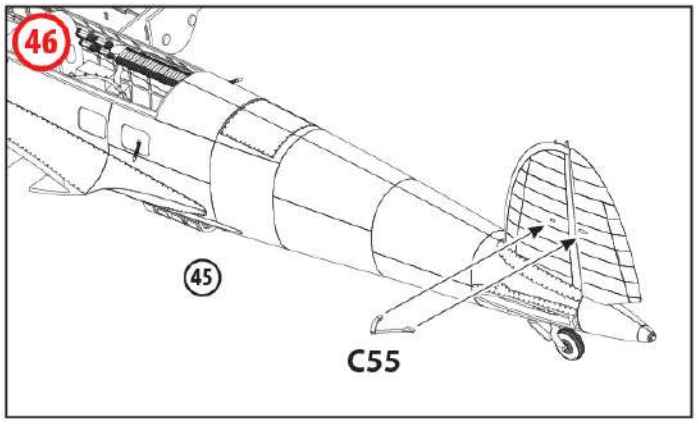
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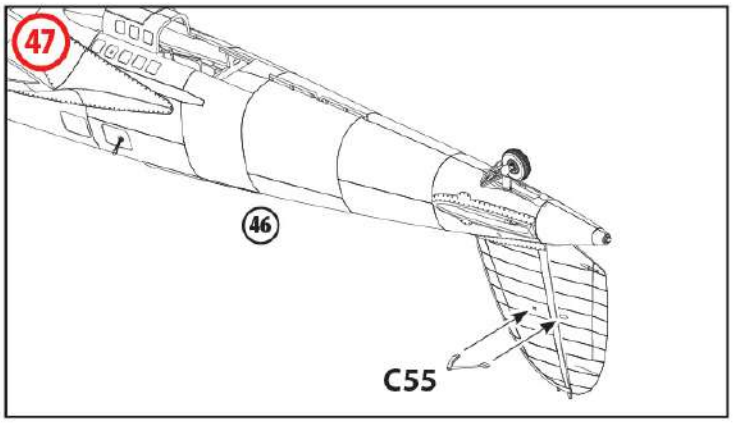
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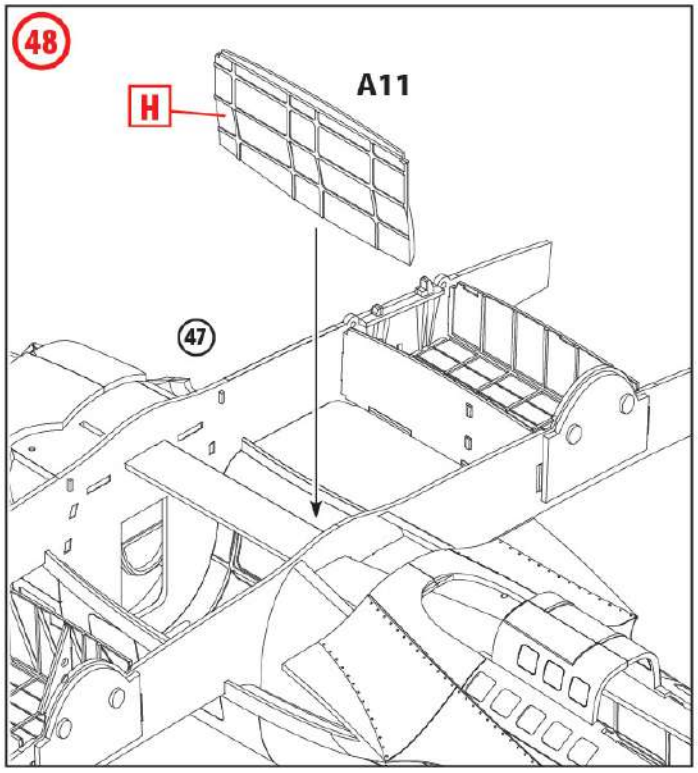
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A11
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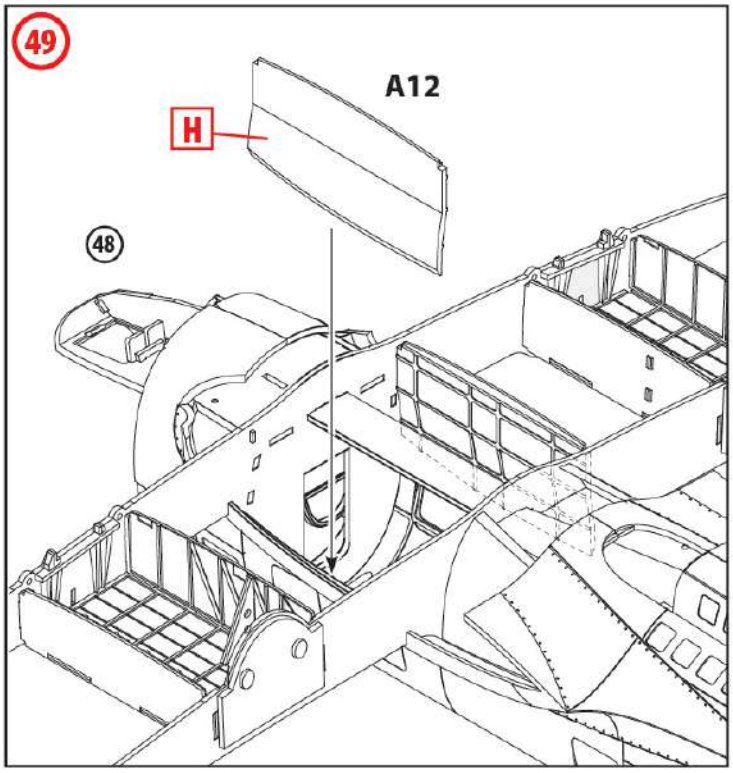
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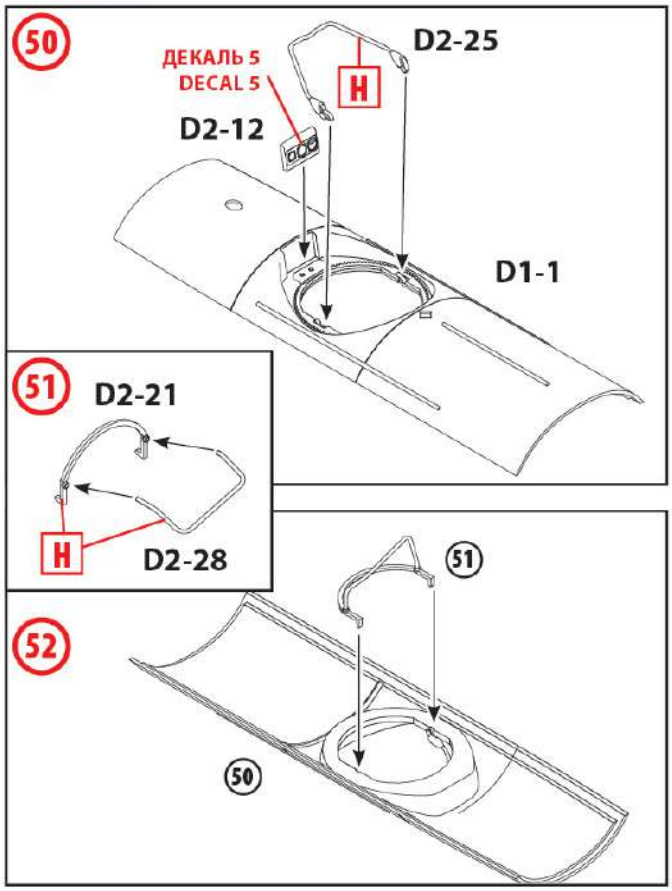
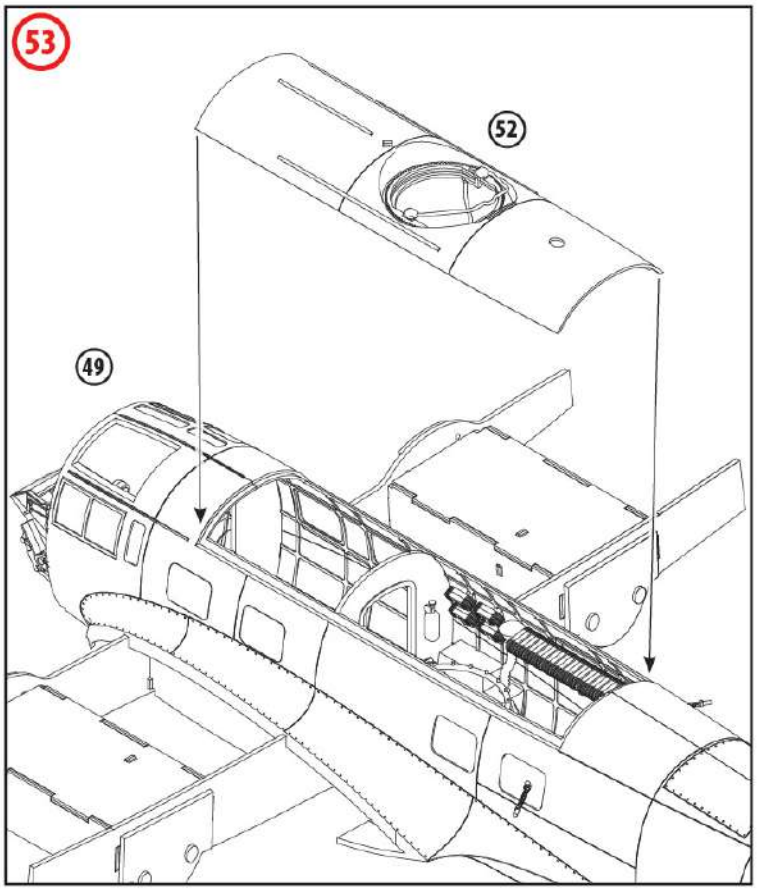

50
ДЕКАЛЬ 5
DECAL 5
D2-25
H
D2-12
D1-1
51
D2-21
H
D2-28
52
51
50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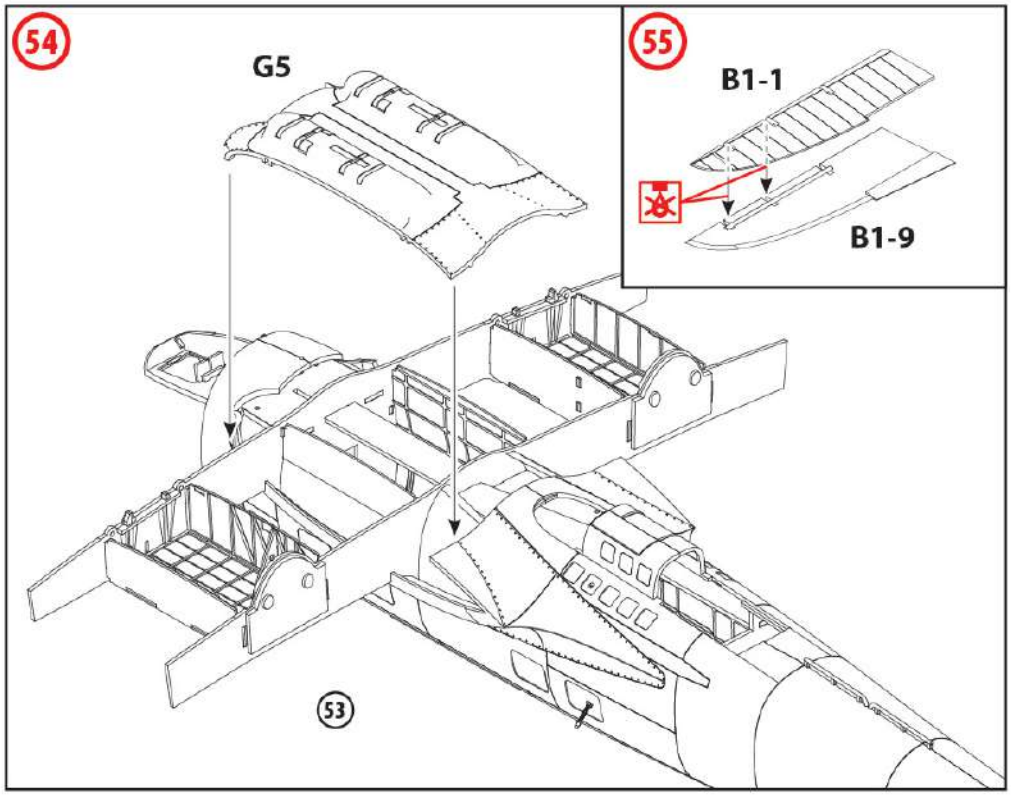
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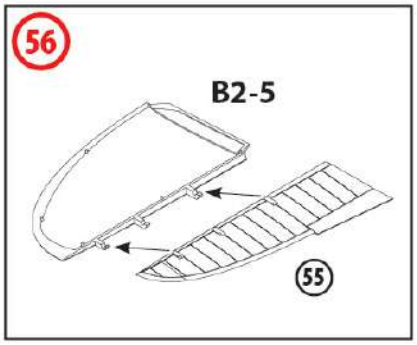
B1-9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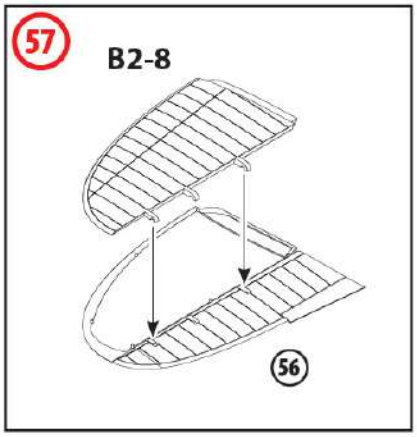
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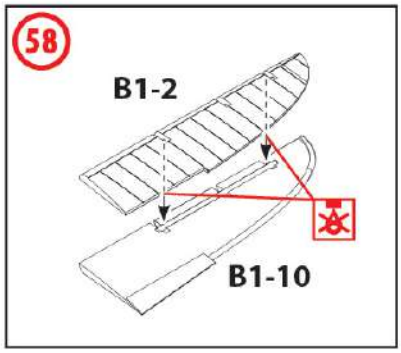
B2-8
56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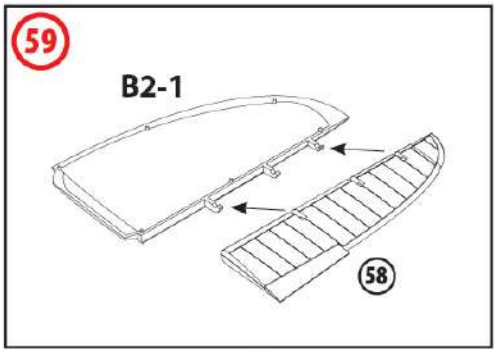
B1-2
B1-10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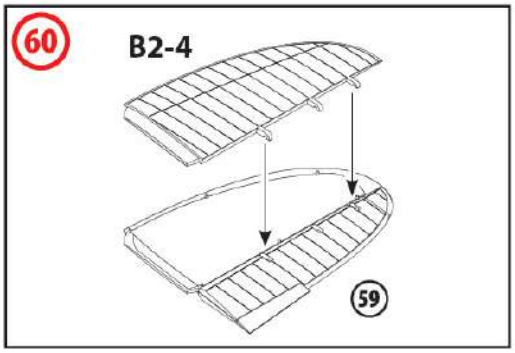
58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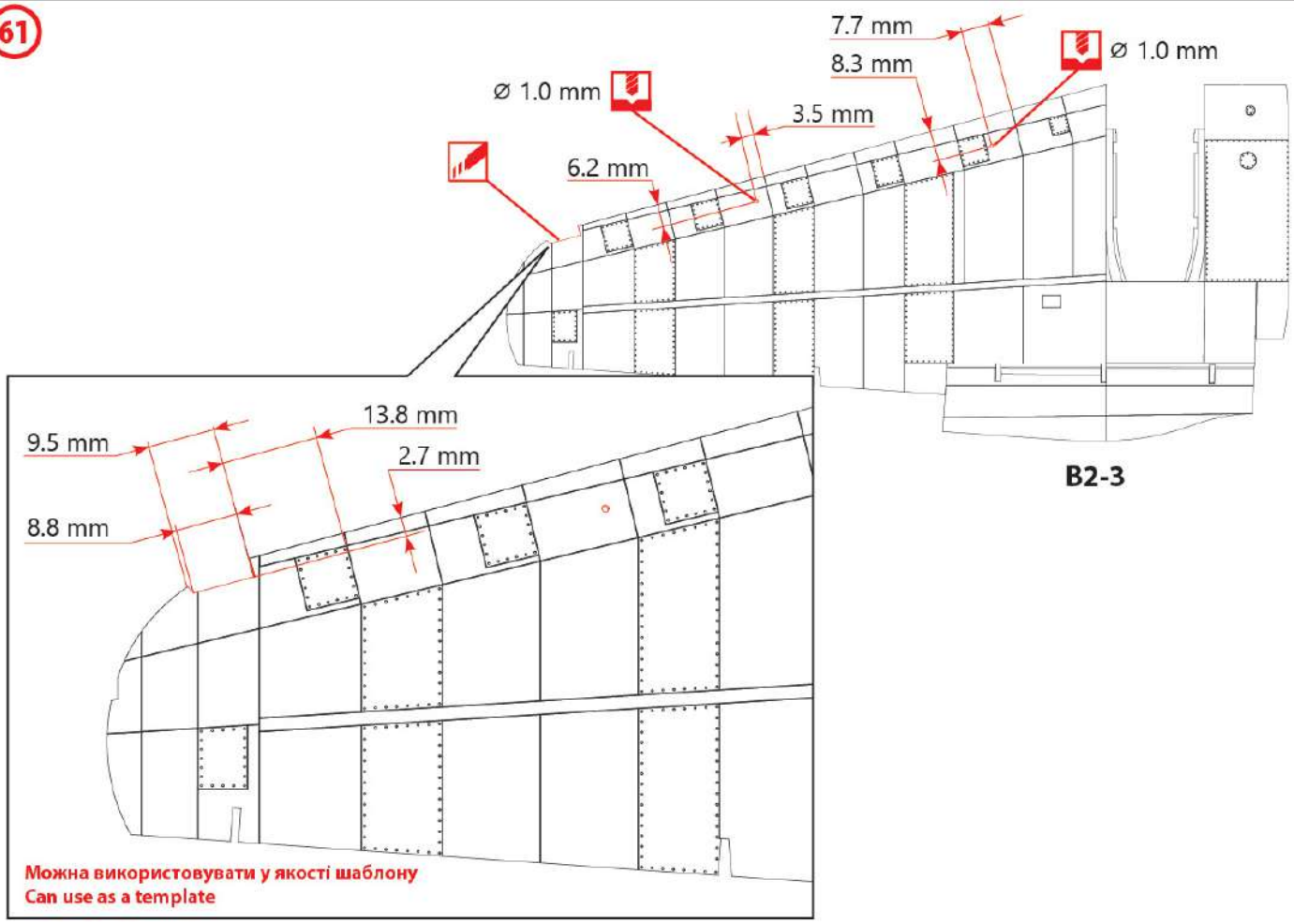
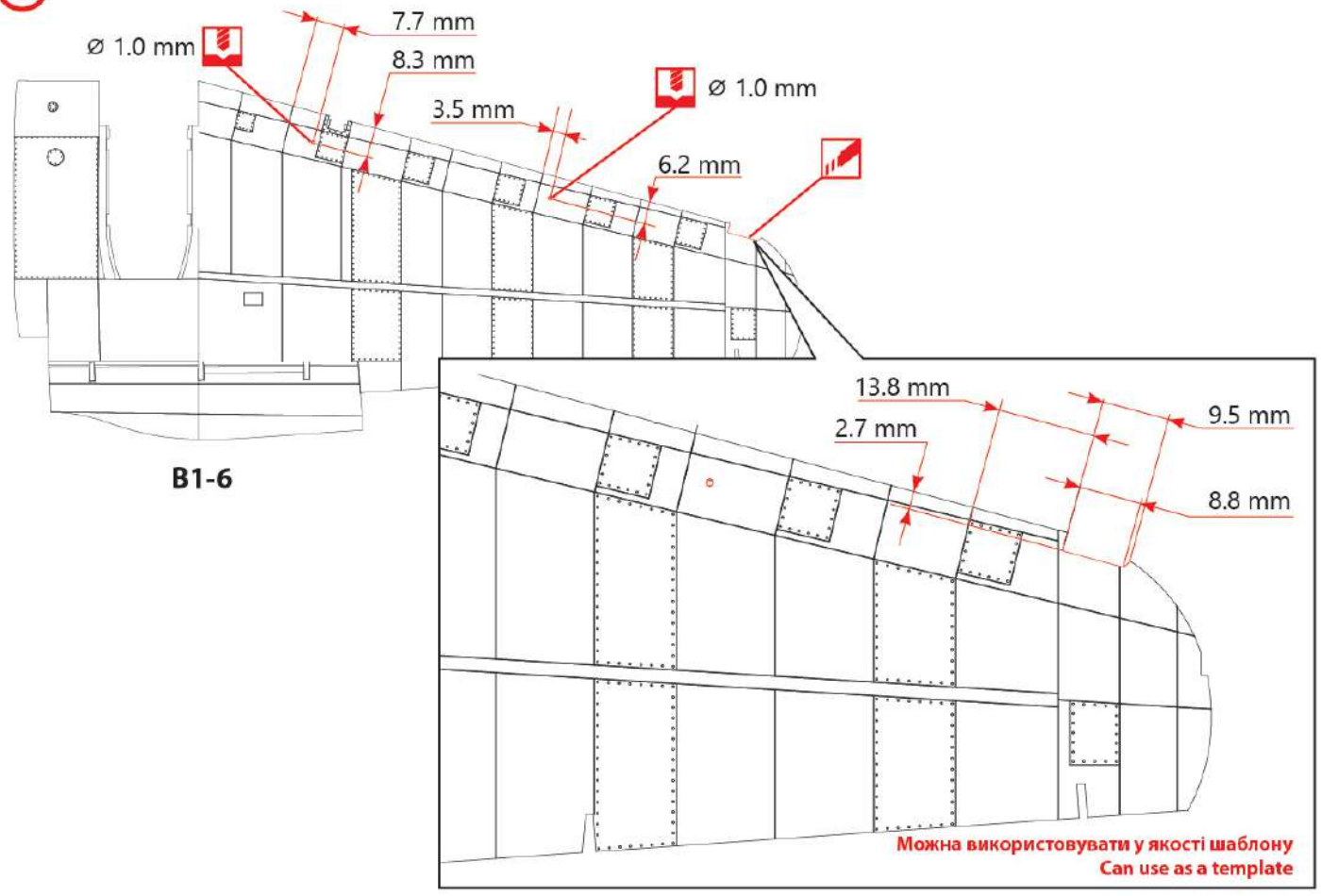
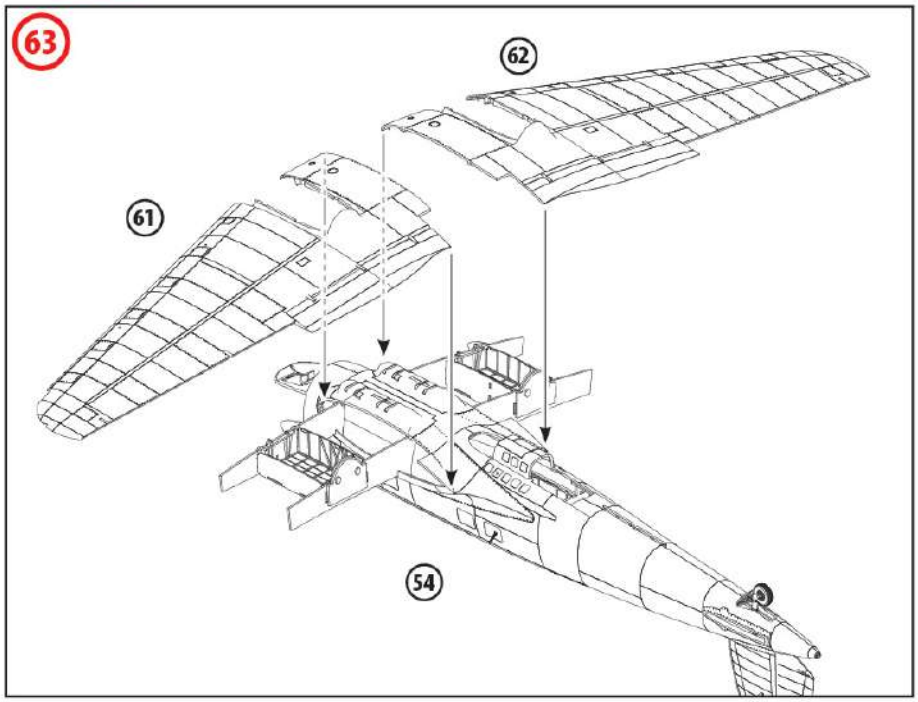
59

