



1:72 de Havilland Mosquito PR.XVI

A04065 SCALE MODEL CONSTRUCTION KIT | Wingspan: 229mm Fuselage Length: 174mm | Two Decal Schemes Included

EN Without doubt, the Mosquito's greatest attribute was its speed and even though it was developed as a high-speed, unarmed bomber, the sheer fact it could outpace fighter aircraft of the day made it an attractive proposition to those in the military charged with obtaining photographic intelligence of potential enemy targets. It is interesting to note that the second Mosquito prototype aircraft to begin construction was a photo reconnaissance variant and indeed, the first Mosquito to be taken on charge by the RAF was a PR Mosquito, so vital was this work to the British war effort.

The months prior to the D-Day landings saw the introduction of the upgraded Mosquito PR Mk.XVI variant, an aircraft which was the most effective photo reconnaissance aircraft in the skies at that time. Able to fly higher, faster and for longer, these latest reconnaissance Mosquitoes could go anywhere and see everything and the Germans hated them. Specialist Luftwaffe units were established specifically to challenge Mosquito reconnaissance incursions, however, it wasn't until the introduction of rocket and jet powered aircraft that they had much hope of success. Even then, Mosquito crews were well versed in evading interception and continued to bring home their vital tactical imagery

FR La plus grande qualité du Mosquito était sans aucun doute sa vitesse. Même s'il a été conçu comme bombardier rapide non armé, le simple fait qu'il pouvait surclasser en vitesse les avions de chasse de l'époque en faisait un aéronef extrêmement intéressant pour les militaires chargés d'obtenir des renseignements photographiques sur les cibles ennemis potentielles. Il est intéressant de noter que le deuxième prototype de Mosquito qui a commencé à entrer en production était une version de reconnaissance photographique. En effet, le premier Mosquito mis en service dans la RAF était un Mosquito PR, tant cette mission était vitale pour l'effort de guerre britannique. Les mois précédant le débarquement du 6 juin ont vu l'introduction de la version améliorée du Mosquito PR Mk.XVI, qui fut l'avion de reconnaissance photo le plus efficace à cette époque. Capables de voler plus haut, plus vite et plus longtemps, ces derniers Mosquito de reconnaissance pouvaient aller partout et tout voir, et les Allemands les détestaient. Des unités spécialisées de la Luftwaffe ont été créées spécifiquement pour défier les incursions de reconnaissance des Mosquito, mais ce n'est qu'avec l'introduction des avions à moteur fusée et à réaction qu'elles ont pu espérer y parvenir. Même à ce moment-là, les équipages des Mosquito étaient parfaitement entraînés à éviter l'interception et continuaient à rapporter leurs images tactiques vitales.

DE Zunächst als ohne Abwehrbewaffnung gebauter Schnellbomber entwickelt, zeichnete sich die Mosquito zweifellos durch ihre hohe Fluggeschwindigkeit aus. Da sie damit bei ihrer Einführung jedes damals eingesetzte Jagdflugzeug hinter sich lassen konnte, zog sie vor allem auch das Interesse jener militärischer Bedarfsträger an sich, die fotografische Aufklärung über potenzielle Feindziele erhalten wollten. Deshalb war es kaum ein Zufall, dass der zweite gebaute Prototyp der Mosquito eine für Luftaufnahmen bestimmte Aufklärungsvariante war, die dann auch als erste PR Mosquito (PR – Photo Reconnaissance) von der RAF übernommen wurde und in dieser Rolle einen entscheidenden Beitrag zur britischen Kriegsführung leistete.

In den Monaten vor der alliierten Landung in der Normandie wurde die technisch weiter verbesserte Variante PR Mk.XVI eingeführt. Damit verfügten nun die britischen Streitkräfte über das damals effektivste Fotoaufklärungsflugzeug. Die neuesten Mosquitos konnten nun höher, schneller und länger fliegen als jede andere Maschine. Damit konnten sie praktisch überall hin gelangen und waren als „Mosquito-Plage“ für die deutsche Luftverteidigung nahezu unangreifbar. Die Luftwaffe setzte zwar Sonderheiten zur Abwehr von Aufklärungsflügen der Mosquito ein, doch blieben diese Versuche bis zur Einführung von Raketen und Düsenjägern weitgehend erfolglos. Die Besatzungen von Mosquitos hatten jedoch bereits ausreichende Erfahrungen im Auffangen von Angriffen sammeln können und konnten auch weiterhin taktisch wertvolles Bildmaterial bereitstellen.

Specification

Maximum Speed: 415 mph (668 km/h)

Range: 1,300 miles (2,100 km)

Wingspan: 54ft 2 in (16.51m)

Length: 44 ft 6 in (13.56 m)

Spécification:

Vitesse maximale: 668 km/h

Autonomie: 2100 km

Envergure: 16,51 m

Longueur: 13,56 m

Spezifikation:

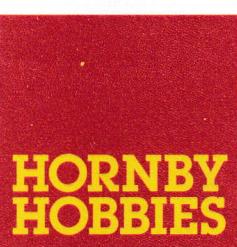
Höchstgeschwindigkeit: 668 km/h

Reichweite: 2100 km

Spannweite: 16,51 m

Länge: 13,56 m

Airfix would like to thank the RAF Museum and Ian Thirsk for their help with the development of this model.



FOR BEST RESULTS:

Surfaces to be painted should be clean – before parts are removed from the sprue, wash in warm, soapy water, rinse and dry thoroughly. Stir paints thoroughly before use.

PLEASE NOTE:

Some parts in the kit may not be required to build the model specified.



Manufactured by: Hornby Hobbies Ltd Westwood, Margate, Kent, CT9 4JX, UK +44(0) 1843 233525 customerservices.uk@hornby.com

EU Authorised Representative: Hornby Italia SRL Viale dei Caduti, 52/A6, Castel Mella (BS), Italy, 25030 +39 0687501292 customerservices.it@hornby.com

ES

Es indudable que el principal atributo del Mosquito fue su velocidad: aún cuando se diseñó como bombardero sin armas de alta velocidad, su capacidad para superar en velocidad a cualquier avión de su época lo convirtió en una propuesta de gran atractivo para los responsables de obtener información fotográfica sobre potenciales objetivos enemigos. Un detalle interesante es que el segundo prototipo del Mosquito que llegó a la fase de construcción fue una variante de reconocimiento y, de hecho, el primer Mosquito que entró en servicio en la RAF fue un Mosquito PR, cuyo papel resultó fundamental en el esfuerzo bélico de Gran Bretaña.

Los meses anteriores al día D fueron testigo de la entrada en funcionamiento de la variante mejorada PR Mk.XVI del Mosquito, un aparato que en su momento fue el más eficaz en el reconocimiento fotográfico aéreo. Los nuevos Mosquitos de reconocimiento, con capacidad para volar más alto, más rápido y durante más tiempo, podían llegar a cualquier lugar y verlo todo: los alemanes los odiaban. Se establecieron unidades de la Luftwaffe con el propósito específico de hacer frente a las incursiones de reconocimiento de los Mosquitos, pero con un éxito limitado hasta la introducción de los motores de reacción. Incluso entonces, las tripulaciones del Mosquito eran expertas en evitar la interceptación y siguieron regresando con su vital información táctica.

SV

Mosquitos främsta egenskap är utan tvekan dess hastighet. Trots att det utvecklades som ett snabbt, obeväpnat bombplan, är det faktum att det kunde flyga snabbare än den tidens stridsflygplan en attraktiv egenskap för dem i militären som ansvarade för att ta bilder av potentiella fiendemål. Faktum är att den andra prototypen av Mosquito-planet var en spaningsvariant, och det första Mosquito-planet som RAF tog i tjänst var en PR Mosquito. Så pass viktigt var uppdraget för den brittiska krigsinsatsen.

Månaderna innan landstigningen på D-dagen användes en uppraderad Mosquito PR Mk.XVI-variant, som var det mest effektiva spaningsflyget i luften på den tiden. De nya Mosquito-flygplanen kunde flyga högre, snabbare och längre, vilket innebar att de kunde flyga var som helst. Inget undgick dem och tyskarna hatade dem. Särskilda Luftwaffe-enheter upprättades för att stoppa spaningsuppdrag med Mosquito-plan, men det var inte förrän rakett- och jetdrivna flygplan introducerades som de ens hade en chans. Men även då kunde besättningarna som flög Mosquito ofta undvika tyskarna och fortsatte att föra hem sina viktiga, taktiska bilder.

Especificación:

Velocidad máxima: 668 km/h

Autonomía: 2100 km

Envergadura: 16,51 m

Longitud: 13,56 m

Specification:

Maximal hastighet: 668 km/h

Räckvidd: 2100 km

Spänvidd: 16,54 m

Längd: 13,56 m

ASSEMBLY INSTRUCTIONS

EN Study drawings and practise assembly before cementing parts together. Carefully scrape paint from cementing surfaces. All parts are numbered. Paint small parts before assembly. To apply decals cut sheet as required, dip in warm water for a few seconds, slide off backing into position shown. Use in conjunction with box artwork. Not appropriate for children under 36 months of age, due to the presence of small detachable parts.

FR Étudier attentivement les dessins et simuler l'assemblage avant de coller les pièces. Gratter soigneusement toute la peinture sur les surfaces à coller. Toutes les pièces sont numérotées. Peindre les petites pièces avant l'assemblage. Pour coller les décalcomanies, découper le motif, le plonger quelques secondes dans de l'eau chaude puis le poser à l'endroit indiqué en décollant le support papier. Utiliser conjointement avec les illustrations sur la boîte. Non convaincant pour les enfants de moins de 36 mois – présence de petits éléments détachables.

DE Vor dem Zusammenkleben der Teile die Zeichnungen sorgfältig ansehen und die zu verklebenden Teile zur Vermeidung möglicher Fehler versuchweise zusammenfügen. Dann an den Klebeflächen vorhandene Farbeschichtung vor dem Zusammenkleben vorsichtig abkratzen. Alle Bestandteile sind mit Nummern versehen. Kleine Teile vor dem Zusammenbau bemalen. Abziehbilder wie gewünscht ausschneiden. Vor dem Anbringen einige Sekunden in warmes Wasser tauchen und dann vom Trägerpapier in ihre vorgesehene Position schieben. Dabei die Abbildungen auf der Schachtel beachten. Nicht für Kinder unter 36 Monaten geeignet, da abnehmbare bzw. lose angebrachte Kleinteile enthalten sind.

ES Estudar los dibujos y practicar el montaje antes de pegar las piezas. Raspar cuidadosamente la pintura en las superficies de contacto antes de pegar las piezas. Todas las piezas están numeradas. Es conveniente pintar las piezas pequeñas antes de su montaje. Para aplicar las calcomanías, cortarlas de la hoja, sumergirlas en agua tibia durante unos segundos y deslizarlas a la posición indicada. Utilizar en conjunción con la ilustración de la caja. No es adecuado para niños menores de 36 meses, ya que contiene piezas pequeñas que podrían soltarse.

SV Studera bilderna noggrant och sätt ihop delarna innan du limmar ihop dem. Skrapa försiktig bort färg från limmade delar. Alla delarna är numrerade. Måla smådelarna före ihopsättning. Sätt fast dekalerna genom att klippa året, doppa i varmt vatten några sekunder och läta baksidan glida på plats som bildern visar. Använd enligt bildanvisningarna på kartongen. Recomenderas ej för barn under 3 år. Innehåller löstagbara smådelar.

NL Tekeningen bestuderen en delen in elkaar zetten alvorens deze te lijmen. Laak voorzichtig van lijnmalfaken afschrapen. Alle delen zijn genummerd. Kleine delen vóór montage verven. Voor aanbrengen van stickers, gewenste stickers uit het vel knippen, een paar seconden in warm water dompelen en dan van het schutblad af op afgebeelde plaats schuiven. Hierbij afbeelding op doos raadplegen. Niet geschikt voor kinderen onder 3 jaar, omdat kleine delen gemakkelijk kunnen losraken.

PO Przed przystąpieniem do klejenia przestudiuj uważnie rysunki i przećwiczkę składankę części. Ostrożnie zeskrob ze sklejanych powierzchni farbę. Wszystkie części są ponumerowane. Drobne części pomaluj przed ich złożeniem. Celem przeniesienia kalkomanii wtyń ją z arkusza, zanurz na kilka sekund w letniej wodzie i zsuni z podłoża na wymagane miejsce. Używaj w połączeniu ze wzorami na pudełku. W związku z obecnością wielu drobnych, rozberialnych części, nieodpowiednie dla dzieci ponizej 3 lat.

IT Studiare i disegni ed esercitarsi a montare i vari pezzi prima di fissarli con la colla. Raschiare con cura le tracce di vernice dalle superfici da incollare. Tutti i pezzi sono numerati. Verniciare i pezzi di piccole dimensioni prima di montarli. Per applicare le decalcomanie, ritagliare il foglio nel modo richiesto, immergere in acqua calda per alcuni secondi, quindi staccare la decalcomania dalla carta di supporto e posizionarla nel punto desiderato. Usare le decalcomanie come indicato nell'illustrazione riportata sulla confezione. Non adatto a bambini di età inferiore a 36 mesi per la presenza di componenti di piccole dimensioni che potrebbero staccarsi.

PT Estudar atentamente os desenhos e experimentar a montagem. Raspar cuidadosamente as superfícies de modo a eliminar pintura antes de colar. Todas as peças estão numeradas. Pintar as pequenas peças antes de colar. Para aplicar as decalcomanias, cortar as folhas e mergulhar em água morna por alguns segundos, depois deslizar e aplicar no respectivo lugar, como indicado nas ilustrações na caixa. Não convém a uma criança de menos de 36 meses devido à presença de pequenos elementos destacáveis.

EL Μελετήστε προσεκτικά τα σχέδια και συναρμολογήστε για πρώτη φορά τα κομμάτια χωρίς να τα συγκολλήσετε. Αφαιρέστε επιμέλως την πλαστική βαθή από τις επιφάνειες ης οποίες θα συγκολλήσετε. Όλα τα κομμάτια είναι αριθμημένα. Χρηματίστε τα μικρά κομμάτια πριν από τη συναρμολόγηση. Για να κολλήστε τις χαλκομανίες, κούψτε γύρω από το σχέδιο όπως απαιτείται, βιβλώστε το μερικά δευτερόπεπτα σε χιλιό νέρο και μετά ποτεξετήστε το στη δέση που υποδεικνύεται, αφαιρώντας τη μεμβράνη που το καλύπτει. Λάβετε υπόψη σας ταυτόχρονα την εικονογράφηση του κουτιού. Ακατάλληλο για παιδιά ήλικες κάτω των 3 μηνών λόγω ύπαρξης μικρών κομματιών που αποσπώνται.

FI Tutustu piirroksiin ja harjoittele kokoamista, ennen kuin liimataan. Siirry yhteen. Raaputa maali varovasti pois liimattavilta pinnilta. Kaikki osat on numeroidut. Maalaat pienet osat ennen kokoamista. Siirtokuvien kiinnittämiseksi leikkaa ne arkista tarpeen mukaan. Kasta kova lämpimään veteen muutaman sekunnin ajaksi, anna takapuolen kuvalle osoittua kohtaan. Käytetään yhdessä laatuksen kuvitukseen kanssa. Ei suositella alle kolmivuotiaalle lapsille. Paljon irrotettavia pikkuosia.

