



Mistel S1

1/48 SCALE MODEL KIT № 48101

Mistel S1

немецкий составной учебный авиационный комплекс 2МВ

Недостаточное внимание к бомбардировщикам дальнего действия вынудило командование Люфтваффе в середине Второй мировой войны искать другие способы нанесения ударов по дальним целям. Одним из таких вариантов был ударный составной авиационный комплекс Mistel. Идея состояла в том, чтобы сделать один из самолетов комплекса своего рода большим управляемым снарядом, второй самолет (размещался сверху) брал на себя функции управления. Самолет-ударная единица должен был представлять собой обычный бомбардировщик. В нем вместо кабины экипажа монтировалась огромная боеголовка с зарядом взрывчатки весом около 1800 кг. Самолеты должны были лететь в сцепке, и самолет управления мог получать топливо из баков нижнего самолета. В варианте Mistel 1 самолетом управления был истребитель Messerschmitt Bf 109F-4, а ударным самолетом – бомбардировщик Junkers Ju 88A-4. Учебная версия комплекса для отработки методов управления и наведения получила обозначение Mistel S1.

Тактико-технические характеристики Mistel S1

Длина, м	14,36
Размах крыла, м	20,08
Максимальный взлетный вес, кг	14000+3120
Максимальная скорость, км/ч	380
Дальность полета максимальная, км	2000

Mistel S1

WWII German composite training aircraft

Insufficient attention to long-range bombers forced the Luftwaffe command in the middle of World War II to look for other ways of striking long-range targets. One of these options was the Mistel strike composite aviation complex. The idea was to make one of the aircraft of the complex a kind of large guided projectile, the second aircraft (located on top) took over the control functions. The strike aircraft was supposed to be a conventional bomber. In it, instead of the cockpit, a huge warhead with an explosive charge weighing about 1800 kg was mounted. The planes had to fly in a couple, and the control plane could receive fuel from the tanks of the lower plane. In the Mistel 1 variant, the control plane was the Messerschmitt Bf 109F-4 fighter, and the attack plane was the Junkers Ju 88A-4 bomber. The training version of the complex for practicing control and guidance methods received the designation Mistel S1.

Tactical and Technical Specifications of Mistel S1

Length, m	14,36
Span, m	20,08
Max take-off weight	14000+3120
Max. Speed, km/h	380
Max ferry range	2000

ИСПОЛЬЗУЕМЫЕ КРАСКИ / USED COLORS:

COLOR	ICM	Revell	Tamiya
A Черный Black	1002	302	XF1
B Серый нейтральный Neutral Grey	1036	47	XF75
C Серо-голубой Grey Blue	1075	-	XF18
D Темно-зеленый насыщенный Extra Dark Green	1069	65	XF13
E Серый полевой немецкий German Field Grey	1070	67	XF27
F Серо-голубой Blue Grey	1032	55	XF80
G Темно-серый Dark Grey	1037	302	XF24
H Серо-зеленый Grey Green	1035	145	XF73

COLOR	ICM	Revell	Tamiya
J Алюминий Aluminium	1023	199	XF16
K Сталь Natural Steel	1025	191	X32
L Оружейная сталь Gun metal	1027	109	X10
M Ржавчина темная Dark Rust	1051	183	XF64
N Бледно-синий Pale Blue	1074	-	XF23
P Полупрозрачный красный Clear Red	1011	731	X27
Q Полупрозрачный зеленый Clear Green	1014	161	X25

Для получения глянцевого, сатинового или матового эффекта - используйте наши лаки!

For a glossy, satin or matte effect - use our varnishes!



2001
МАТОВЫЙ ЛАК
VARNISH MATT



2002
САТИНОВЫЙ ЛАК
VARNISH SATIN



2003
ГЛЯНЦЕВЫЙ ЛАК
VARNISH GLOSS

01 СТАДИЯ СБОРКИ
ASSEMBLY STEP

A ИСПОЛЬЗУЕМАЯ КРАСКА
USED COLOR

x2 СДЕЛАТЬ ДВЕ ДЕТАЛИ
MAKE 2 PCS

X НЕ КЛЕИТЬ
DO NOT CEMENT

03 СБОРОЧНАЯ ЕДИНИЦА
ASSEMBLY UNIT

? ПРОИЗВОЛЬНЫЙ ВЫБОР
OPTIONAL

□ ПРИ СБОРКЕ НЕ ИСПОЛЬЗУЕТСЯ
PARTS NOT FOR USE

ВНИМАНИЕ!

Перед сборкой внимательно прочтите руководство по монтажу. Каждая деталь пронумерована. Соблюдать последовательность монтажа. Необходимы рабочие инструменты: нож и напильник для зачистки деталей; резиновая лента, клейкая лента и зажимы для сушки бели для прижимаемых склеиваемых деталей. Детали из пластика очистить в растворе мягкого моющего средства и высушить на воздухе для того, чтобы краска и переводные картинки лучше приклеились. Перед приклеиванием проверить, подходит ли детали; клей наносить экономно. Краску и краску удалить с поверхности склеивания. Необходимо детали покрасить перед тем, как они будут удалены из рамок. Краску необходимо хорошо просушить, только после этого продолжать сборку. Каждую соответствующую переводную картинку отдельно вырезать и приклеить на 20 секунд окунуть в теплую воду. На обозначенном месте картинку отделить от бумаги и прижать промокательной бумагой.

САУТИОНИ!

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.

ООО ICM Холдинг

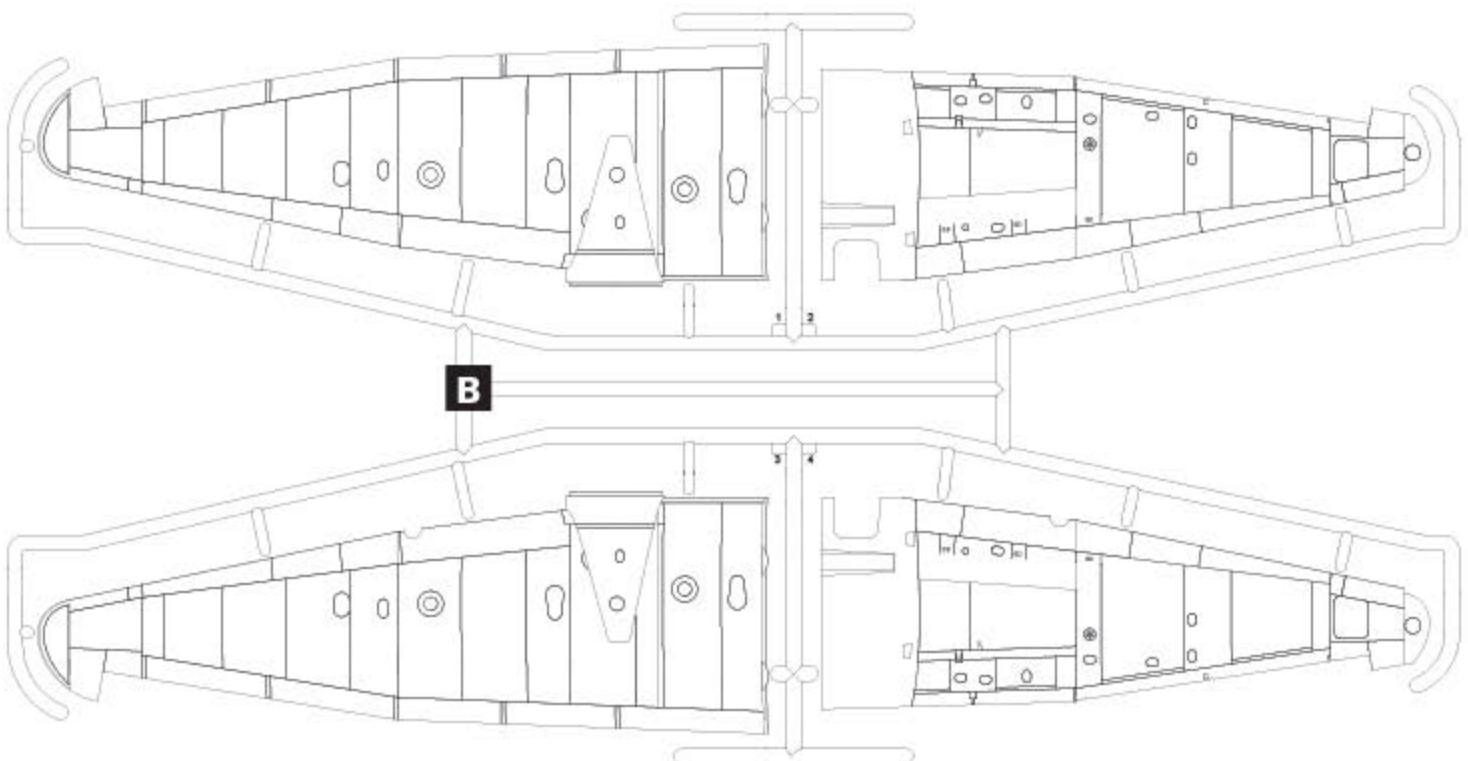
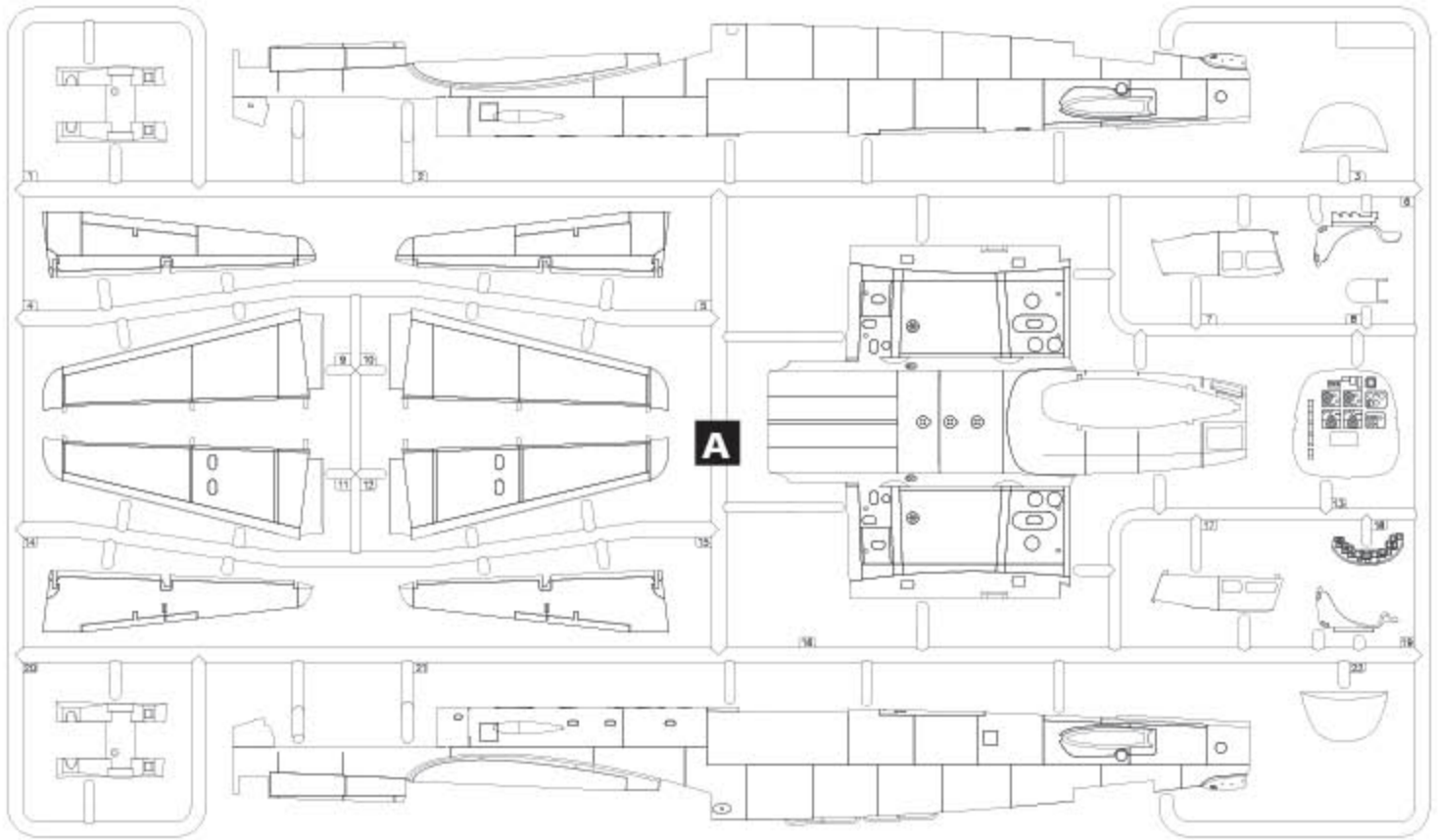
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02099, Киев, Украина
Тел./факс: +38(044) 369 54 12
E-mail: export@icm.com.ua

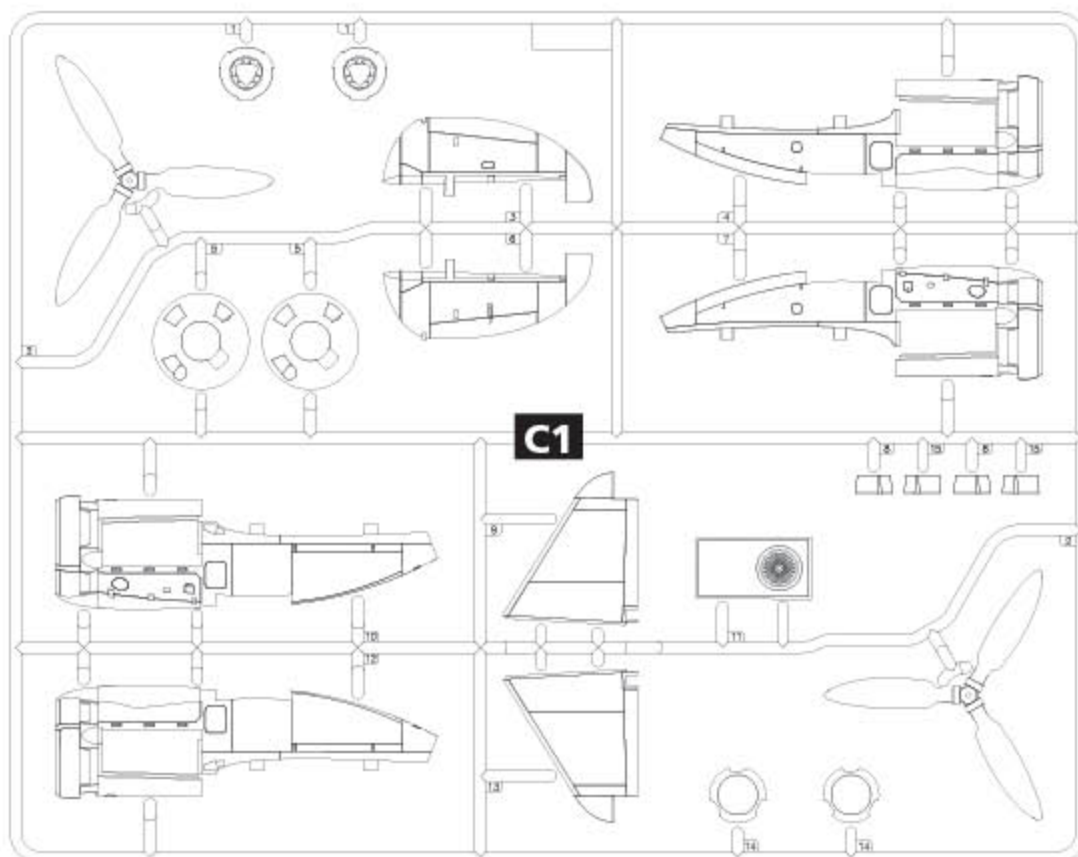
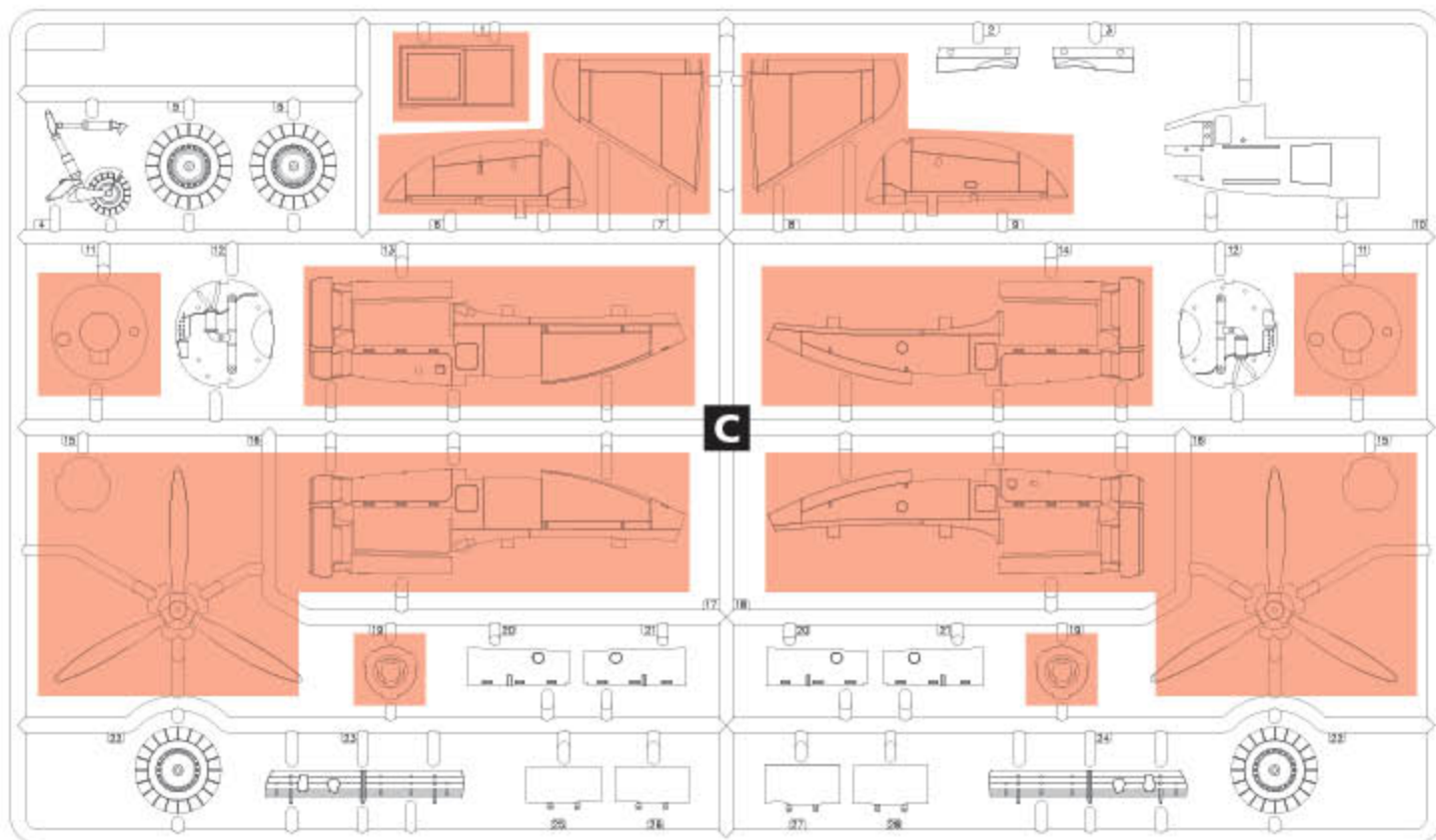


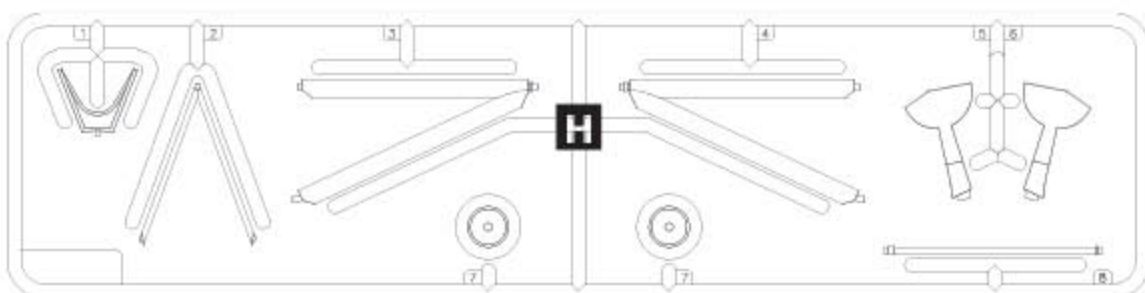
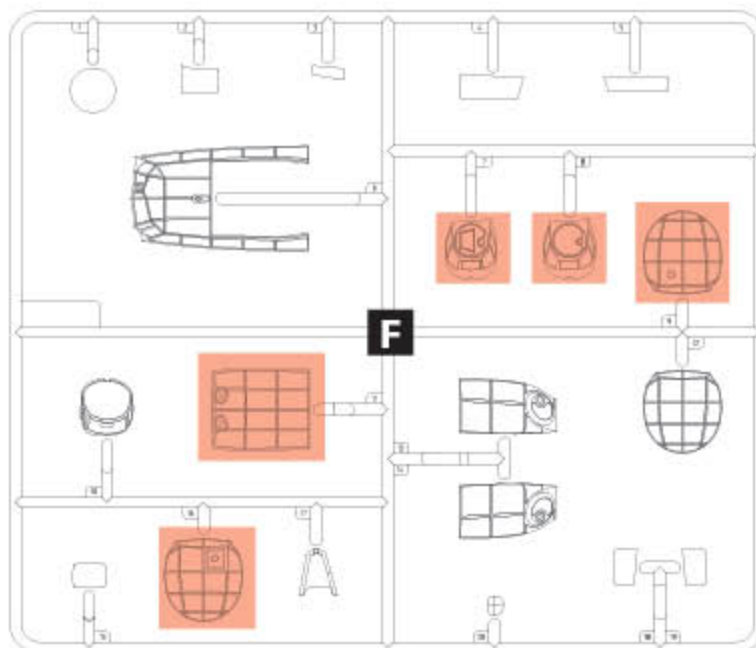
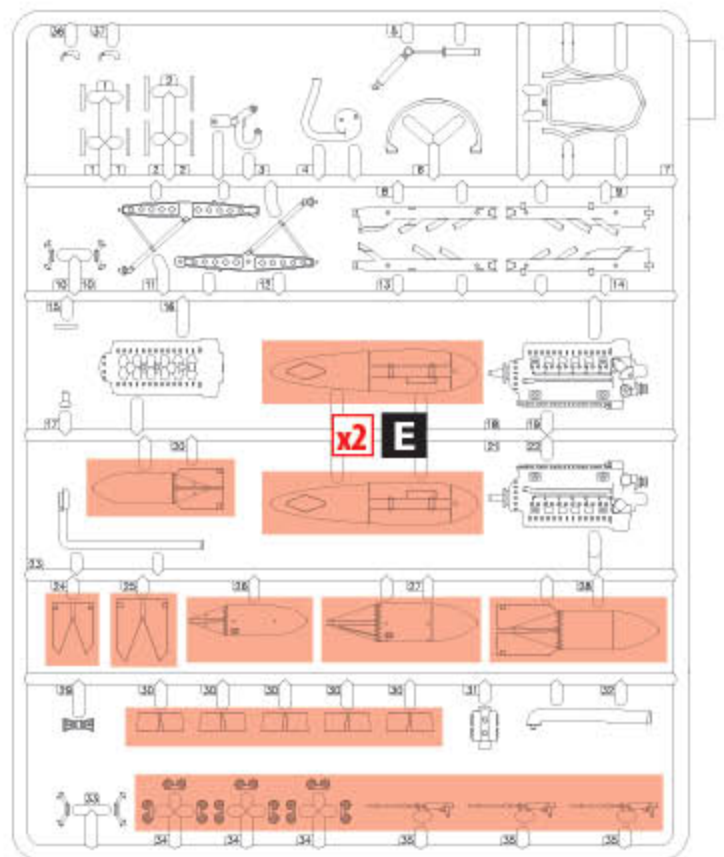
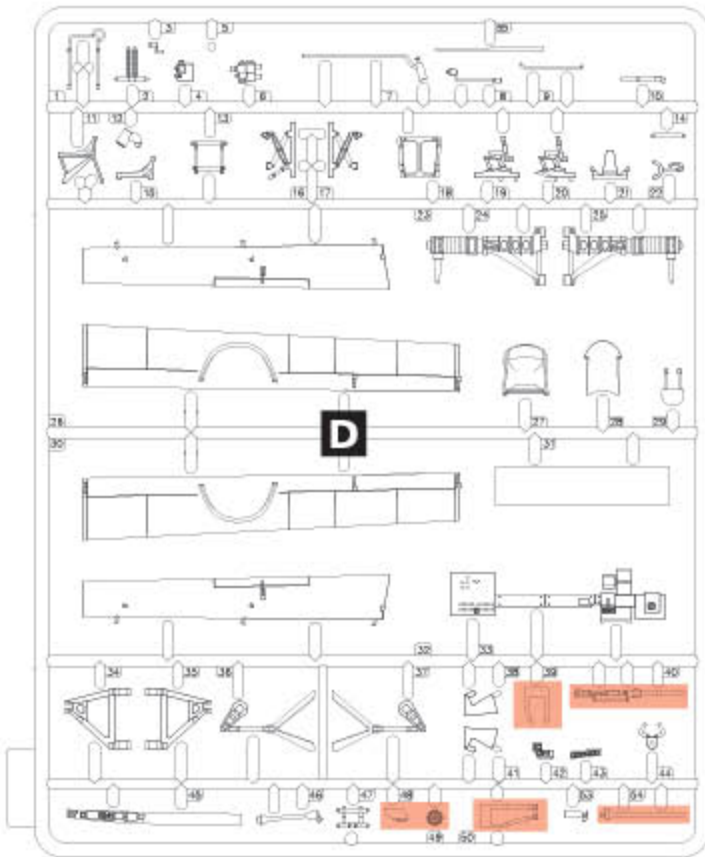
ICM Holding

Borispolskaya, 9, build. 64,
02099, Kiev, Ukraine
Tel./Fax: +38(044) 369 54 12
E-mail: export@icm.com.ua

