

CONCEPT MODELS

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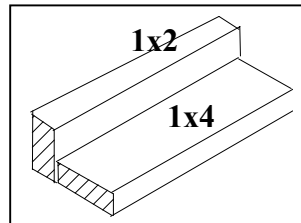
8331 Sheep Ranch Rd.
Mountain Ranch, CA 95246



**B737-800 CARRIER ASSEMBLY
INSTRUCTIONS**

Tools

All basic model workers tools – files, motor-tool with fine burrs, hobby knife, 1/8” drill, Wood blocks for holding parts square, metal square, etc.



A gluing fixture is a great aid to assembly. It helps hold parts square while gluing.

Instructions

NOTE: This kit consists of resin castings and must be assembled with an ACC cement (not provided) – both the thicker types as well as the thin. Solvent cements will **NOT** bond the parts together! Resin parts are more fragile than common styrene plastic used in injection molded models. Use reasonable care in handling and do not apply any solvents. The illustrations at the front show the general layout of parts for the car. Work very carefully when positioning the parts for gluing. ACC cements adhere very quickly and permanently.

Gluing with ACC Cements – USE WITH CARE

ACC cements allow the modeler to work very quickly. A general rule is to use the thin cements to glue long joints taking advantage of capillary action that makes the cement run the length of the seam. The thicker cement is suited to applying large area parts to each other. An accelerator can be applied sparingly. One technique is to apply the glue to one part and the accelerator to the other part to be joined. I also use a Q-tip to apply a minute amount of accelerator to the glue after the parts have been joined. The accelerator triggers the ACC cement to set very quickly. It is only slightly slower with the thicker cement.

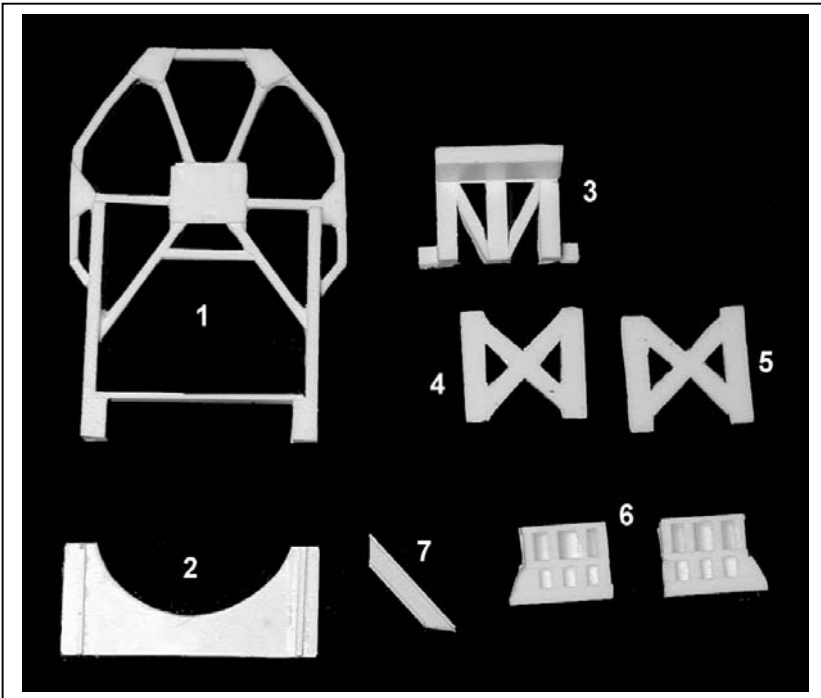
Additional Items Required – Not Supplied

1. 86-89 foot flat car for the fuselage carrier. The prototype uses a slightly shorter car but there is not an exact match on the market.
2. 60' Flat Car for the tail canopy – Roundhouse (MDC)
3. Various thickness of sheet styrene to adjust the mounts to fit your model and flat car.
4. Squadron's Green Putty
5. B737 model of your choosing. I used a 1/100 scale model since a 1/87 model is unknown to me. Search on eBay.com for “Model Boeing 737”. A 1/100th scale model is the closest I've been able to come.