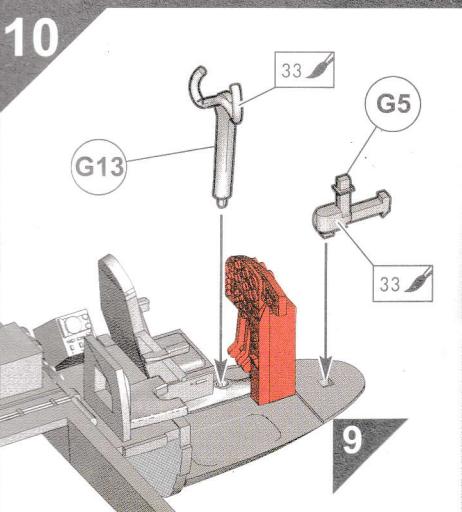
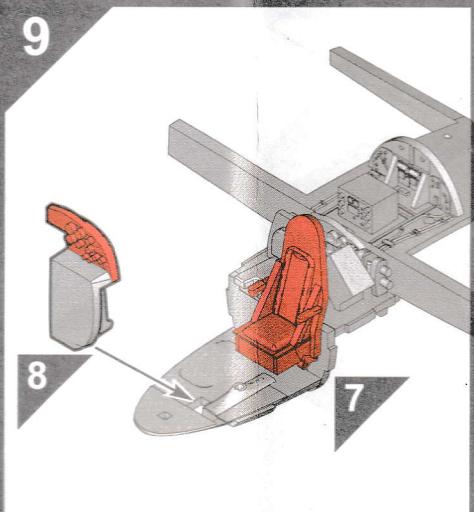
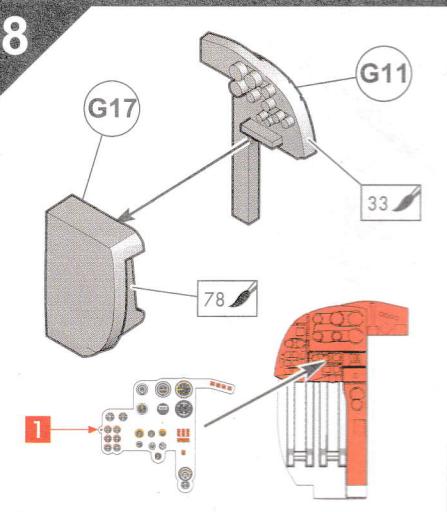
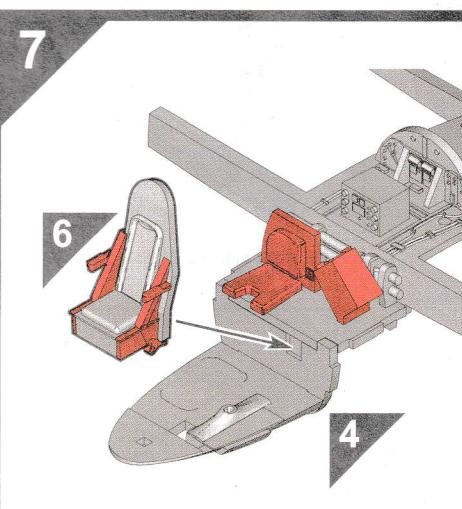
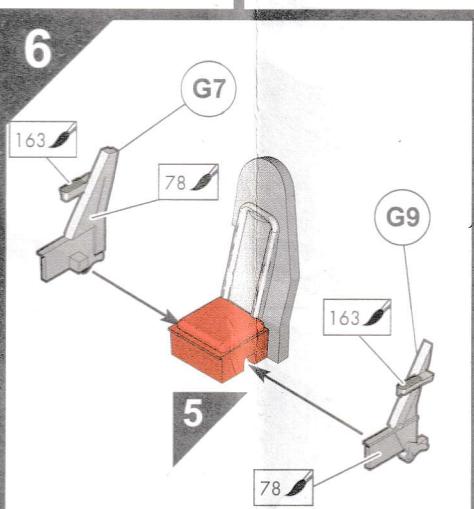
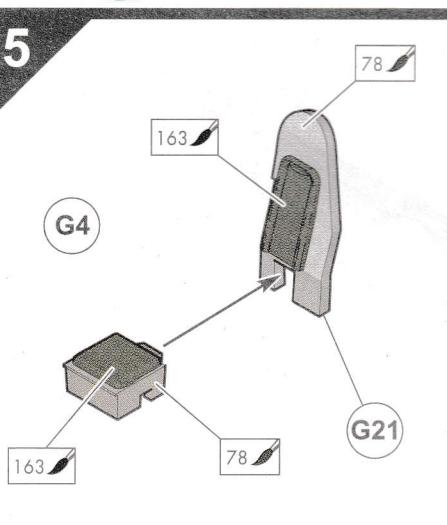
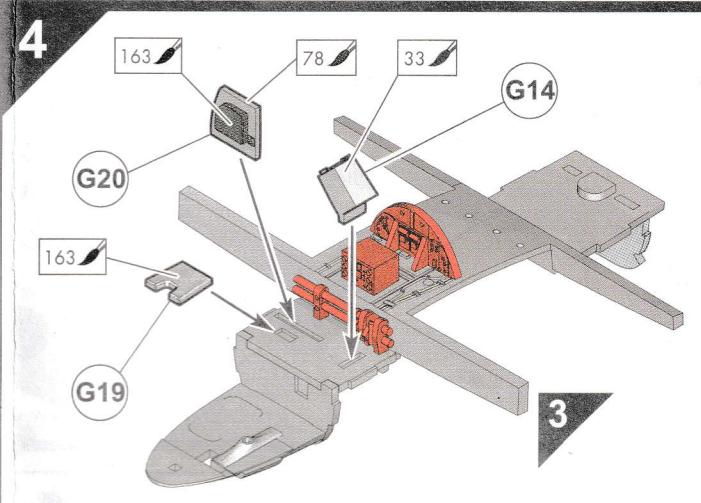
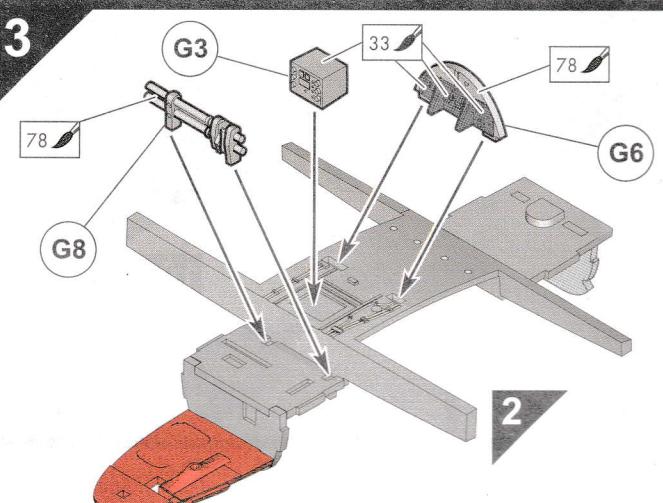
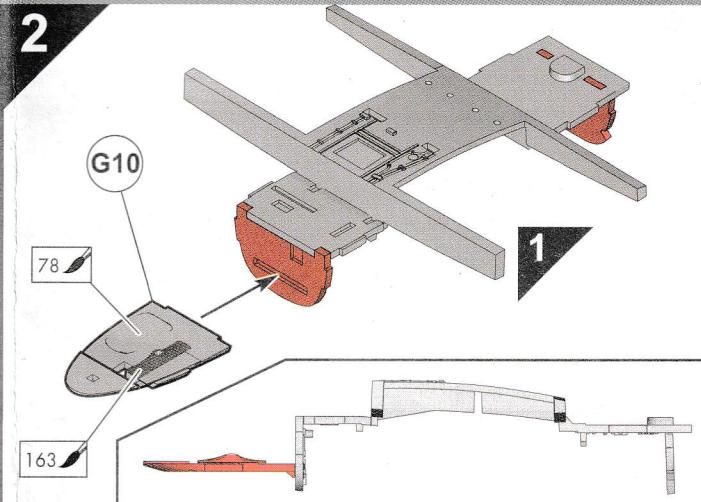
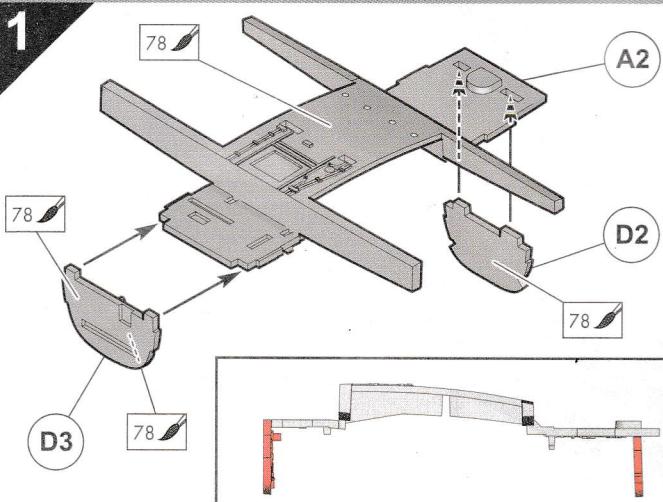
DA Studér tegningerne nøje og forsøg at sætte delene sammen, inden de klæbes sammen. Skrab forsigtigt malingen af de overflader, der skal klæbes sammen. Alle dele er nummererede. Små dele skal males, før de monteres. Overføringsbillederne påføres ved at klippe dem ud af øret, som pakrævet, dyppe dem i varmt vand i nogle få sekunder, hvorefter underlaget glides af i de viste positioner. Påføres ifølge illustrationerne på øsenken. Ikke egnet til børn under 3 år på grund af tilstedeværelse af små afgængelige dele.

ASSEMBLY ICON INSTRUCTIONS

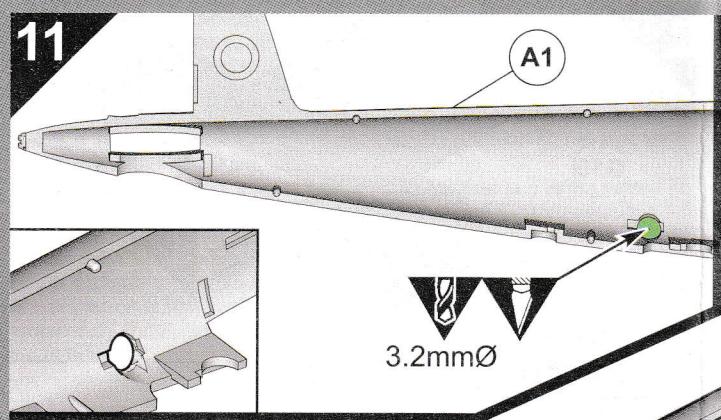
Assembly phase
Phase de montage
Montagephase
Fase de montaje
Montagefasen
Fase di montaggio
Montagefase
Fase de montagem
Montagensfase
Kokoamisvaihe
Faza skladania
Φάση συναρμολόγησης

A1

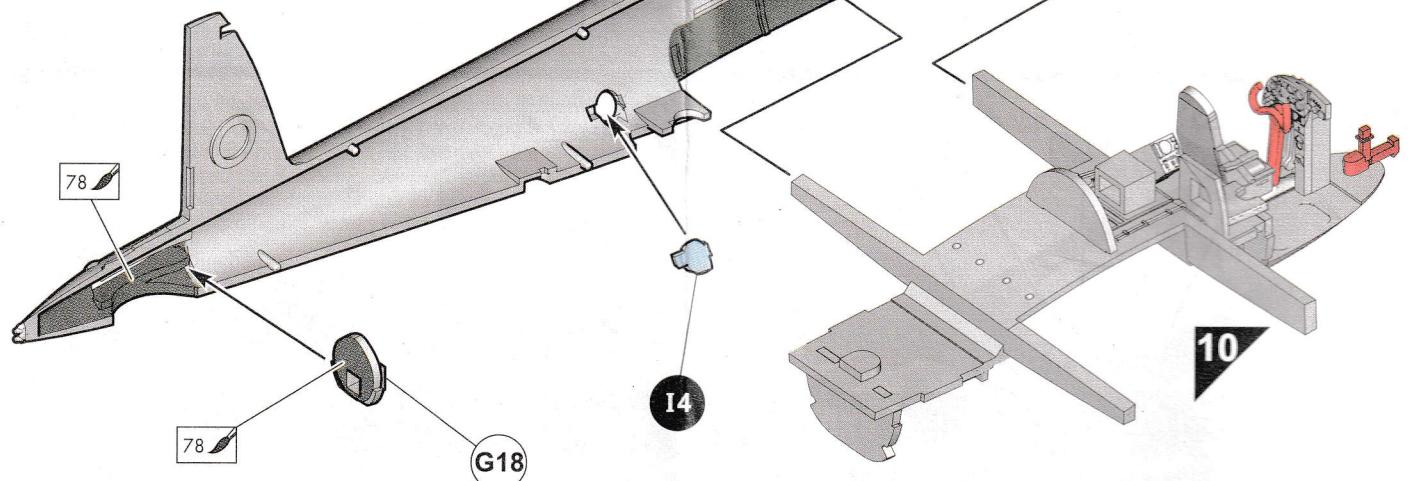
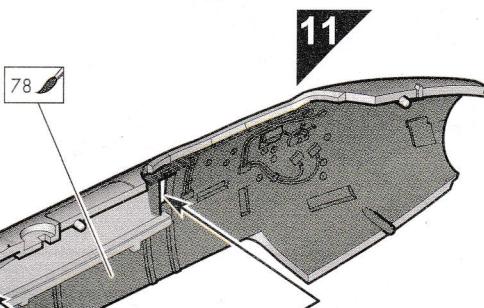
<



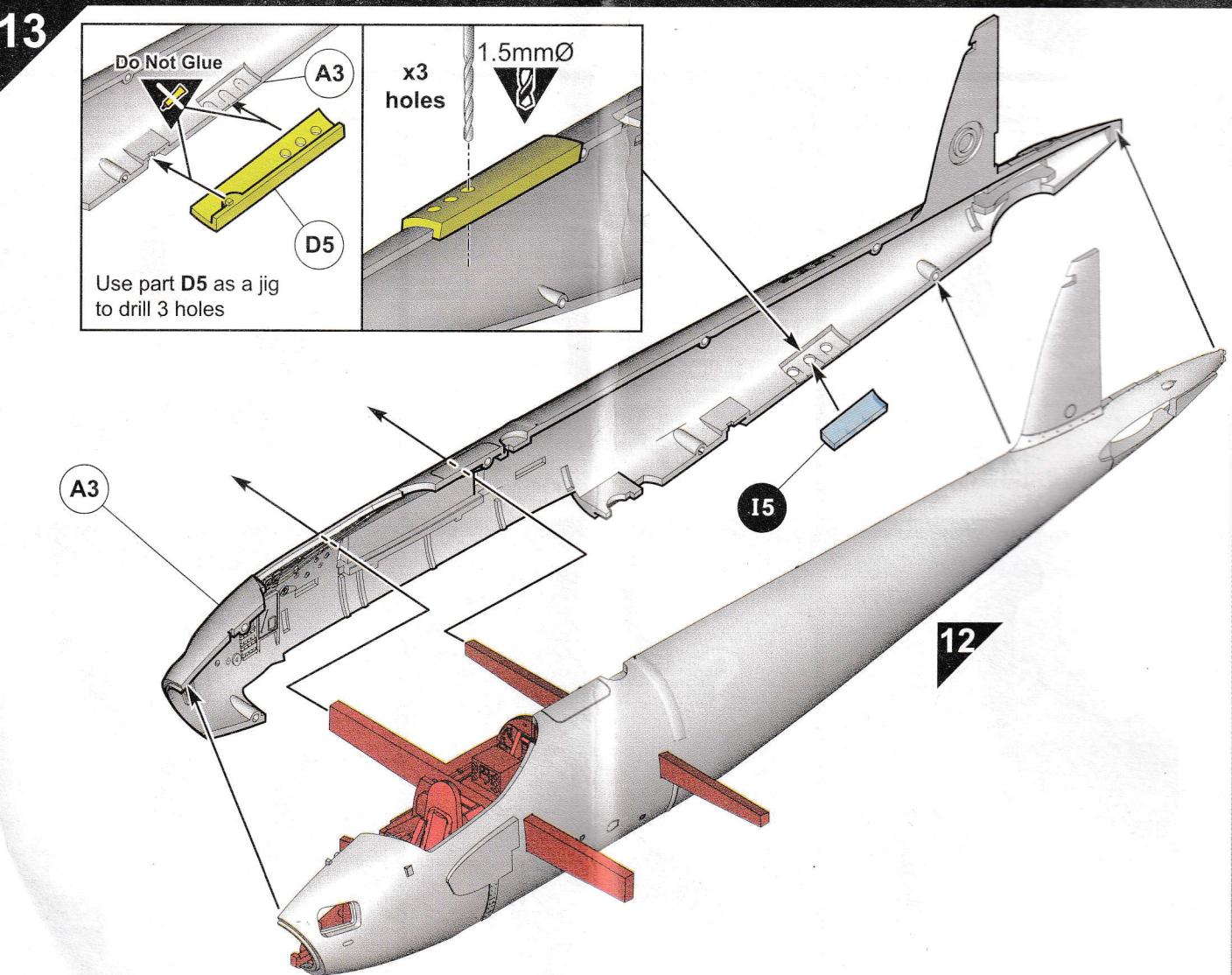
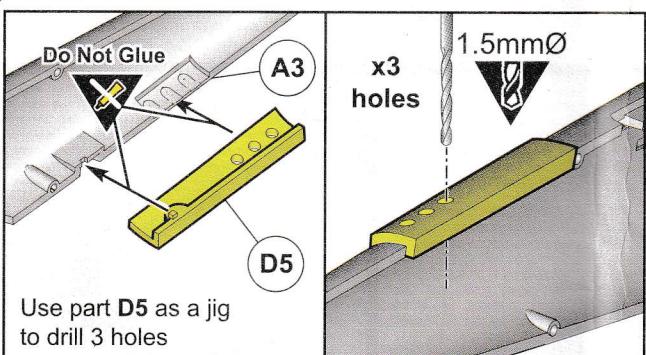
11

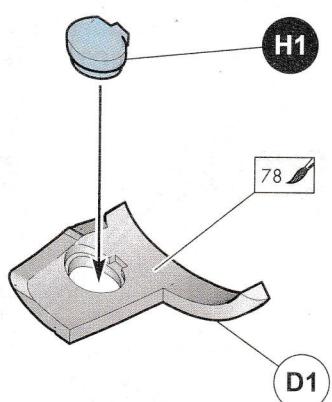
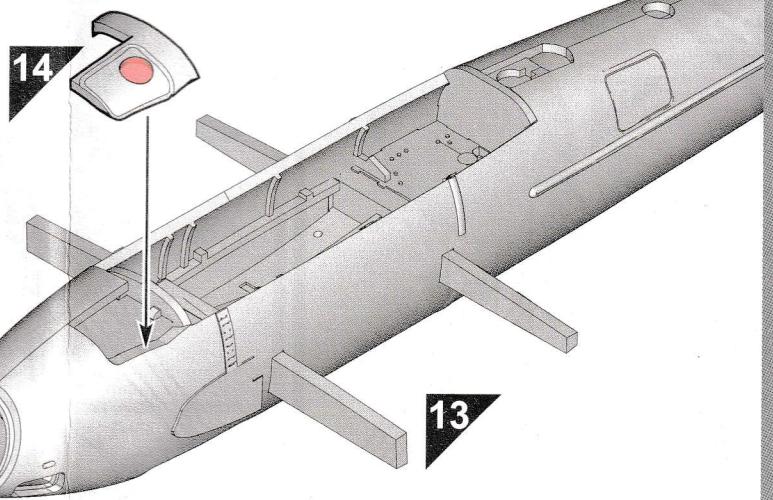
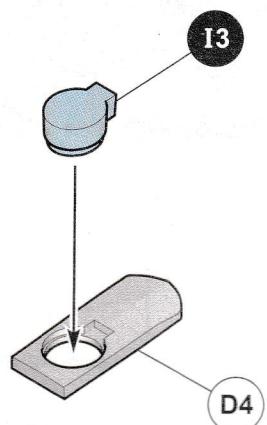
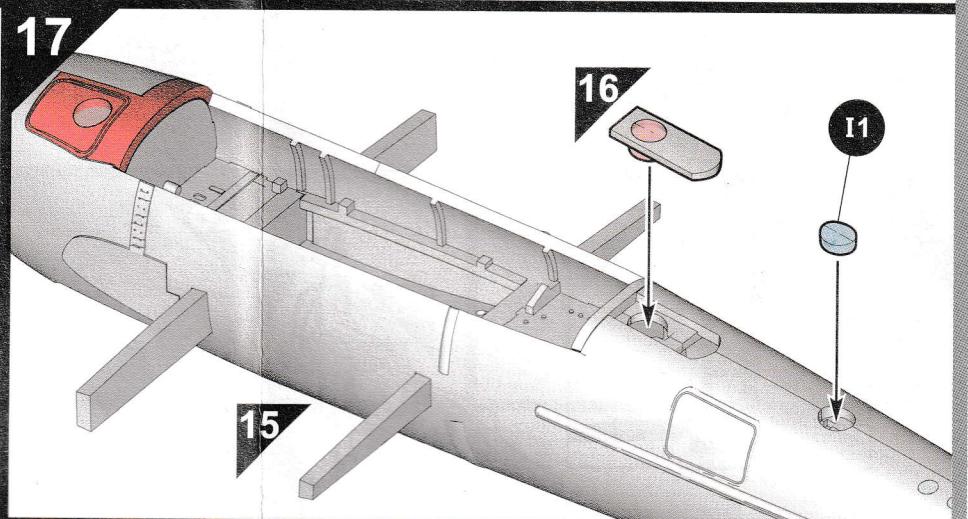
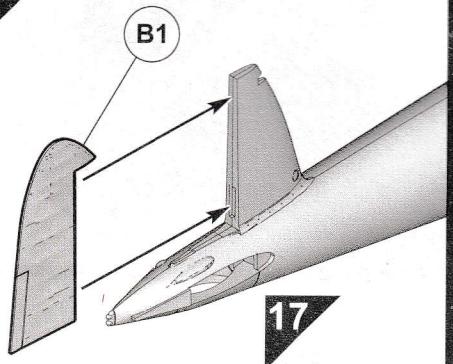
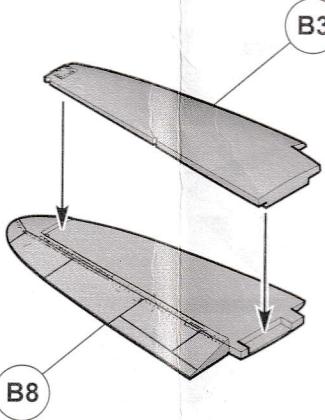
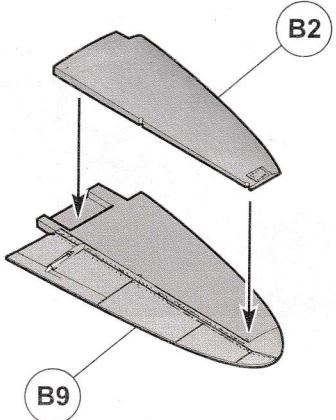
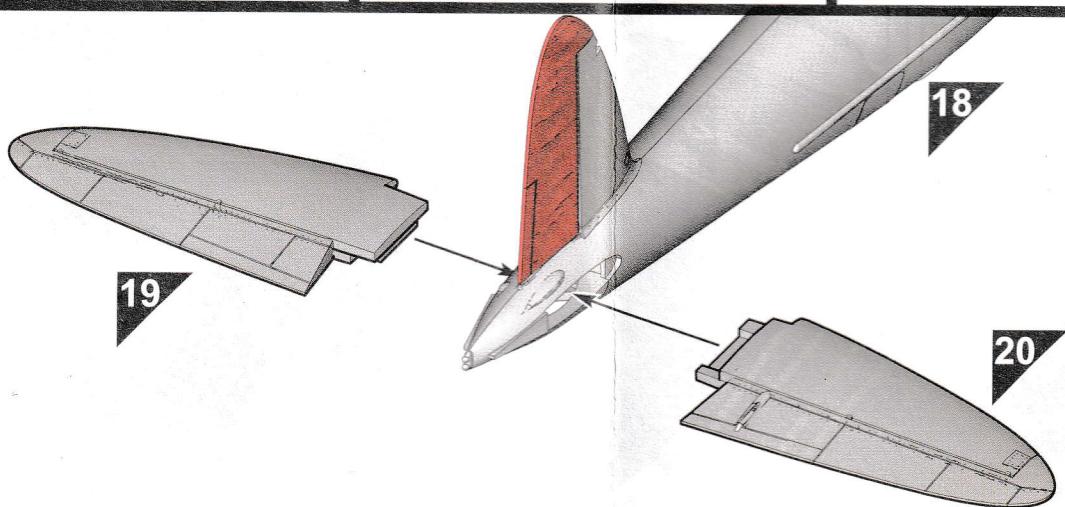


