

1/48 SCALE L4806 WWII USAAF NORTHROP P-61A

'BLACK WIDOW' GLASS NOSE

G.W.H.™

二战美国陆军航空队 诺斯罗普P-61A‘黑寡妇’型战斗机 透明机鼻



The famous Northrop P-61 Black Widow was the first operational U.S. military aircraft designed specifically for night interception. In the Battle of Britain in 1940, The RAF was at a loss countering the Luftwaffe's Night Bombardment. In darkness, the RAF fighters had less opportunities to attack than in daylight. This deeply impressed the US observers attached to the RAF at the time. When they returned to the US, they energetically demanded a night fighter which could catch and destroy raiding aircraft at night.

In Nov 1940, according to the requirements of M2 Browning machine guns. 2900 kg bombs could be loaded as well to accomplished missions such as interception, bombing, and scouting.

Once the Black Widow did get into action in late WWII, it was successful against a variety of targets in the European, Mediterranean, Pacific Theater, and Chinese Theater of Operations. The combat successes of P-61 NFS

P-61, 绰号“黑寡妇”，是美国诺斯罗普公司研制的著名战斗机，也是世界上第一种实用的夜间型战斗机。

1940年的不列颠战役，英国方面对于德国空军的夜间轰炸显得束手无策，在黑夜中，英国空军获得攻击的机会远远落后于白天，只有在探照灯光偶然照到才能获得攻击机会。这给在皇家空军中做观察员的美国军官留下深刻印象，他们在回国后便大力提倡发展一种在夜间能够捕捉并摧毁敌机的夜间战斗机。

1940年11月，根据美国陆航的要求，诺斯罗普飞机公司提出的一个夜间战斗机计划获得了通过，并开始实施。1941年1月11日，陆航订购了两架XP-61原型机，紧接着于同年3月10日又订购13架YP-61作战适用性试验机。作为第一款夜间战斗机，P-61的尺寸相当于中型轰炸机，外形结构奇特，机翼上两台R-2800“黄蜂”发动机向后延伸构成双后机身，尾端是双垂尾由中间安装的水平尾翼连接，中央机舱有机头雷达、驾驶舱和末端的

included 127 enemy fighter planes and bombers, and 18 V-1 buzz bombs. Until the end of WWII, Northrop produced 706 aircraft of the P-61 series.

There are only 2 aircrafts preserved: one is in National Museum US Air Force in Dayton, Ohio, USA and one is located in the BeiHang University in Beijing, China.

The aircraft in the box art was a P61A of 6th NFS, USAAF in Saipan, Serial No.25527. It had a semitransparent GFRP nose, through which the airborne intercept radar could be seen indistinctly. The Rader could help P61A to protect the airport and the bombers and fight off the attack from Japanese aircrafts in the night and other bad weather like fog, when other fighters can not patrol in the sky because of the low visibility. After the buffeting problem was solved, the later producing P-61As equipped the top turret to strengthen the firepower.

射击员舱。武器装备有4门机炮和4挺机枪，还可携带2900千克炸弹，能完成截击，轰炸和侦察任务。虽然P-61投入现役已经是二战末期，但是它的身影却活跃在欧洲、地中海、太平洋、中国和印度。战争中的P-61夜间战斗机中队共击落了127架敌军飞机和18枚V1型火箭。

到战争结束时，诺斯罗普公司一共生产了706架飞机，目前世界上仅存有两架，一架收藏在美国俄亥俄州代顿市的美国空军博物馆，另一架在中国的北京航空航天大学。

封绘中编号为25527的飞机是一架驻扎在塞班岛上第六夜间战斗机中队的P-61A型，玻璃钢的机鼻为半透明，隐约可见其中的截击雷达设备，该设备可以让P-61在黑夜，大雾等低能见度其他战斗机无法正常出勤的时候保护塞班岛上重要的机场和轰炸机不受敌人的袭击。由于解决了共振的问题，后期生产的P-61A型加装了顶部炮塔以加强火力。

△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、使用の際は換気をよくして下さい。
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ませんので別に求めて下さい。
3. 部品の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して下さい。
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
穴を埋めて下さい



Apply decal
水印貼紙
デカールを貼って下さい



Cut off
切除
切り取って下さい



Cement
胶水
接着して下さい



Open hole
钻孔
穴をあけて下さい



Do the same
on the opposite
另一側相同制作
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
不用胶水
接着しないで下さい



Instant glue
for metal
瞬間胶
瞬間接着剤(金属用)

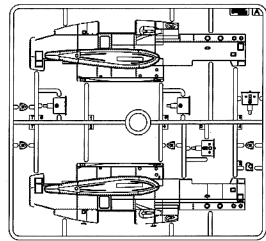


Optional
选择使用
どちらがを選んで下さい

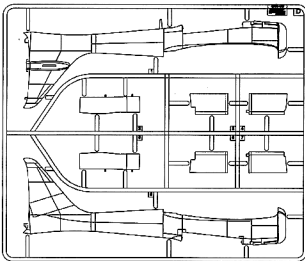


Be careful
注意
注意して下さい

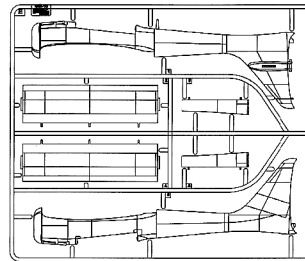
A PARTS×1



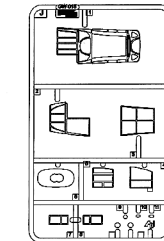
D PARTS×1



E PARTS×1



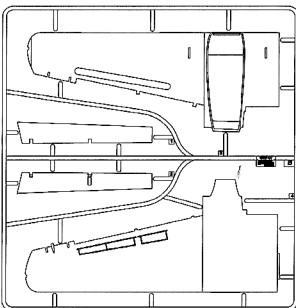
J PARTS×1



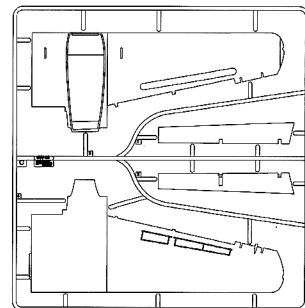
K PARTS×1



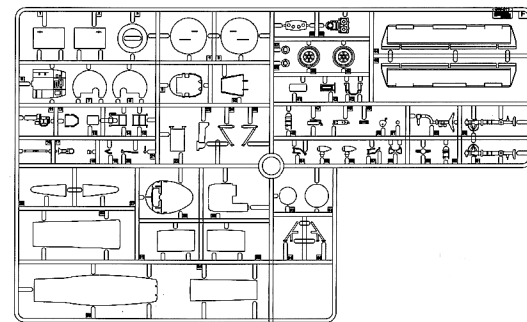
B PARTS×1



C PARTS×1



F PARTS×1



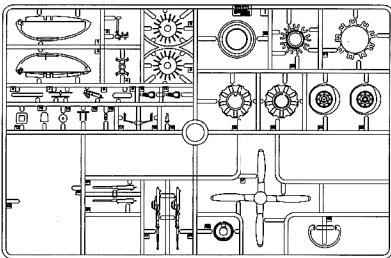
M PARTS×2



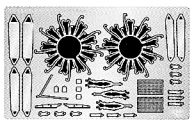
N PARTS×2



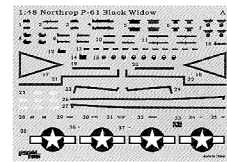
I PARTS×2



PE PARTS×1



DE A PARTS×1



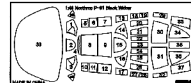
DE B PARTS×1



PLASTIC BEAMS
ROUND Ø0.4mm
PARTS×1



Z PARTS×1

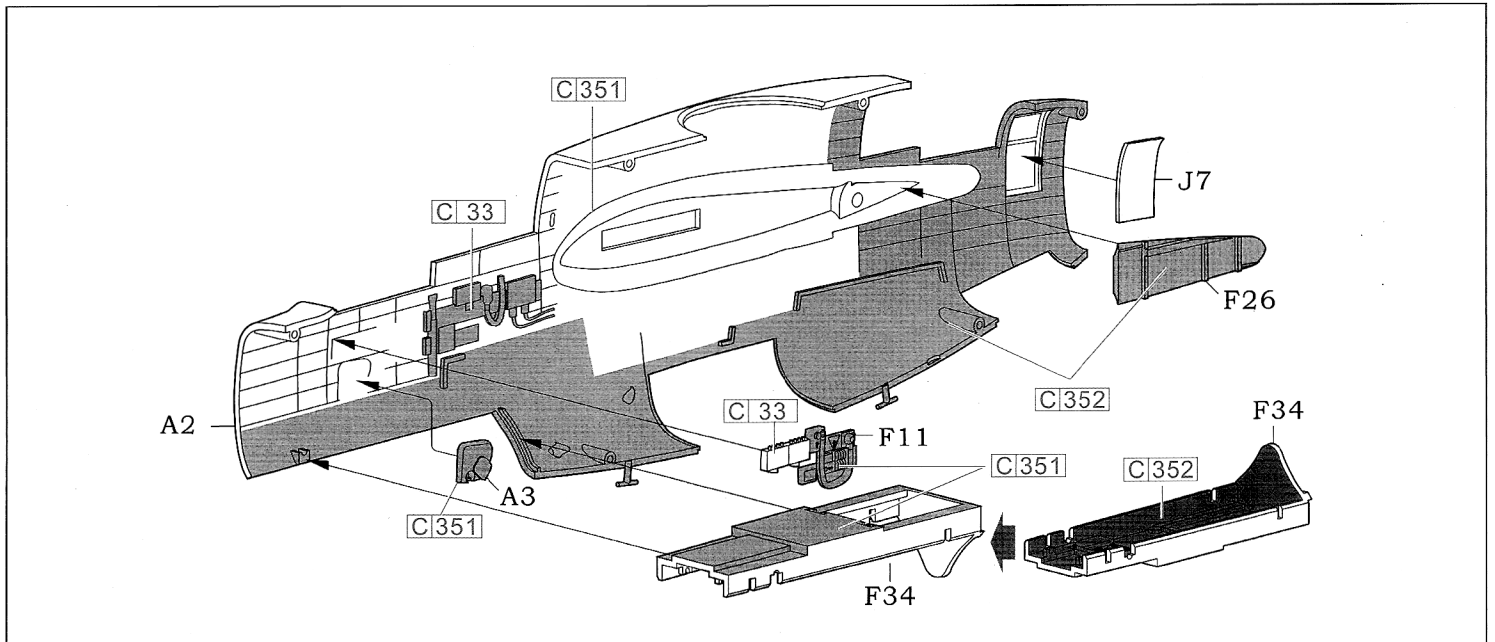
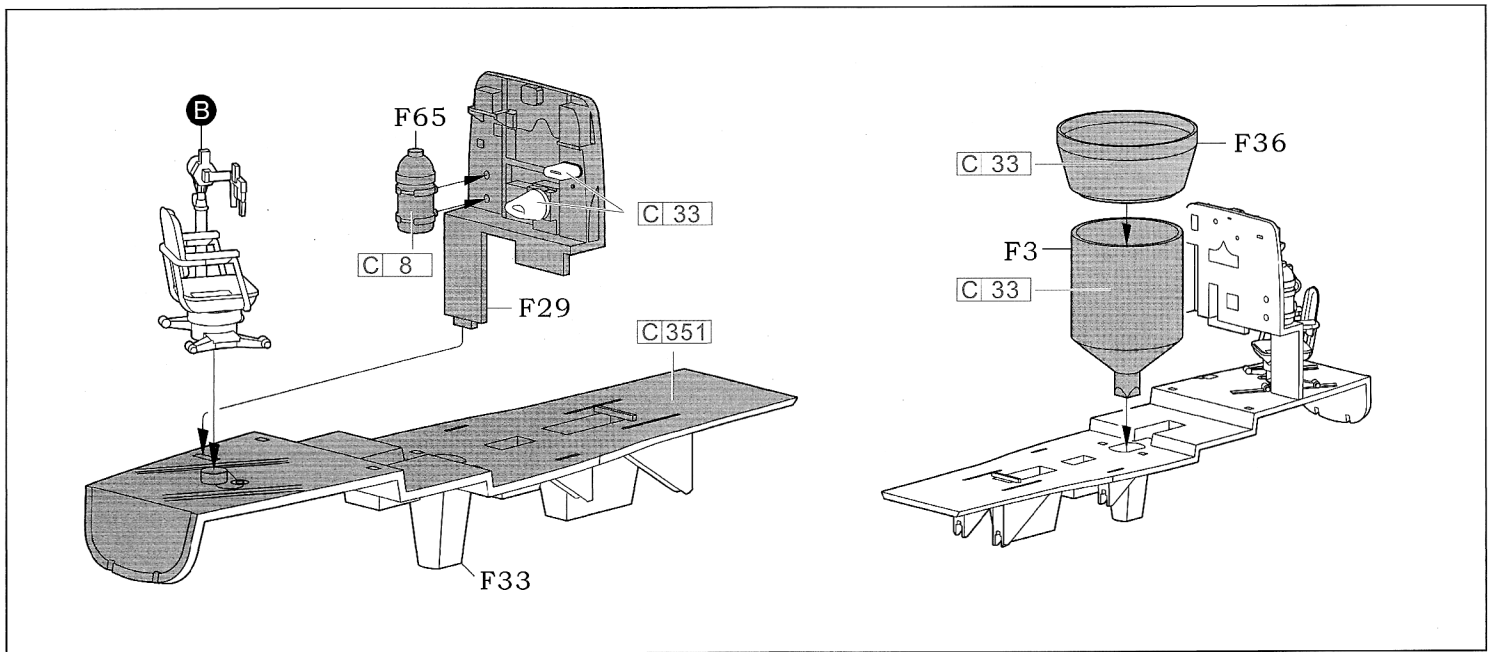
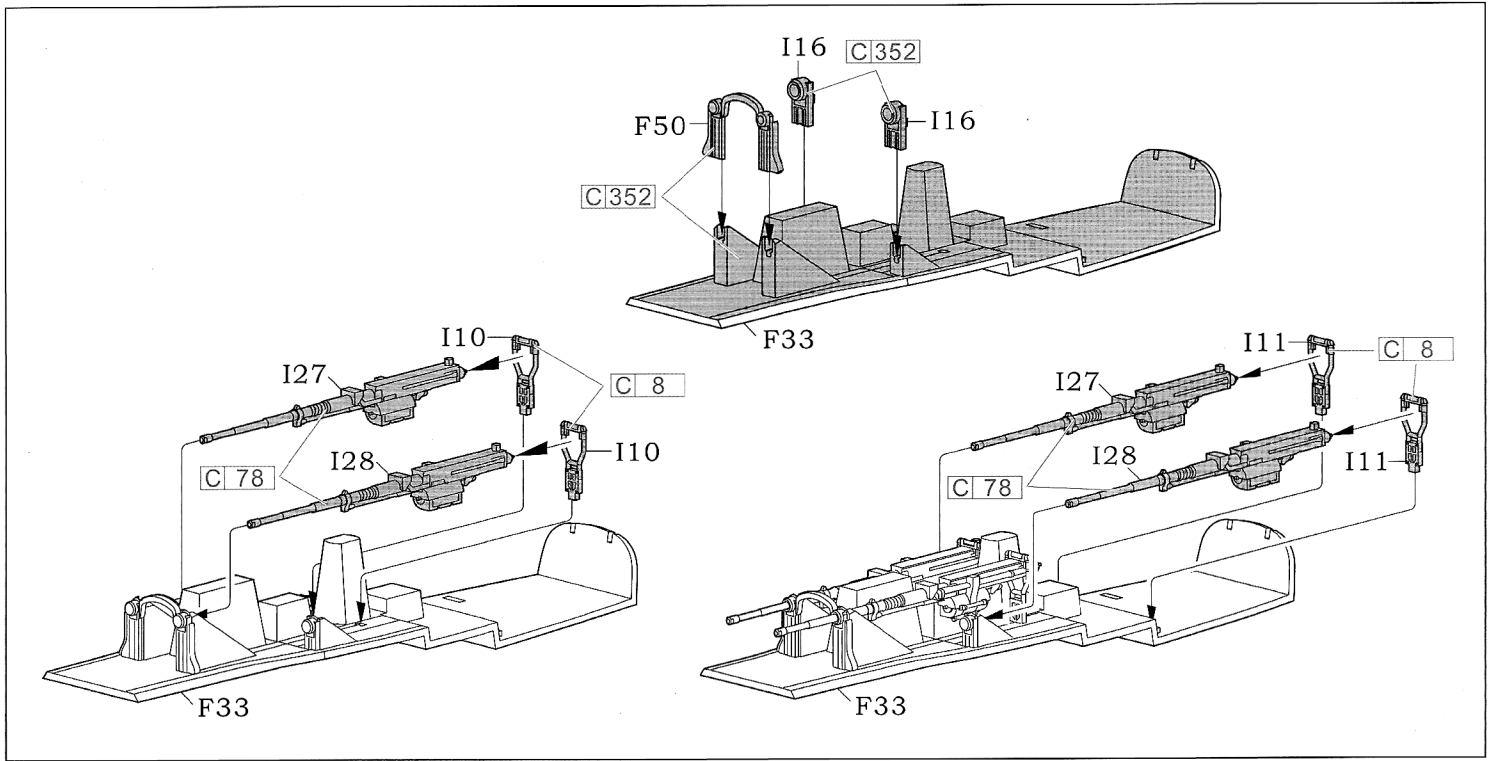


