

WWII GERMAN Focke-Wulf Fw 189A-1 'NACHT JÄGER'



Great Wall
Hobby™

二战德军 Fw 189A-1 “梟” 式夜间战斗机

ITEM L4801

The Focke-Wulf Fw 189 was a German twin-engine, twin-boom, three-seat tactical reconnaissance and army cooperation aircraft. It first flew in 1938, entered service in 1940, and was produced until mid-1944. The Fw 189 was of a twin-engine design, made up of a long-spanning wing element and twin booms. The Fw 189 system was crewed by three personnel (consisting of the pilot and two gunners who also act as observers) positioned in a cockpit sitting high above and between the engine booms featuring a nearly all-glazed greenhouse-type design. The cockpit with many pieces of massive flat glass and double tail booms provide the best views all around. One gunner operates a dorsal machine gun mounting and the other operates a machine gun mounting in a tail cone turret assembly. Possibly the best reconnaissance aircraft to operate during World War II, the Fw 189 was produced in large numbers. Total production was 864 aircraft of all variants. Fw 189 was one of the most peculiar aircraft design for the German Luftwaffe in the Second World War and accounted for a successful operational run. In 1944, some of the Fw 189 A-1 were converted to the nightfighter role. One of FuG212C-1 airborne interception

福克·伍尔夫 Fw 189 是一种双发双尾撑三座战术侦察/对地支援飞机。1938 年首飞，1940 年在德国空军开始服役，其生产一直持续到 1944 年中。Fw 189 由两台发动机提供动力，翼展较大，发动机后部延伸出两个尾撑。乘员有三人，包括一名飞行员和两名机枪手兼观察员。所有成员位于两个引擎尾撑之间较高位置的座舱里，整个座舱几乎全部光滑透明，类似于玻璃暖房。大块的平板玻璃和双尾撑提供了绝佳的全方向视野。一名机枪手操作位于座舱背部，另一名操作位于座舱玻璃尾锥内炮座上的机枪。Fw 189 被认为可能是二战中最好的侦察机，各型号的总生产数量达到 864 架。Fw 189 是二战中德国空军使用过的最奇特的飞机之一，使用非常成功。1944 年，部分 Fw 189 A-1 是被改装成为夜间战斗机，机鼻上安装 FuG212C-1 空

radar was equipped on the nose and flame dampers were installed at the exhausts of the engines. MG-151/15 or MG151/20 were equipped in dorsal position. The Fw 189 A-1 night version were mainly used in East Front.

Specifications(Fw 189A-1):General characteristics:Crew:3;Length: 12.03 m (39 ft 4 in);Wingspan: 18.4 m (60 ft 4 in);Height: 3.7 m (12 ft 0 in);Empty weight: 2,680 kg (5,920 lb);Loaded weight: 3,950 kg (8,708 lb);Power plant: 2×Argus As 410 inverted air-cooled V12 aircraft engine, 342 kW/459 hp each

Performance:Maximum speed: 357 km/h at 2,600 m (222 mph at 8,530 ft);Range: 670 km (416 mi);Service ceiling: 8,400 m (27,550 ft);Rate of climb: 8.3 m/s (1,640 ft/min)

Armament:2 × 7.92 mm (.312 in) MG 17 machine guns mounted in the wing roots, firing forward;20mm MG151/20 and 7.92 mm (.312 in) MG 15 machine gun in dorsal position and rear cone, flexible mount, firing rearwards. In later A-2 versions, MG 15 were replaced with 7.92 mm (.312 in) MG 81Z twin-barrel machine gun; 4 × 50 kg (110 lb) bombs

中拦截雷达，加装消除废气的消焰器，机背安装了 20mm 的 MG-151/15 或 MG-151/20 机枪，主要服役于东线战场

常规参数：乘员：3 人；机长：12m；翼展：18.4m；机高：3.7m；空重：2680kg；最大起飞重：3950kg；发动机：2 台阿戈斯 As 410 倒 V 型 12 缸空冷航空发动机。单台机功率 342kw/459 马力

飞行参数：最大时速：357km/小时，2600m 高度；航程：670 公里；升限：8400m；爬升率：8.3m/秒

武器装备：2×7.92mm MG17 机枪，位于两侧翼根，向前射击 20mm MG-151 和 7.92mm MG-15 机枪位于座舱背部和尾锥内固定枪架向后射击。后期 A-2 型换装为 2×7.92mm MG81Z 双管机枪；4 枚 50 公斤（1101b）炸弹

△注意:

1. 勿於近火處使用膠水或油漆，並打開窗戶保持空氣流通。
2. 塗料的號碼請參考本欄以下的說明。本品本身不包括膠水和塗料。
3. 自膠架中取出部件時，應用模型專用剪，並用介刀或小挫除去多餘膠料。
4. 各圖形的含義可參考本欄以下的說明。

△CAUTION:

1. When you use glue or paint, do not use near a open flame, and use in a well-ventilated room.
2. See below for the color list. Glue and paint are not included in this kit.
3. When you take parts off the runner frame, use the modeling scissors and trim excess plastic with a cutter or a file.
4. See below for the meaning of symbols.

△組み立ての注意:

1. 接着剤や塗料は火の近くで使わないで下さい、使用の際は換気を良くして下さい。
2. 塗料指定のは下記のとおりです、接着剤や塗料は入っていないので別に求めて下さい。
3. 部品をランナーから切り離す時は模型用ハサミ等を使い、余分な部分はカッターやヤスリ等で仕上げて下さい。
4. 組立図のサインマークは下の説明を御覧下さい。



Fill hole
填平

穴を埋めてください



Apply decal
水貼紙

デカールをはって下さい



Cut off
切除

切り取って下さい



Cement
膠水

接着してください



Open hole
钻孔

穴をあけて下さい



Do the same
on the opposite
另一側同制作

反対側も取り付けます



Bend
弯折

折り曲げて下さい



Make two sets
制作二組

2個作って下さい



No cement
不用膠水

接着しないで下さい



Instant glue
for metal
瞬間膠

瞬間接着剤 (金属用)