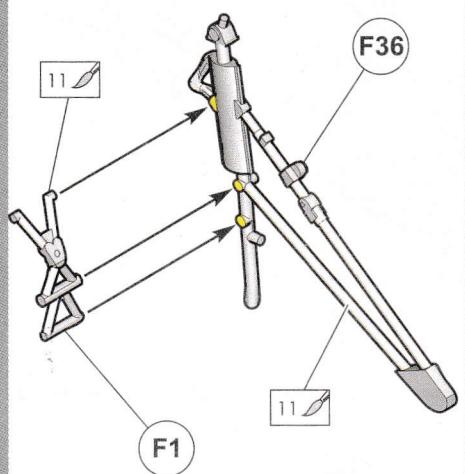
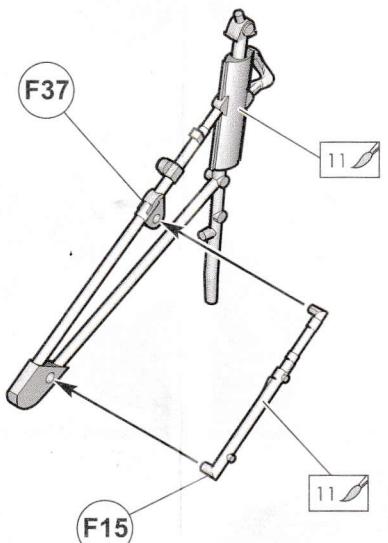
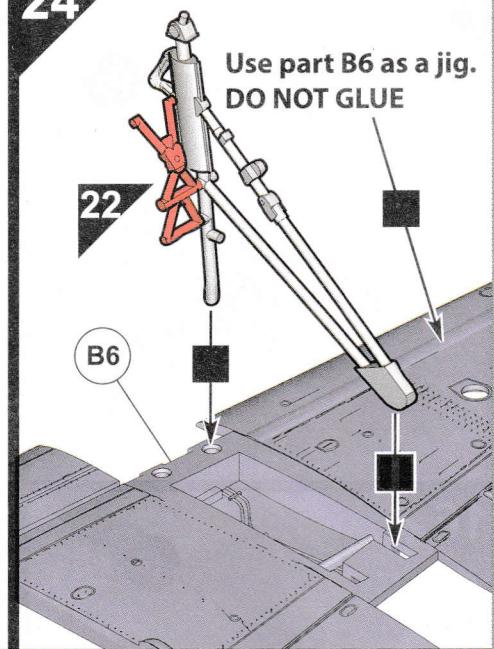
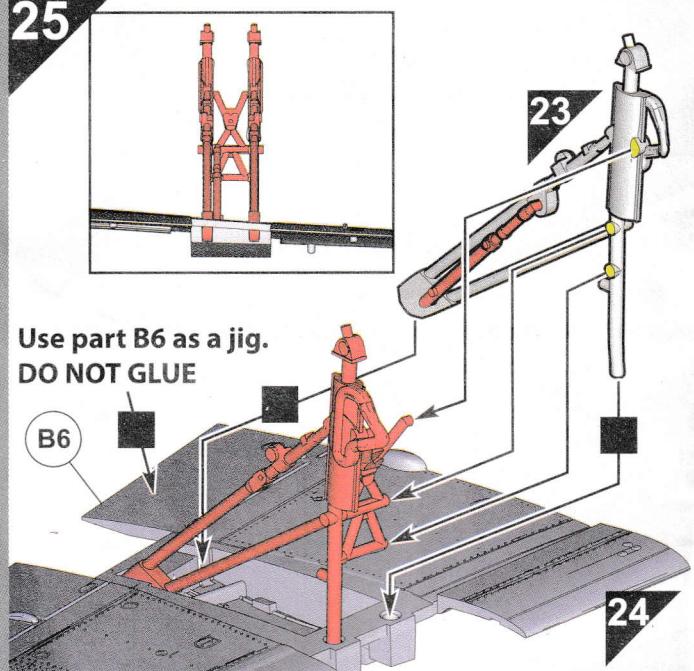
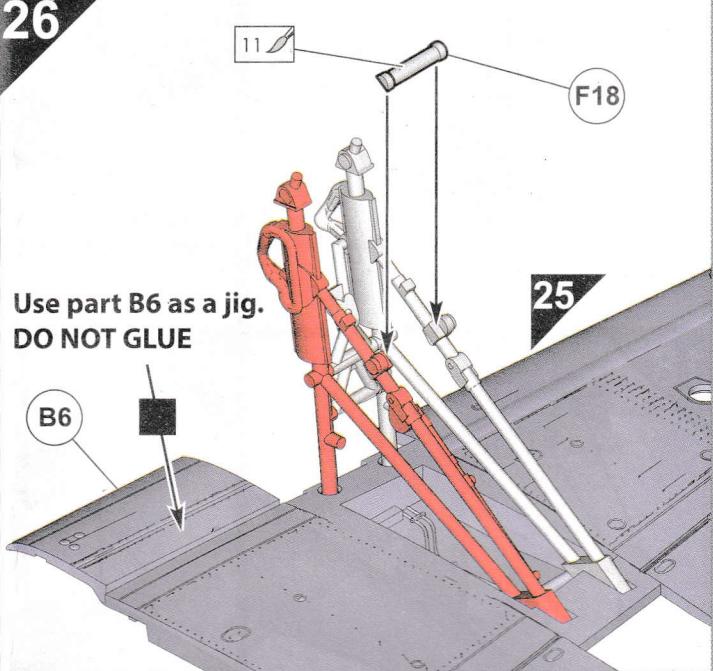
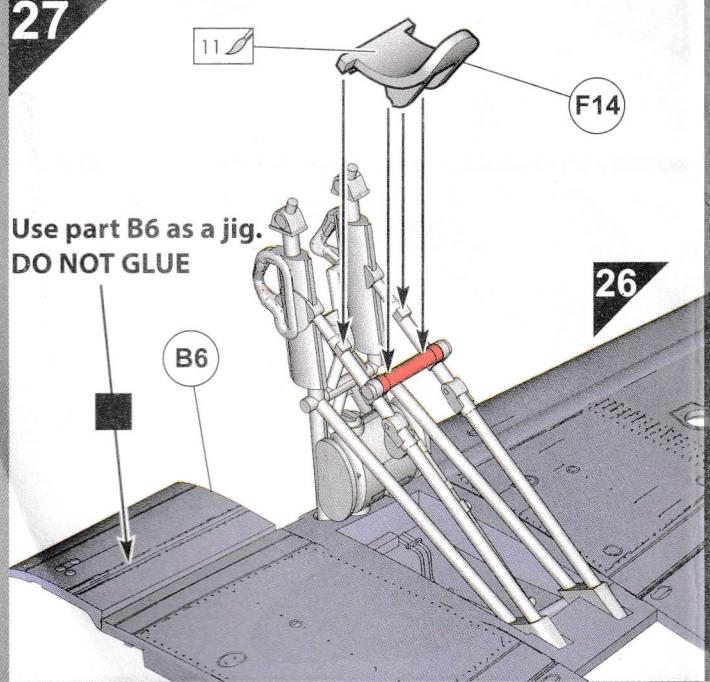
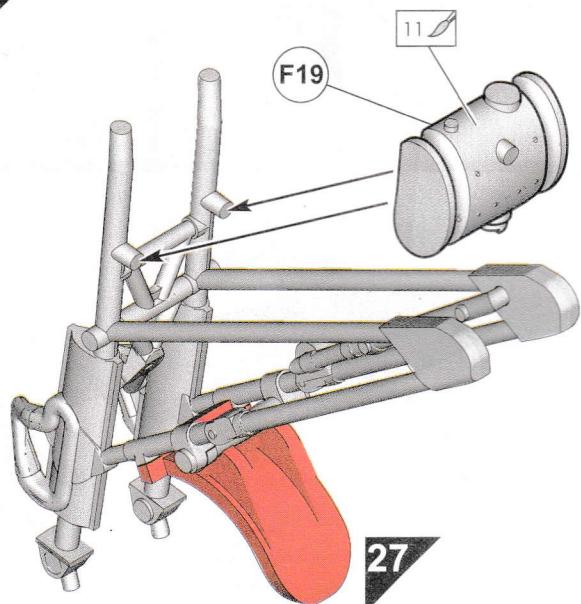
12

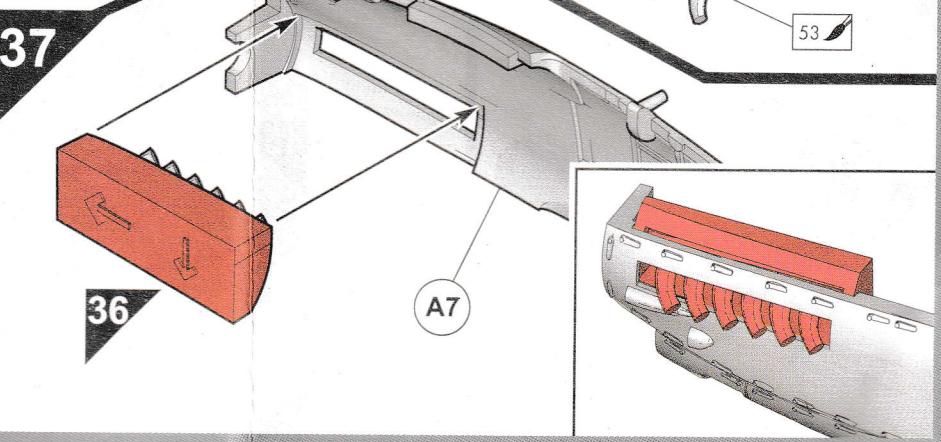
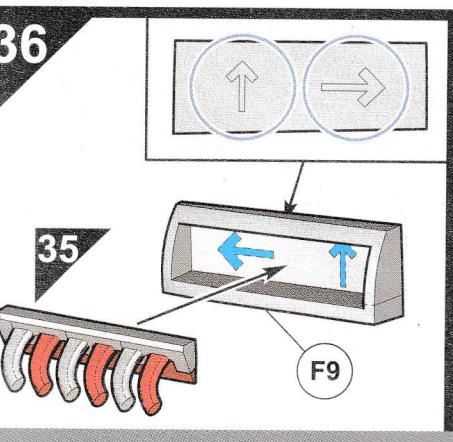
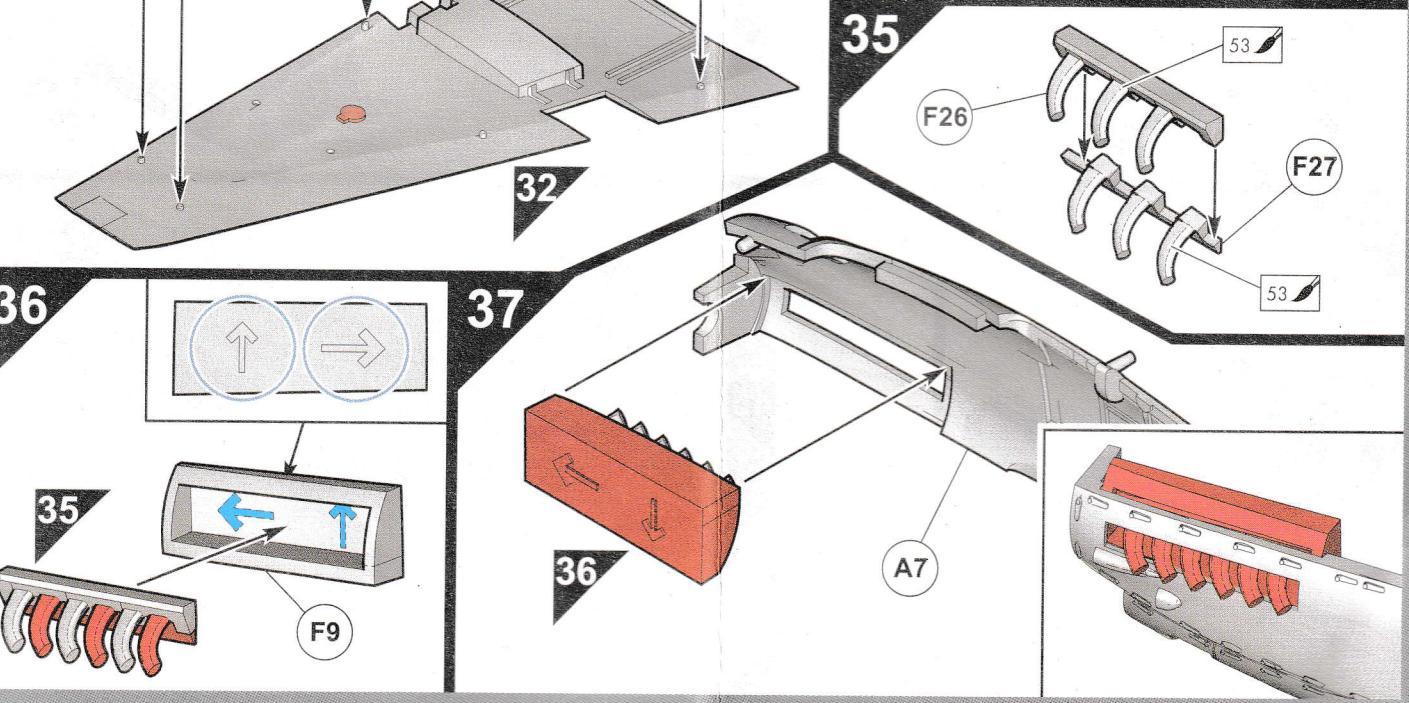
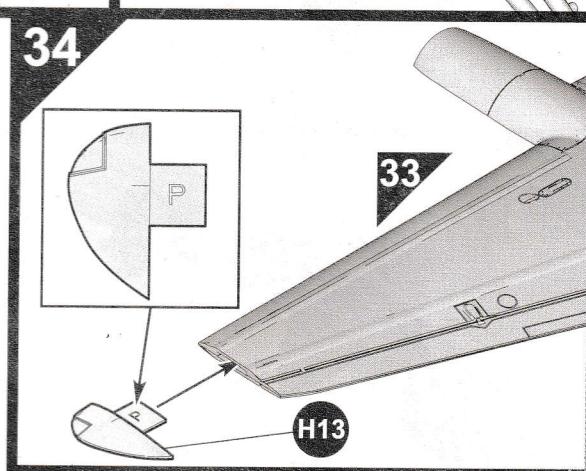
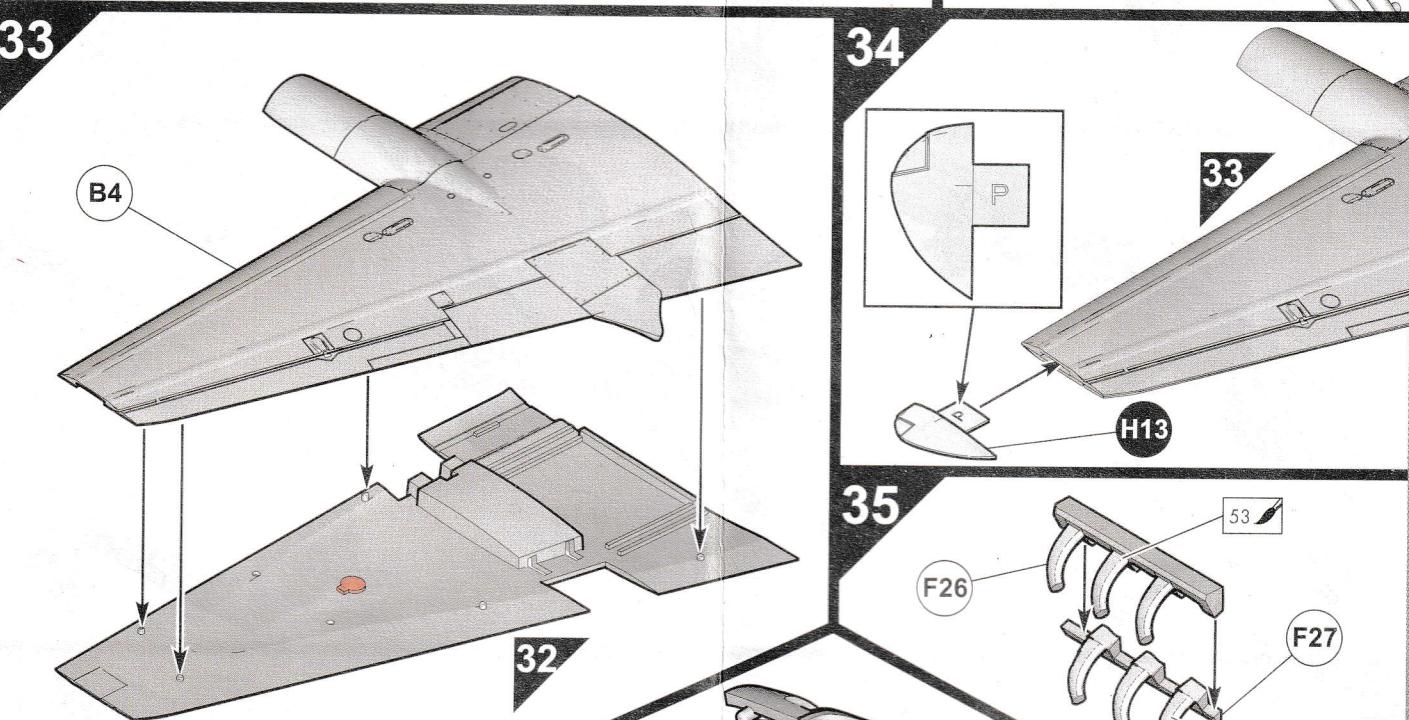
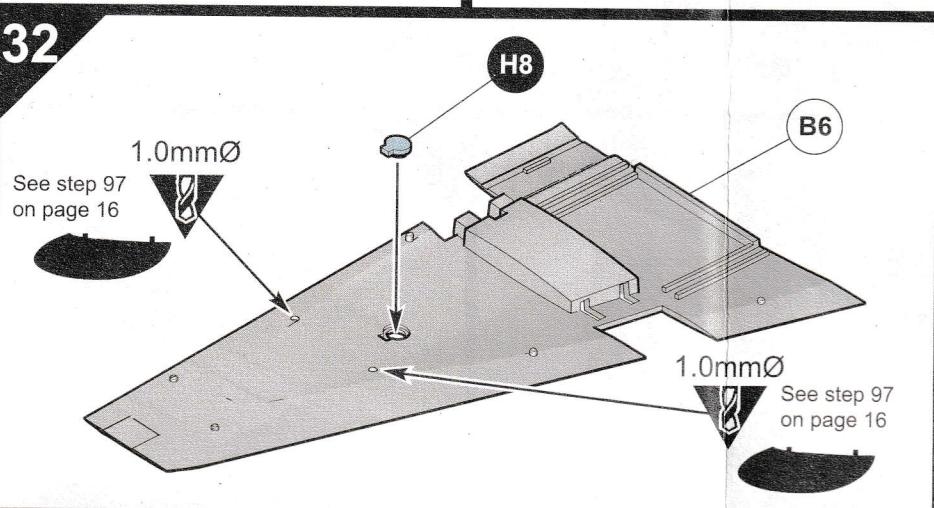
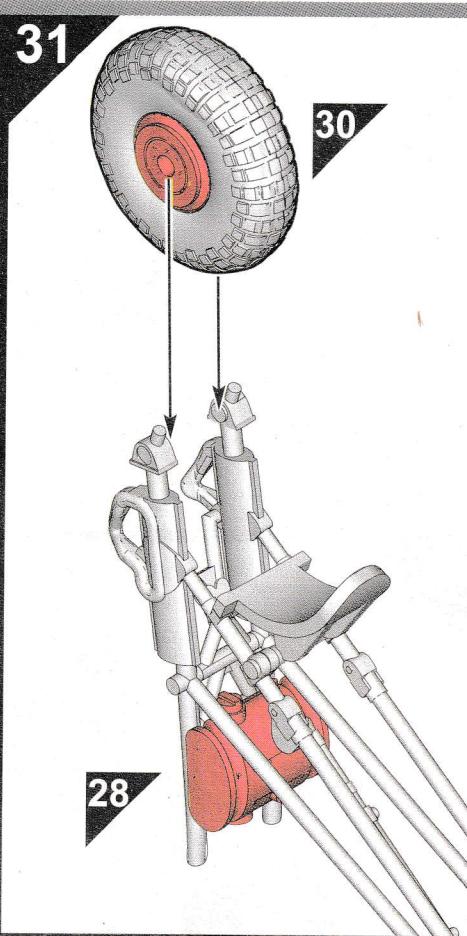
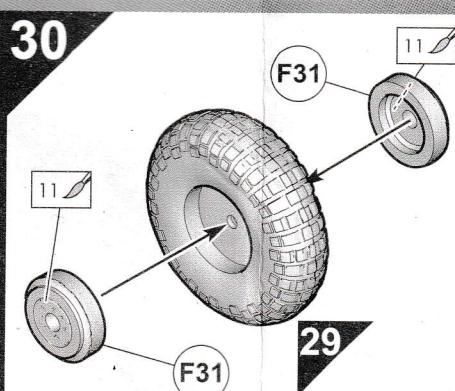
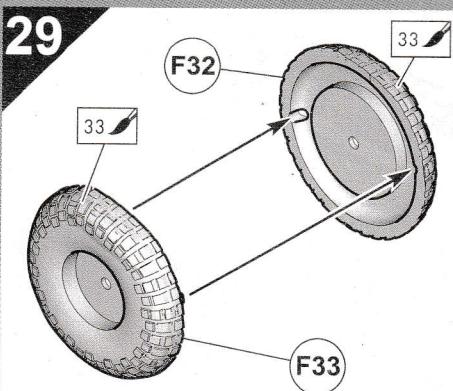