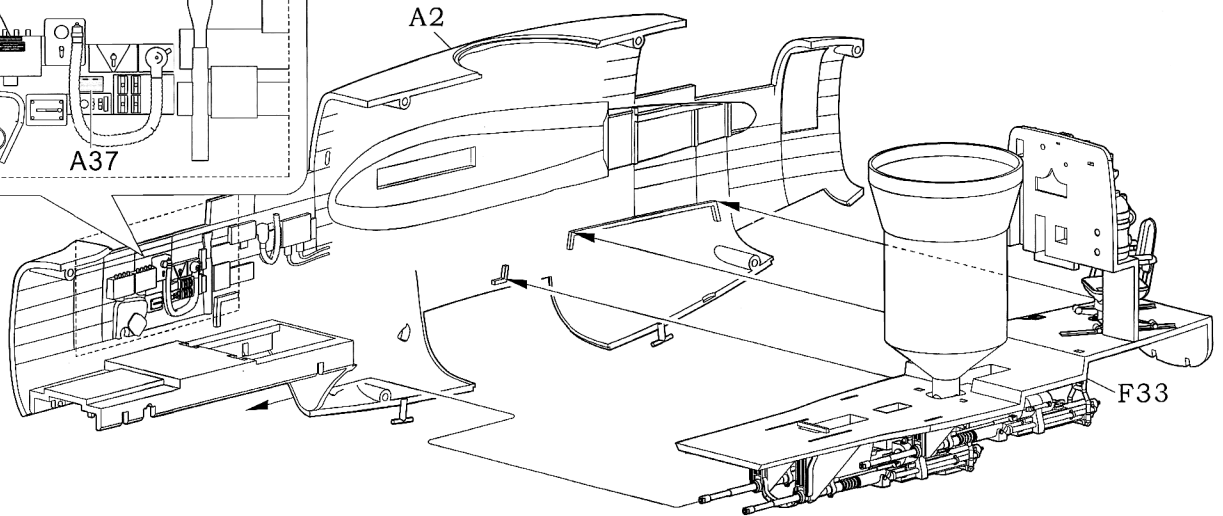
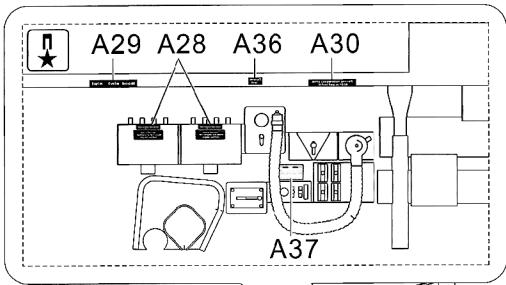
C000 GSI CREOS CORP. HOBBY COLOUR

C 3	926	红色	Red
C 8	997	银色	Silver
C 13	050	中灰	Neutral Gray
C 33	073	哑黑色	Flat Black
C 55	988	卡其色	Khaki
C 78	863	金属黑	Metal Black
C 137	862	轮胎黑	Tire Black
C 316	001	白色	White
C 340	967	原野绿	Field Green
C 352		美军机内黄色	Chromate Yellow Primer

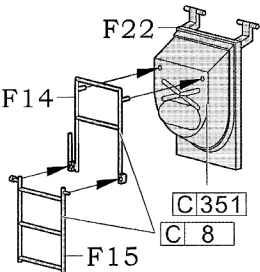
000 VALLEJO

C 4	915	黄色	Yellow
C 12	043	橄榄褐	Olive Drab
C 28	800	黑铁色	Steel
C 47	934	透明红色	Clear Red
C 61	865	烧铁色	Burnt Iron
C 92	057	半光黑	Semi Gloss Black
C 138	936	透明绿色	Clear Green
C 339	994	引擎灰色	Engine Gray
C 351		美军机内绿色	Zinc-Chromate Type I

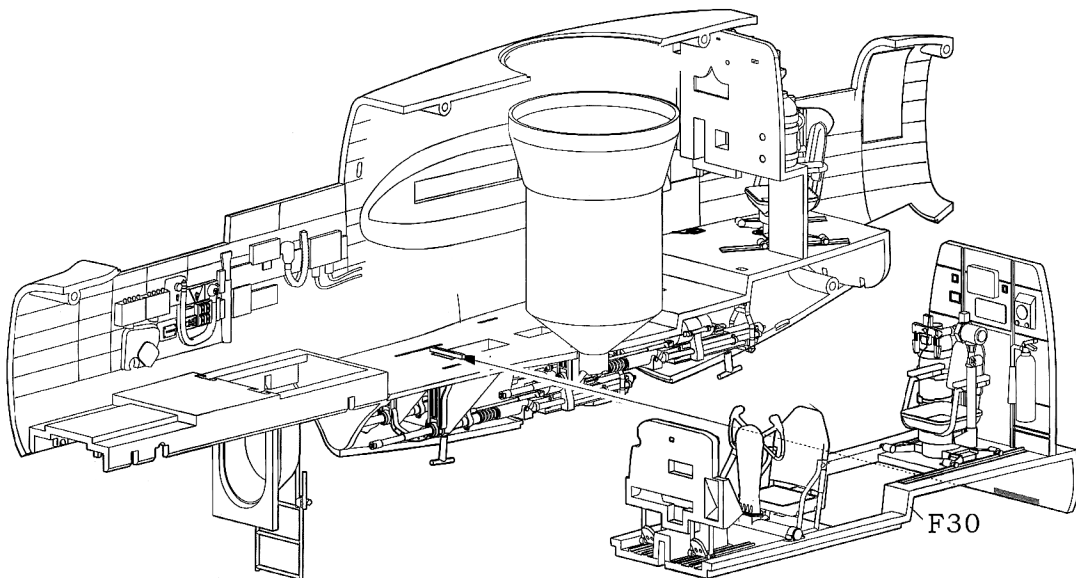
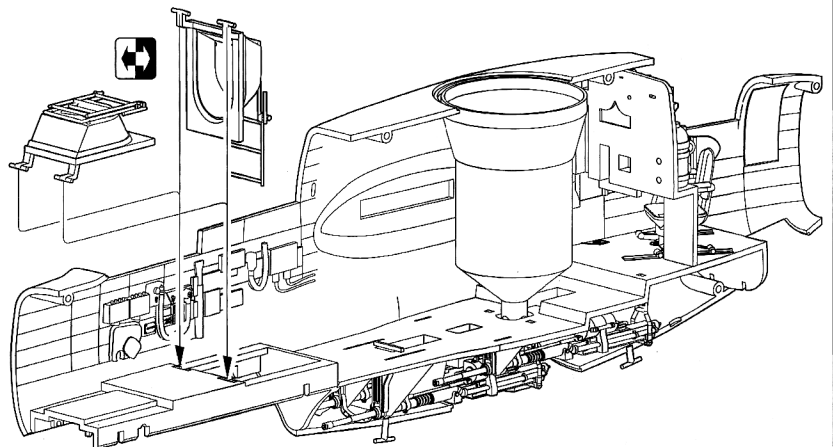
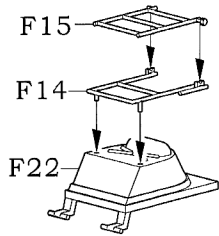