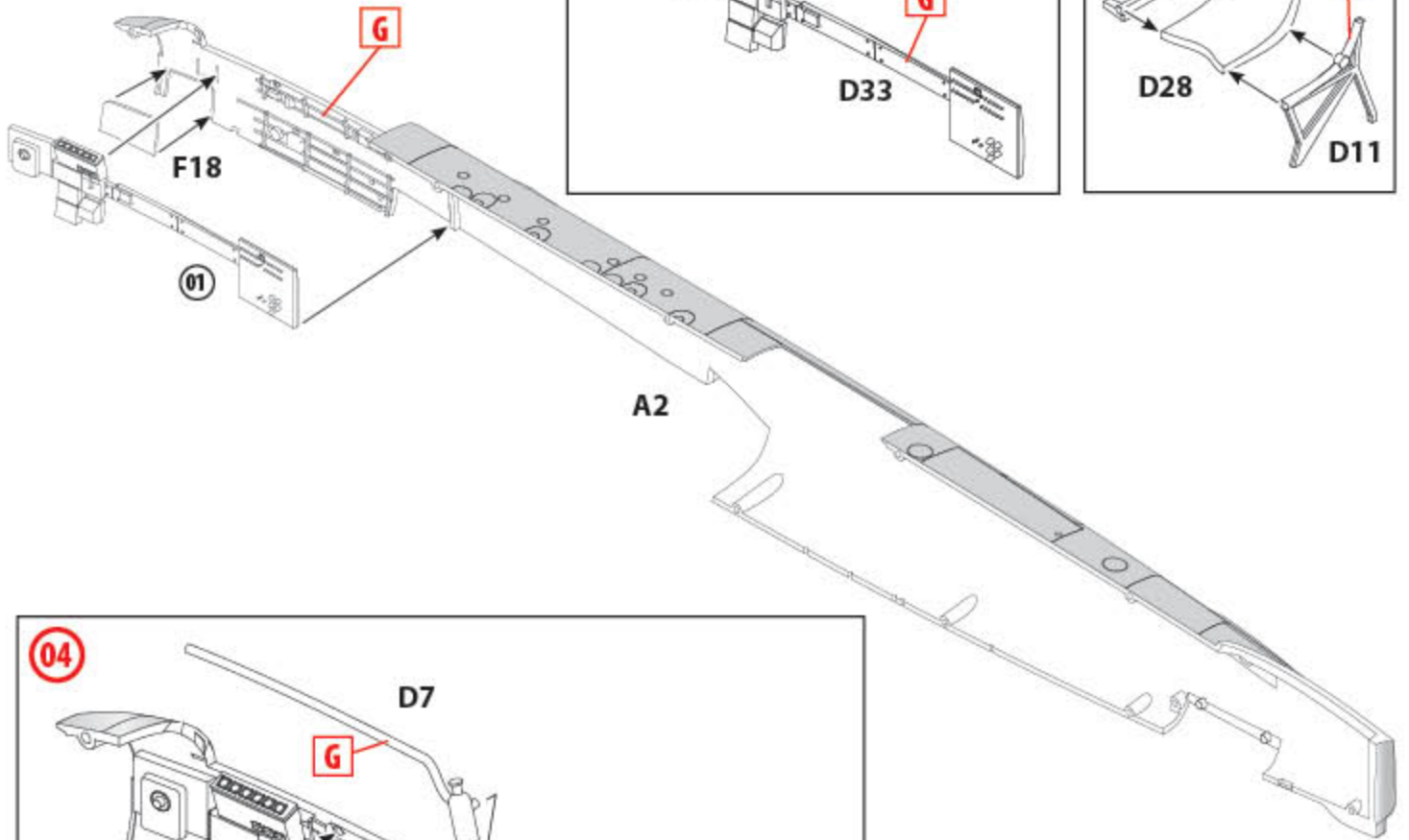
Junkers Ju 88A-4



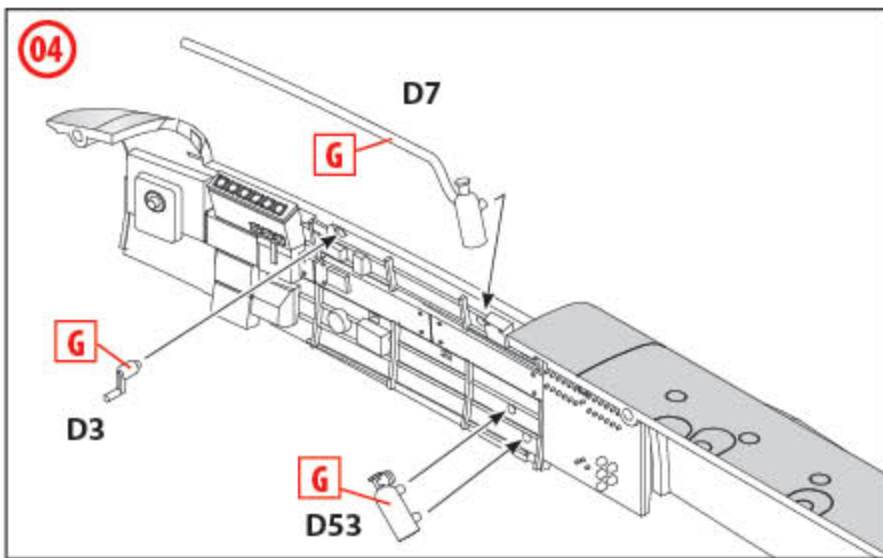




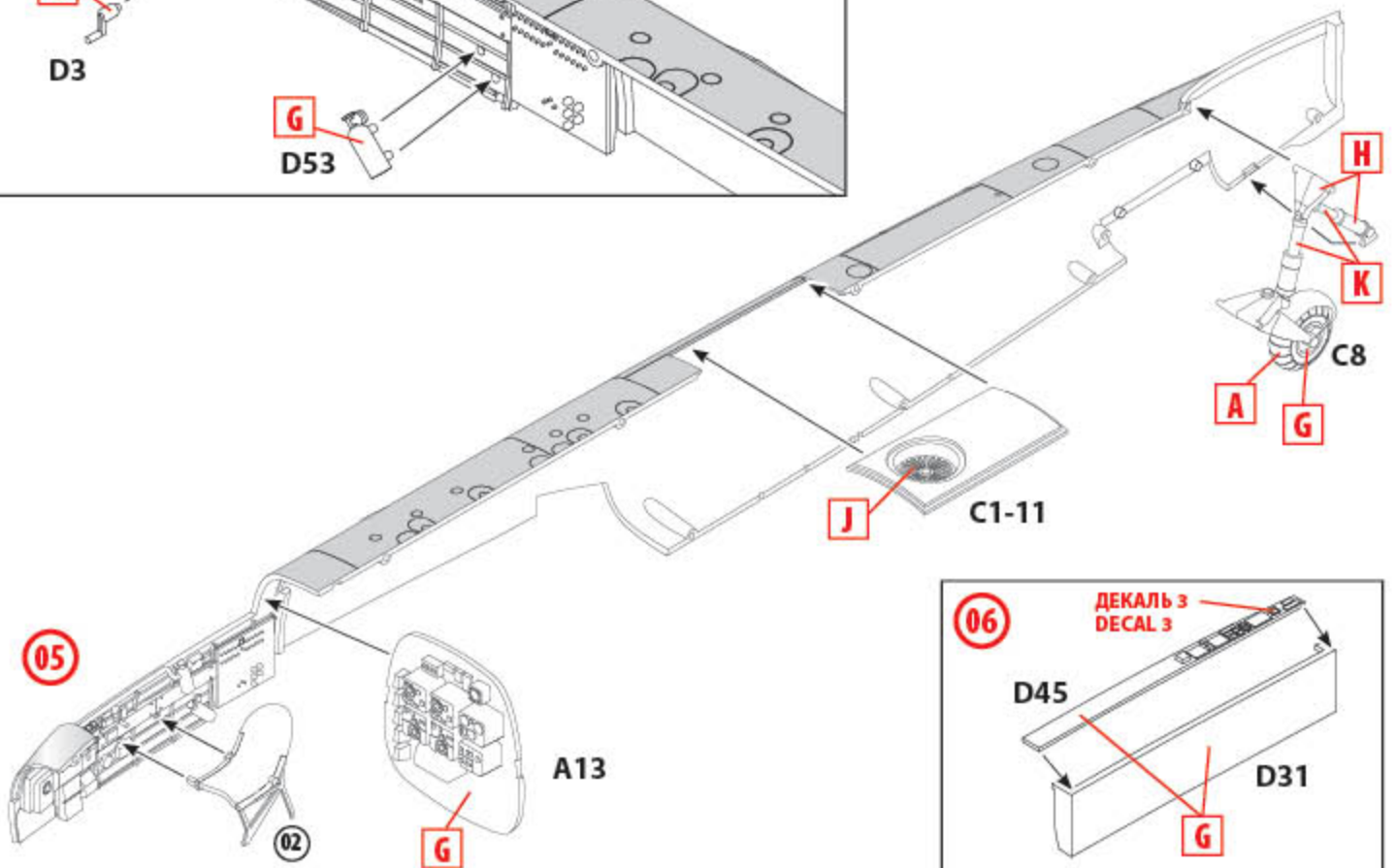
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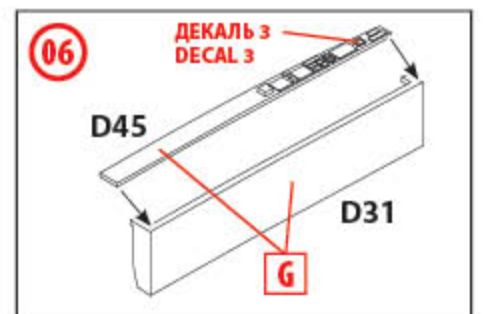
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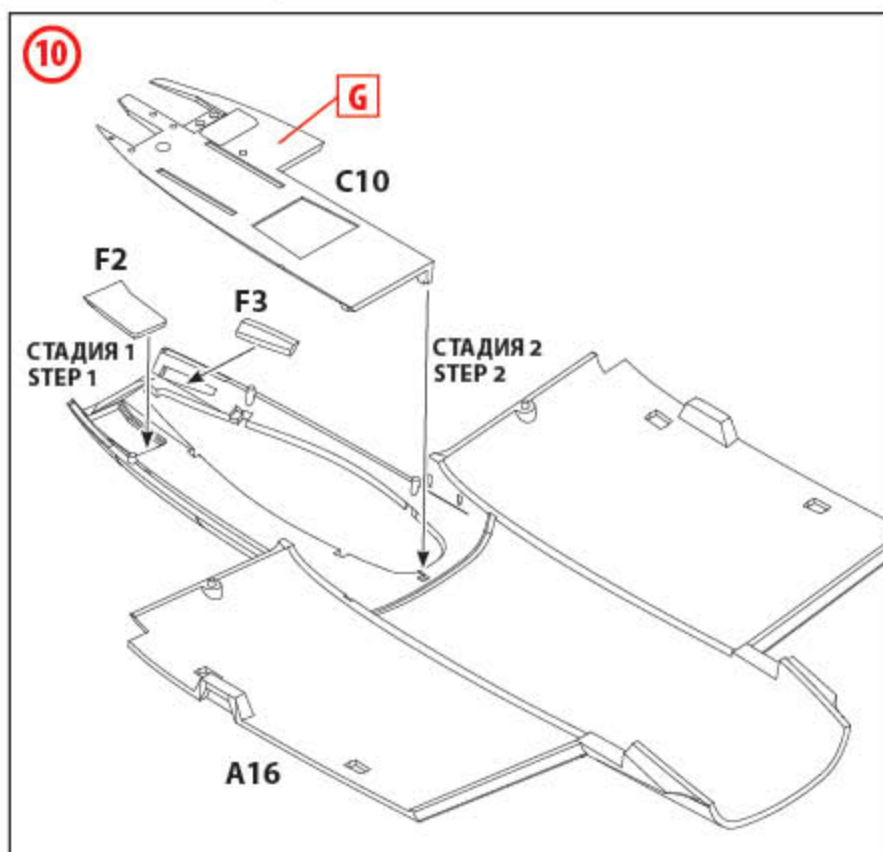
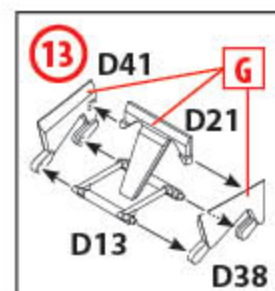
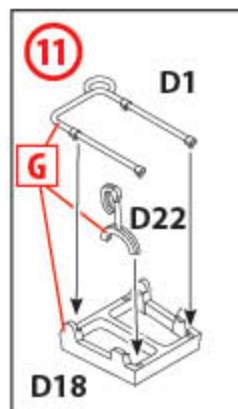
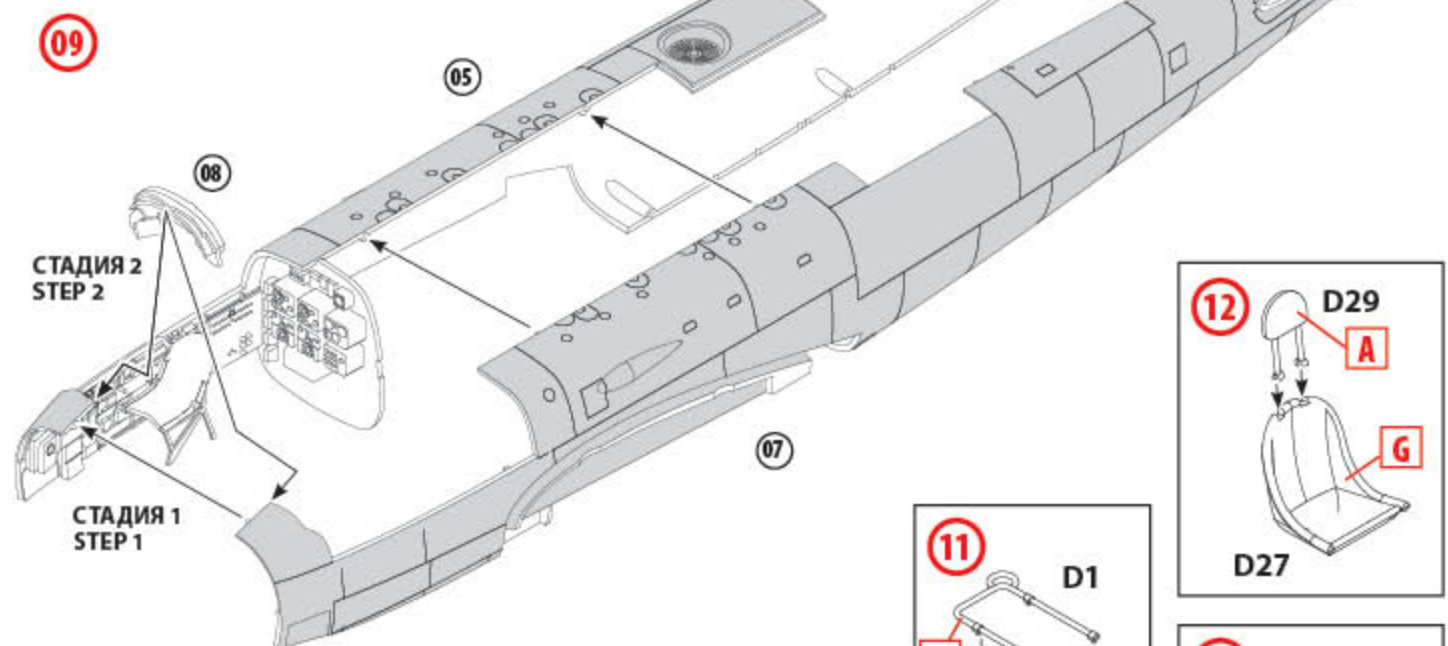
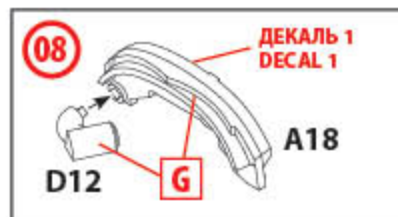
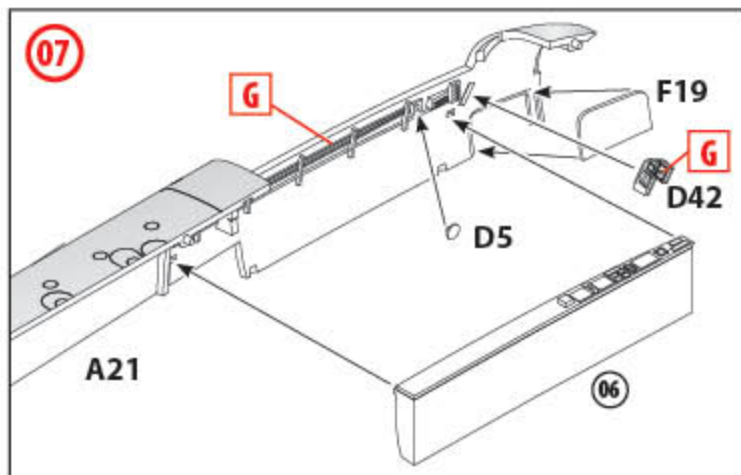


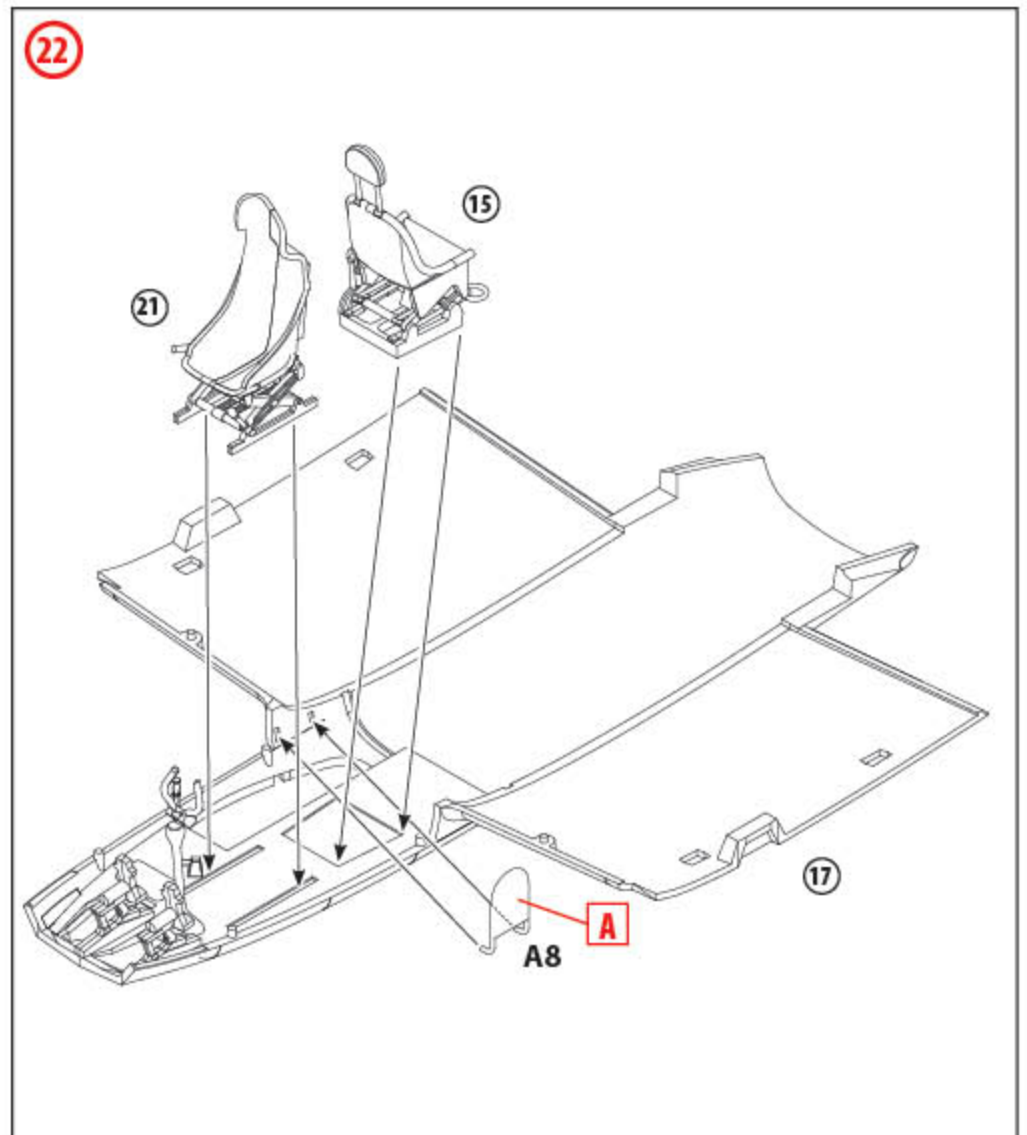
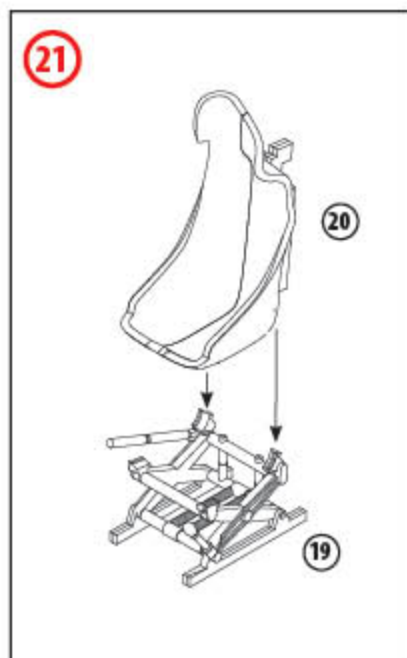
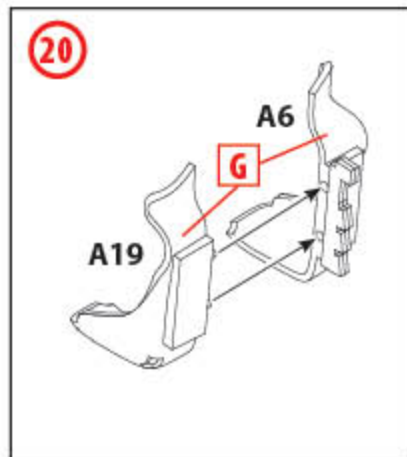
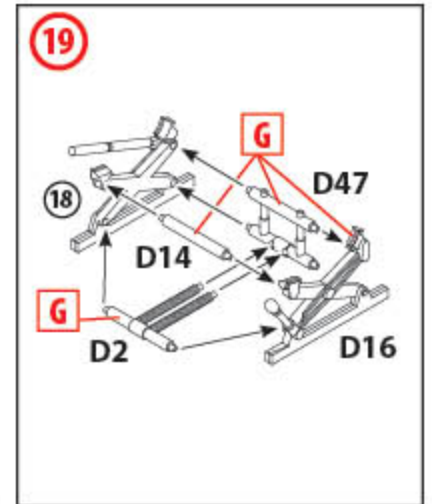
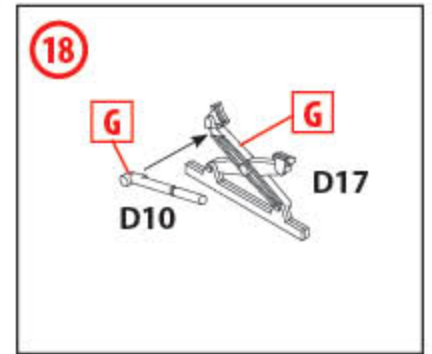
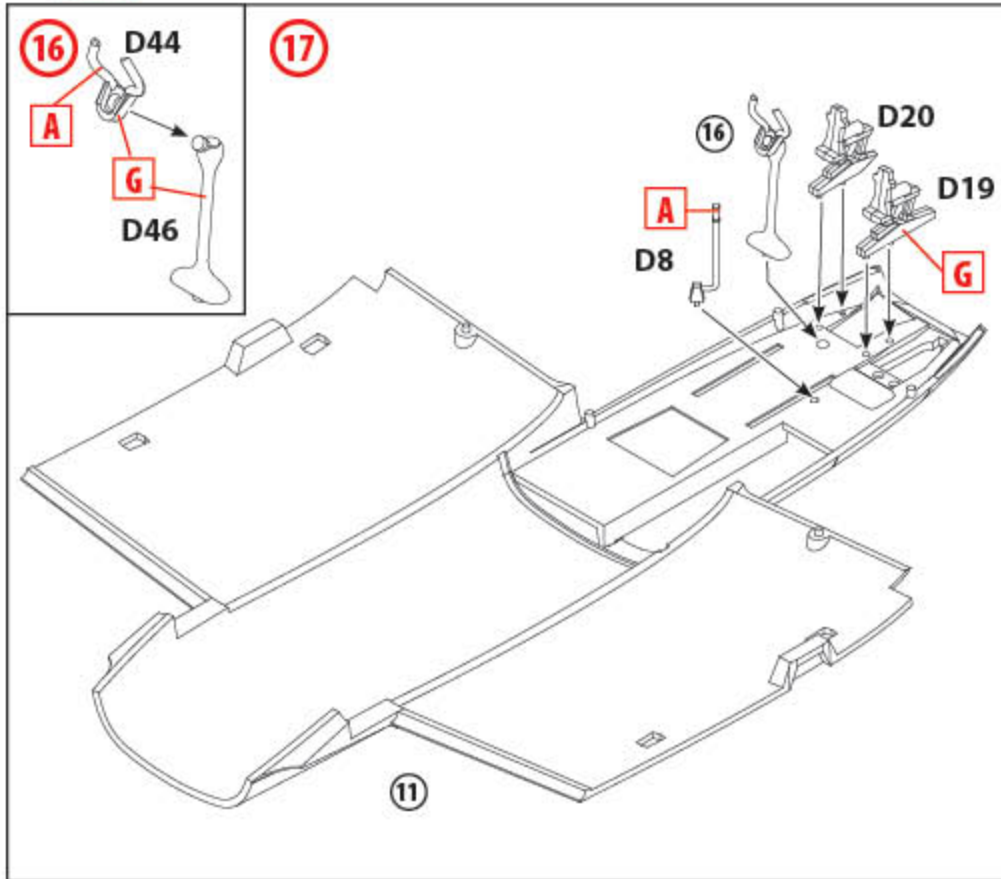
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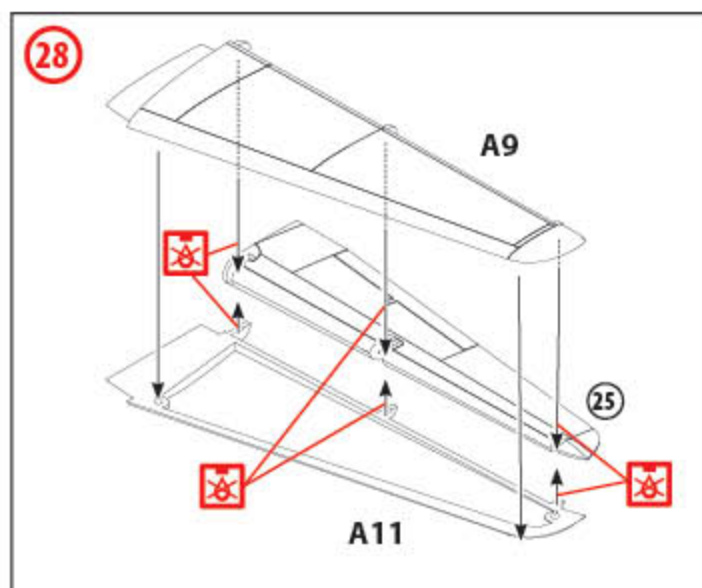
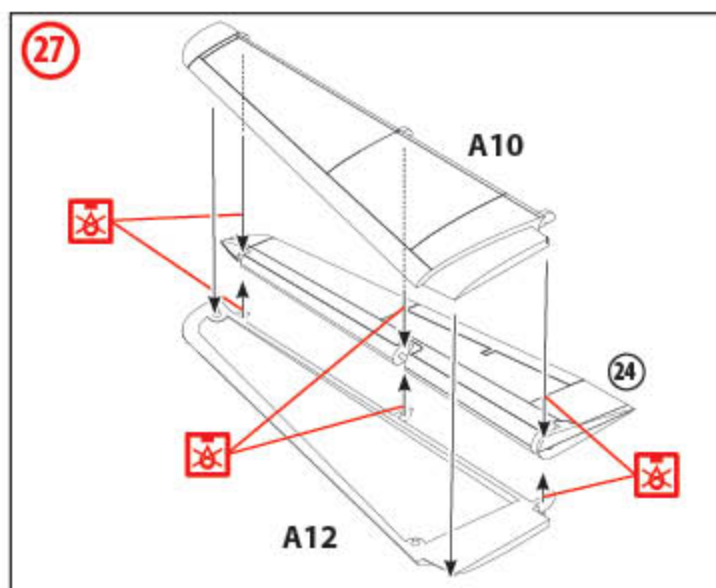
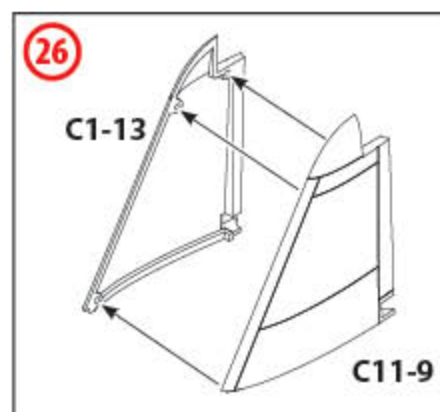
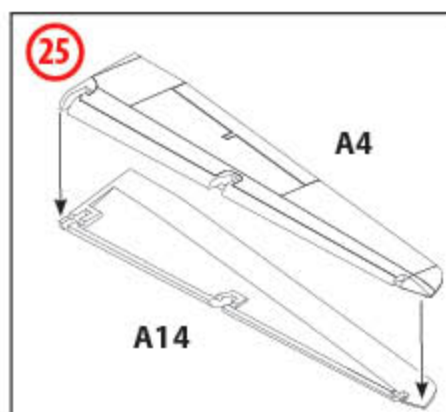
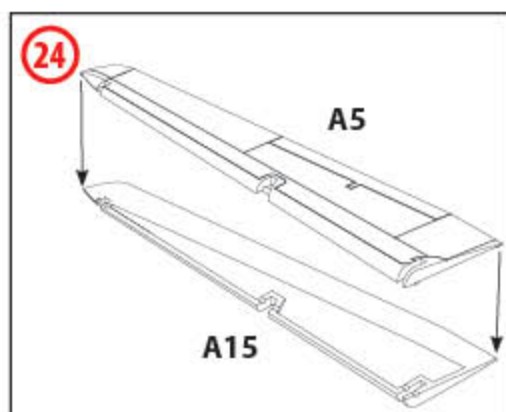
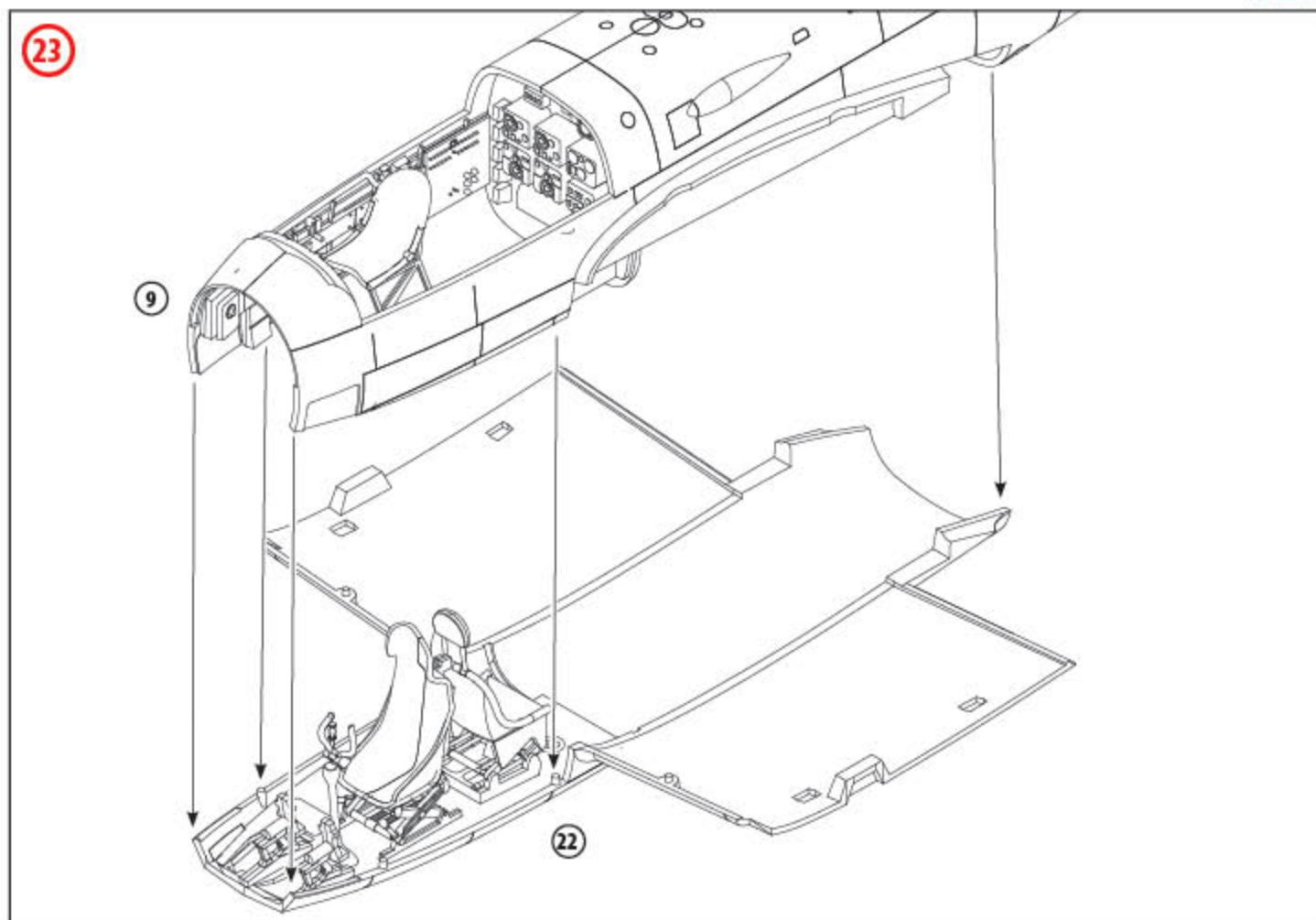