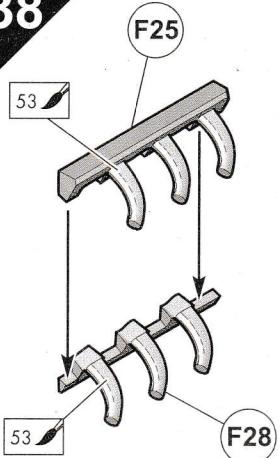
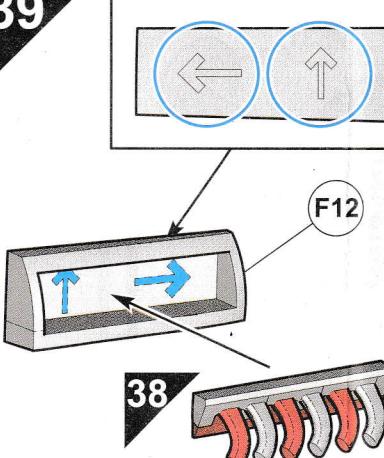
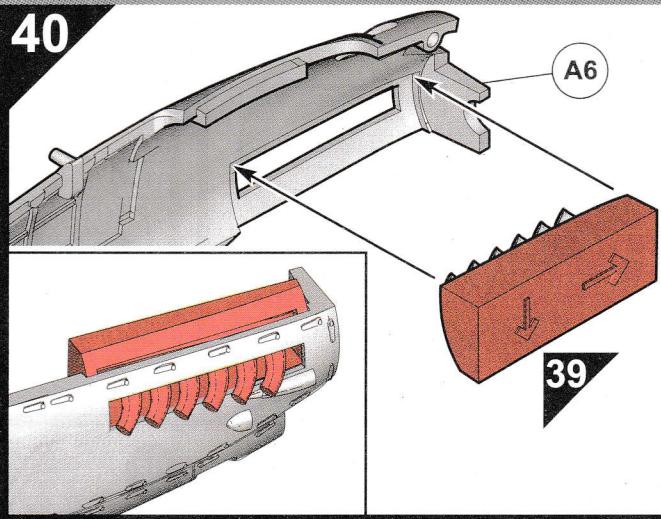
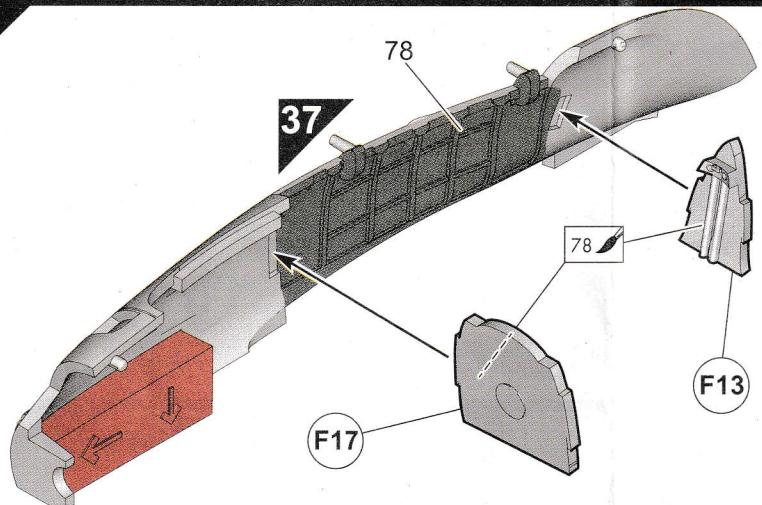
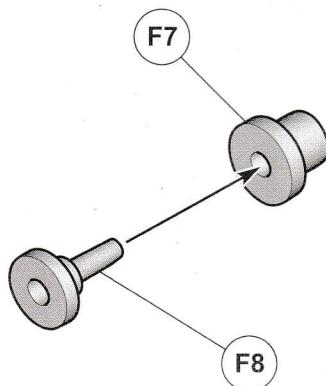
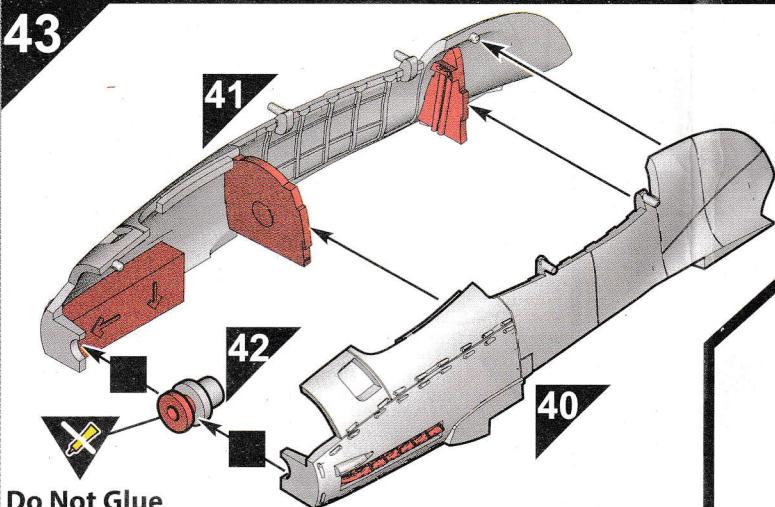
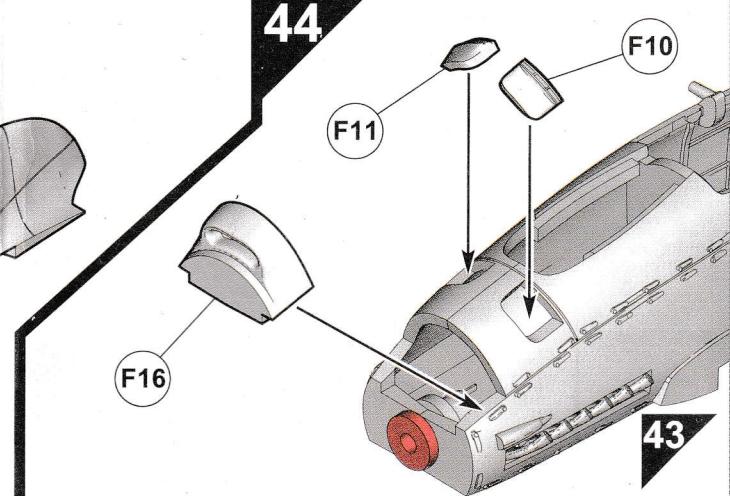
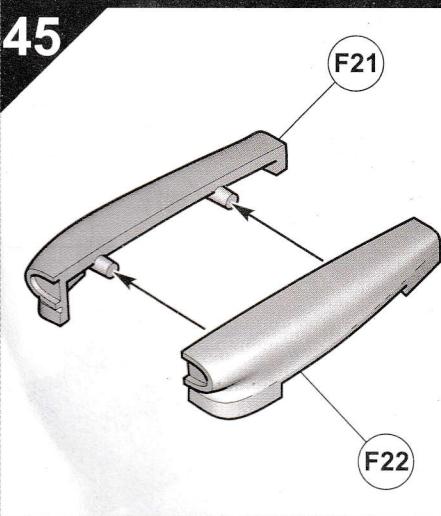
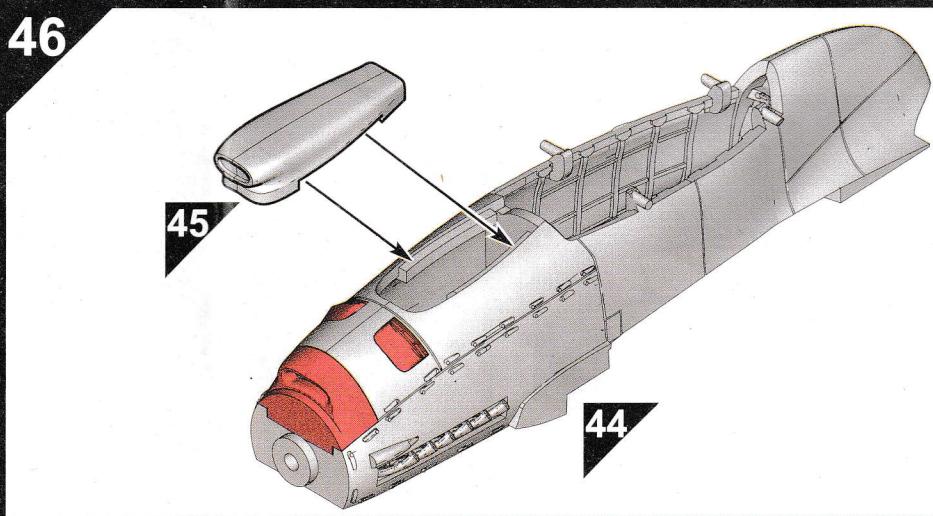
13



14**15****16****17****18****19****20****21**

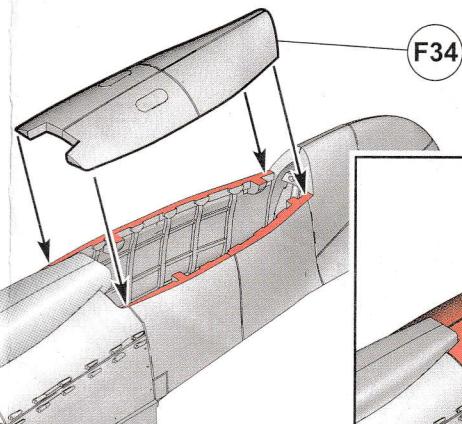
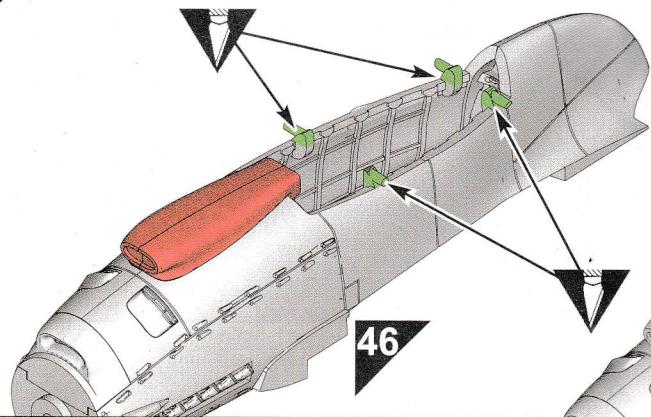
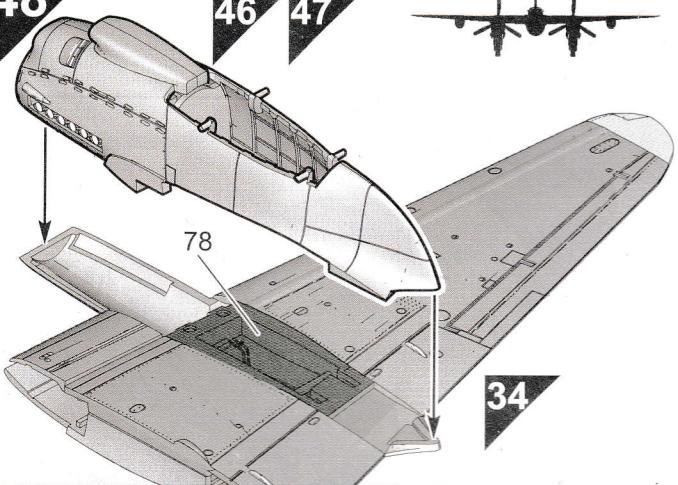
22**23****24****25****26****27****28**



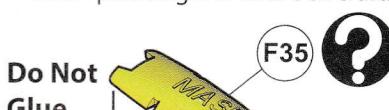
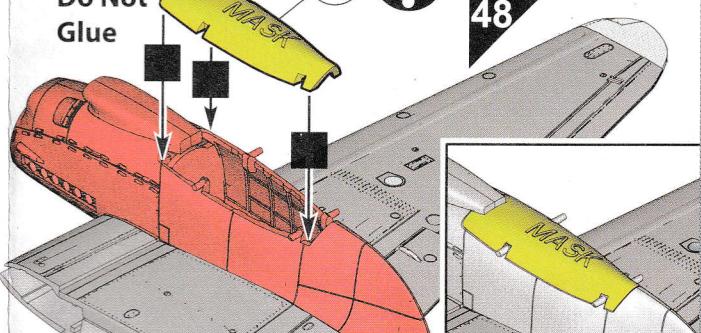
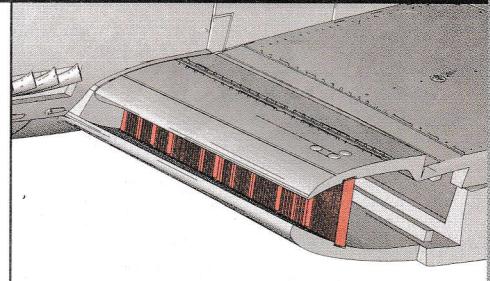
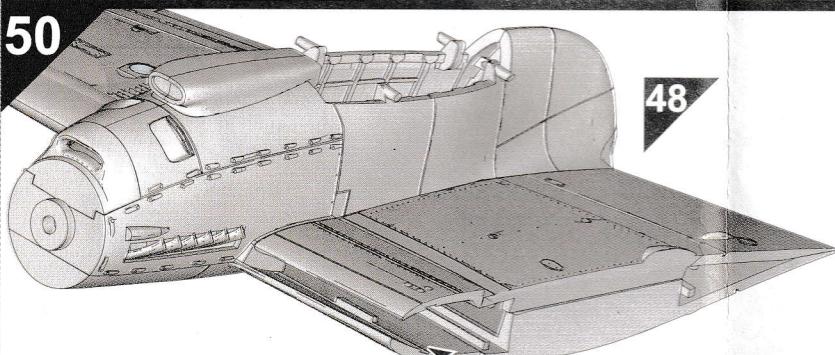
38**39****40****41****42****43****44****45****46**

47

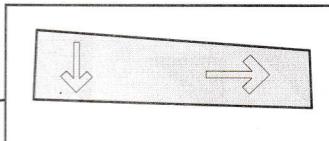
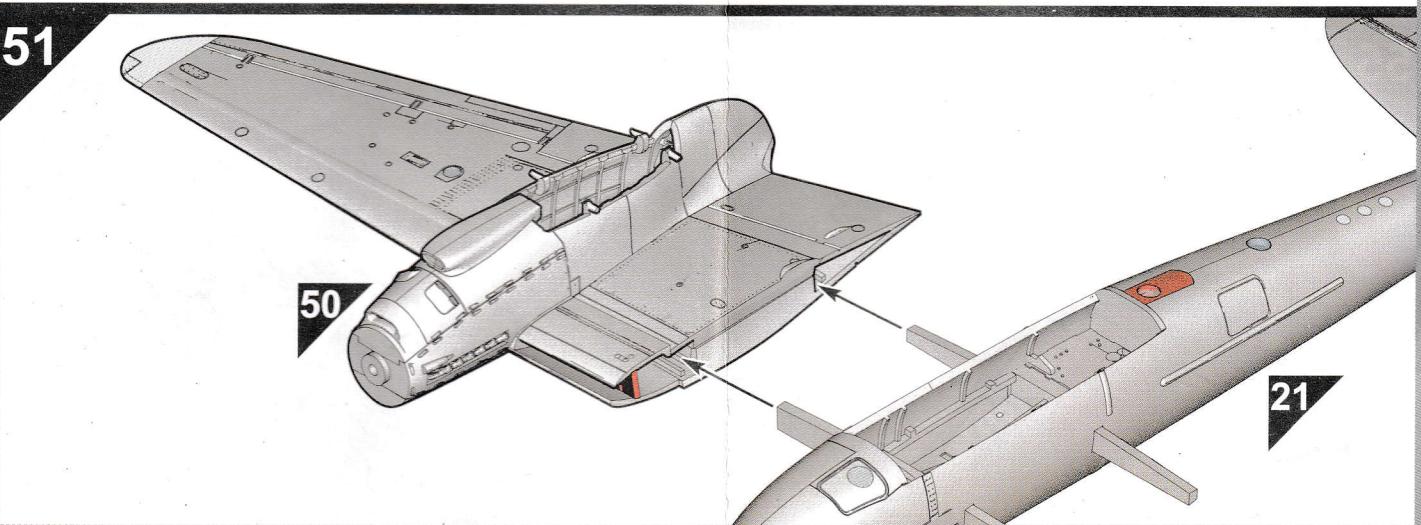
When building this model with the undercarriage UP, cut where highlighted in green in this step before assembling part F34 then miss out step 49 below.