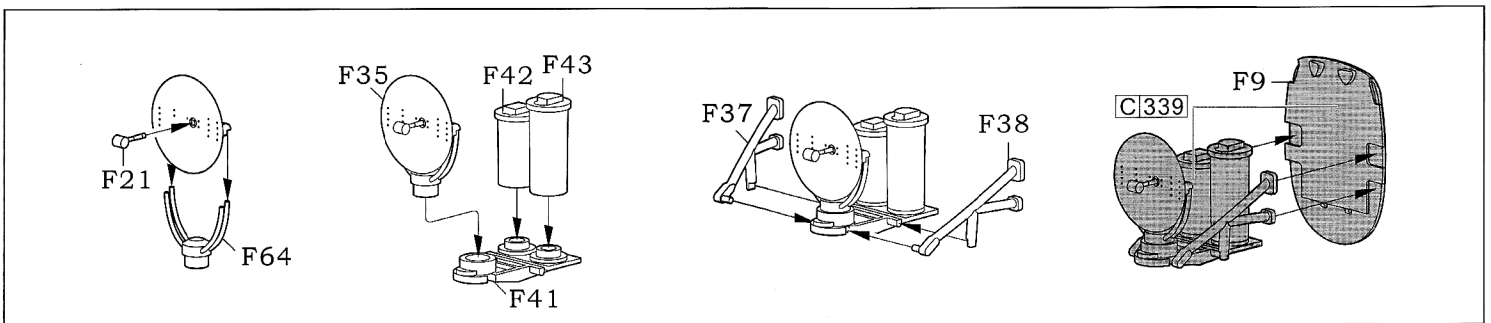
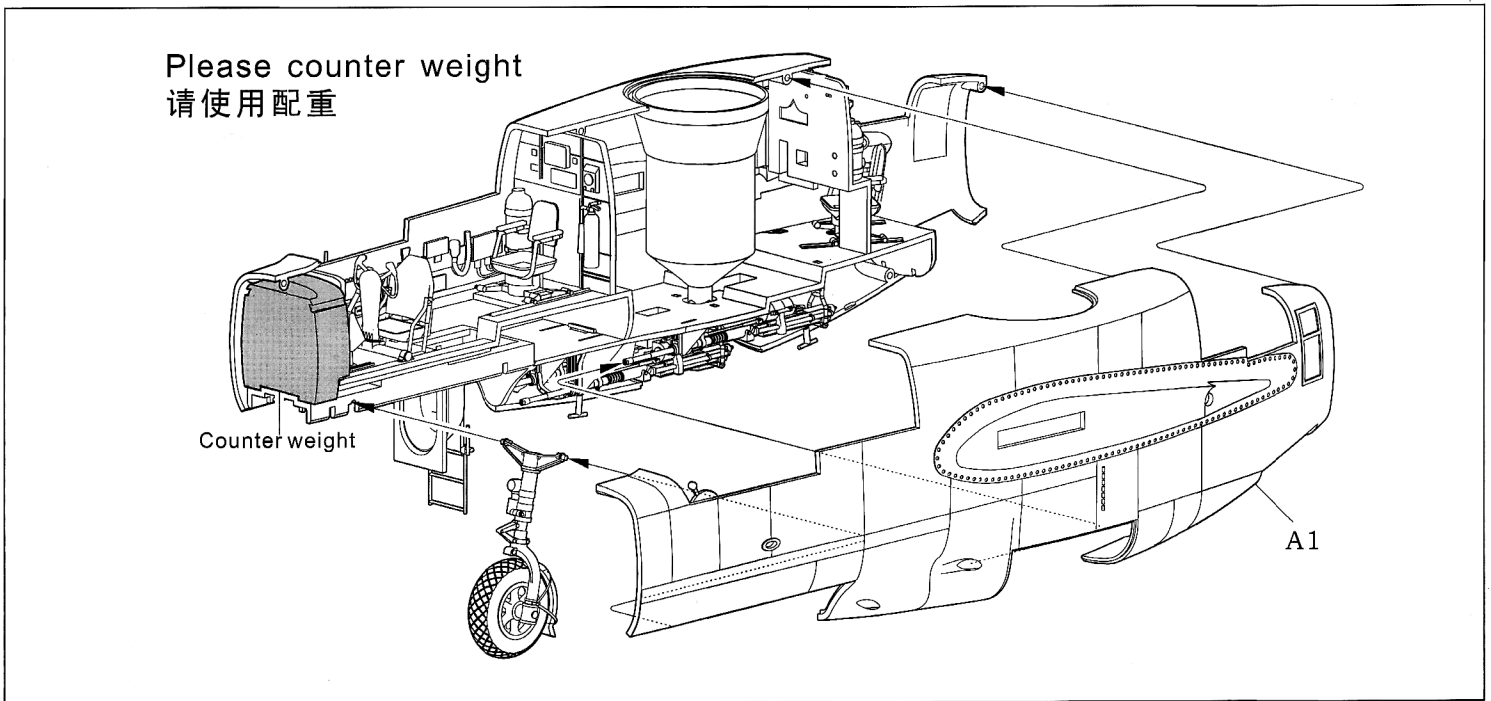
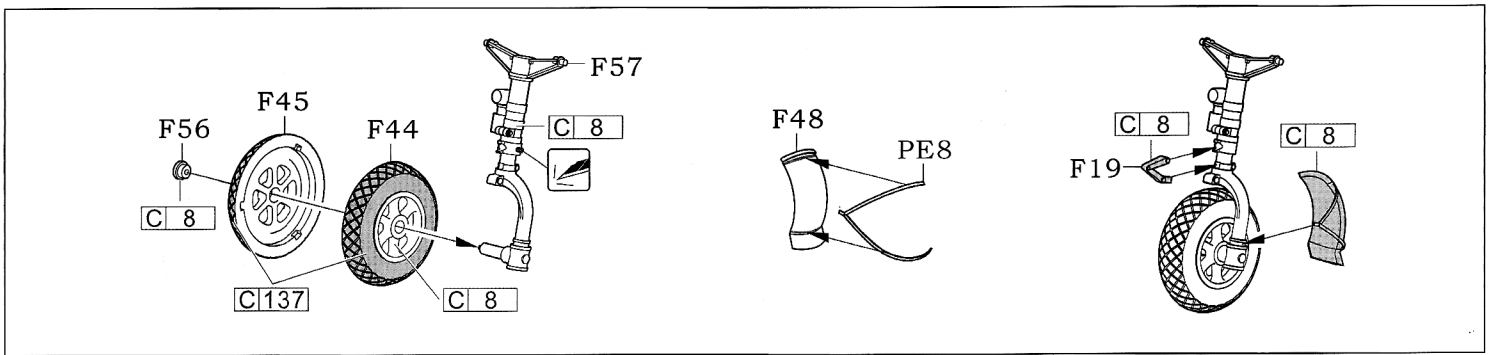
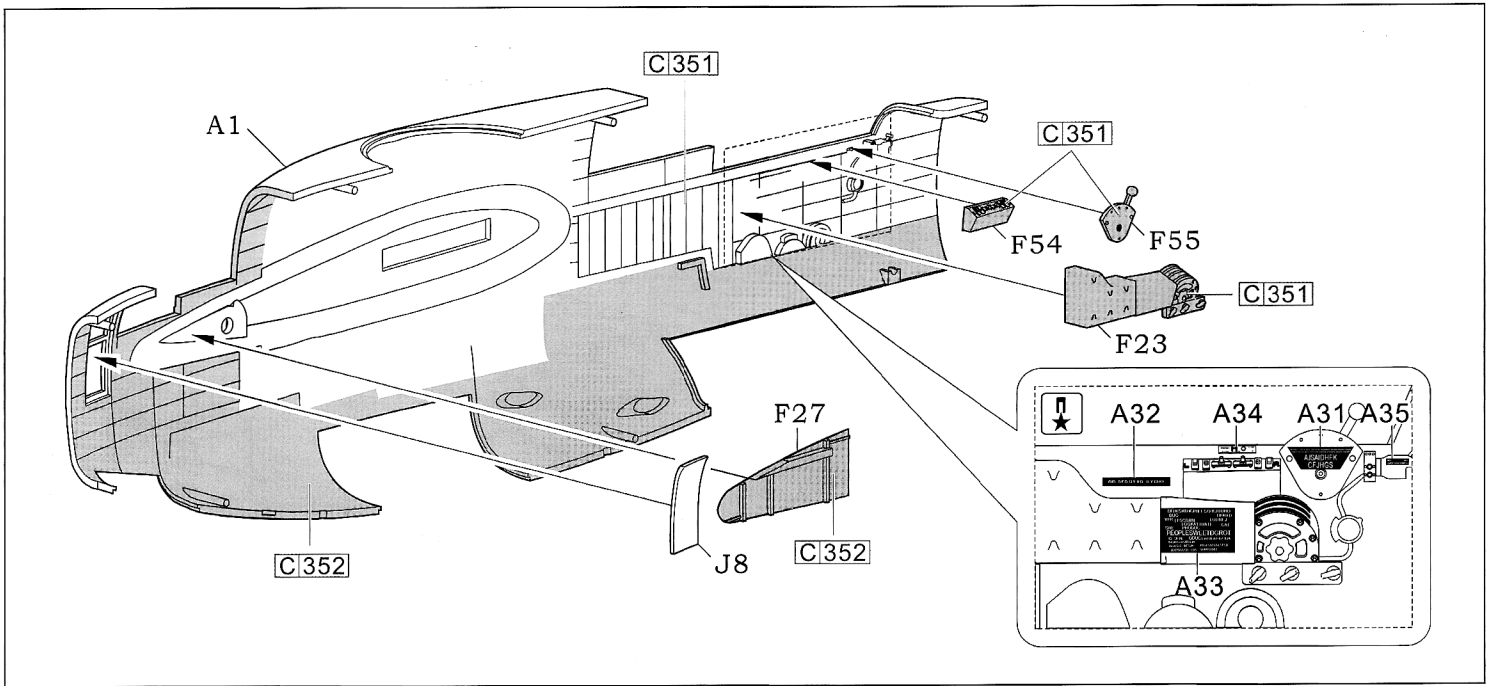