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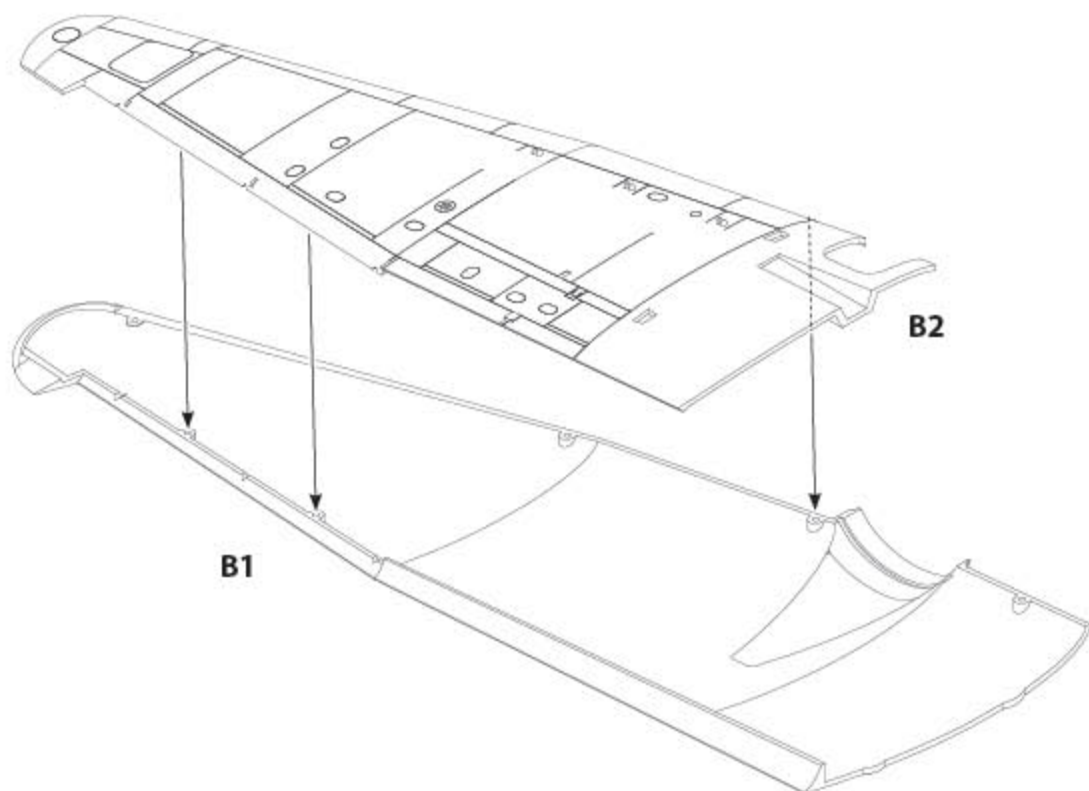




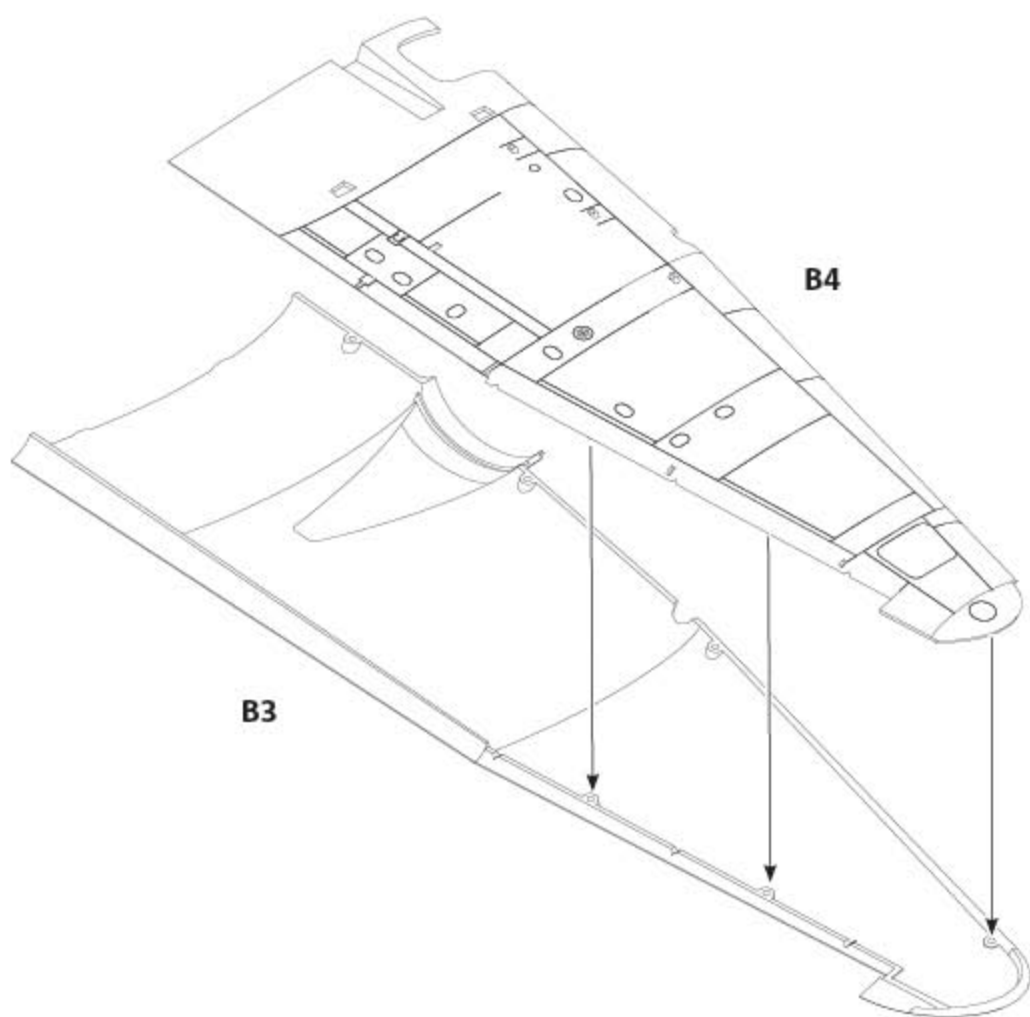


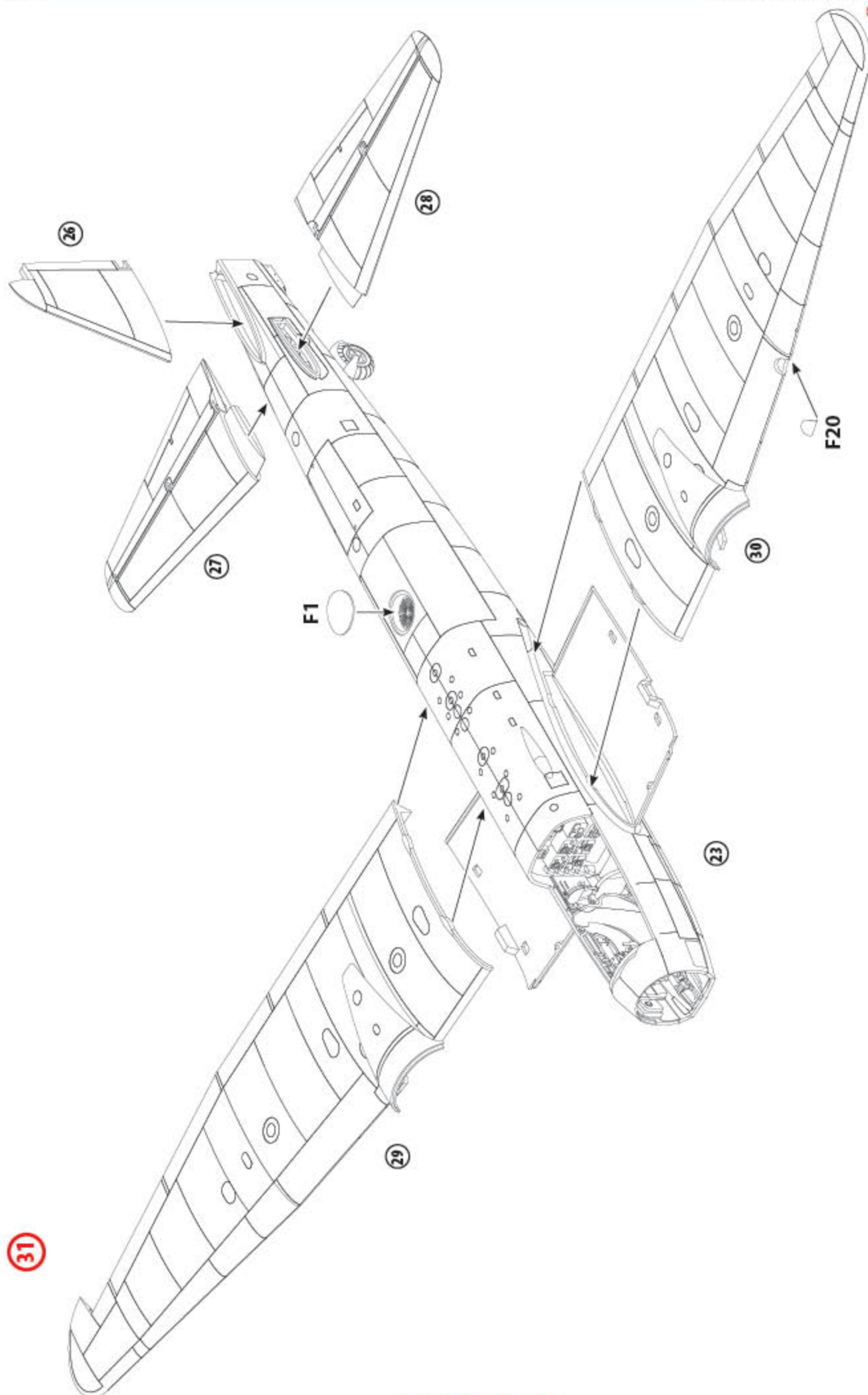


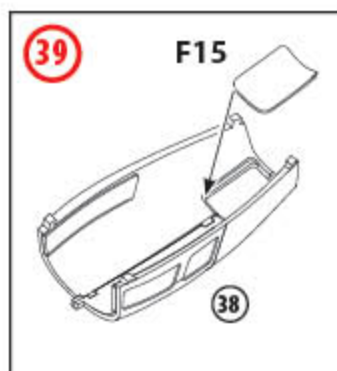
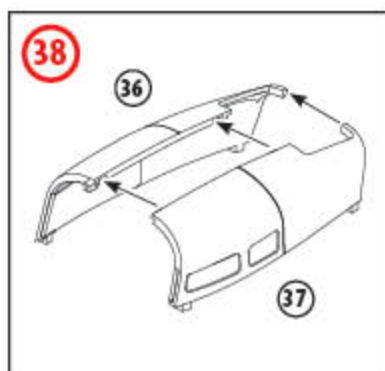
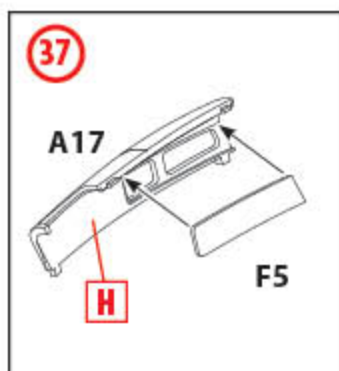
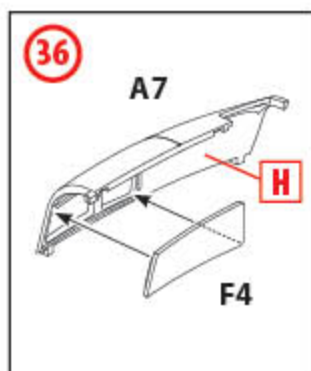
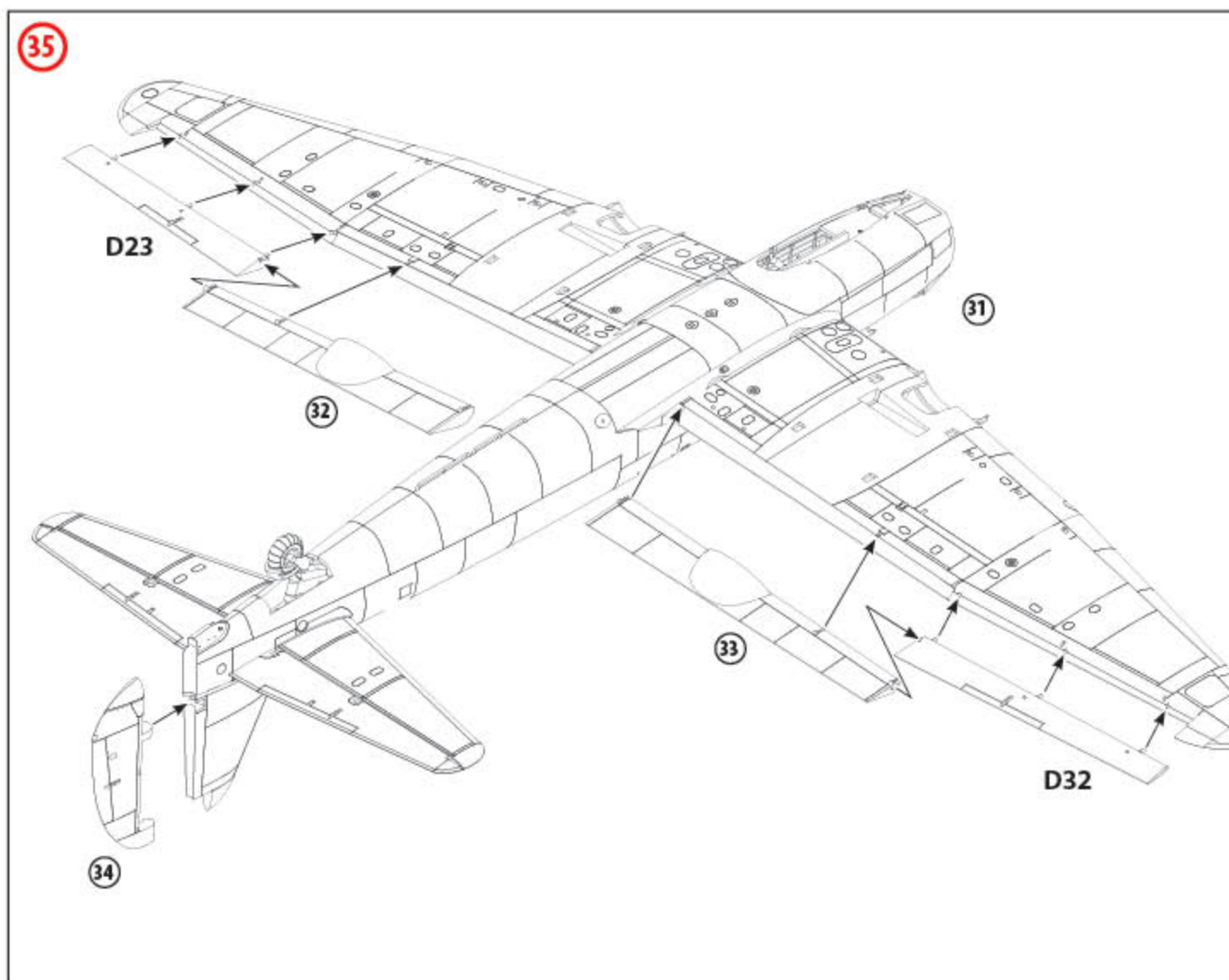
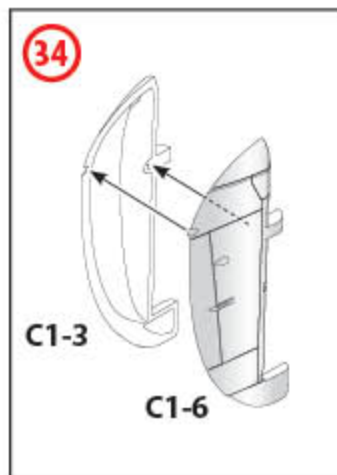
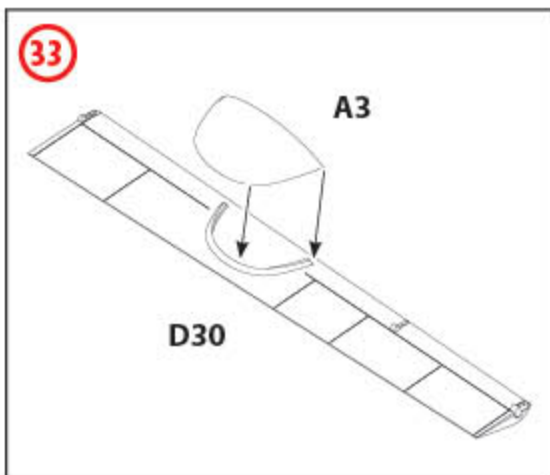
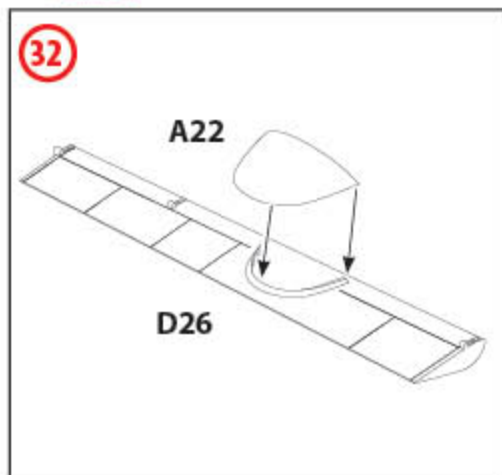
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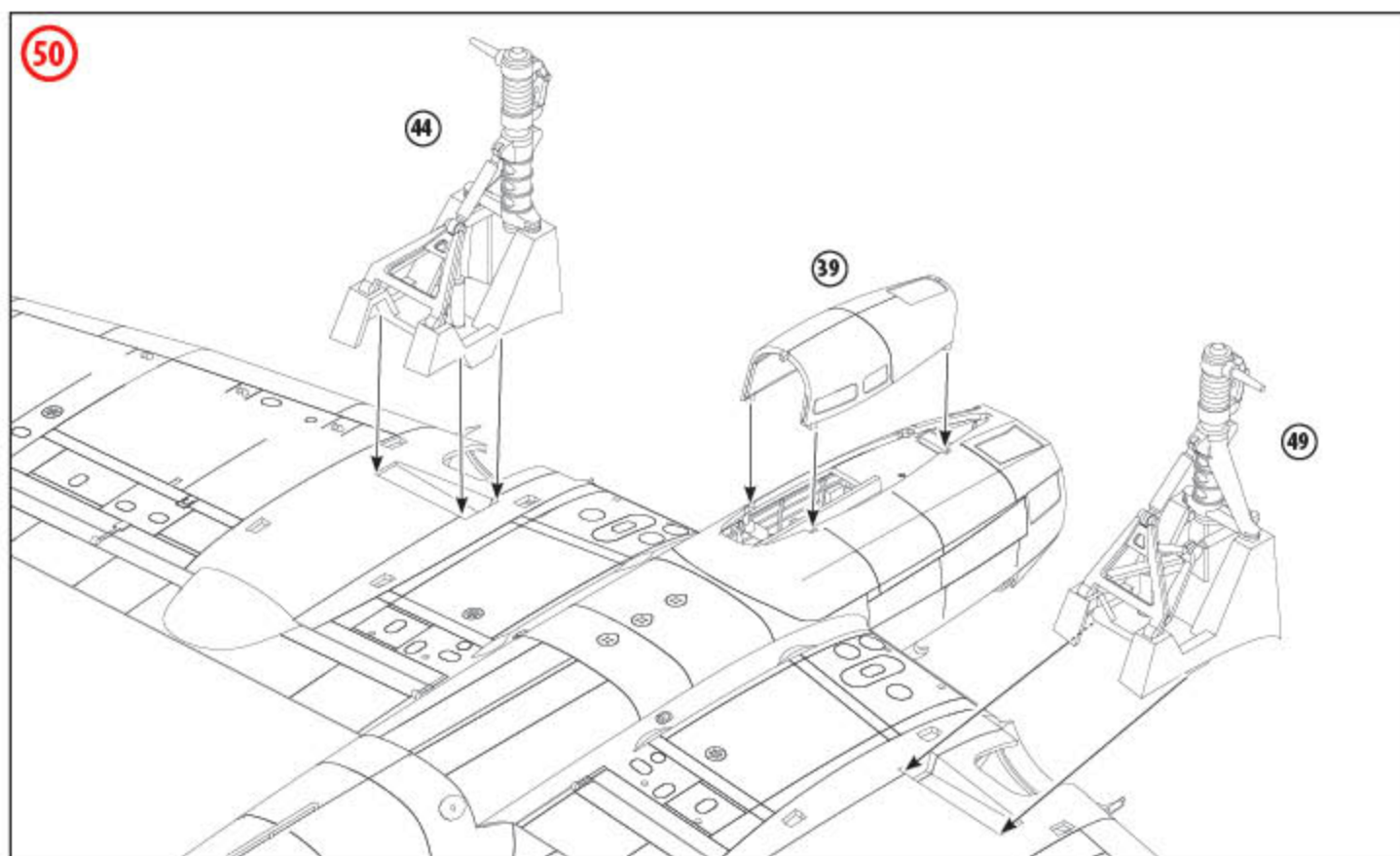
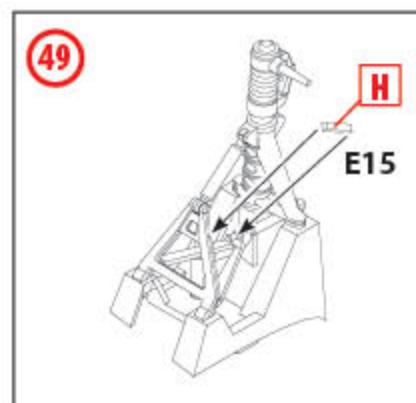
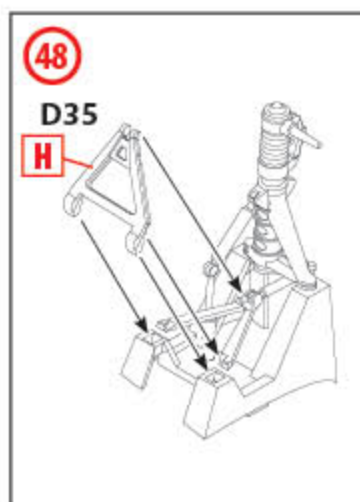
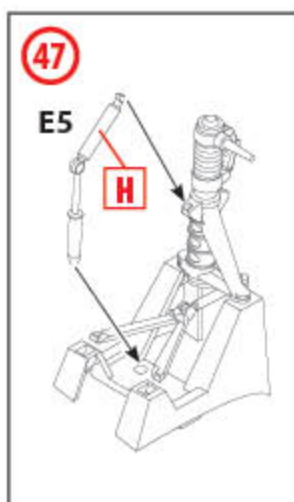
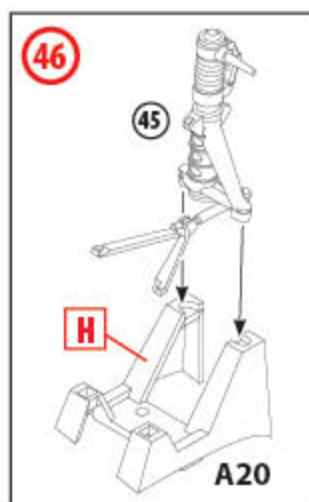
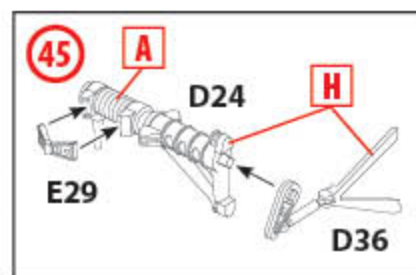
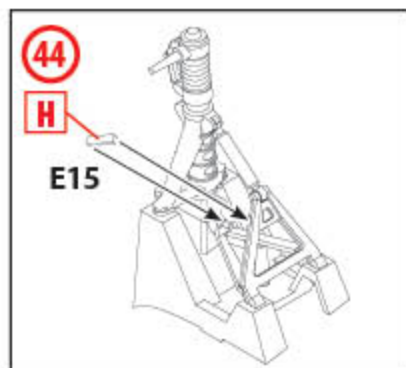
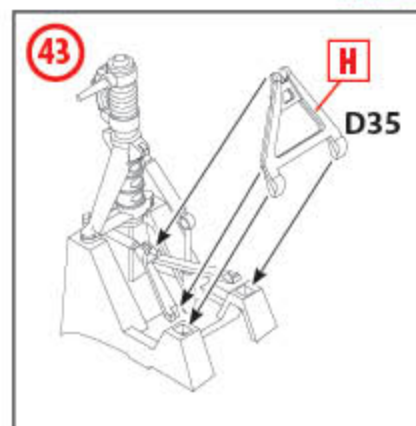
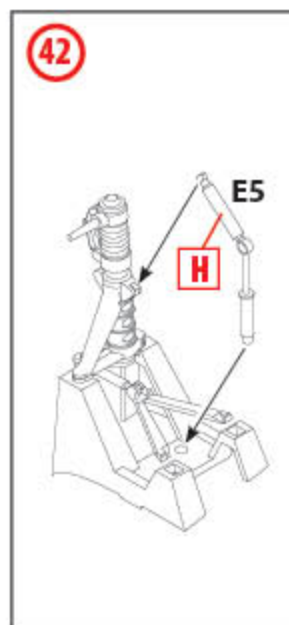
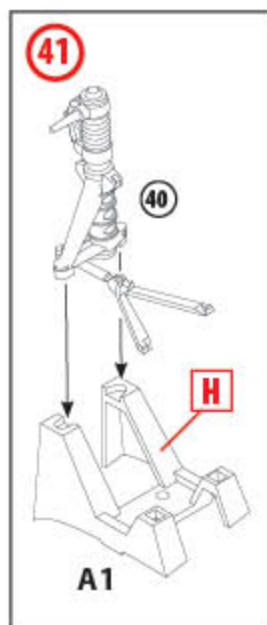
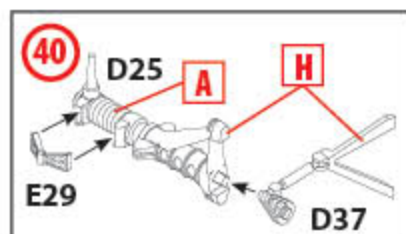