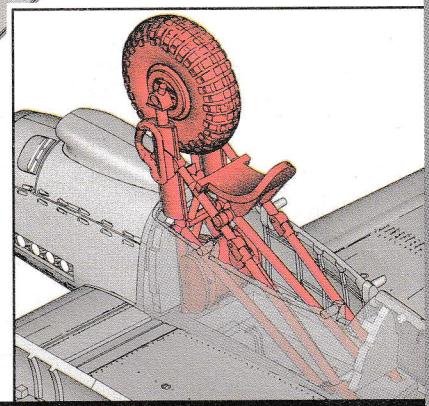
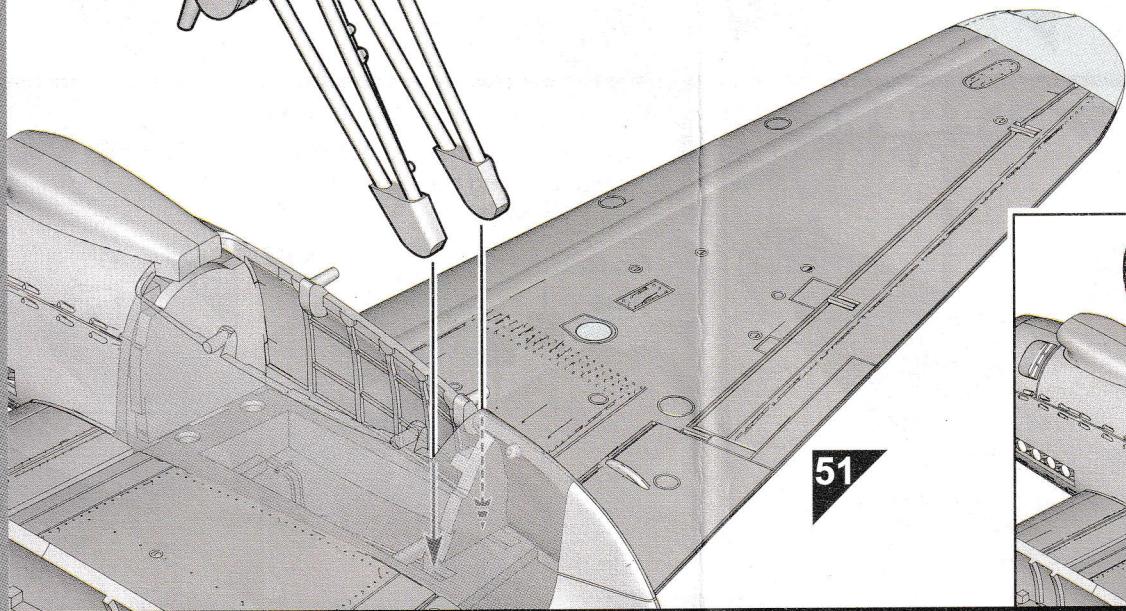
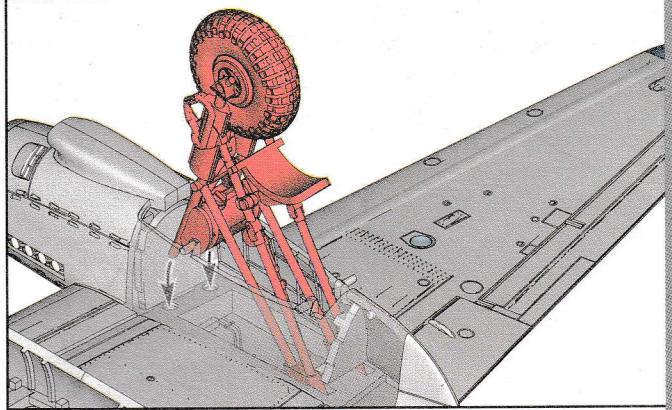
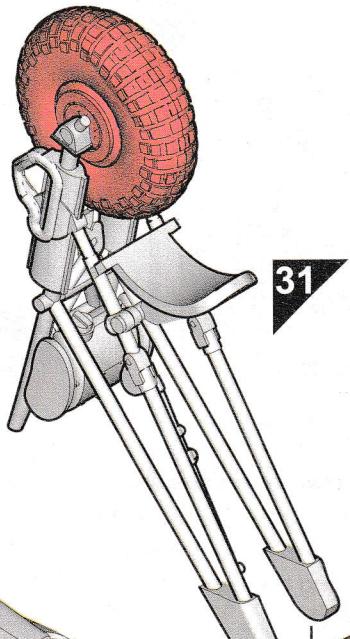
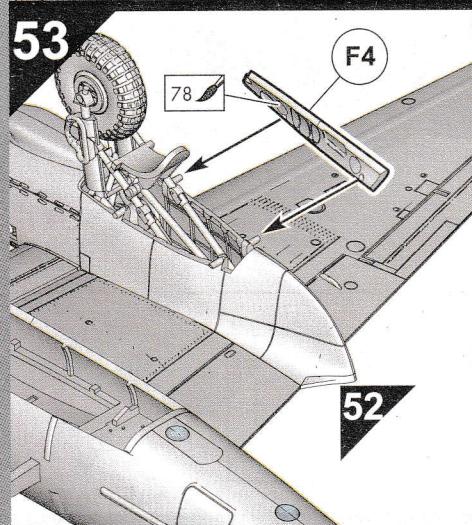
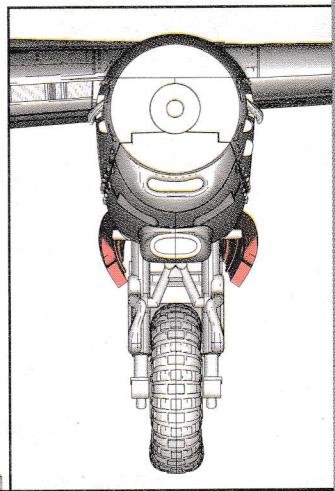
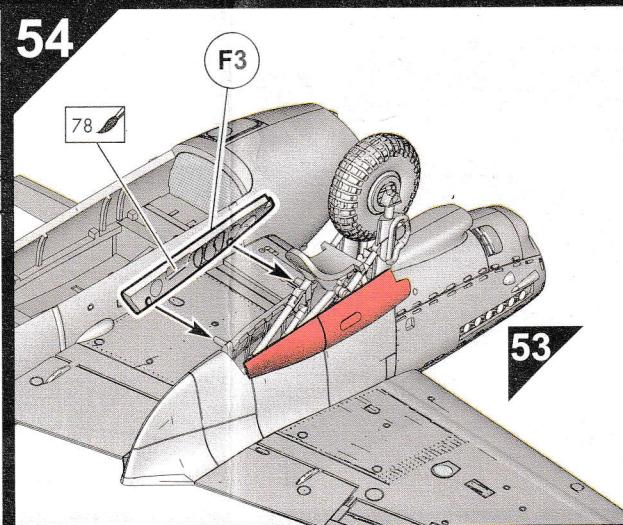
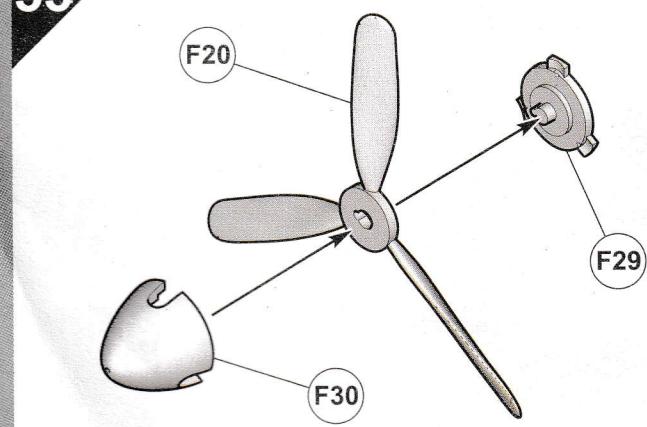
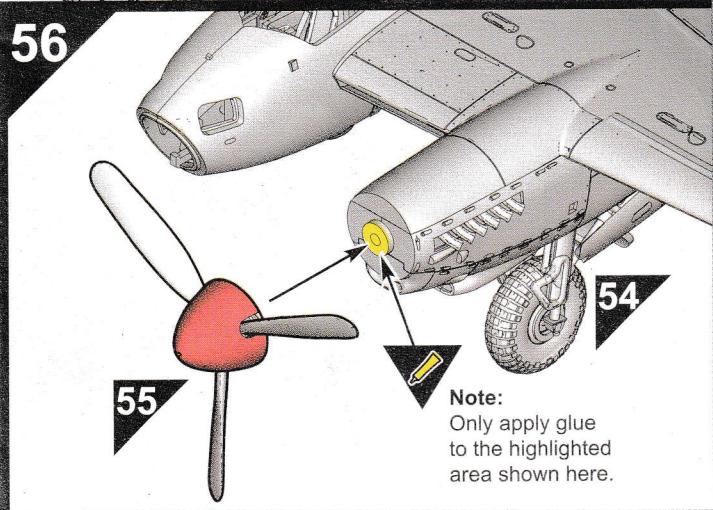
**48****46 47****49**

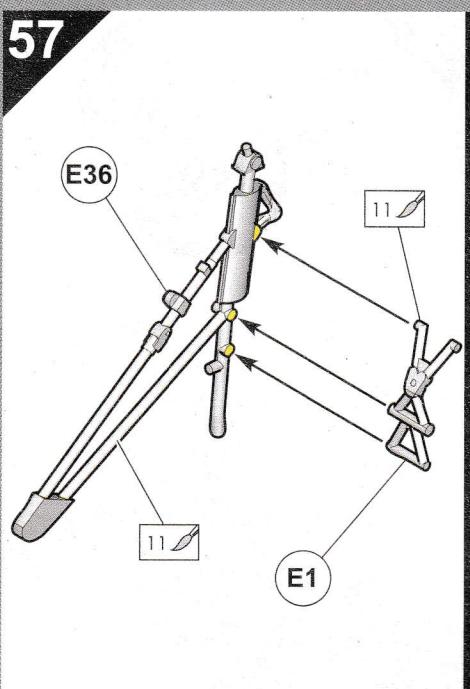
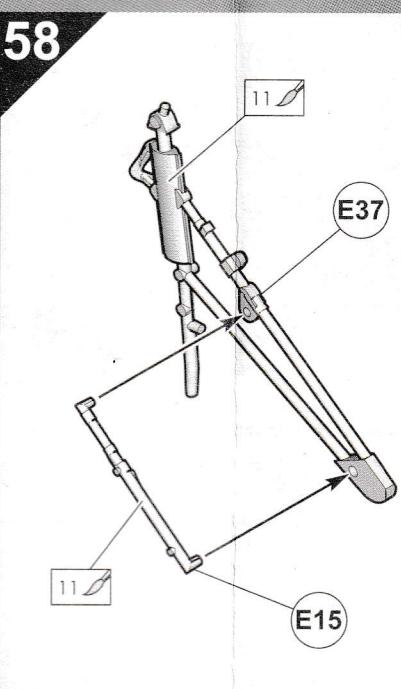
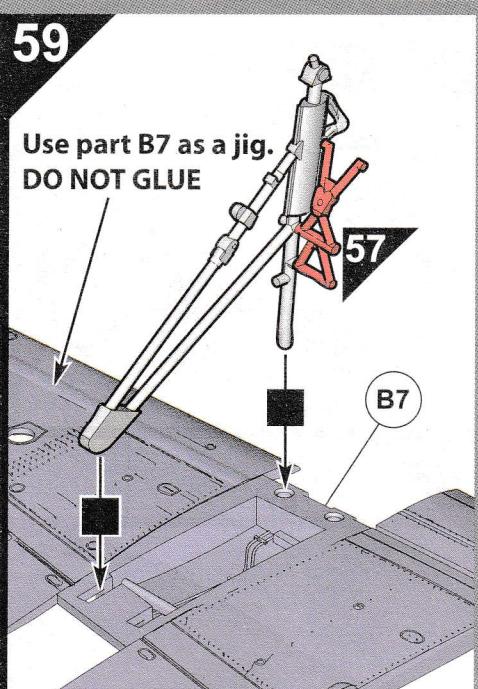
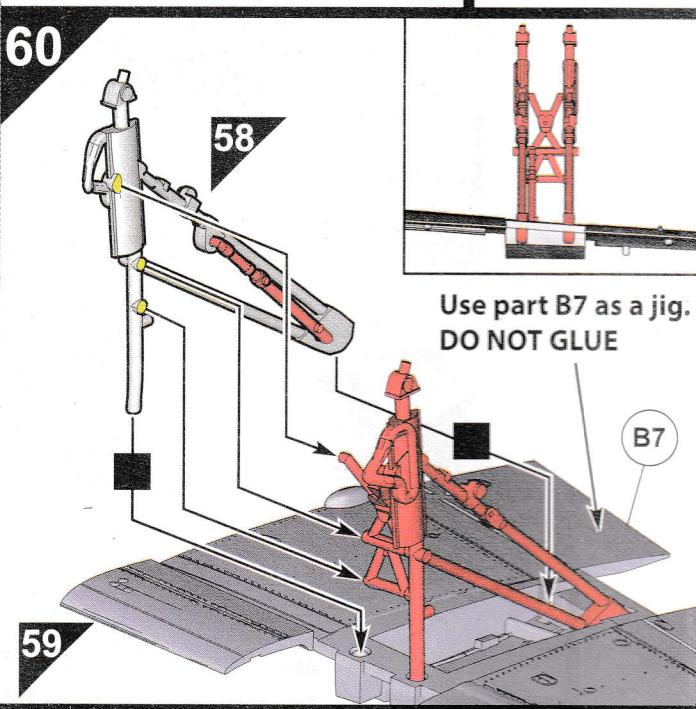
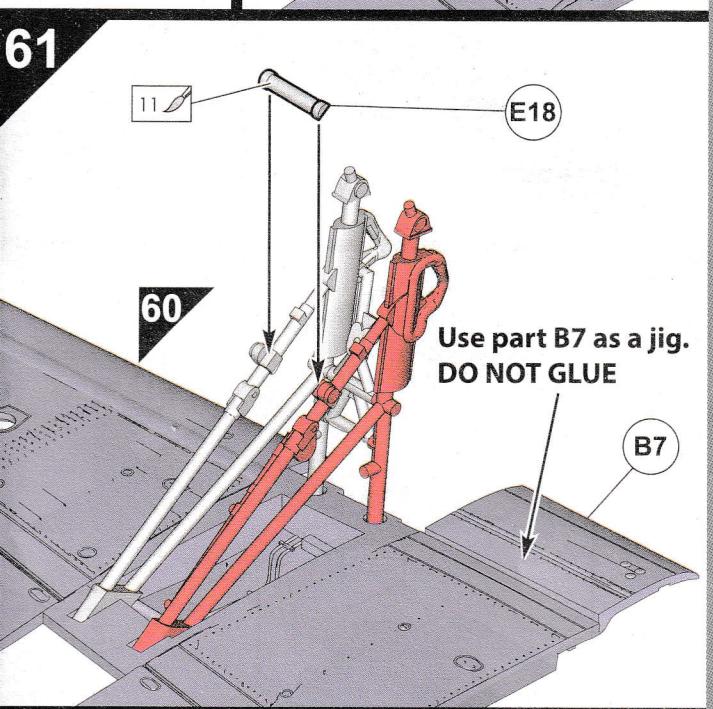
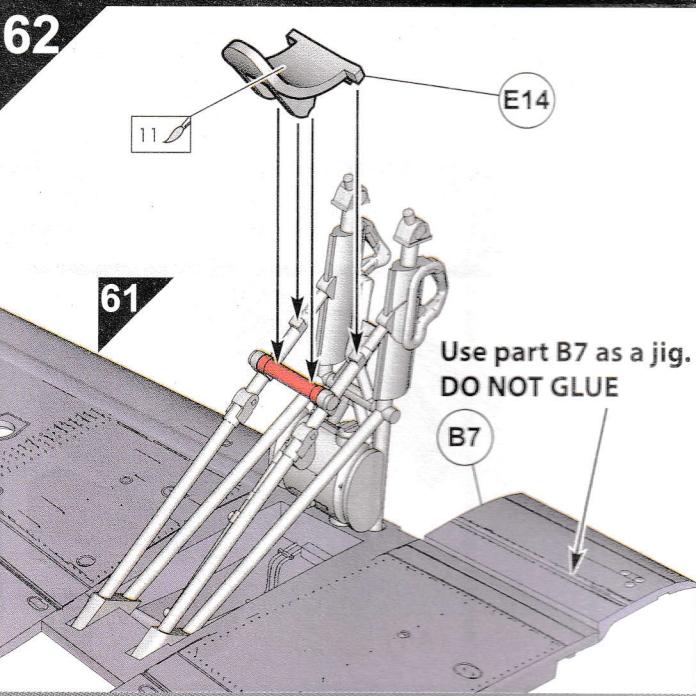
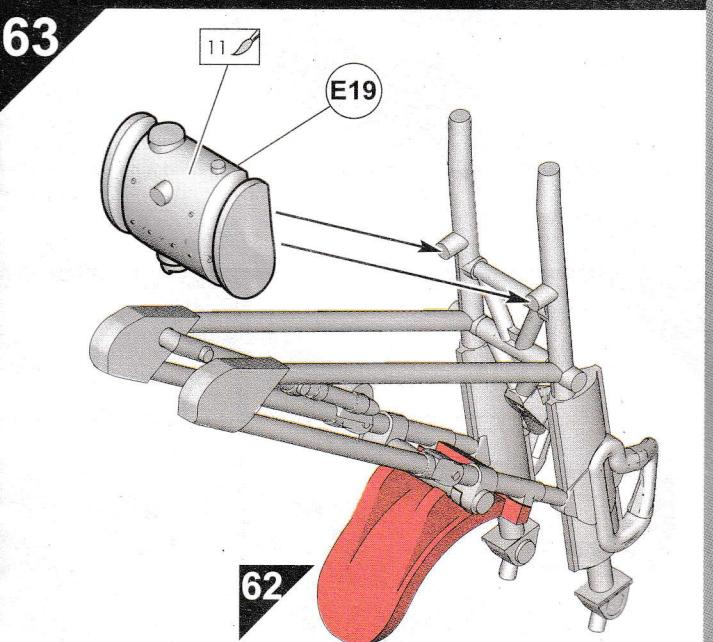
Do Not glue part F35, use as a Mask to protect the inside of the nacelle when painting the entire aircraft.

