



# FALCON

# Clear-Vax Canopies

1/72 SCALE

CANOPY SET No. 28

LUFTWAFFE WWII Part 5

## USING REPLACEMENT CANOPIES

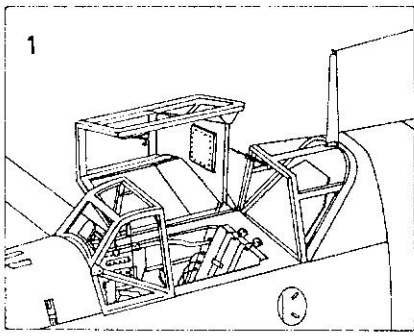
**Trimming:** Insert a new blade into your modelling knife or scalpel. To separate the canopy from its base, score very gently around the ledge moulded at the bottom. Do this very lightly at first, with minimum pressure. Repeat the process until the canopy pops away from the ledge. If you score too heavily at first you risk slipping and ruining the canopy. Finally, any rough edges can be cleaned up by lightly sanding with fine wet-and-dry paper. If you intend separating the canopy for display in the open position, we suggest cutting the break-lines before you cut the canopy from its base.

**Gluing:** Cyanoacrylate (superglue) can be used to fix the canopy to the kit. It gives a fast-setting permanent joint, but fumes given off when setting can cause frosting on clear parts. Where possible, mask around the joint with masking fluid or tape. A safer option is PVA (white glue), as it doesn't attack the plastic, dries clear, and is also partly gap-filling.

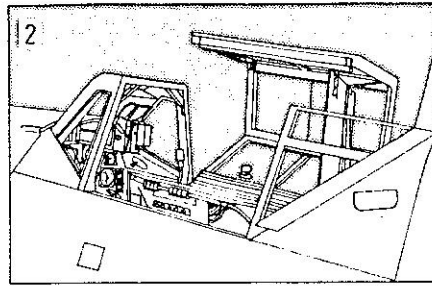
**Painting:** The best way to achieve crisp and convincing frame lines is by applying pre-painted strips of decal film. Paint part of a sheet of clear decal film, then cut strips of the correct width with a sharp blade and a straight-edge. Decal film sticks better to a painted surface than to bare plastic, so you will have to paint an undercoat on the frame lines marked on the canopy. This technique may not be suitable for canopies with large or irregularly shaped framed areas. For these canopies we suggest you mask the clear areas with clear adhesive tape and then remove the masking after painting.

**Which kit?** Please note that where we suggest a certain kitset as suitable for our replacement canopy, the suggested kit is generally regarded as the most accurate model to the given scale. We cannot guarantee that our canopy will fit other kits of the same subject.

