

B-17G Flying Fortress

Die Boeing B-17 war eine private Initiative der Firma Boeing und basierte auf dem Schnellreiseflugzeug Boeing Model 247. Boeing hatte keinen Auftrag war aber überzeugt, daß die Militärs in der nächsten Zeit Bedarf an einem viermotorigen Langstreckenbomber haben würden. Als 1934 das US Army Air Corps eine Ausschreibung für einen mehrmotorigen Bomber mit 1.600 km Reichweite bei einer Bombenlast von 2 Tonnen vorlegte, war man bei Boeing bereits gerüstet. In nur drei Wochen konnte man eine Entwurfstudie vorlegen und bereits am 28. July 1935 startete die Modell 299 genannte Maschine zu ihrem ersten Flug. Trotz eines durch Pilotenfehler verursachten Absturzes des Prototypen bestellte das USAAC 17 Vorserienmaschinen unter der Bezeichnung YB-17. Trotzdem war die Zukunft der B-17 ungewiss und erst eine großangelegte PR-Campagne mit zahllosen Rekordflügen weckte erneut das Interesse des amerikanischen Kongresses. Die ersten Serienmaschinen vom Typ B-17B wurden am 20. Oktober 1939 ausgeliefert, weitere 38 Maschinen folgten bis zum März 1940. Der Eintritt Amerikas in den 2. Weltkrieg beschleunigte die weitere Entwicklung der B-17, die nun auf dem europäischen Kriegsschauplatz dringend benötigt wurden. Die erste wirkliche Großserie waren 3.405 B-17F, die in verschiedenen Werken gebaut wurden. Sie trugen in den ersten Kriegsmontaten die Hauptlast der Angriffe auf Ziele in Deutschland unter dem Kommando der 8. Luftflotte. Die B-17G, die zum ersten Mal am 21. Mai 1943 flog war die ultimative B-17. Von diesem Typ wurden bis zum 29. Juli 1945 insgesamt 8.680 Maschinen bei Boeing, Douglas und Lockheed Vega gebaut. Die B-17G unterschied sich äußerlich kaum von der B-17F. Ein charakteristisches Merkmal war der Kinnrumpf unter dem Bug der B-17G mit zwei MGs. Ein Merkmal, das aber auch die letzten 86 bei Douglas gebauten Maschinen der Serie B-17F aufwiesen. Von den B-17G erhielt England 85 Maschinen, die dort als Fortress III bezeichnet wurden und beim Bomber Command sowie beim Coastal Command zum Einsatz kamen. Einige erbeutete B-17G flogen auch in der deutschen Luftwaffe, dort wurden sie vom KG 200 für Schulungen mit Jagereinheiten und für geheime Operationen eingesetzt. Die in Europa eingesetzten B-17 unterstanden der 8. Air Force, die in insgesamt 26 Geschwadern (Wings) in Dienst standen. In Europa flogen die B-17 insgesamt 291.508 Einsätze bei denen 640.036 Tonnen Bomben abgeworfen wurden. 4.688 Maschinen gingen dabei verloren. Nach dem 2. Weltkrieg wurde die B-17 mit verschiedenen Aufgaben weiter geflogen. Selbst im Koreakrieg und zu Beginn des Vietnamkrieges flogen die B-17 verschiedene Spezial Einsätze. Eine Handvoll B-17 hat bis heute überlebt und wird auf Flugtagen noch immer geflogen.

Technische Daten

Spannweite	31,62 m
Länge	2,65 m
Höhe	5,85 m
Motoren	4 x Wright R-1820-97 Cyclone
Leistung	4 x 1 000 PS bei 2 300 U/min
Leergewicht	17 926 kg
Startgewicht	29 972 kg
Reisegeschwindigkeit	257 km/h
Höchstgeschwindigkeit	485 km/h
Dienstgipfelhöhe	11 094 m
Reichweite	6 033 km
Bombenzuladung	8 731 kg
Bewaffnung	11 MGs Kaliber 12,5 mm
Besatzung	10 Mann

B-17G Flying Fortress

The Boeing B-17 was a private initiative on the part of Boeing based on the Boeing 247 fast passenger aircraft. Boeing had received no order, but were convinced that the military would need a four-engined long range bomber in the near future. When in 1934 the US Army Air Corps invited tenders for a multi-engined bomber with a range of 1,600 km and a bomb load of 2 tonnes, Boeing were ready for them. It only took them 3 weeks to submit a draft design and by 28th July 1935 the model 299 took off on its maiden flight. Although the prototype crashed due to pilot error, the USAAC ordered 17 pre-production machines under the designation YB-17. Nevertheless the future of the B-17 was uncertain and it took a major PR campaign with numerous record flights to reawaken the interest of the American Congress. The first type B-17B production machines were delivered on 20th October 1939, followed by a further 38 by March 1940. The American entry into World War II accelerated the development of the B-17, which was now urgently needed in the European theatre of war. The first large-scale series consisted of 3,405 B-17Fs which were built in various works. In the early months of the war they bore the main burden of attacks on targets in Germany under the command of the 8th Air Fleet. The B-17G, which flew for the first time on 21st May 1943, was the ultimate B-17. By 29th July 1945, a total of 8,680 of this type had been built by Boeing, Douglas and Lockheed Vega. The B-17G differed little from the B-17F externally. A characteristic feature was the chin turret with two machine guns under the nose of the B-17G, a feature that is also present on the last 86 of the B-17F series built by Douglas. England received 85 B-17Gs which were known there as the Fortress III and used by Bomber Command and also by Coastal Command. Some of the B-17Gs also flew in the German Luftwaffe, where they were used by tactical wing KG 200 for training with fighter units and for secret operations. The B-17s used in Europe were under the command of the 8th Air Force, which had 26 wings in service. In Europe the B-17 flew a total of 291,508 missions in which 640,036 tonnes of bombs were dropped, with a loss of 4,688 machines. After World War II the B-17 continued in service in various roles. In the Korean War and at the beginning of the Vietnam War the B-17 flew a variety of special missions. A handful of B-17s have survived to this day and still take part in flying events.

Technical data:

Wing span	31,62 m
Length	2,65 m
Height	5,85 m
Engines	4 Wright R-1820-97 Cyclones
Capacity	4 x 1,000 hp at 2,300 rpm
Weight empty	17,926 kg
Take-off weight	29,972 kg
Cruising speed	257 km/h
Maximum speed	485 km/h
Service ceiling	11,094 m
Range	6,033 km
Bomb load	8,731 kg
Armament	11 MGs 12.5 calibre
Crew	10 men

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Verwendete Symbole / Used Symbols

Bitte beachten Sie folgende Symbole, die in den nachfolgenden Baustufen verwendet werden.
Veuillez noter les symboles indiqués ci-dessous, qui sont utilisés dans les étapes suivantes du montage.
 Sirvase tener en cuenta los símbolos facilitados a continuación, a utilizar en las siguientes fases de construcción.
Si prega di fare attenzione ai seguenti simboli che vengono usati nei susseguenti stadi di costruzione.
 Huomioi seuraavat symbolit, joita käytetään seuraavissa kokonaisvaiheissa.
Legg merke til symbolene som benyttes i monteringsstadiene som følger.
 Prosze zwracać na następujące symbole, które są użyte w poniższych etapach montażowych.
Daha sonraki montaj basamaklarında kullanılacak olan, aşağıdaki sembollere lütfen dikkat edin.
 Kérjük, hogy a következő szimbólumokat, melyek az alábbi építési fokokban alkalmazásra kerülnek, vegyétek figyelembe.

Please note the following symbols, which are used in the following construction stages.
Neem a.u.b. de volgende symbolen in acht, die in de onderstaande bouwfasen worden gebruikt.
 Por favor, preste atenção aos símbolos que seguem pois os mesmos serão usados nas próximas etapas de montagem.
Observed: Nedanstående piktogram används i de följande arbetsmomenten.
 Läs vänligst märke till följande symboler, som benyttes i de följande byggelaser.
 Пожалуйста, обратите внимание на следующие символы, которые используются в последующих операциях сборки.
 Παρακαλώ προσέξτε τα παρακάτω σύμβολα, τα οποία χρησιμοποιούνται στις παρακάτω βαθμίδες συναρμολόγησης.
Dbejte prosím na dále uvedené symboly, které se používají v následujících konstrukčních stupních.
 Prosimo za Vašu pozornost na sledeće simbole ki se uporabljajo v naslednjih korakih gradbe.



Abziehbild in Wasser einweichen und anbringen
 Soak and apply decals
 Mouiller et appliquer les décalcomanies
 Transfer in water even laten weken en aanbrengen
 Remojar y aplicar las calcomanías
 Pôr de molho em água e aplicar o decalque
 Immergere in acqua ed applicare decalcomanie
 Blöti och läst dekalerna
 Kostuta siirrokuvaa vedessä ja aseta paikalleen
 Fukt motivet i varmt vatten och låt det över på modellen
 Dupp bildet i vann og sett det på
 Перезоудную картинку намочить и нанести
 Zmiękczyć kalkonię w wodzie a następnie nakleić
 Βουτήξτε τη χαλκομανία στο νερό και τοποθετήστε τη
 Çıkartmayı suda yumuşatın ve koyun
 Obtisk namočiti ve vodě a umístit
 a matricát vízben beáztatni és felhelyezni
 Preslikač potopiti v vodo in zatem nanašati



Kleben
 Glue
 Coller
 Lijmen
 Engomar
 Colar
 Incollare
 Limmas
 Liimaa
 Limes
 Lim
 Клеить
 Przykleić
 κόλλημα
 Yapıştırma
 Lepeni
 ragasztani
 Lepiti



Nicht kleben
 Don't glue
 Ne pas coller
 Niet lijmen
 No engomar
 Não colar
 Non incollare
 Limmas ej
 Älä liimaa
 Skal ikke limes
 Ikke lim
 Не клеить
 Nie przyklejać
 μη κόλλάτε
 Yapıştırılmayın
 Nelepit
 nem szabad ragasztani
 Ne lepiti



Wahlweise
 Optional
 Facultatif
 Naar keuze
 No engomar
 Alternado
 Facoltativo
 Valfritt
 Vaihtoehtoisesti
 Valgfritt
 Valgfritt
 Ha valibor
 Do wyboru
 εναλλακτικά
 Segmelli
 Voliteľné
 tetszés szerint
 način izbire



Anzahl der Arbeitsgänge
 Number of working steps
 Nombre d'étapes de travail
 Het aantal bouwstappen
 Número de operaciones de trabajo
 Número de etapas de trabalho
 Numero di passaggi
 Antal arbetsmoment
 Työvaiheiden lukumäärä
 Antall arbeidstrinn
 Antall arbeidstrinn
 Количество операций
 Liczba operacji
 αριθμός των εργασιών
 İş safhalarının sayısı
 Počet pracovních operací
 munkafolyamatok száma
 Številka koraka montaže



Klebeband
 Adhesive tape
 Dévidoir de ruban adhésif
 Plakband
 Cinta adhesiva
 Fita adesiva
 Nastro adesivo
 Teip
 Teippi
 Tape
 Tape
 Клейкая лента
 Taśma klejąca
 κολλητική ταινία
 Yapıştırma bandı
 ôdôdôdôdôdôdôdô
 Tãdã ã "ôdã"ã



Klarsichtteile
 Clear parts
 Pièces transparentes
 Limpiar las piezas
 Peça transparente
 Parte transparente
 Genomsiktliga detaljer
 Läpinäkyvät osat
 Glassklare deler
 Gjennomsiktige deler
 Прозрачные детали
 Elementy przezroczyste
 διαφανή εξαρτήματα
 Seffaf parçalar
 Průzračné díly
 áttetsző alkatrészek
 Delik ki se jasno vide



Gleichen Vorgang auf der gegenüberliegenden Seite wiederholen
 Repeat same procedure on opposite side
 Opérer de la même façon sur l'autre face
 Dezelfde handeling herhalen aan de tegenoverliggende kant
 Realizar el mismo procedimiento en el lado opuesto
 Repetir o mesmo procedimento utilizado no lado oposto
 Stessa procedura sul lato opposto
 Upprepa proceduren på motsatta sidan
 Toista sama toimenpide kuten vierisellä sivulla
 Gjenta prosedyren for den motsatte siden
 Gjenta prosedyren på siden lvers overfor
 Повторять такую же операцию на противоположной стороне
 Taki sam przebieg czynności powtórzyc na stronie przeciwnej
 επαναλάβετε τη ίδια διαδικασία στην απέναντι πλευρά
 Aynı işlemi karşı tarafta tekrarlayın
 Stejný postup zopakovať na protilehlé strane
 ugyanazt a folyamatot a szemben található oldalon megismételni
 Isti postopek ponoviti in na suprotni strani



Abbildung zusammengesetzter Teile
 Illustration of assembled parts
 Figure représentant les pièces assemblées
 Afbeelding van samengevoegde onderdelen
 Ilustración piezas ensambladas
 Figura representando peças encaixadas
 Ilustrazione delle parti assemblate
 Bilden visar delarna hopsatta
 Kuva yhteenliitetystä osista
 Illustrasjonen viser de sammensatte delene
 Illustrasjon, sammensatte deler
 Изображение смонтированных деталей
 Rysunek złożonych części
 απεικόνιση των συναρμολογημένων εξαρτημάτων
 Birleştirilen parçaların şekli
 Zobrazení sestavených dílů
 összeállított alkatrészek ábrája
 Slika slopljenega dela



Mit einem Messer abtrennen
 Detach with knife
 Détacher au couteau
 Met een mesje afsnijden
 Separarlo con un cuchillo
 Separar utilizando uma faca
 Staccare col coltello
 Skär loss med kniv
 Irrota veitsellä
 Adskilles med en kniv
 Skjær av med en kniv
 Отделить ножом
 Odciać nożem
 διαχωρίστε με ένα μαχαίρι
 Bir bıçak ile kesin
 Oddélit pomocí nože
 kés segítségével leválasztani
 Oddeliti z nožem

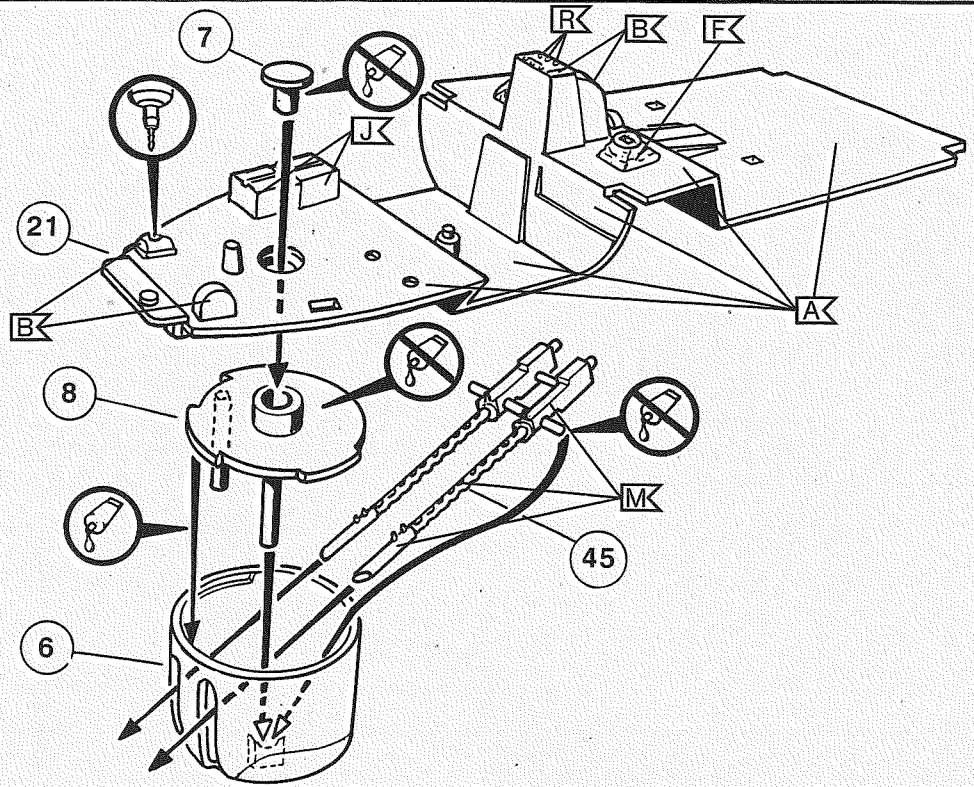


Loch bohren
 Make a hole
 Faire un trou
 Maak een gat
 Practicar un taladro
 Perfurar
 Fare un foro
 Borra hål
 Poraa reikä
 Der bores et hul
 Bor hull
 Провести отверстие
 wywiercić otwór
 ανοίξτε τρύπα
 Delik açın
 Vyvrát díru
 lyukat fúrni
 Narediti lukinjo