61


7.7 mm
8.3 mm
Ø 1.0 mm
Ø 1.0 mm
3.5 mm
6.2 mm
9.5 mm
13.8 mm
2.7 mm
8.8 mm
B2-3
Можна використовувати у якості шаблону
Can use as a template

62


Ø 1.0 mm
7.7 mm
8.3 mm
3.5 mm
Ø 1.0 mm
6.2 mm
B1-6
13.8 mm
2.7 mm
9.5 mm
8.8 mm
Можна використовувати у якості шаблону
Can use as a template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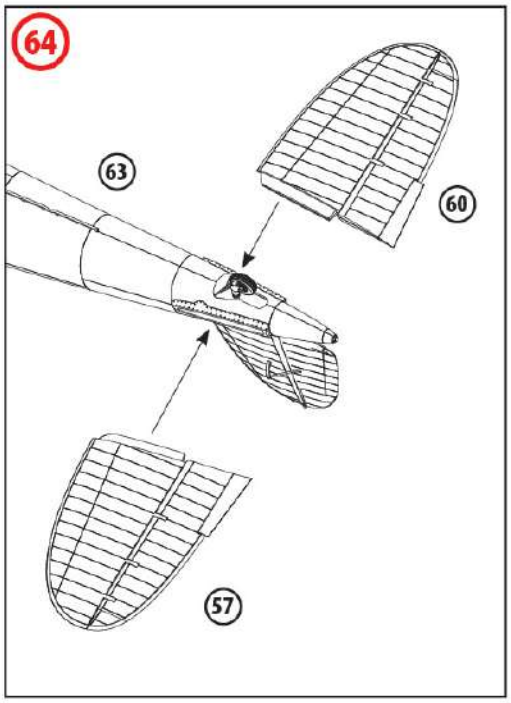
62
61
54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63
60
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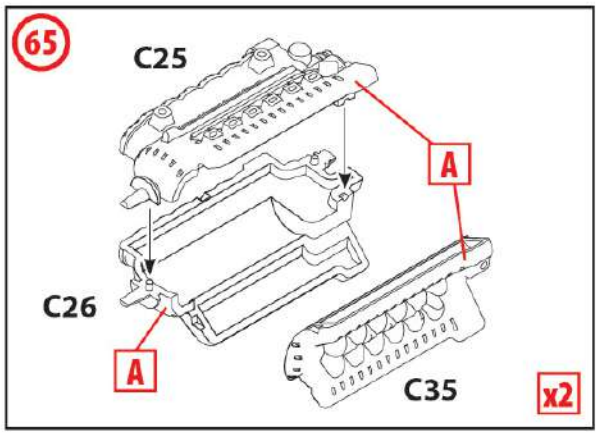
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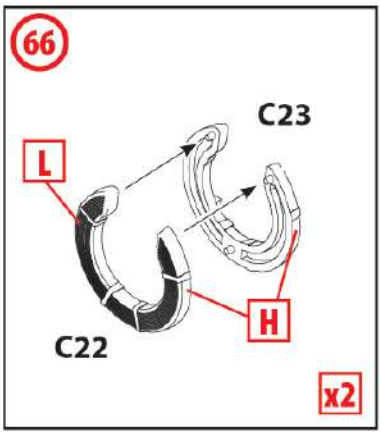
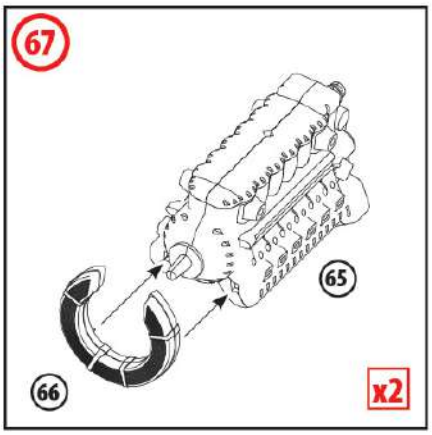
C25
A
C26
A
C35
x2


66
C23
L
H
C22
x2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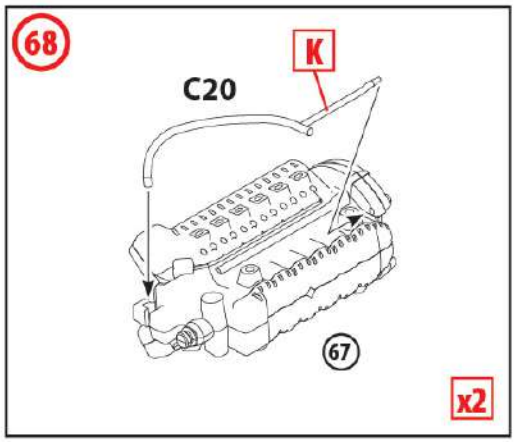
65
66
x2


68
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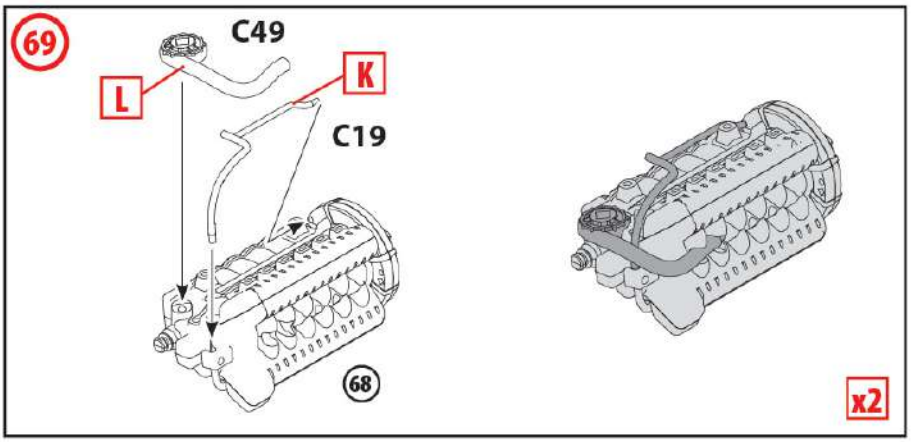
C20
67
x2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C19
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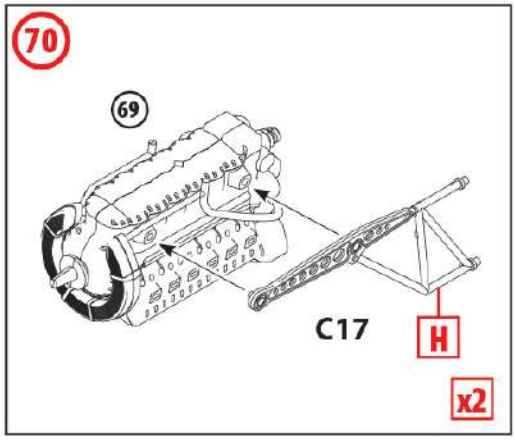
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C17
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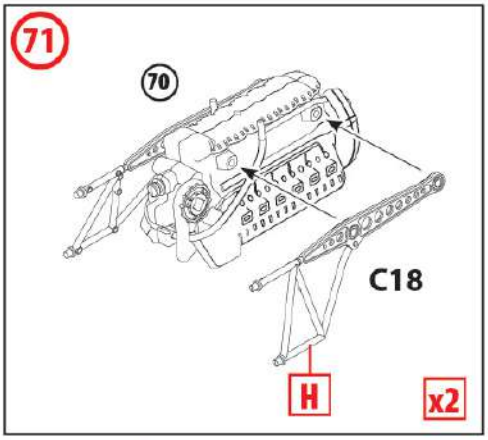
x2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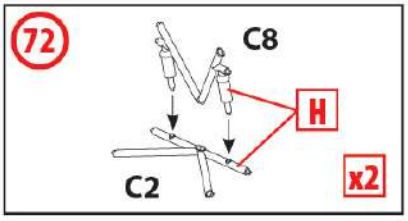
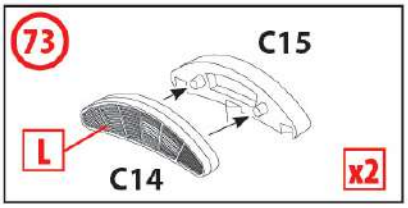
x2


72
C8
H
C2
x2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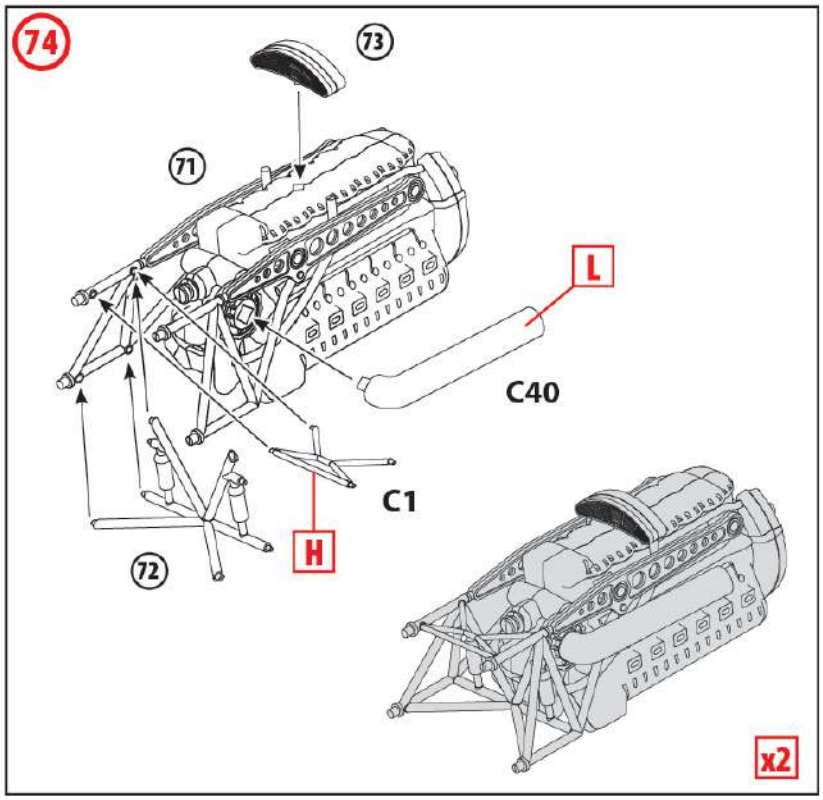
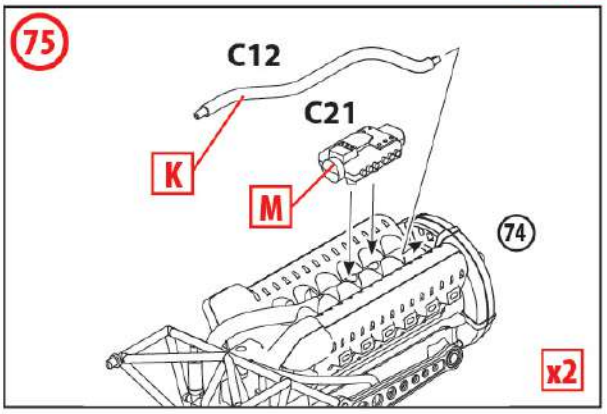
C15
L
C14
x2