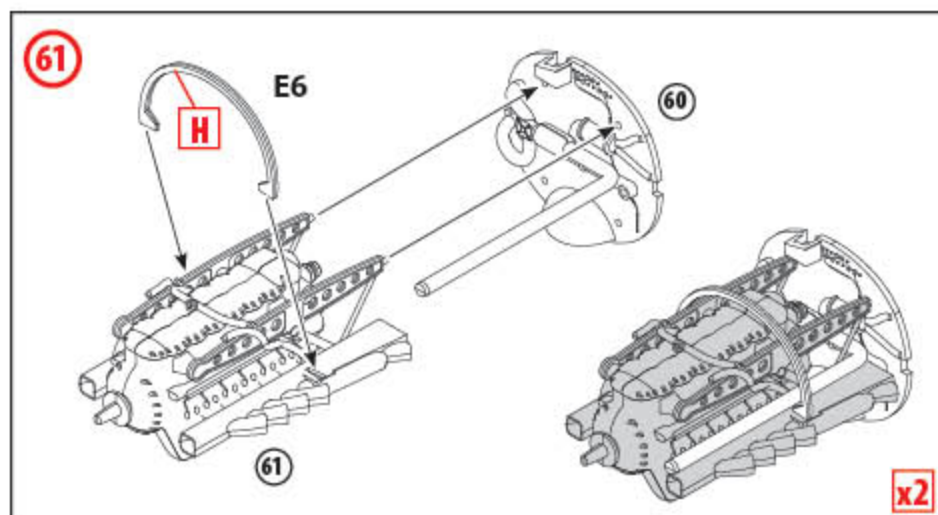
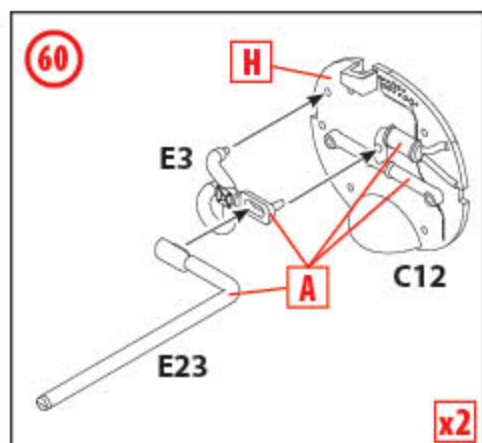
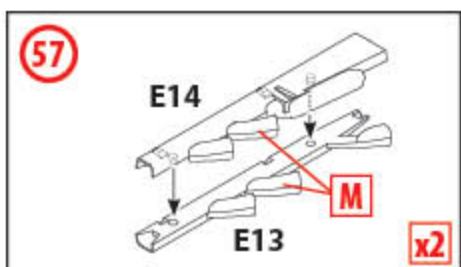
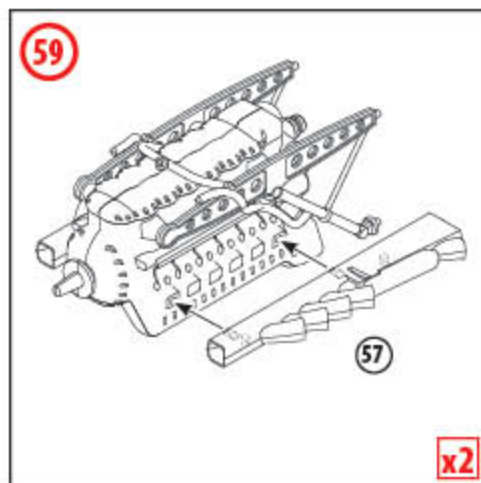
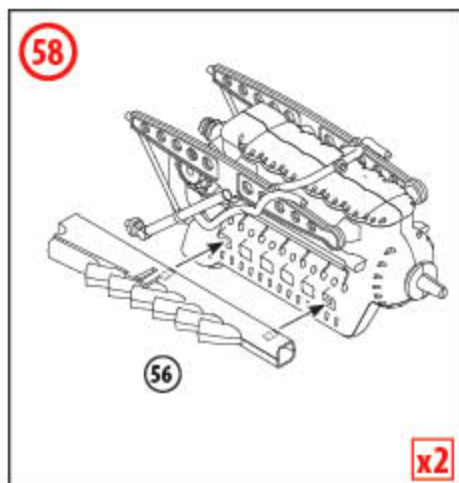
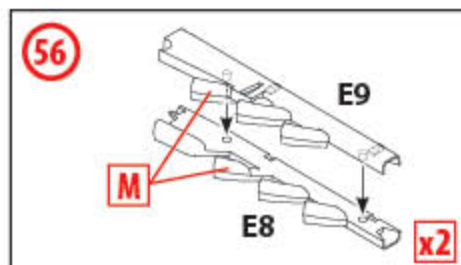
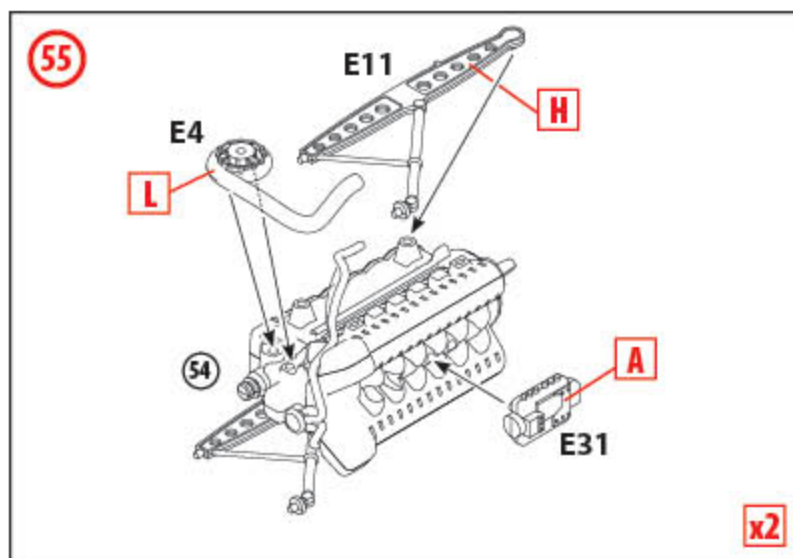
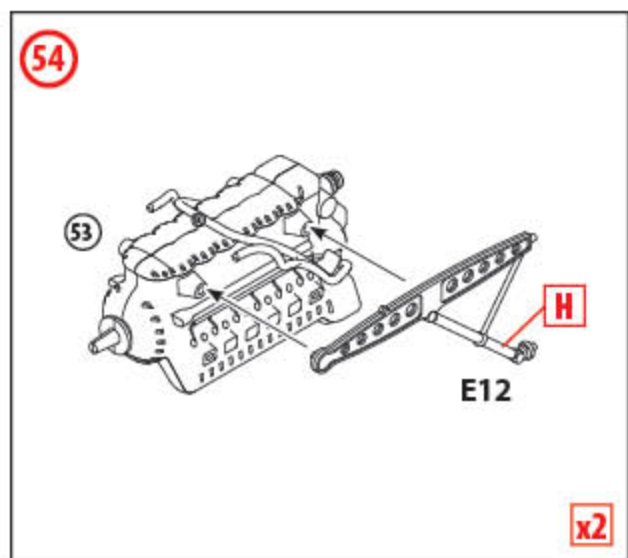
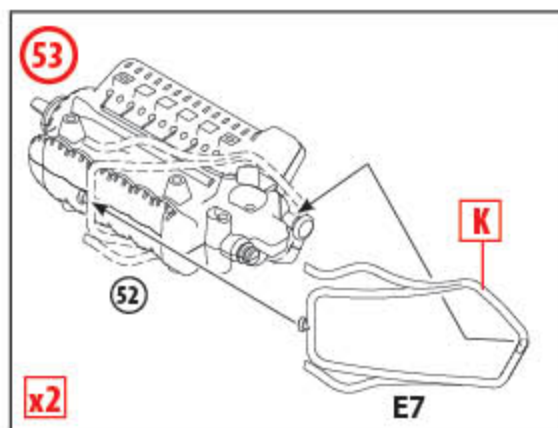
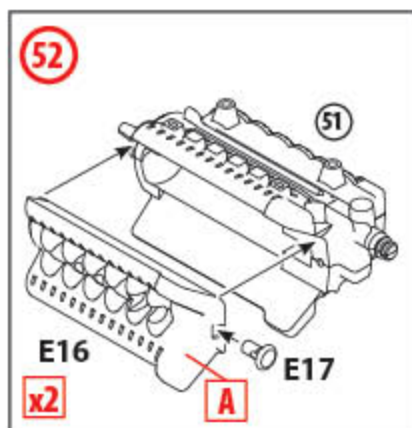
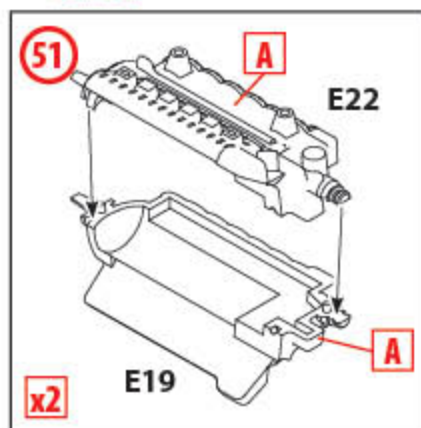
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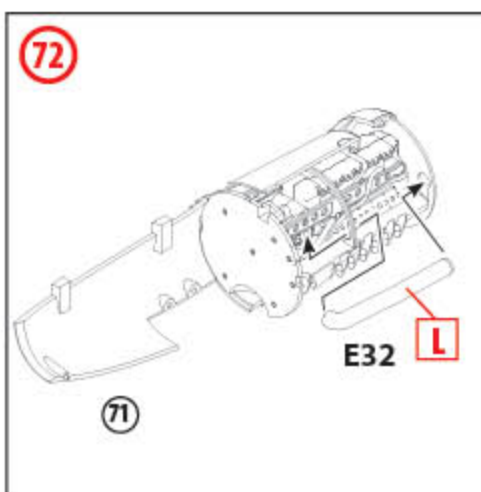
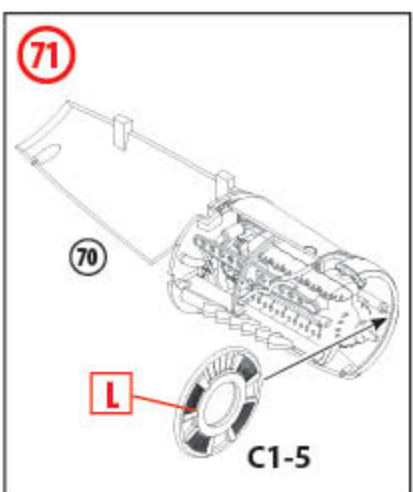
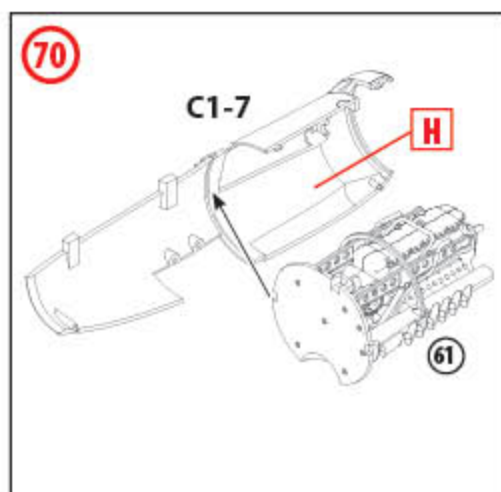
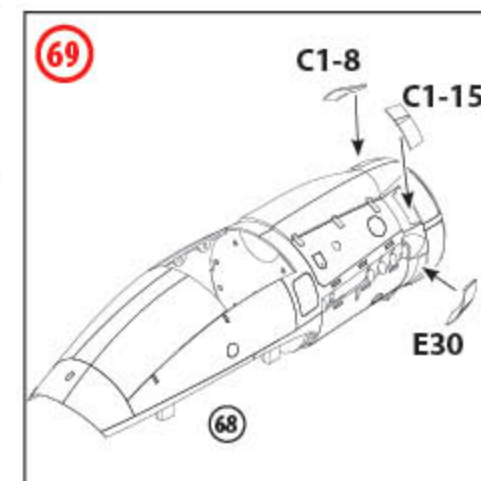
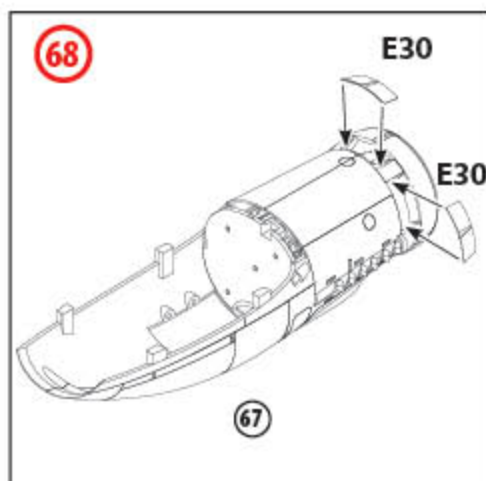
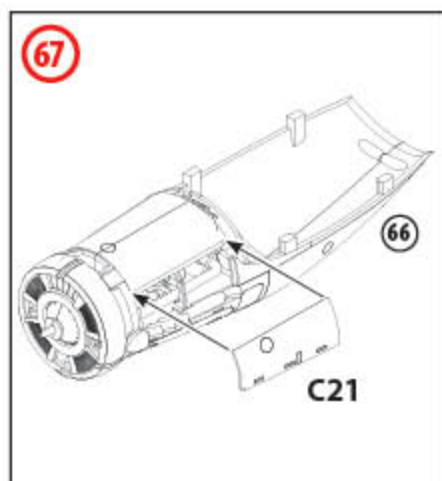
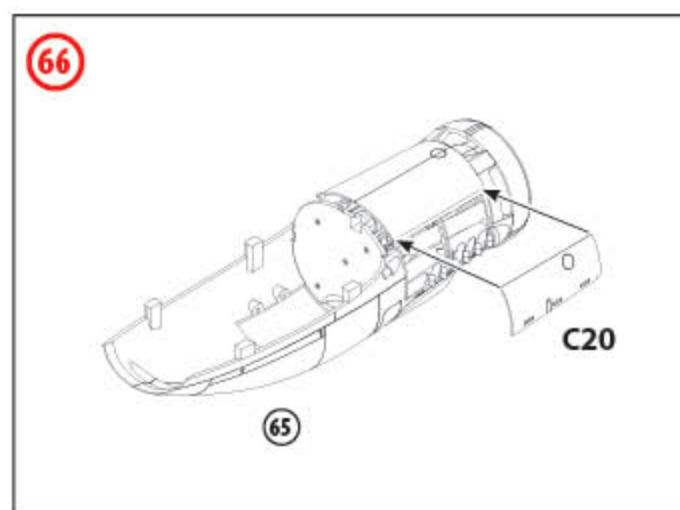
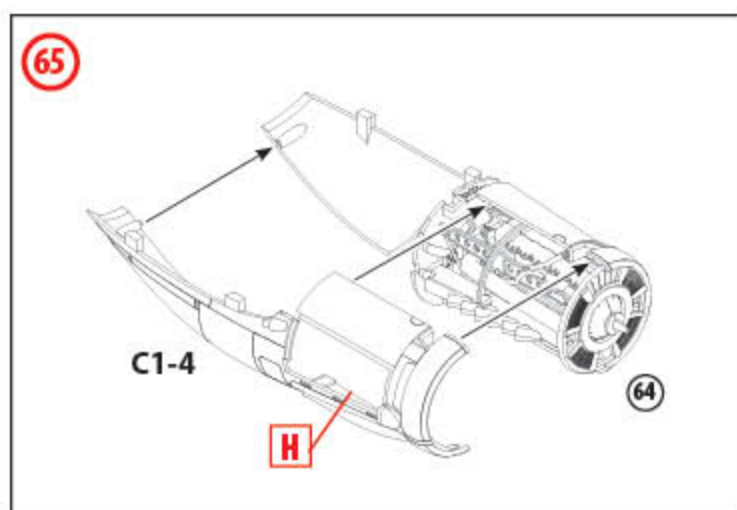
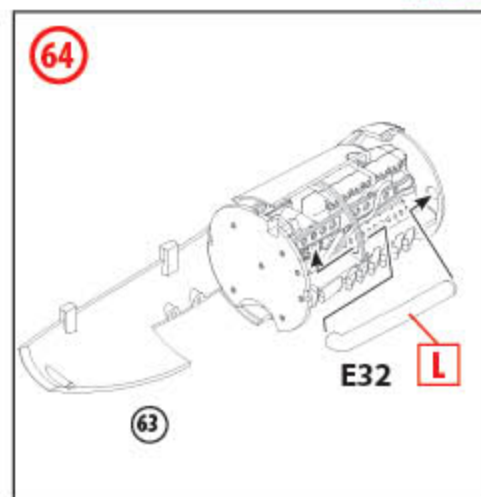
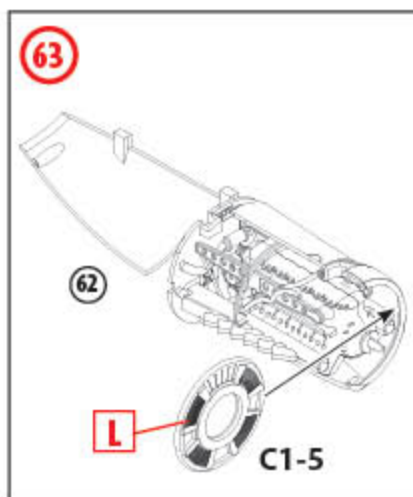
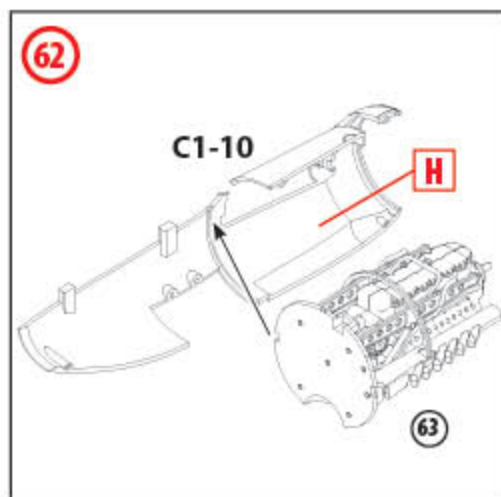


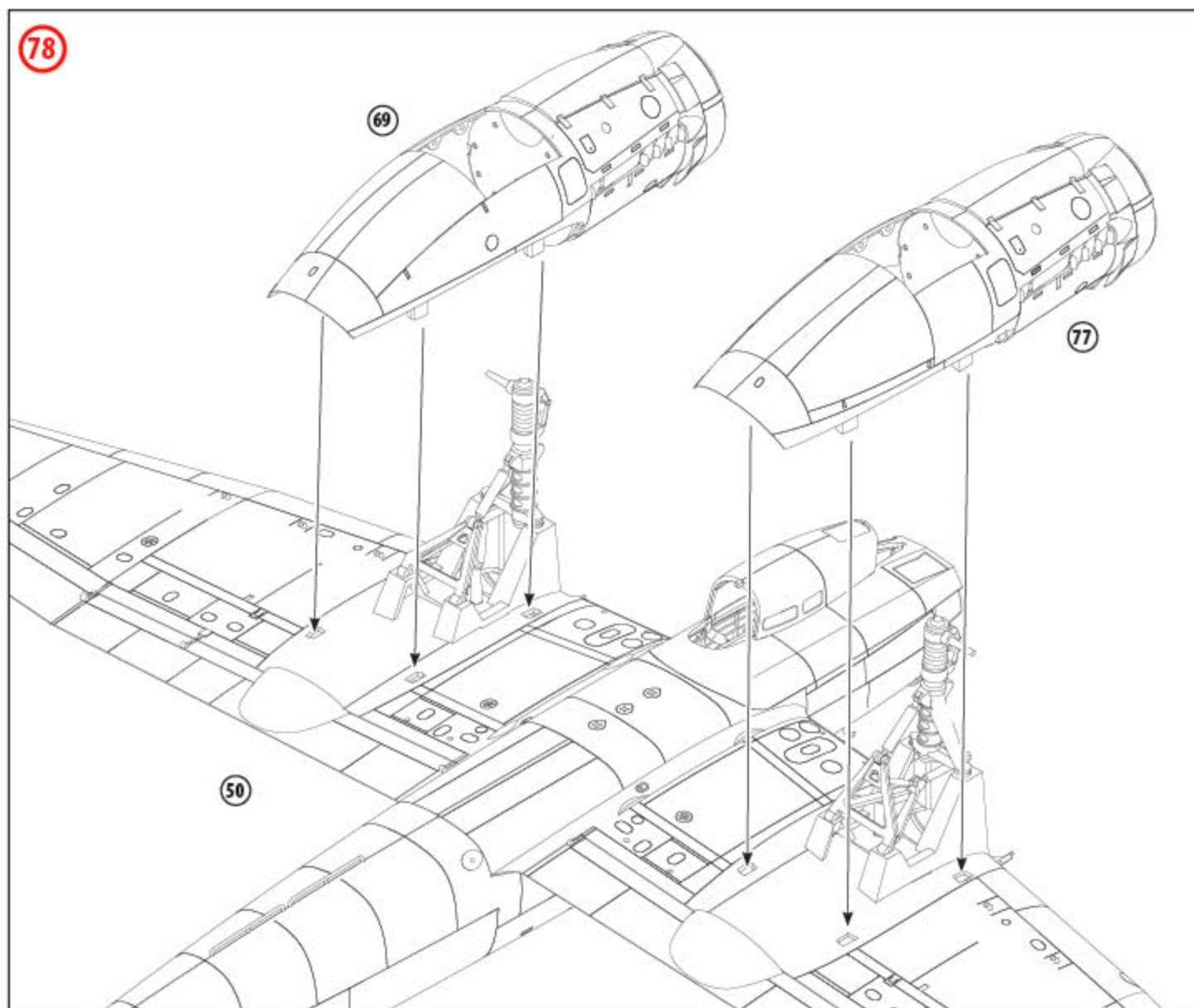
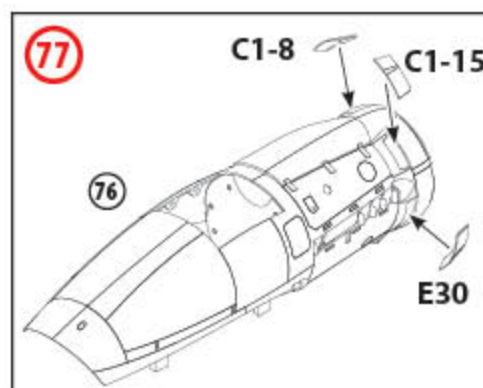
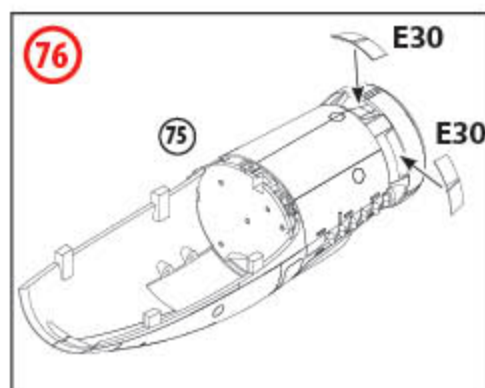
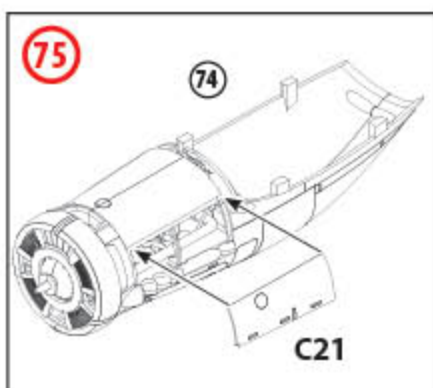
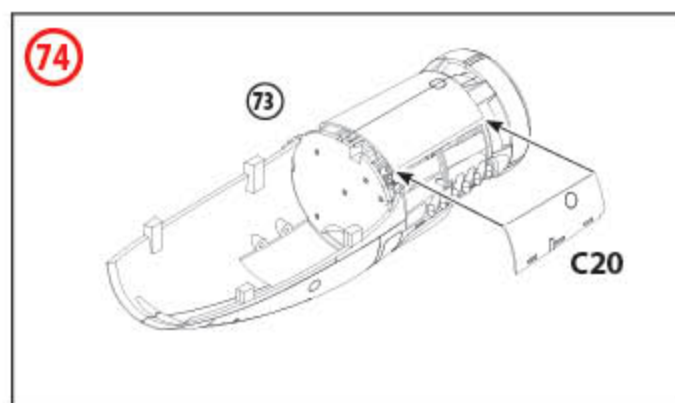
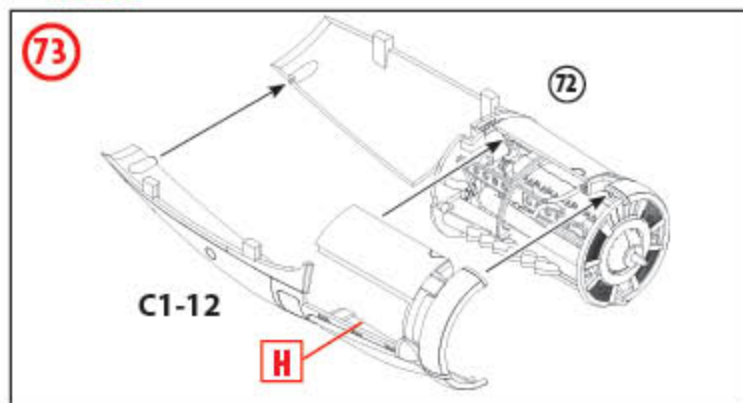


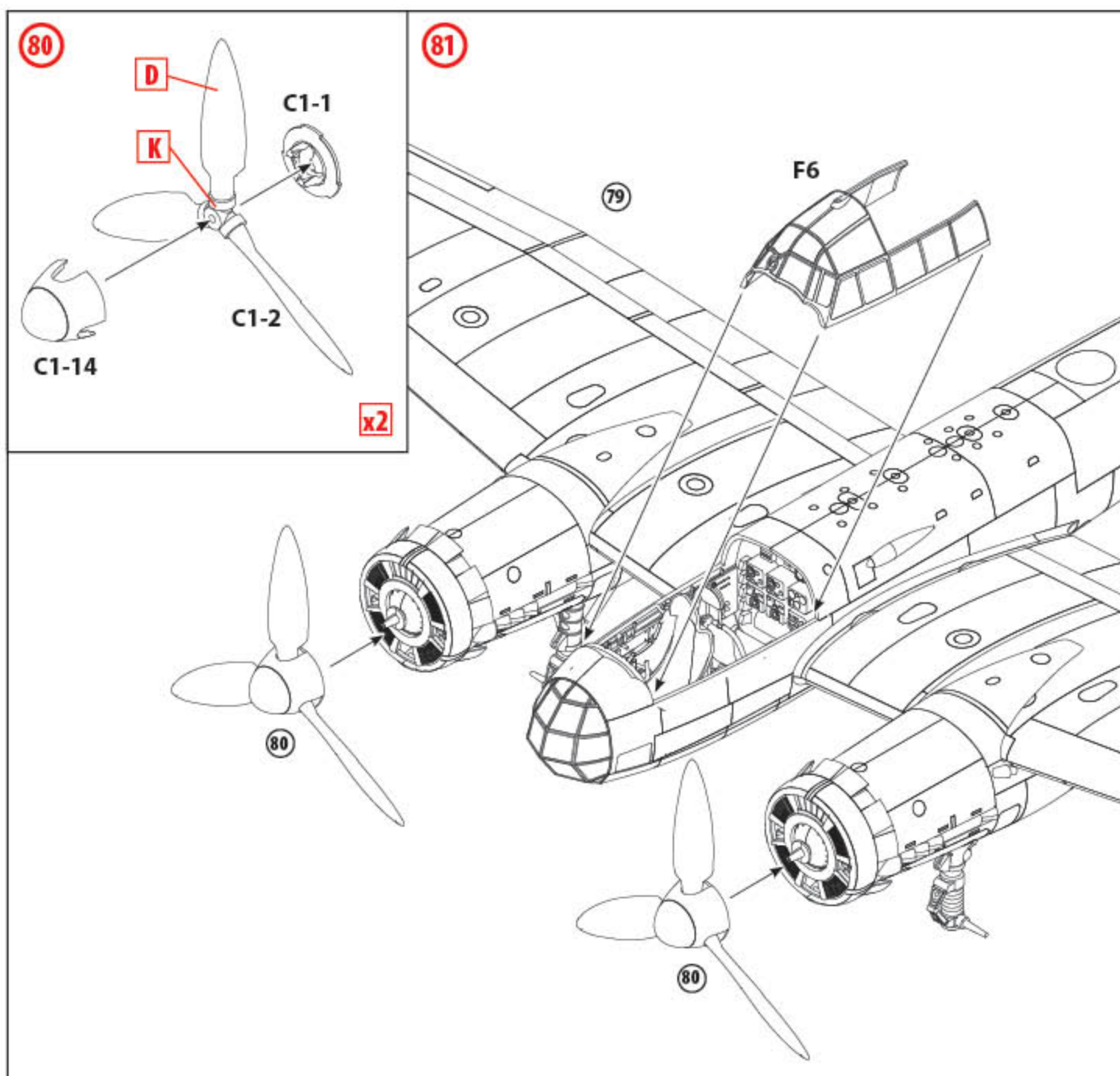
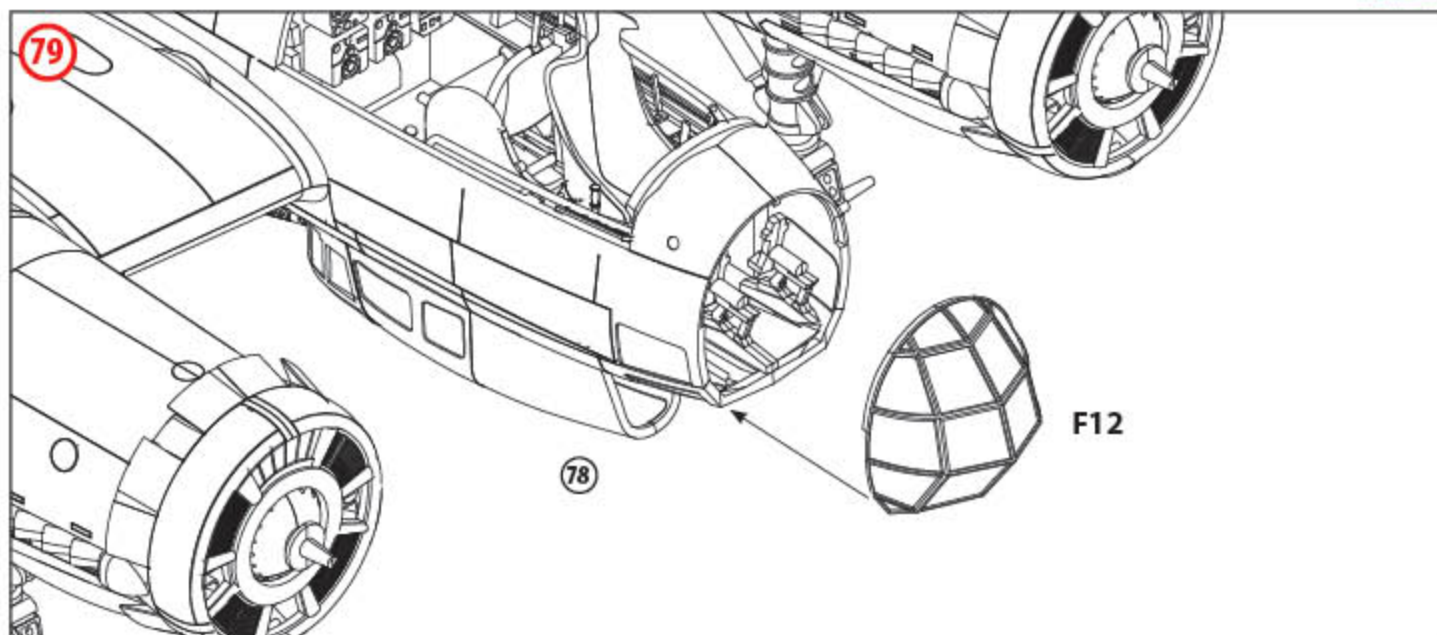