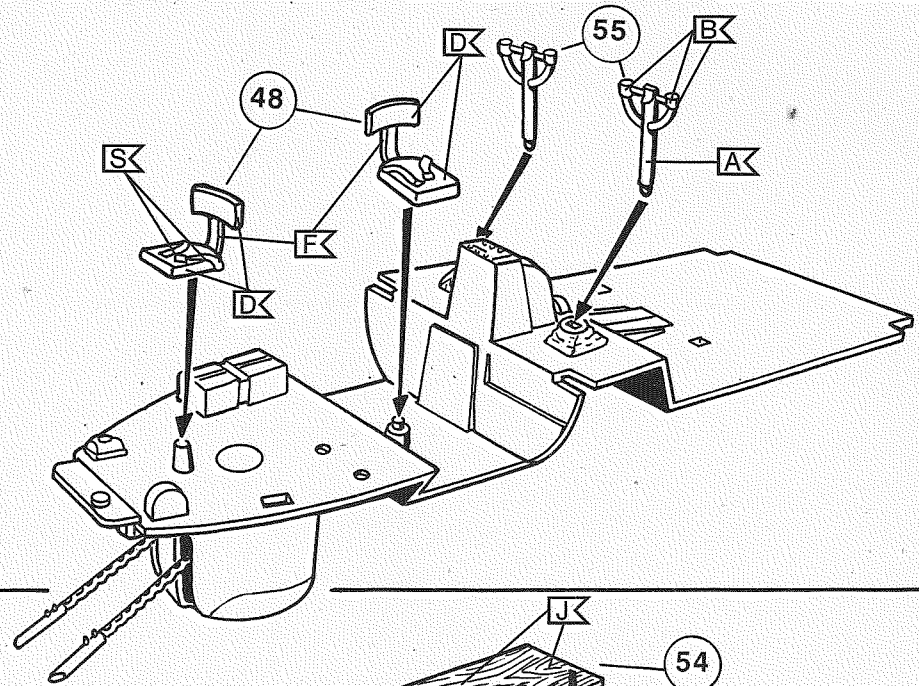


Entfernen
 Remove
 Détacher
 Delacher
 Verwijderen
 Sacar
 Retirar
 Eliminare
 Tag loss
 Poista
 Fjern
 Fjern
 Удалить
 Usunąć
 απομακρύνετε
 Temizleyin
 Odstranit
 eltávolítani
 Ostraniti

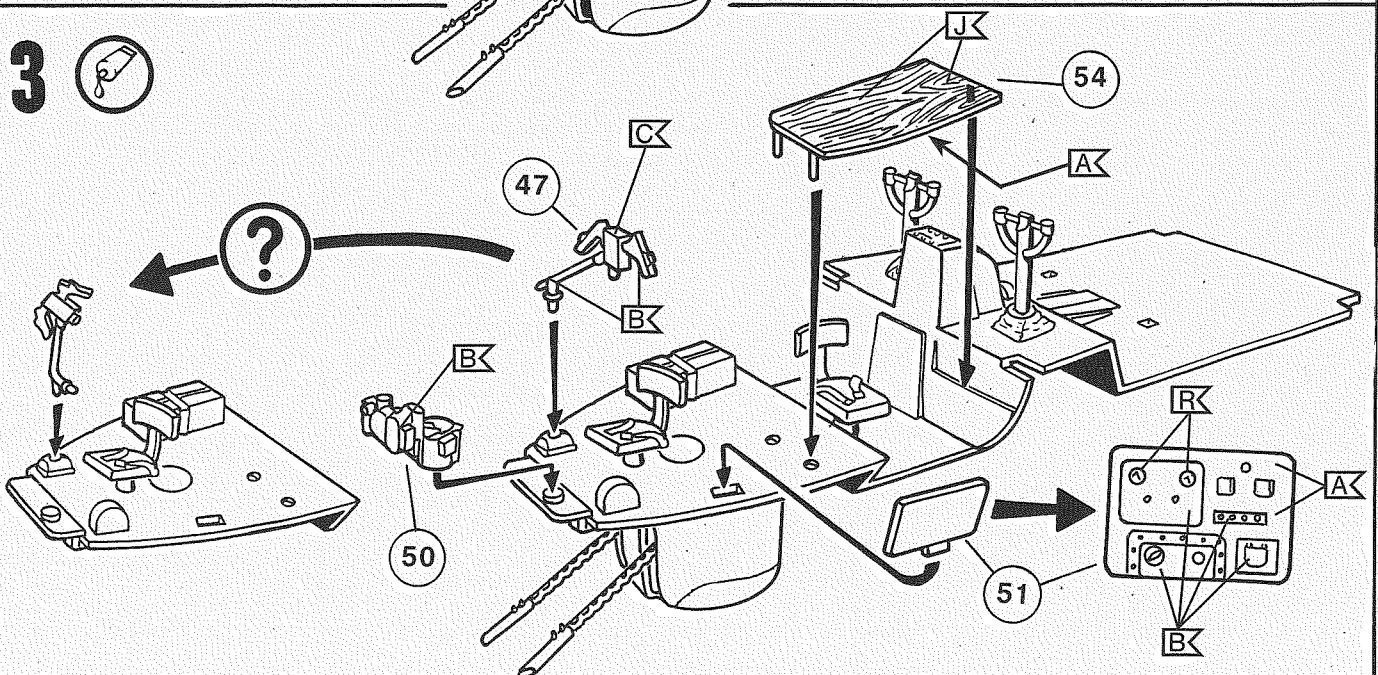
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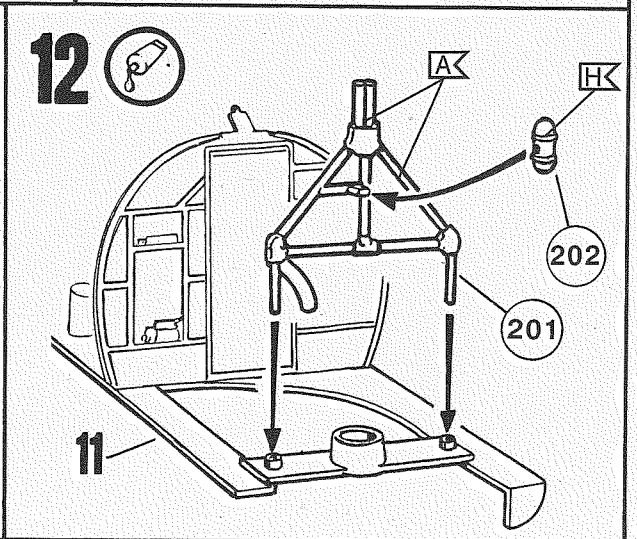
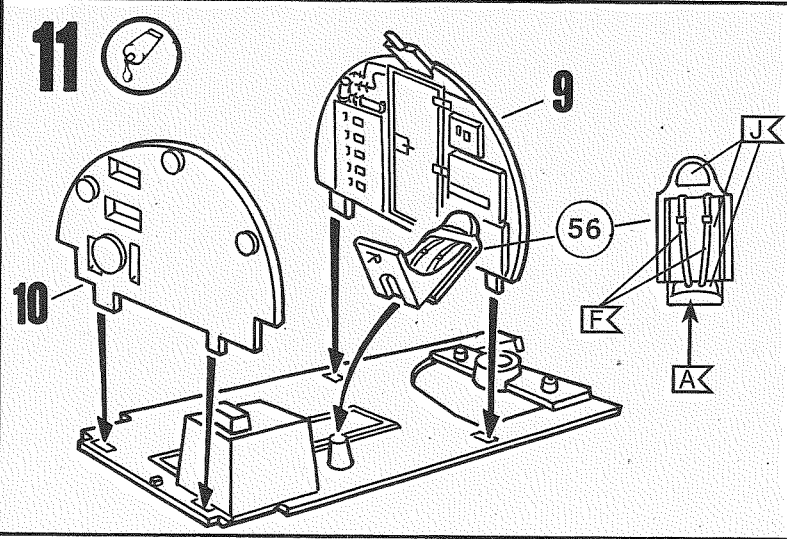
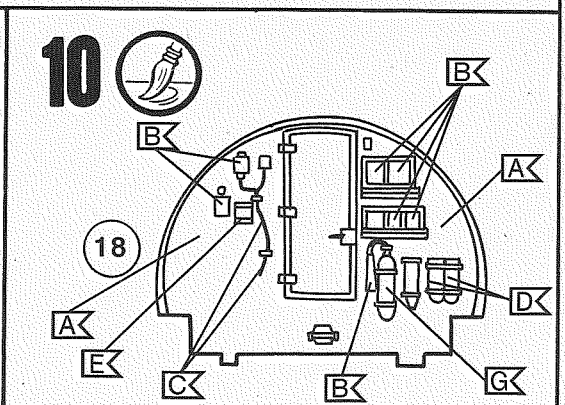
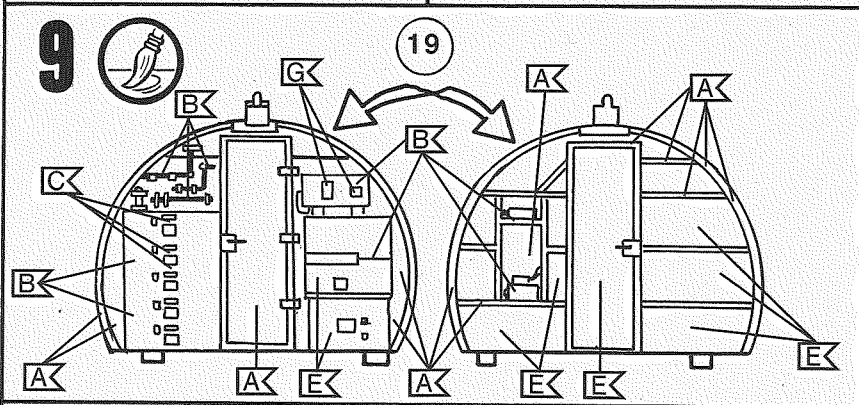
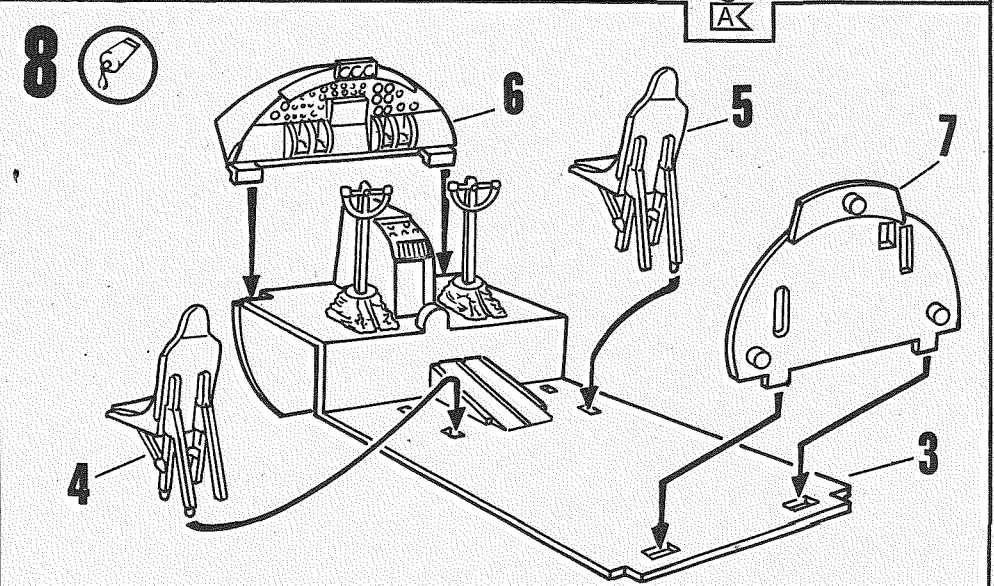
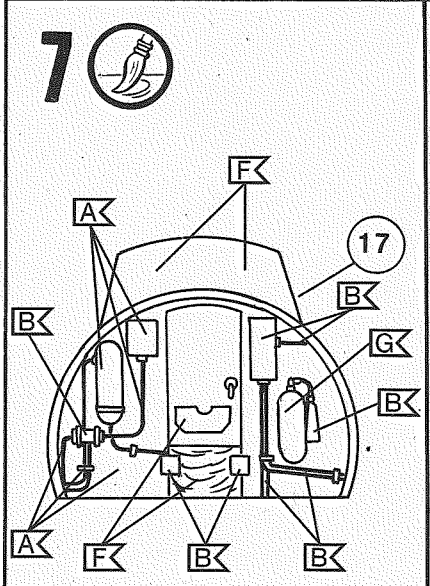
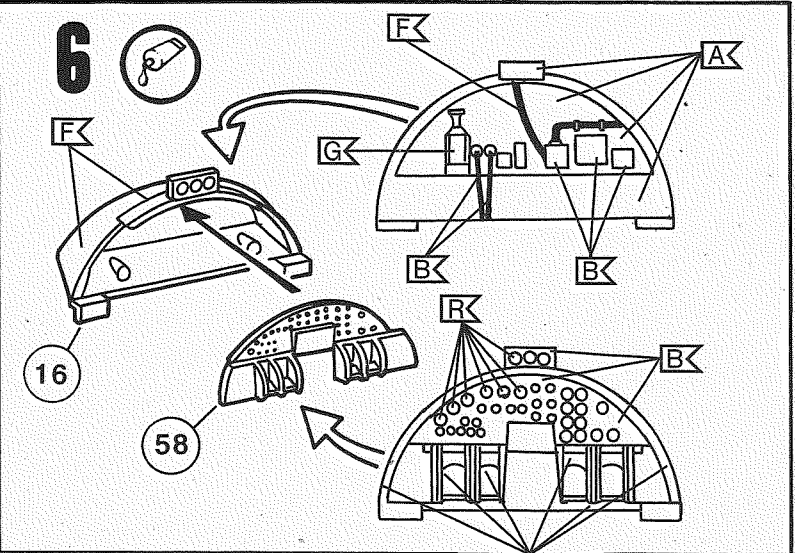
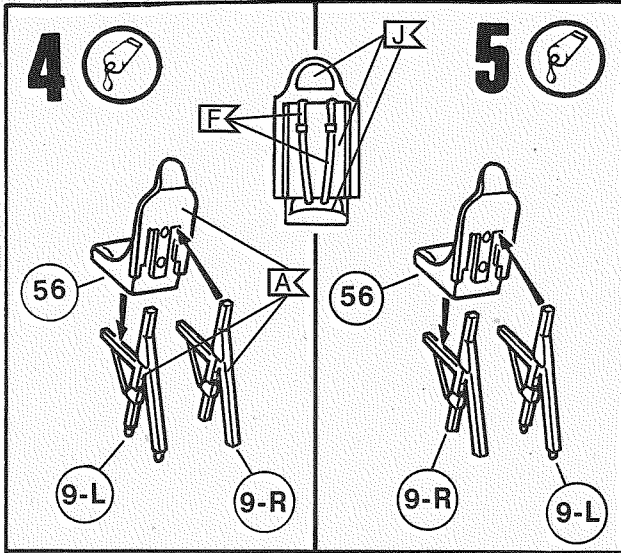