74
73
71
L
C40
C1
H
72
x2


75
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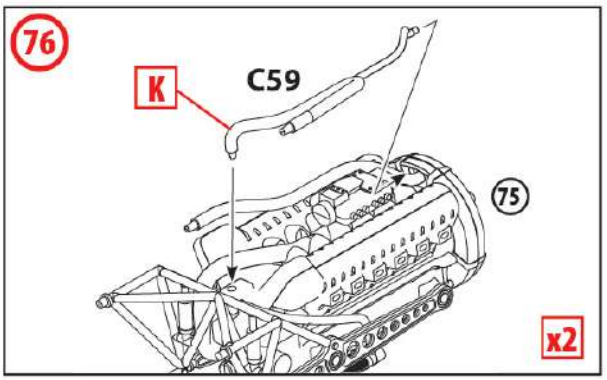
C21
K
M
74
x2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K
C59
75
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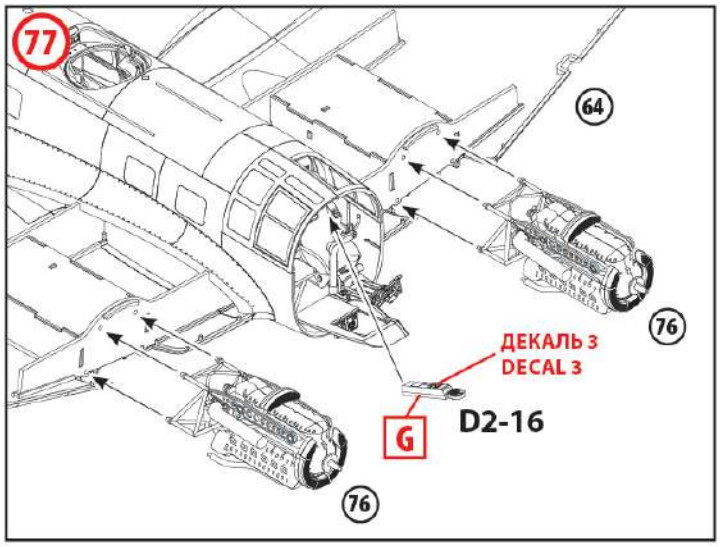
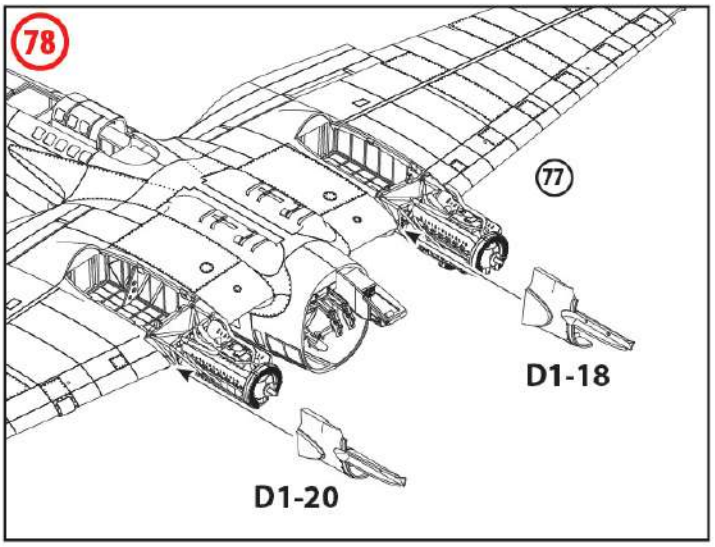

77
64
76
ДЕКАЛЬ 3
DECAL 3
G
D2-16
76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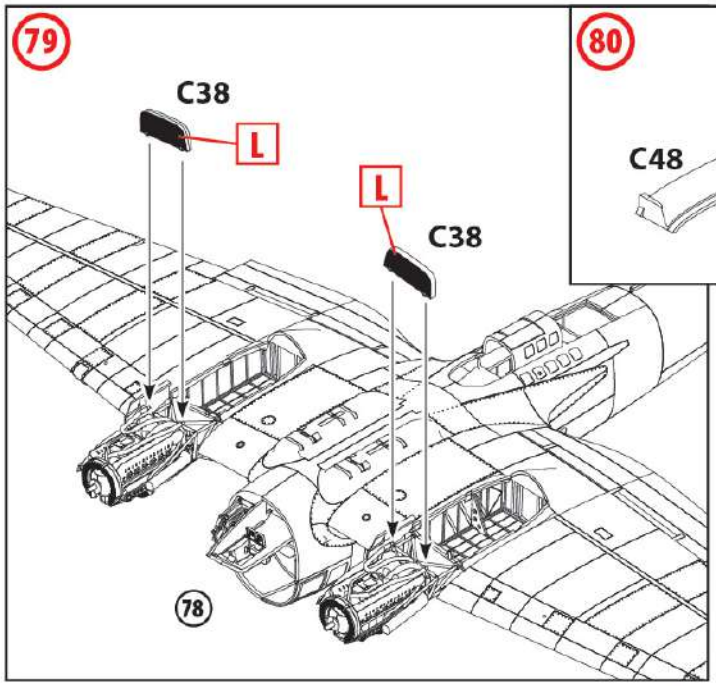
77
D1-18
D1-20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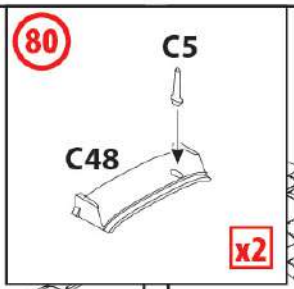
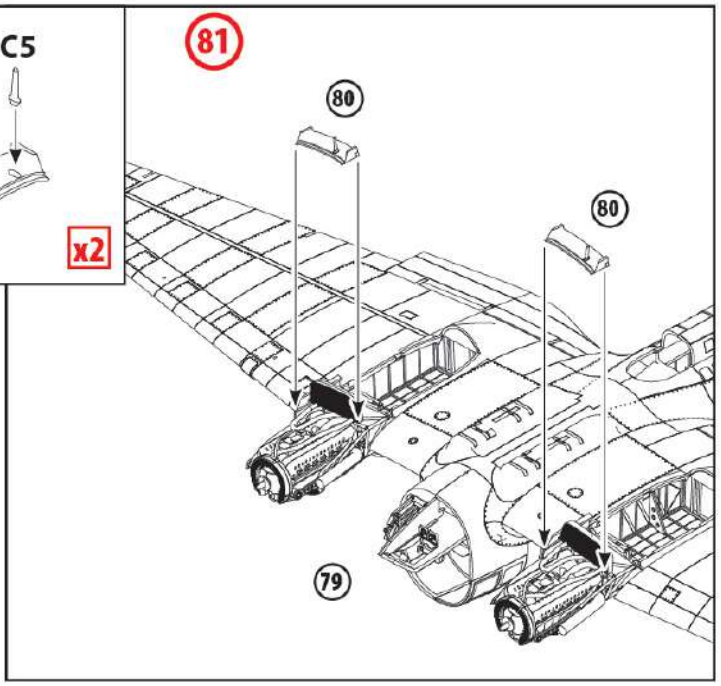
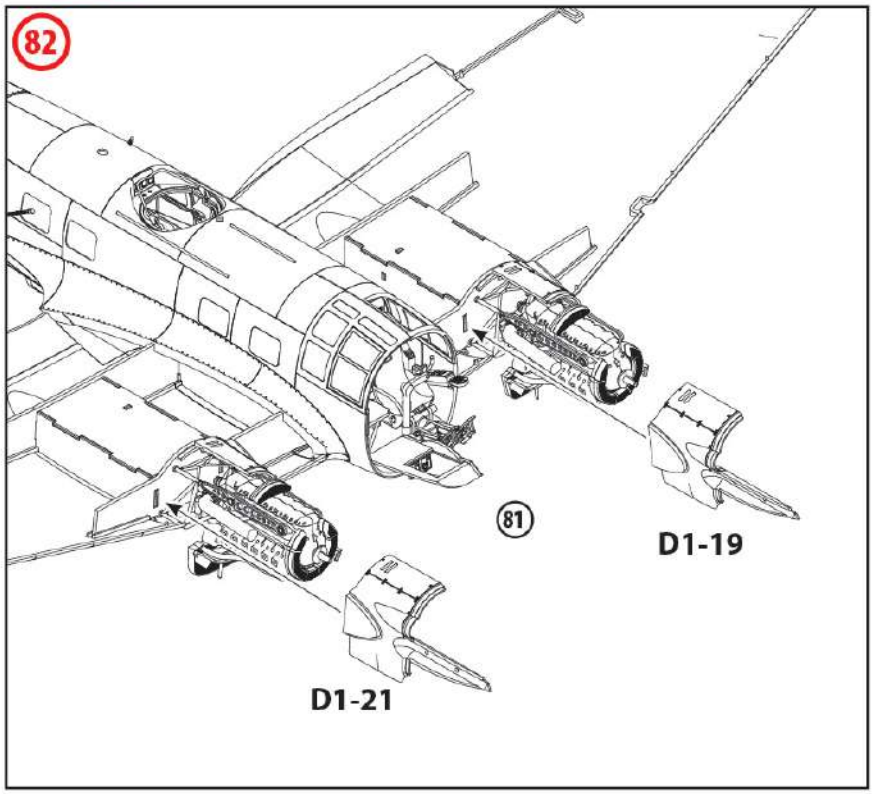
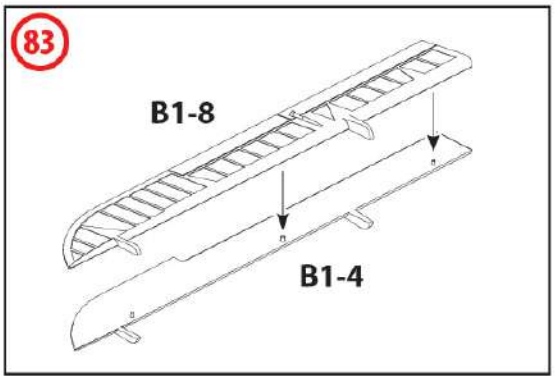
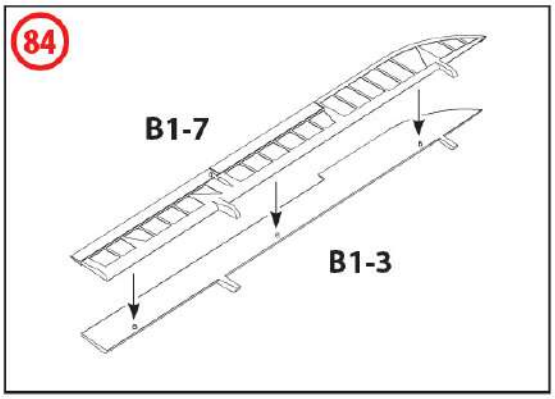
C38
L
L
C38
78