Optional
選擇使用

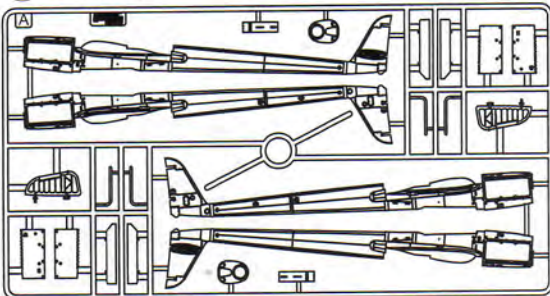
どちらがを選んで下さい



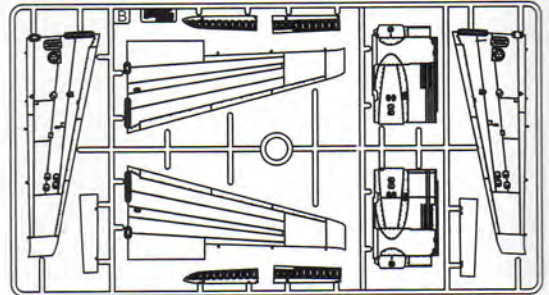
Be careful
注意

注意して下さい

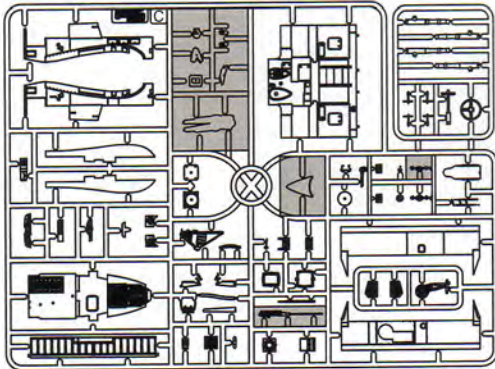
A PARTSx1



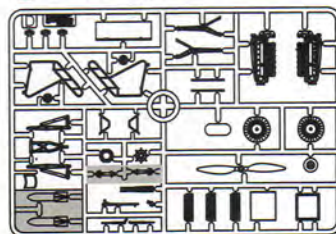
B PARTSx1



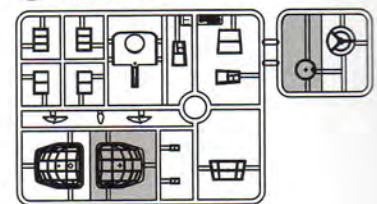
C PARTSx1



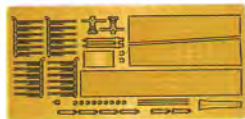
D PARTSx2



E PARTSx1



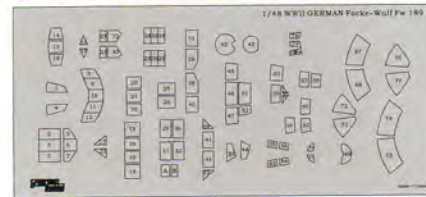
PE PARTSx1



DECAL PARTSx1



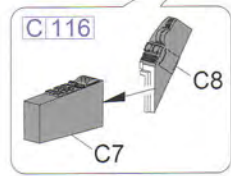
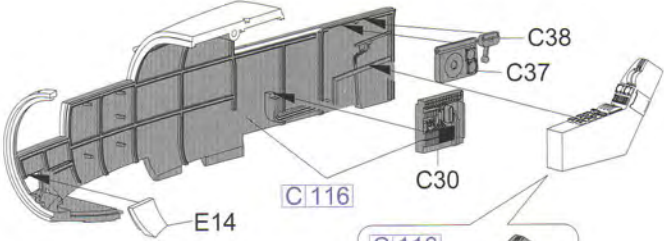
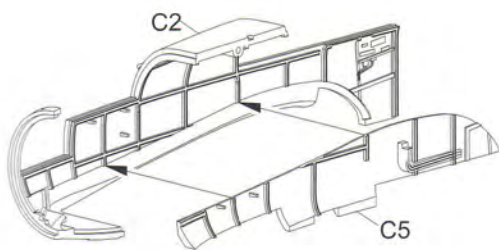
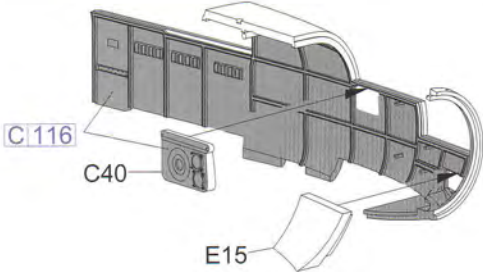
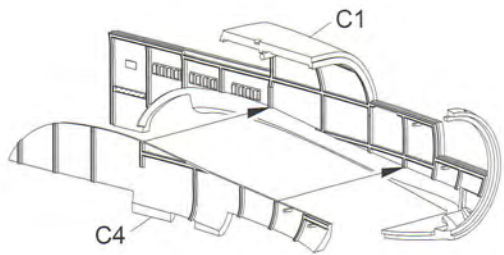
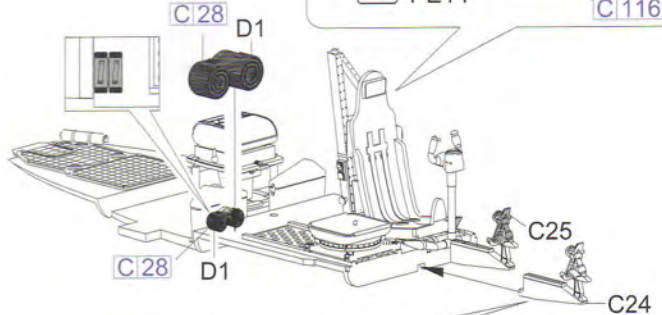
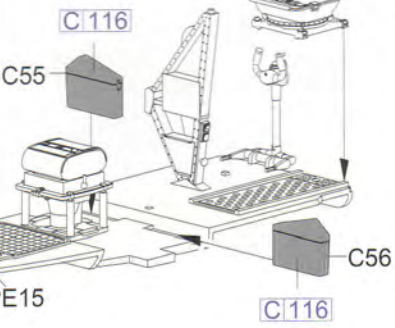
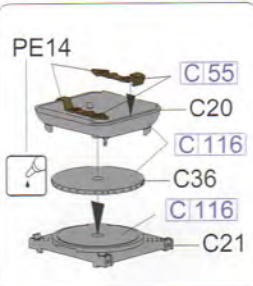
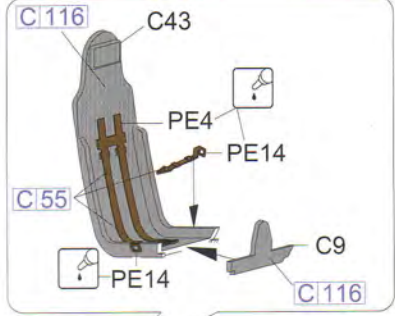
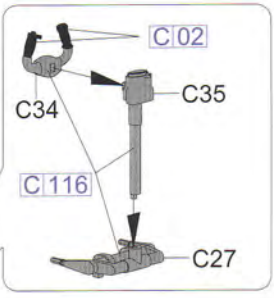
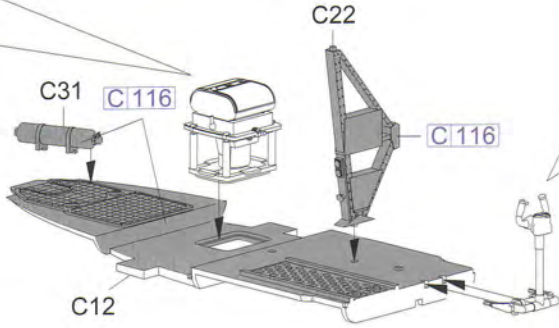
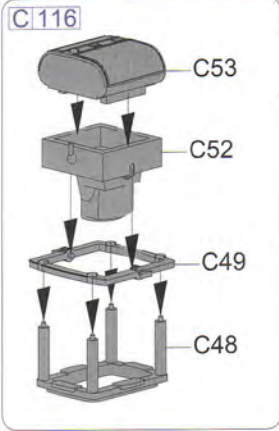
CANOPY MASK PARTSx1