PAINTING PREPARATION

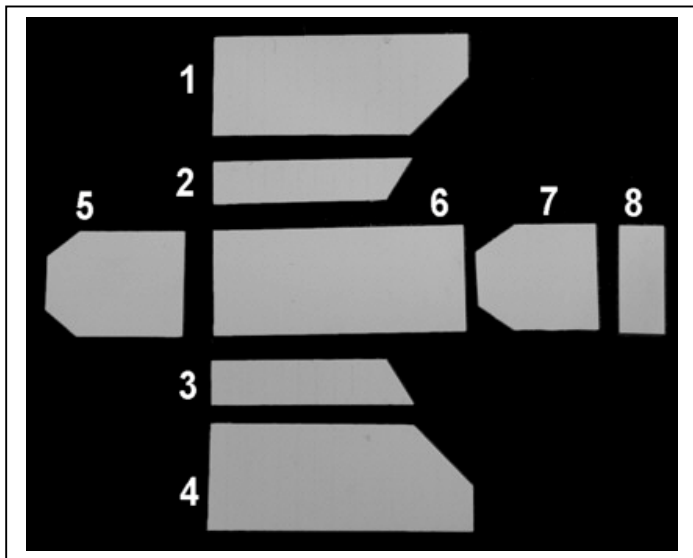
Wash the parts before assembling with a dish washing detergent such as “Dawn”. Rub lightly with a soft sponge.

FUSELAGE PARTS



Item No.	DESCRIPTION	QTY.
1	Icicle Chopper	1
2	Belly support	2
3	Vertical Mount	2
4	Short Support	2
5	Longer Support	2
6	Fuselage Mounts	Pr
7	Angle Braces	6
8	Base Mount (Not Shown)	1

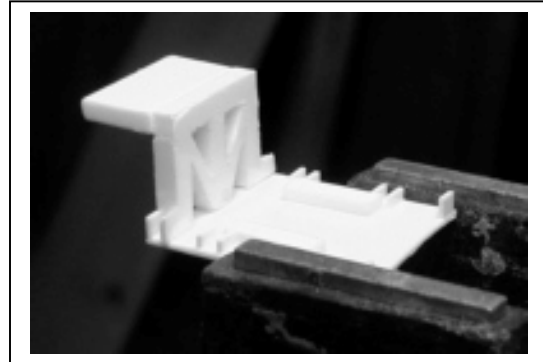
CANOPY PARTS



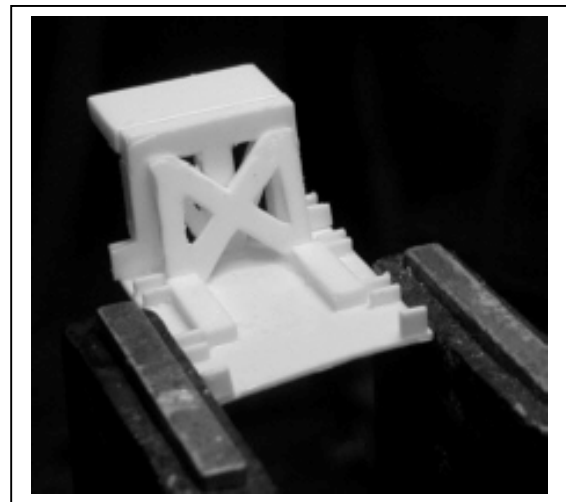
Item No.	DESCRIPTION	QTY.
1	Left Side	1
2	Left Angular Top	1
3	Right Angular Top	1
4	Right Side	1
5	Vertical End	1
6	Bottom	1
7	Angular End	1
8	Short End	1
9	Top .060" x 6'3" (s.f.) x 23'9" (s.f.)	1

ASSEMBLY

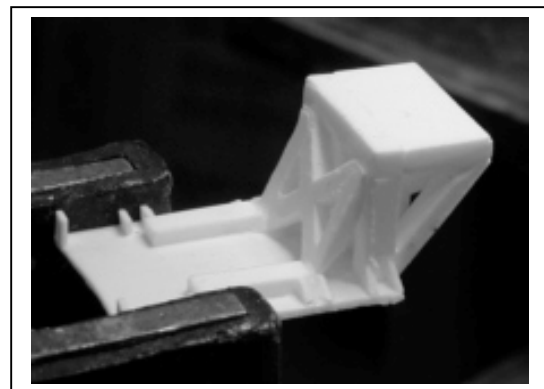
1 Cement the Vertical Mounts (3) to the Base Mount (8) – one on each side. Only one side is pictured for photo clarity in these steps.