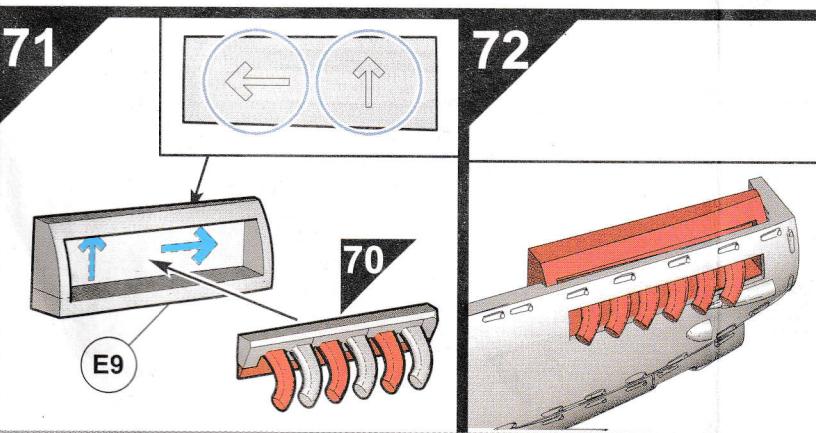
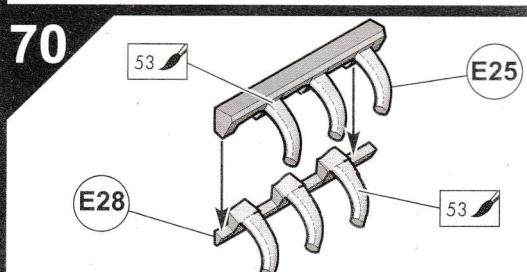
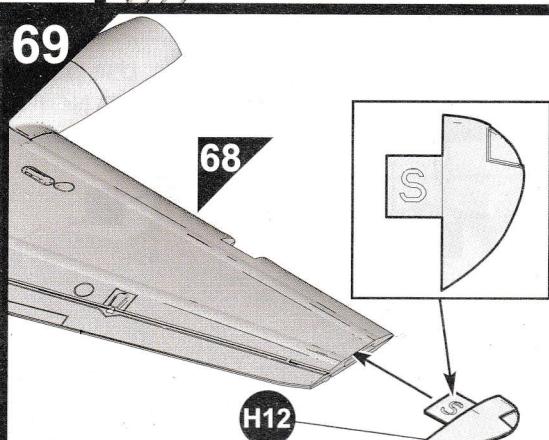
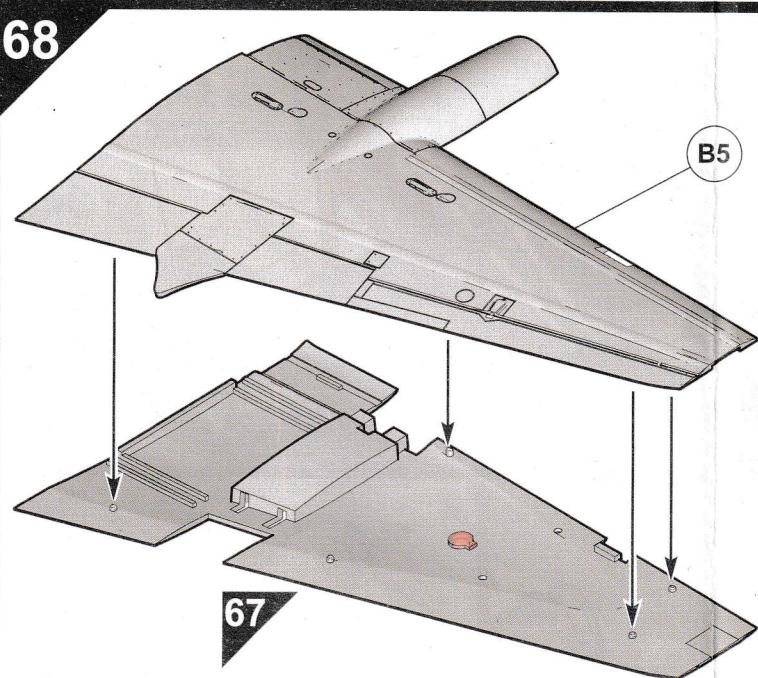
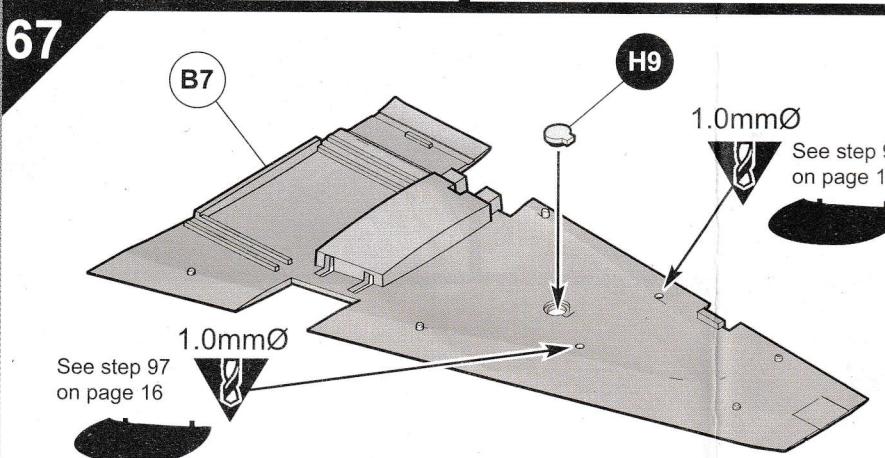
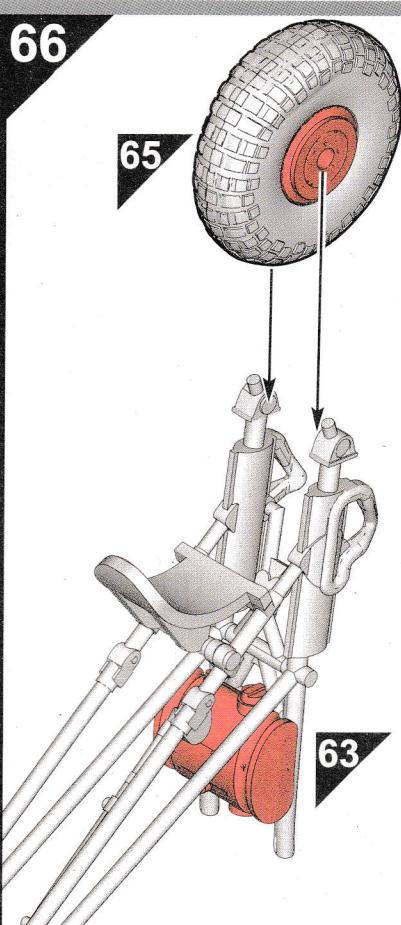
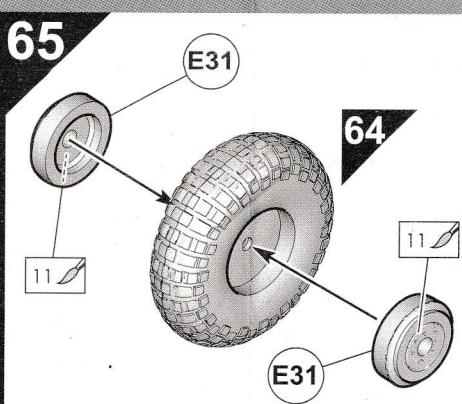
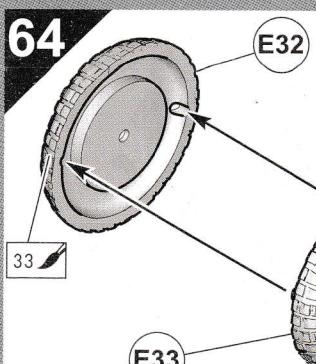
**48****50****48**

33

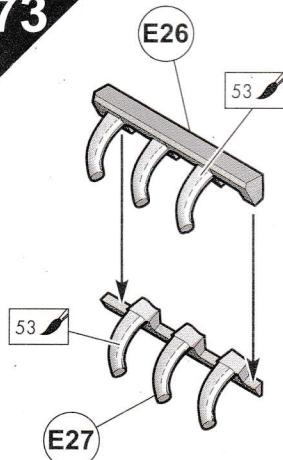
F2**51****50****21**

52**53****54****55****56**

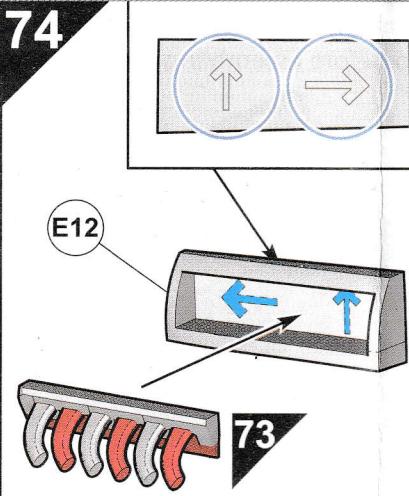
57**58****59****60****61****62****63**



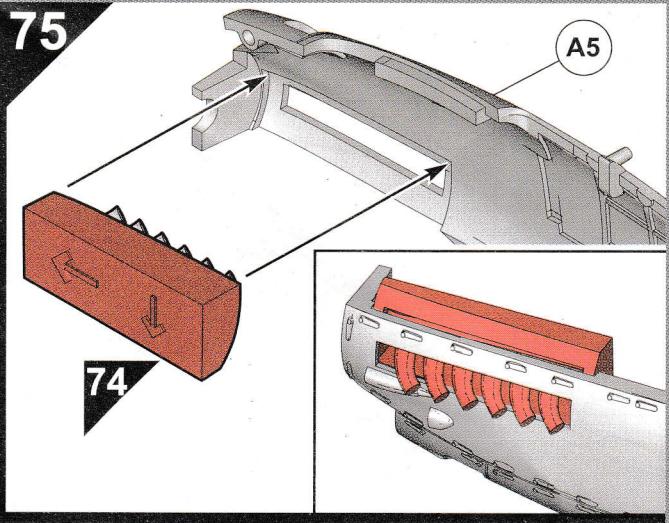
73



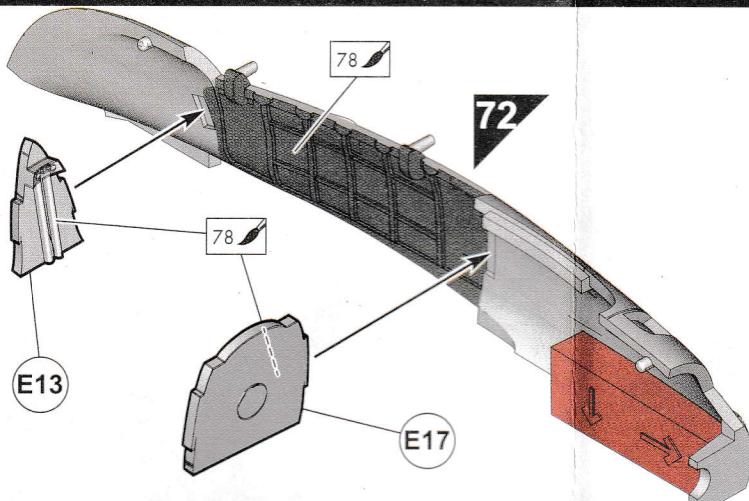
74



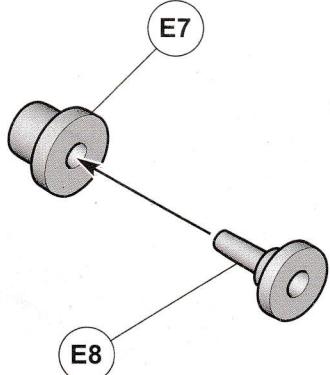
75



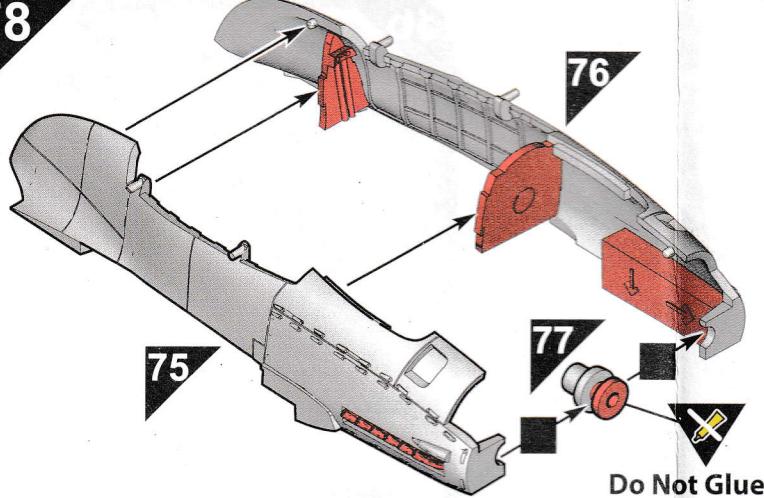
76



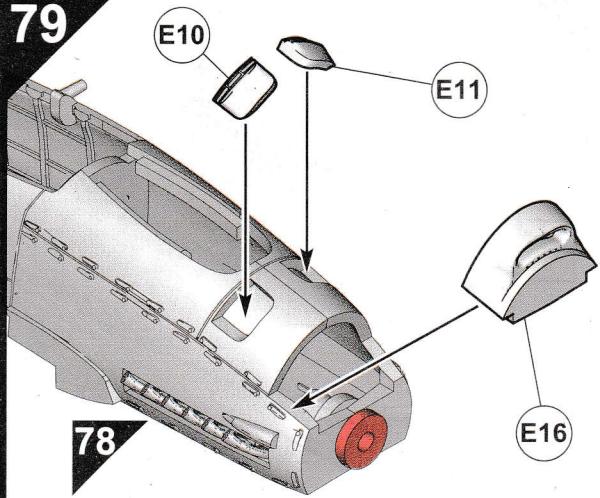
77



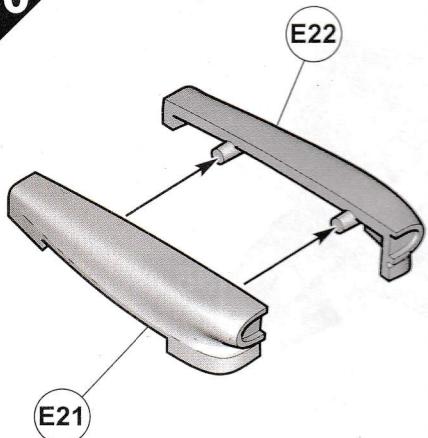
78



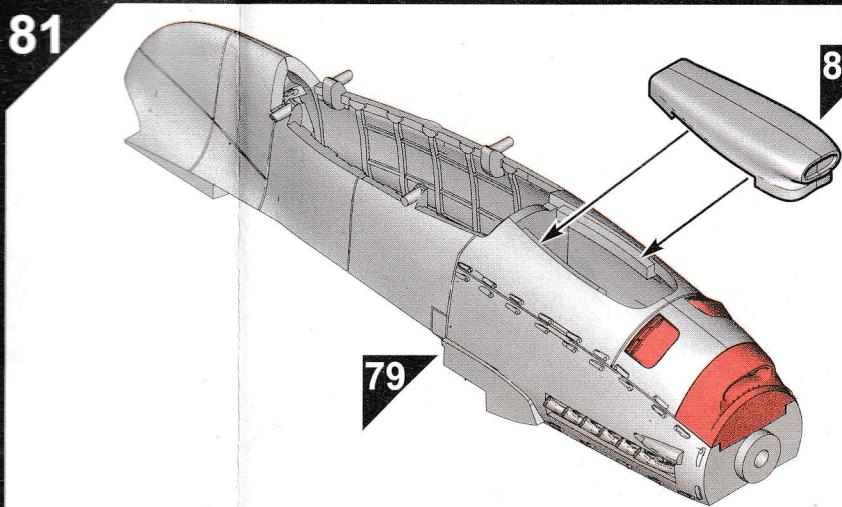
79



80



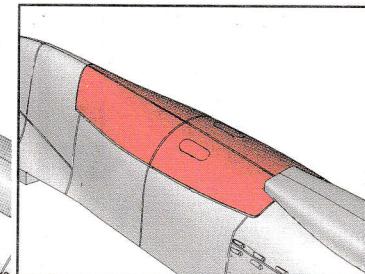
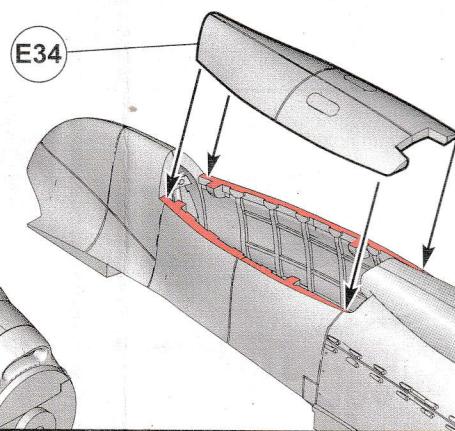
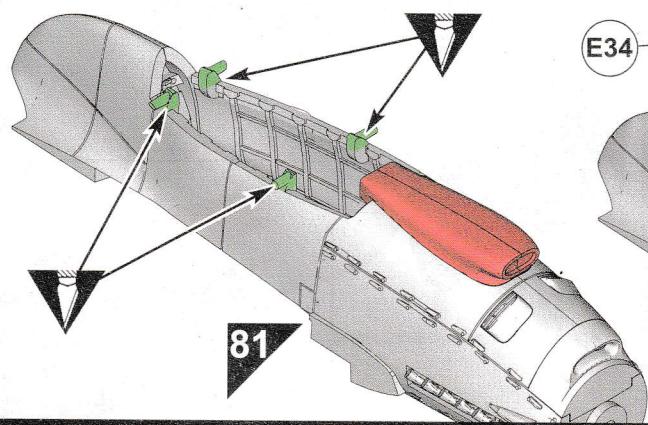
81



82



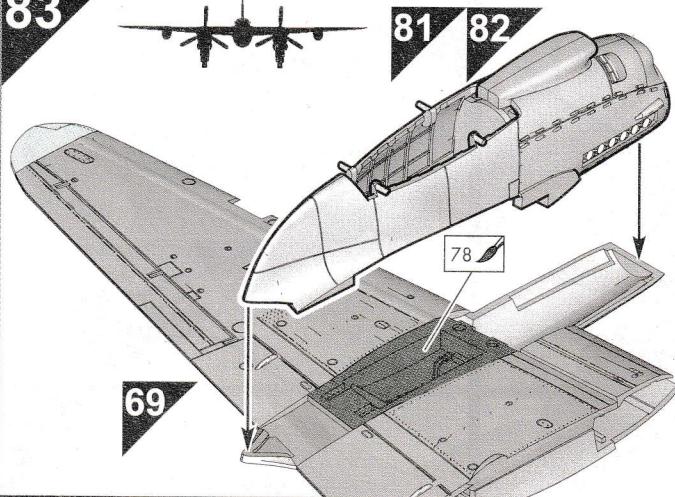
When building this model with the undercarriage UP, cut where highlighted in green in this step before assembling part E34 then miss out step 84 below.



83

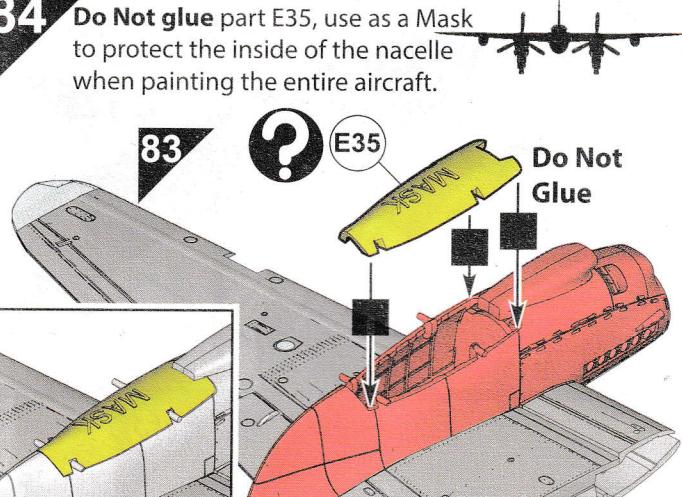


81 82



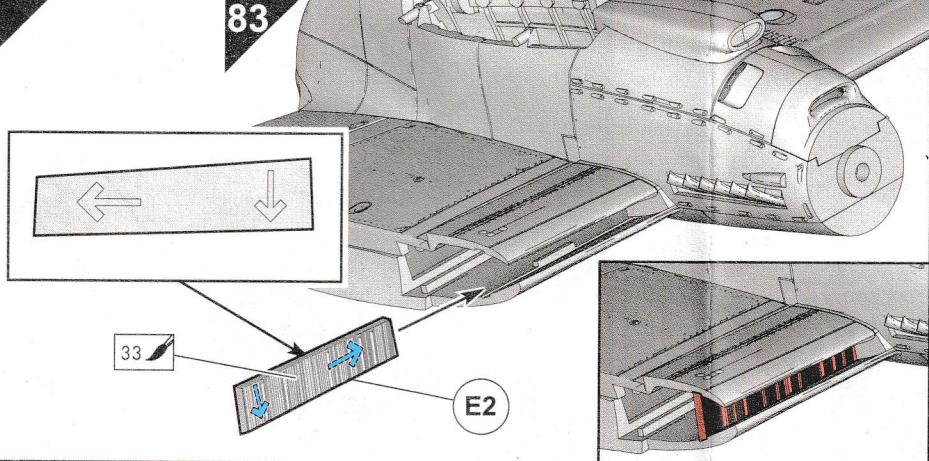
84

Do Not glue part E35, use as a Mask to protect the inside of the nacelle when painting the entire aircraft.