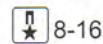
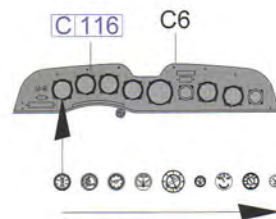
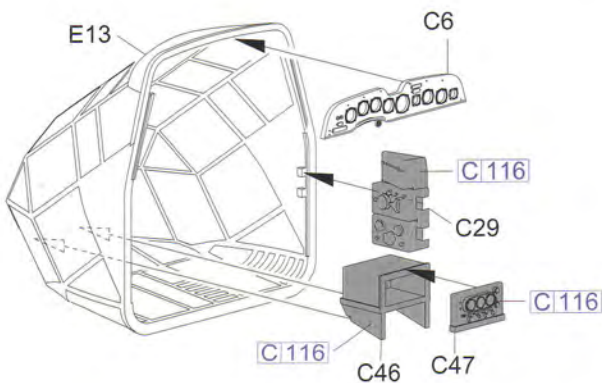
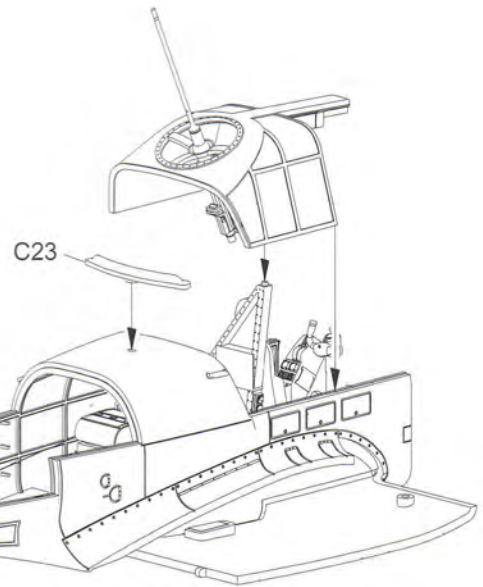
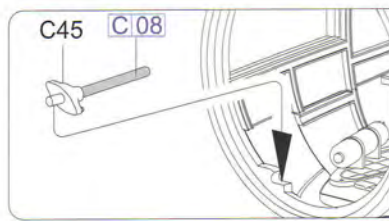
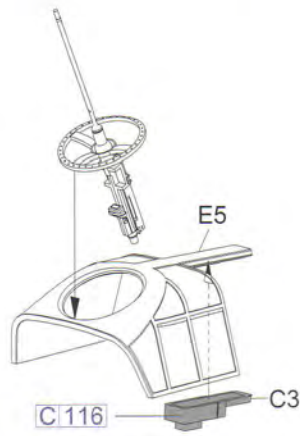
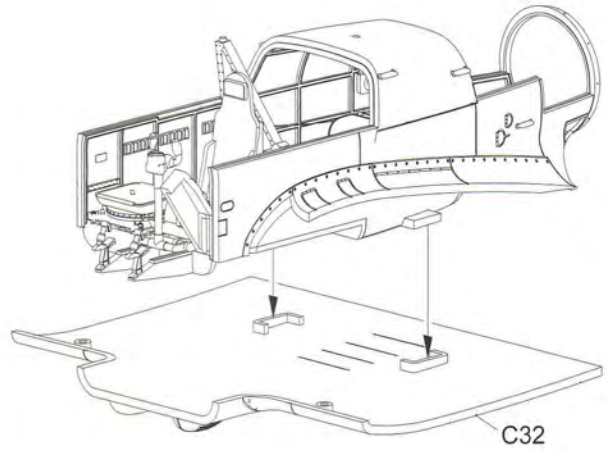
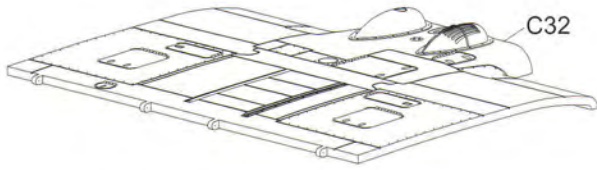
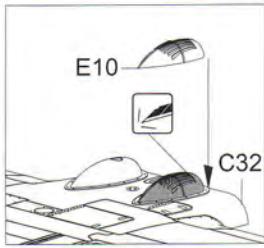
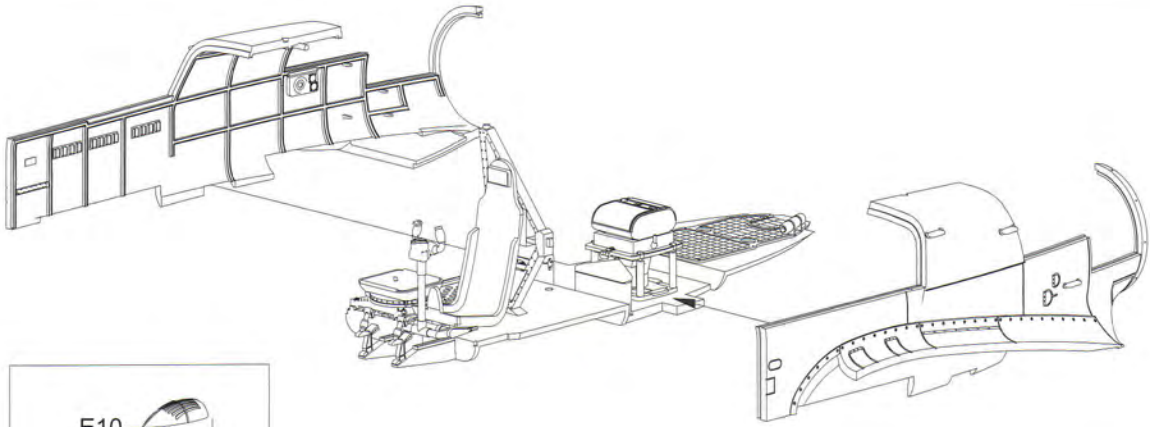