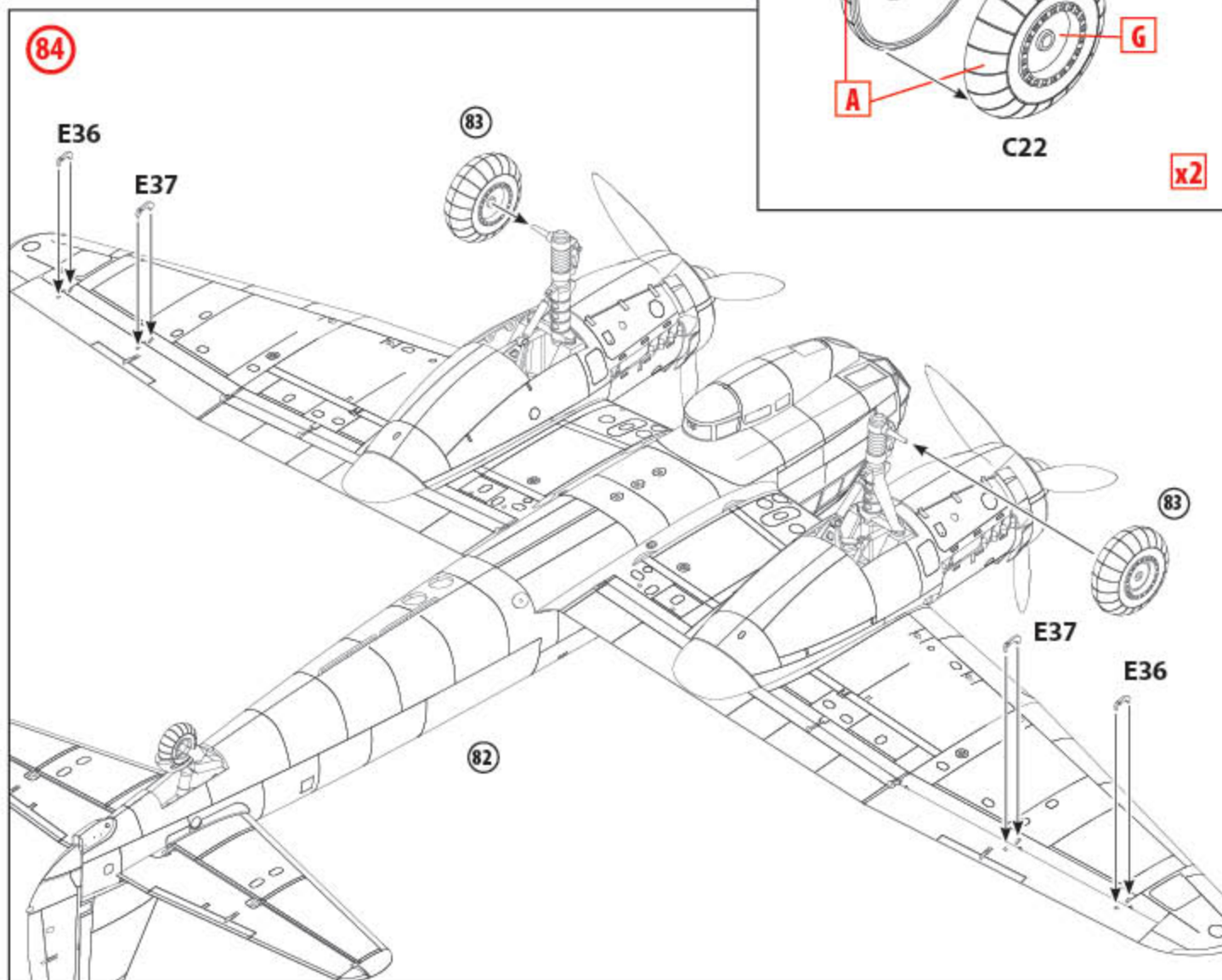
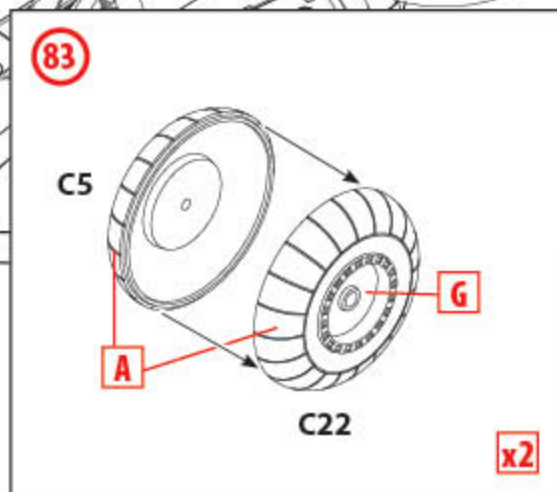
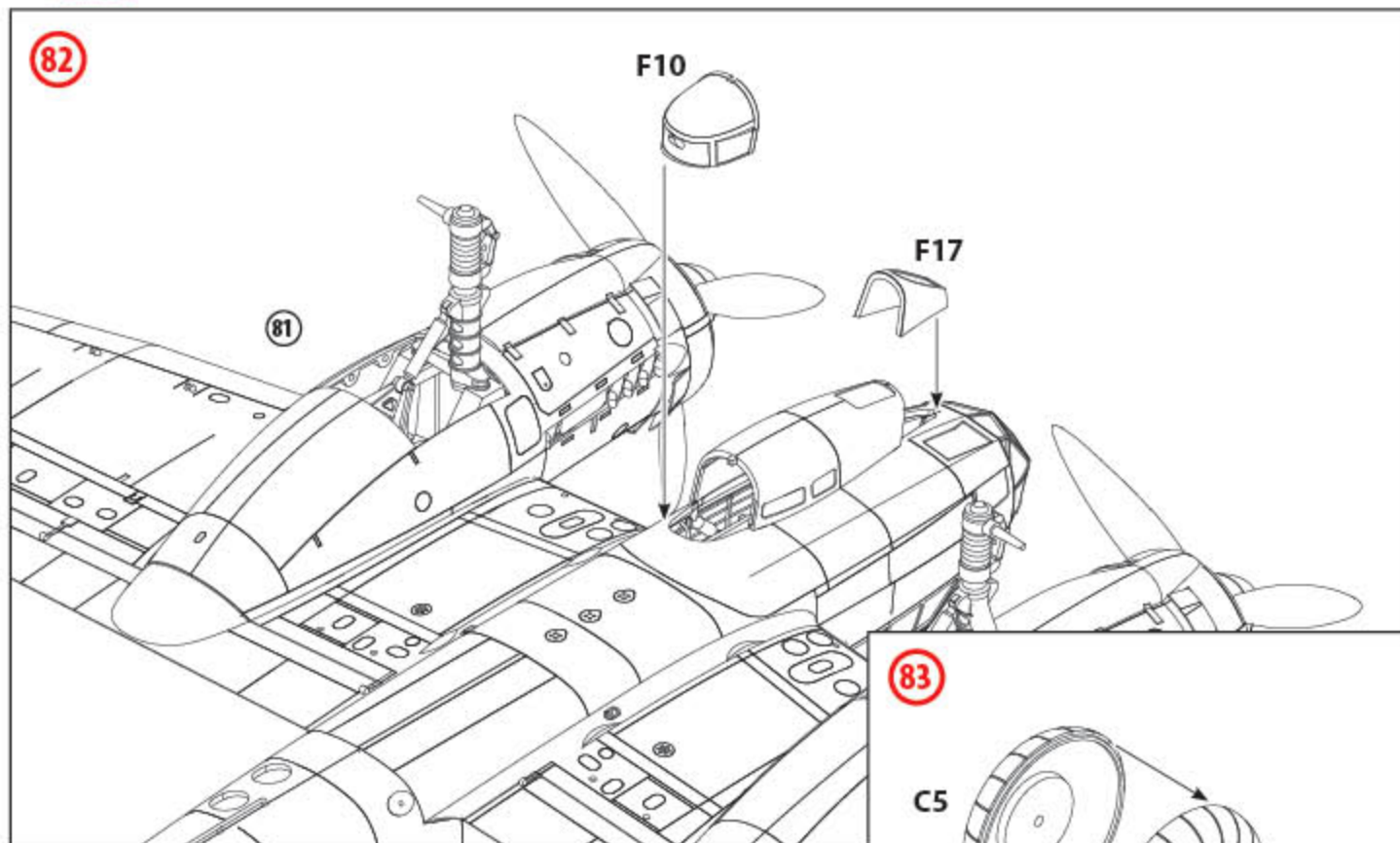


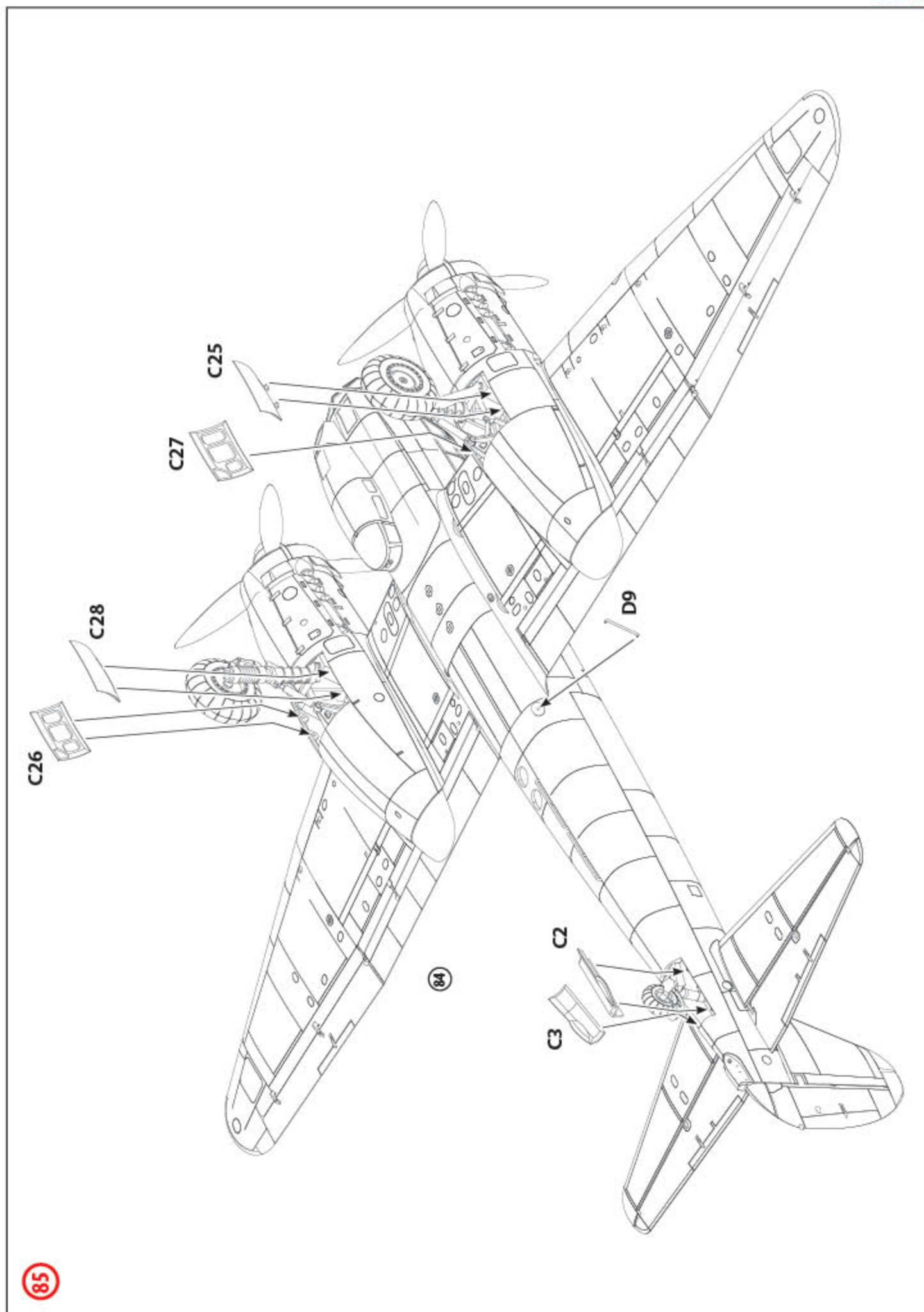


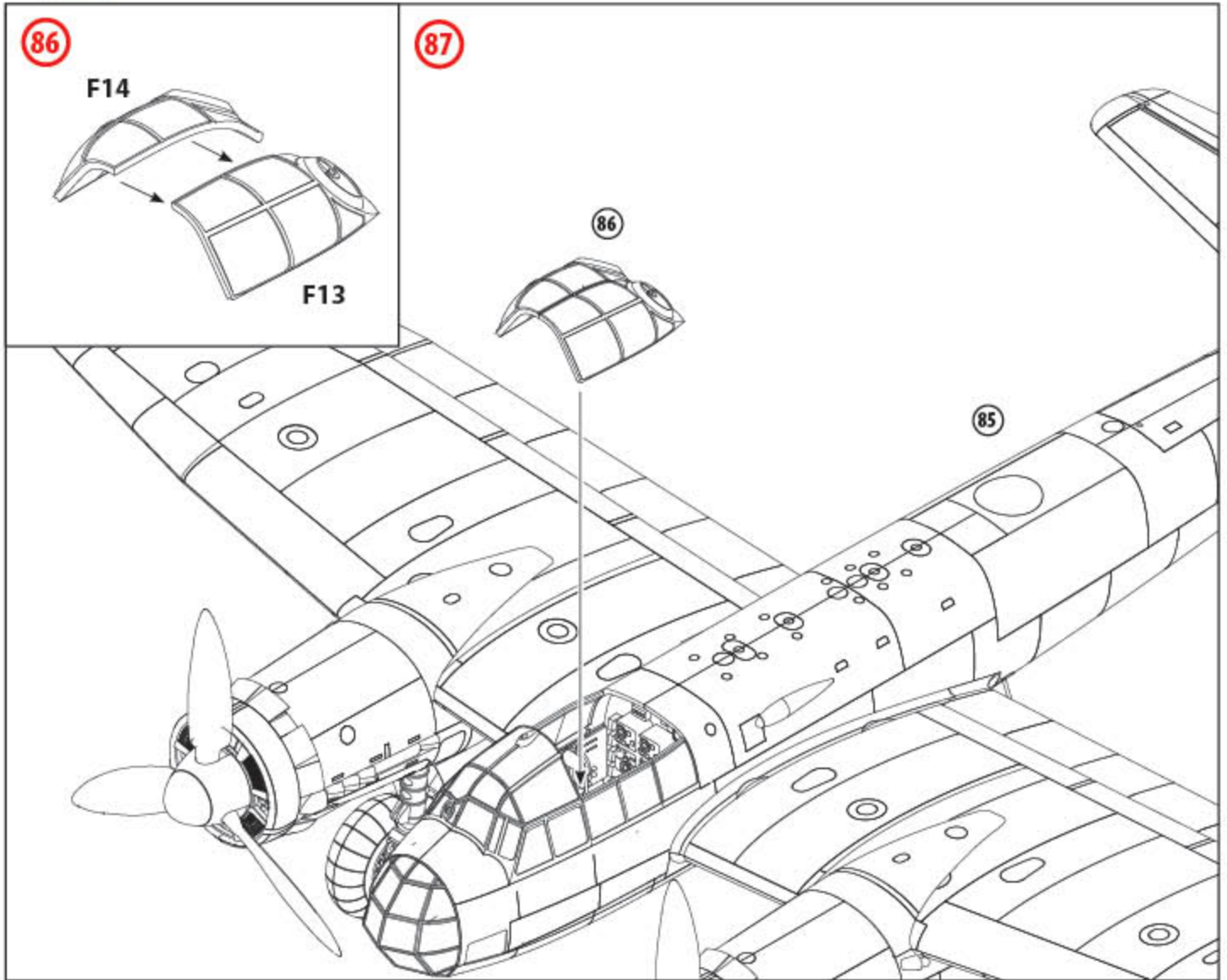




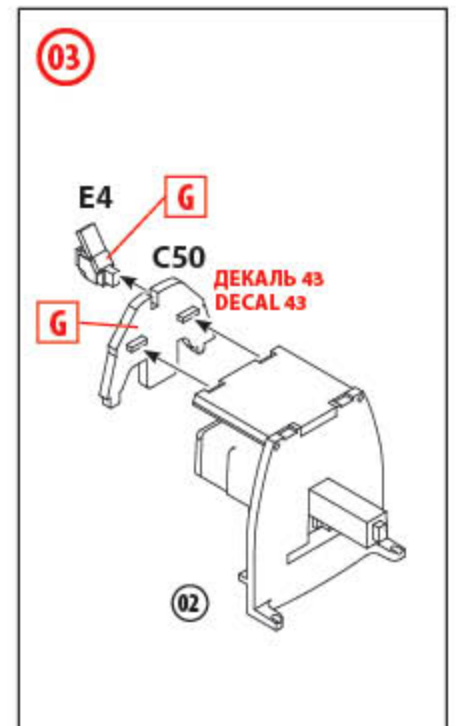
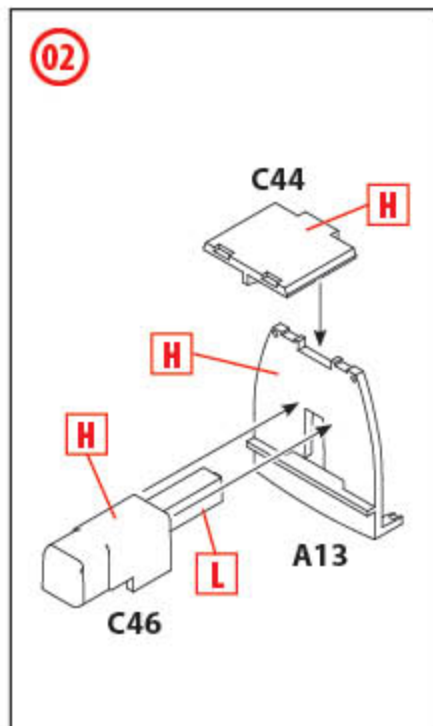
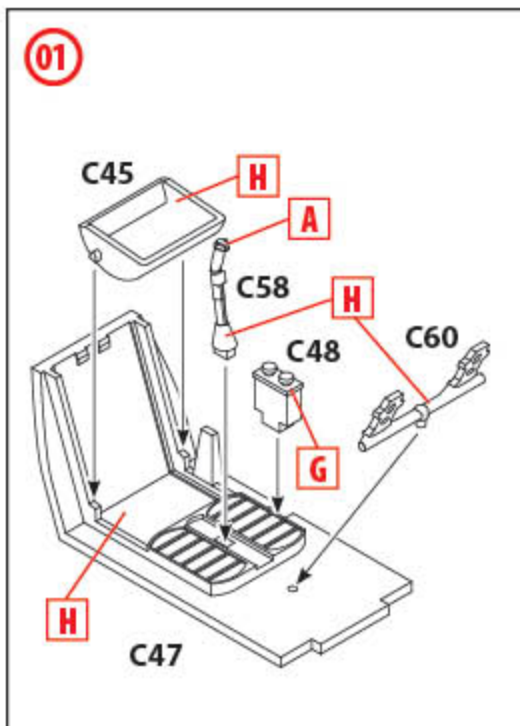


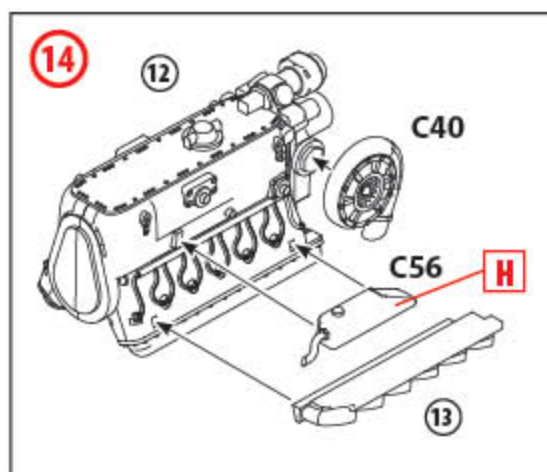
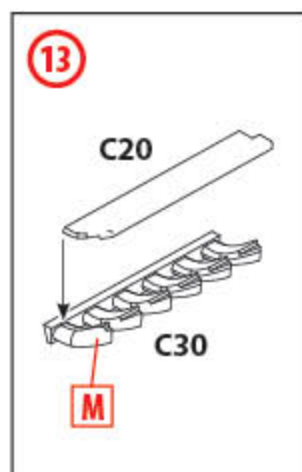
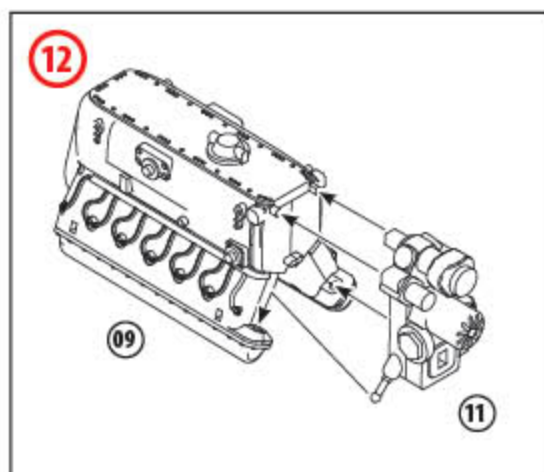
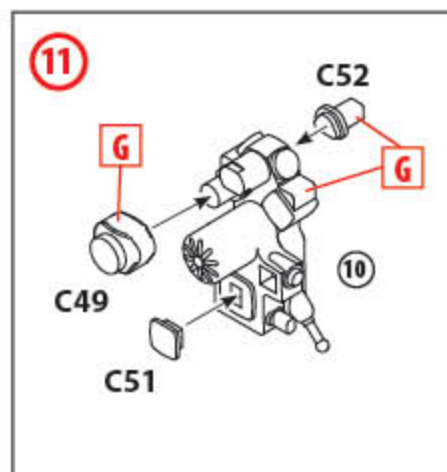
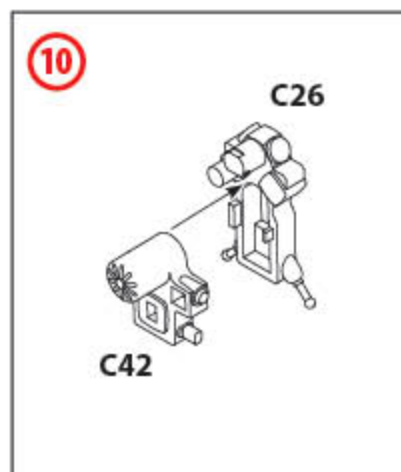
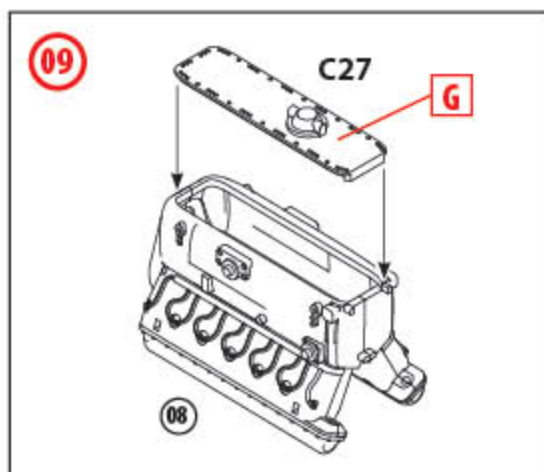
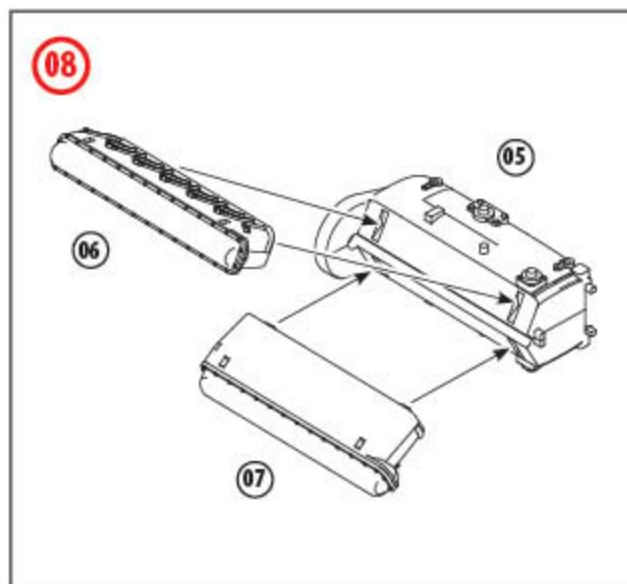
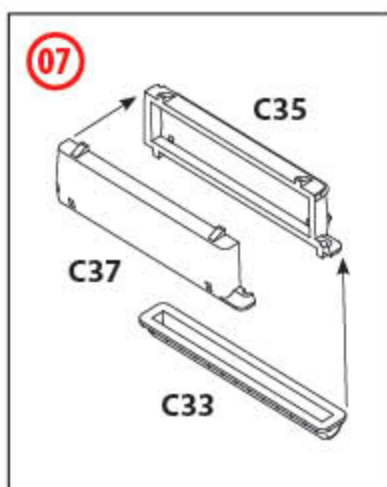
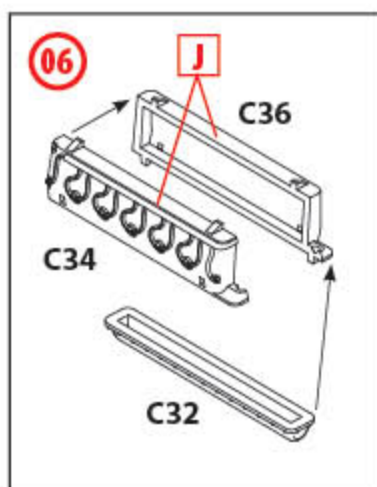
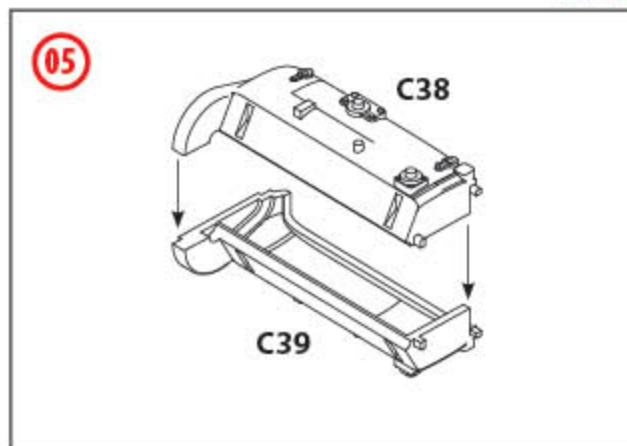
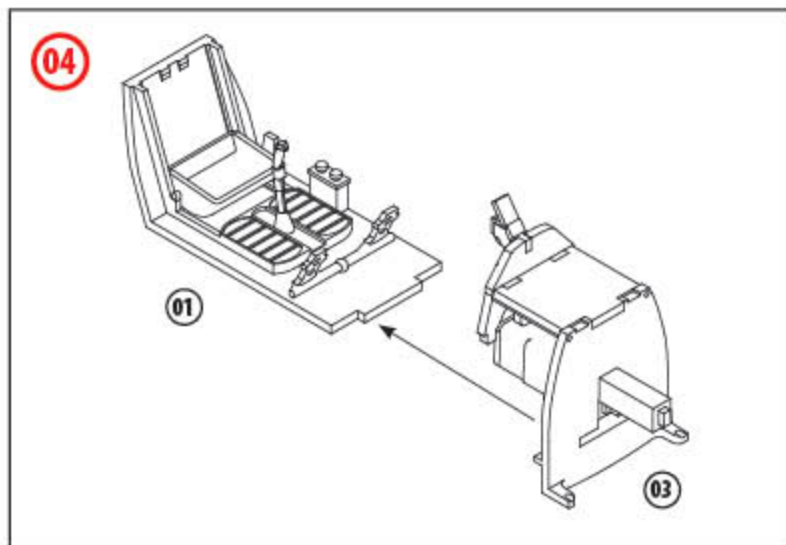