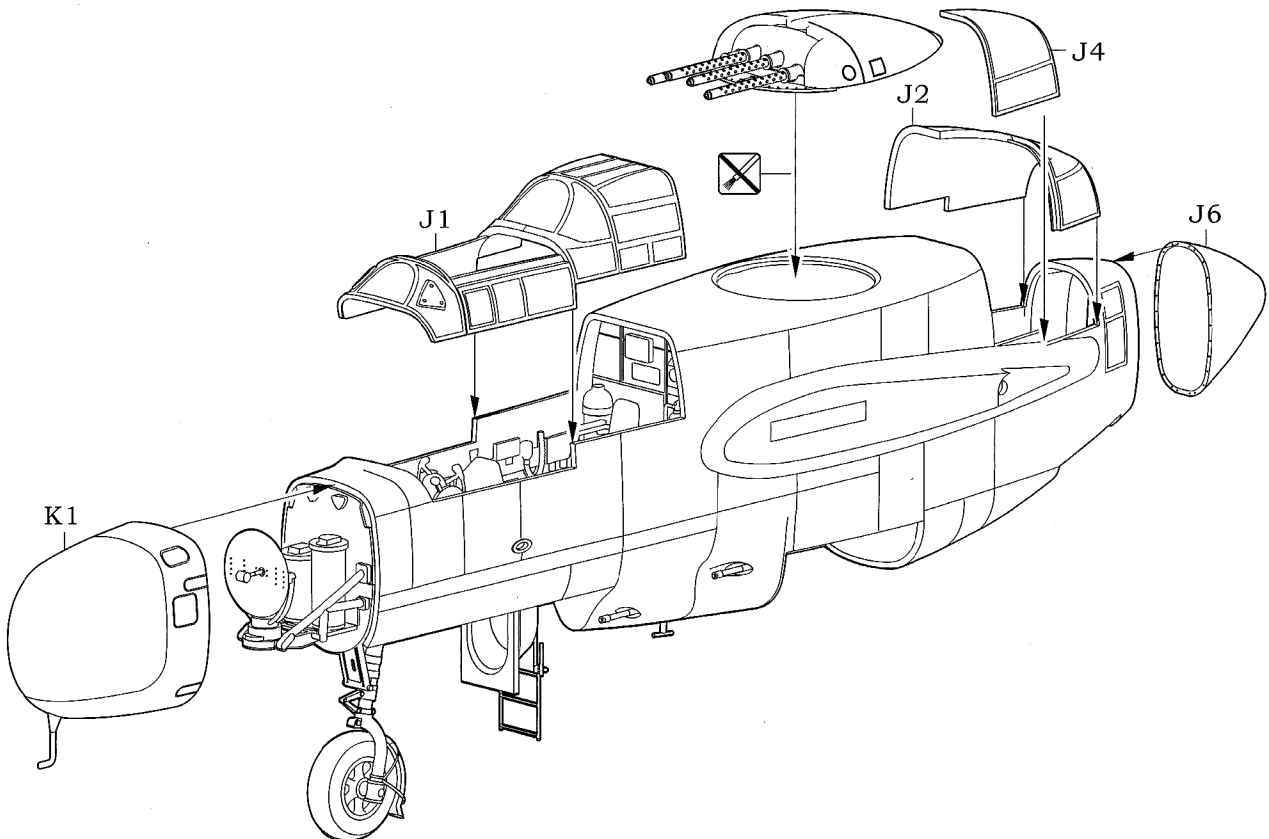
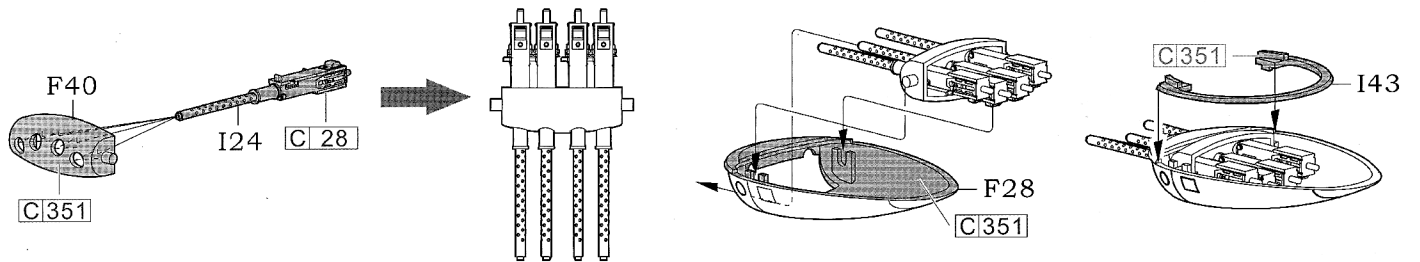
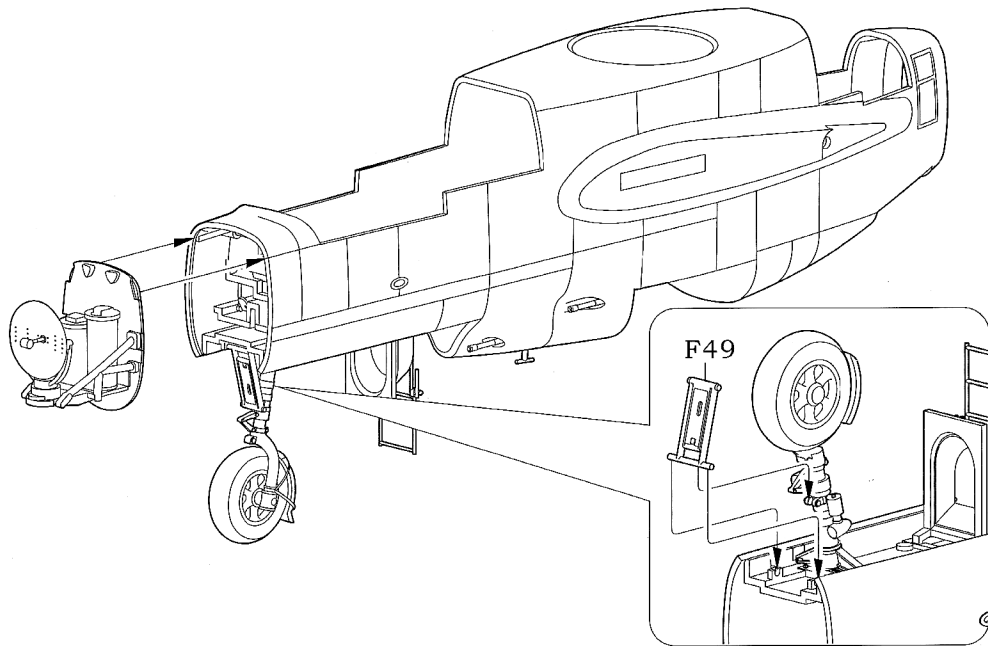
Boarding ladder
opened
登机梯打开状态

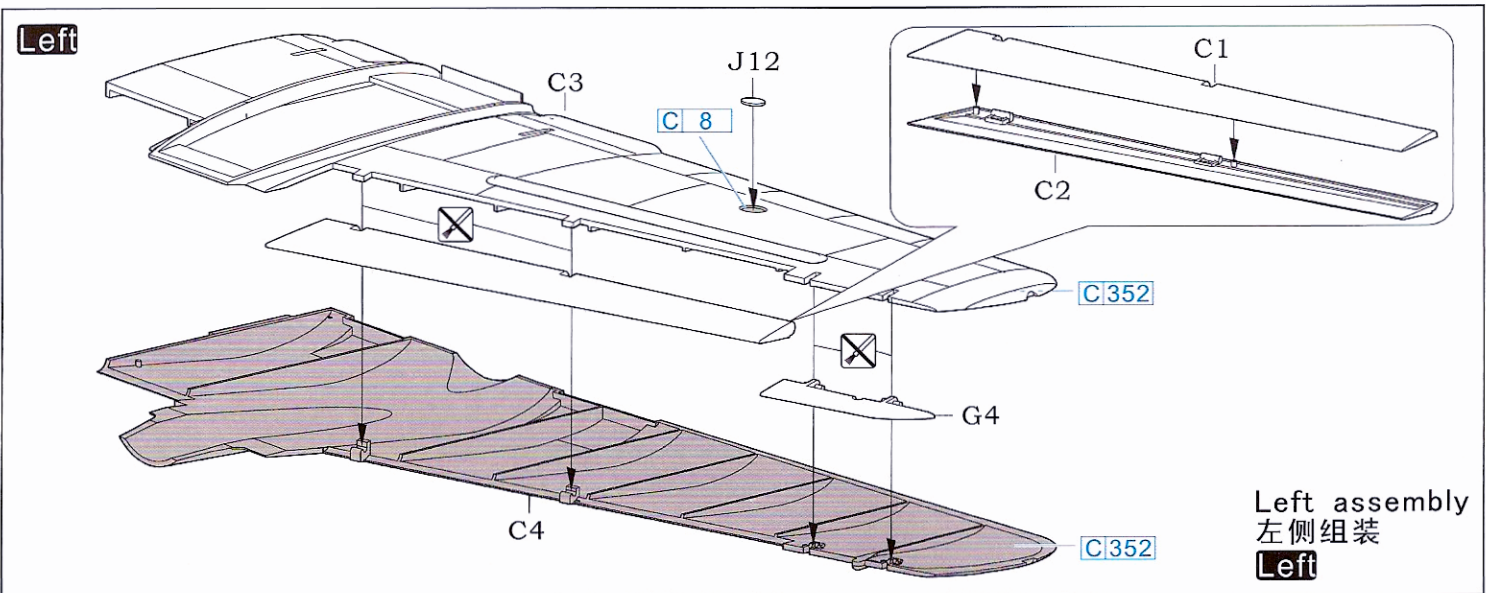
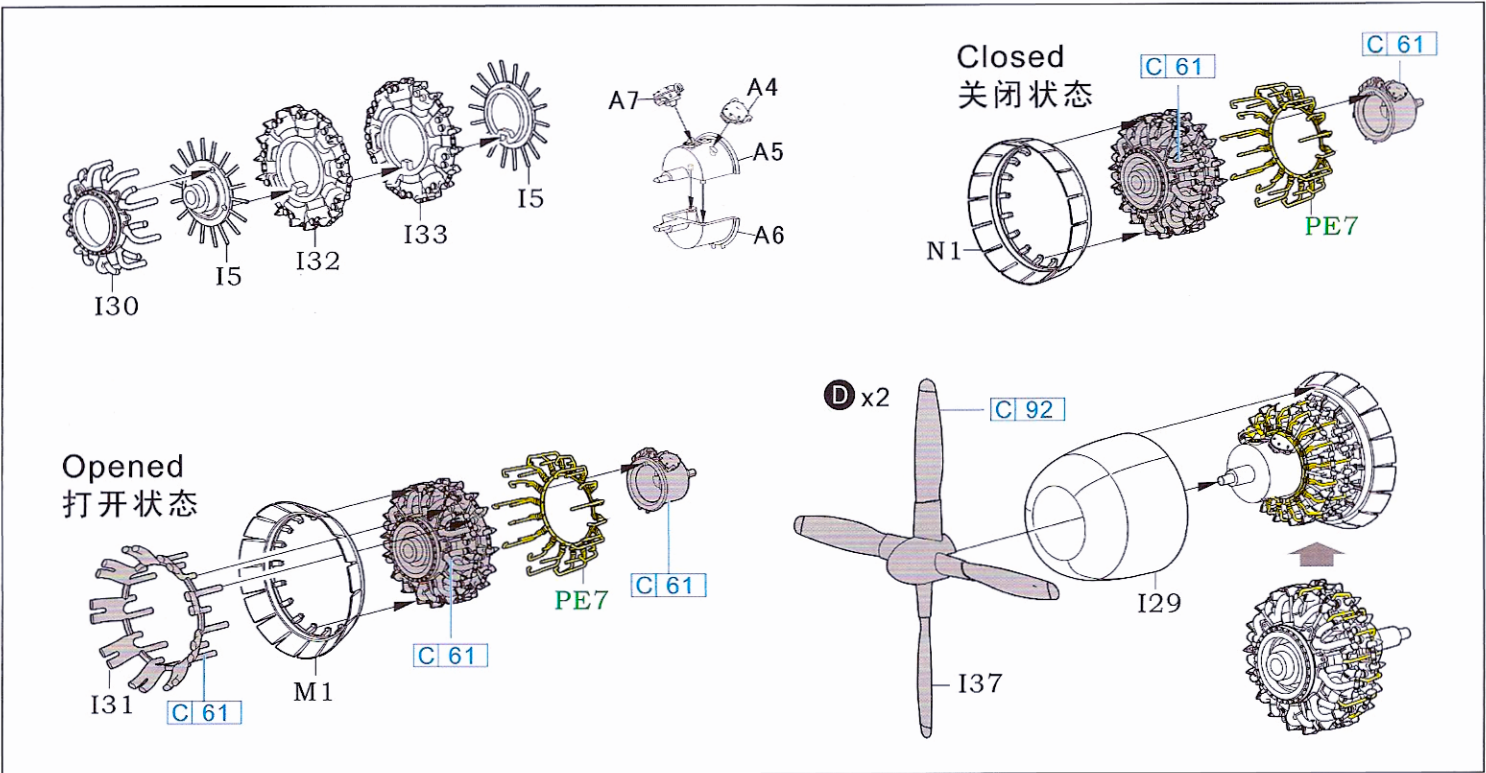
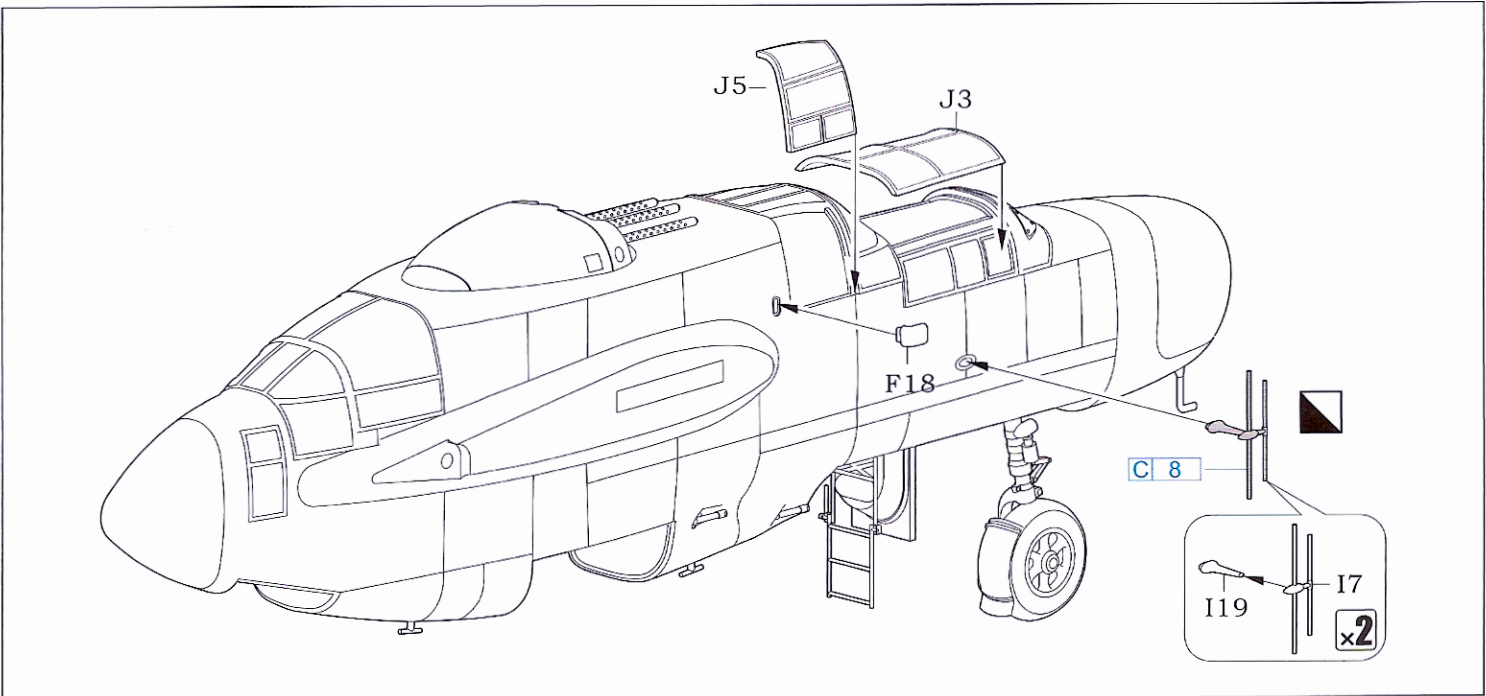