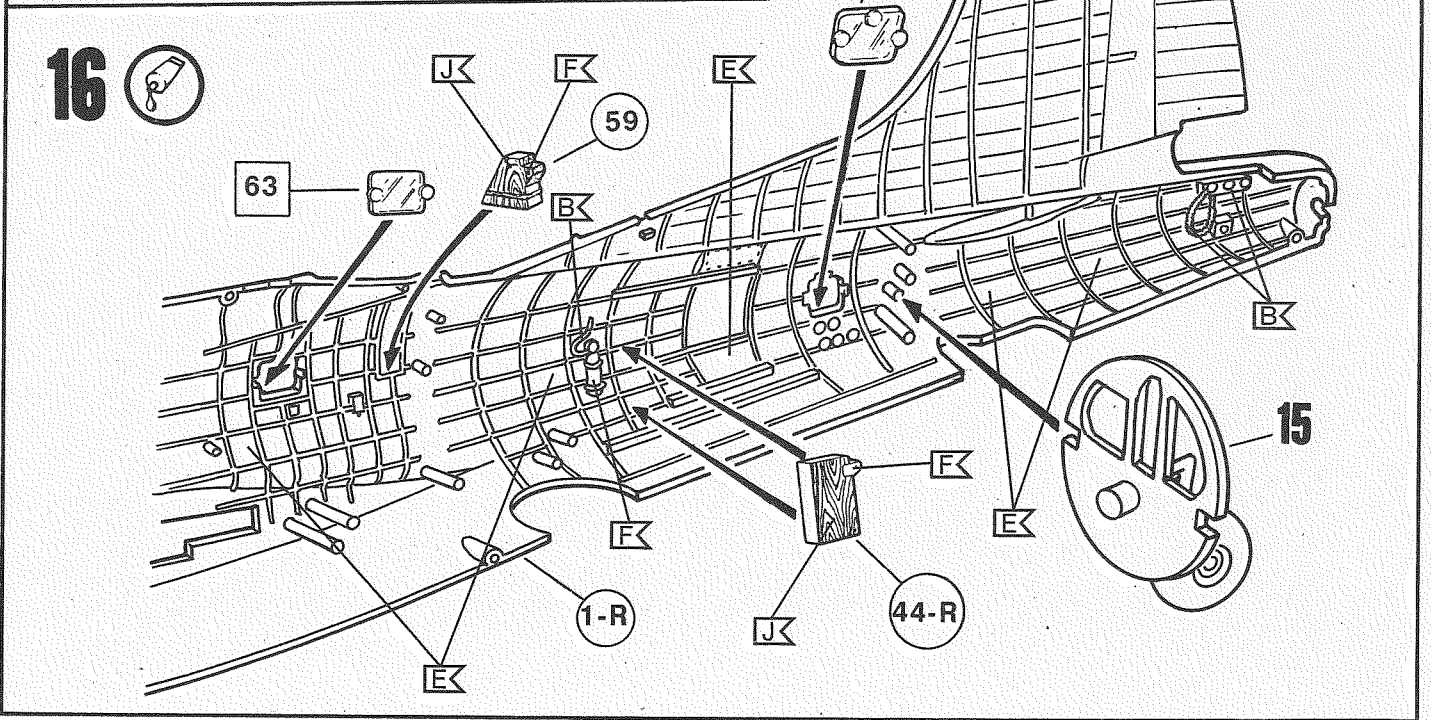
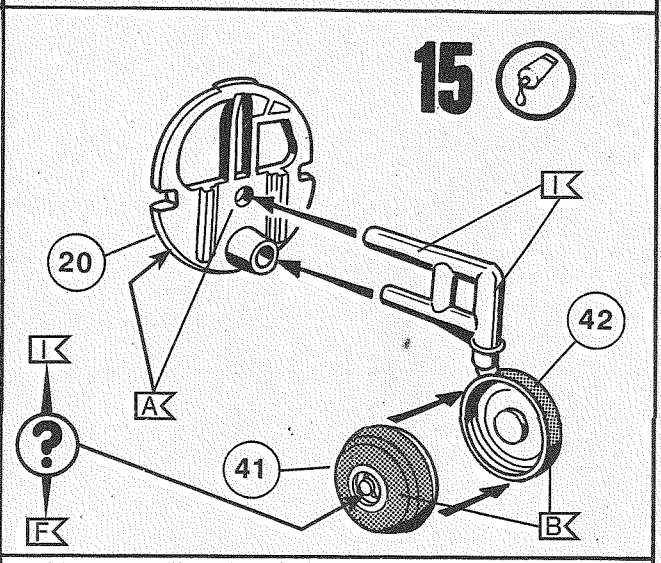
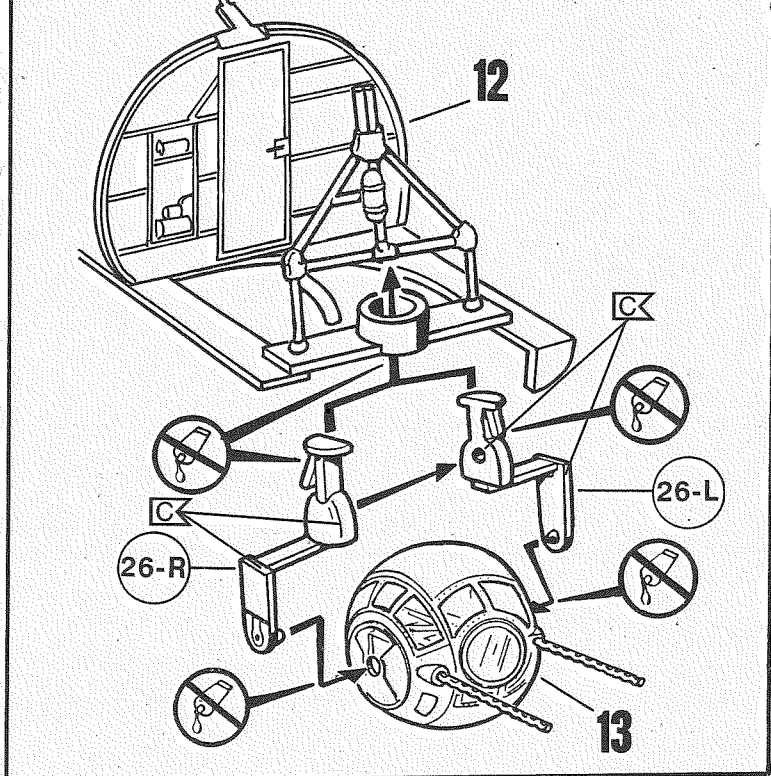
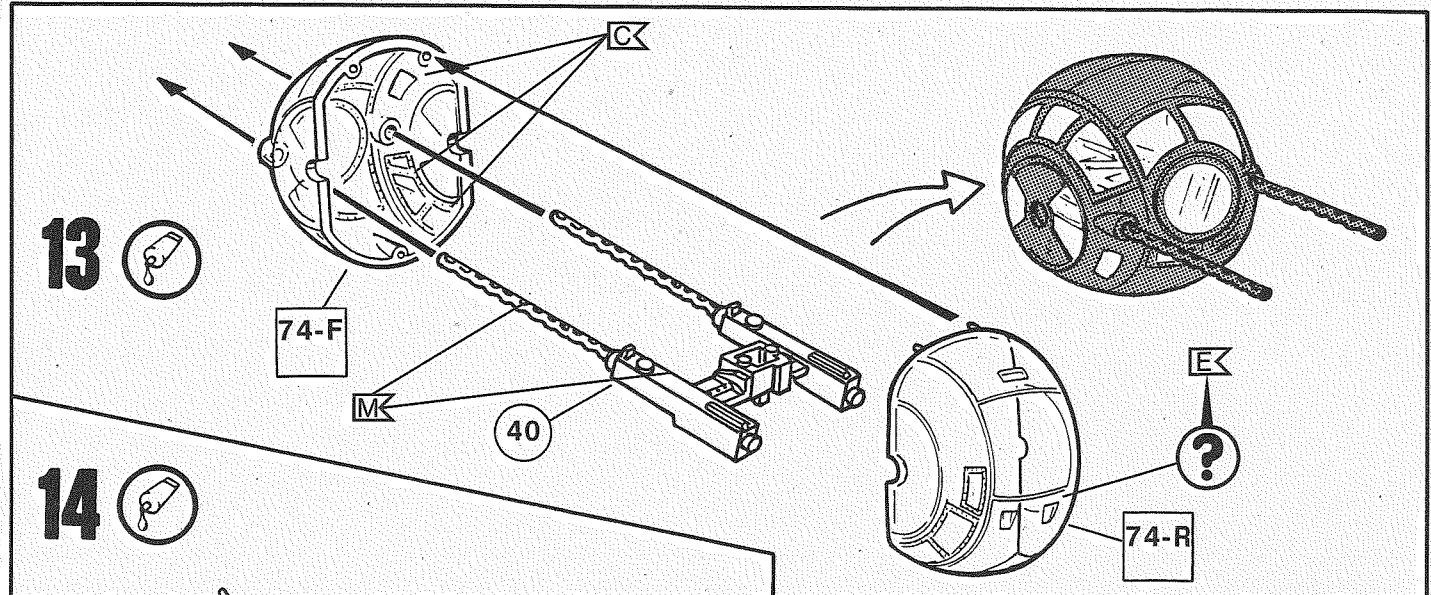
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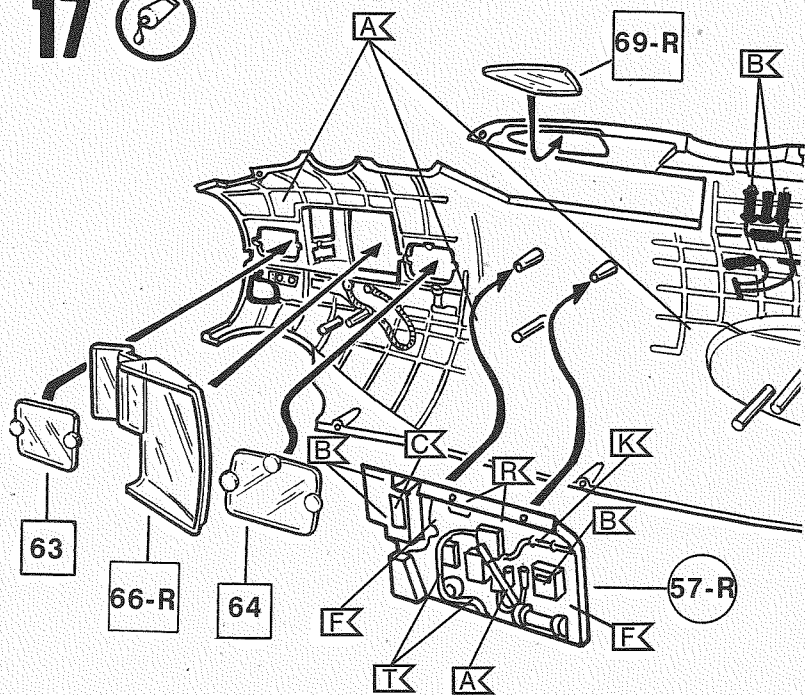
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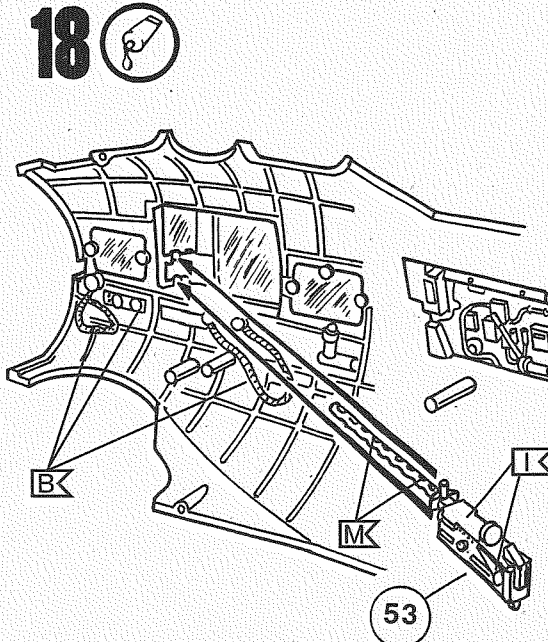