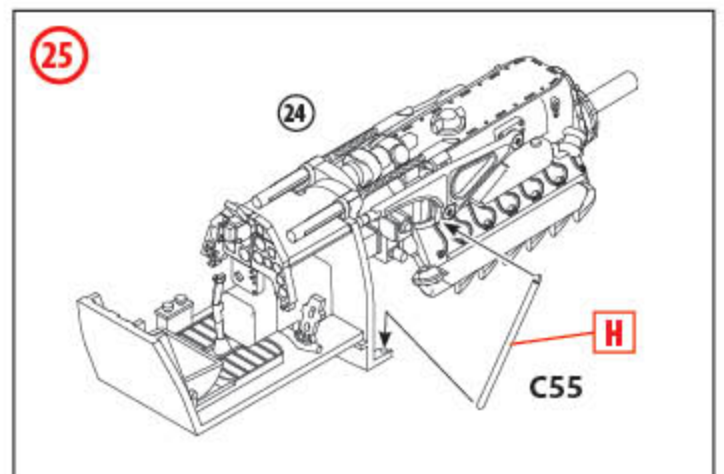
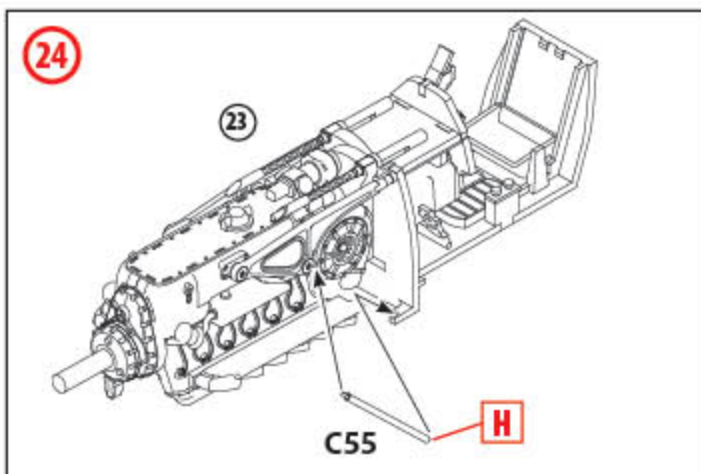
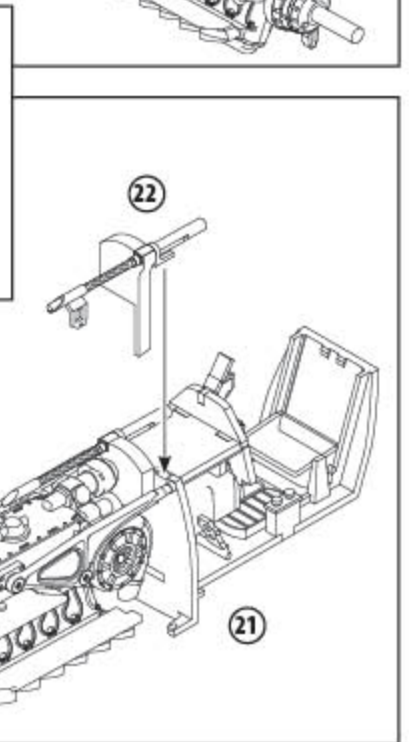
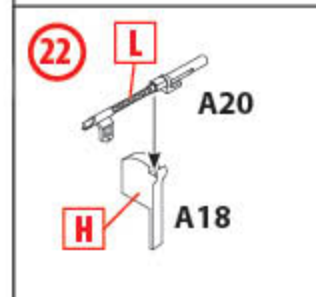
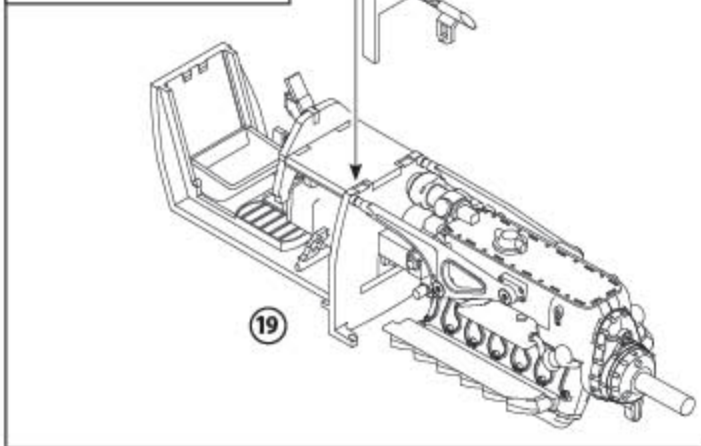
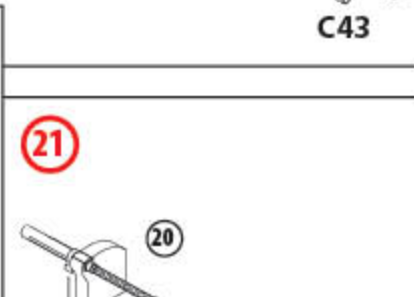
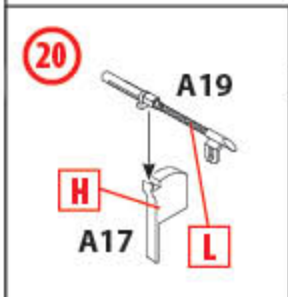
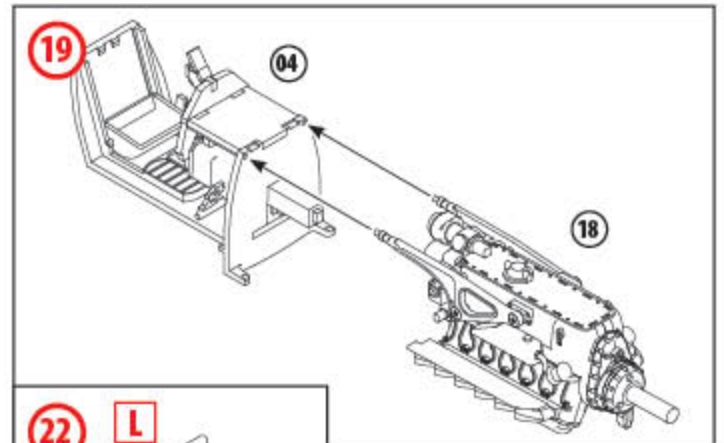
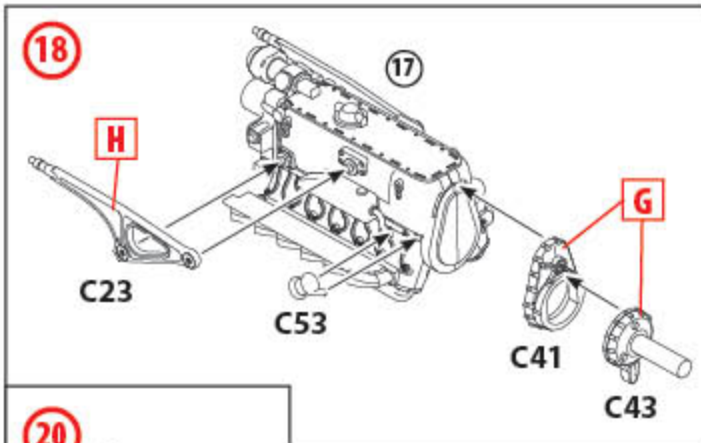
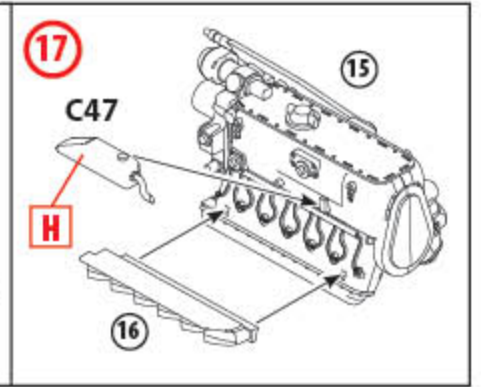
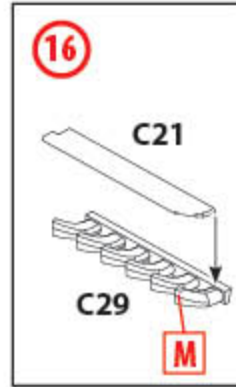
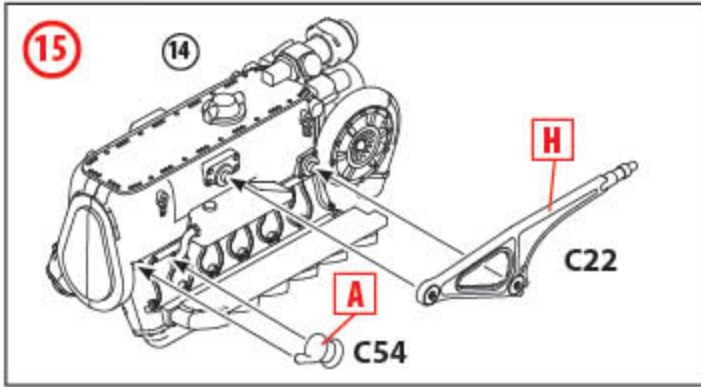




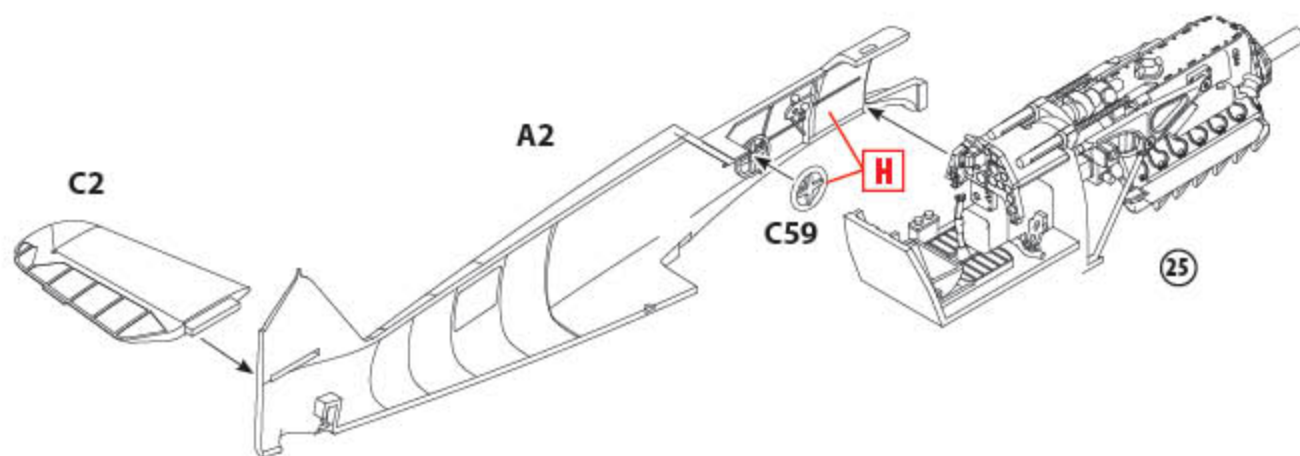
Messerschmitt Bf 109F-4



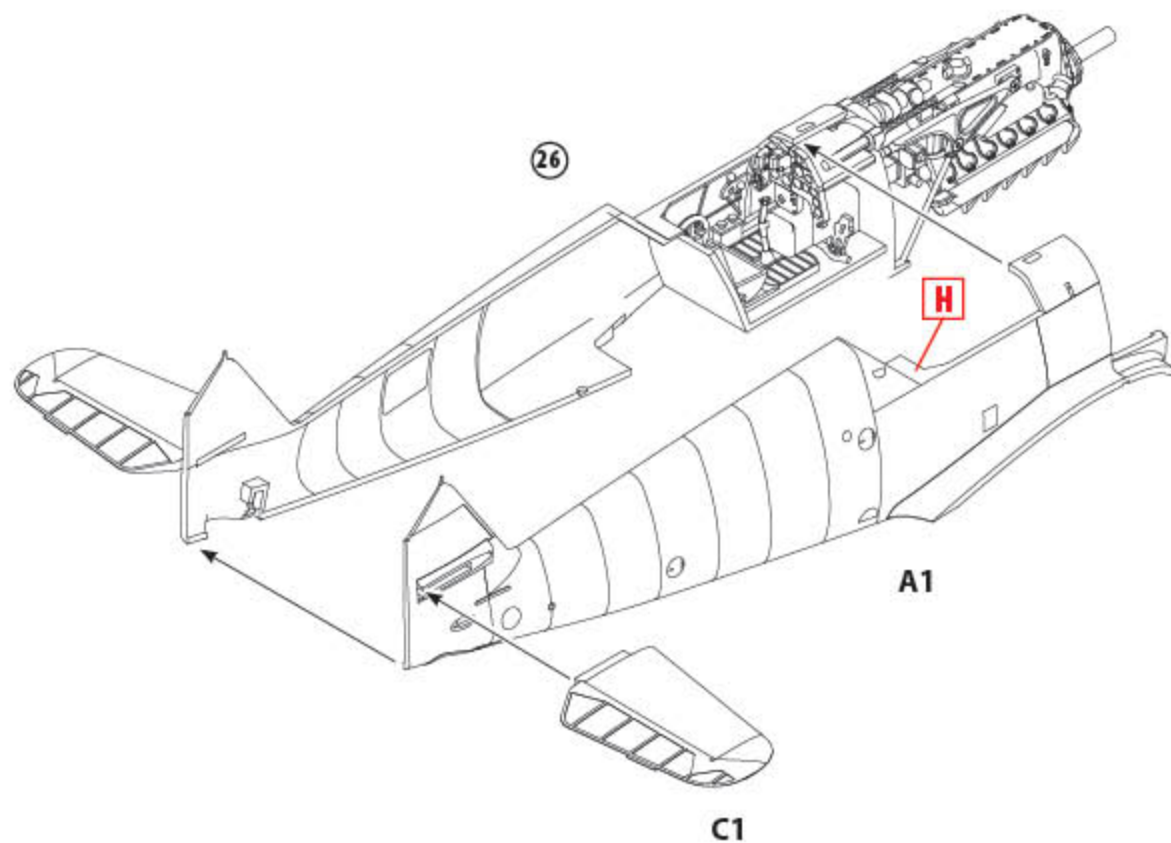


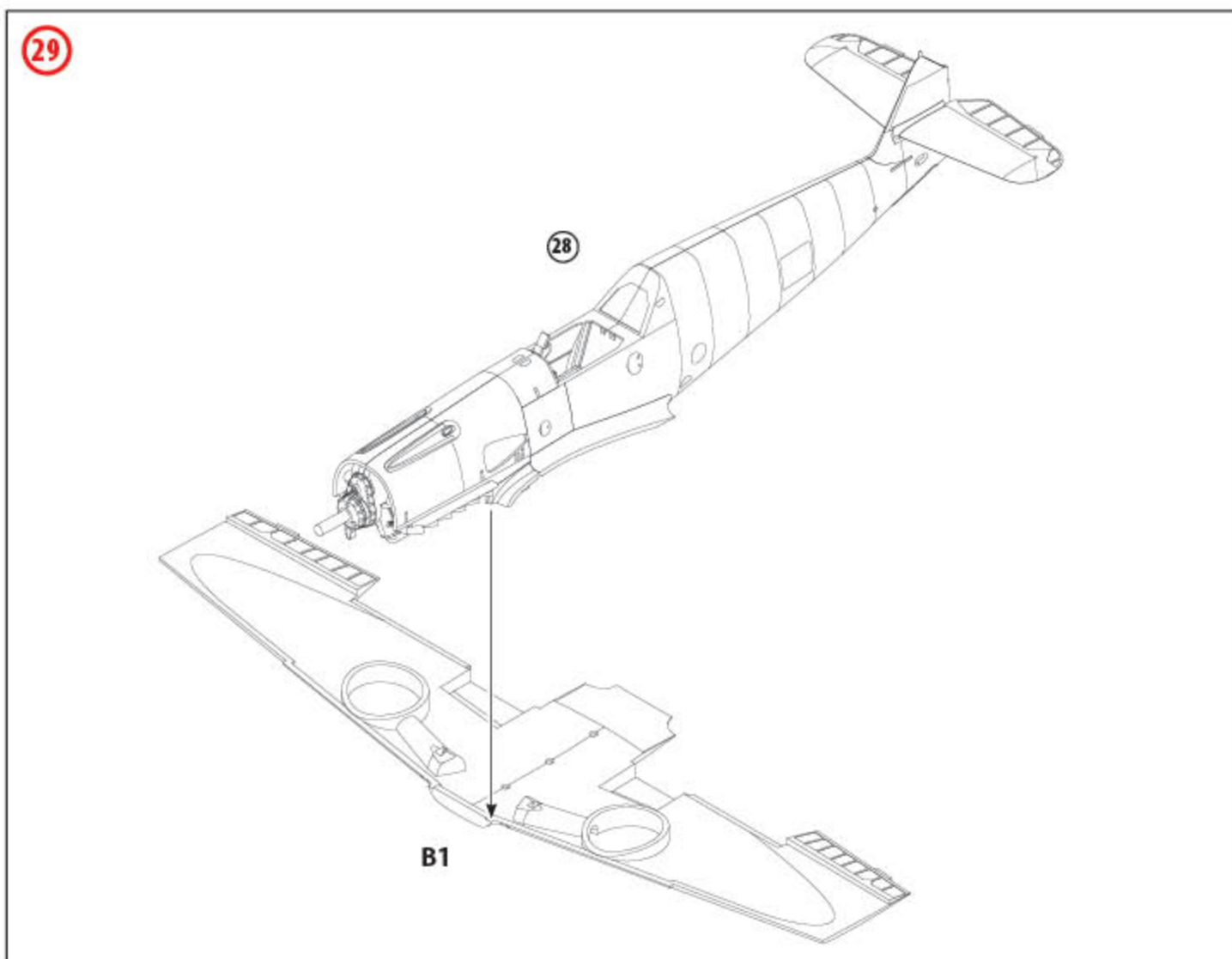
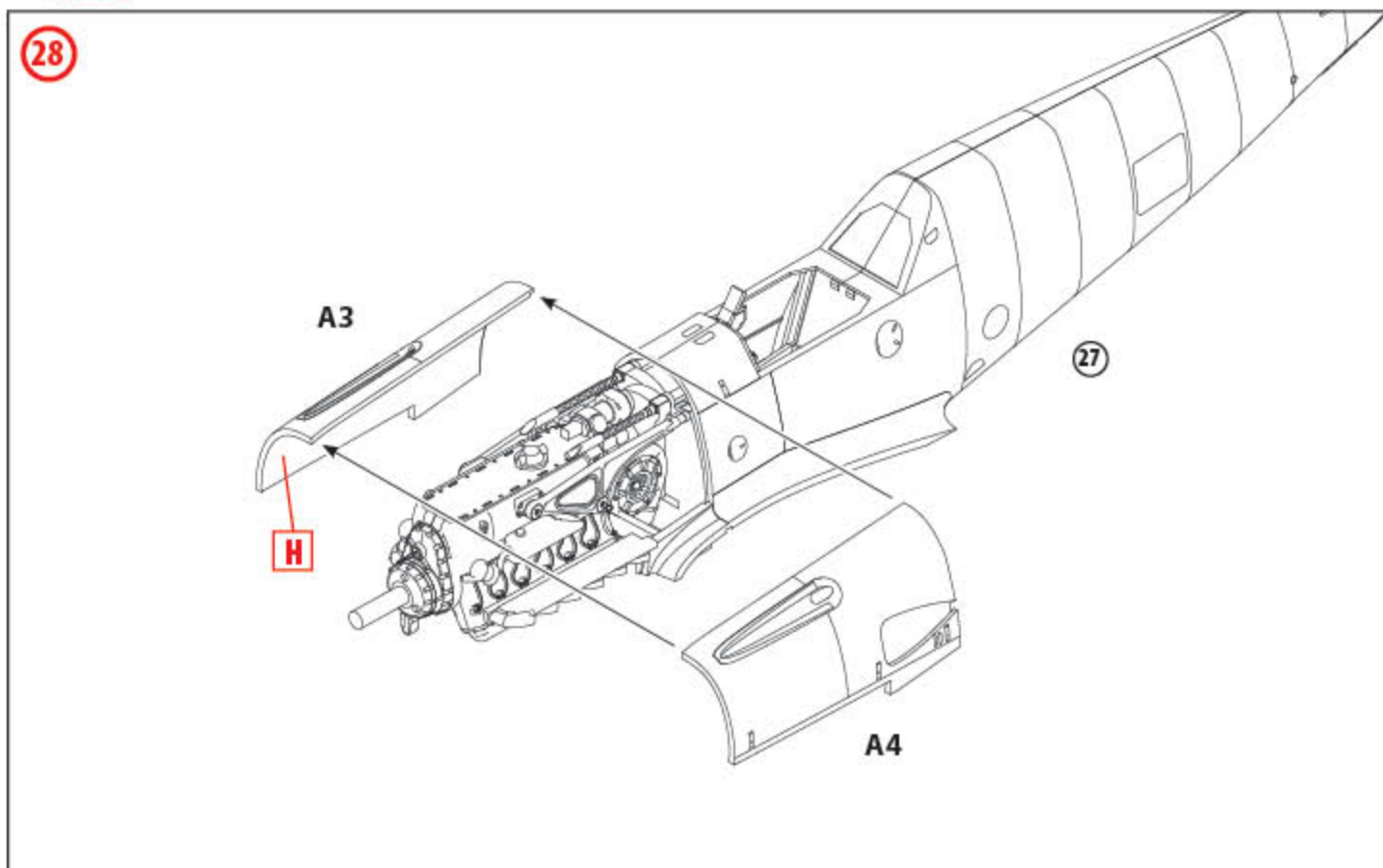


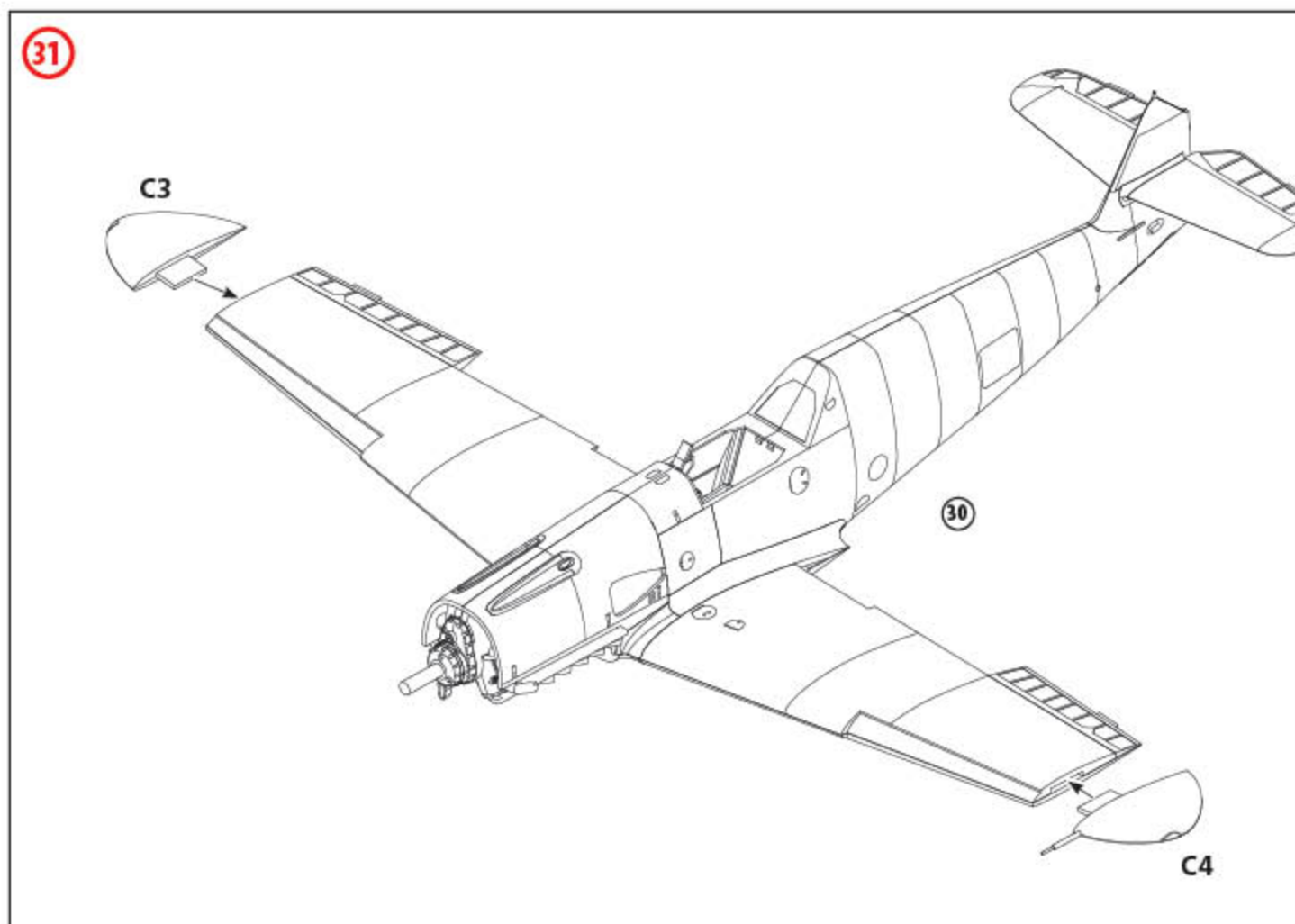
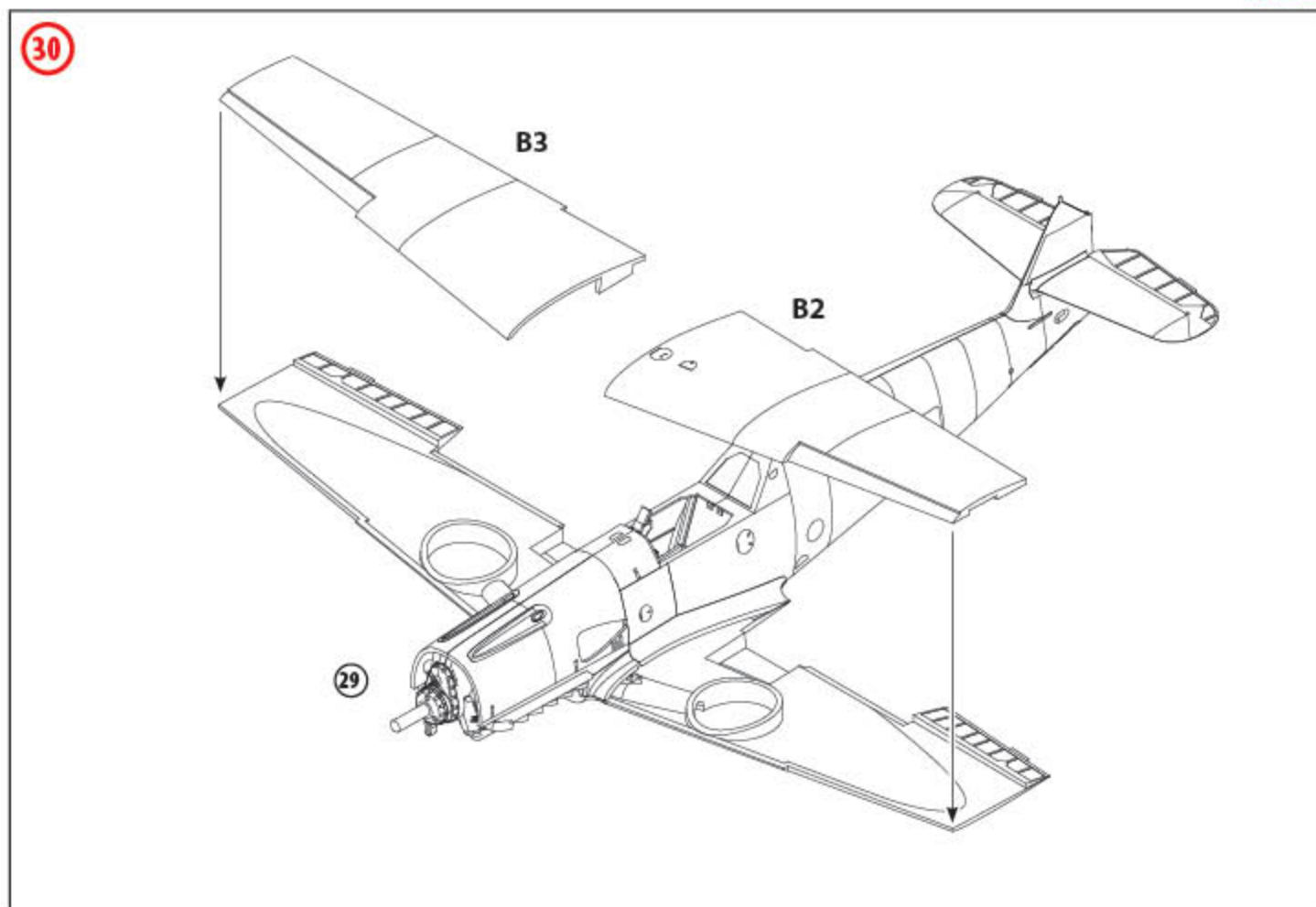
26