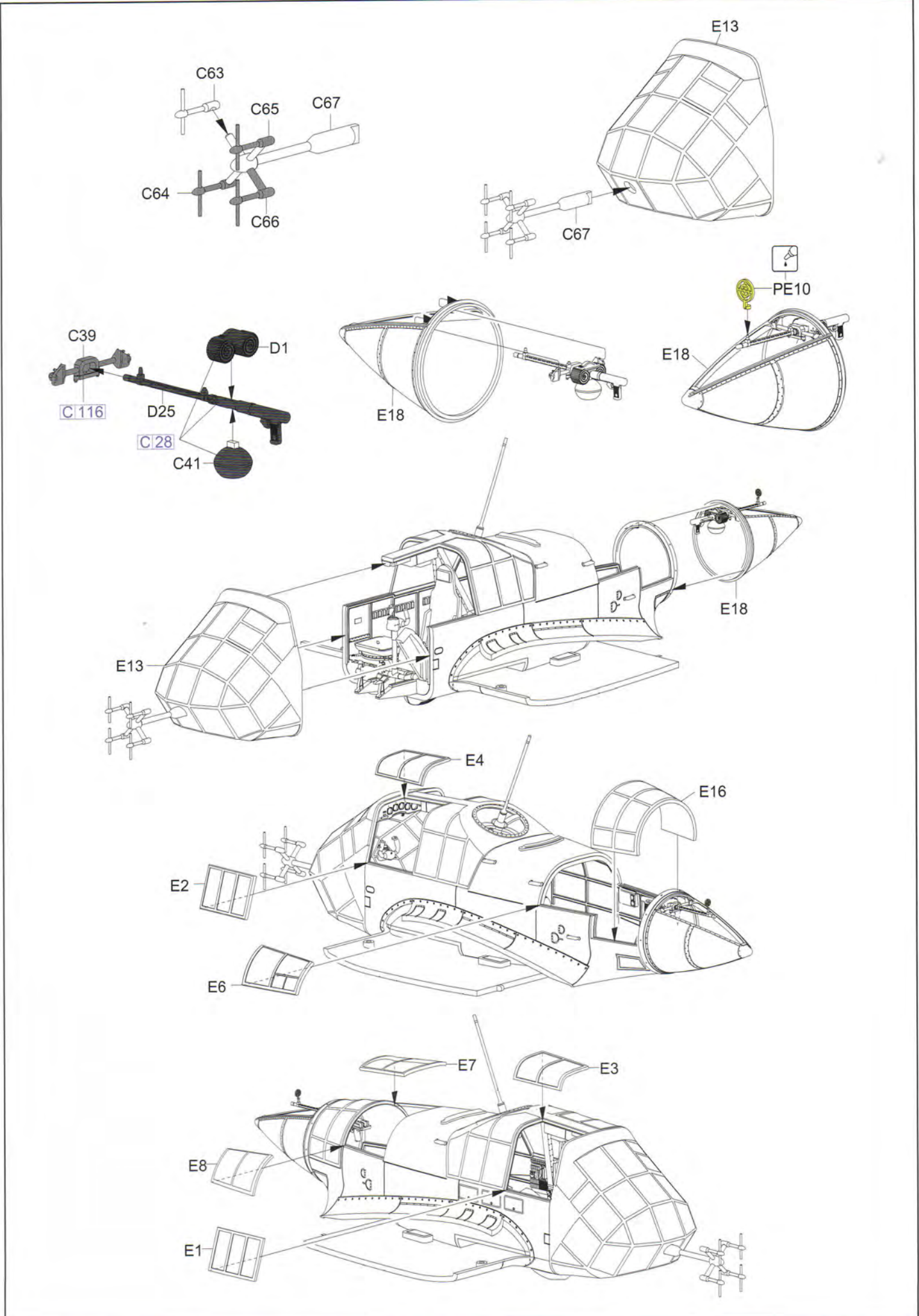
Parts not for use
不需要版件零件

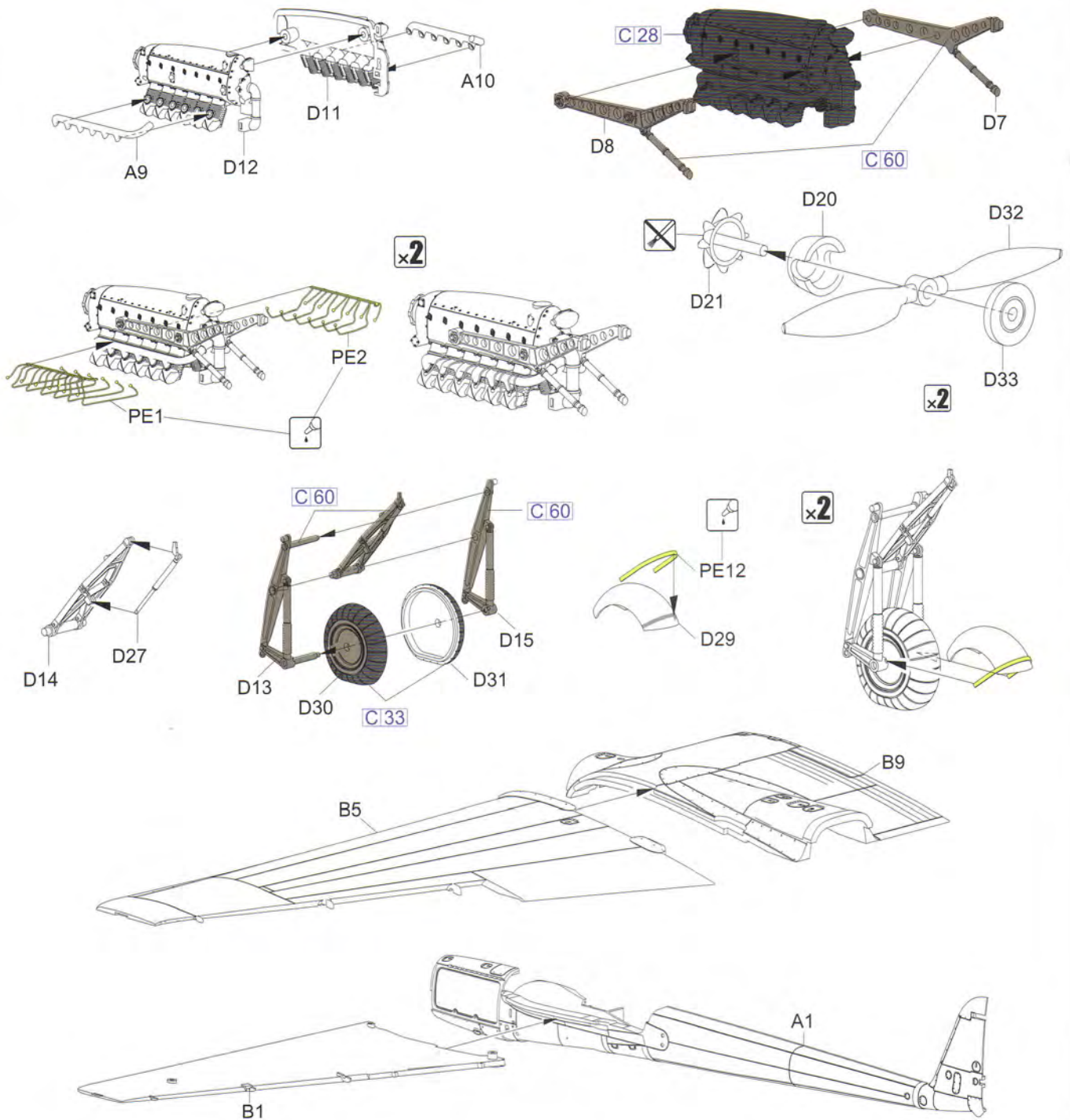
C00 GSI CREOS CORP.HOBBY COLOUR

C37 紫灰色 Gray Violet RLM75	C61 烧铁色 Burnt Iron	C117 浅蓝 Light Blue RLM76
C47 透明红色 Clear Red	C28 黑铁色 Steel	C116 黑灰色 Black Gray RLM66
C92 半光黑 Semi Gloss Black	C55 卡其色 Khaki	C113 黄色 Yellow RLM04
C60 灰色 Gray RLM02	C08 银色 Silver	C138 透明绿色 Clear Green
C02 黑色 Black	C03 红色 Red	C33 哑黑色 Flat Black