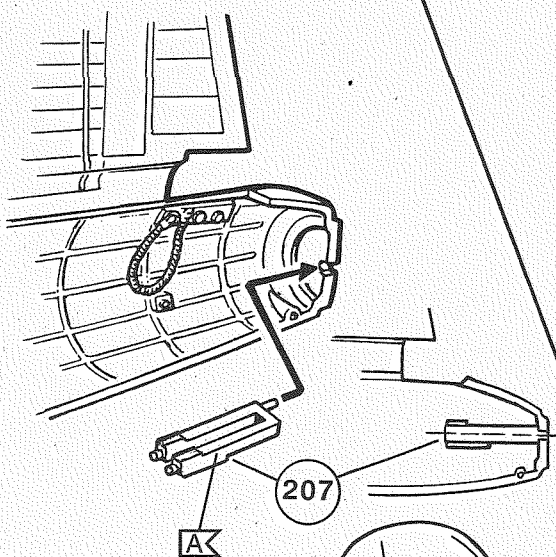
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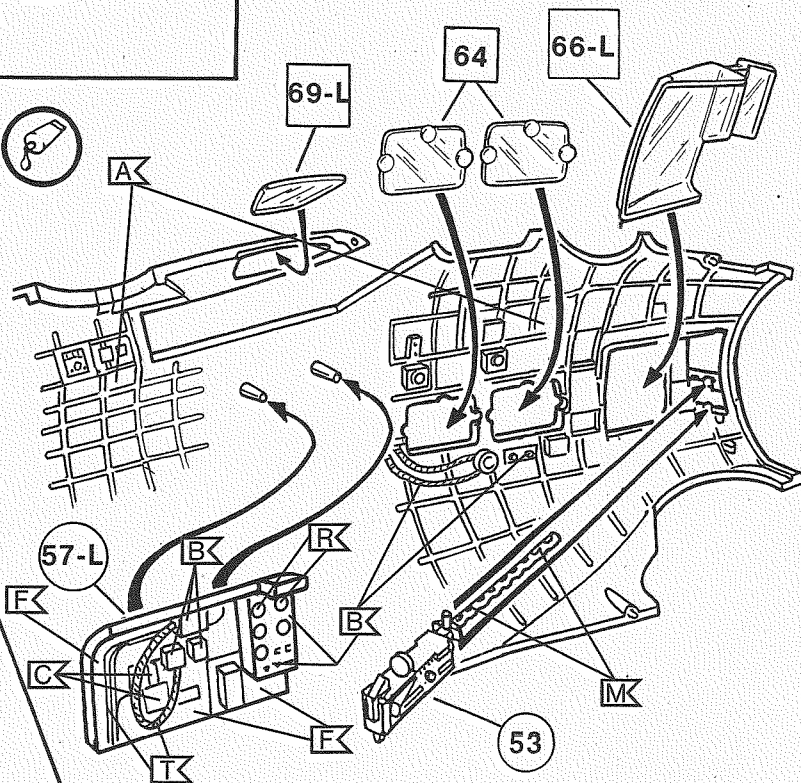
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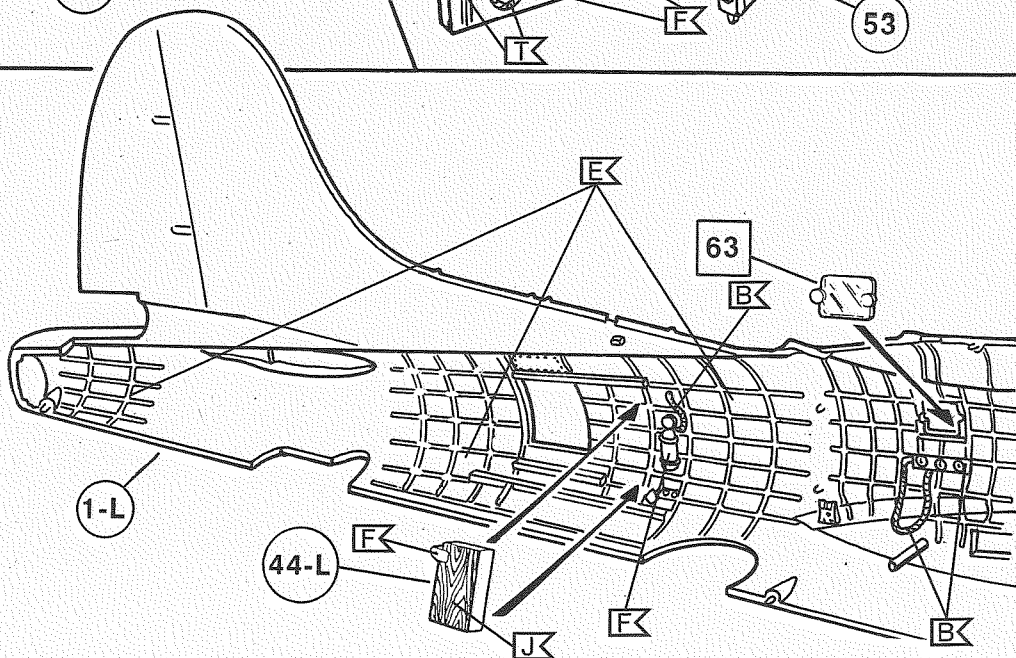
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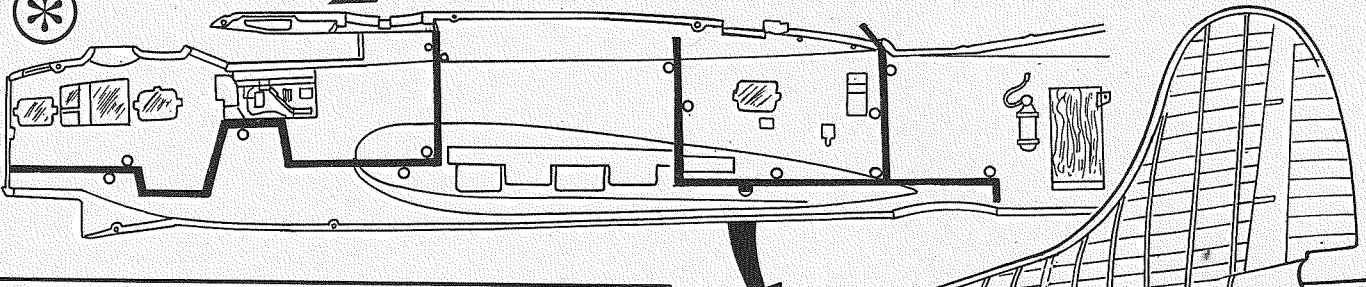
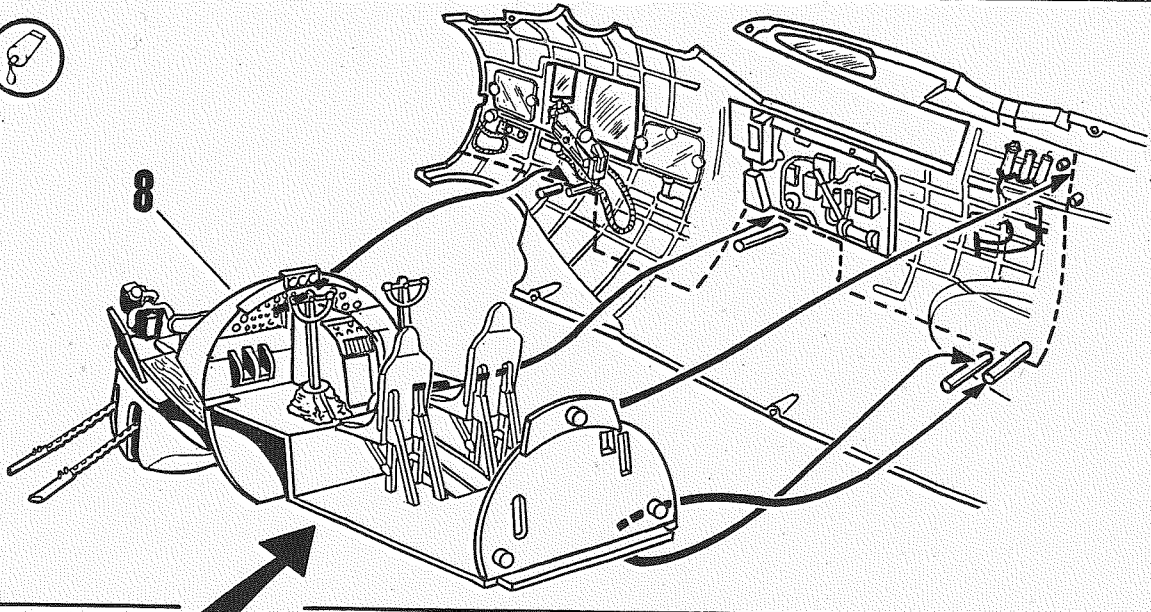
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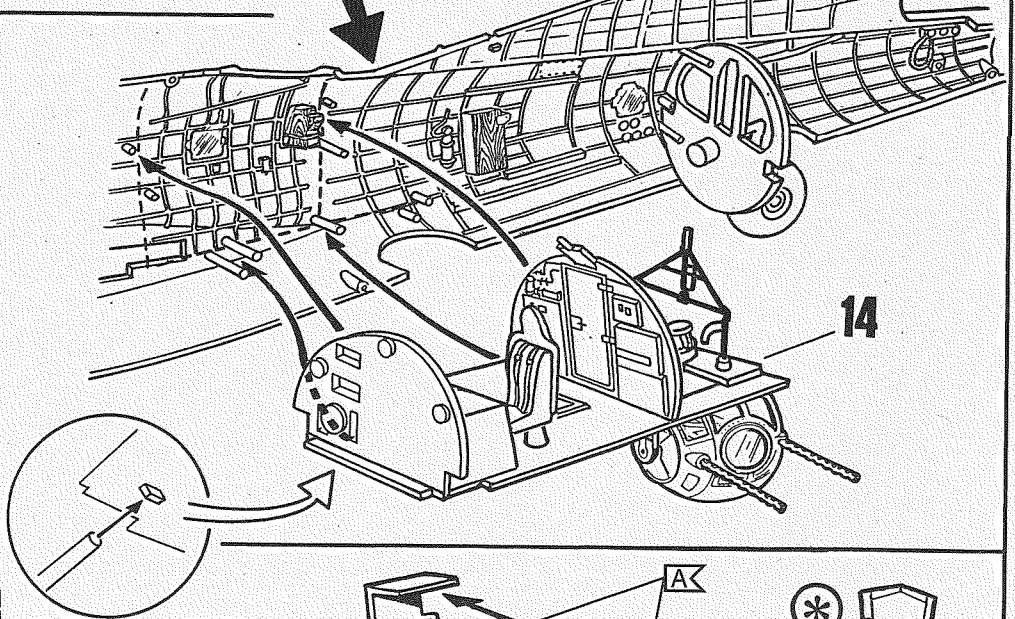
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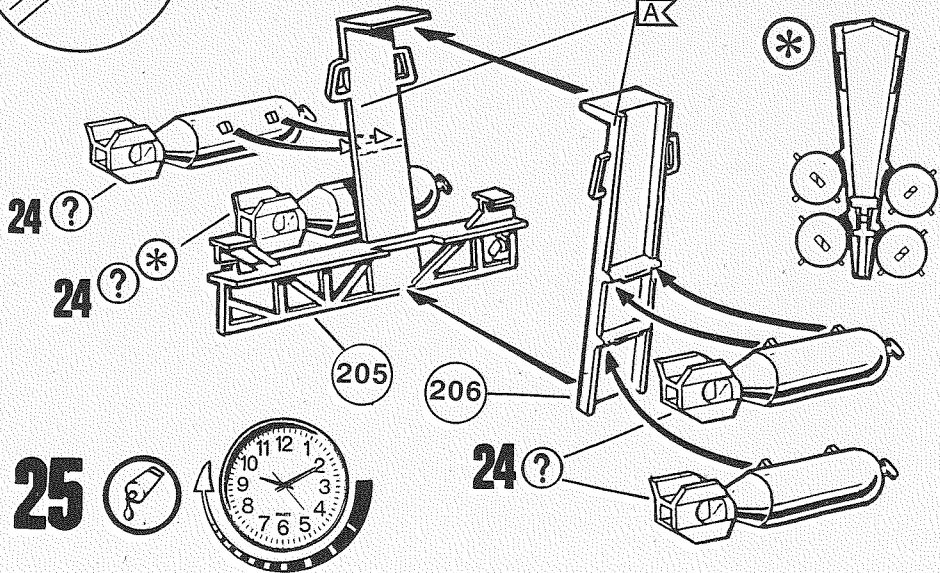
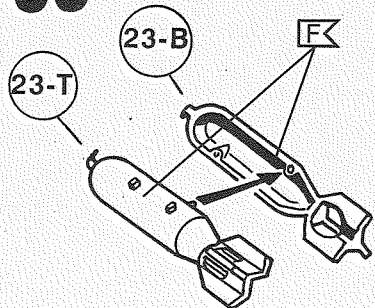
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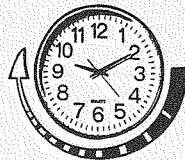
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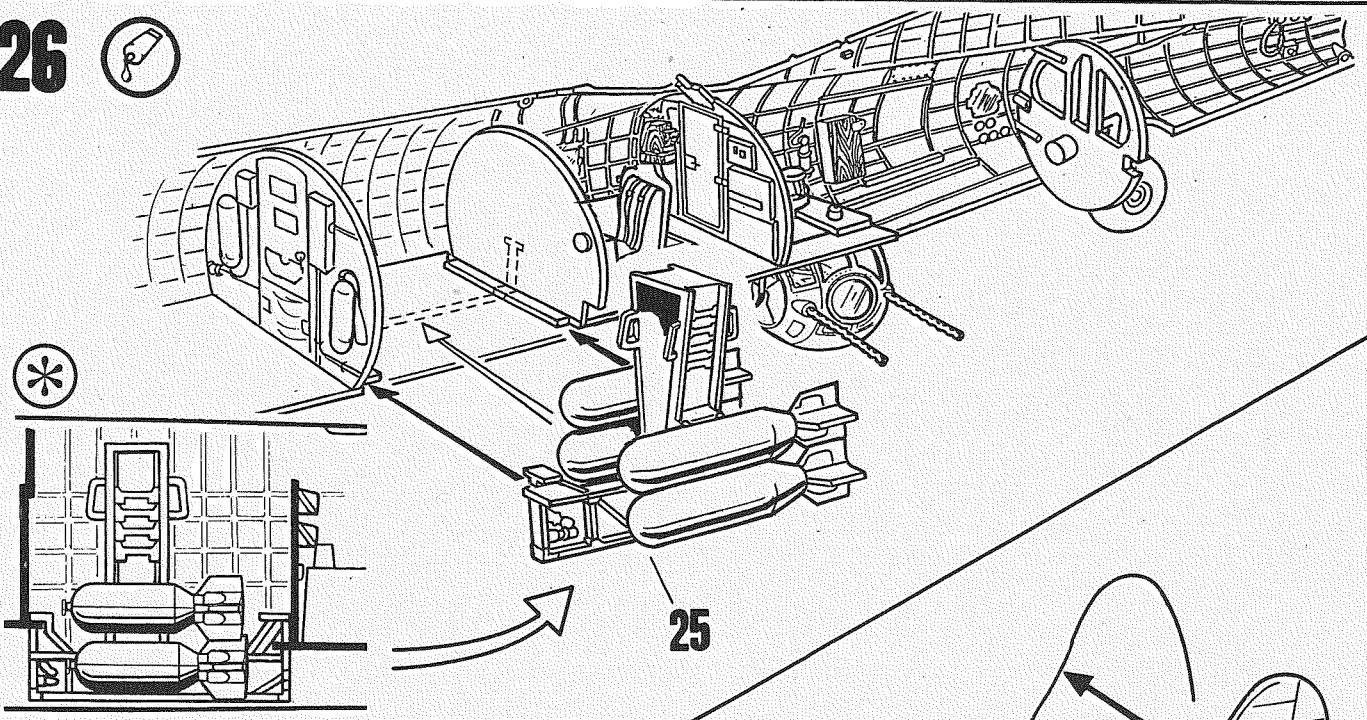
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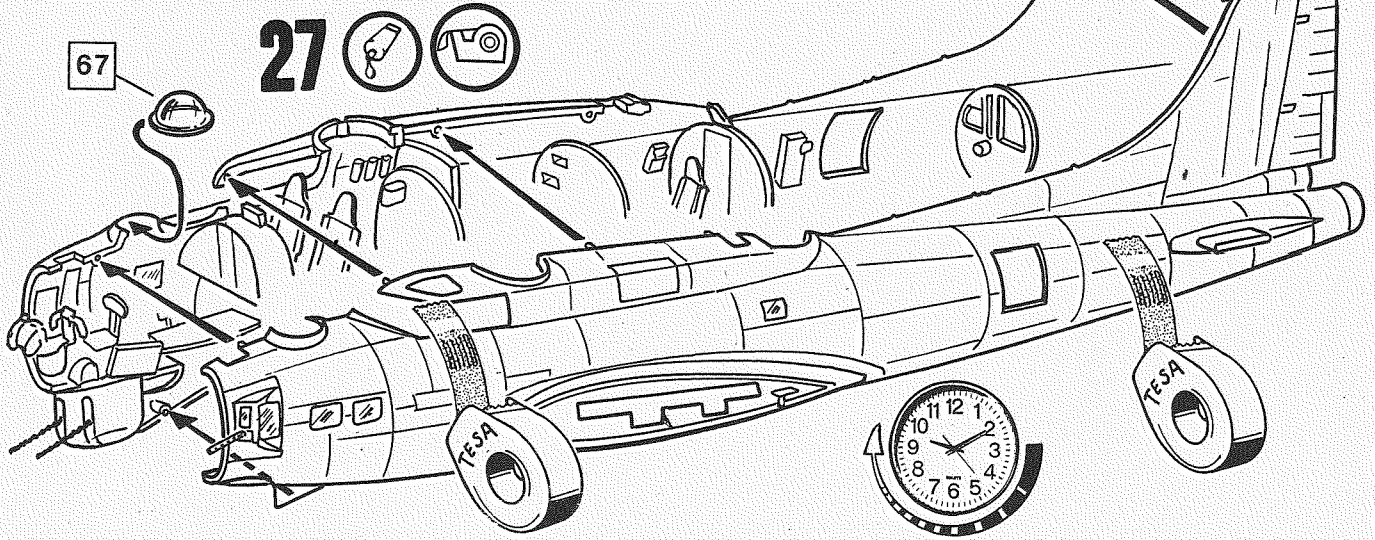
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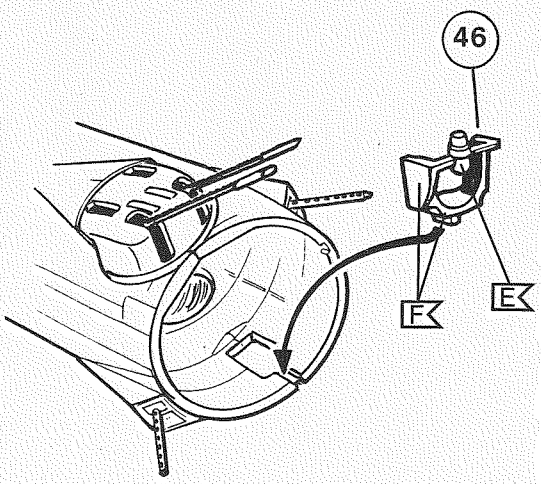
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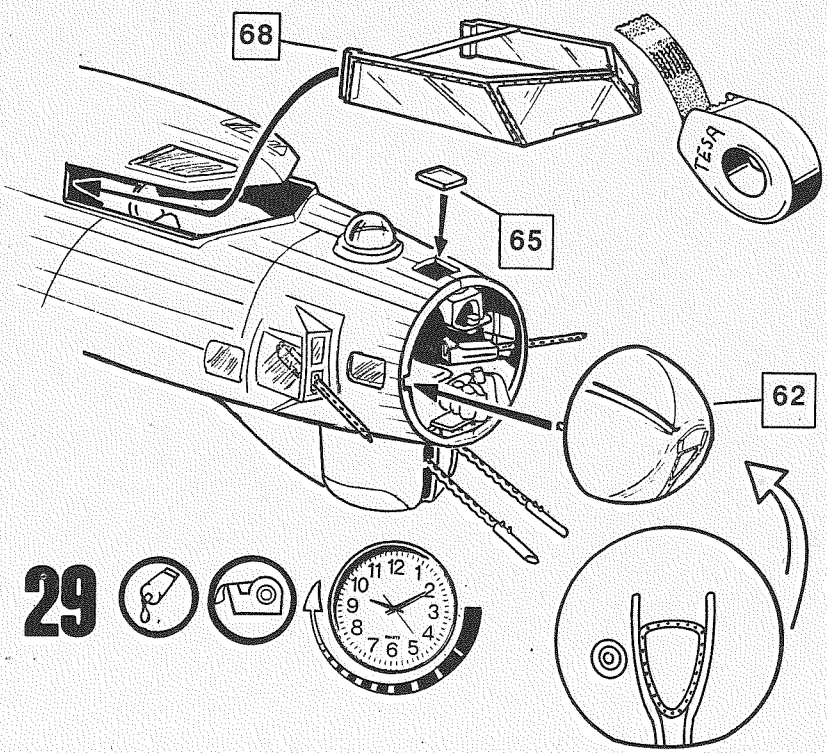
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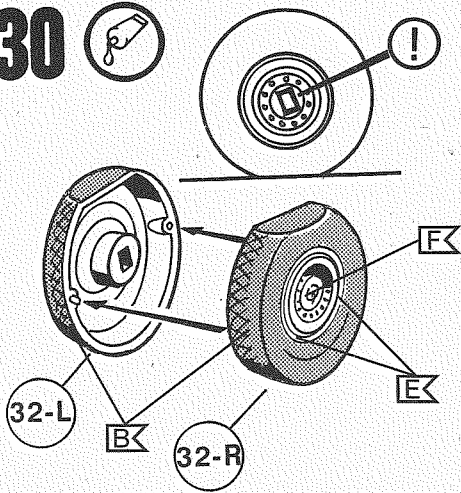
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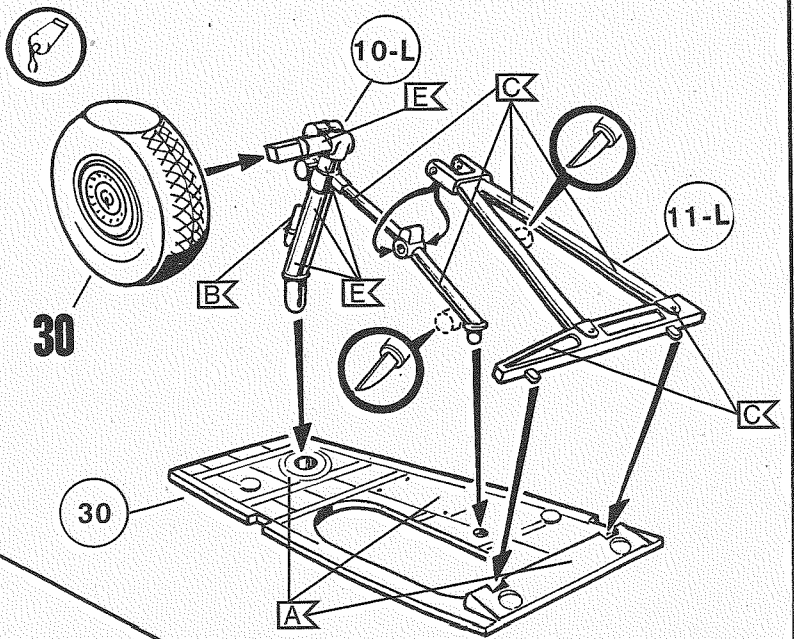
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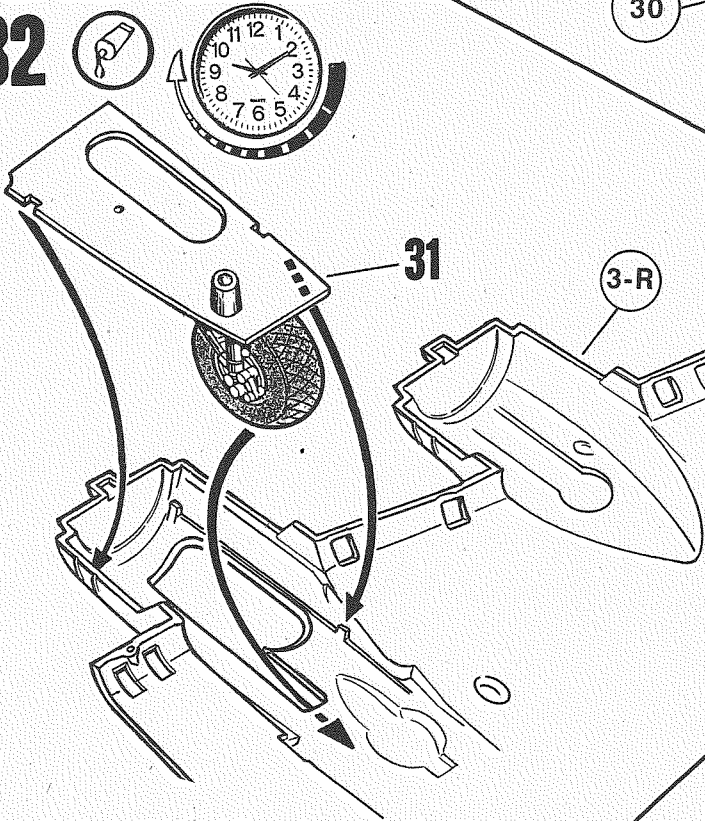
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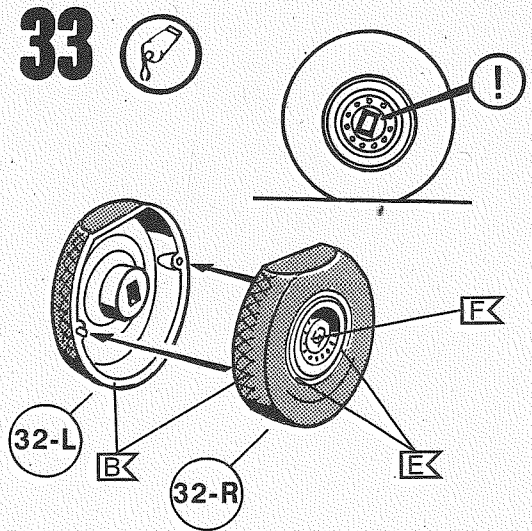
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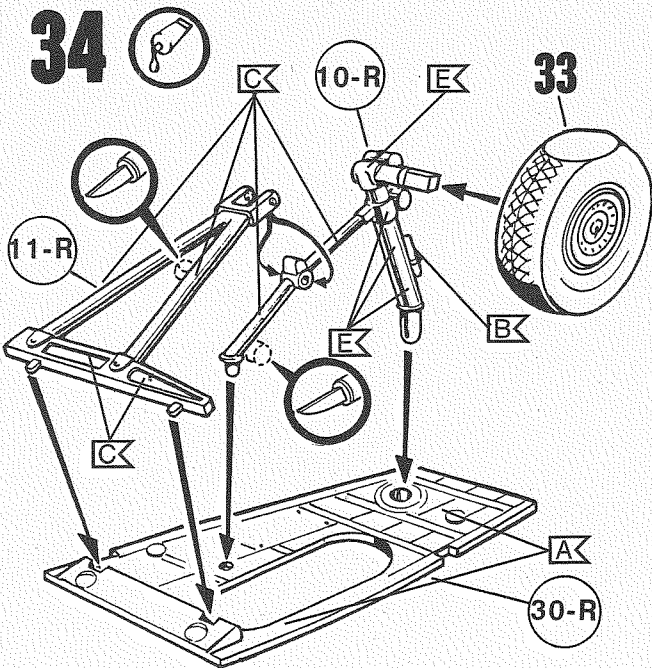