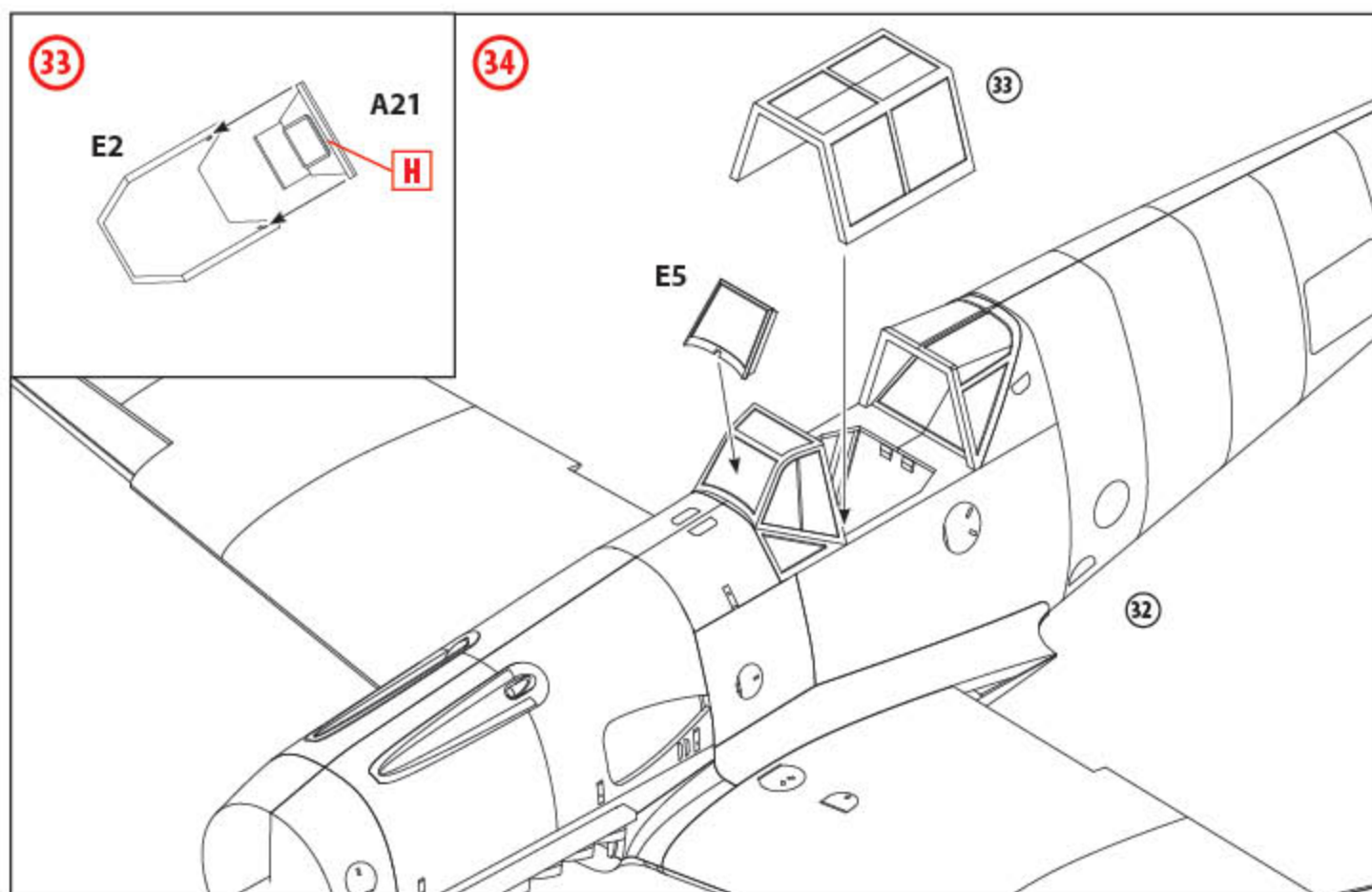
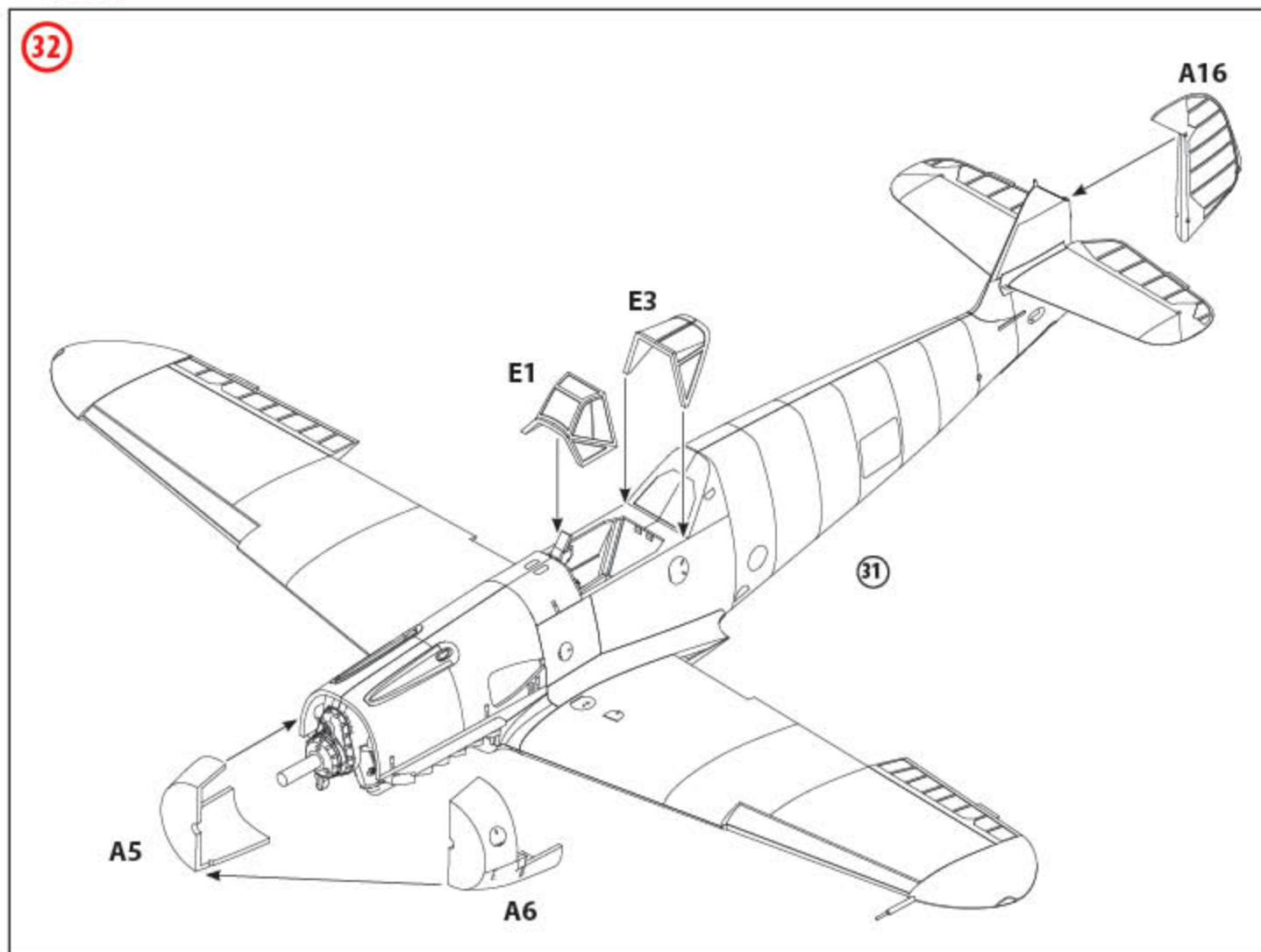


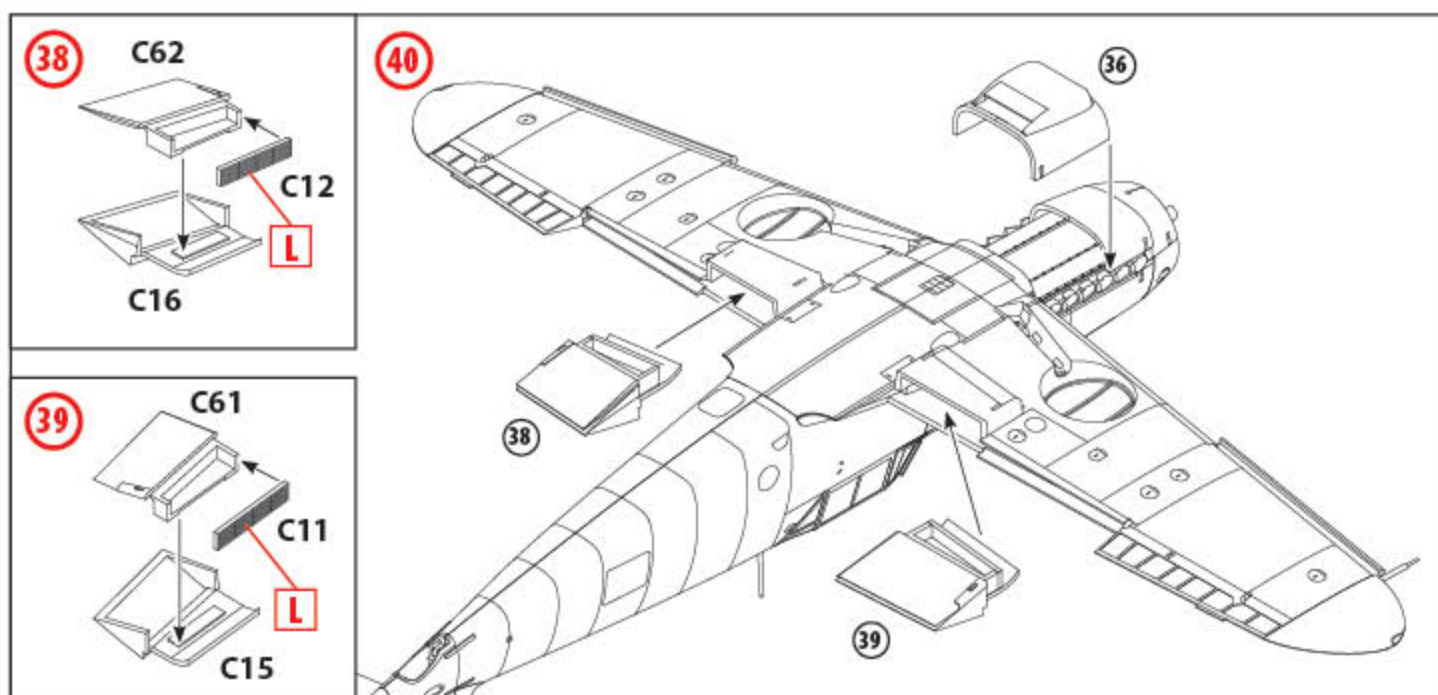
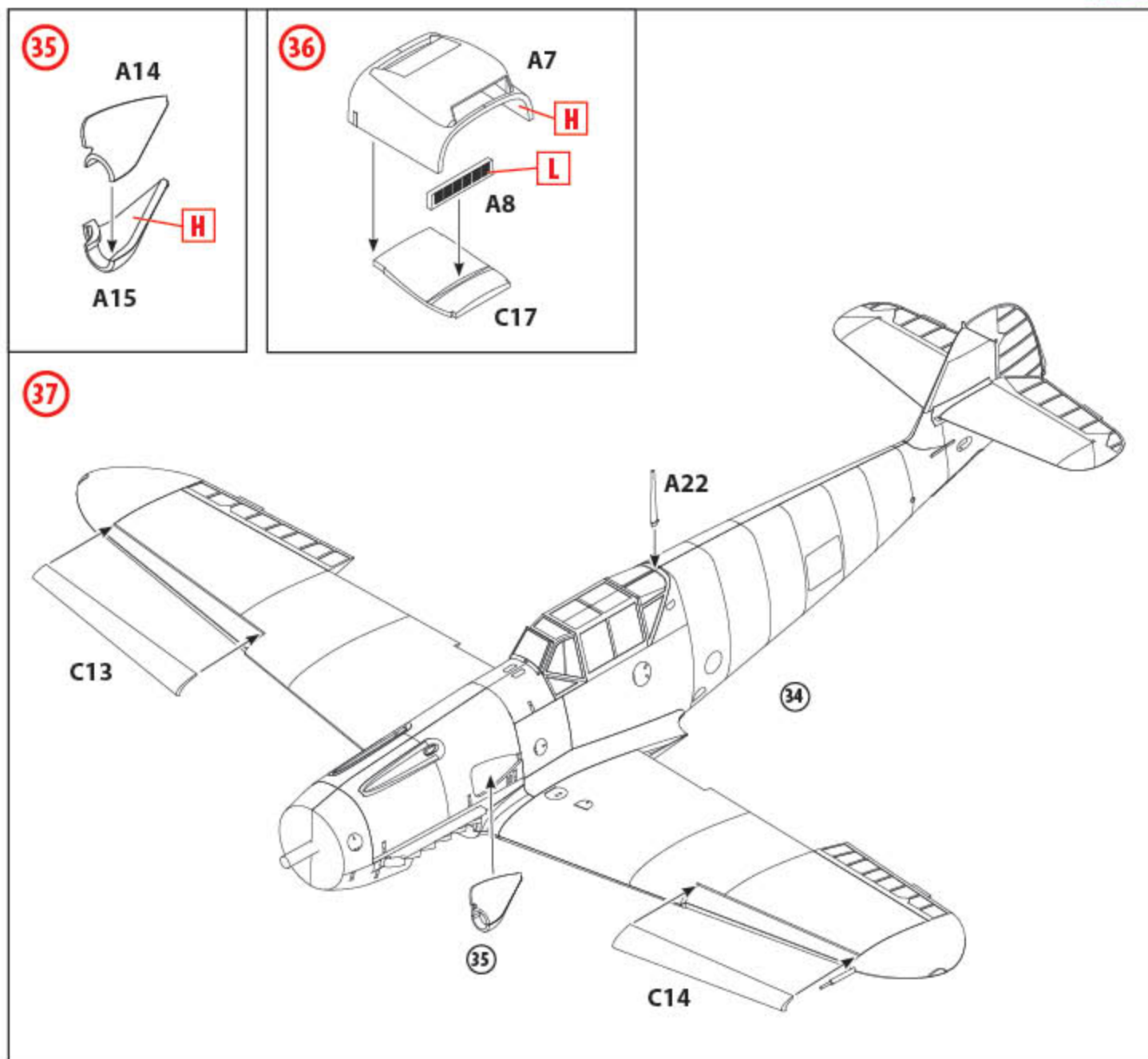
27

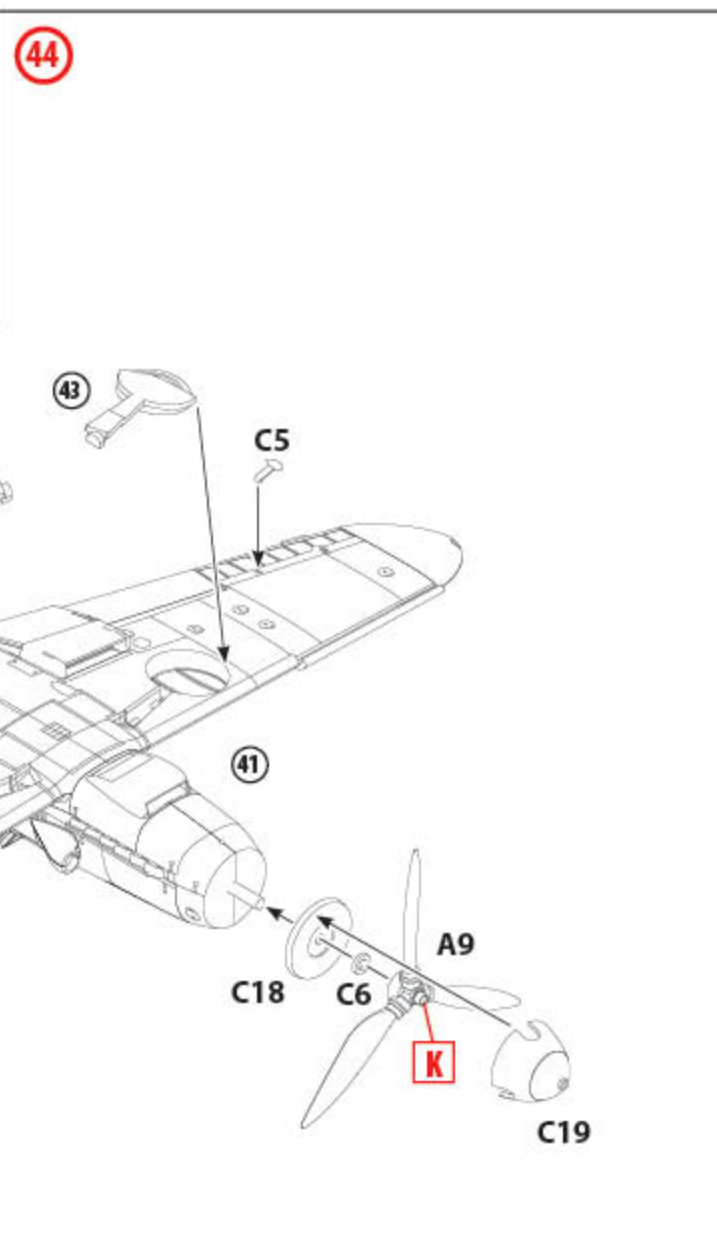
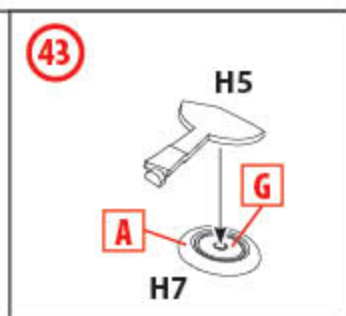
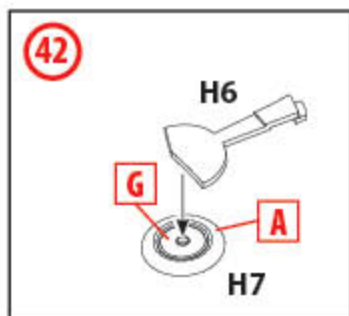
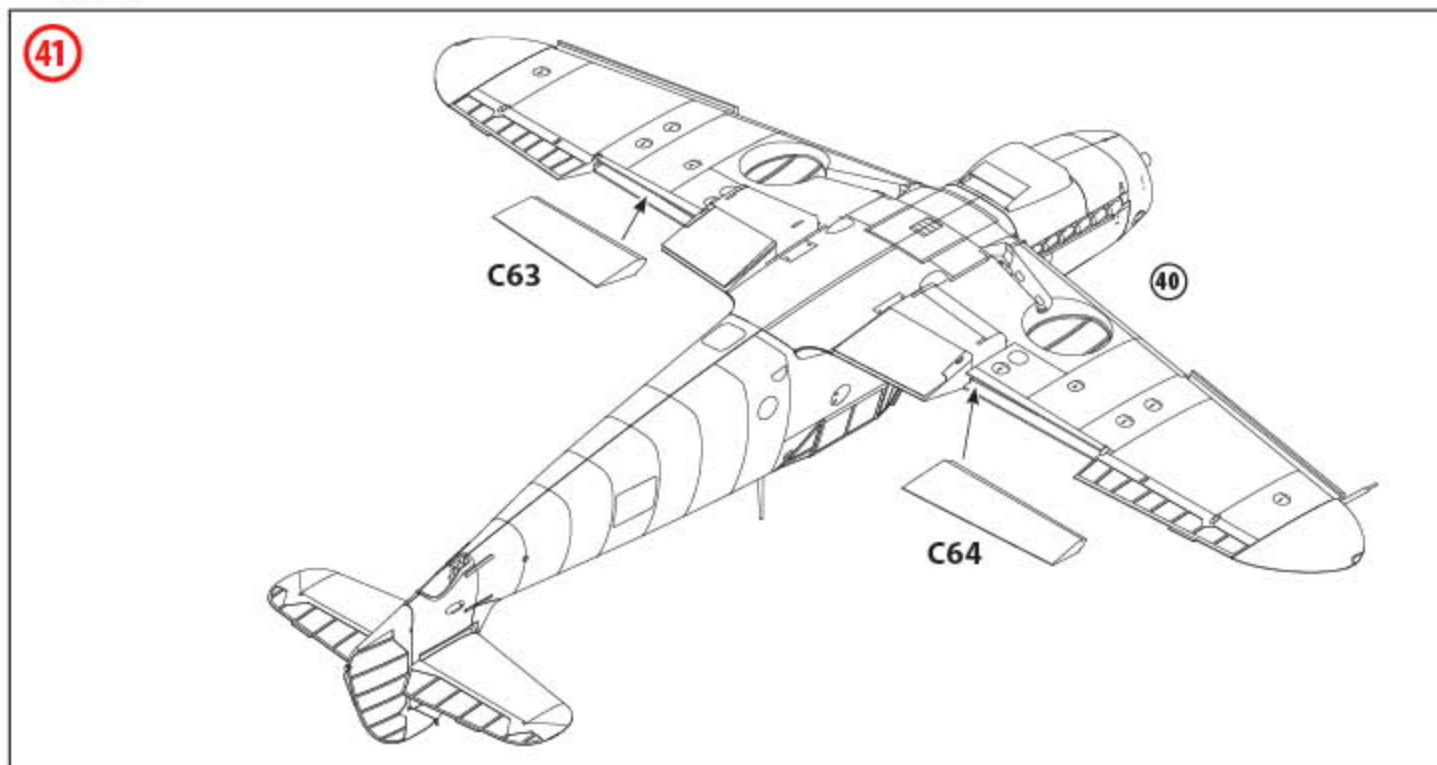






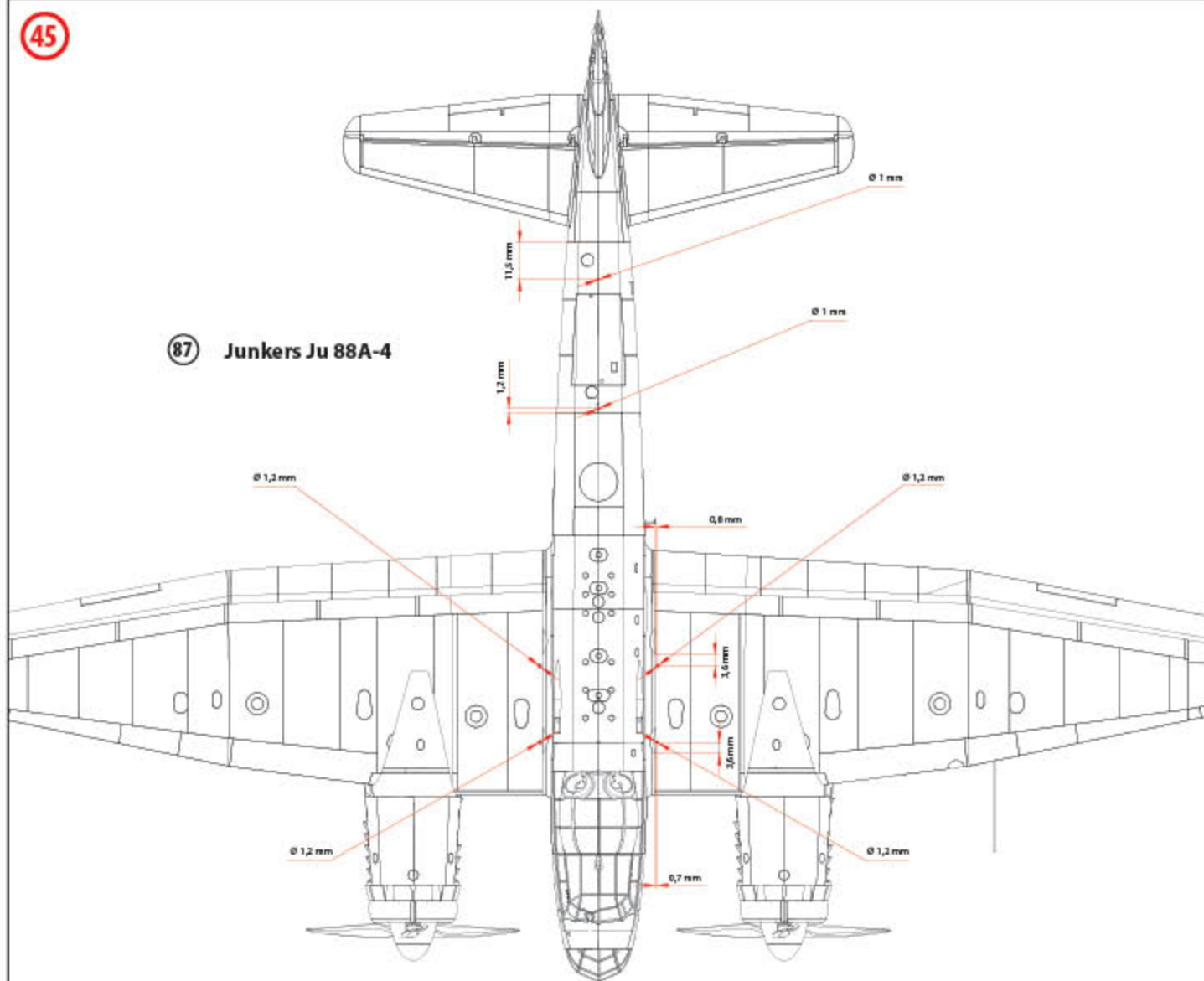




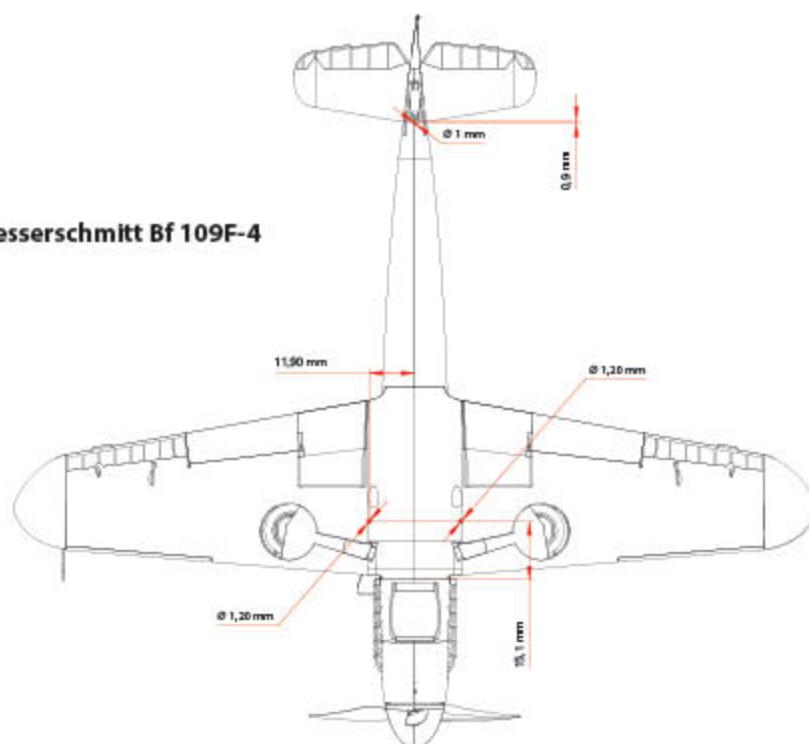


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87 Junkers Ju 88A-4

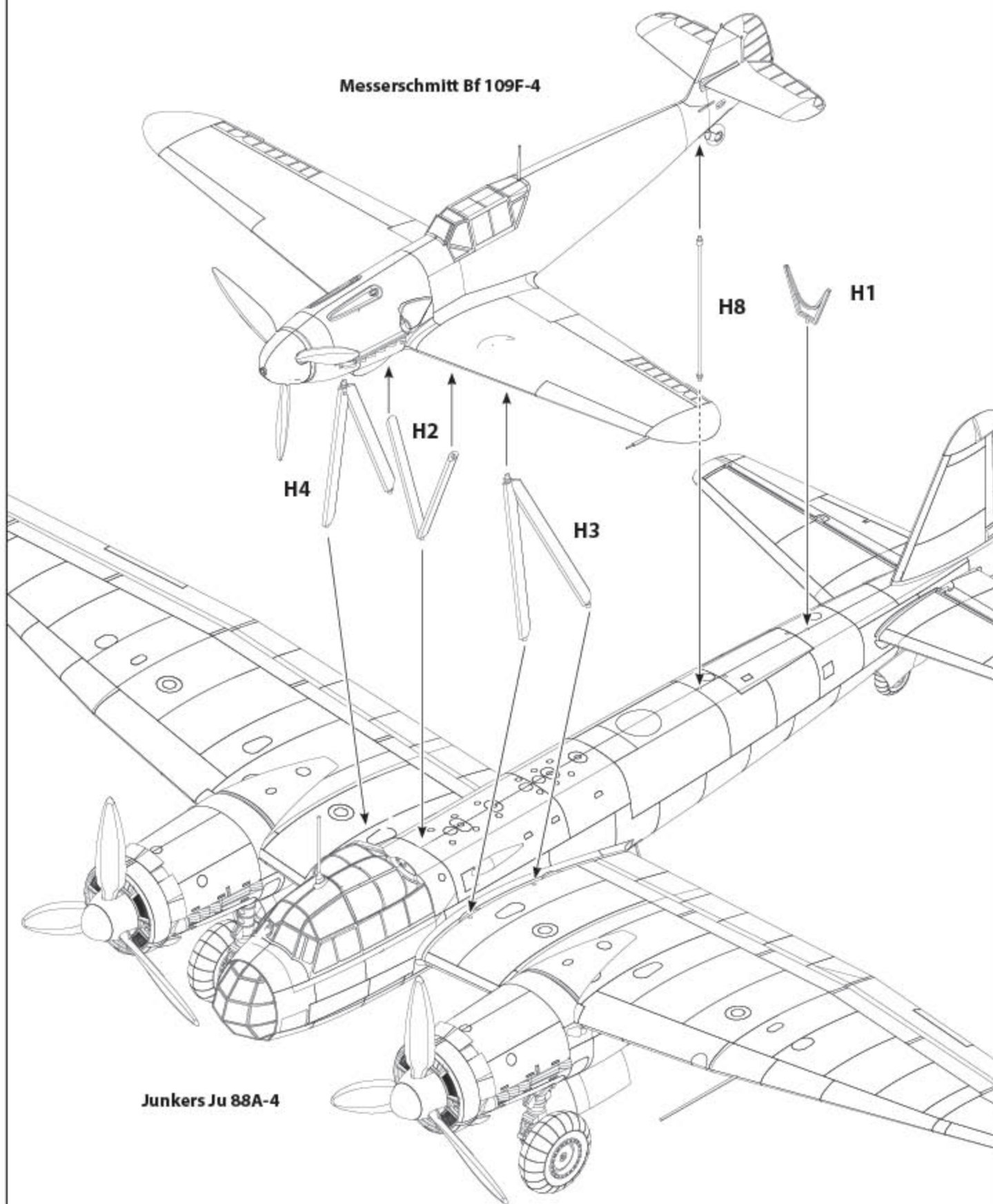


44 Messerschmitt Bf 109F-4

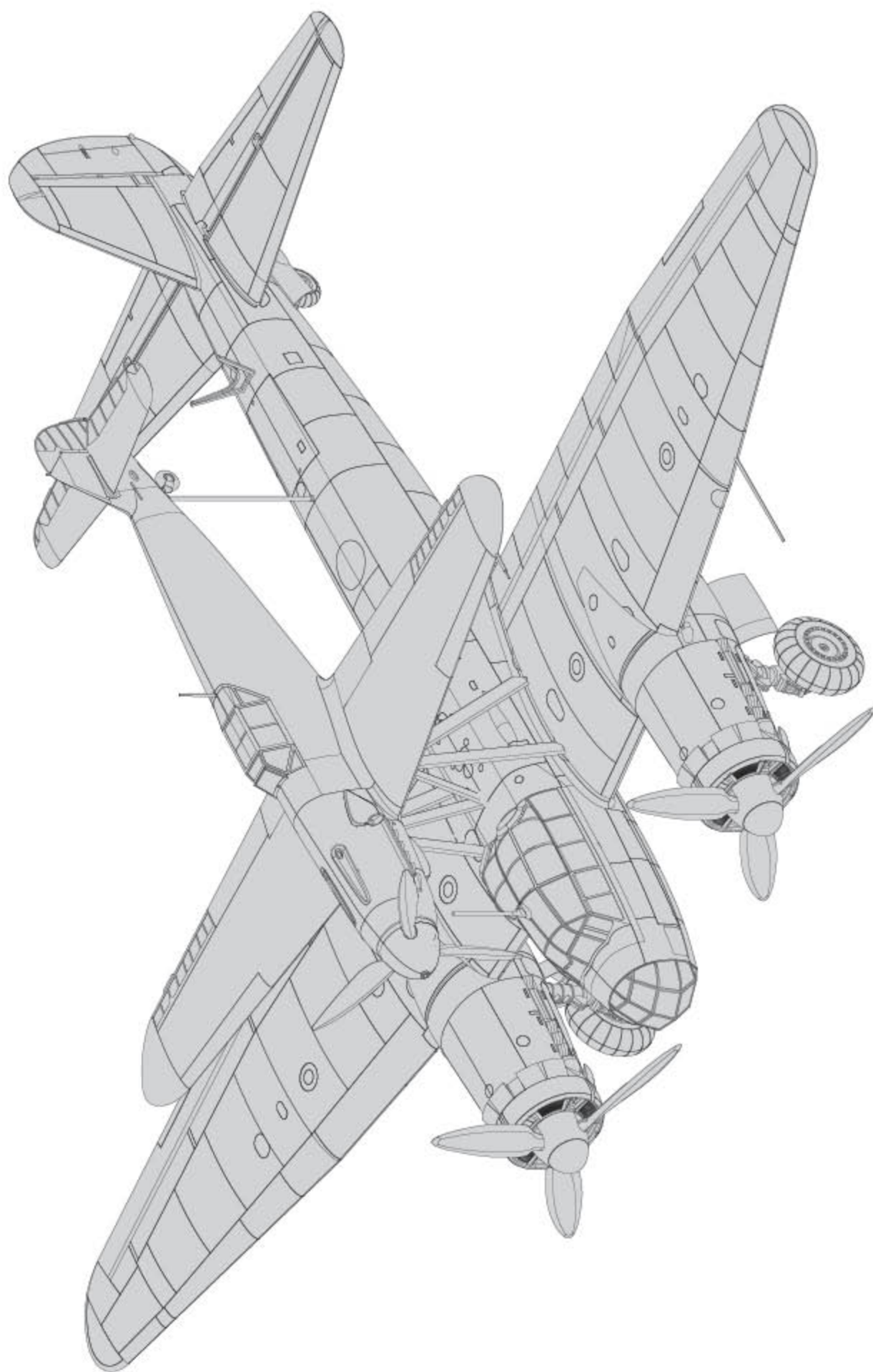


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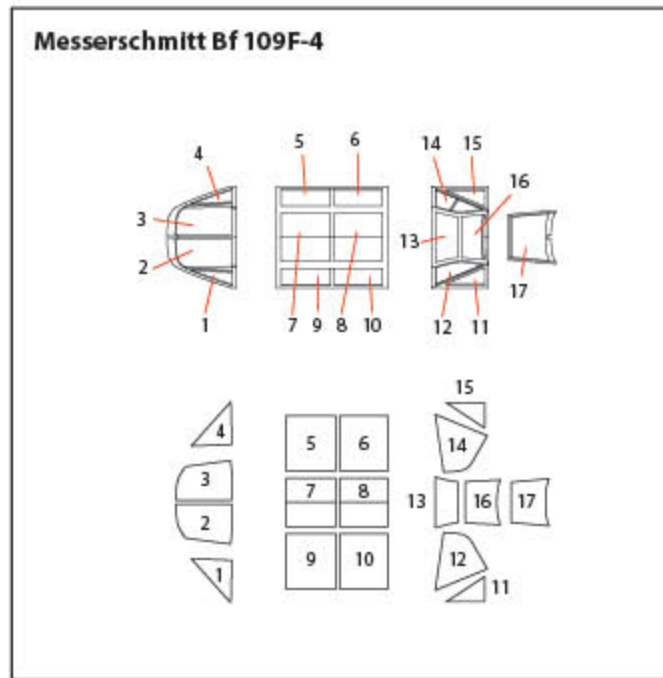
Messerschmitt Bf 109F-4