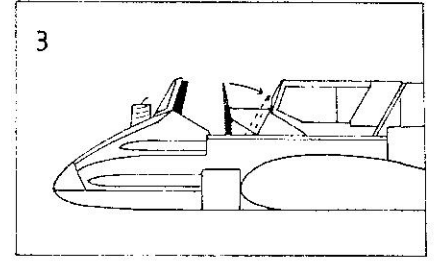
- Messerschmitt Bf 109F.** *Suggested kit: Italeri Bf 109F.* The Clearvax parts directly replace the kit items, and are intended for display in the open position. The windscreen represents that of early Bf 109F aircraft. Later models were fitted with a bolted-on external armour glass. This is best represented by a piece of 0.5 mm clear plastic cut to size and fitted to the front of the windscreen.  
*Suggested references: Model Art No.408; Squadron/Signal In Action No.57; Messerschmitt Bf 109F/G/K (Schiffer).*
- Messerschmitt Bf 109G.** *Suggested kit: Hasegawa Bf 109G-6.* The Clearvax parts are intended for display in the open position. Two windscreens are supplied. The small windscreen is a copy of the kit part. An alternative windscreen with the forward fuselage decking raised for greater accuracy is also included. Cut the corresponding area away from the kit fuselage and replace with the Clearvax part.  
*Suggested references: Model Art No.290; Aero Detail 5.*
- Henschel Hs 129.** *Suggested kits: Italeri Hs 129B-2 & B-3.* The Clearvax canopy is intended for display in the open position. Cut and fit a piece of 0.5 mm clear plastic to the rear of the windscreen to represent the internal armour glass. Note on the drawing that the pilot's back armour can be moved forward or aft.  
*Suggested references: Hs 129 Panzejager! (Classic); Profile 69.*
- Messerschmitt Me 262A.** *Suggested kits: Hasegawa or Revell Me 262A.* The Clearvax canopy is intended for display in the open position. Note on the drawing the canopy lock and catches, and how the armour glass protrudes from the top of the windscreen.  
*Suggested references: Monogram Close-up No.17; Me 262 Testing, Development, Production, by Radinger & Schick (Schiffer); Aero Detail No.9.*
- Messerschmitt Me 262B.** *Suggested kits: Hasegawa or Revell Me 262B.* The Clearvax canopy is intended for display in the open position.  
*Suggested reference: Me 262, Vol.II (Schiffer) No.64.*
- Henschel Hs 123.** *Suggested kit: Airfix Hs 123.* The Clearvax windscreen directly replaces the kit item. *Suggested references: Warplanes of the Third Reich, by Green (McDonalds); Squadron/Signal No.4, Luftwaffe In Action.*
- Focke Wulf Fw 56 "Stösser".** *Suggested kit: Heller/SMER Fw 56.* The Clearvax windscreen directly replaces the kit item.  
*Suggested reference: Argus Specialist Publications Plan 2869.*
- Junkers Ju 88A-6 or S/T.** *Suggested kit: Italeri Ju 88A-4.* The Clearvax parts replace the kit main and nose canopies only. In order to avoid an untidy joint at the windscreen/fuselage, it may prove easier to cut away the kit fuselage at the line marked X. Also cut away the kit fuselage at the line marked Y. Then fit the Clearvax main canopy in its entirety, followed by the nose cap. The Ju 88A-6 version uses the standard "beetle-eye" nose cap; check your references for variations from the standard Ju 88A-4. The drawing shows the Ju 88S cockpit area, including the bombsight housing fitted to most Ju 88S aircraft. Fabricate this item from scrap plastic. The engines will need to be borrowed from the Italeri Ju 188 kit. Fortunately this kit includes both BMW 801 and Jumo 213 engines, giving a choice of building a Ju 88S-1/T1 (BMW) or a Ju 88S-3/T3 (Jumo).  
*Suggested references: Squadron/Signal In Action No.85; Aerodata International "Bombers of WWII" (Squadron/Signal); Aero Detail No.20.*
- Junkers Ju 88G.** *Suggested kit: AMT/ERTL Ju 88G.* In order to fit the canopy, cut away the kit fuselage at the lines marked X and Y, then fit the Clearvax canopy in its entirety.  
*Suggested reference: Ju 88 In Action part 2 #113 (Squadron/Signal).*
- Dornier Do 24T.** *Suggested kit: Italeri Do 24.* The Clearvax canopies directly replace the kit items. Note that when cutting out the nose canopy (drawing 10a) and mid-upper turret (drawing 10b), cut outside the ring around the bottom to allow the turret to rotate. Note also that the height of these items has been reduced for better accuracy. An alternative HDL151 turret has been included (drawing 10c); this turret was sometimes fitted to late model Do 24s. Cut the base off the kit turret (shown dotted) and fit the Clearvax turret on top. The tail turret (drawing 10d) is a little wide for the fuselage. Accordingly, the rear fuselage will need to be widened with a 1 mm wedge of plastic card.  
*Suggested references: Squadron/Signal No.8, Luftwaffe In Action part 4; Warplanes of the Third Reich, by Green (McDonalds).*
- Dornier Do 217K.** *Suggested kits: Italeri D 217K-1 & Do 217K-2.* The Clearvax main canopy, dorsal turret and lower gun canopy directly replace the kit items. To fit the side machine gun windows, carefully cut out the windows from the main canopy and fit the replacement windows from the inside.  
*Suggested references: Profile 261; Do 217/317/417 (Airlife).*



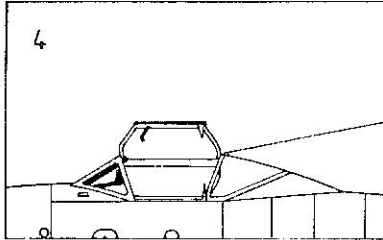
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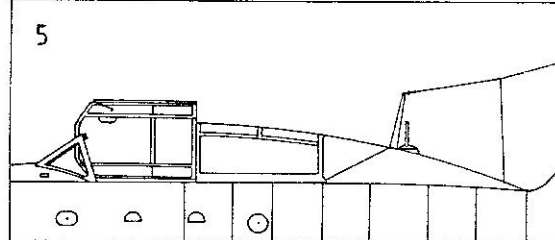
2. Messerschmitt Bf 109G