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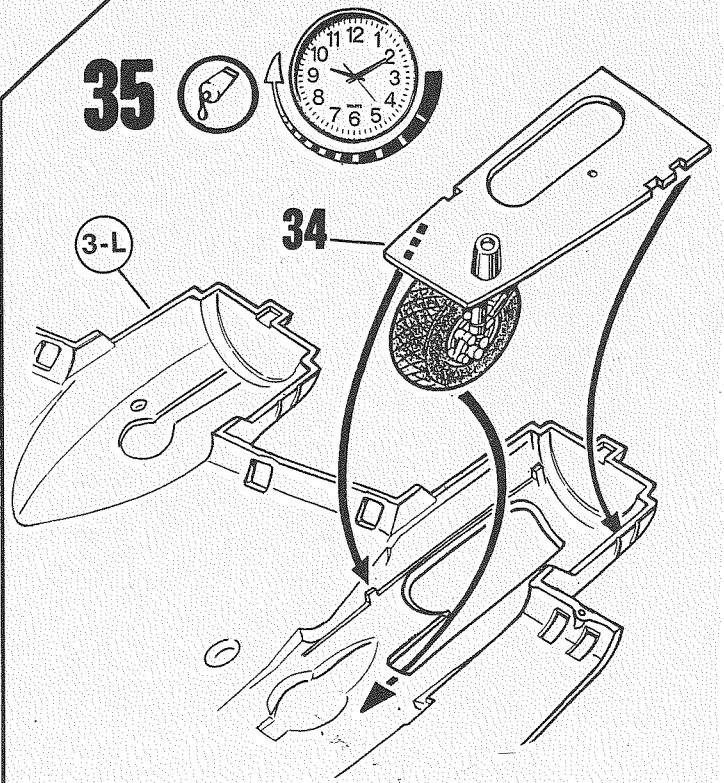
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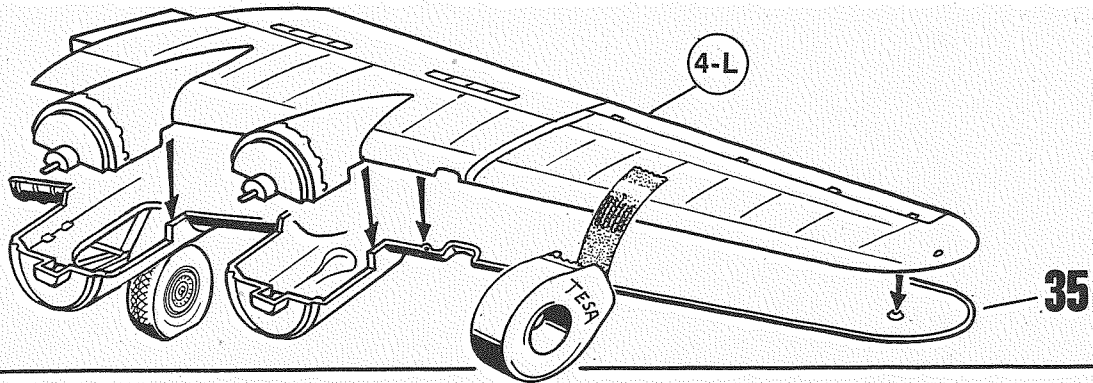
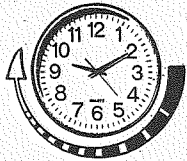
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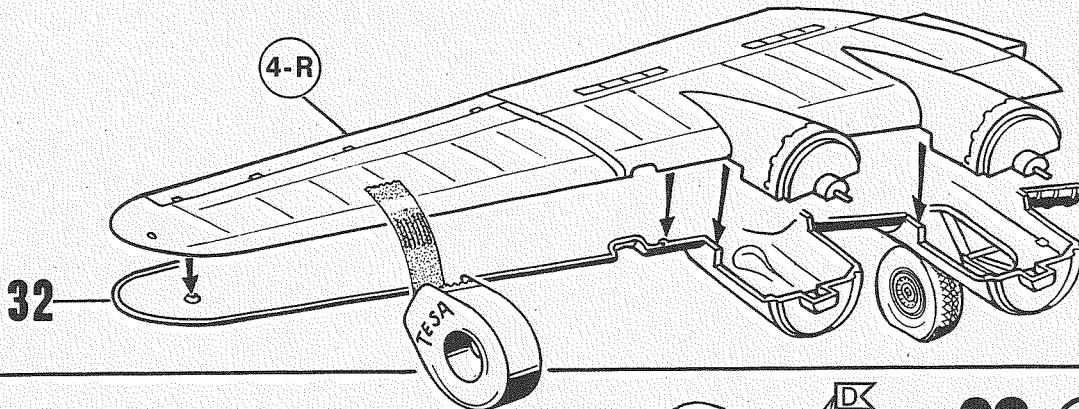
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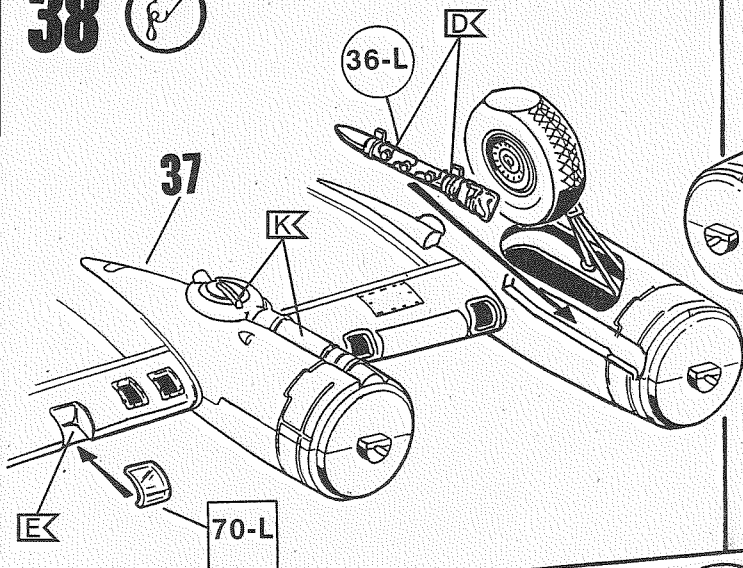
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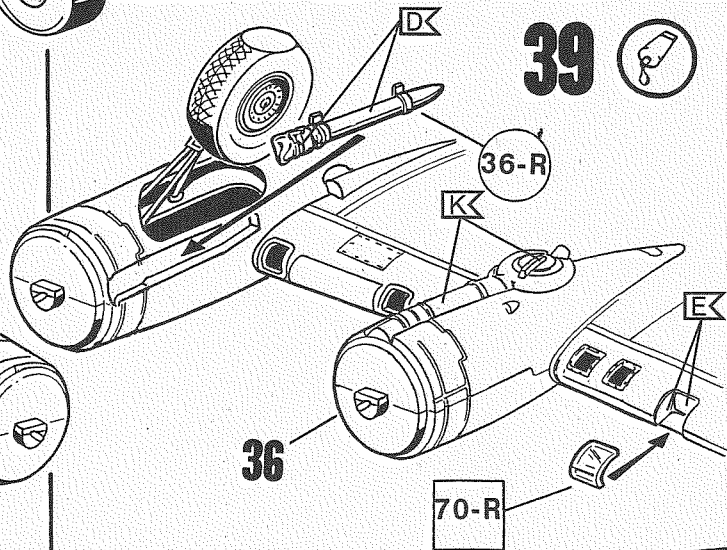
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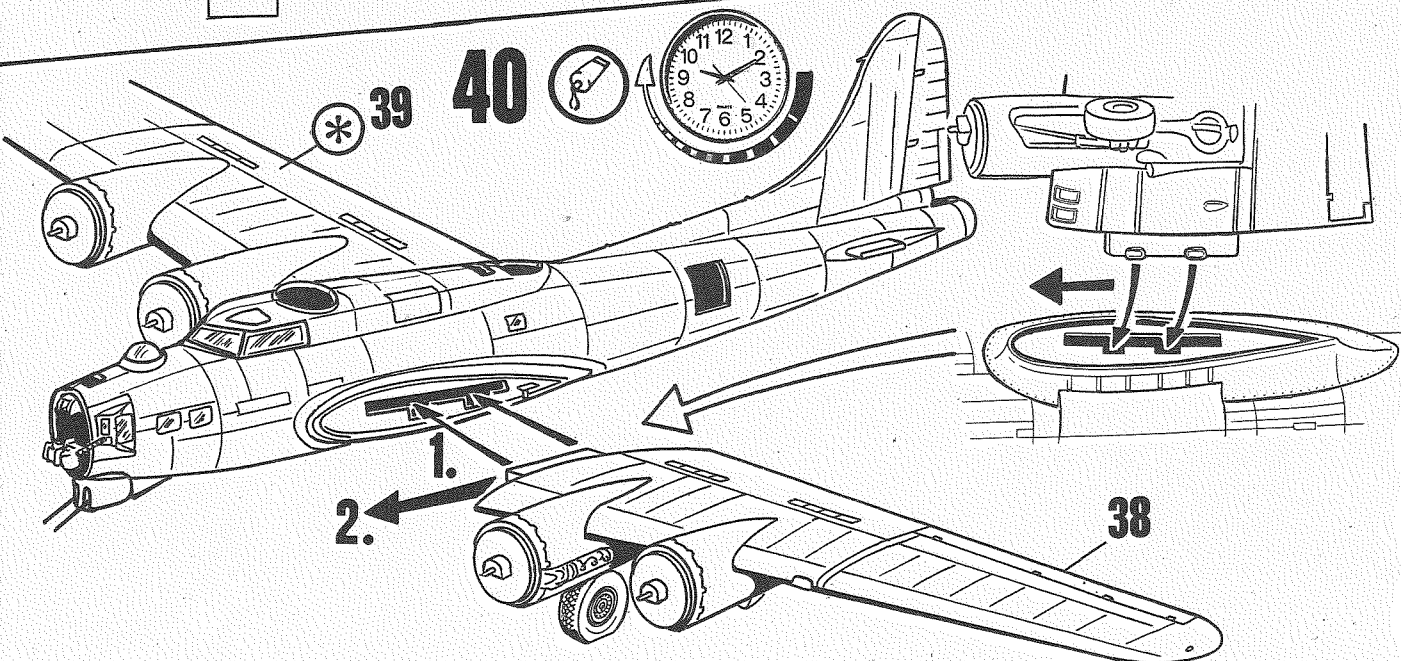
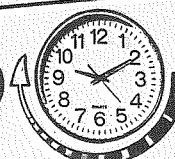
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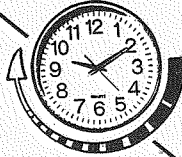
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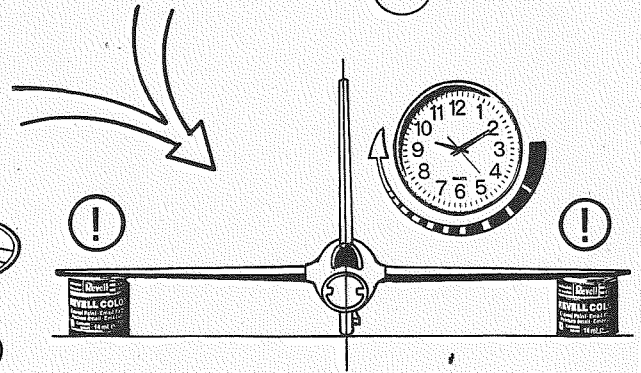
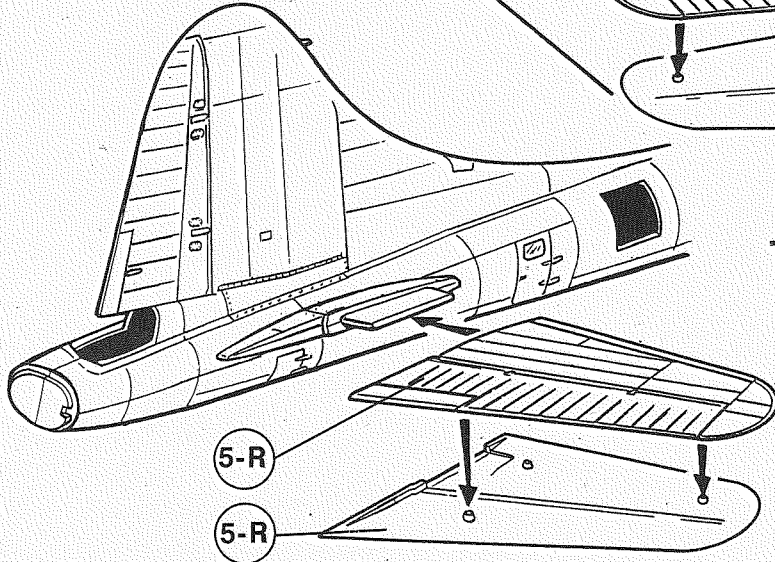
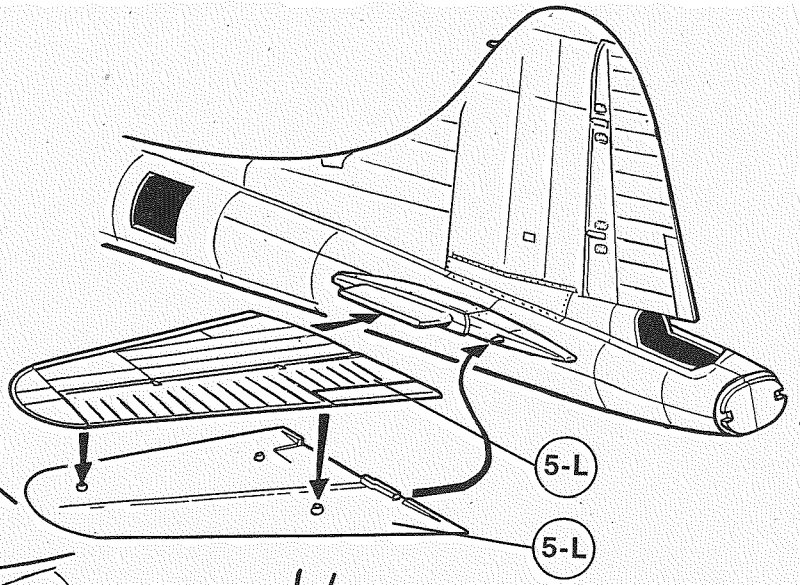
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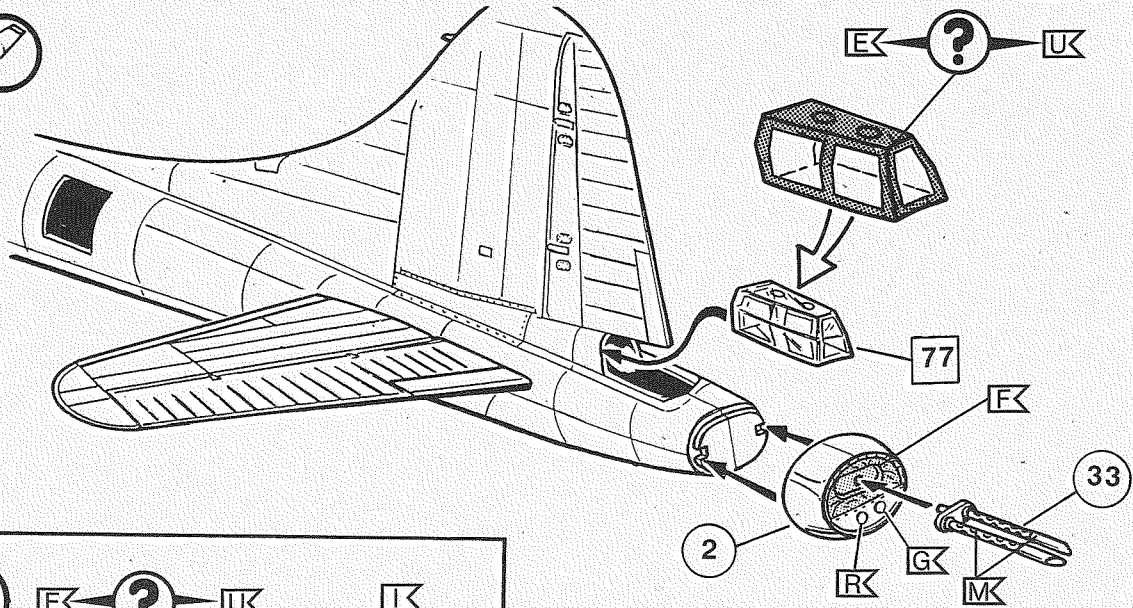
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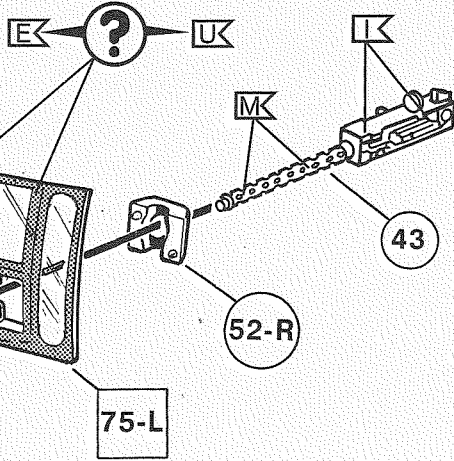
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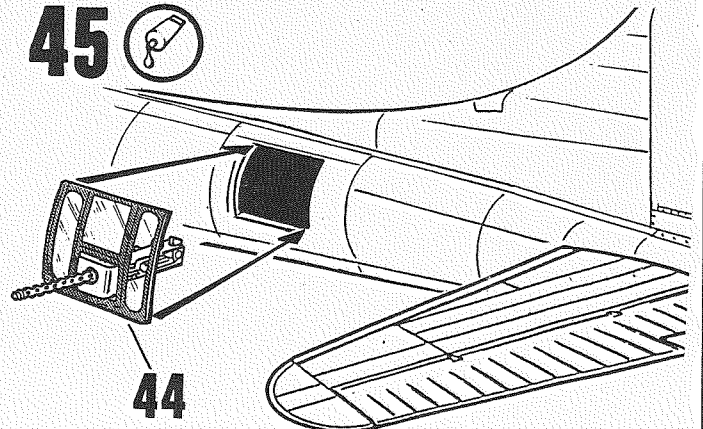
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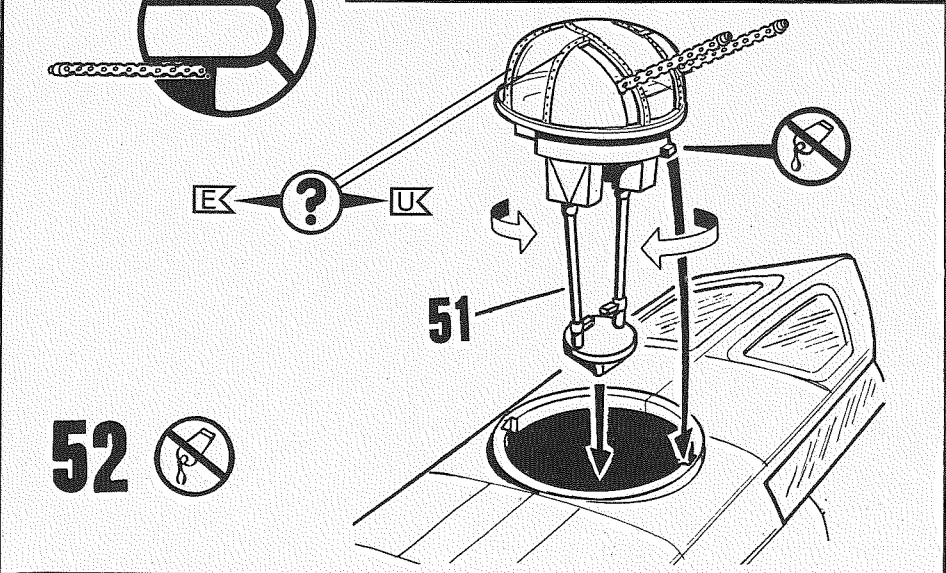
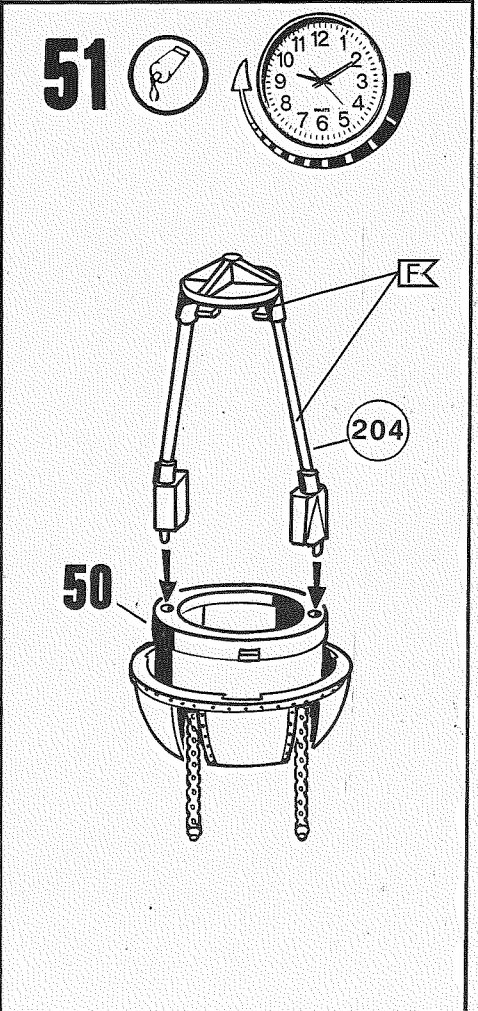
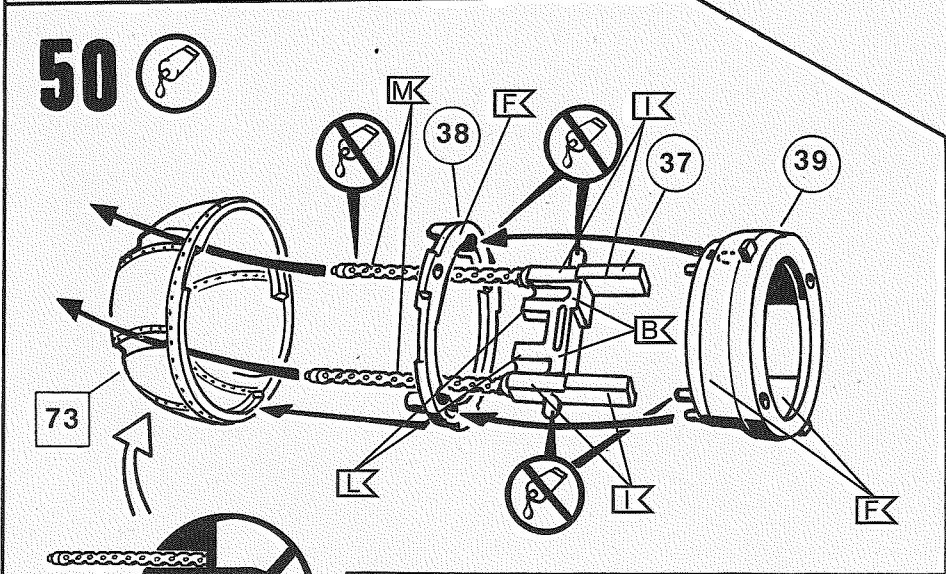
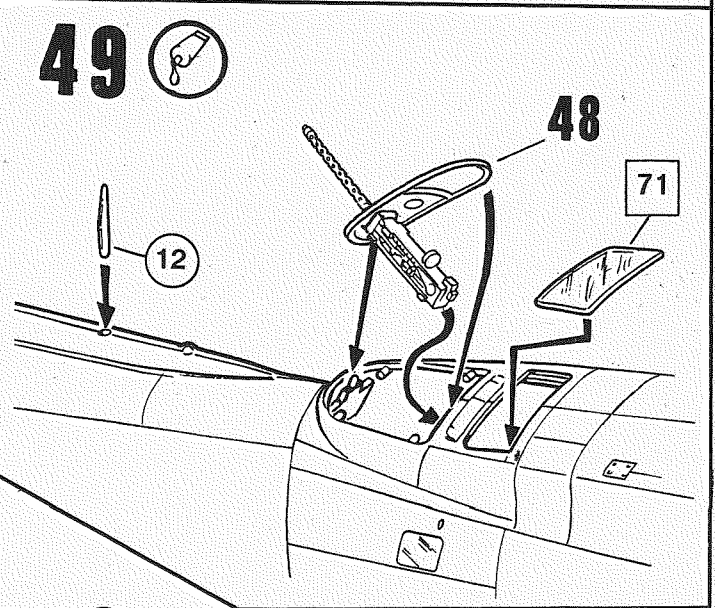
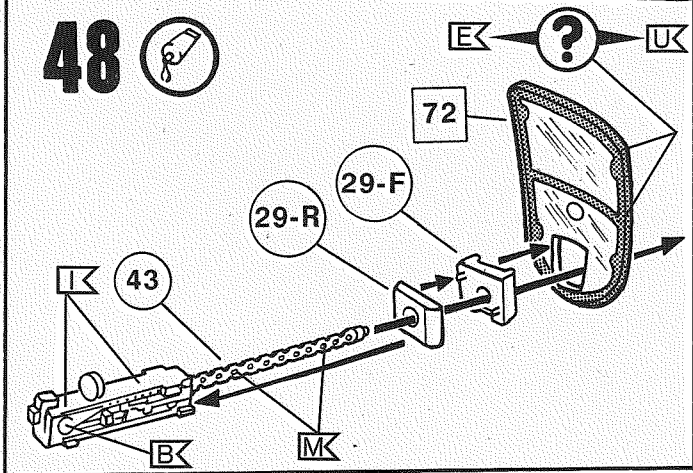
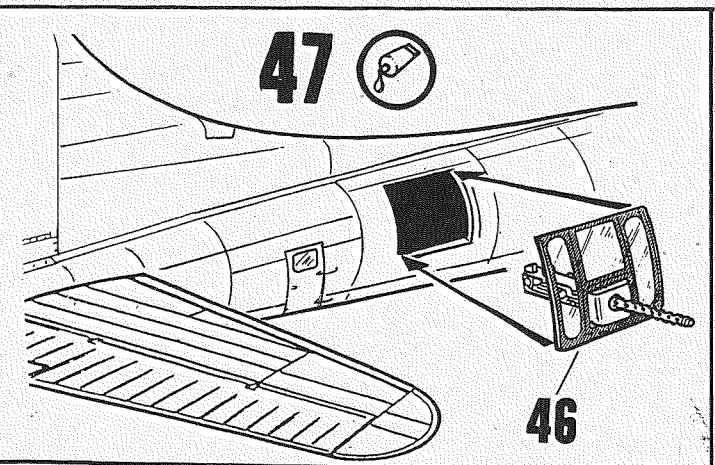
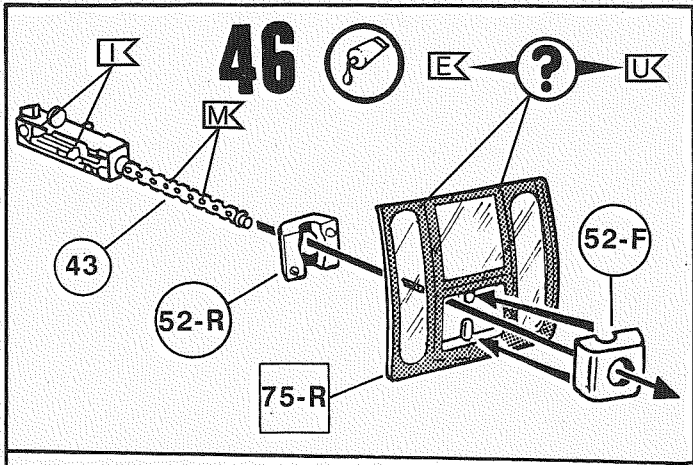