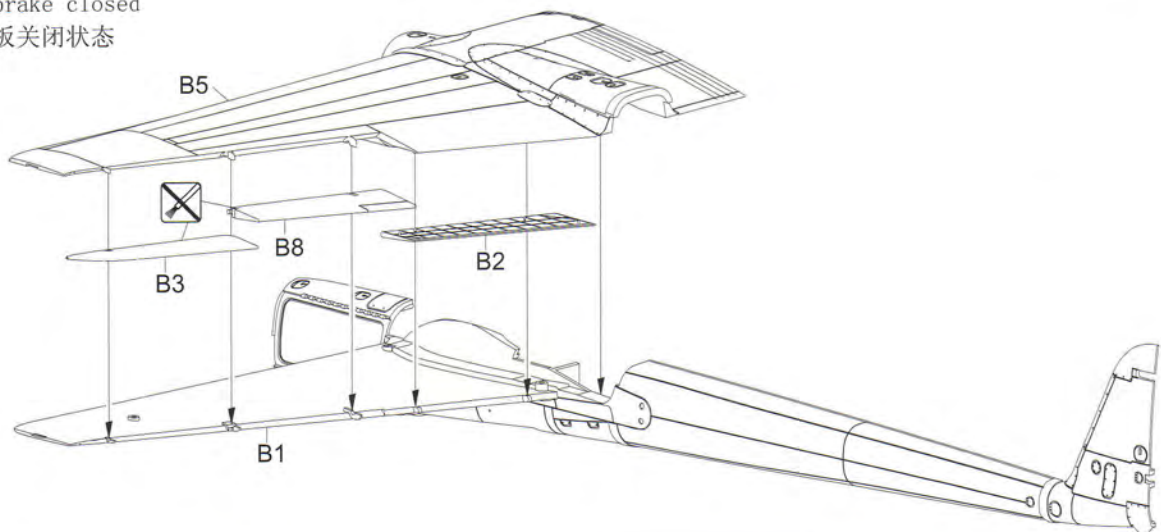




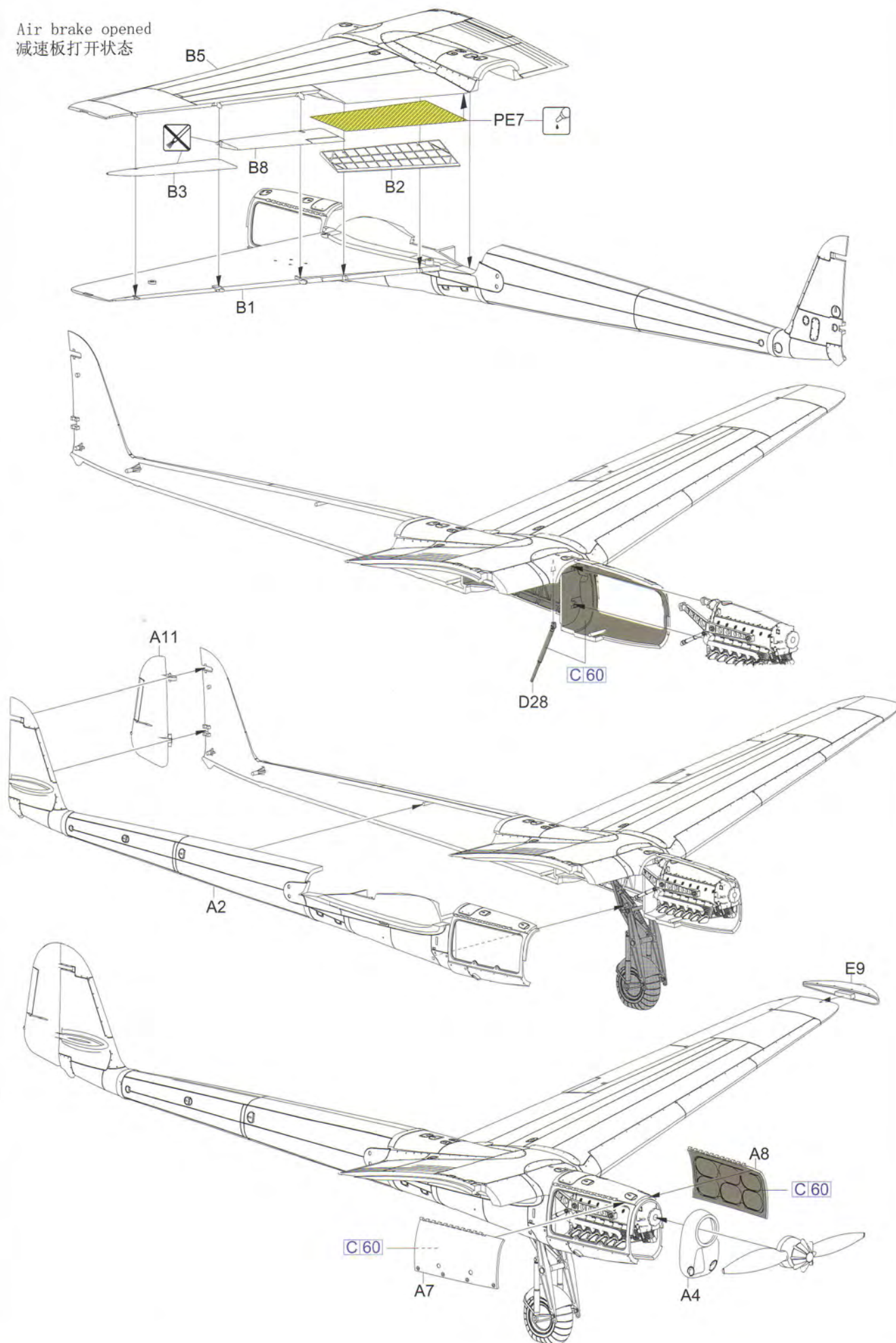


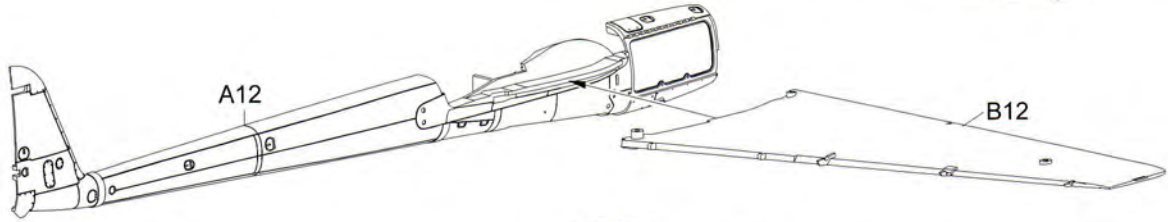
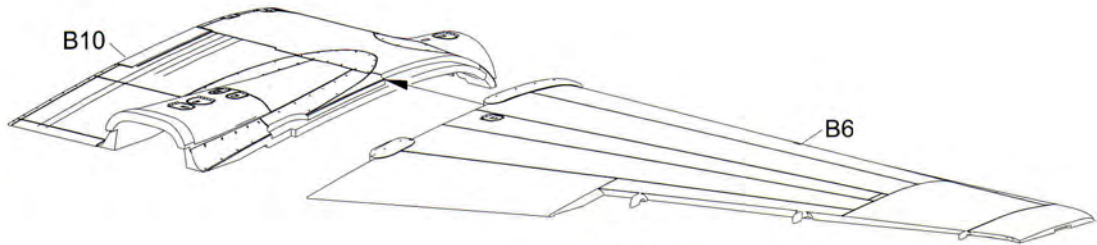


Air brake closed
 减速板关闭状态

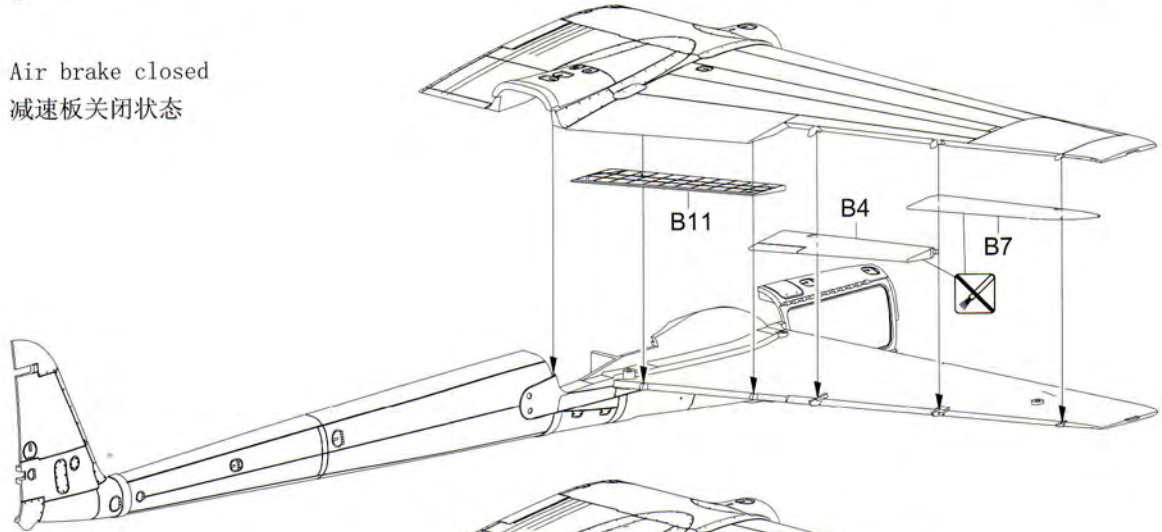


Air brake opened
減速板打开状态

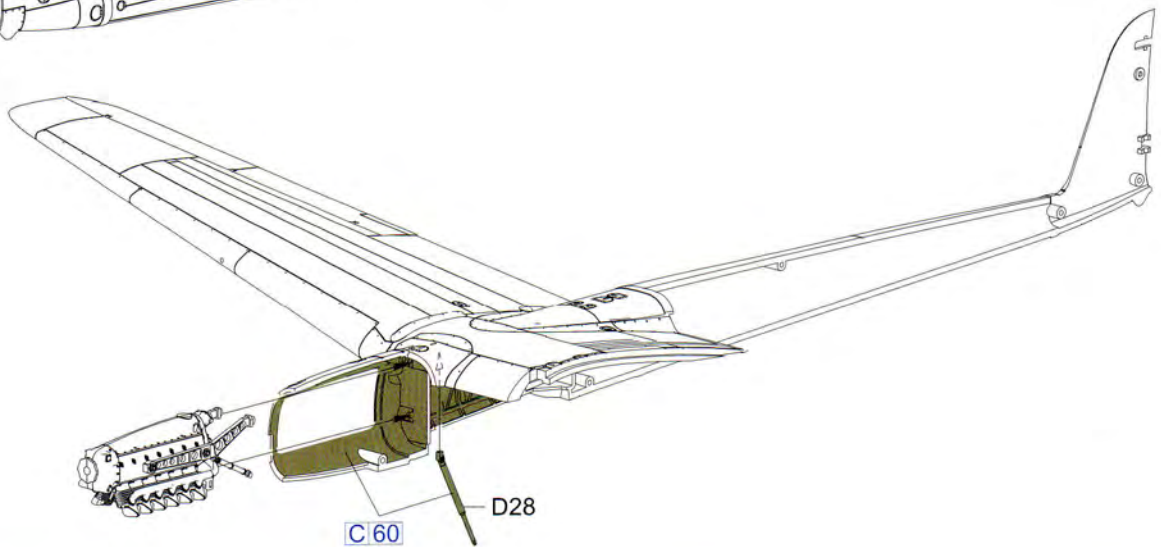
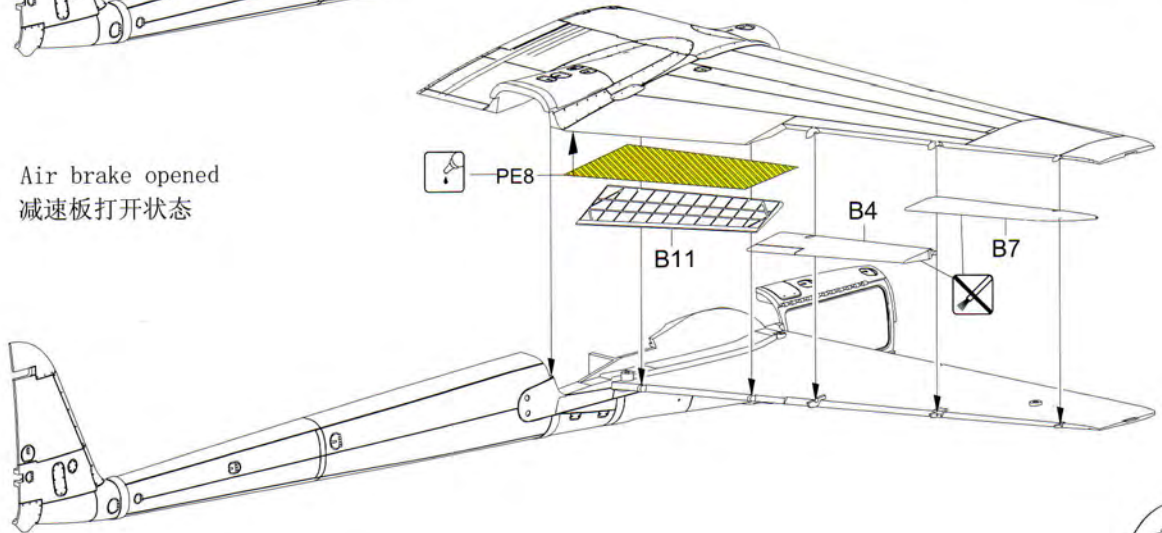