85

83



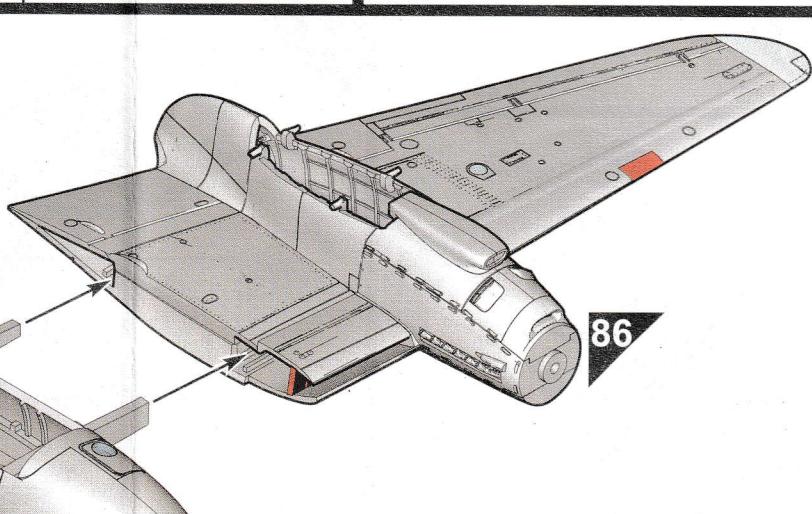
86

85

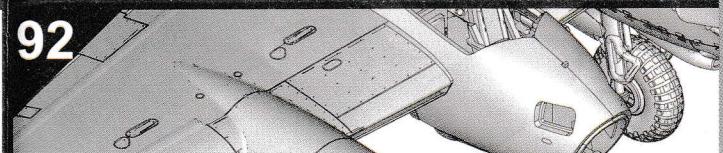
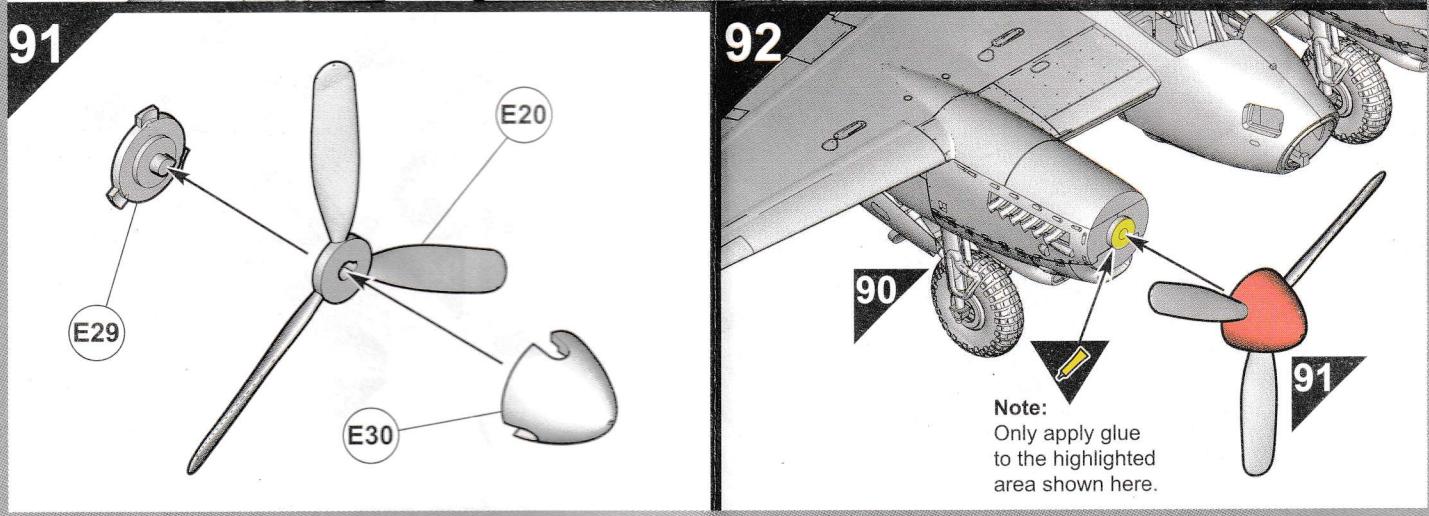
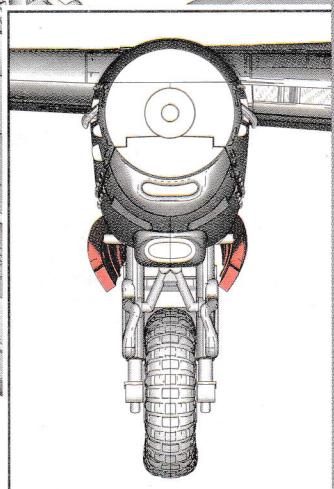
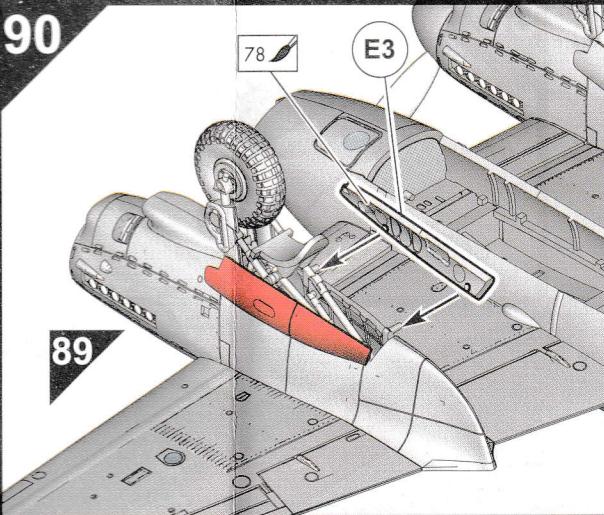
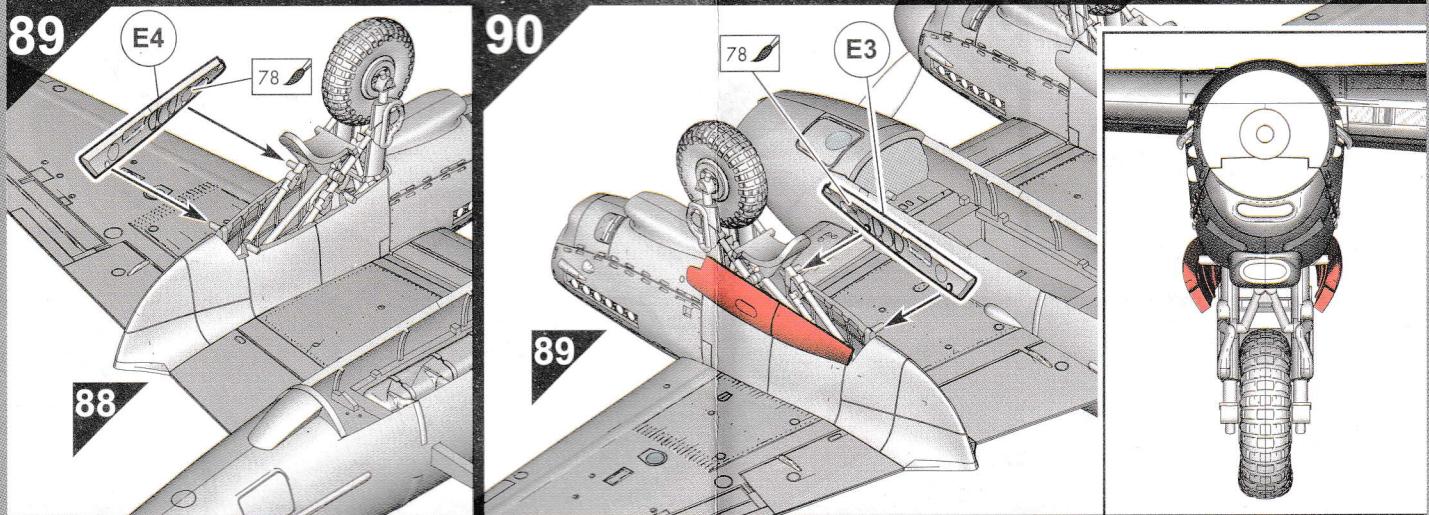
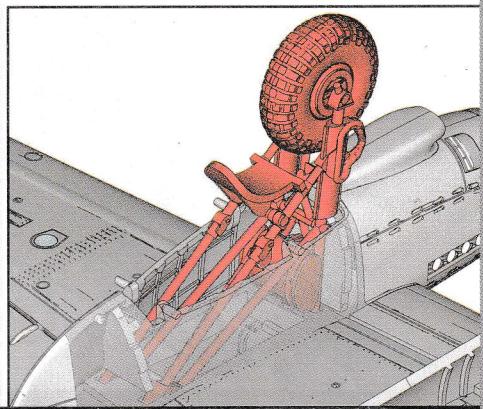
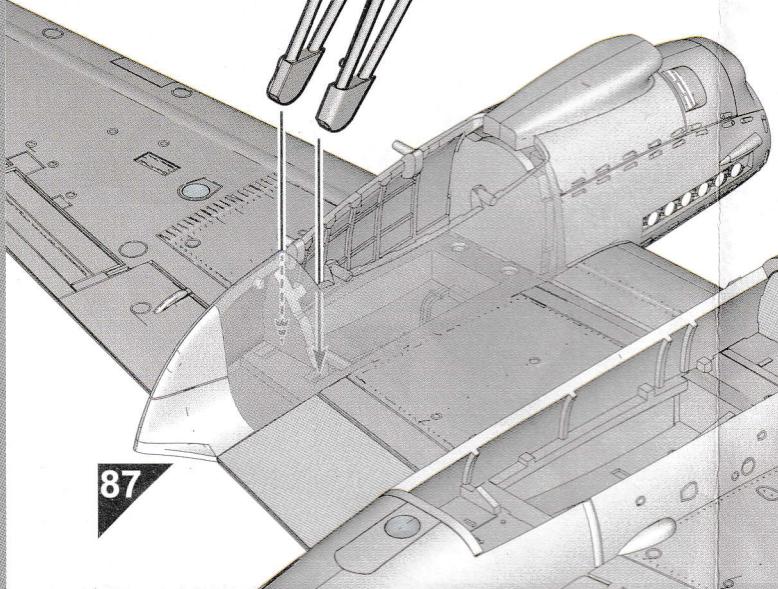
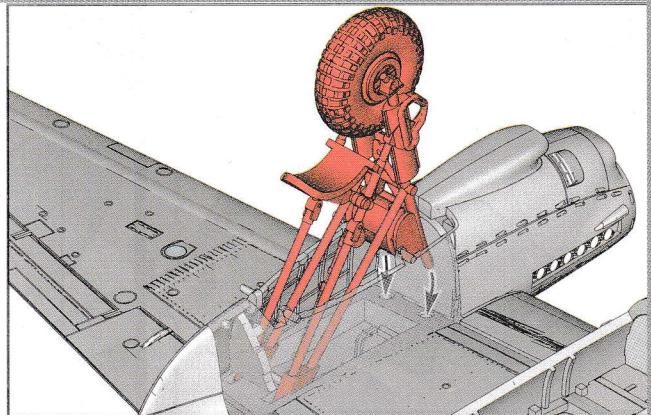
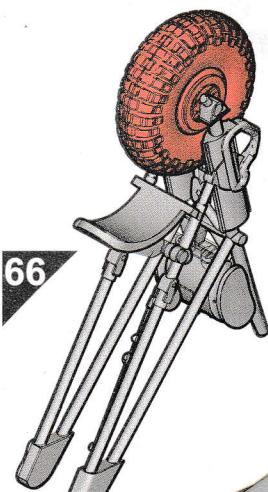


87

56

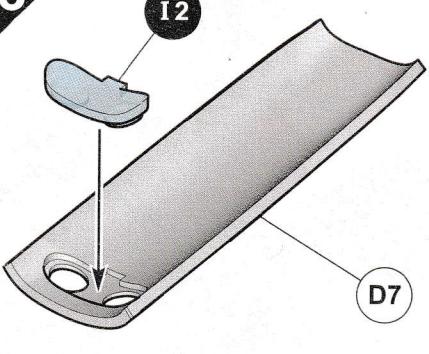


88

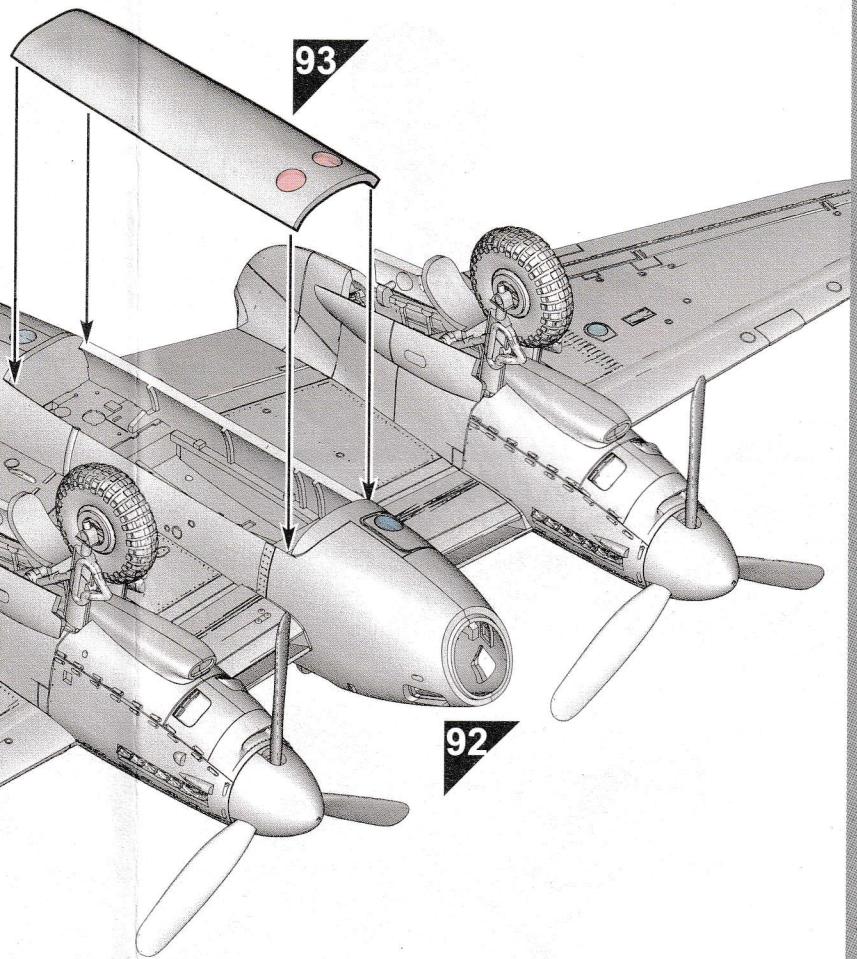


Note:
Only apply glue
to the highlighted
area shown here.