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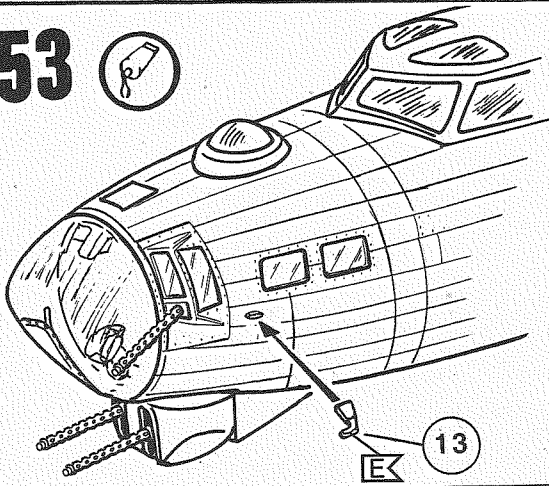


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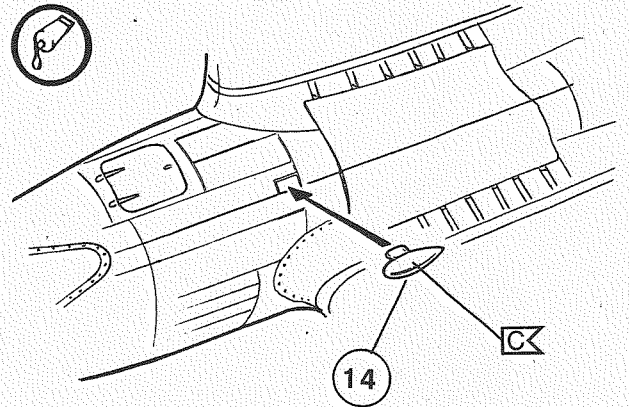