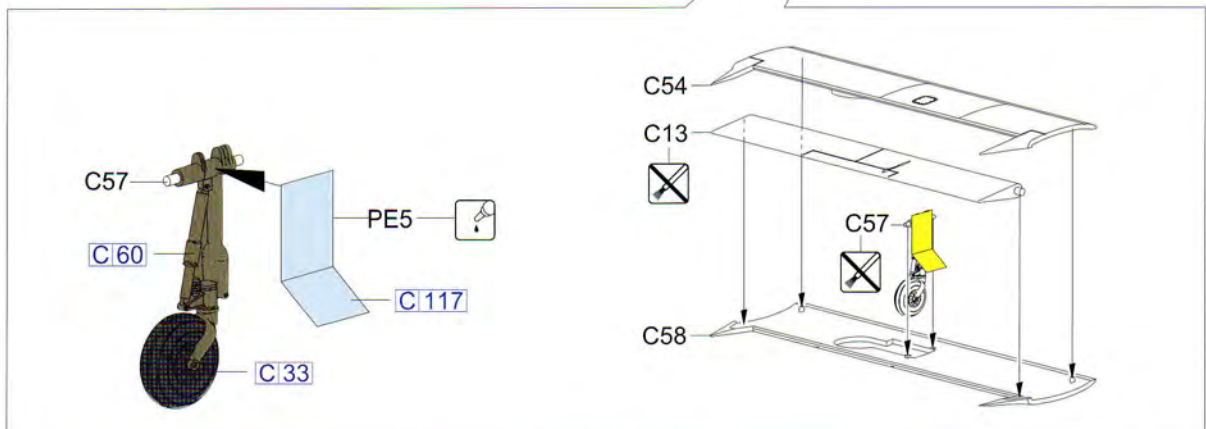
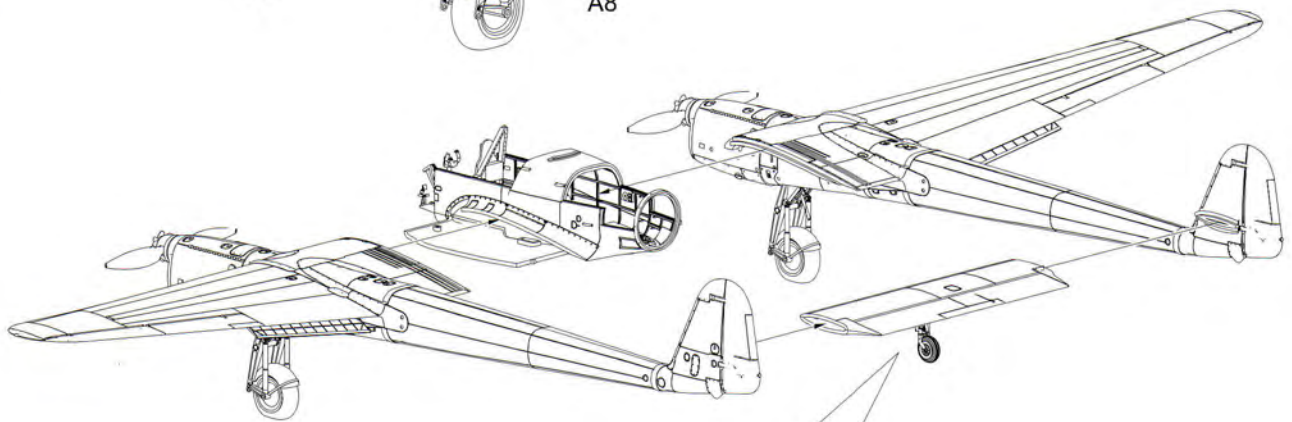
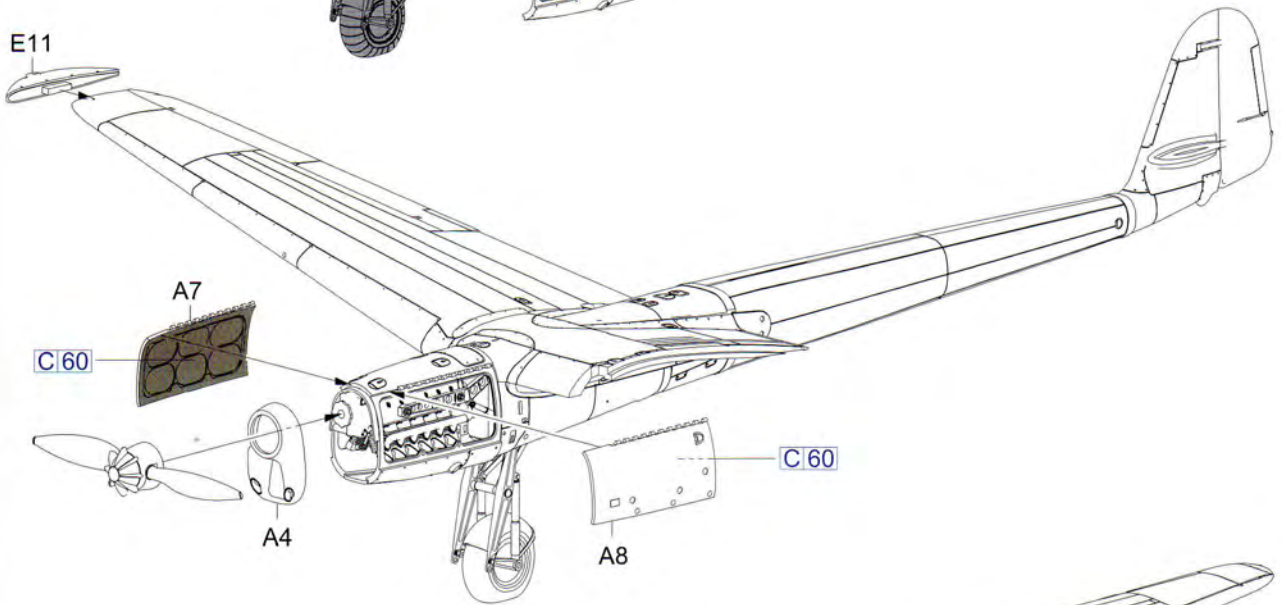
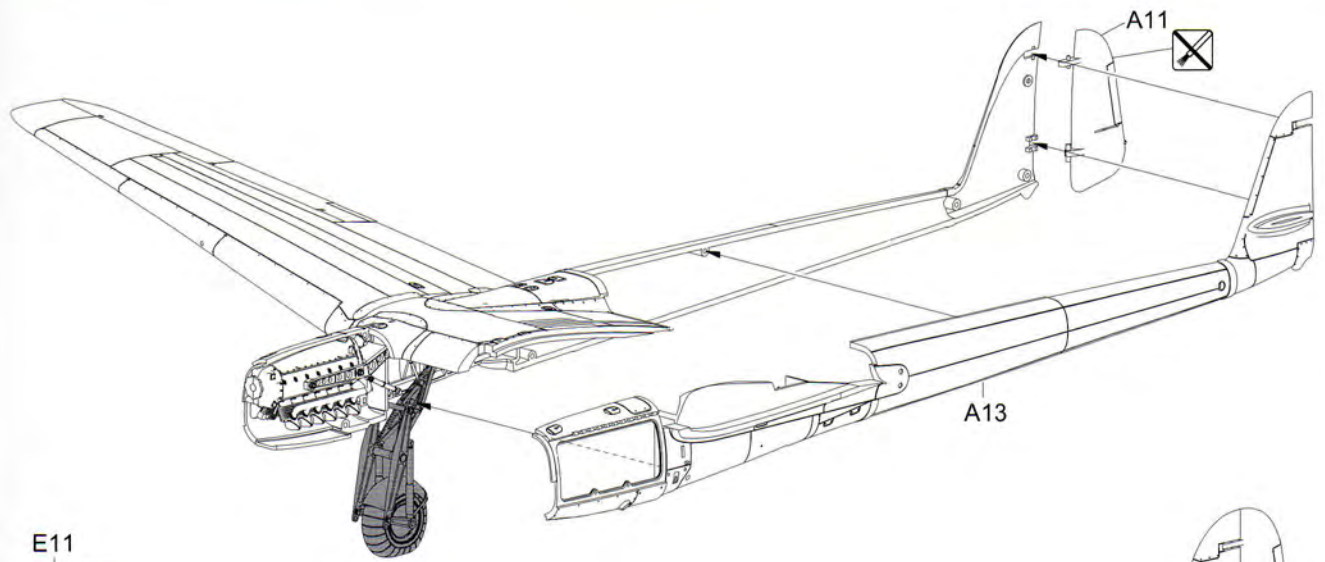