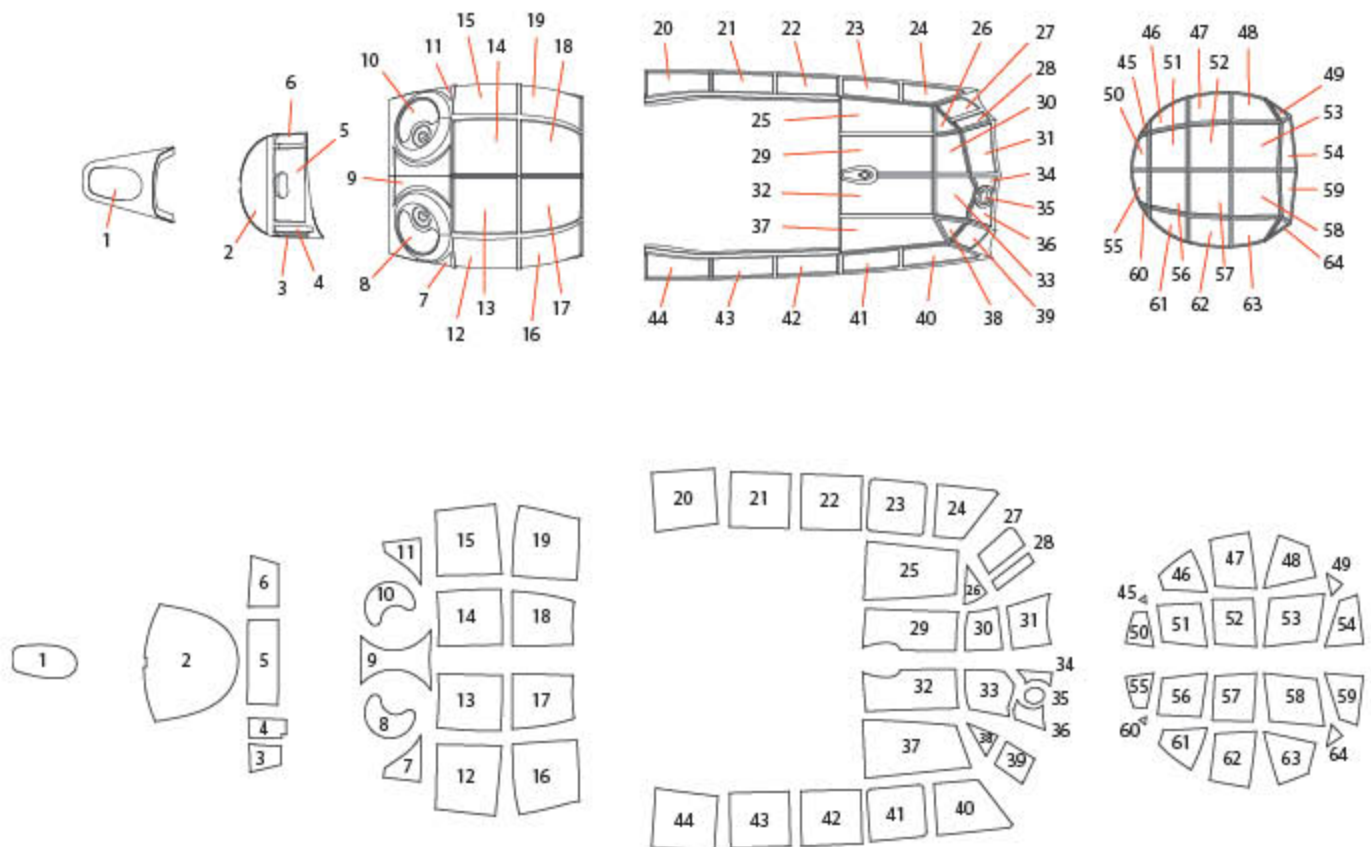
Junkers Ju 88A-4

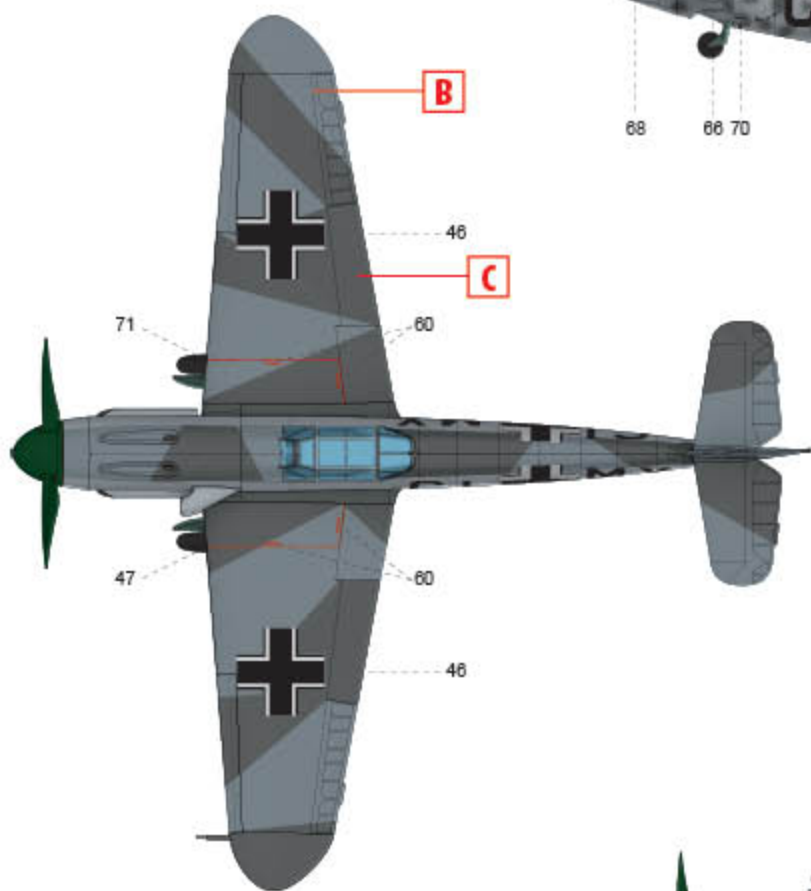
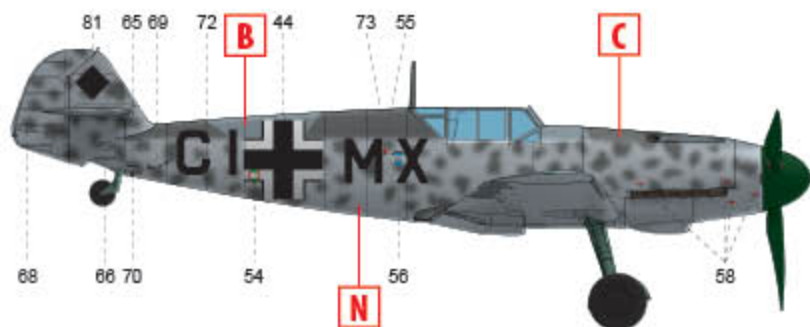
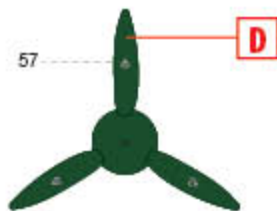
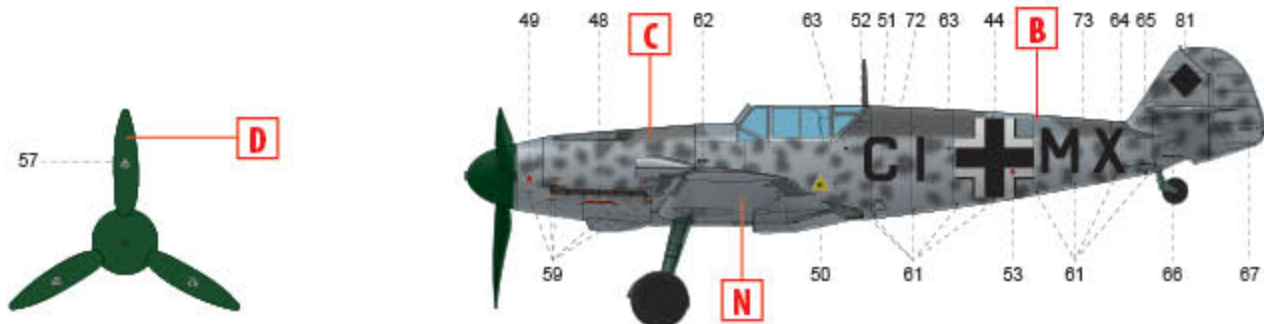


ШАБЛОНЫ МАСОК / MASK TEMPLATES

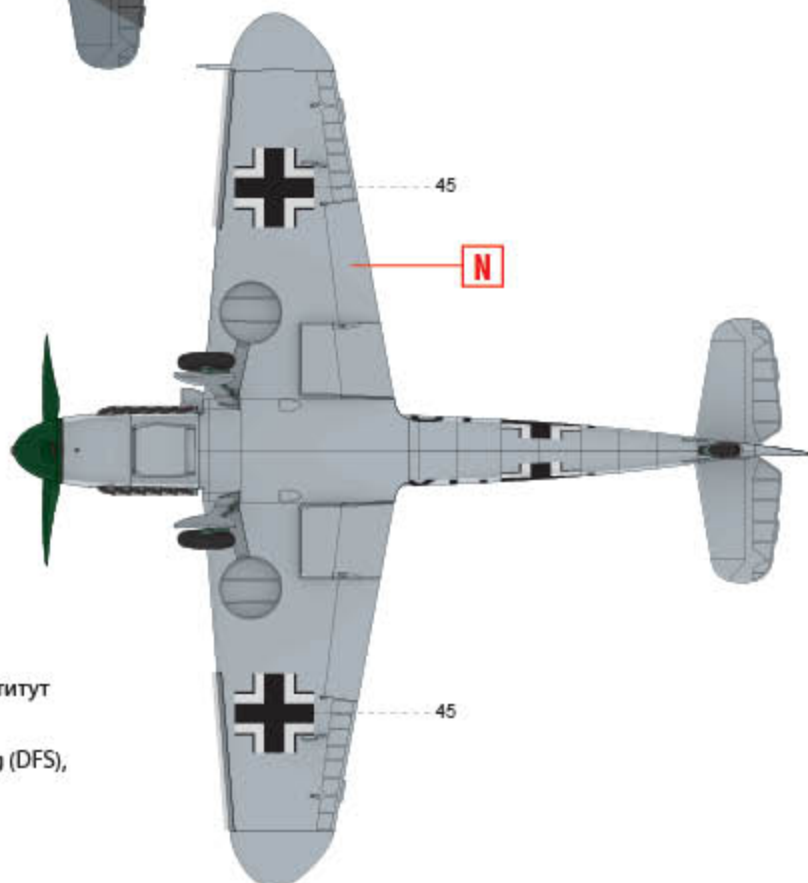


Junkers Ju 88A-4



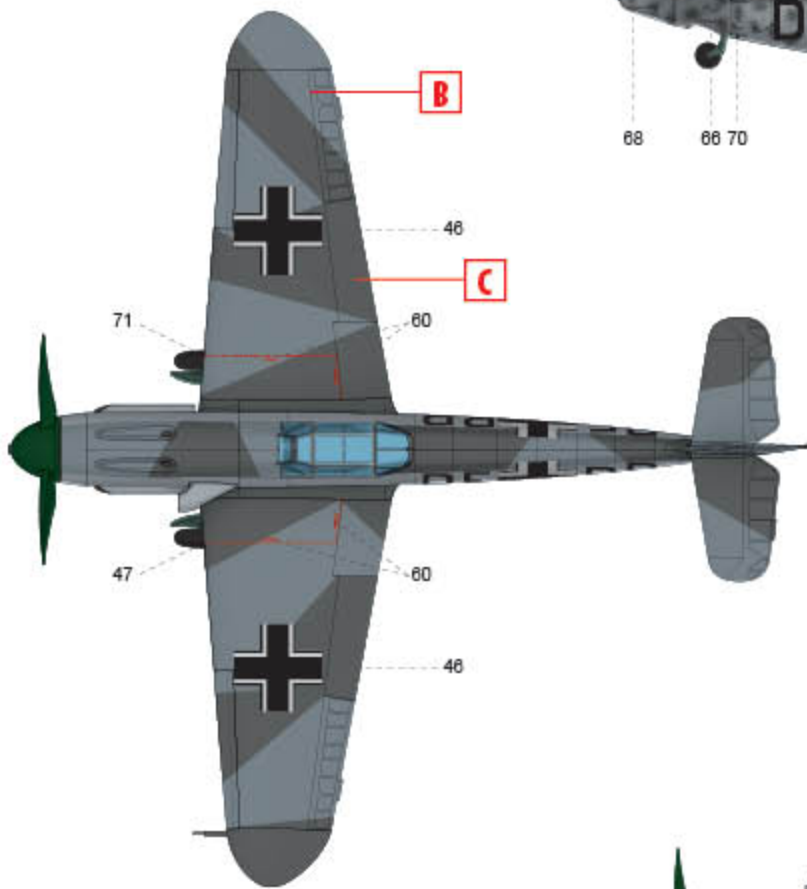
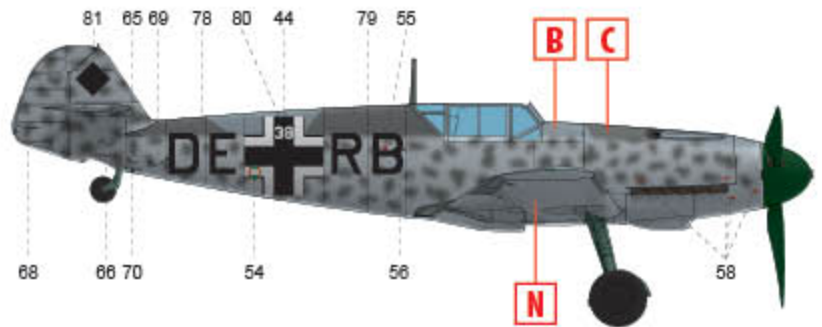
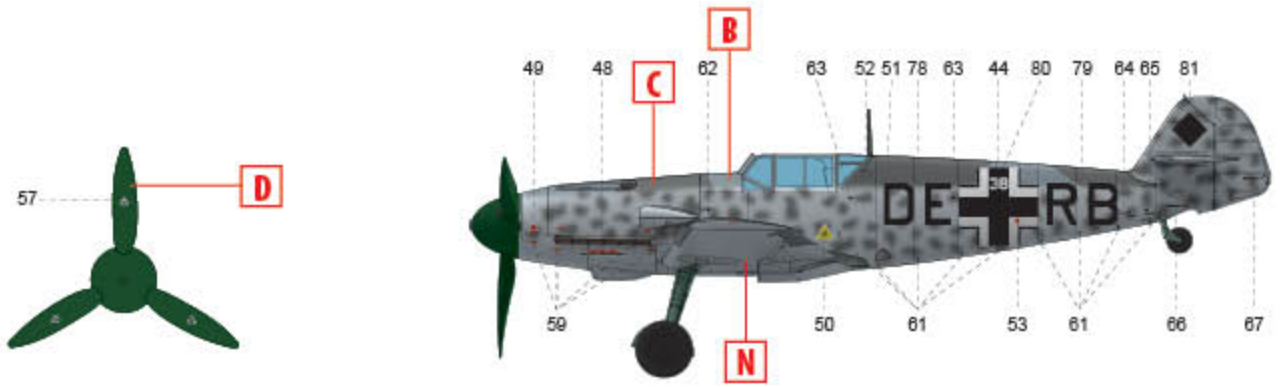


**ВАРИАНТ МАРКИРОВКИ 1
MARKING OPTION 1**

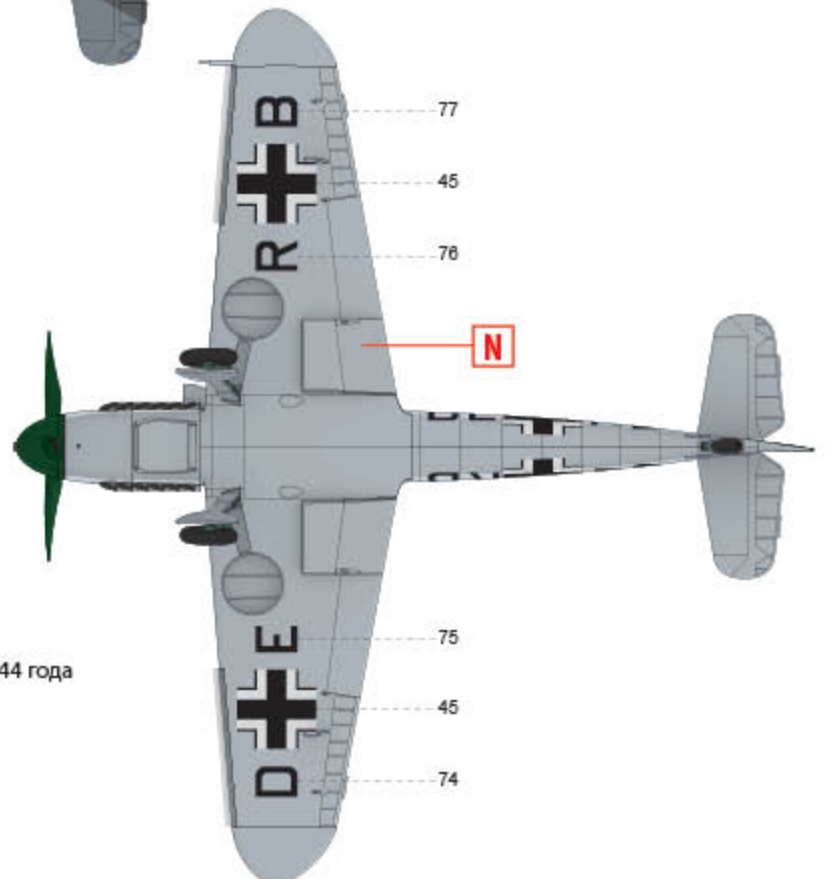


Bf 109F-4 (Mistel S1), Немецкий исследовательский институт планеризма (DFS), Айнринг, Германия, 1944 год

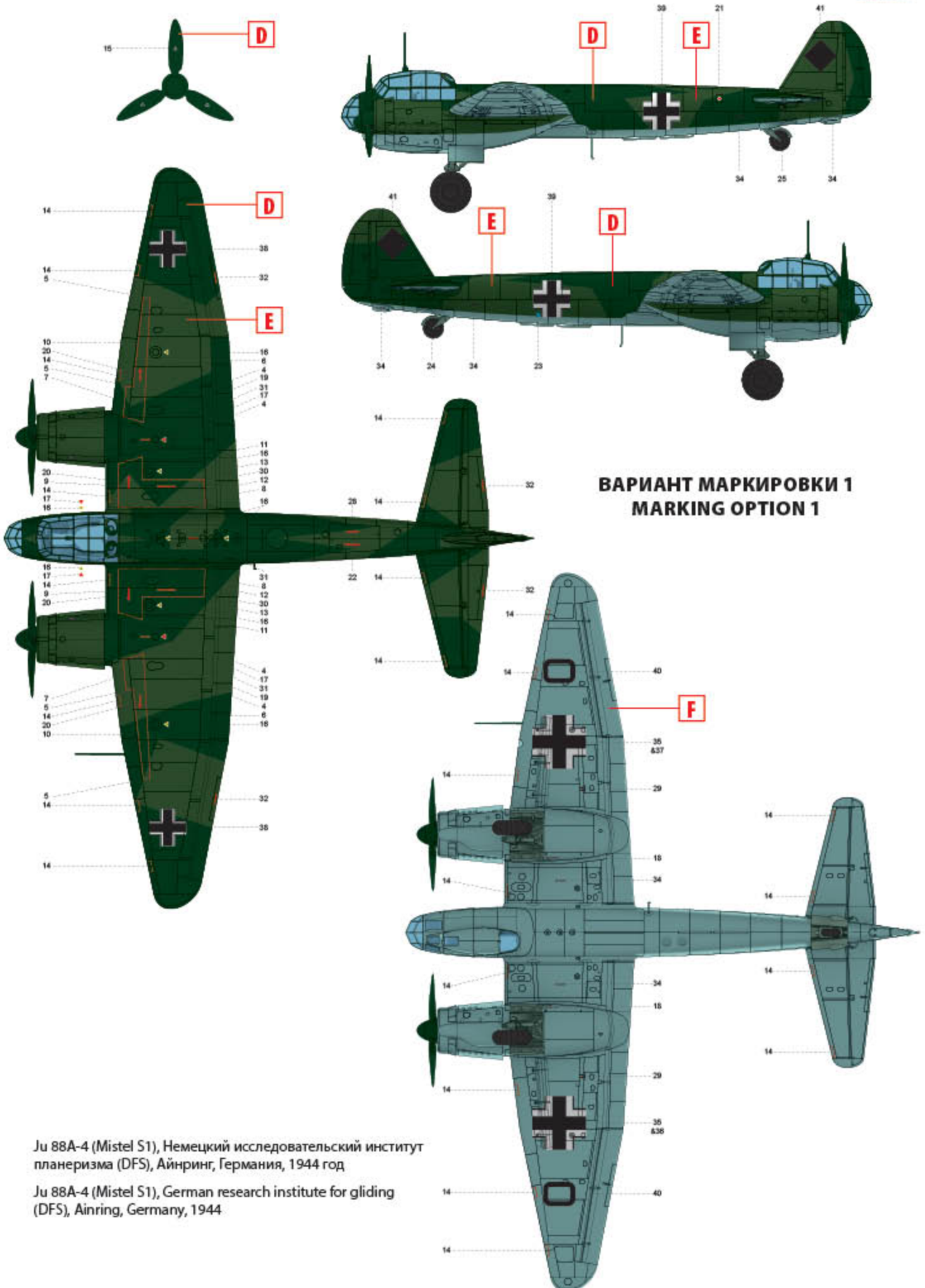
Bf 109F-4 (Mistel S1), German research institute for gliding (DFS), Ainning, Germany, 1944



**ВАРИАНТ МАРКИРОВКИ 2
MARKING OPTION 2**



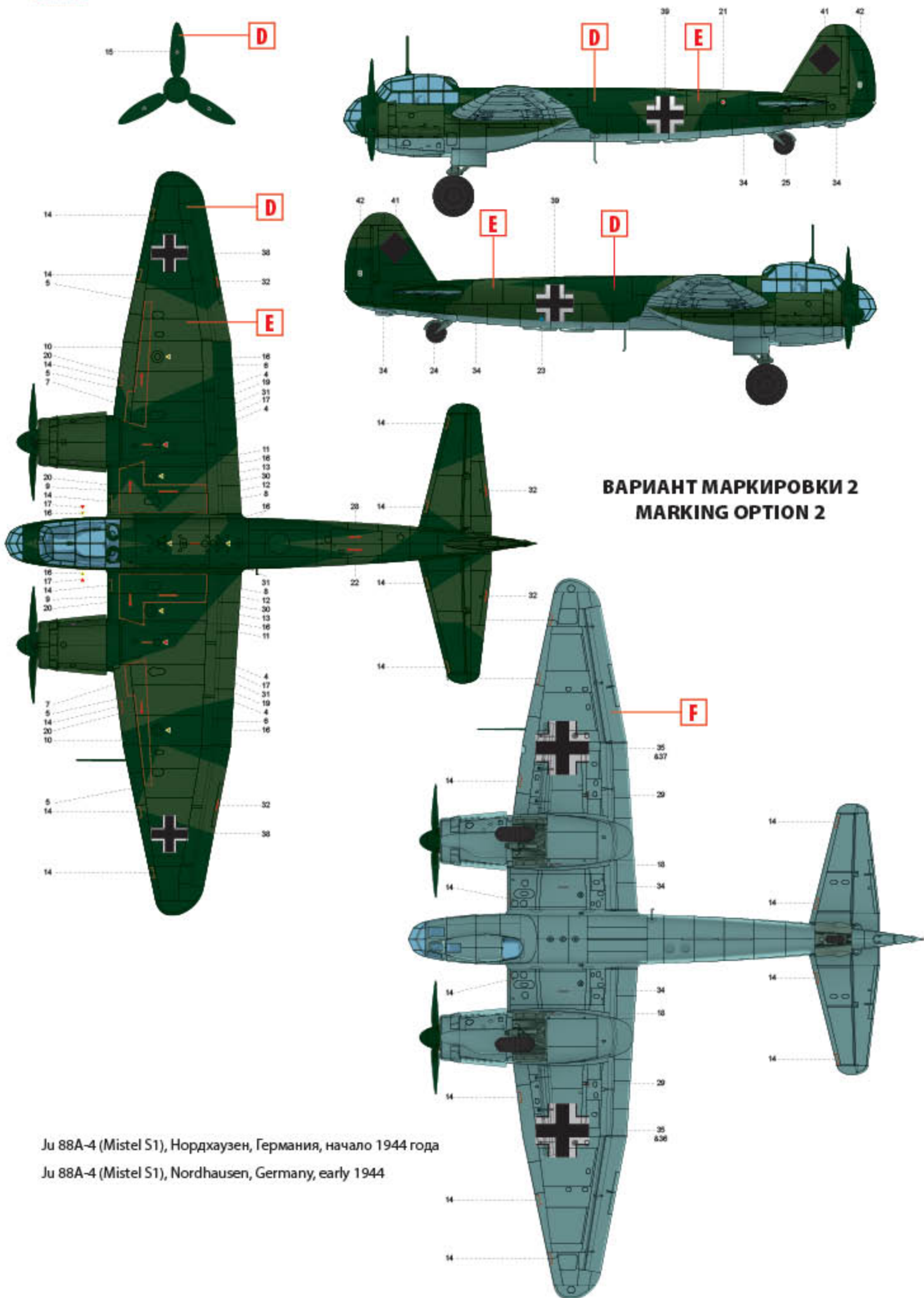
Bf 109F-4 (Mistel S1), Нордхаузен, Германия, начало 1944 года
Bf 109F-4 (Mistel S1), Nordhausen, Germany, early 1944



**ВАРИАНТ МАРКИРОВКИ 1
MARKING OPTION 1**

Ju 88A-4 (Mistel S1), Немецкий исследовательский институт планеризма (DFS), Айнринг, Германия, 1944 год

Ju 88A-4 (Mistel S1), German research institute for gliding (DFS), Ainring, Germany, 1944



Ju 88A-4 (Mistel S1), Нордхаузен, Германия, начало 1944 года
 Ju 88A-4 (Mistel S1), Nordhausen, Germany, early 1944