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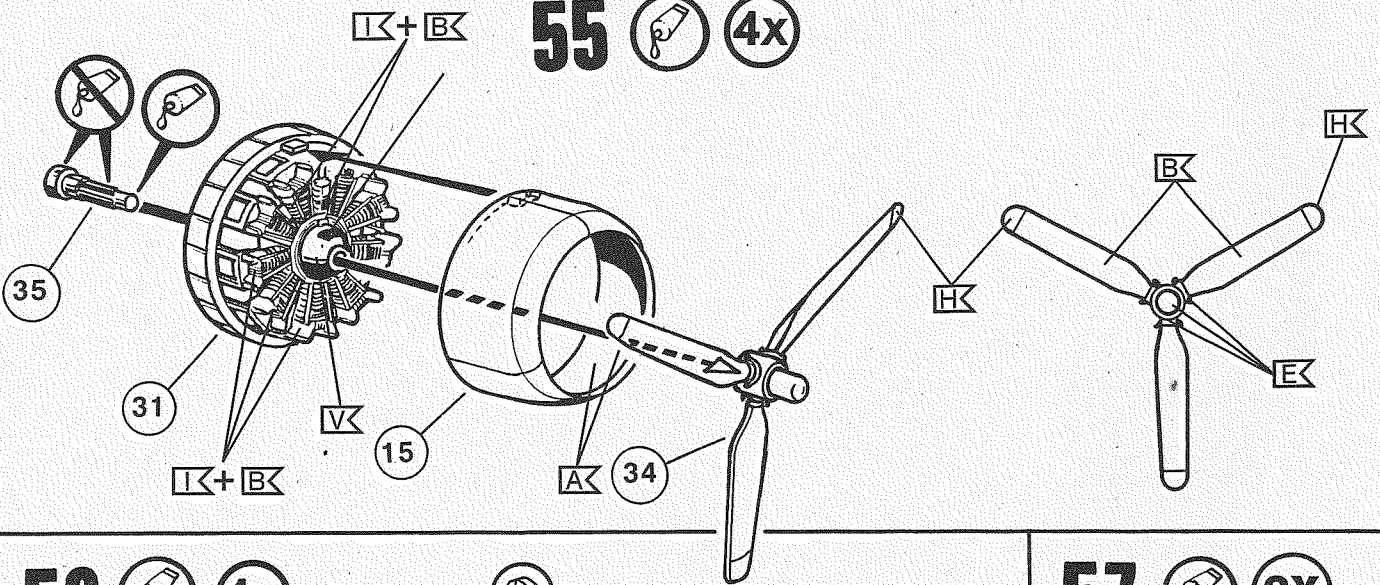
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55



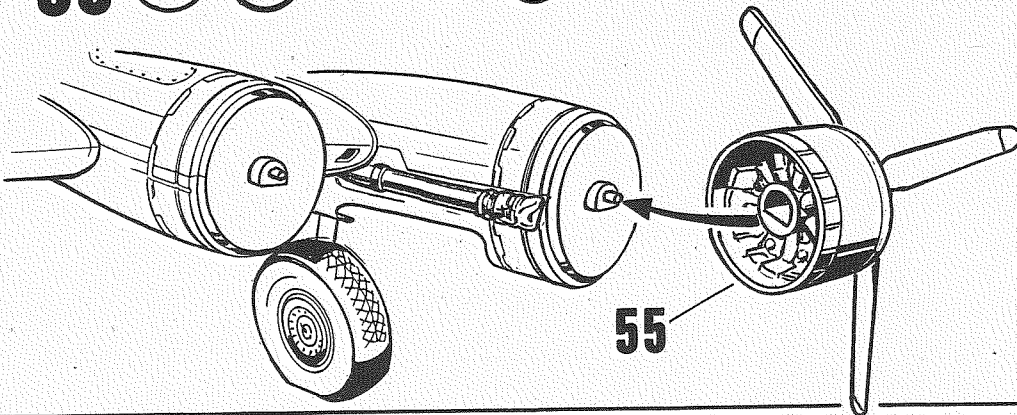
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56



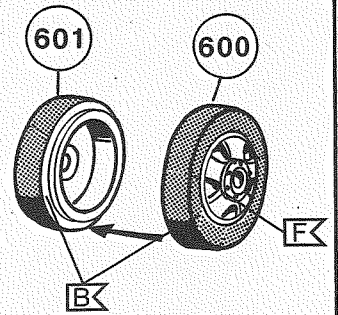
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57



2x



58



61-L

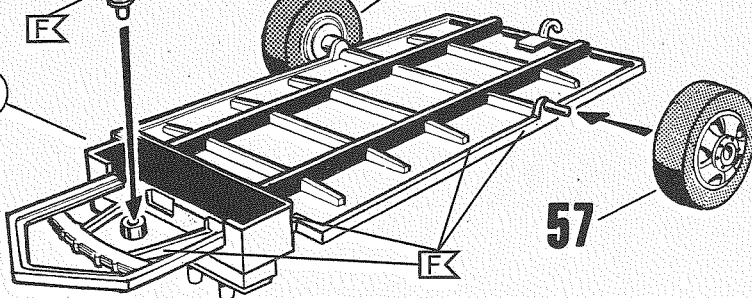
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57



25

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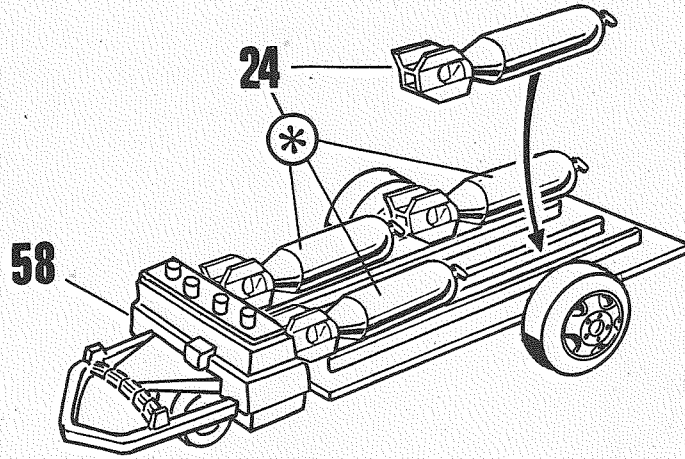