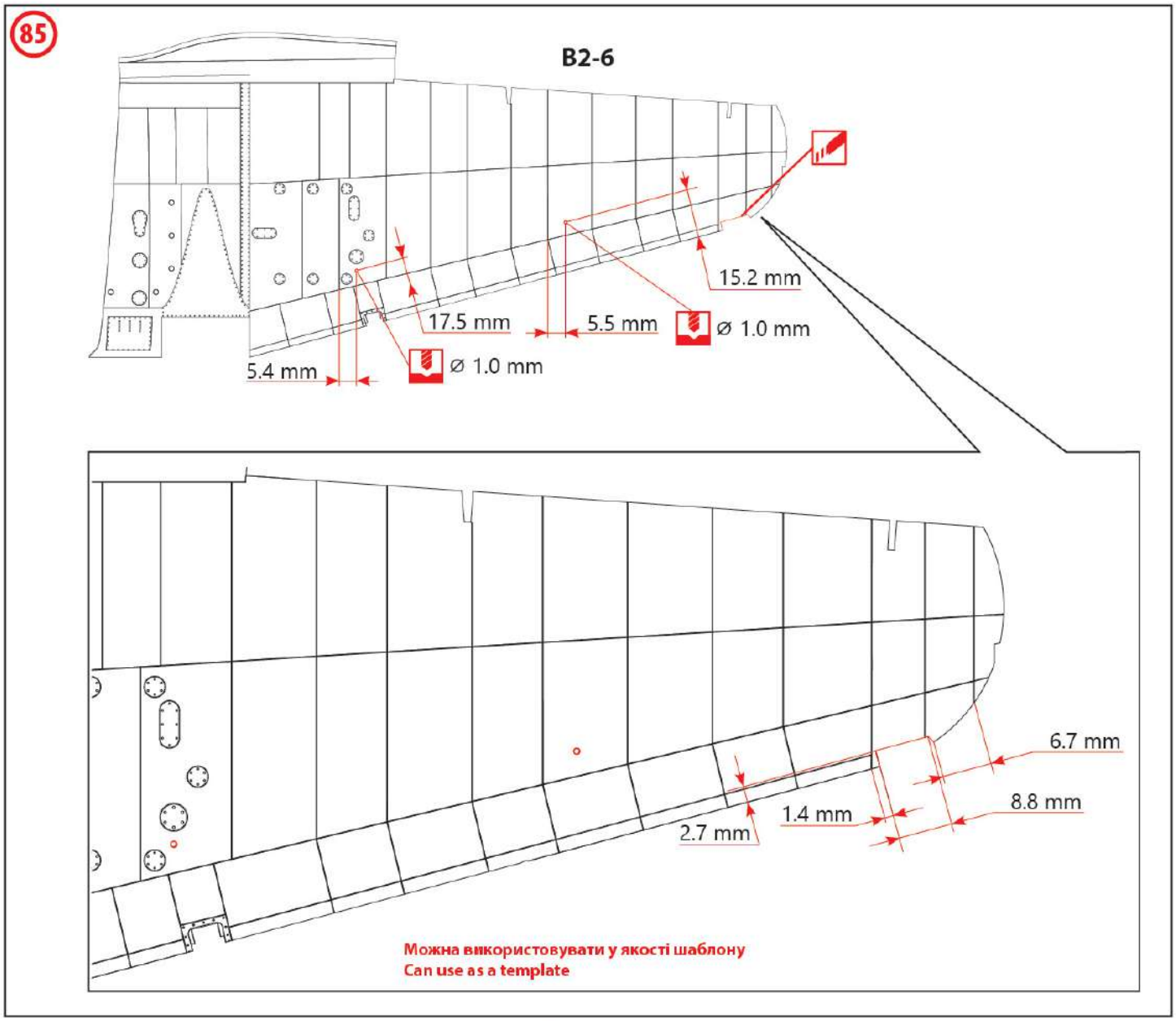

80
C5
C48
x2

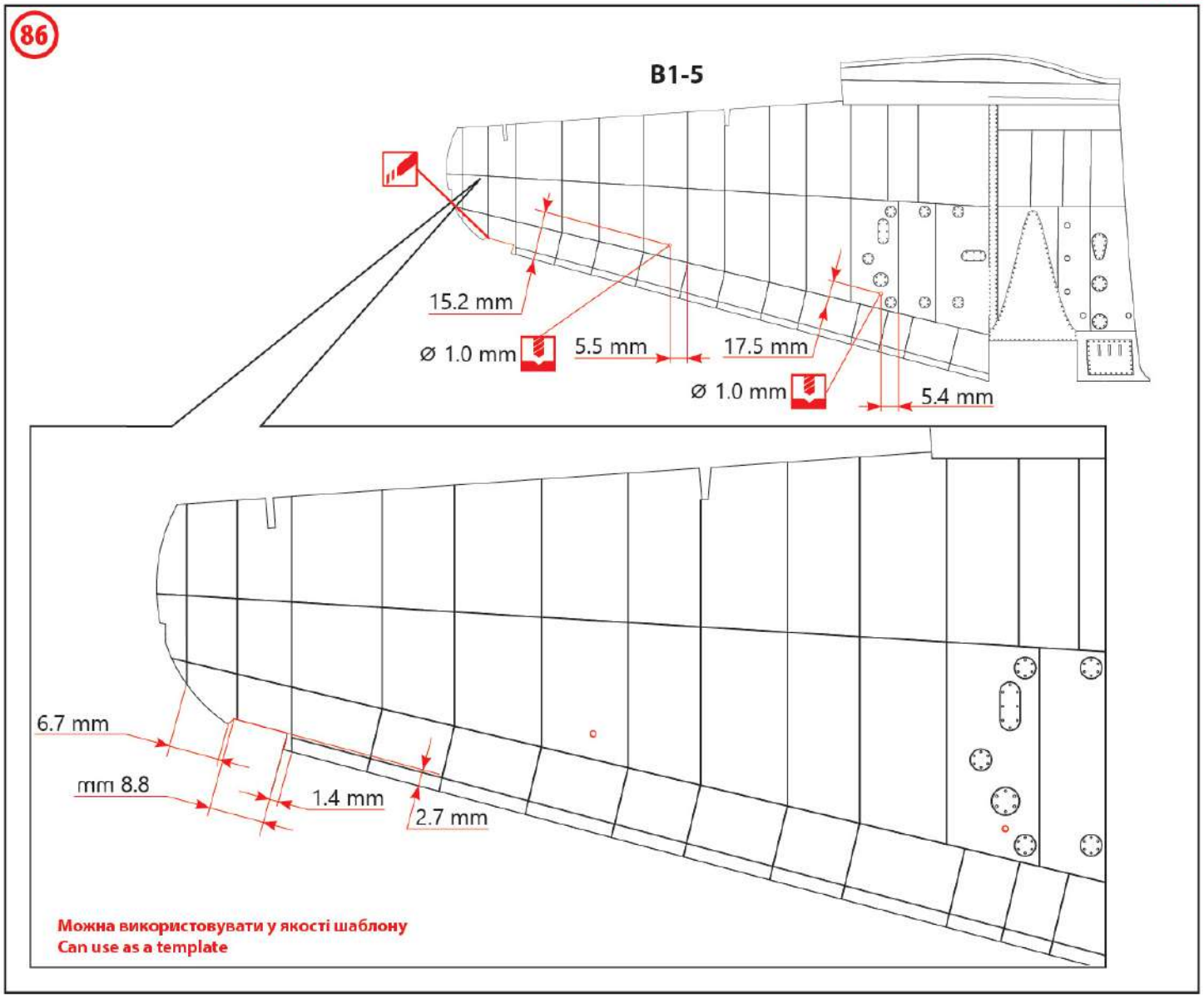

81
80
80
79

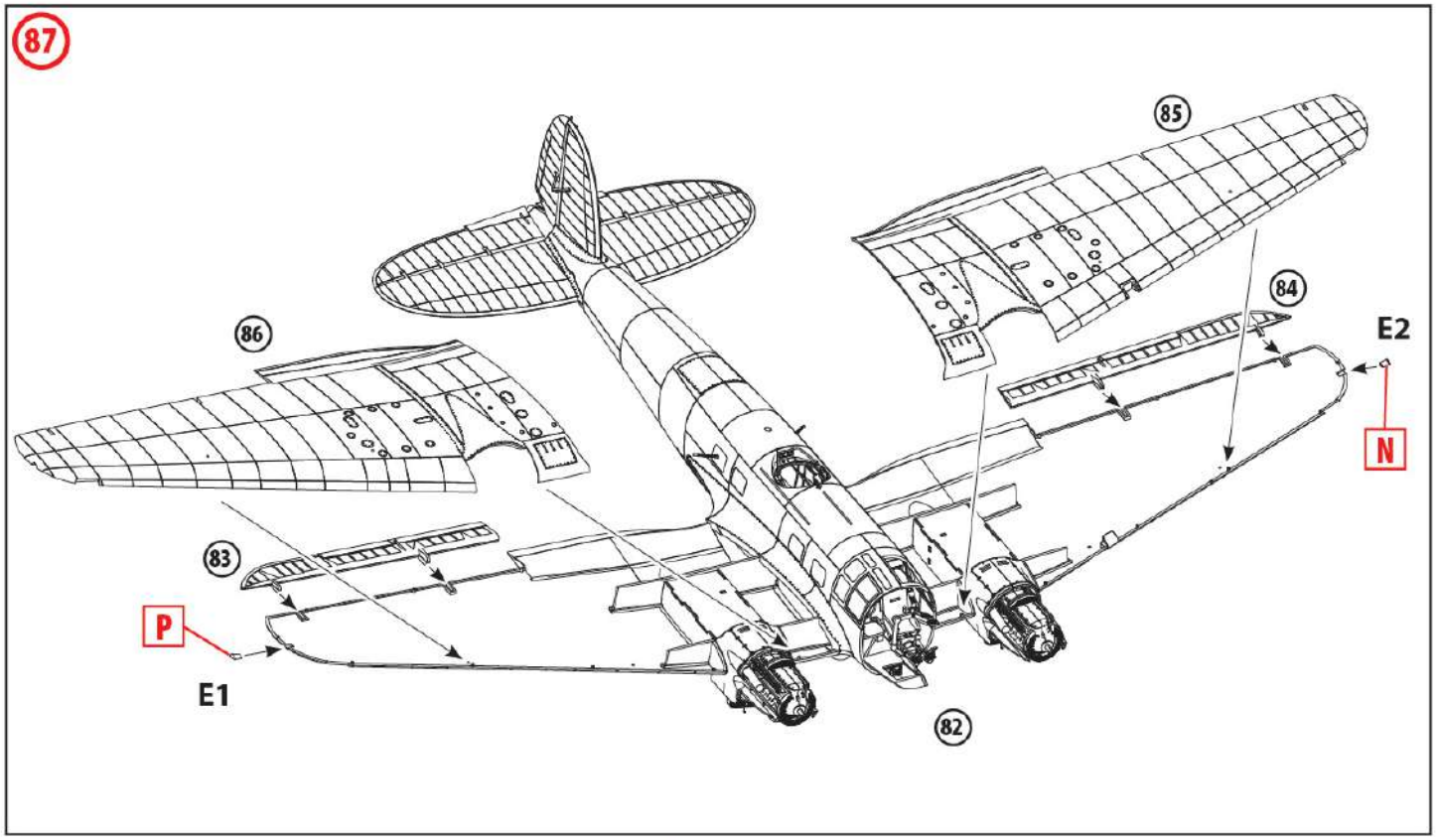

82
81
D1-19
D1-21

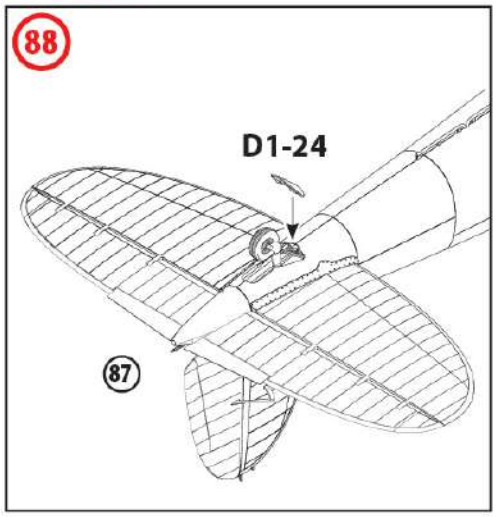

83
B1-8
B1-4

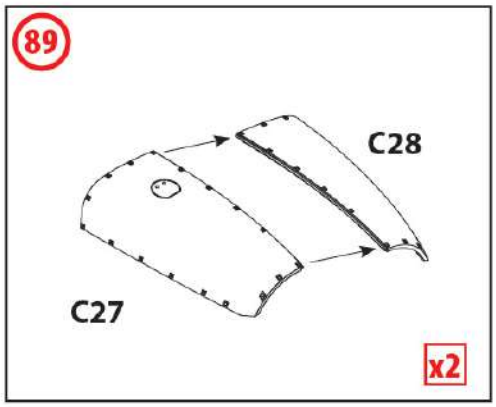

84
B1-7
B1-3

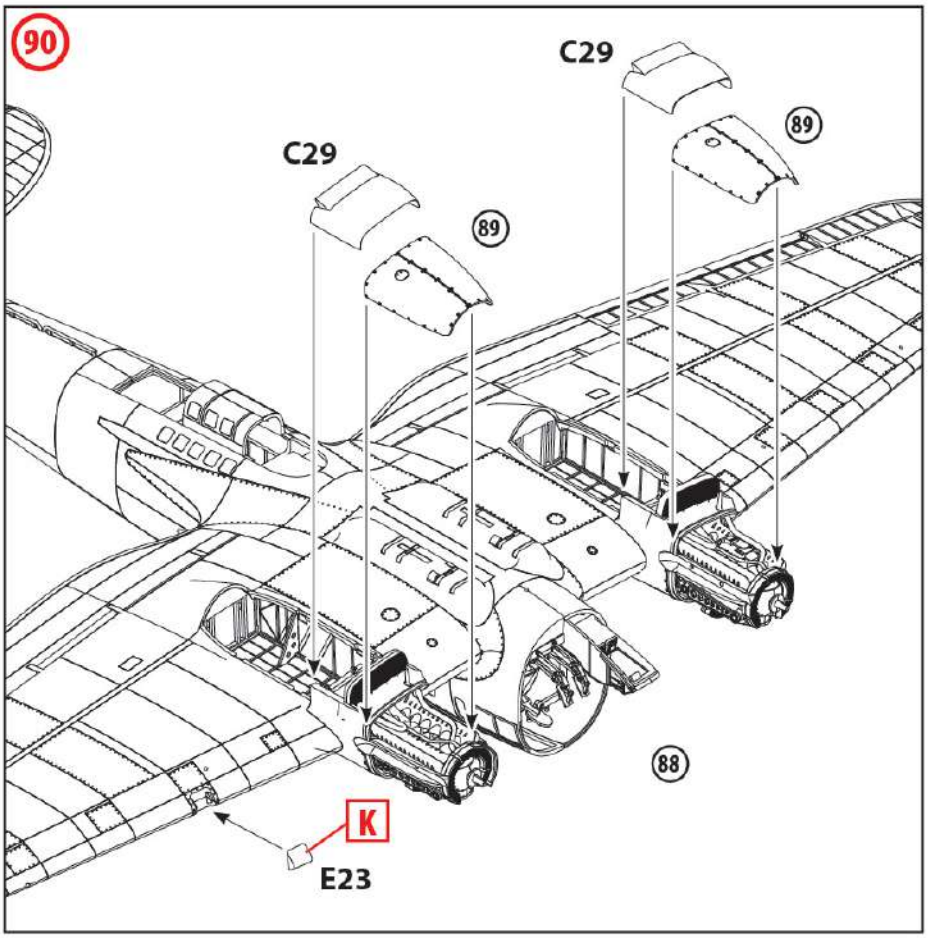

85
B2-6
15.2 mm
17.5 mm
5.5 mm
Ø 1.0 mm
5.4 mm
Ø 1.0 mm
6.7 mm
8.8 mm
1.4 mm
2.7 mm
Можна використовувати у якості шаблону
Can use as a template

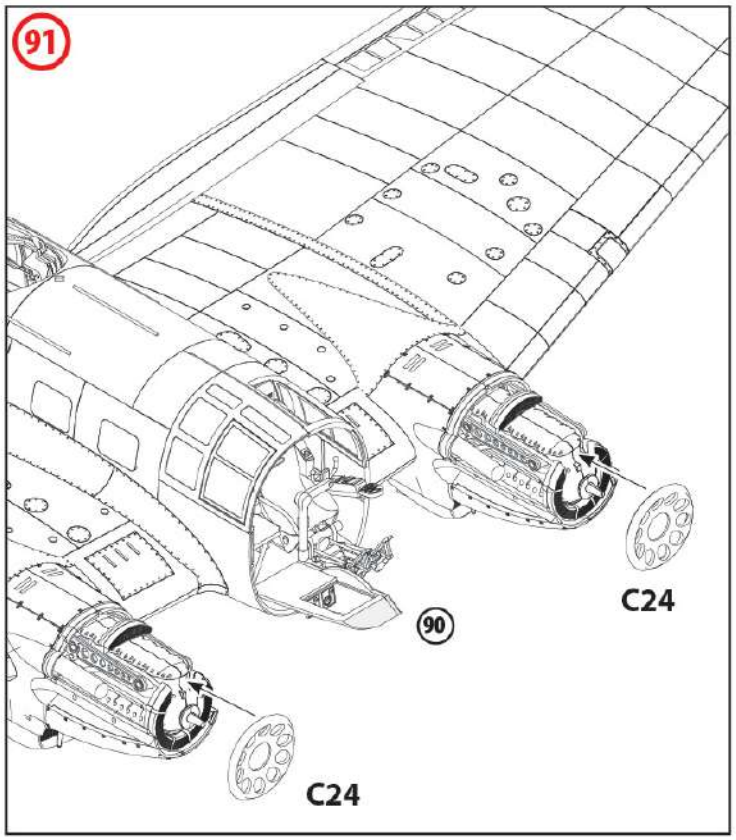

86
B1-5
15.2 mm
Ø 1.0 mm
5.5 mm
17.5 mm
Ø 1.0 mm
5.4 mm
6.7 mm
mm 8.8
1.4 mm
2.7 mm
Можна використовувати у якості шаблону
Can use as a template