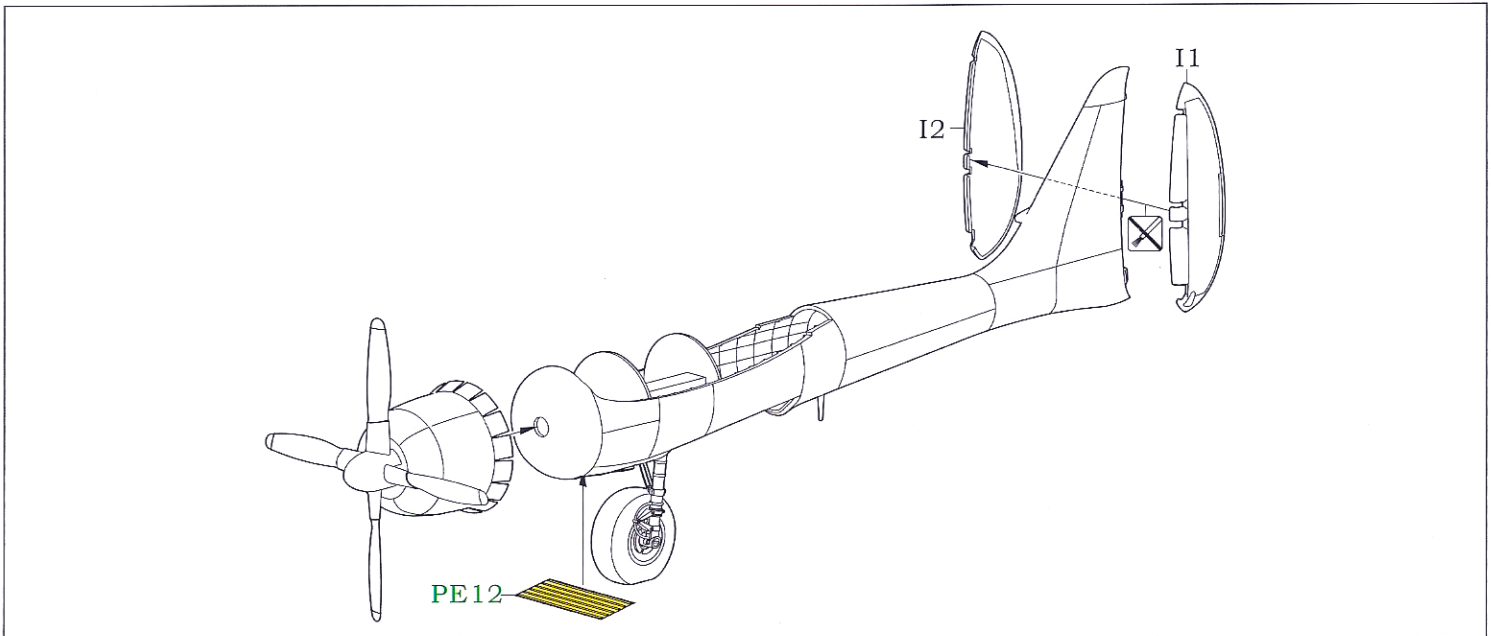
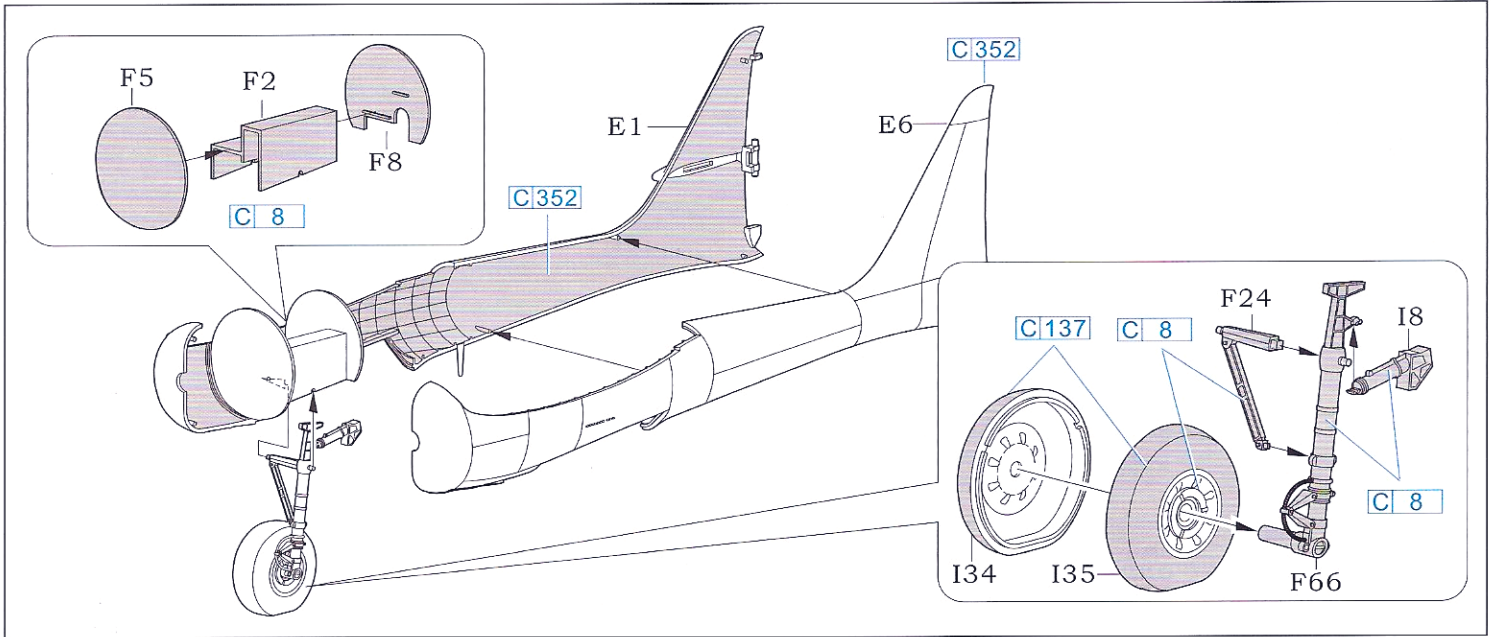
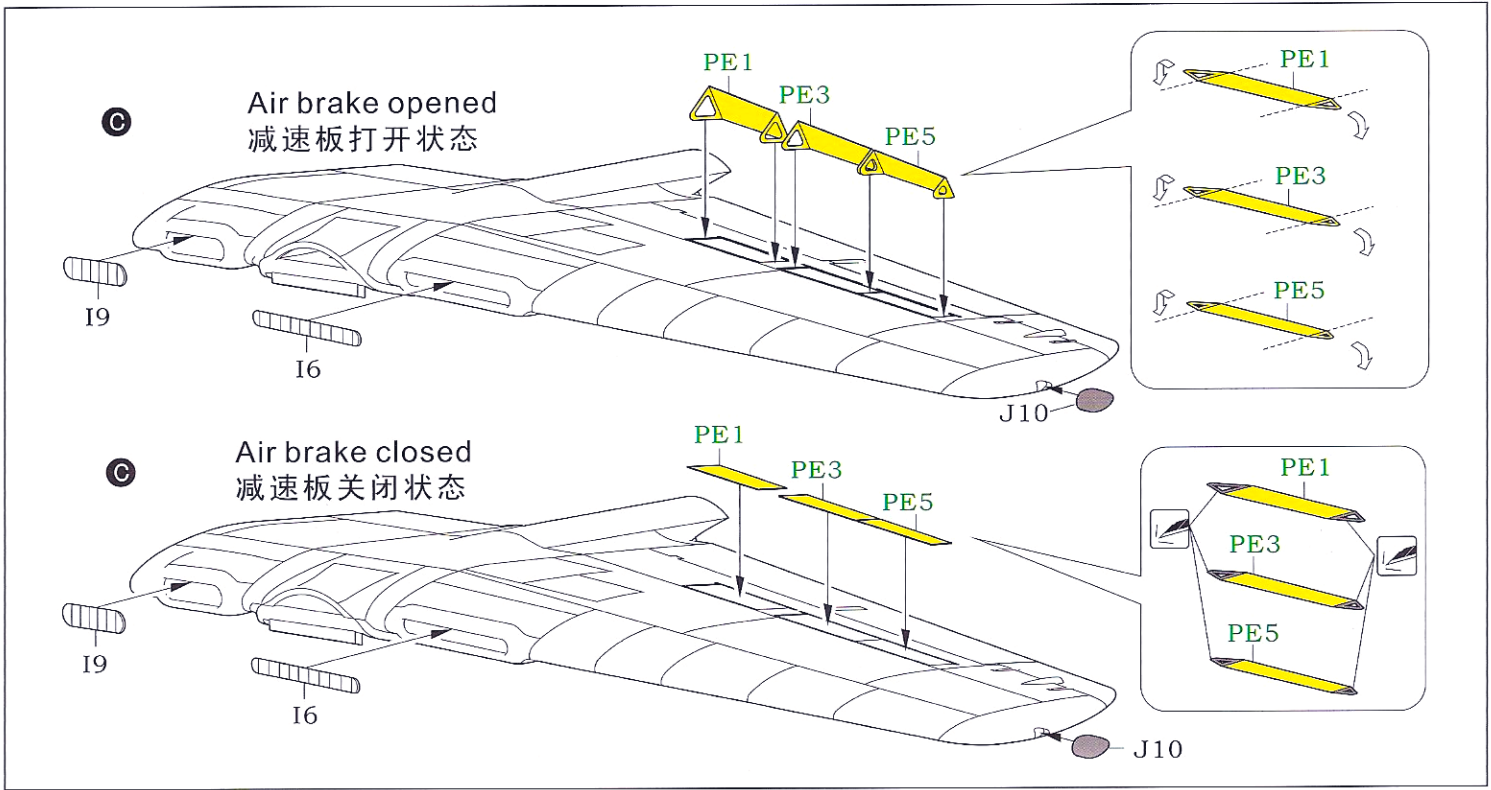
Boarding ladder
closed
登机梯关闭状态

