

1:1000 REFIT STARSHIP BATTLE DAMAGE

PGMS
ParaGrafix™
Modeling Systems

INTRODUCTION

Thank you for purchasing ParaGrafix's photoetched enhancement set for the Polar Lights 1:1000 scale refit starship. 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/instructions.asp> and/or our videos at <http://www.paragrafix.biz/video-instructions-1.asp> and other resources available on the web.

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).

* We prefer a #17 Xacto chisel blade.

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

Important Notes Before You Begin

- Note that most of the pieces in this set should be annealed before applying to the ship. This will make them more pliable and less likely to want to spring off of the model after installation.
- Before removing material from the kit to simulate "hull breaches", you should test fit the kit and form the exterior pieces (after annealing).
- Use a slow setting adhesive so that you can work the pieces into position.
- Illustrations of removed sections of hull are for general location reference only. Use the actual photoetch pieces to mark out the cutting and cut the spaces slightly larger than the hole in the photoetch.



Über-Detailing

- To eliminate the stepped appearance from adding the damaged hull plating, sand down the kit's plating where it will be replaced by the photoetch.
- Additional detail (bits of wire, strips of styrene, etc.) can be added within the area between the outer and inner damage pieces so simulate additional damaged systems.

Key

Kit part (plastic):

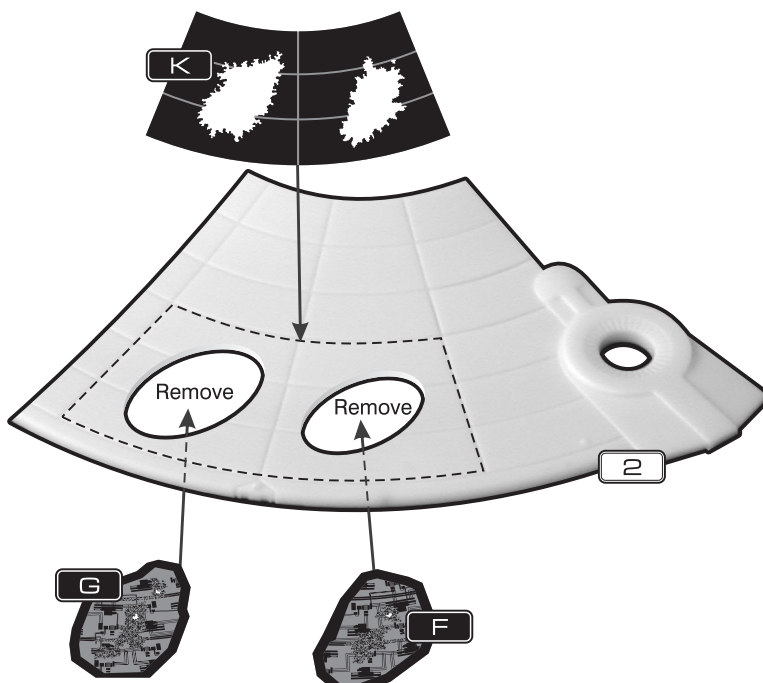
1

Photoetched part:

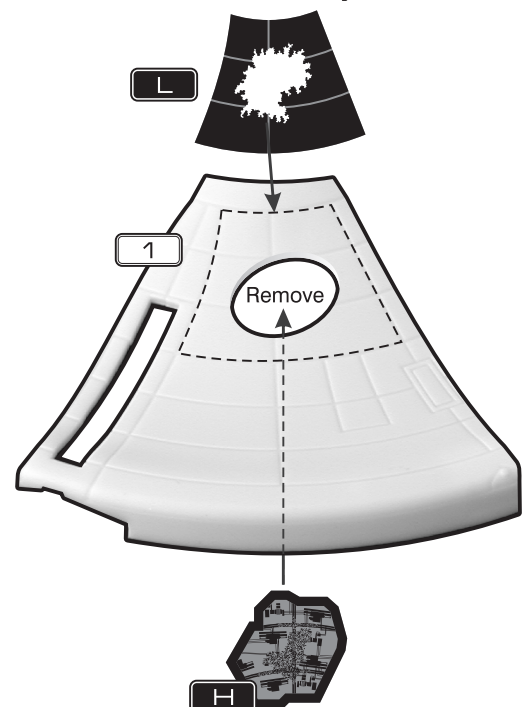
A

- Add small rectangles of thin (0.005 to 0.01 inch / 0.1 to 0.2 mm) sheet plastic, metal, or card to simulate repairs in progress.
- The kit's walls can be thinned using a Dremel tool so that the inner hull parts (i.e. F, G, & H below) can be set closer to the outer hull plates.