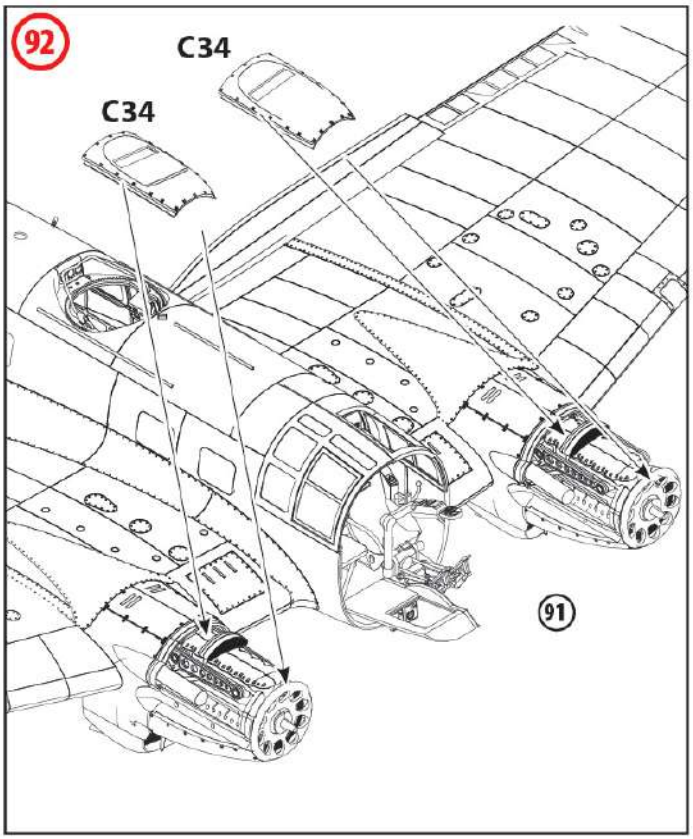

87
85
84
86
E2
N
83
P
E1
82

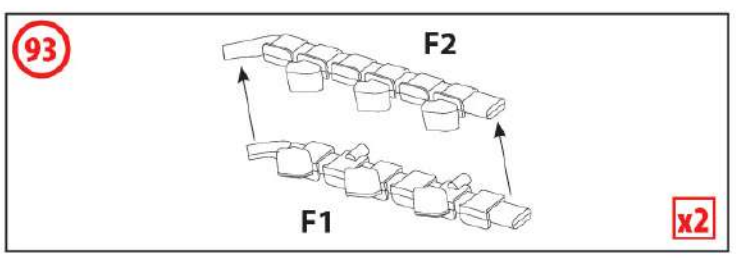

88
D1-24
87

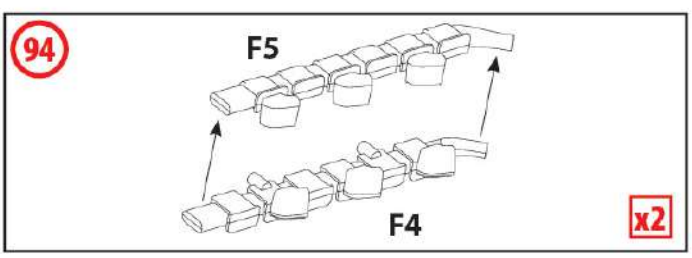

89
C28
C27
x2

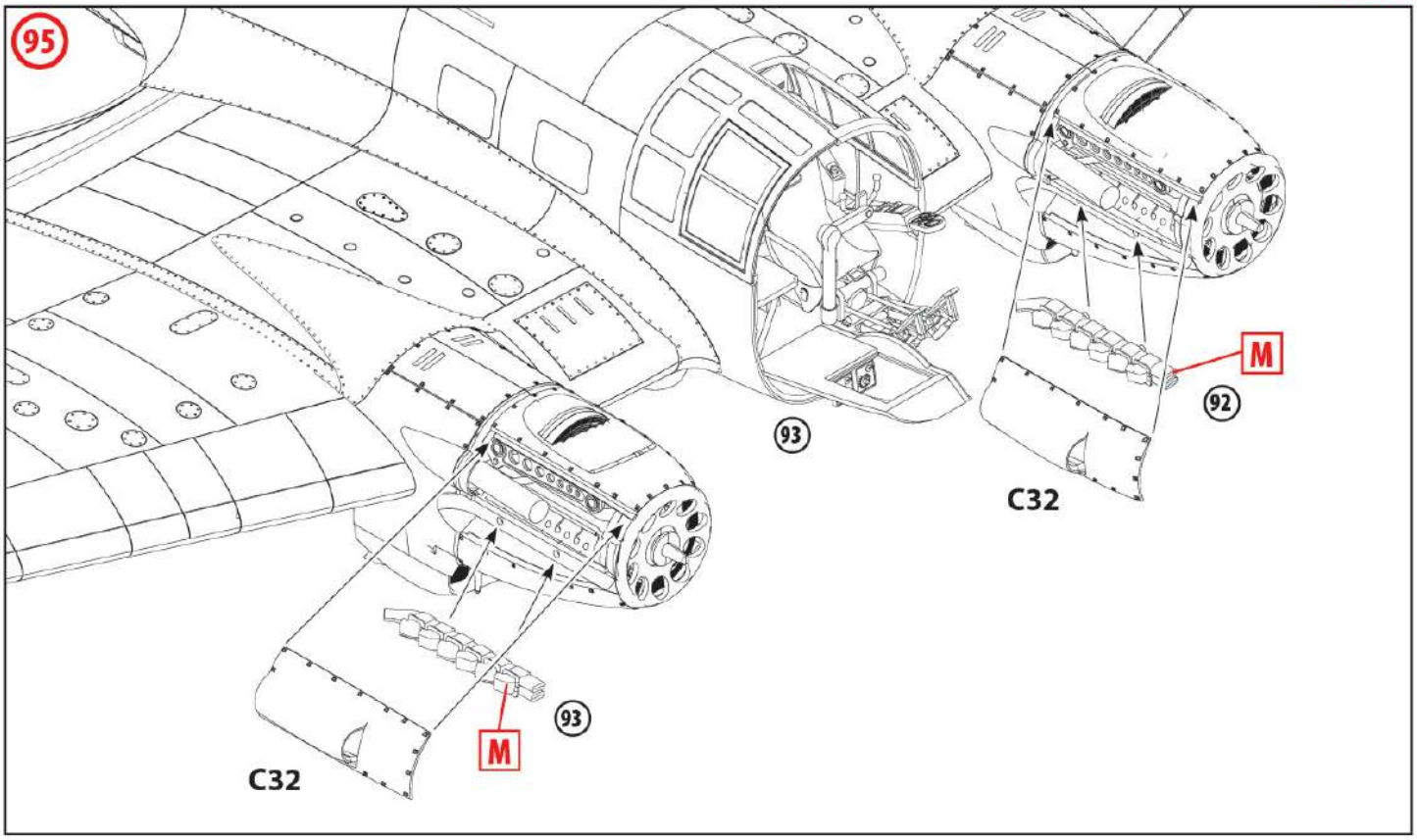

90
C29
C29
89
89
88
K
E23

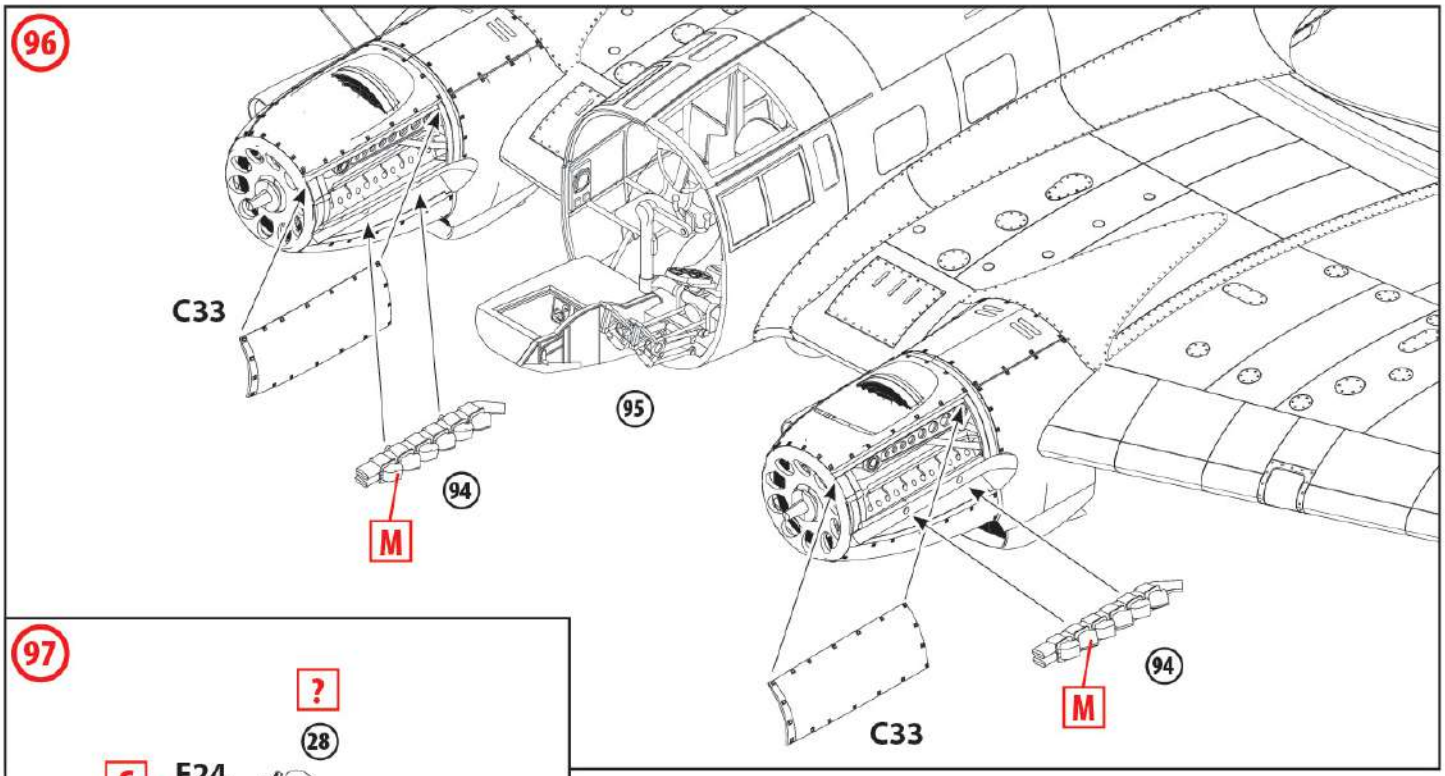

91
C24
90
C24


92
C34
C34
91


93
F2
F1
x2


94
F5
F4
x2


95
93
C32
M
92
C32
93
M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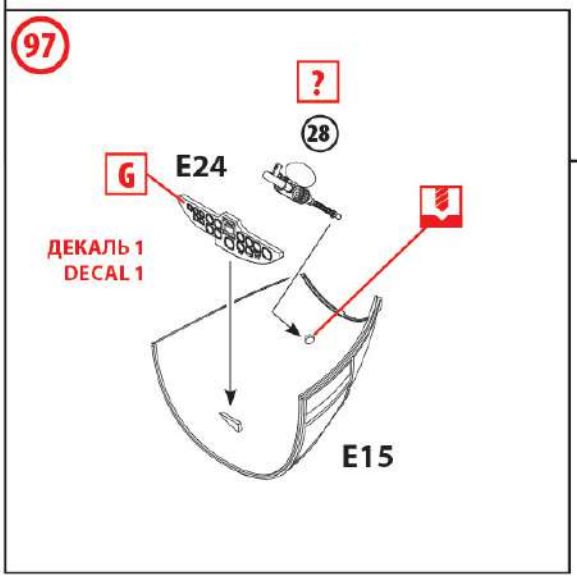
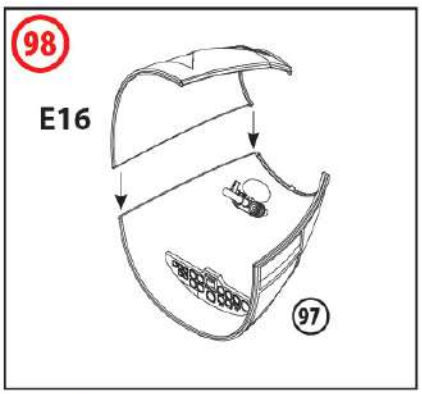
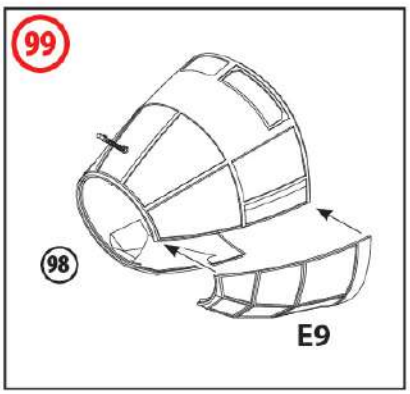
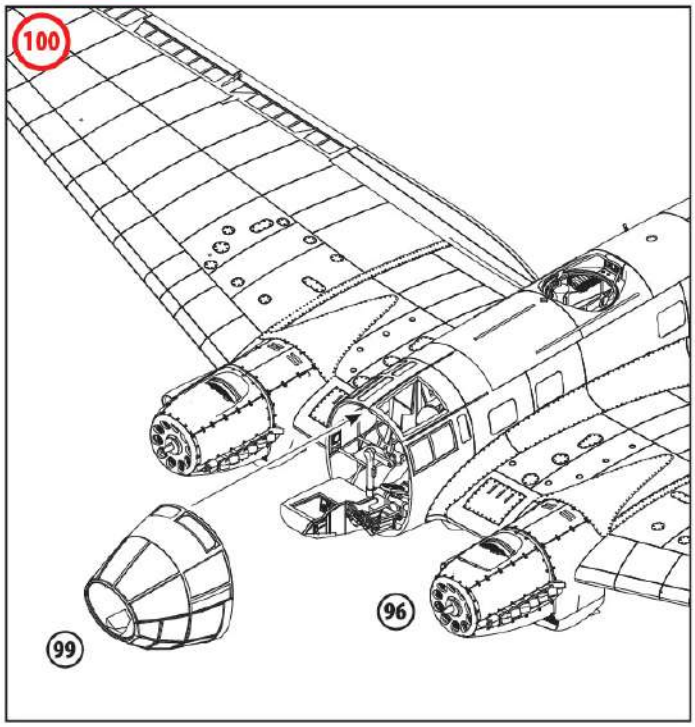
C33
95
94
M
C33
94
M


97
?
28
G
E24
ДЕКАЛЬ 1
DECAL 1
E15


98
E16
97


99
98
E9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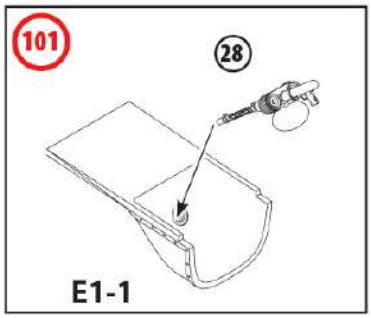
99
96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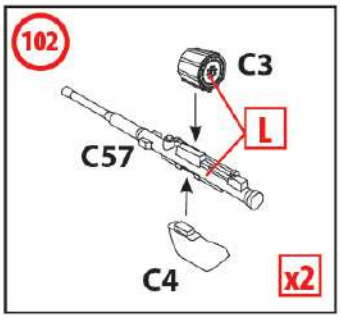
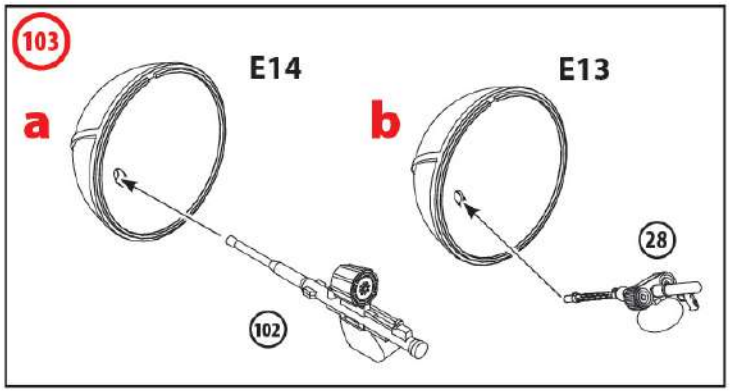
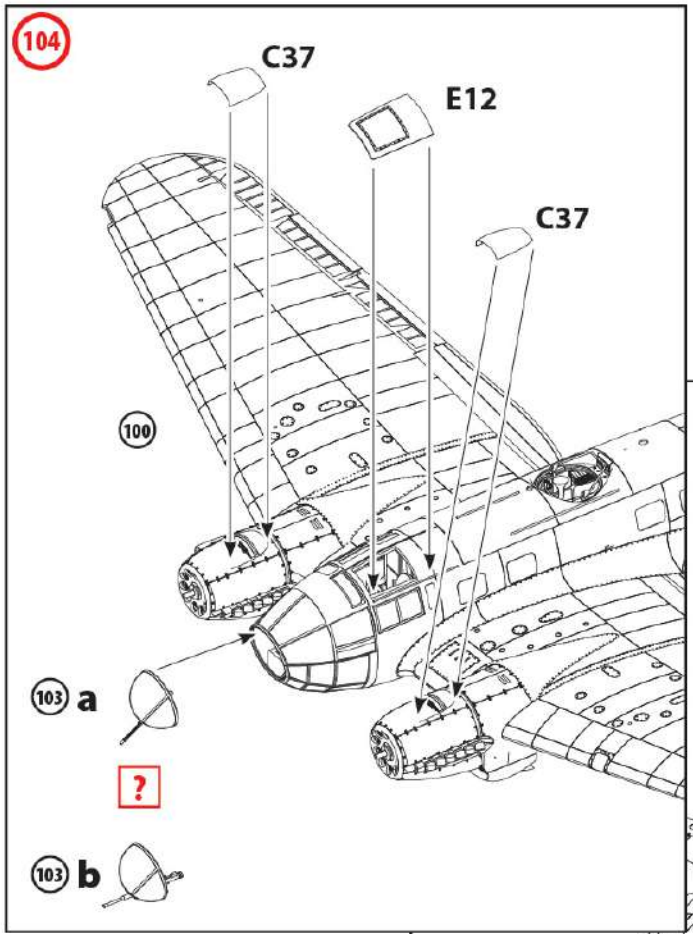
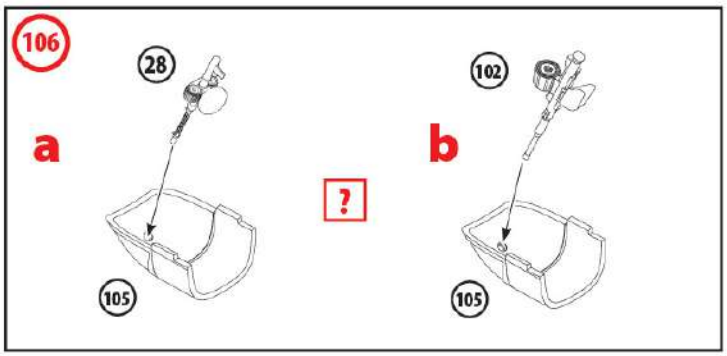
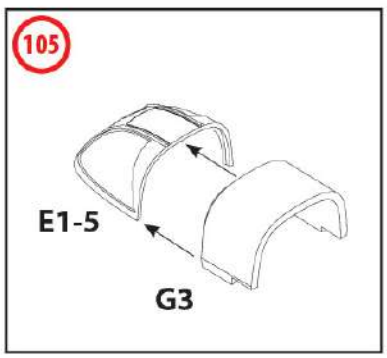
28
E1-1