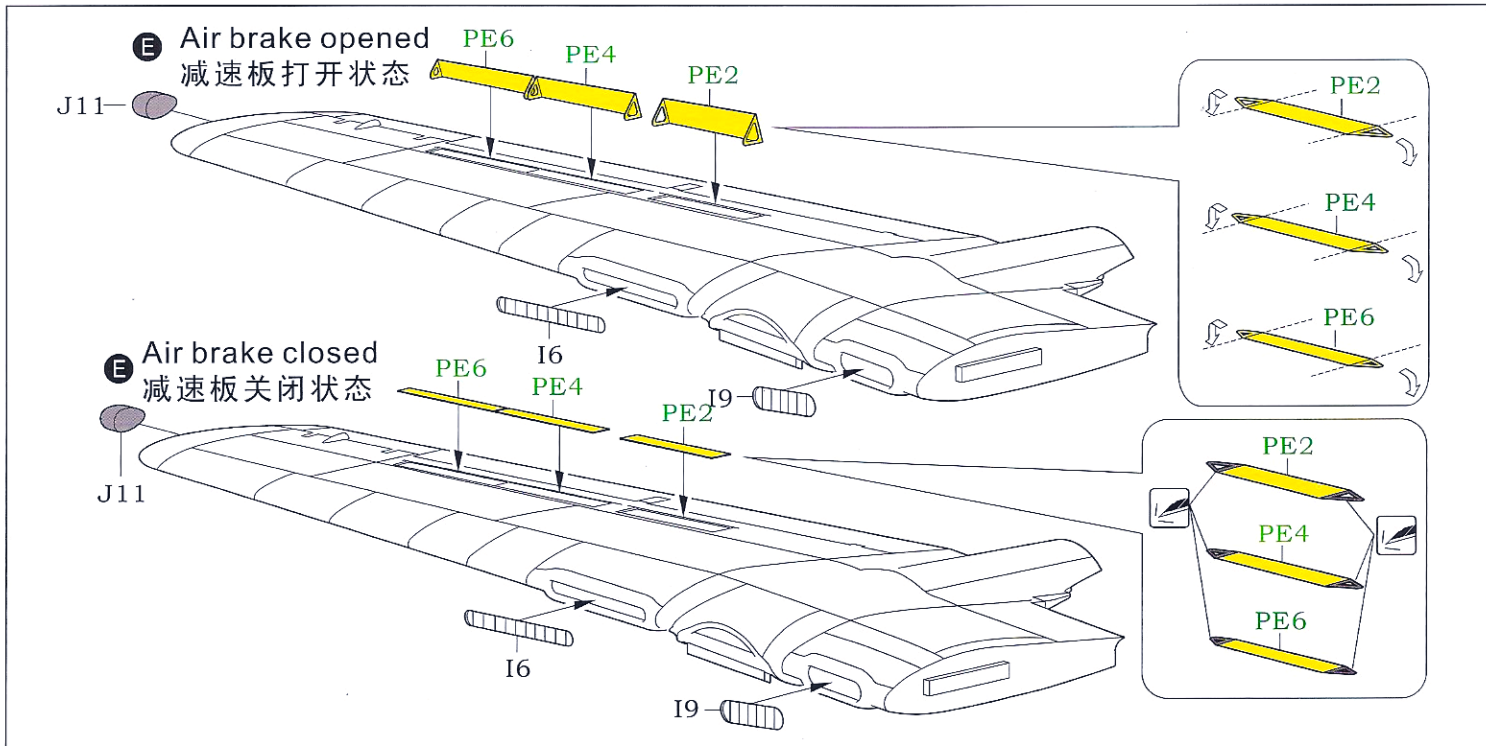
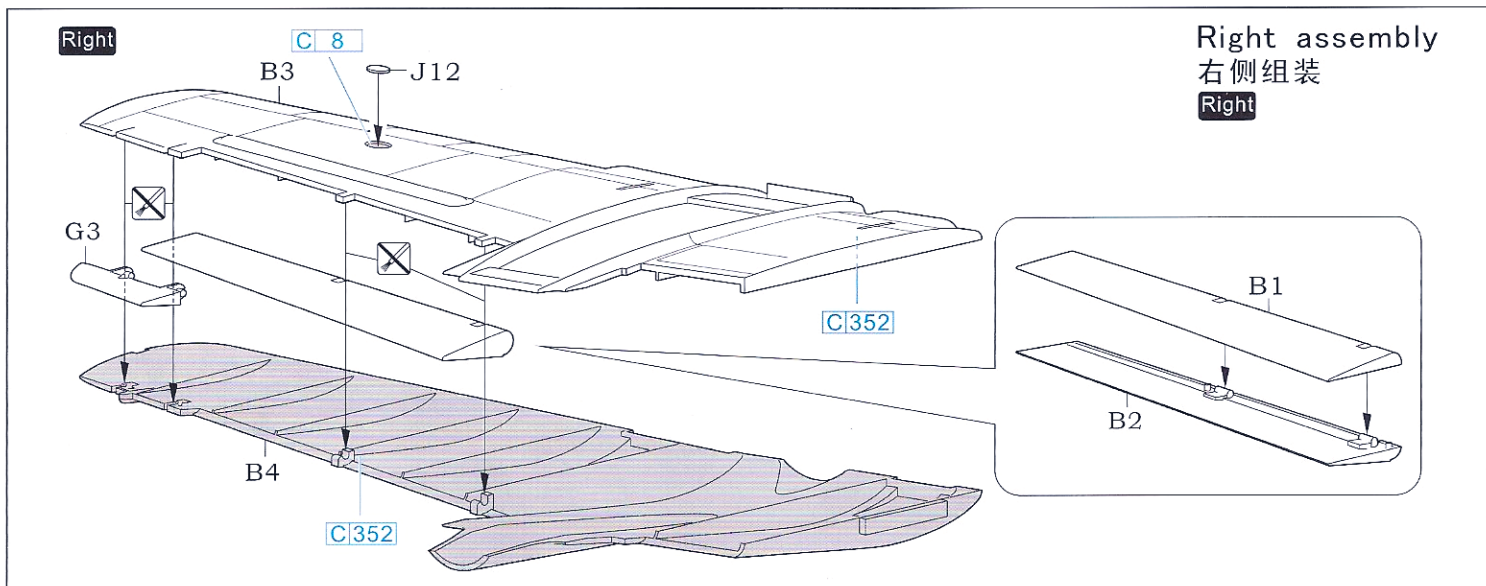
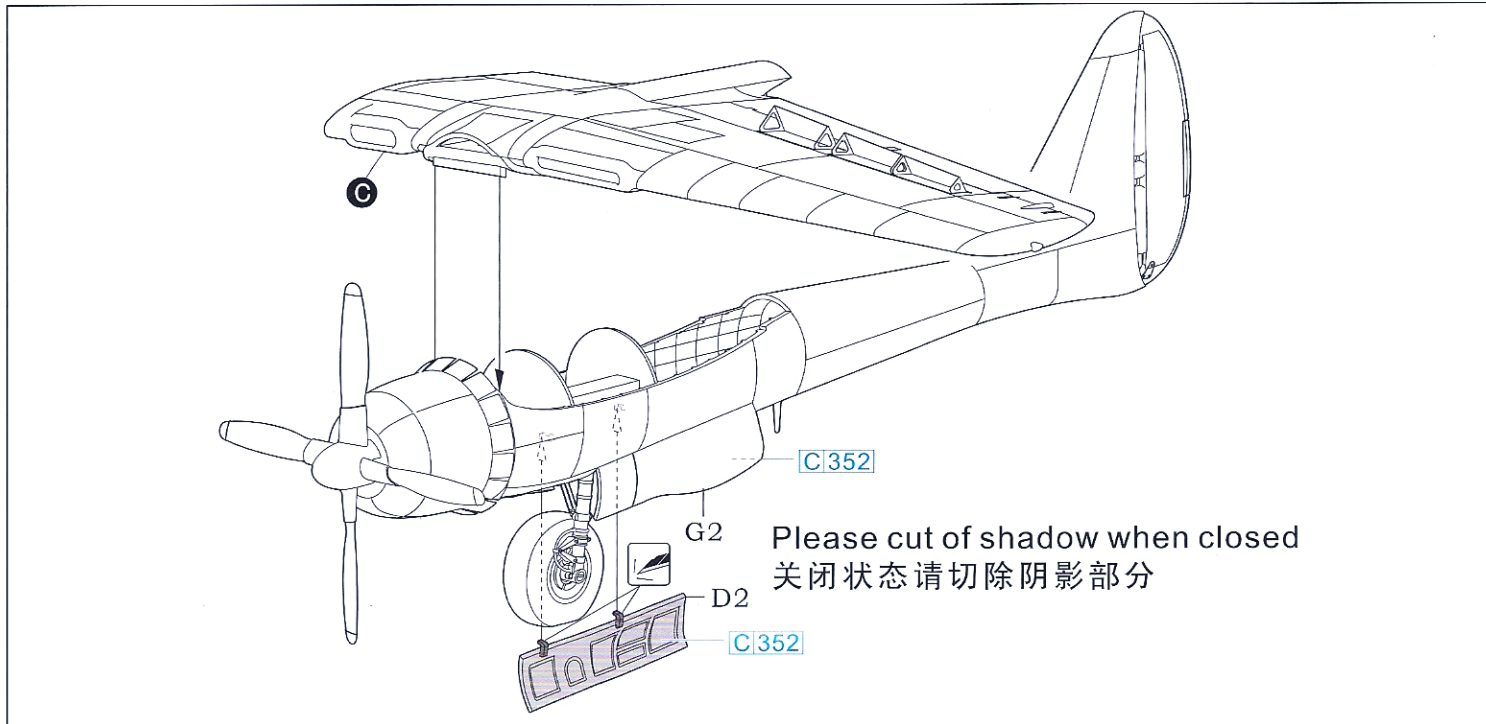