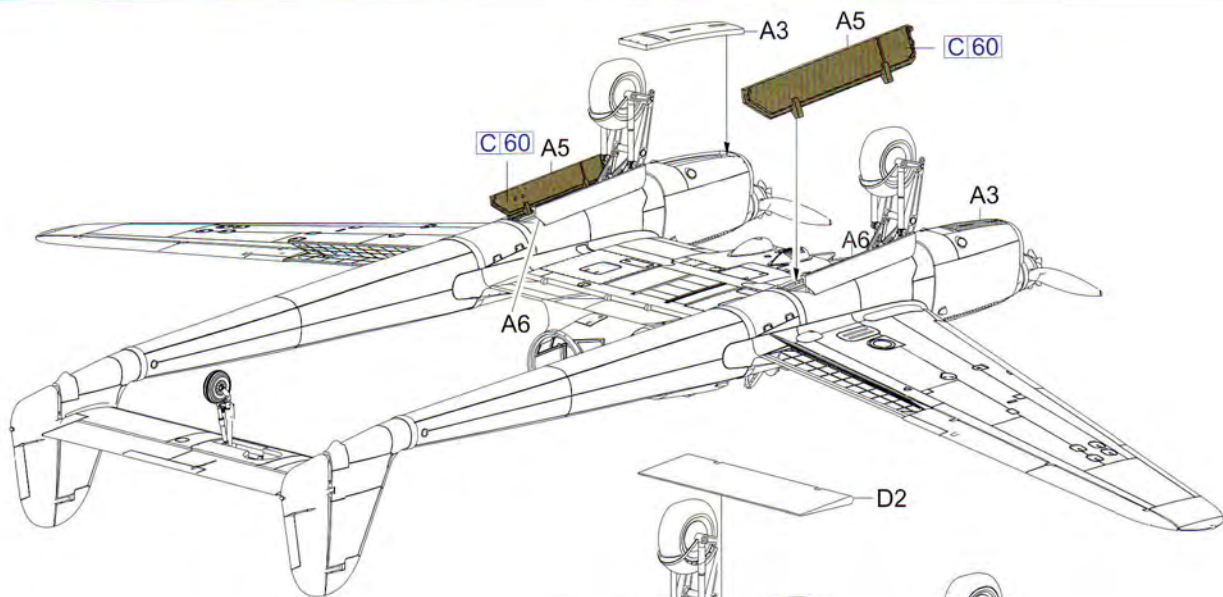
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 减速板关闭状态



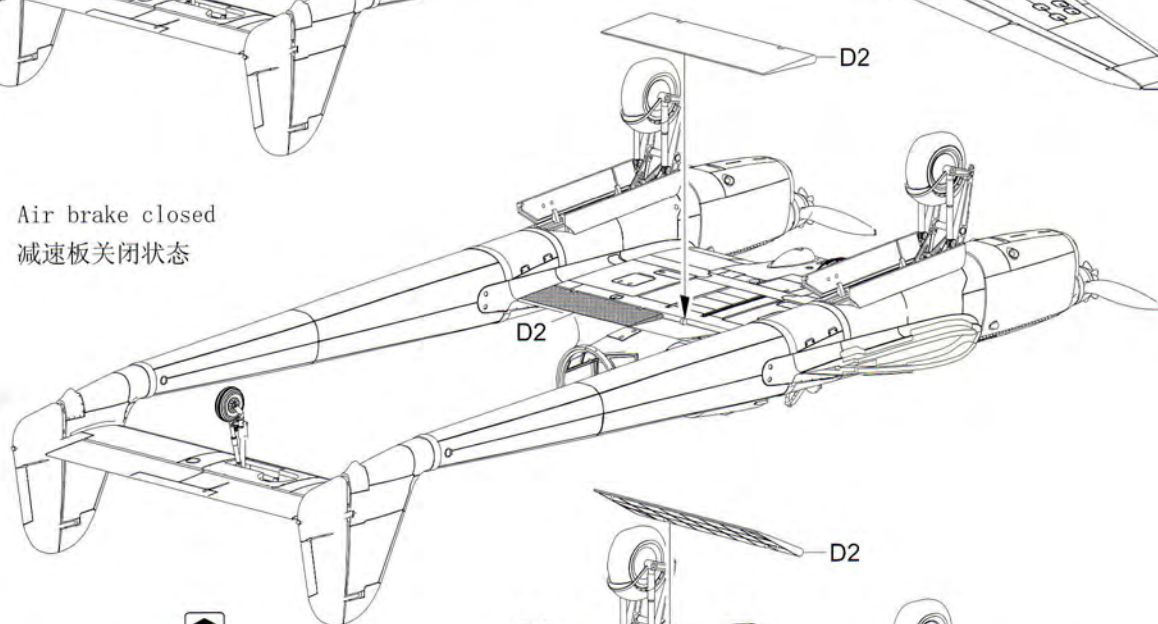
Air brake opened
 减速板打开状态



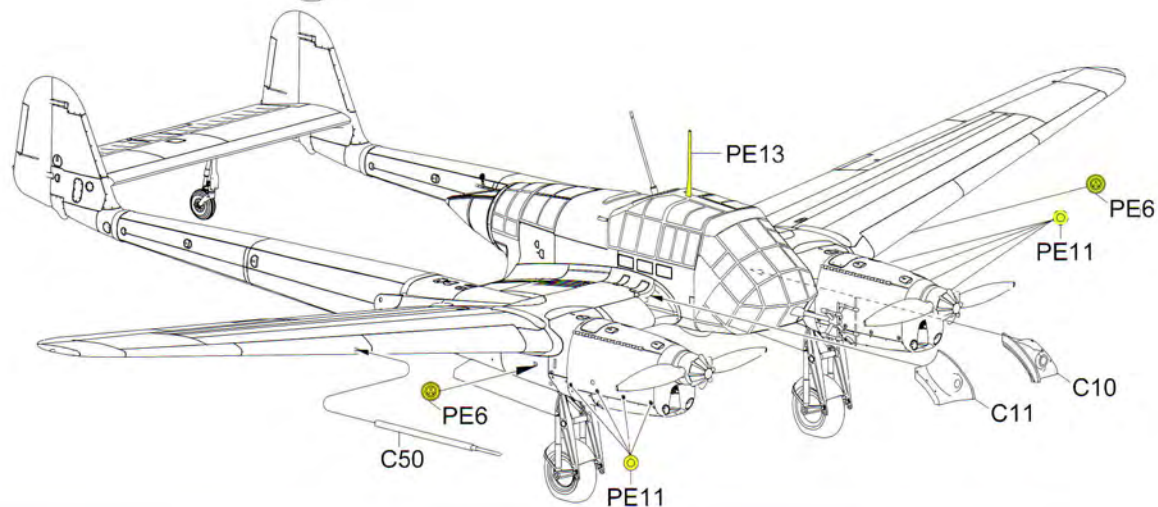
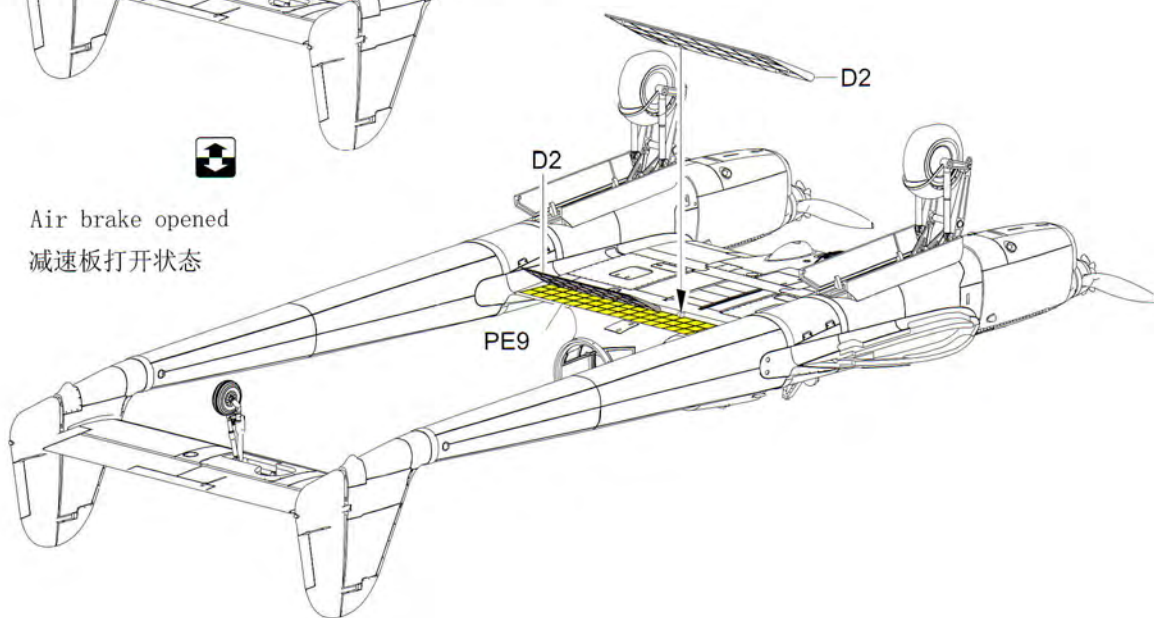