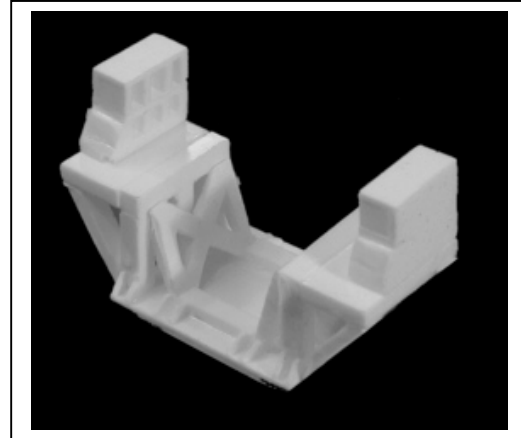
2 Add the short brace as shown. It will be necessary to file it to fit. Note that it fits against the raised part of the Base Mount. Do Both Sides.



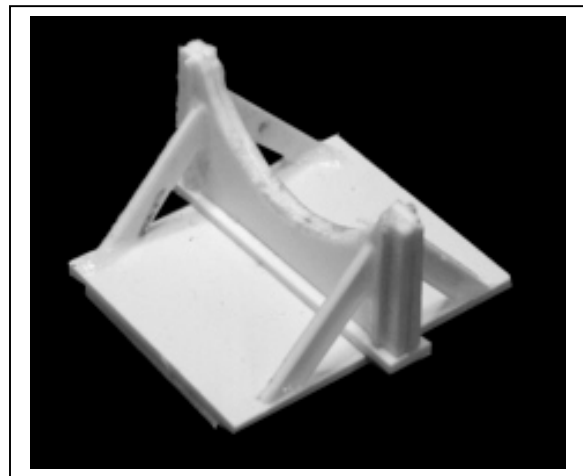
3 Add the Longer Support (5) to the outside of the Vertical Mount. It will be necessary to file these parts for a good angle fit.



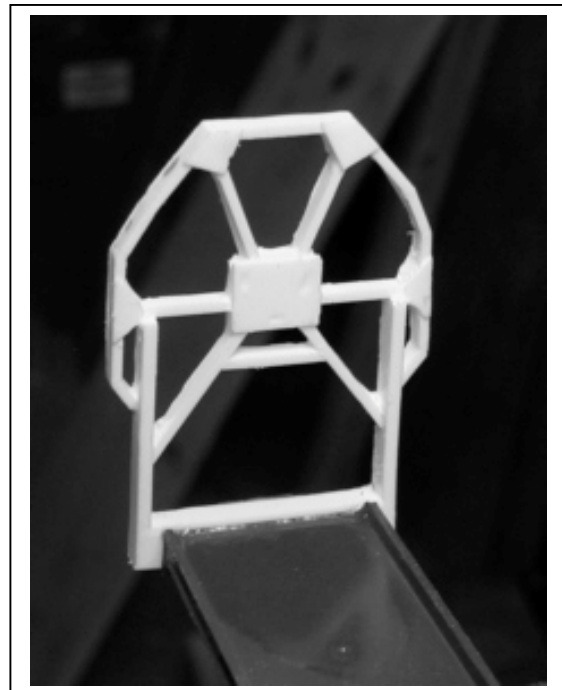
4 Add the Fuselage Mounts (6) as shown.



5 Glue the two Belly Supports (2) back to back as shown. Add the Angle Braces (7) once you have decided on a mounting technique for your flatcar. Sheet styrene is shown in the picture both under the Belly Support and the car mounting.

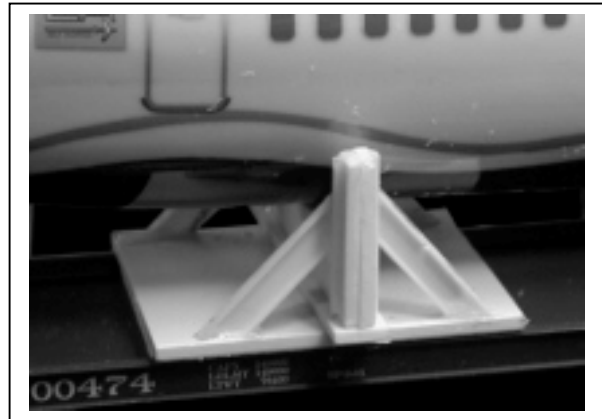


6 Add the Icicle Chopper to the leading end of the two car set. It will be necessary to remove cast-on grabs and other detail to get a flat surface to mount the Icicle Chopper. It will be necessary to file away the Icicle Chopper to get the correct width for the car being used.