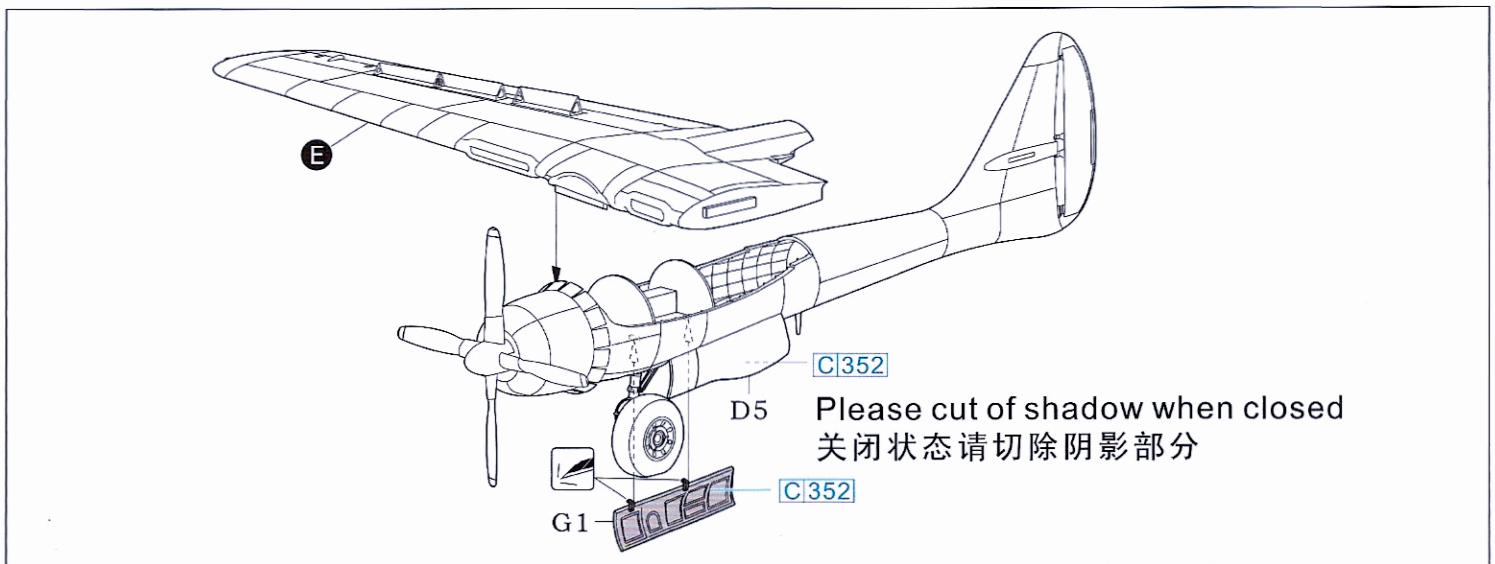
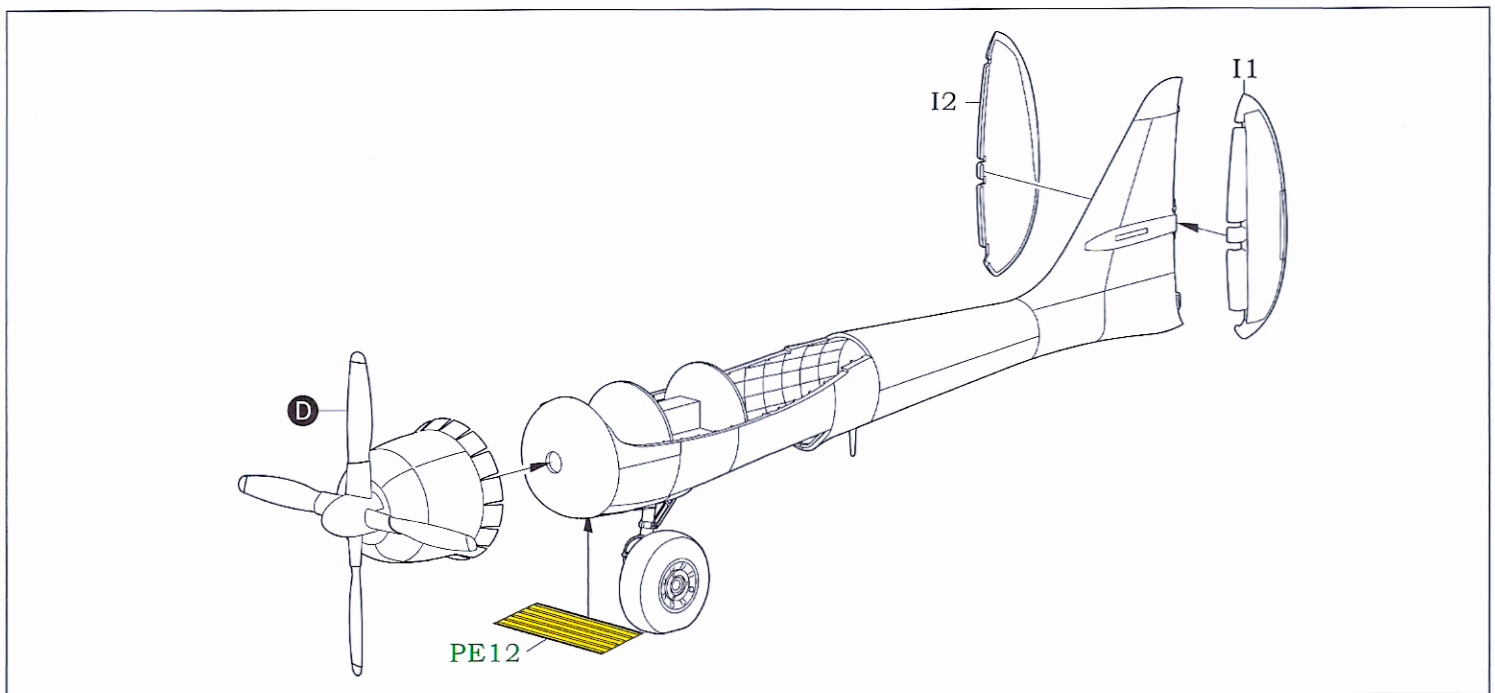
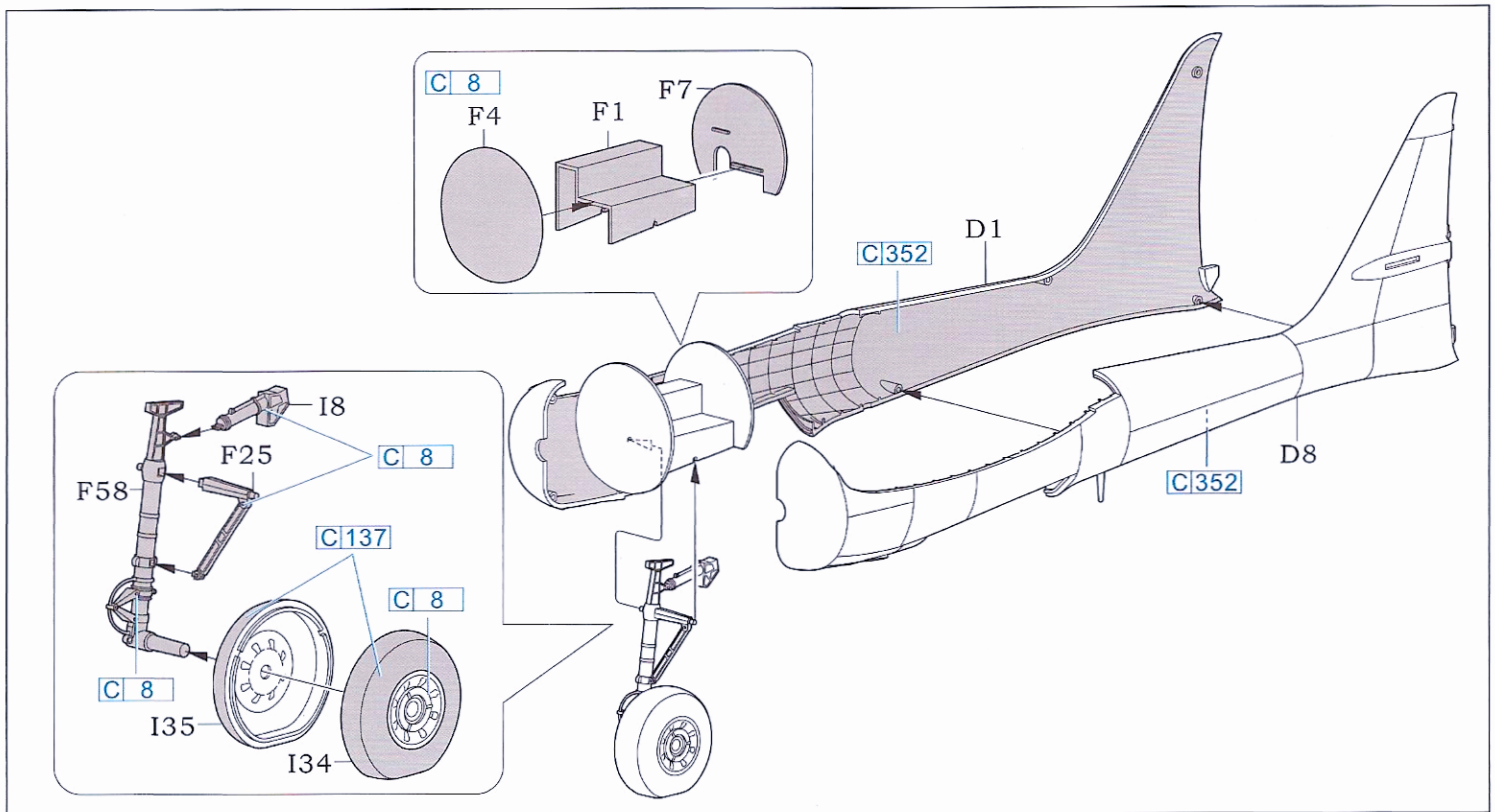


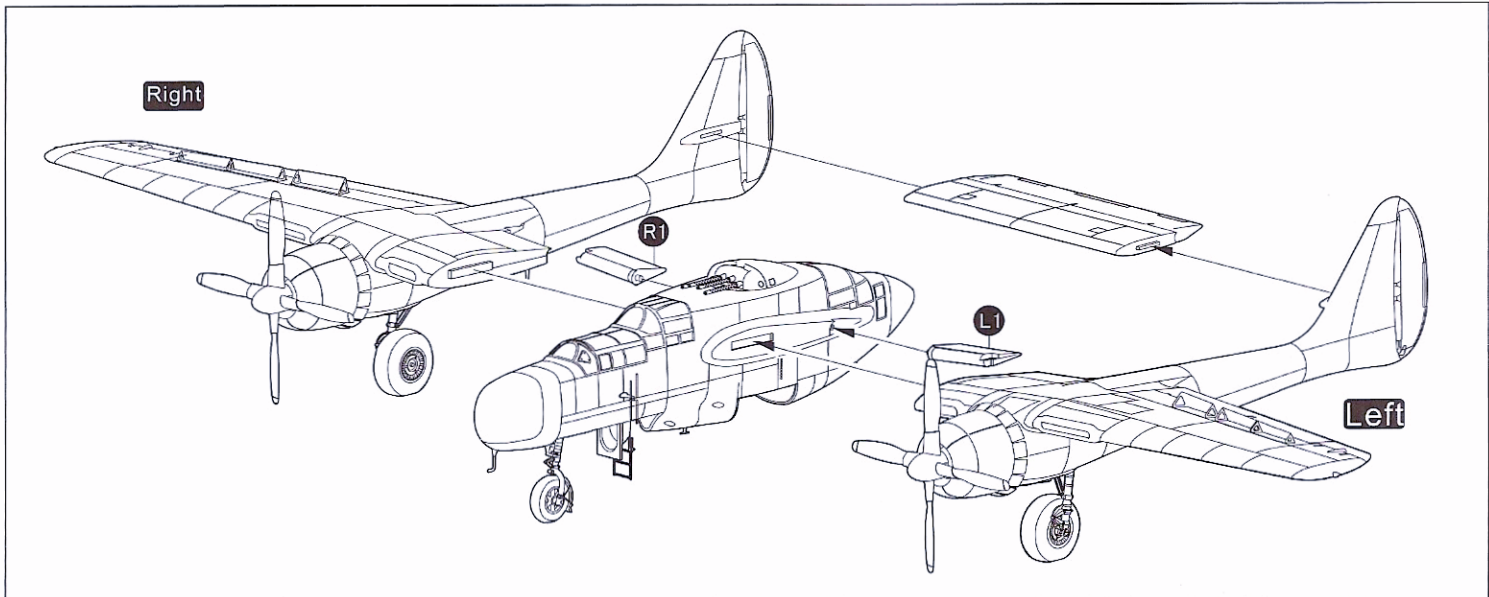
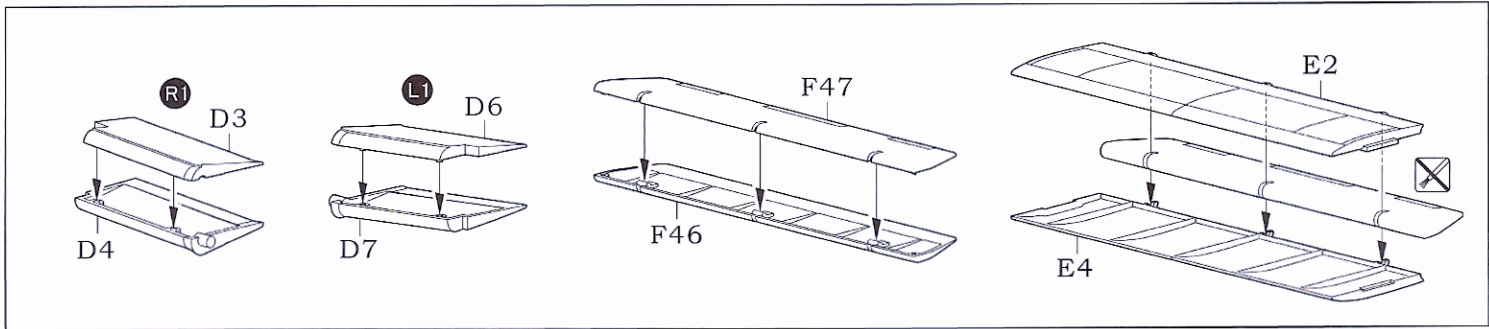