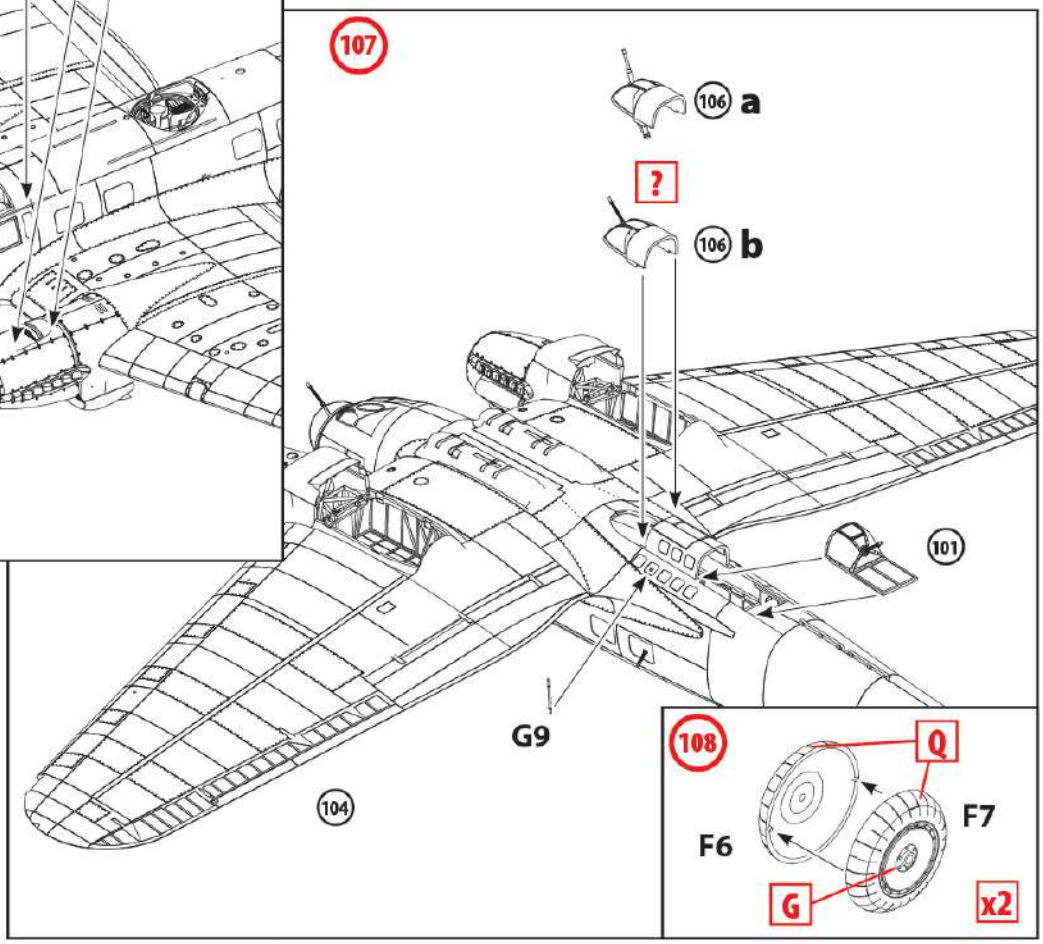

102
C3
L
C57
C4
x2


103
a
E14
b
E13
28
102

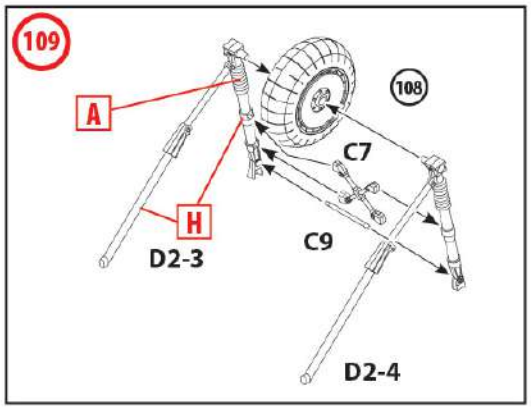

104
C37
E12
C37
100
103 a
?
103 b

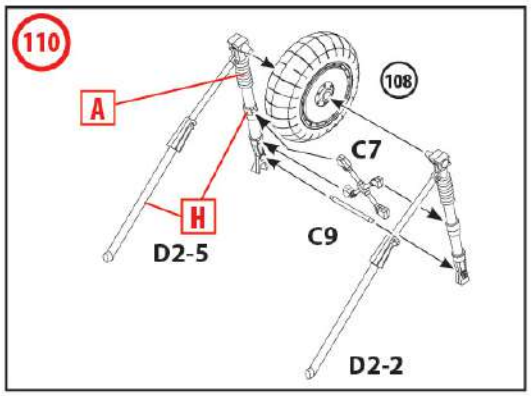

106
28
a
?
b
102
105
105

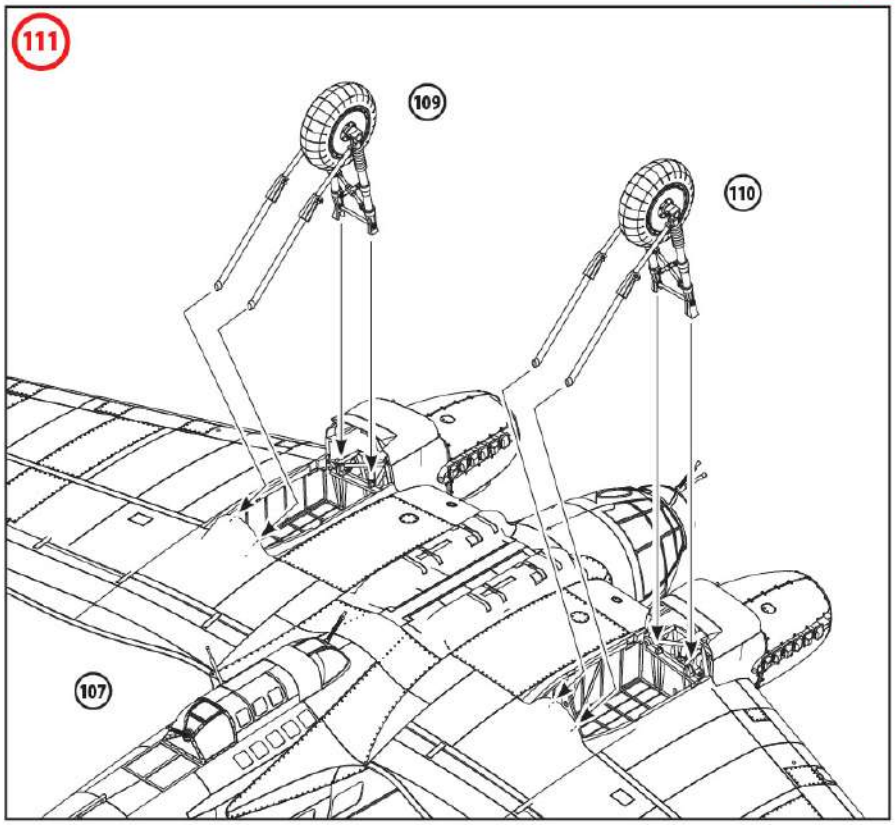

105
E1-5
G3

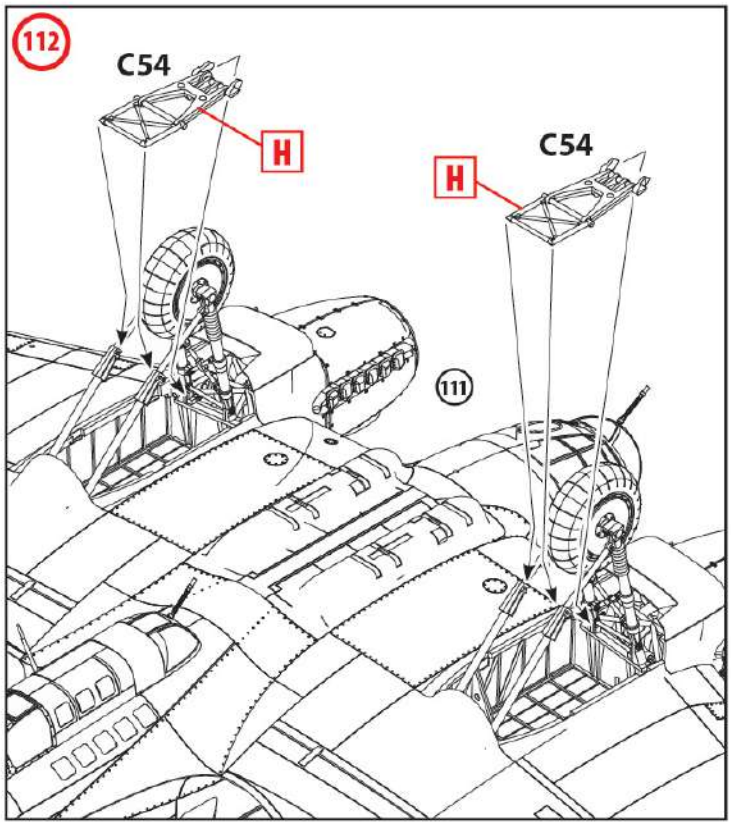

107
106 a
?
106 b
101
G9
104

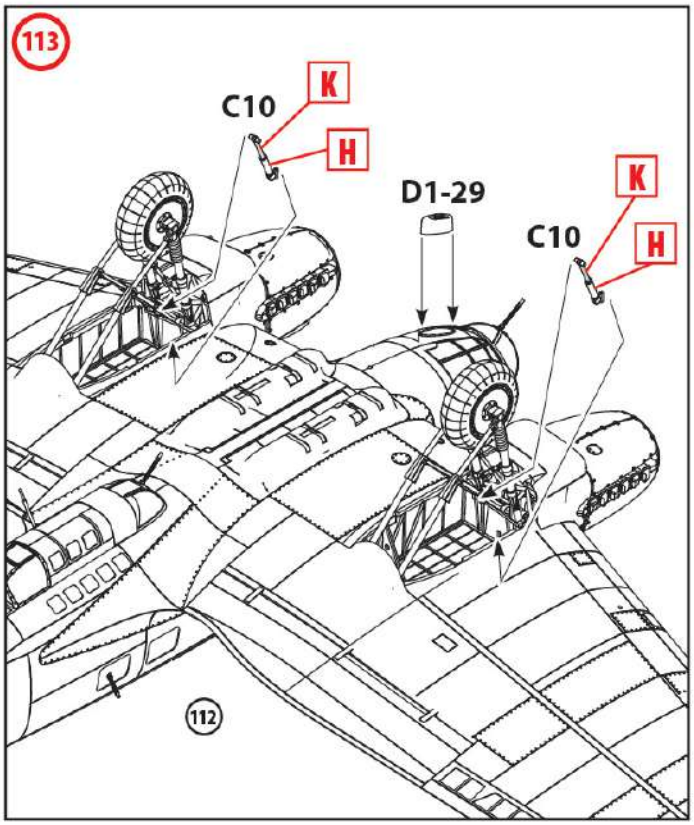
108
Q
F7
F6
G
x2

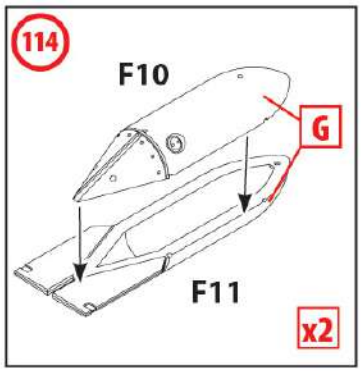

109
A
108
C7
H
D2-3
C9
D2-4

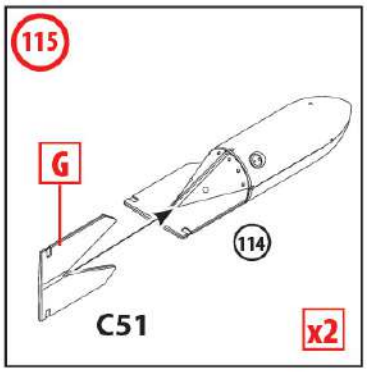

110
A
108
C7
H
D2-5
C9
D2-2

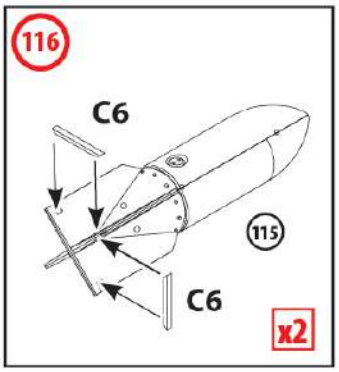

111
109
110
107

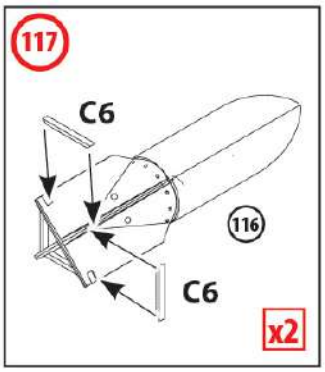

112
C54
H
H
C54
111

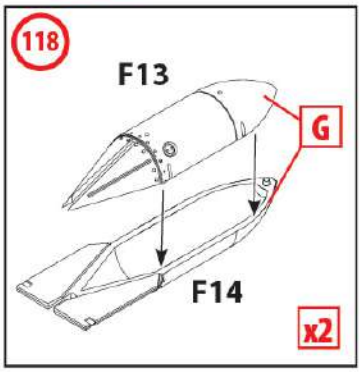

113
C10
K
H
D1-29
