

U.S.S. RELIANT

PHOTOETCH SET



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INTRODUCTION

Thank you for purchasing ParaGrafix's photoetched enhancement set for the Polar Lights 1/1000 scale Reliant model kit. We have made every effort to ensure that these parts can be used successfully by a modeler of modest experience, but there may be items that require advanced modeling techniques. For a basic primer on the use of photoetch, please visit <http://www.paragrafix.biz/video-instructions-1.asp> <http://www.paragrafix.biz/instructions.asp>.

Materials

In addition to the photoetch, you will also need scissors or a knife* to remove individual pieces from the main fret, a file to remove material left from cutting, and super glue (aka CA or cyanoacrylate). Additionally, to fold some pieces, you will need a pair of razor blades** or a specialty tool such as PhotoFold from ParaGrafix.

* We prefer a #17 Xacto chisel blade.

** Extreme care must be taken when using razor blades. Risk of serious injury.

Key

Kit part (plastic):  1

Photoetched part:  1

SHUTTLE BAYS

Remove Existing Doors

Cut the existing shuttle bay doors off from the back side of kit part 5.

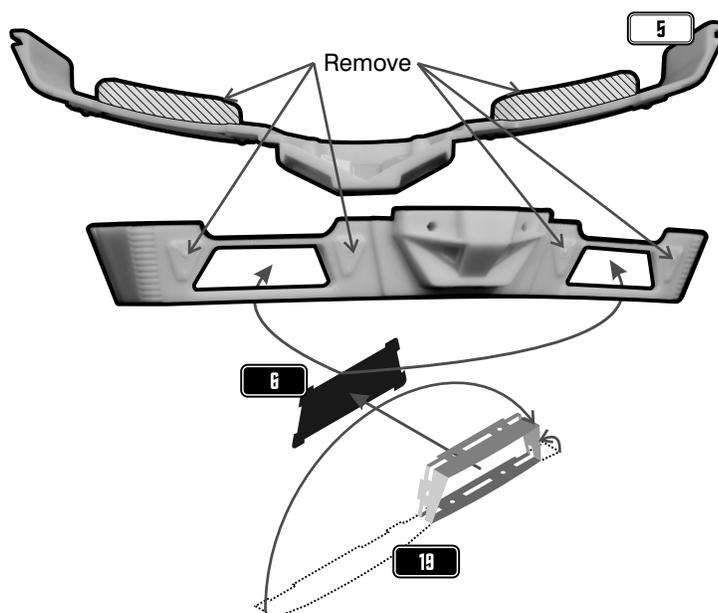
TIP: Remove the four triangular details at this time as well.

Assemble Shuttle Bay Doors

Fold both etch parts 19 in a trapezoidal shape, as shown and attach to the doors, 6.

Attach Shuttle Bay Inserts

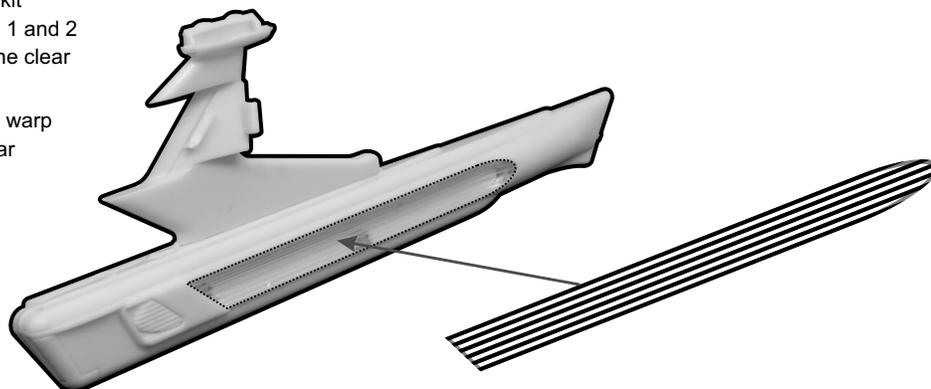
Insert the assembled shuttle bays into the holes cut in the kit part. Note that you will likely need to adjust the opening for a good fit.



WARP ENGINE GRILLS

Assemble the warp engine nacelles per kit instruction step 4, then attach etch parts 1 and 2 (starboard and port, respectively) over the clear insert.

LIGHTING TIP: If you will be lighting the warp engines, cut out the area behind the clear inserts (kit parts 107 and 108).



REAR DETAILS

Complete the final assembly of the ship. Note that if you are lighting the kit, you will want to do all of your modifications before the final assembly.

Impulse Engines

If you will be lighting the impulse engines cut out the plastic behind kit parts 105 and 106. Attach etch parts 8 and 9 over the clear inserts.

Officers Lounge

If lighting, remove plastic from kit part 4 to allow light to come through.