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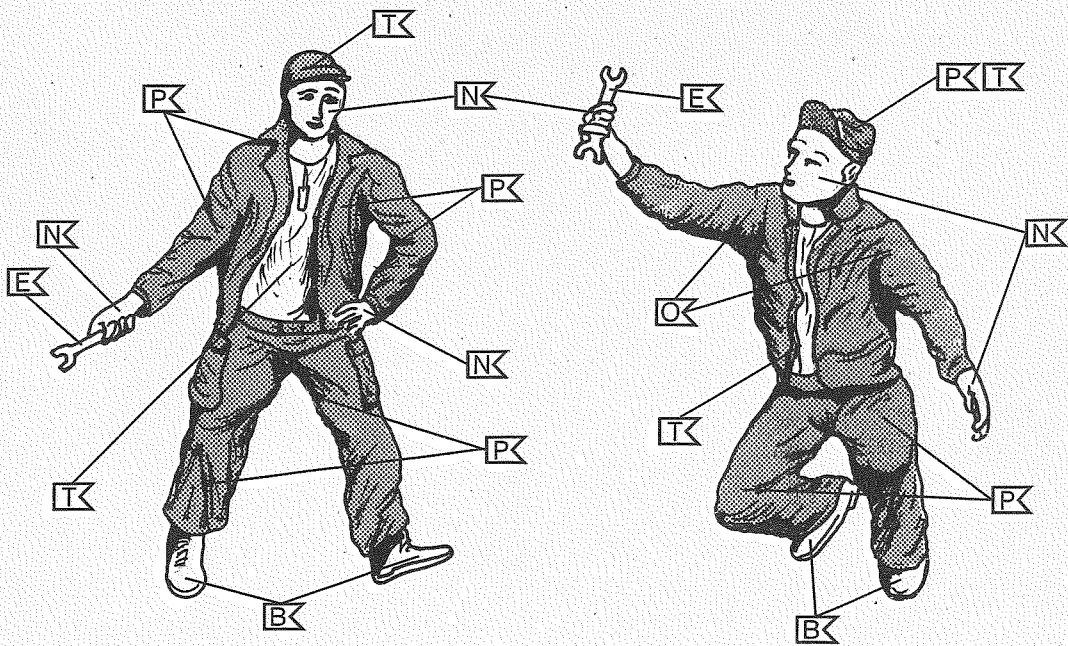
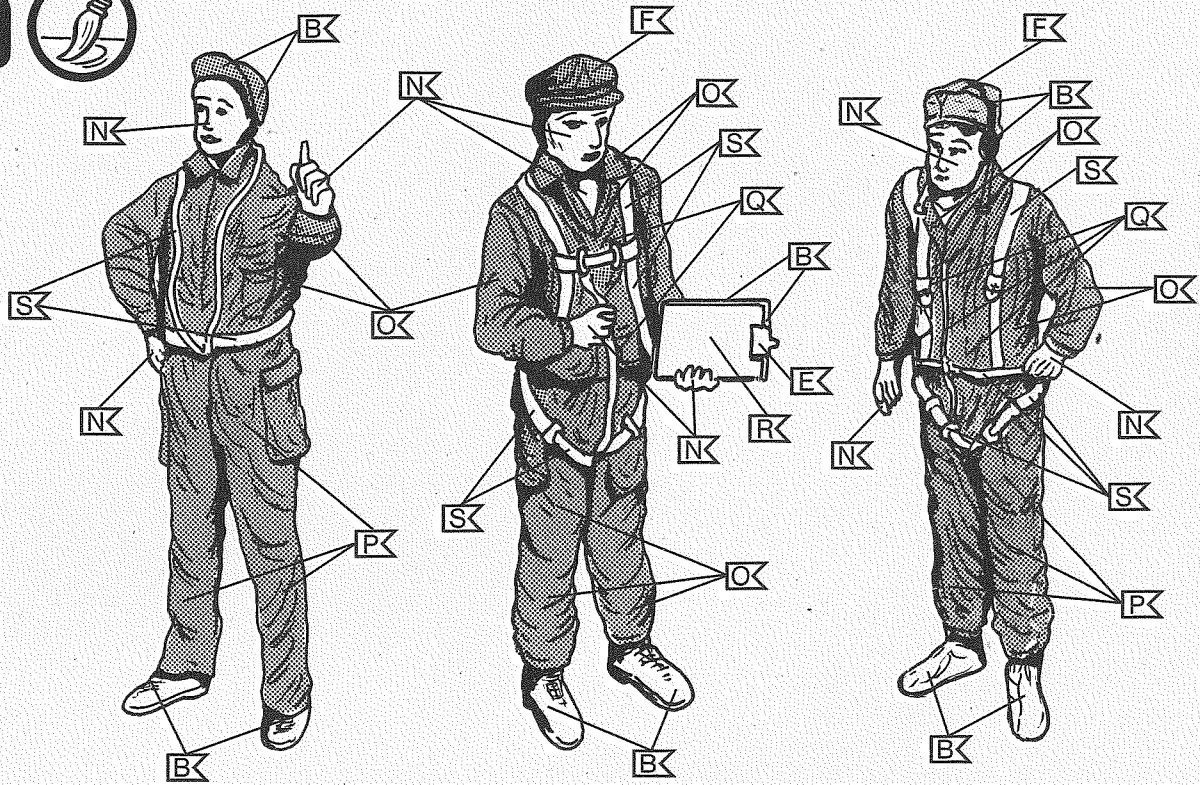
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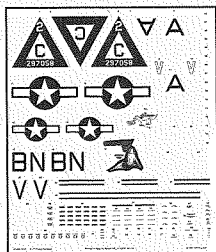
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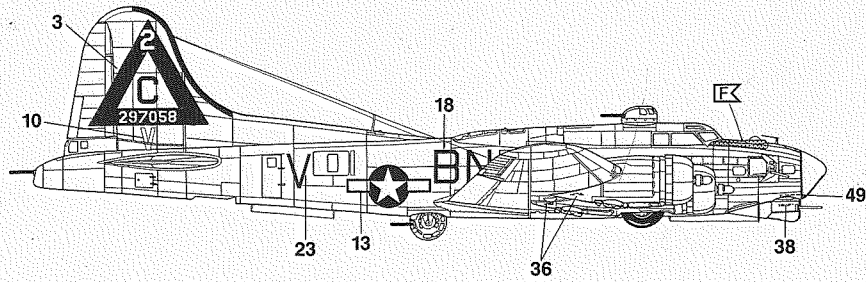
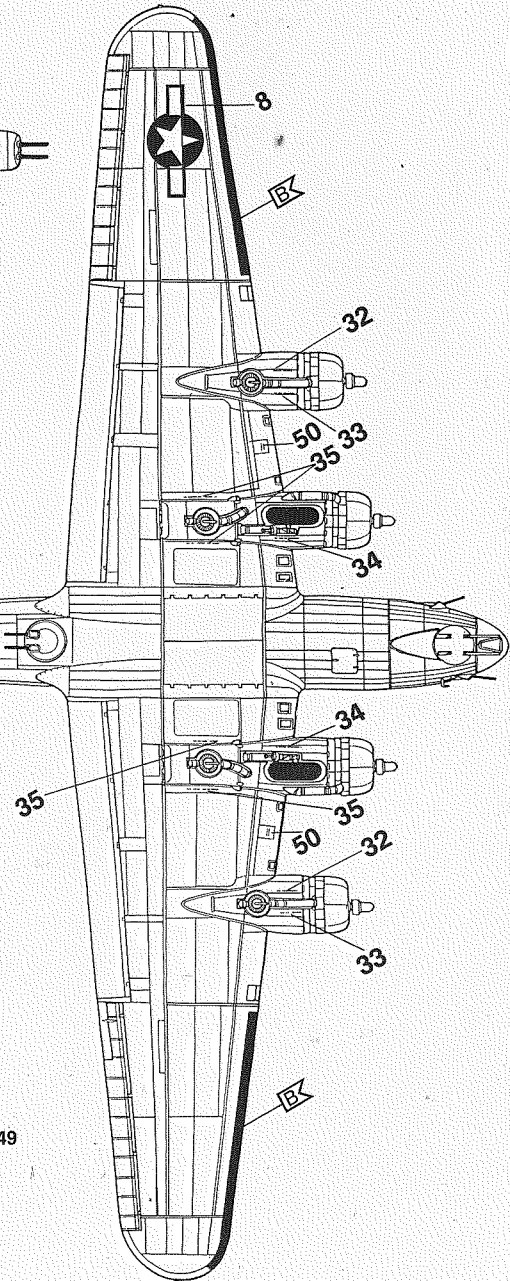
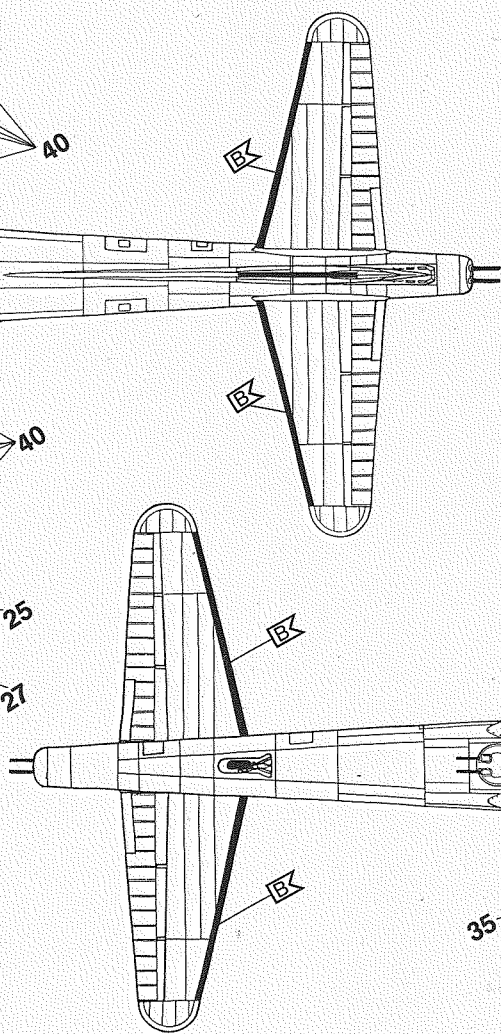
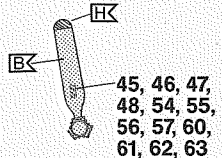
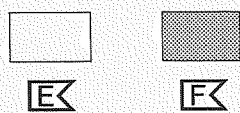
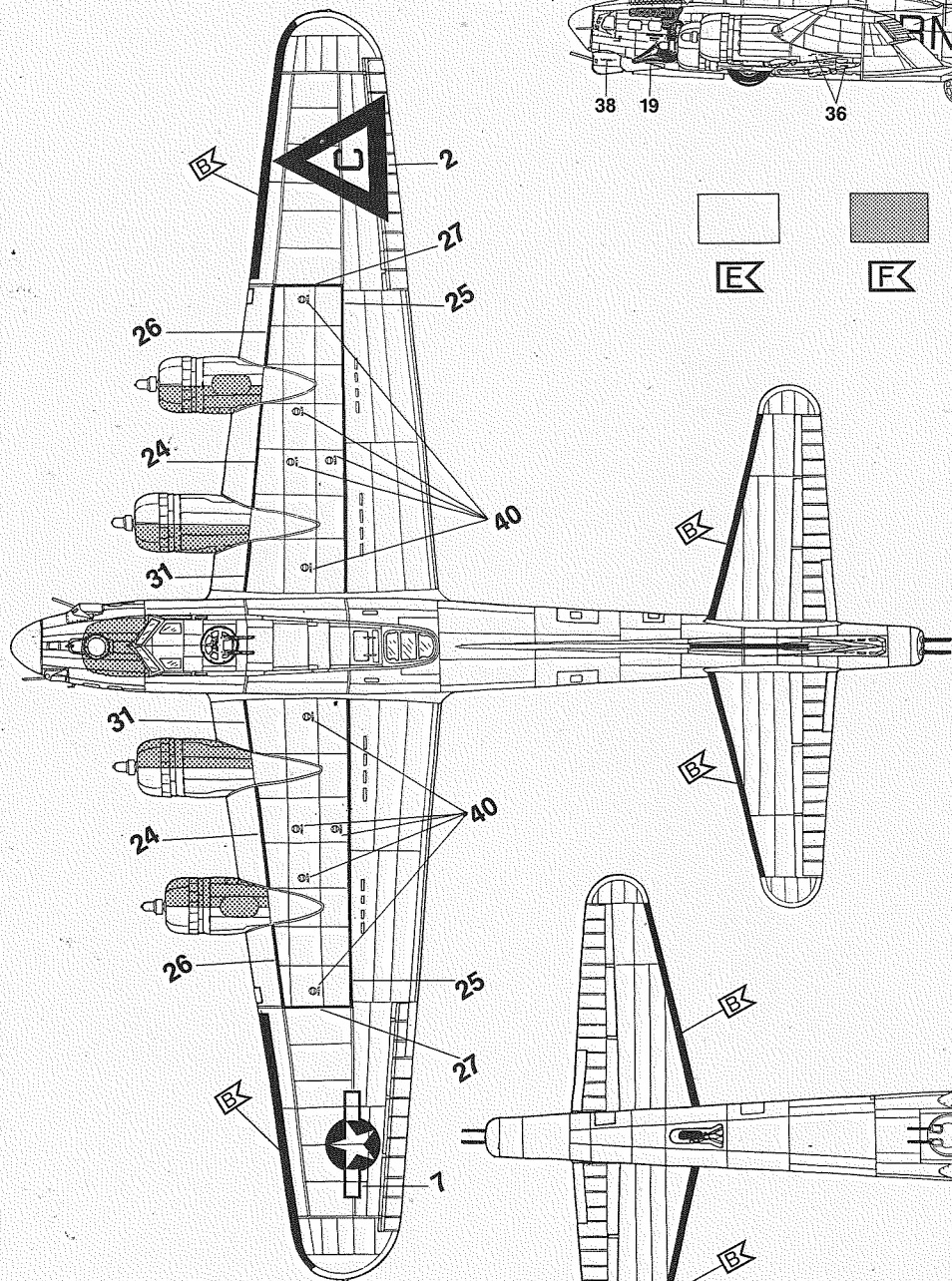
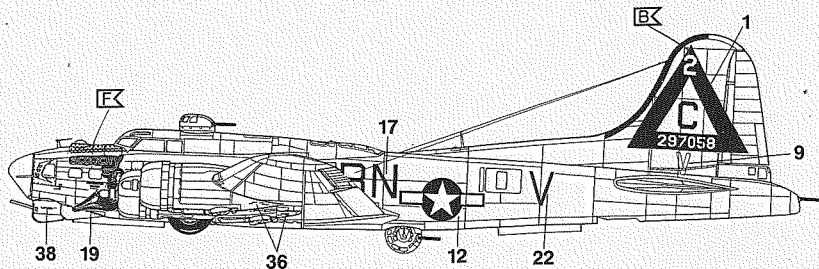
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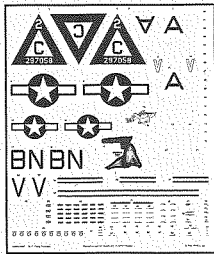
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Boeing B-17G-40-BO „Scorchy II“ 35th Bomber Squadron, 303rd Bomber Group Molesworth, England, April 1944



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Boeing B-17G-25-VE „Man O War“
322nd Bomber Squadron, 91st Bomber Group
Bassingbourn, April 1944