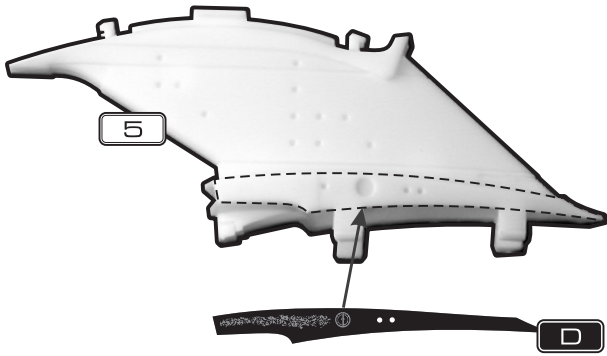
Upper Primary Hull



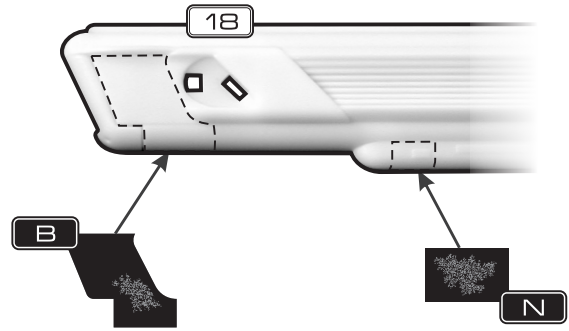
Lower Primary Hull



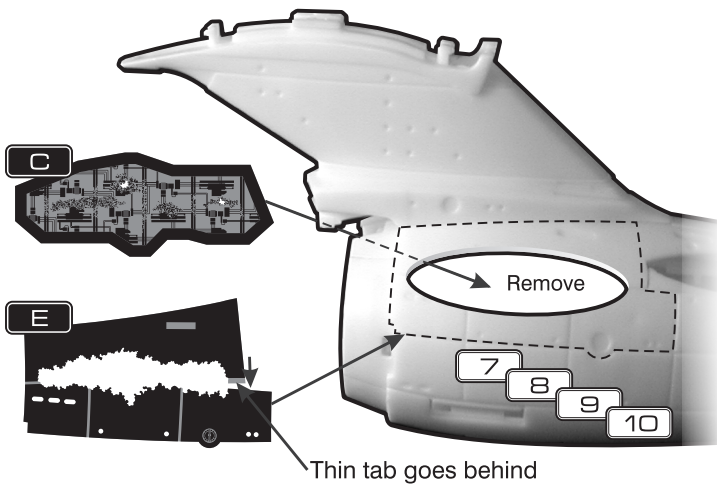
Torpedo Launcher



Port Warp Nacelle



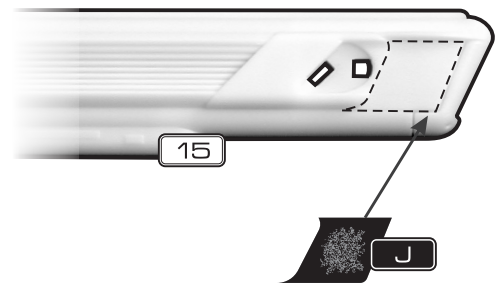
Port Secondary Hull



Thin tab goes behind

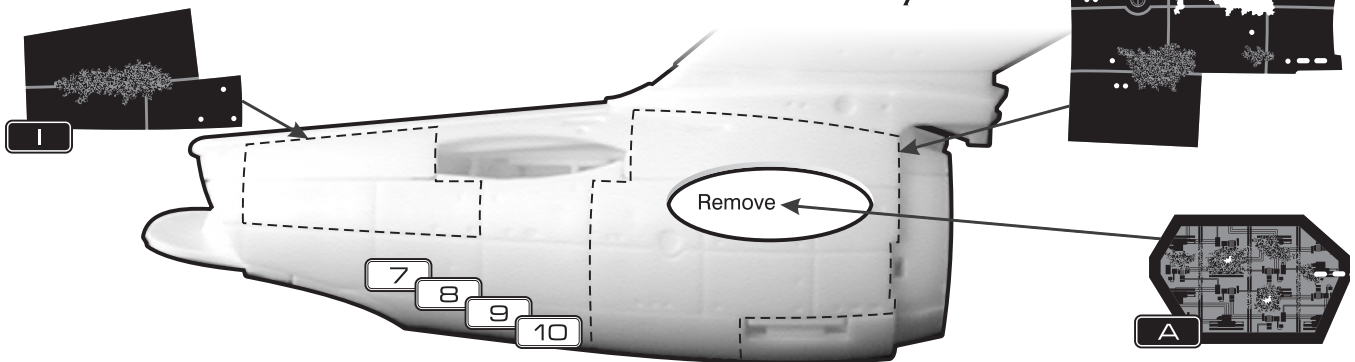
NOTE: You will need to remove some of the secondary hull's inner structural support to fit the inner hull parts A & C.

Starboard Warp Nacelle



Thin tab goes behind
(You will need to remove some of the attachment tab.)

Starboard Secondary Hull



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