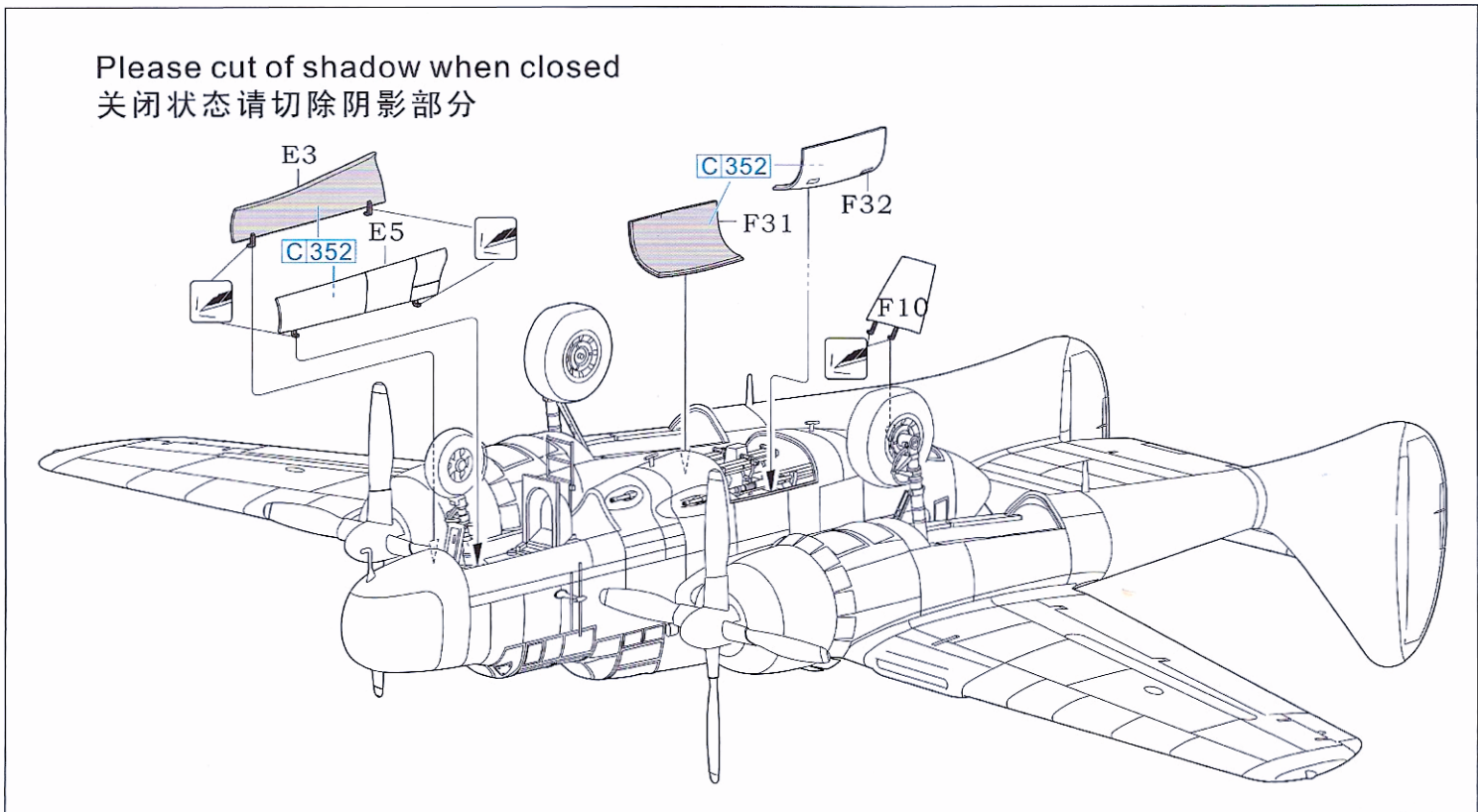






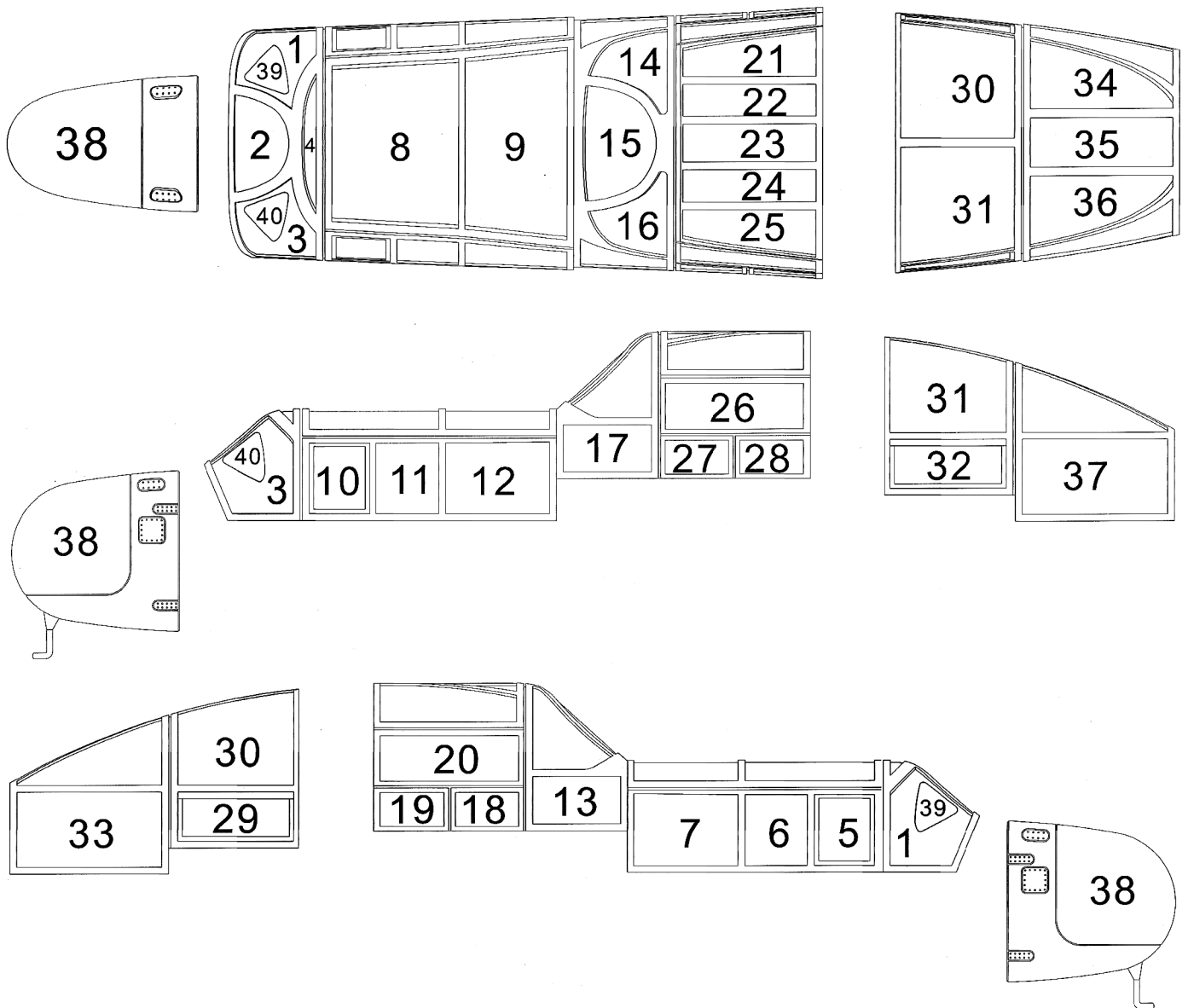
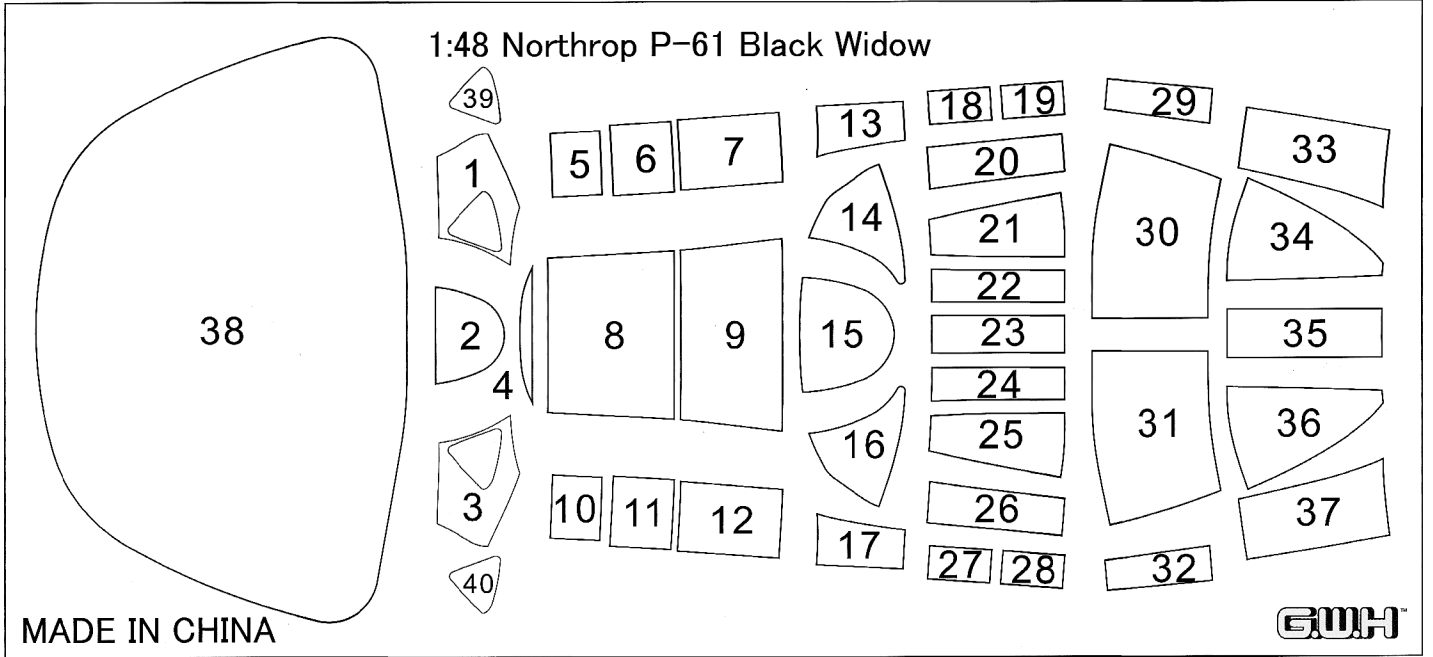


Please cut of shadow when closed
 关闭状态请切除阴影部分

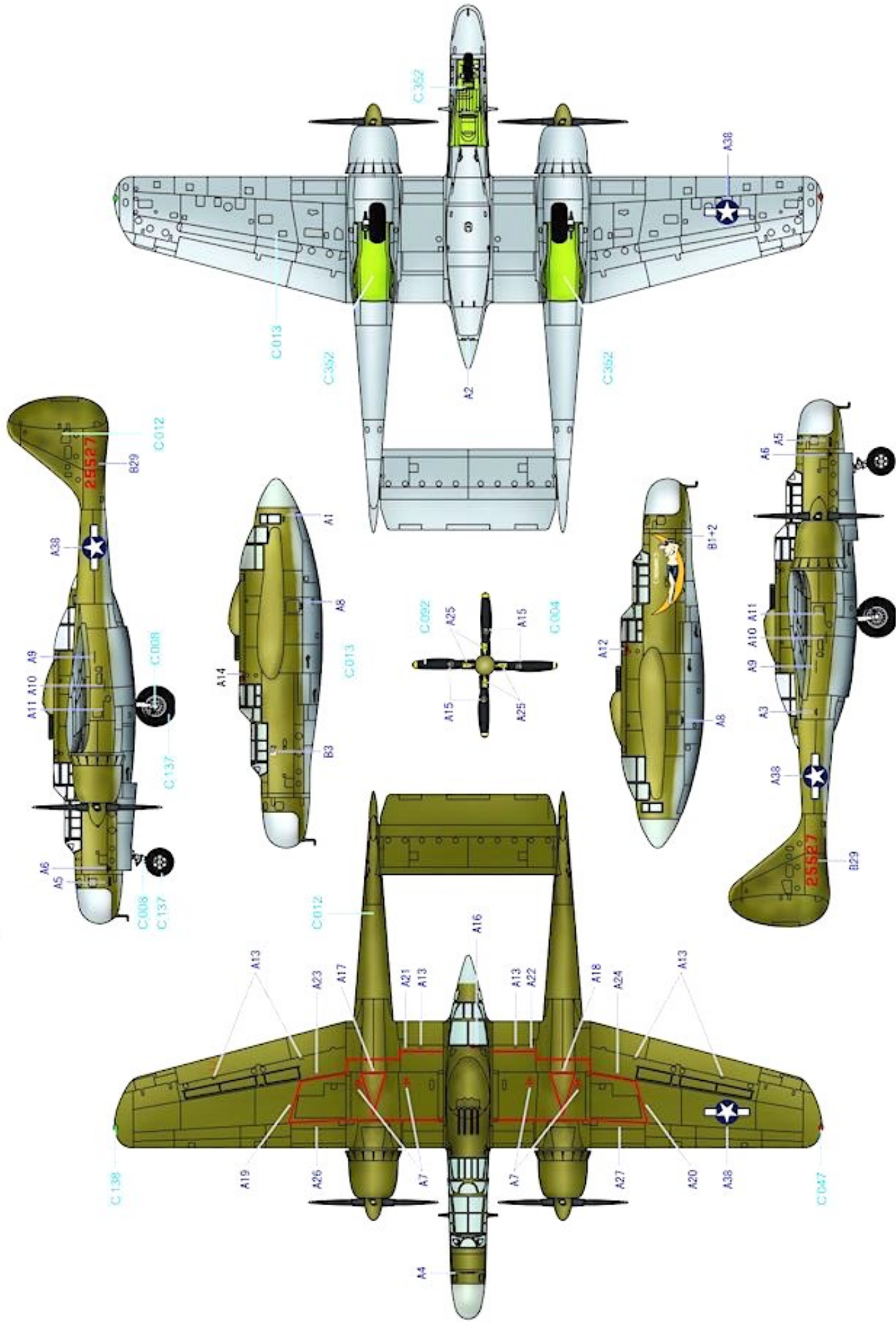


canopy mask

窗贴



P-61A "MOON HAPPY", Saipan, 1944



2 P-61 A "THE VIRGIN WIDOW", Saipan, December, 1944