K
C10
H
112

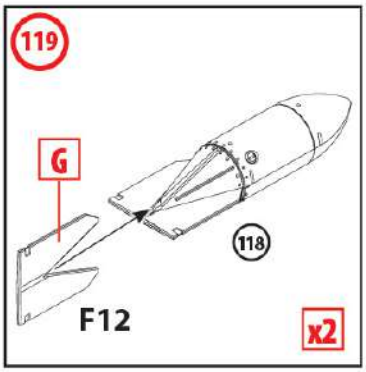

114
F10
G
F11
x2

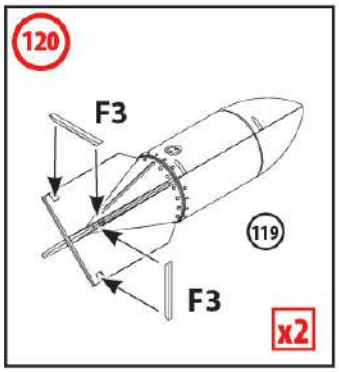

115
G
114
C51
x2

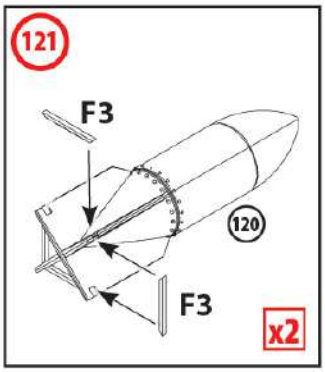

116
C6
115
C6
x2

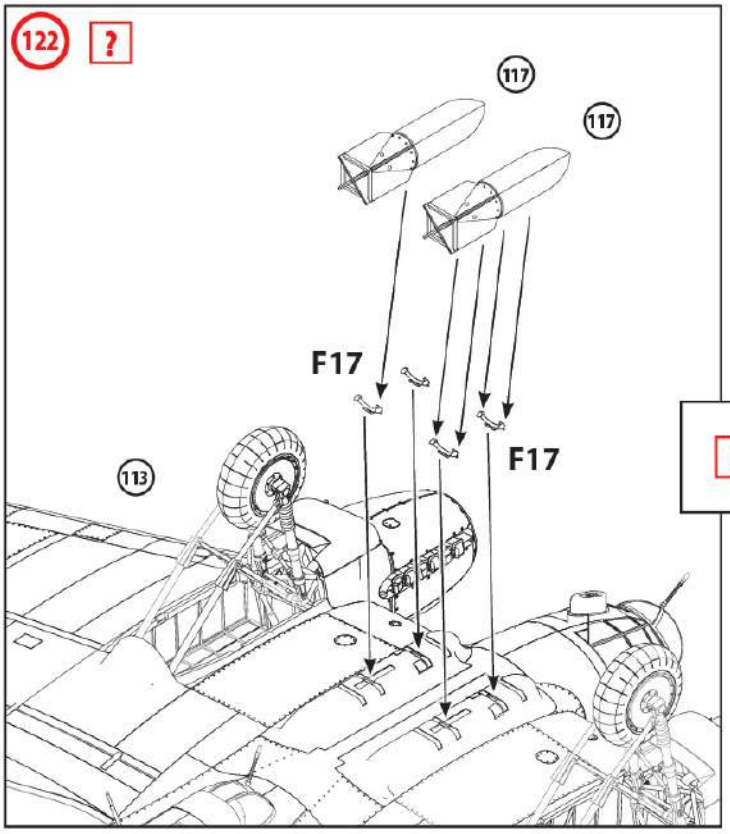

117
C6
116
C6
x2

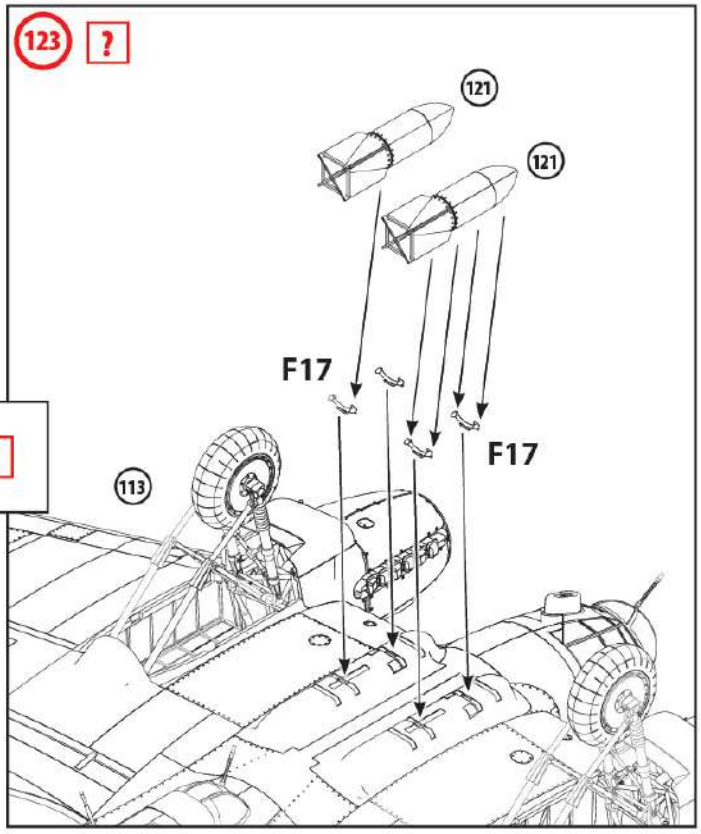

118
F13
G
F14
x2

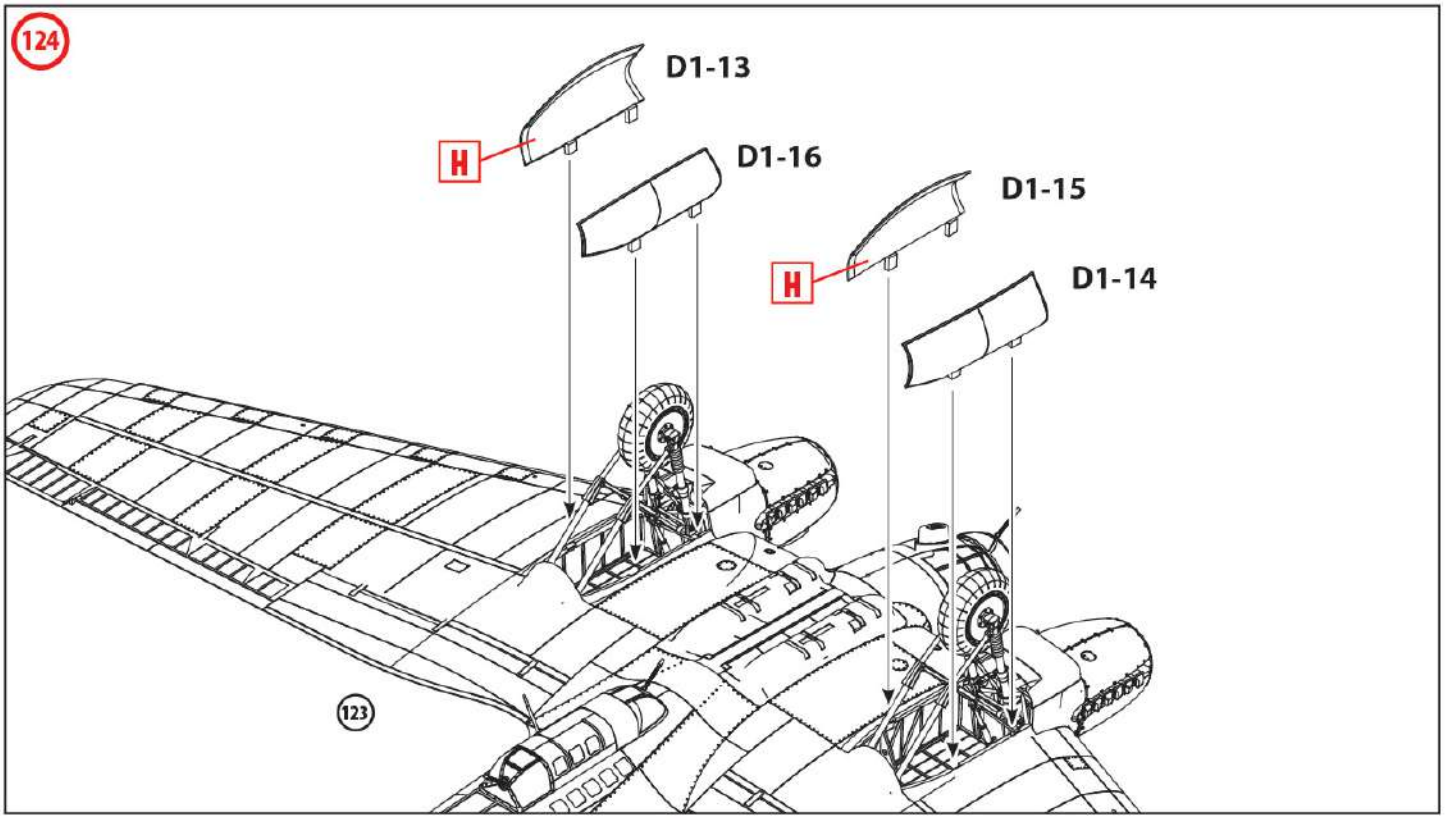

119
G
118
F12
x2

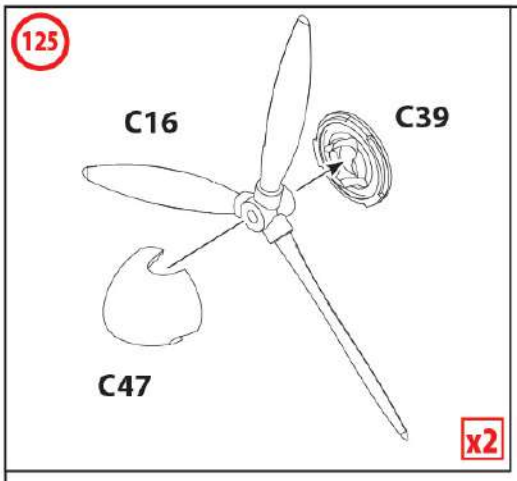

120
F3
119
F3
x2

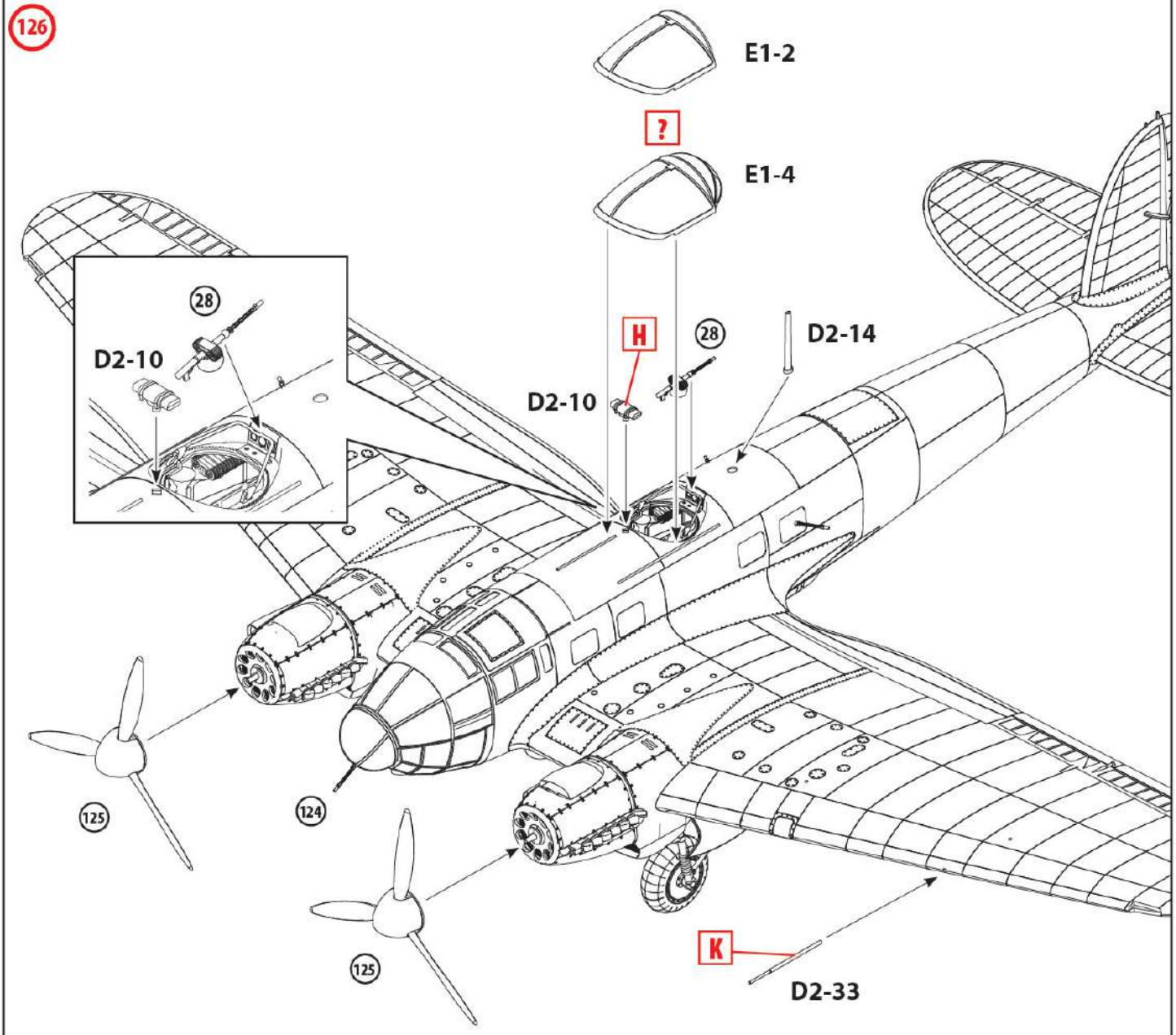

121
F3
120
F3
x2

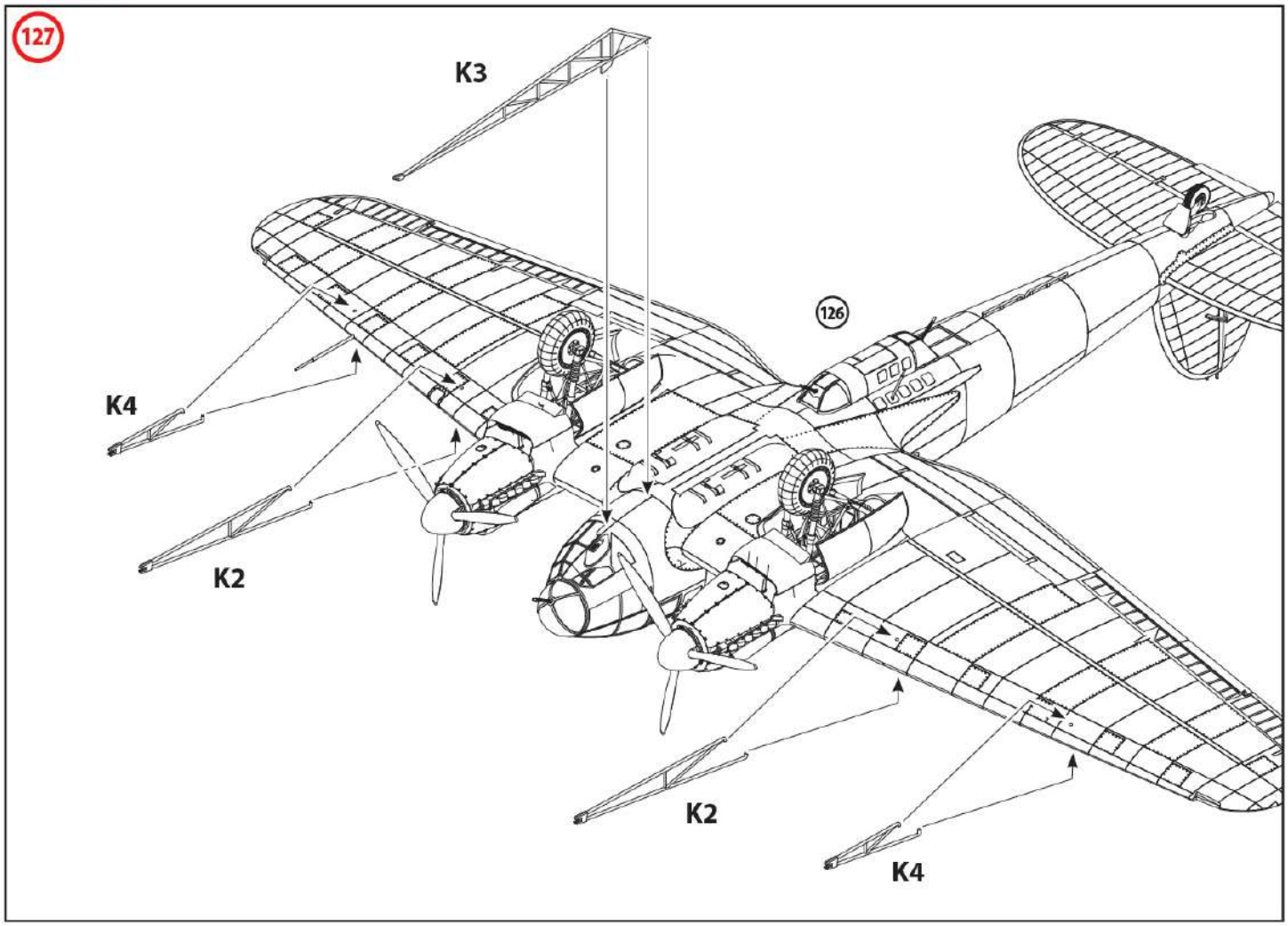

122
?
117
117
F17
F17
113

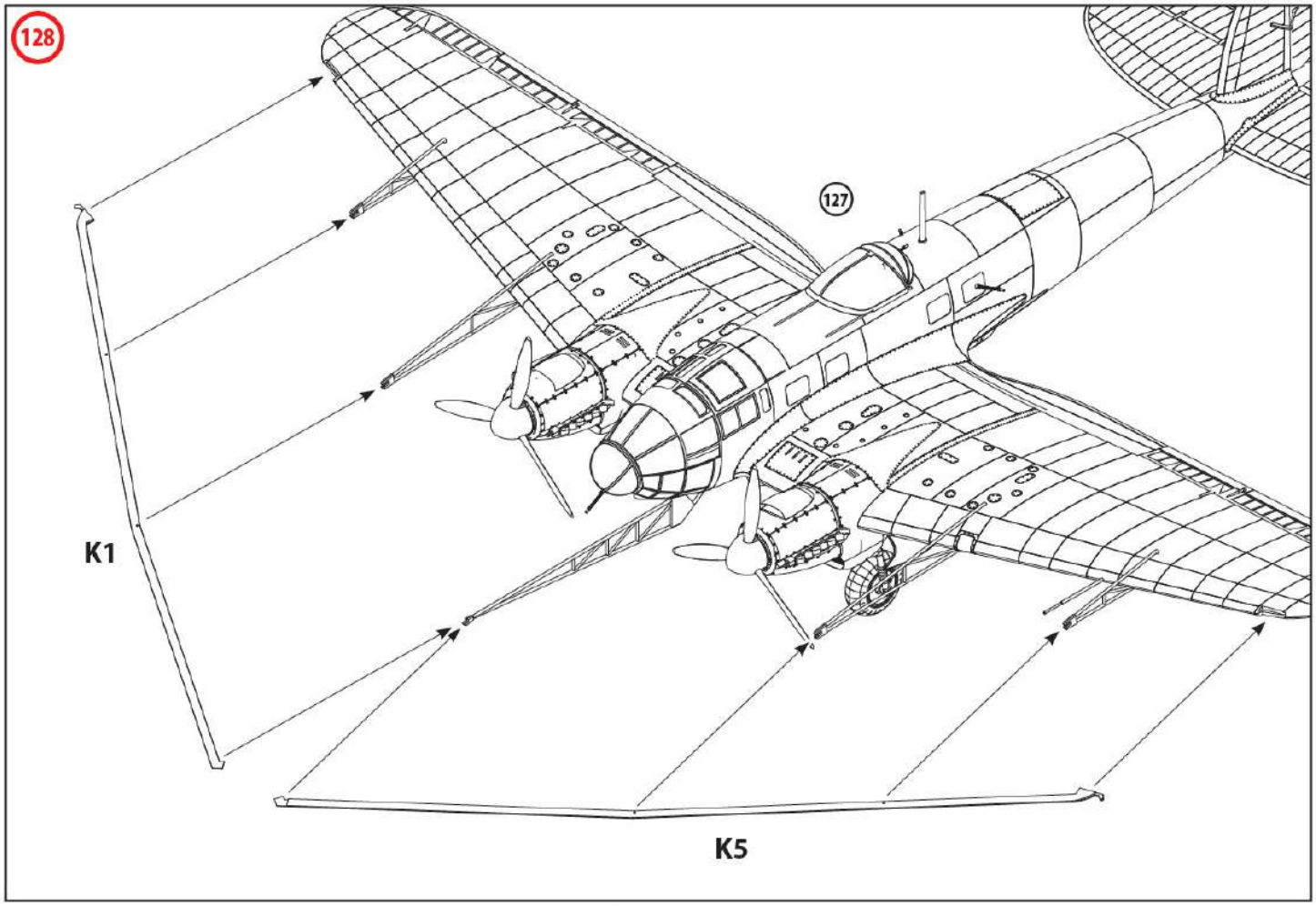

123
?
121
121
F17
F17
113

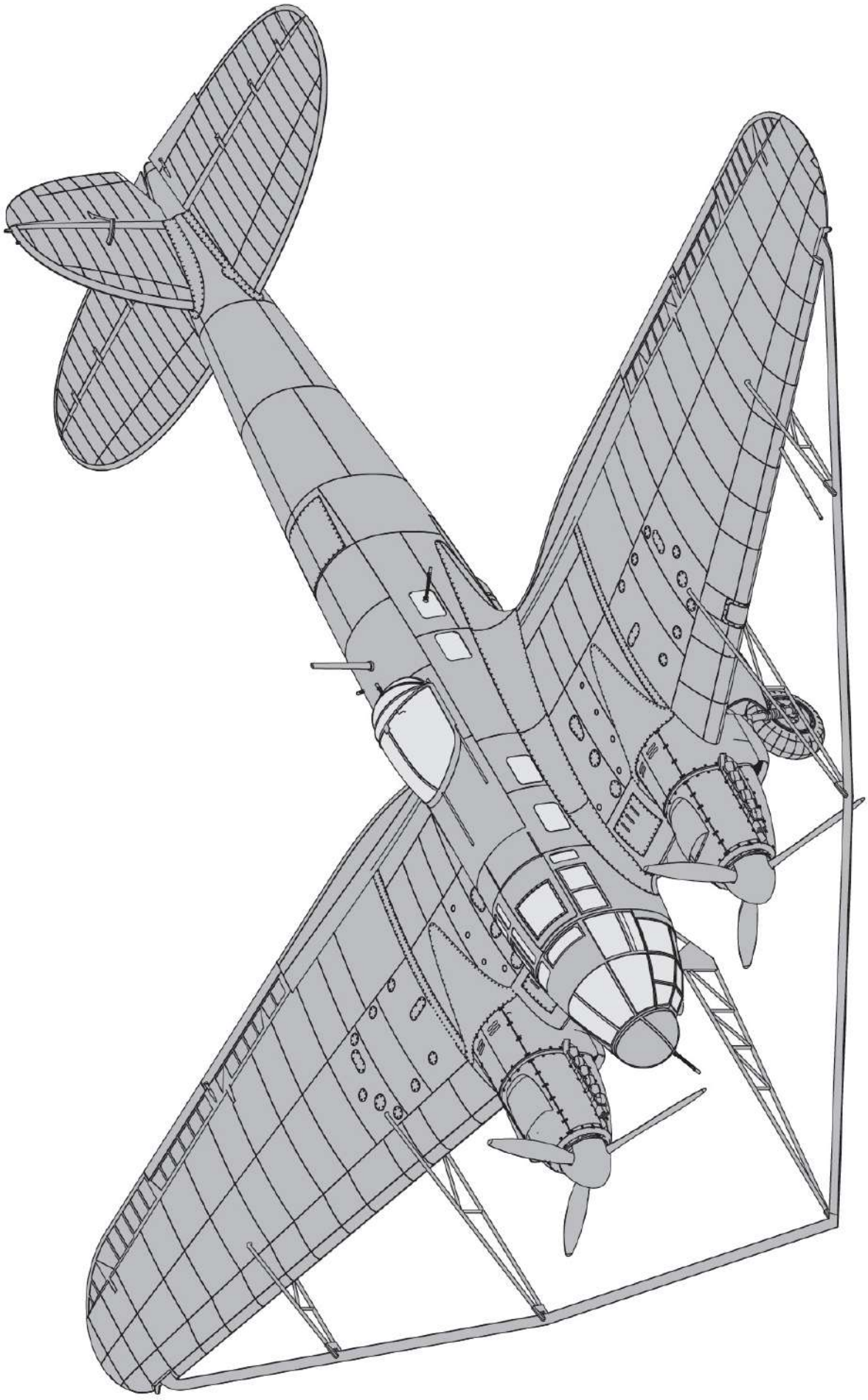

124
D1-13
H
D1-16
D1-15
H
D1-14
123

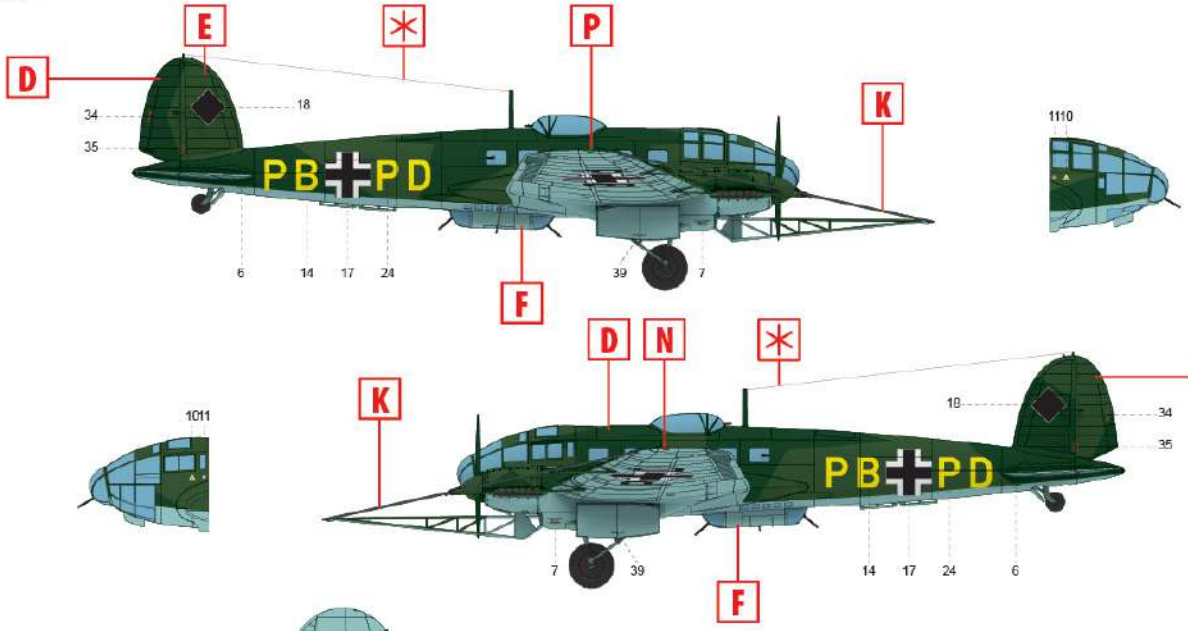