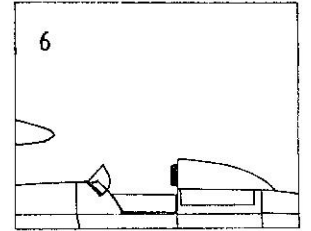
3. Henschel Hs 129



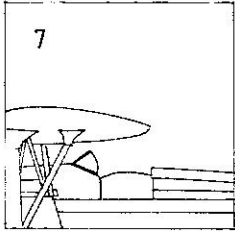
4. Messerschmitt Me 262A



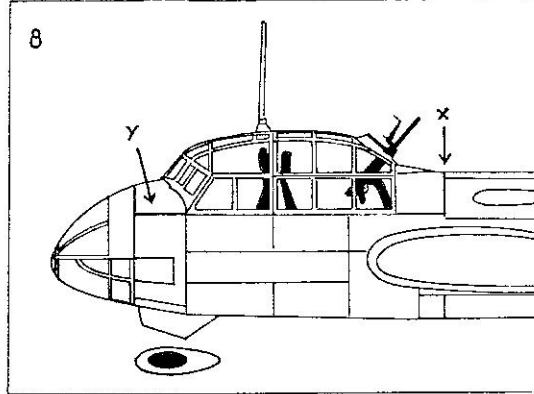
5. Messerschmitt Me 262B



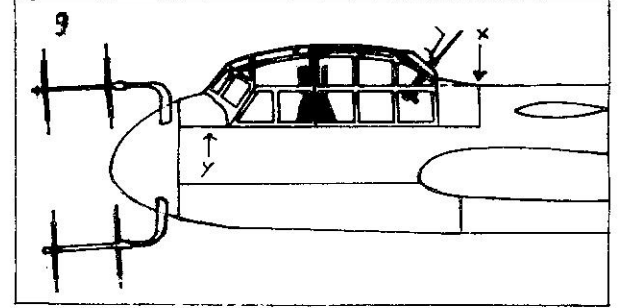
6. Henschel Hs 123



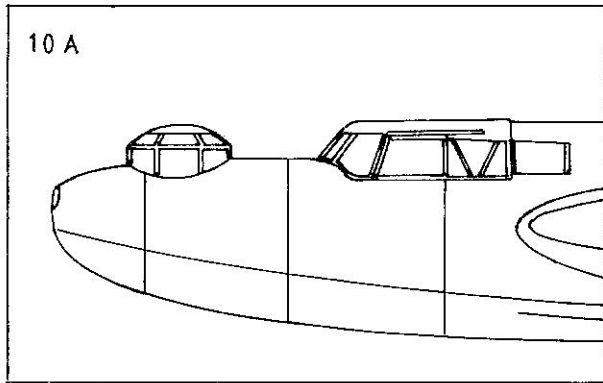
7. Focke Wulf  
Fw 56 "Stösser"



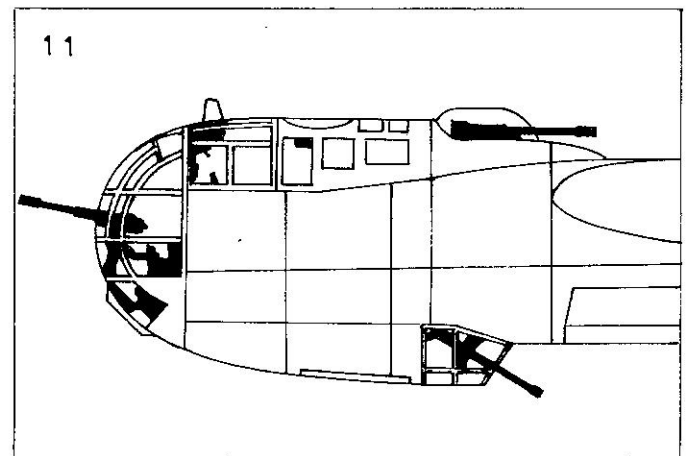
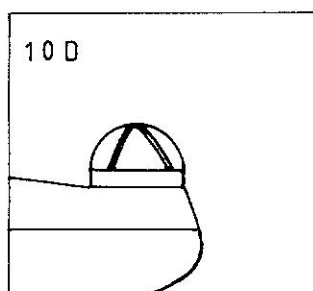
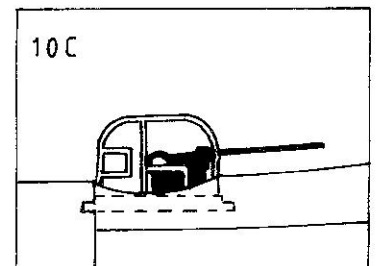
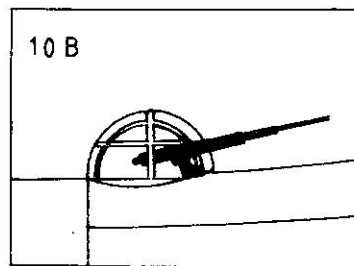
8. Junkers Ju 88A-6 or S/T



9. Junkers Ju 88G



10a, b, c, d. Dornier Do 24T



11. Dornier Do 217K