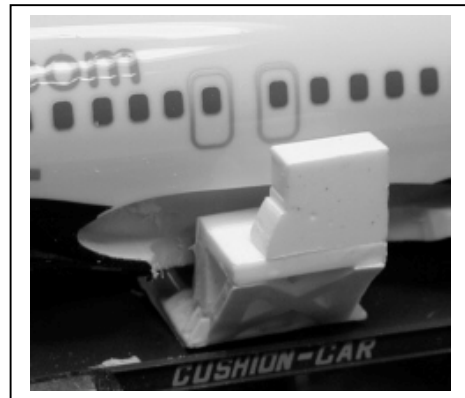


If you haven't already done so, assemble the fuselage of the B737 model you have chosen. Don't forget to chop off the nose to simulate the missing radome.

7 Position the Belly Support Assembly behind the front door of the fuselage approximately as shown.

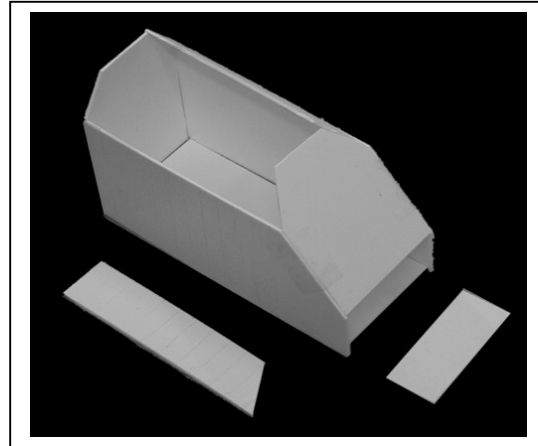


8 Position the Fuselage Support Assembly under the wing root as shown. After painting the fuselage you may attach the fuselage by gluing (

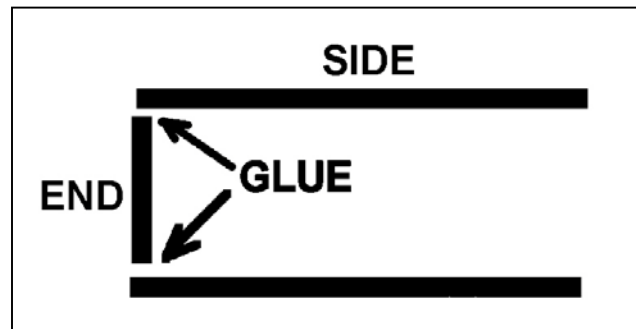


Canopy Assembly

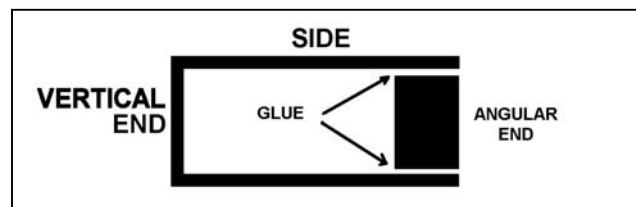
1 This is what the assembly will look like.



2 Glue the two sides to the Vertical End (5). Do not install the bottom at this time.



3 Now glue the Angular End (7) to the angled portion of the sides. Refer to the photo at the top of the page. Install the Short End (8) at the bottom of the angled end.



4 Install the Bottom (6) by placing and gluing to the insides of the sides and ends. Now fit the Angular Tops (2,3) to the angled sides and ends. It will be necessary to finish filing for a good fit. Add the Top (9) to complete the structure. Use Squadron's Green putty to smooth all seams.

Finishing

Use a lacquer based primer such as Floquil. The following paint scheme can be used on the fuselage. Paint the entire fuselage aluminum or chrome silver. I prefer chrome silver which I get from Ace Hardware. Any overcoat on chrome silver tones it down to an aluminum like appearance.

Next, since Boeing components are usually shipped with a transparent green overcoat, this can be simulated by using Testor's Candy Apple Green color used for painting race cars. Another choice is Pactra transparent colors. 1 part yellow to 5 parts green. This paint goes on looking opaque but dries transparent.

The bracing components are a light gray which is lighter than Floquil's Primer.