125
C16
C39
C47
x2

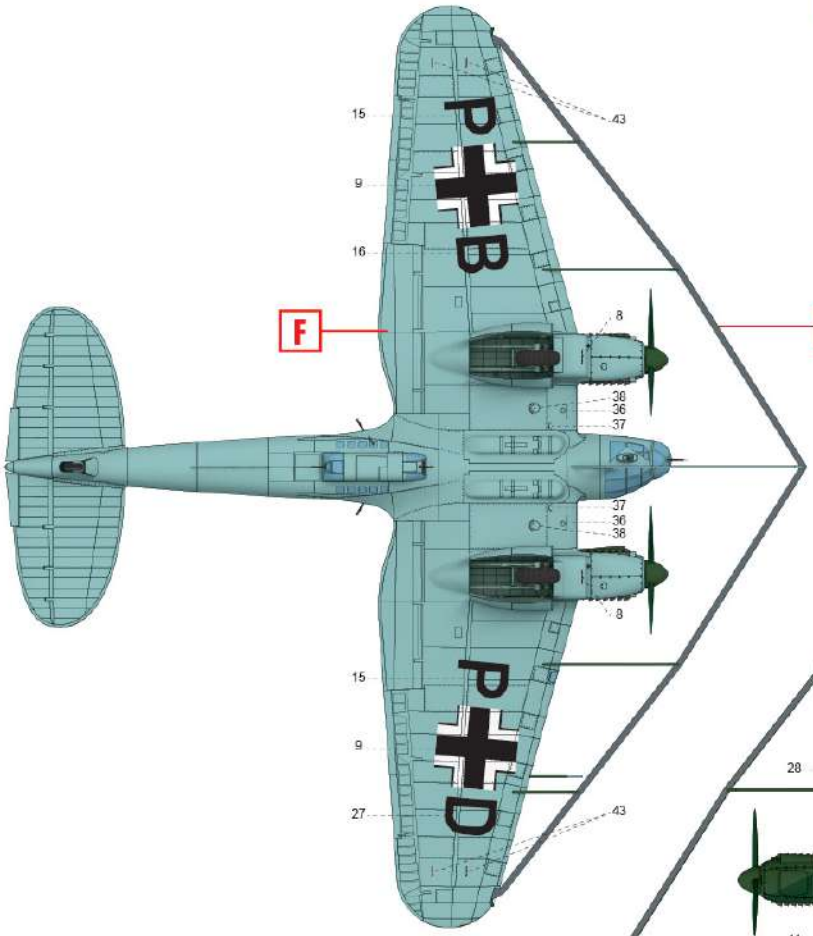

126
E1-2
?
E1-4
28
D2-10
H
28
D2-10
D2-14
125
124
125
K
D2-33

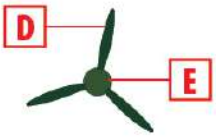

127
K3
126
K4
K2
K2
K4

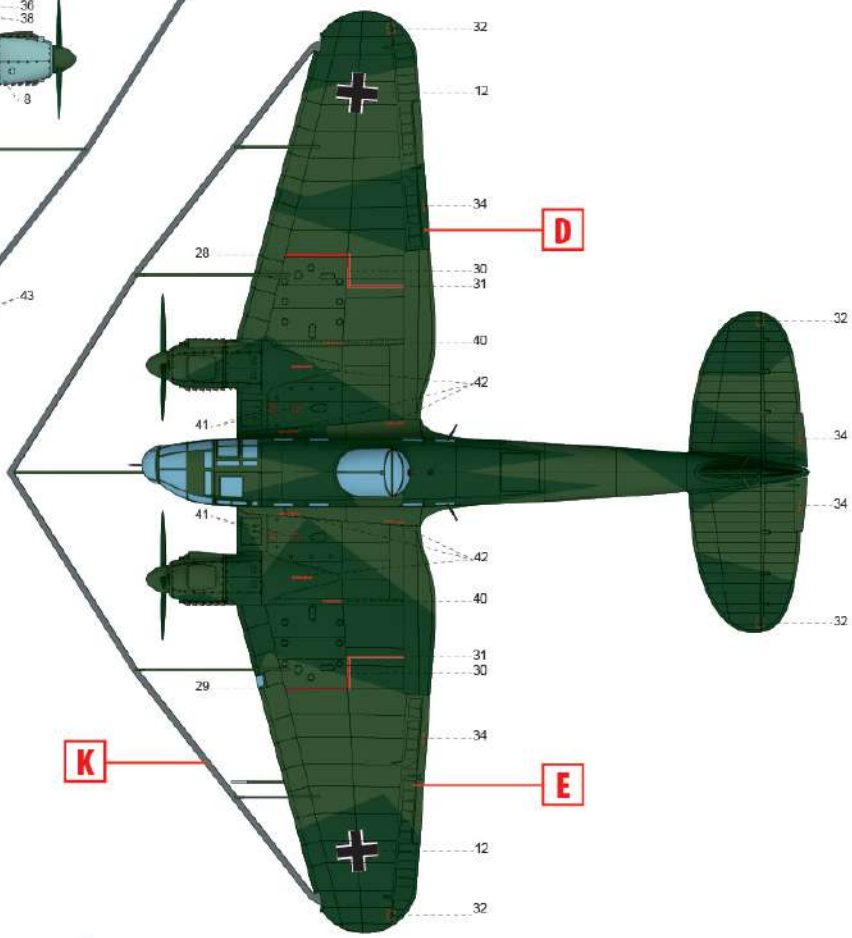

128
127
K1
K5





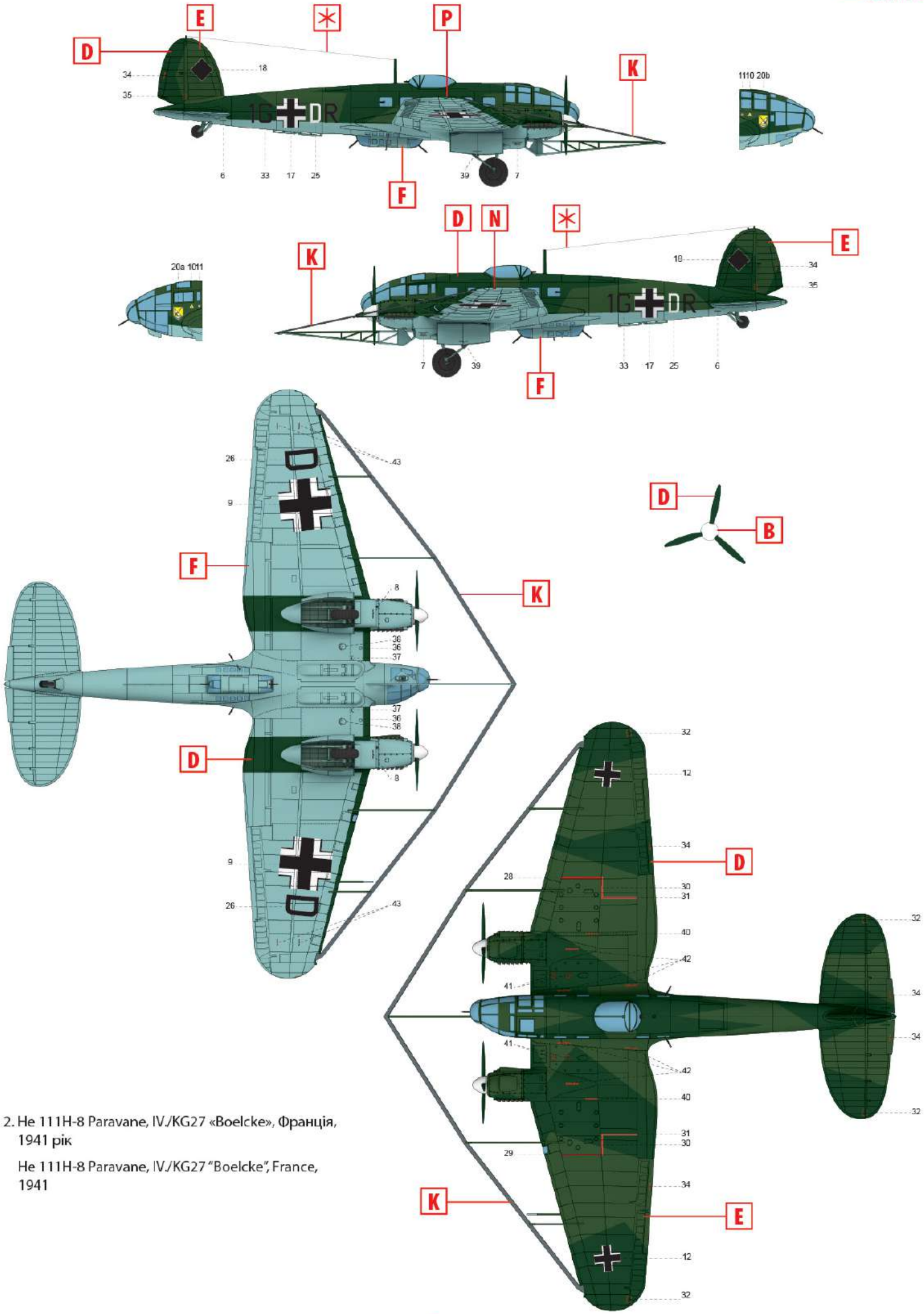






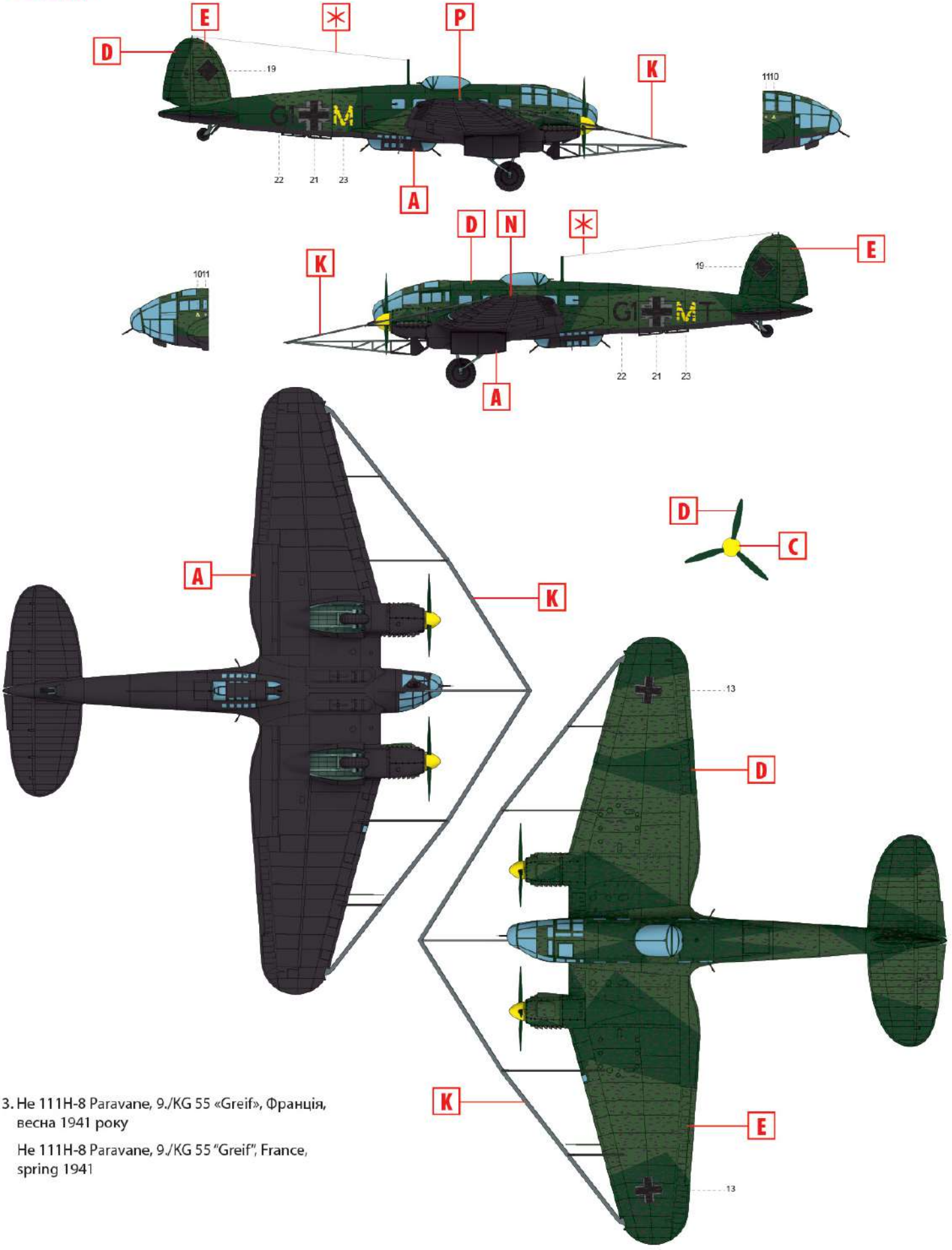
1. He 111H-8 Paravane, невідомий підрозділ, 1941 рік

He 111H-8 Paravane, unknown unit, 1941



2. He 111H-8 Paravane, IV./KG27 «Boelcke», Франція, 1941 рік

He 111H-8 Paravane, IV./KG27 "Boelcke", France, 1941



3. He 111H-8 Paravane, 9./KG 55 «Greif», Франція, весна 1941 року

He 111H-8 Paravane, 9./KG 55 "Greif", France, spring 1941

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