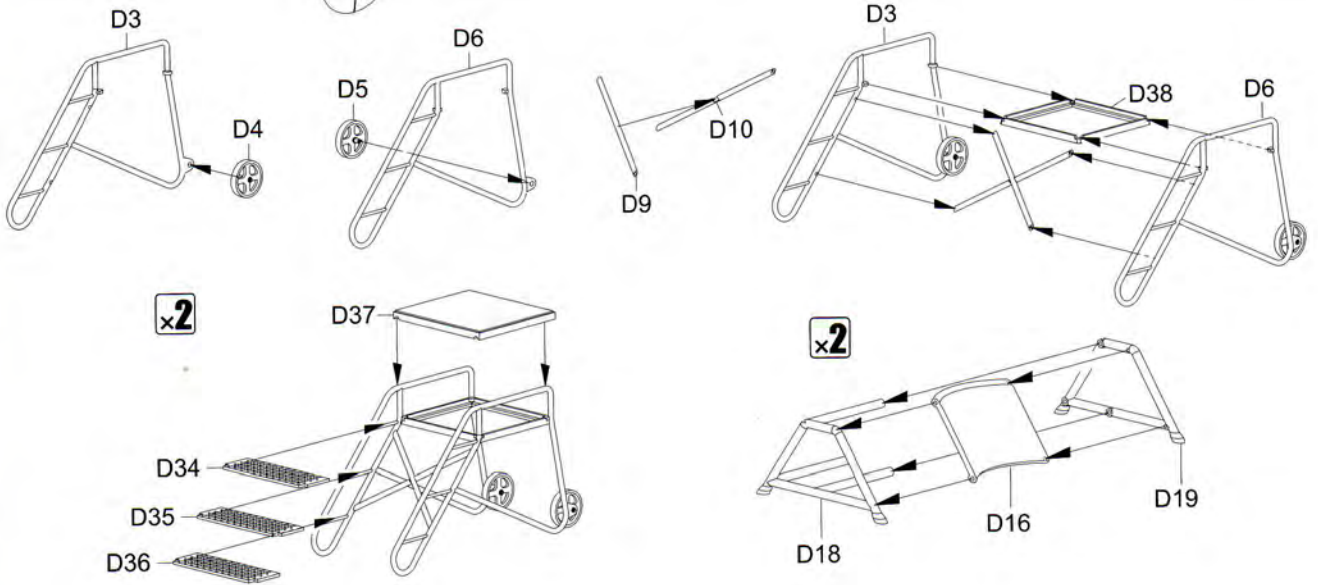
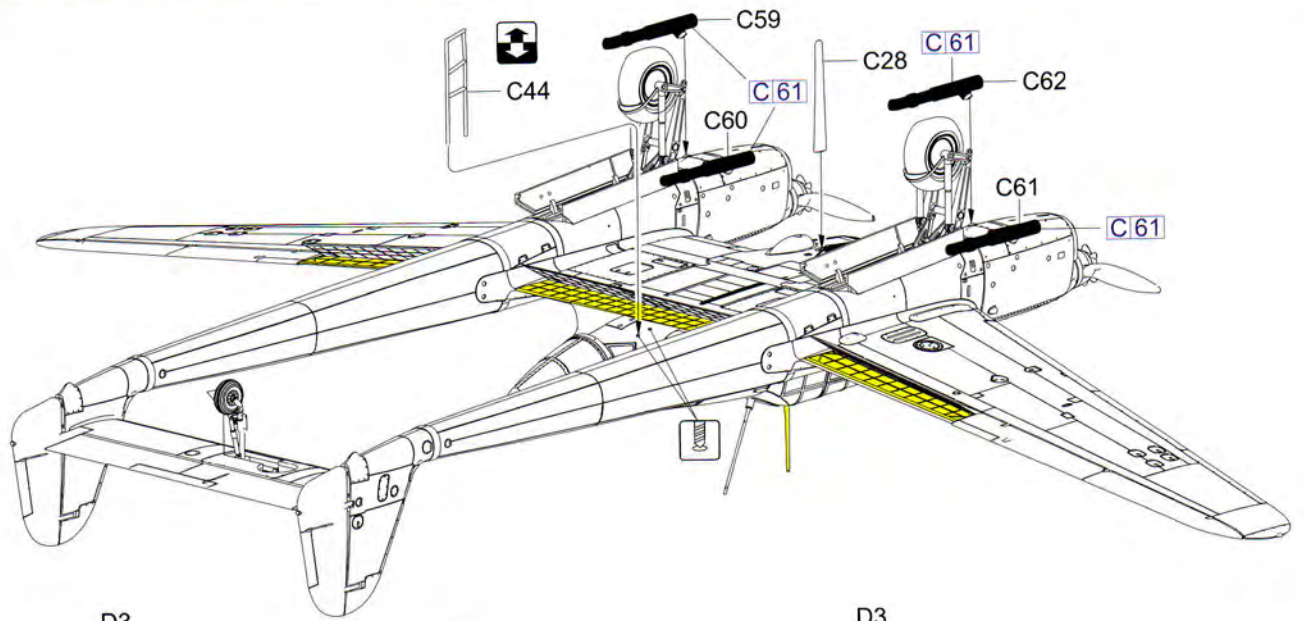


Air brake closed
 减速板关闭状态

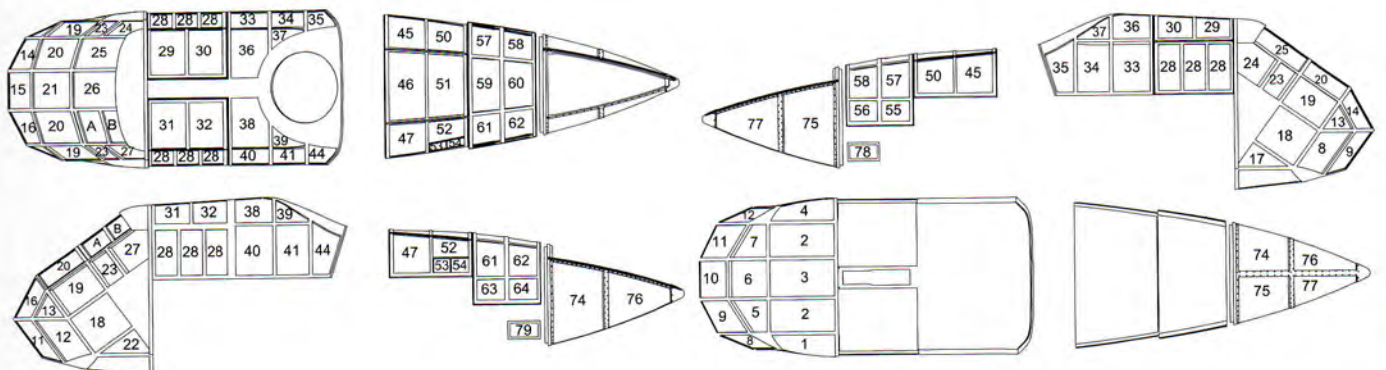
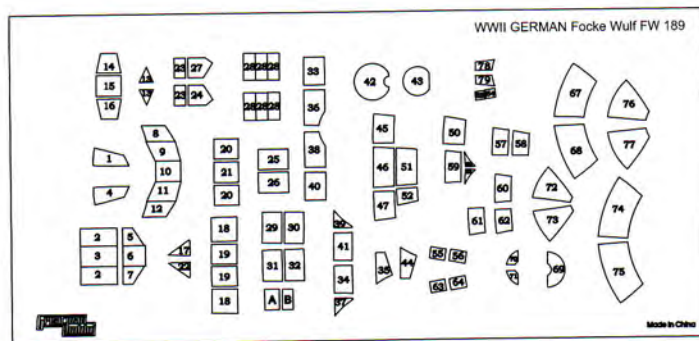


Air brake opened
 减速板打开状态





Canopy mask
窗贴



Fw 189A-1 (W7+CB)-Stab 1/NJG 100,Greifswald,luty 1945 r.