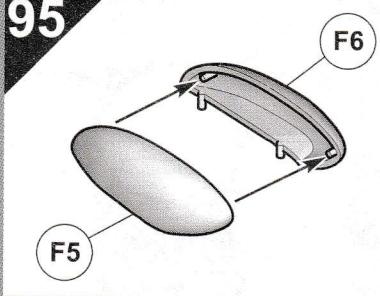
93



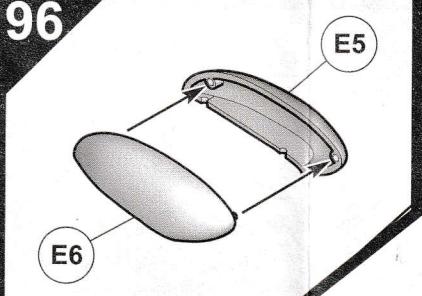
94



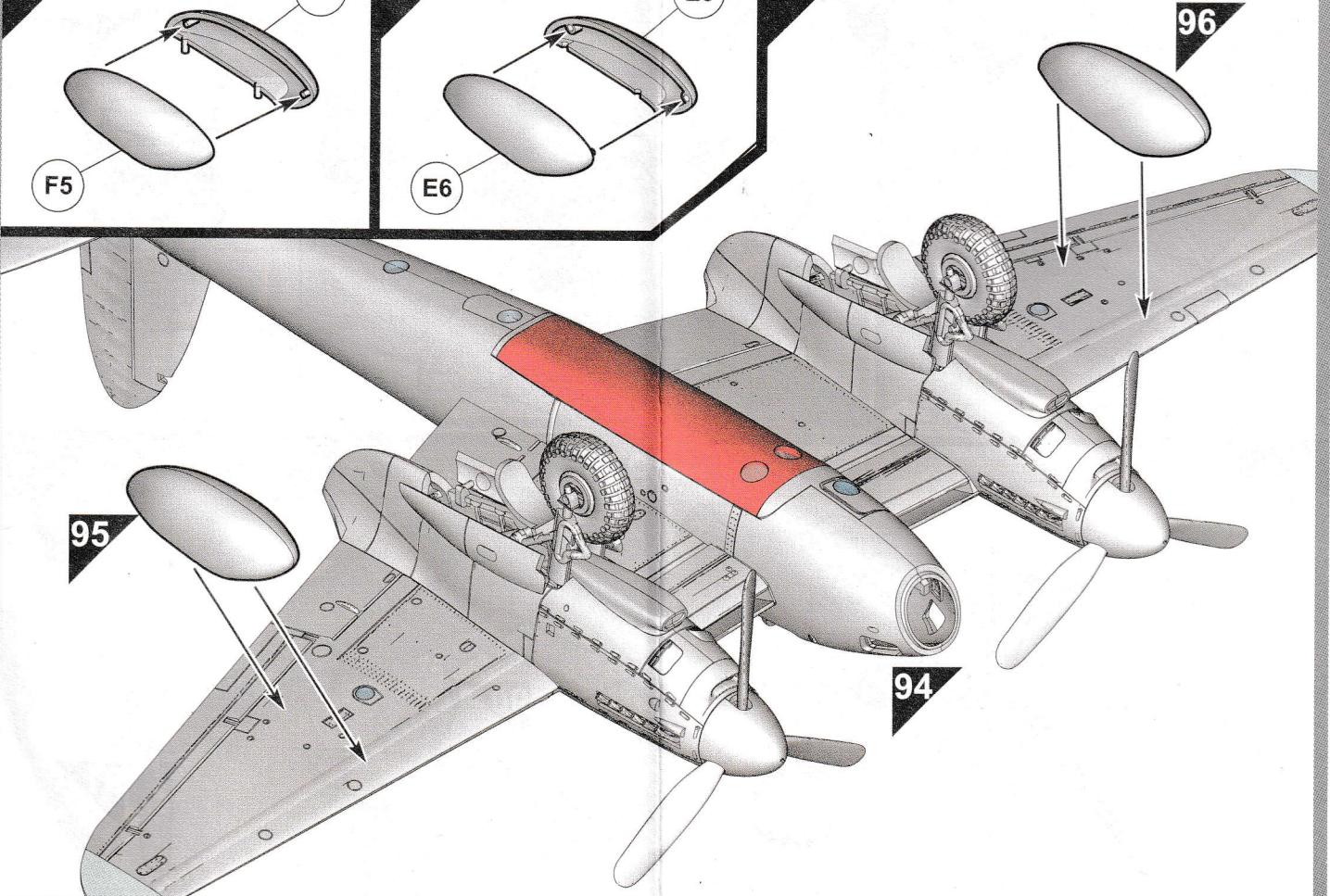
95



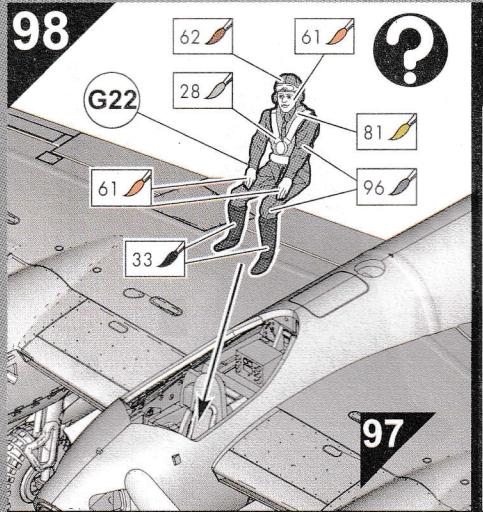
96



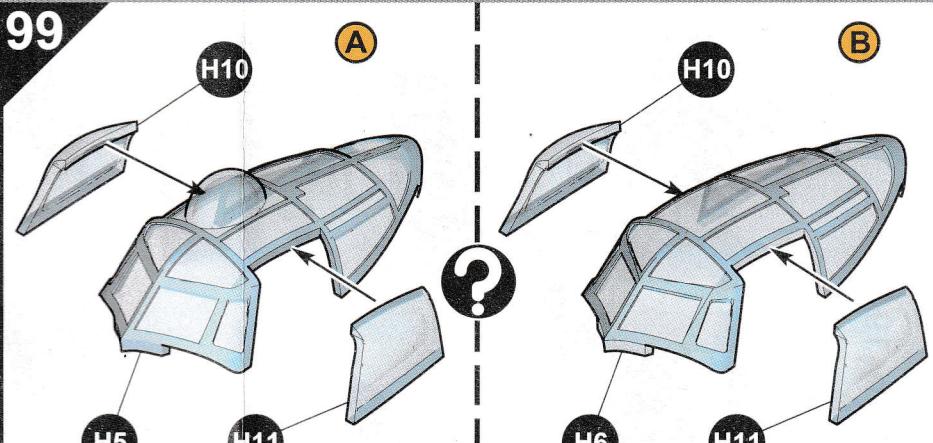
97



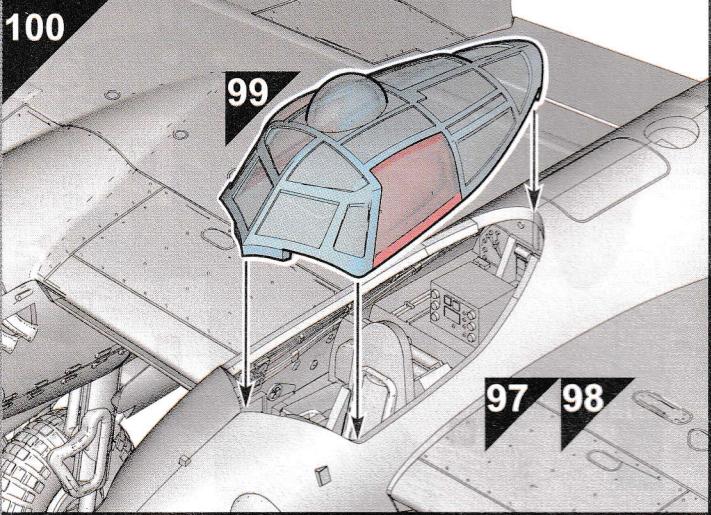
98



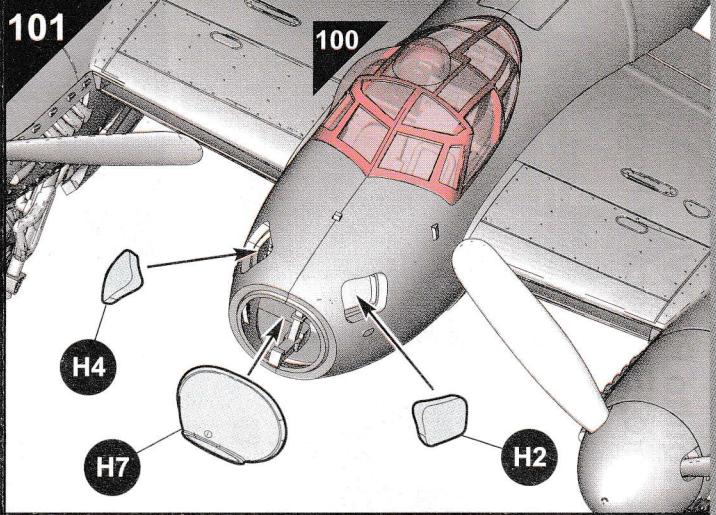
99



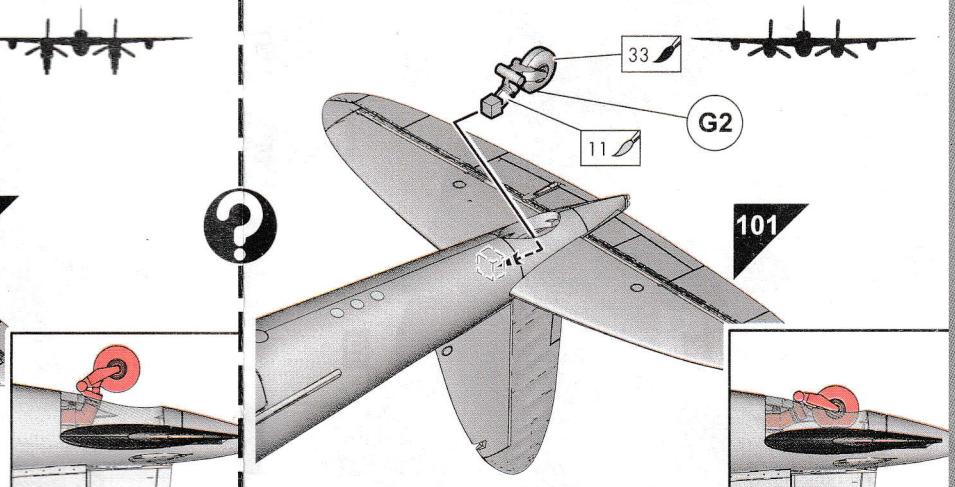
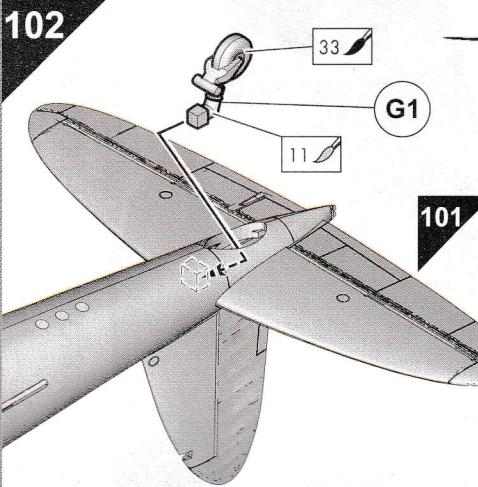
100



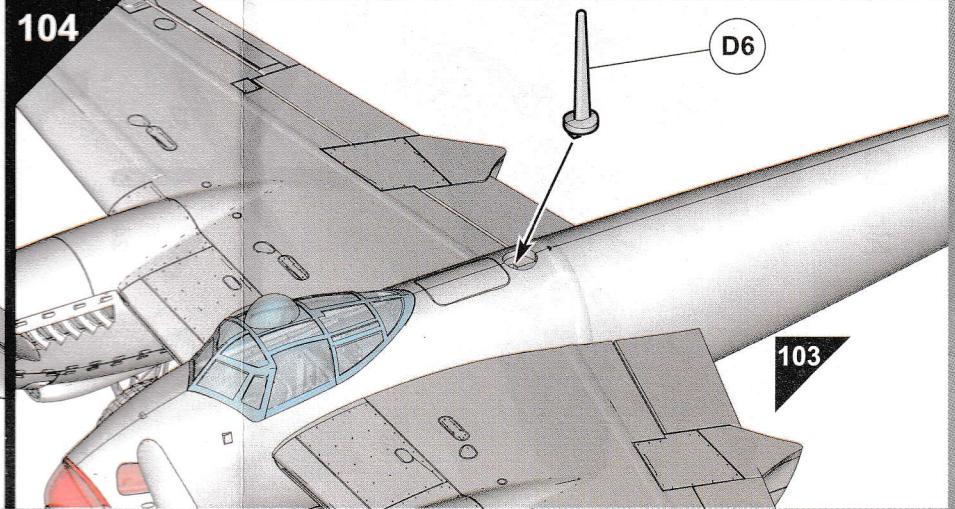
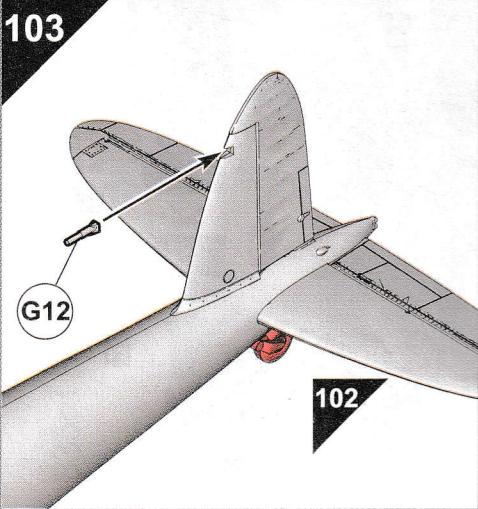
101



102

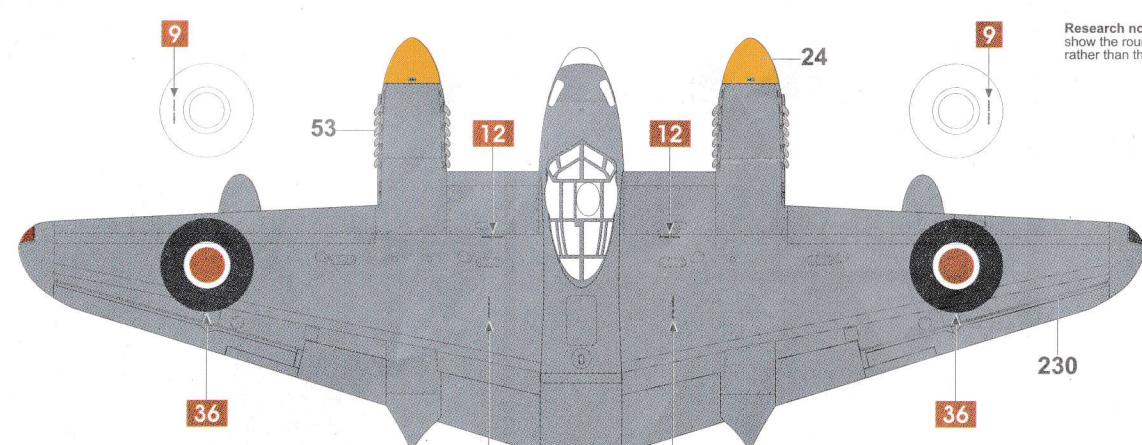


103

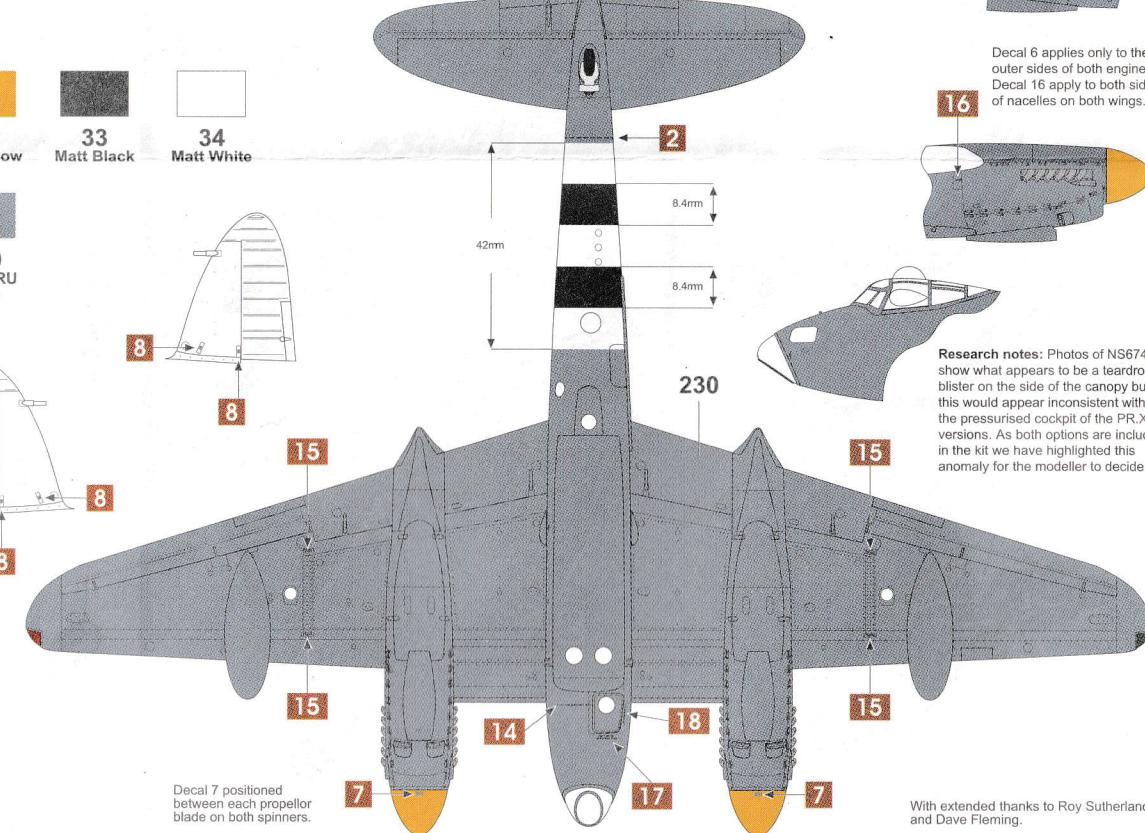
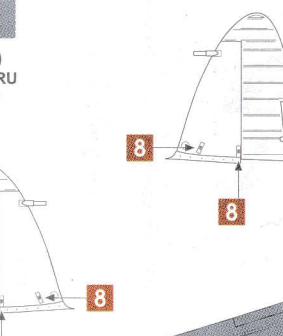
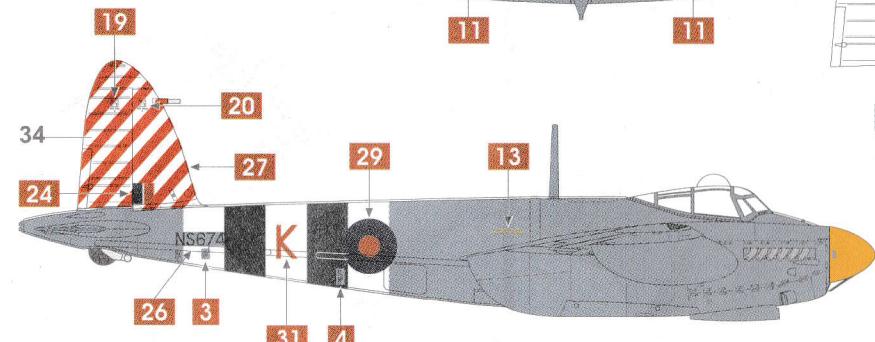
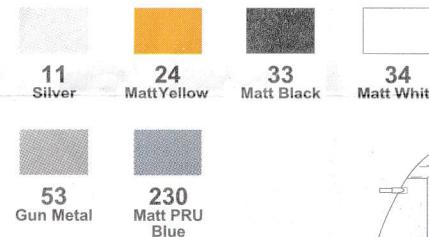
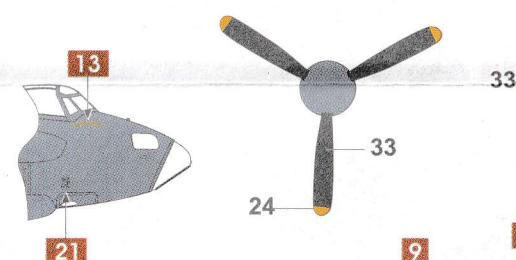
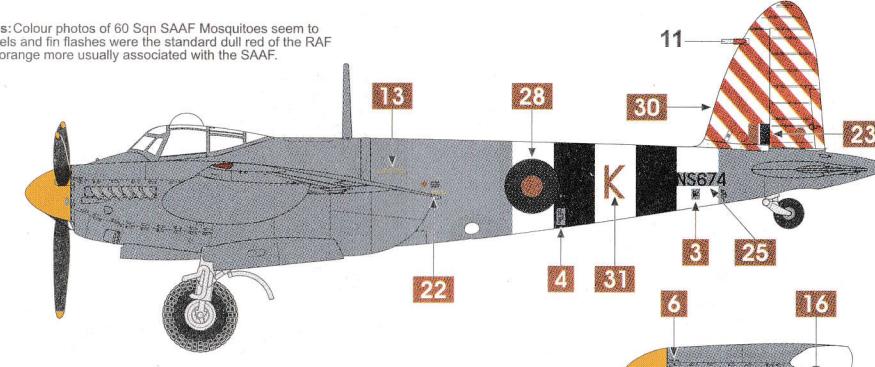


Ade Havilland Mosquito PR.XVI

No. 60 Squadron South African Air Force, San Savero, Province of Foggia, Italy, January 1945.



Research notes: Colour photos of 60 Sqn SAAF Mosquitos seem to show the roundels and fin flashes were the standard dull red of the RAF rather than the orange more usually associated with the SAAF.



Decal 7 positioned between each propeller blade on both spinners.

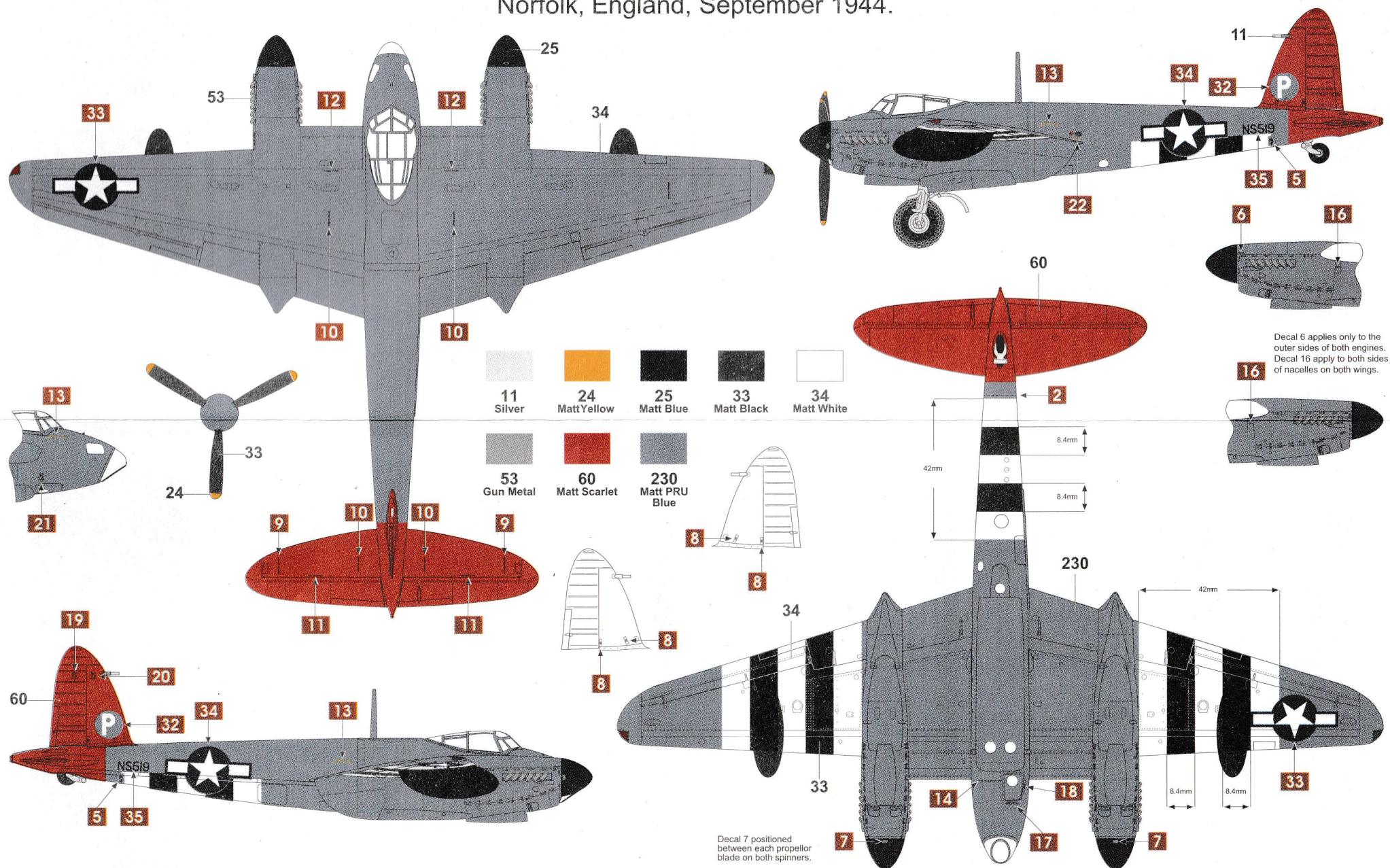
Decal 6 applies only to the outer sides of both engines.
Decal 16 apply to both sides of nacelles on both wings.

Research notes: Photos of NS674 show what appears to be a leadrop blister on the side of the canopy but this would appear inconsistent with the pressurised cockpit of the PR.XVI versions. As both options are included in the kit we have highlighted this anomaly for the modeller to decide.

With extended thanks to Roy Sutherland and Dave Fleming.

B de Havilland Mosquito PR.XVI

635rd Bomb Squadron, 25th Bomb Group, 325th Photographic Wing, United States Army Air Force, Royal Air Force Watton, Norfolk, England, September 1944.



Common