Docking Port

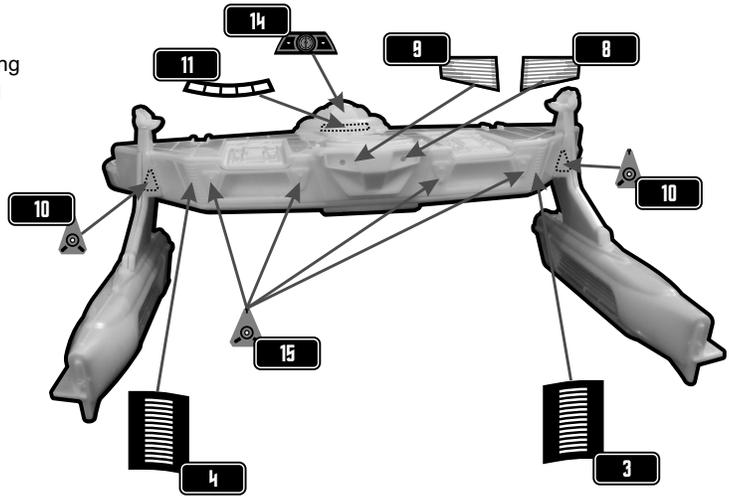
Attach the docking port (etch part 14) to the rear of kit part 3.

Triangles

Attach the triangles (etch parts 10 and 15) in the locations shown. You will need to remove the raised kit detailing if it hasn't already been done. Note that parts 10 and 15 are not identical.

Corner Grills

Attach etch parts 3 and 4 to the corners covering the kit detailing. Note that the ridged side should face in.

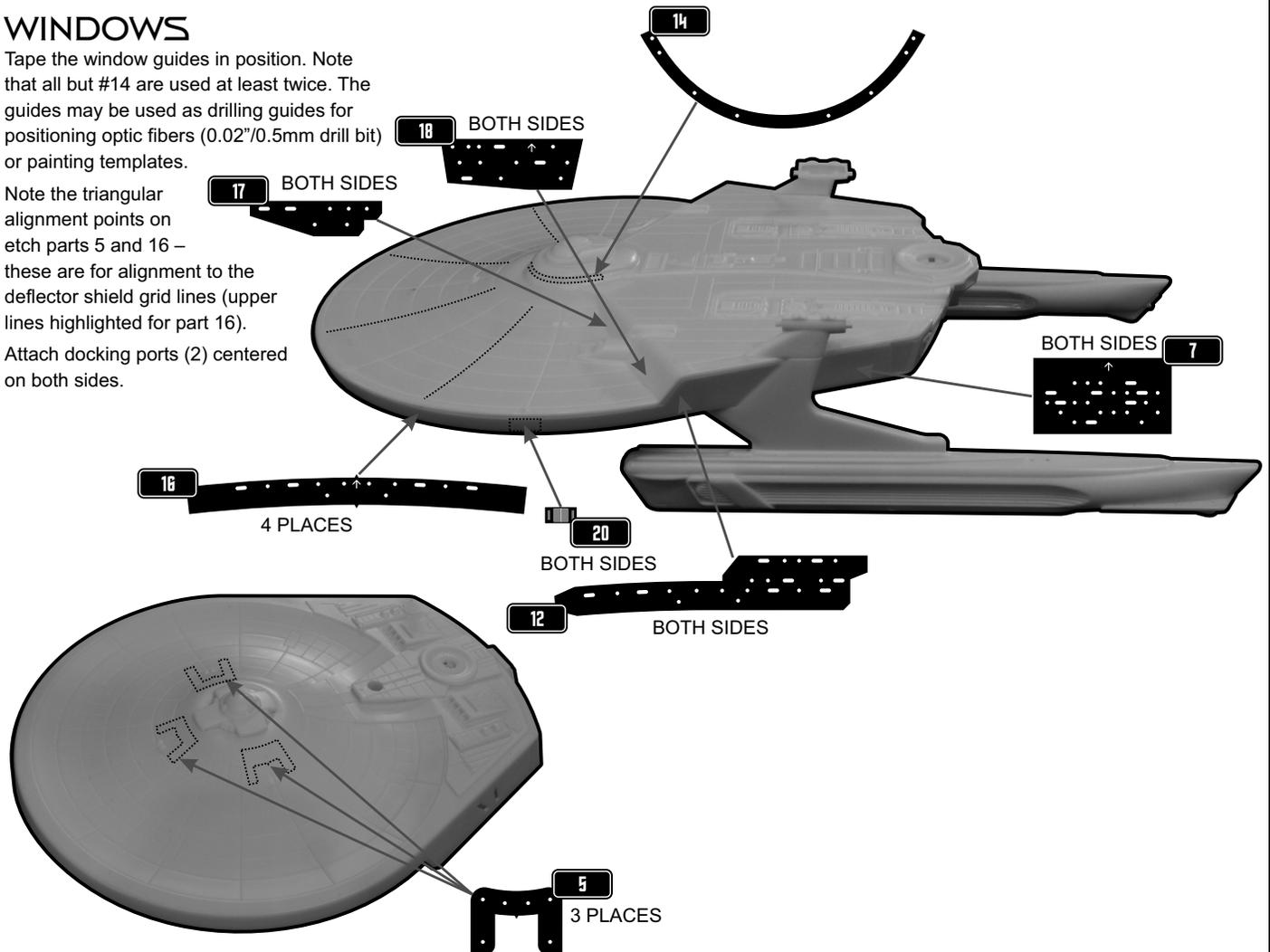


WINDOWS

Tape the window guides in position. Note that all but #14 are used at least twice. The guides may be used as drilling guides for positioning optic fibers (0.02"/0.5mm drill bit) or painting templates.

Note the triangular alignment points on etch parts 5 and 16 – these are for alignment to the deflector shield grid lines (upper lines highlighted for part 16).

Attach docking ports (2) centered on both sides.



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