

# Galileo Shuttle Photoetch Set

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PGX248

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## INTRODUCTION

Thank you for purchasing ParaGrafix's photoetch set for Polar Lights' Galileo Shuttle Photoetch Set. 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> for printed instructions and <http://www.paragrafix.biz/video-instructions-1.asp> for videos.

### 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, super glue (aka CA or cyanoacrylate), and Micro Krystal Klear or equivalent clear parts adhesive for the films.

\* Our favorite is Xuron's Professional Photoetch Scissors.

\*\* We prefer a #17 Xacto chisel blade.

### Key

Kit part (plastic): 1

Photoetched part: 1

Backlight Film: A

## PREPAINTING PHOTOETCH

Note that in most cases you will want to prepaint the photoetch parts before applying them to the kit. This will eliminate the need to mask the through-holes for lighting.

## MAIN CONTROL CONSOLE

**NOTE:** There are three different center controls (etch parts 3A, 3B, and 3C) as well as 3 options for the right-hand display (parts B). The displays provide differently highlighted areas as well as a blank unit that can be used as desired.

The photoetched controls replace kit part 113 and represent the 3 different layouts as seen in the following episodes:

3A: Used in "The Galileo Seven". Do not attach kit part 44.

3B: Used in "The Menagerie, Part 1". Do not attach kit part 44.

3C: Used in "Metamorphosis", "The Doomsday Machine", and "The Immunity Syndrome".

### Modify Kit Part 42 for Lighting

If you are lighting your kit, use any of etch parts 3 to mark the location of the mounting hole for kit part 111 – the circular scanner. Cut this area out so that light used for the lower controls will light the scanner.

### Pilot's Station

Etch part 8 replaces kit part 110. Mount film C from behind.

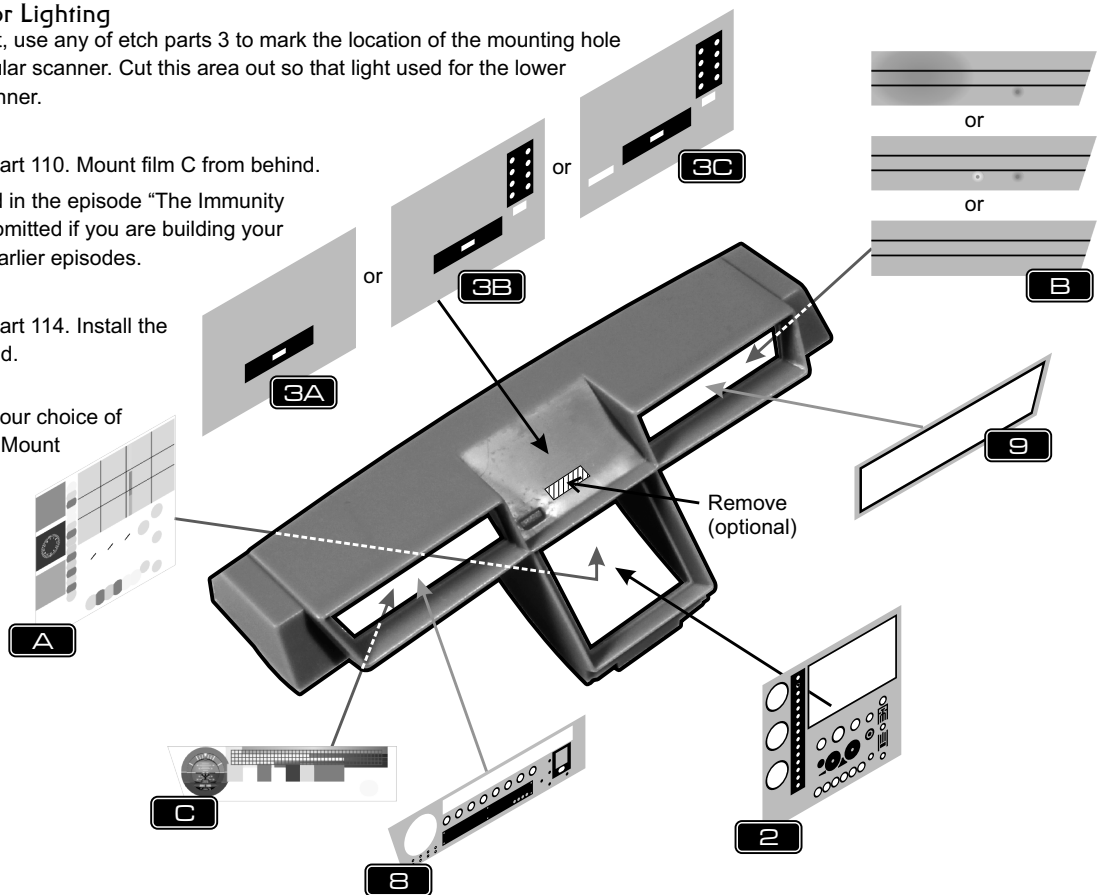
Kit part 63 was only used in the episode "The Immunity Syndrome" and may be omitted if you are building your Galileo from any of the earlier episodes.

### Copilot's Station

Etch part 9 replaces kit part 114. Install the desired film B from behind.

### Central Controls

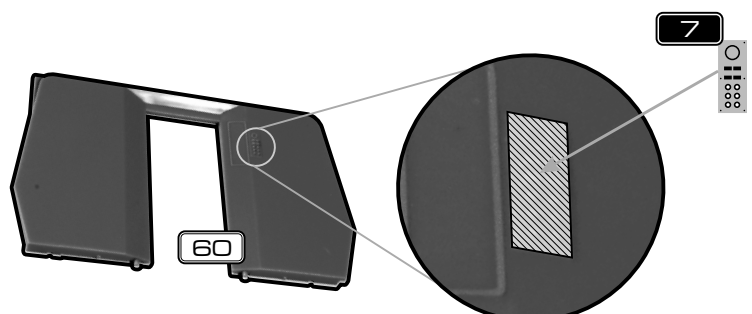
Mount etch parts 2 and your choice of 3A, 3B, or 3C as shown. Mount film A behind etch part 2.



## REAR WALL CONTROLS

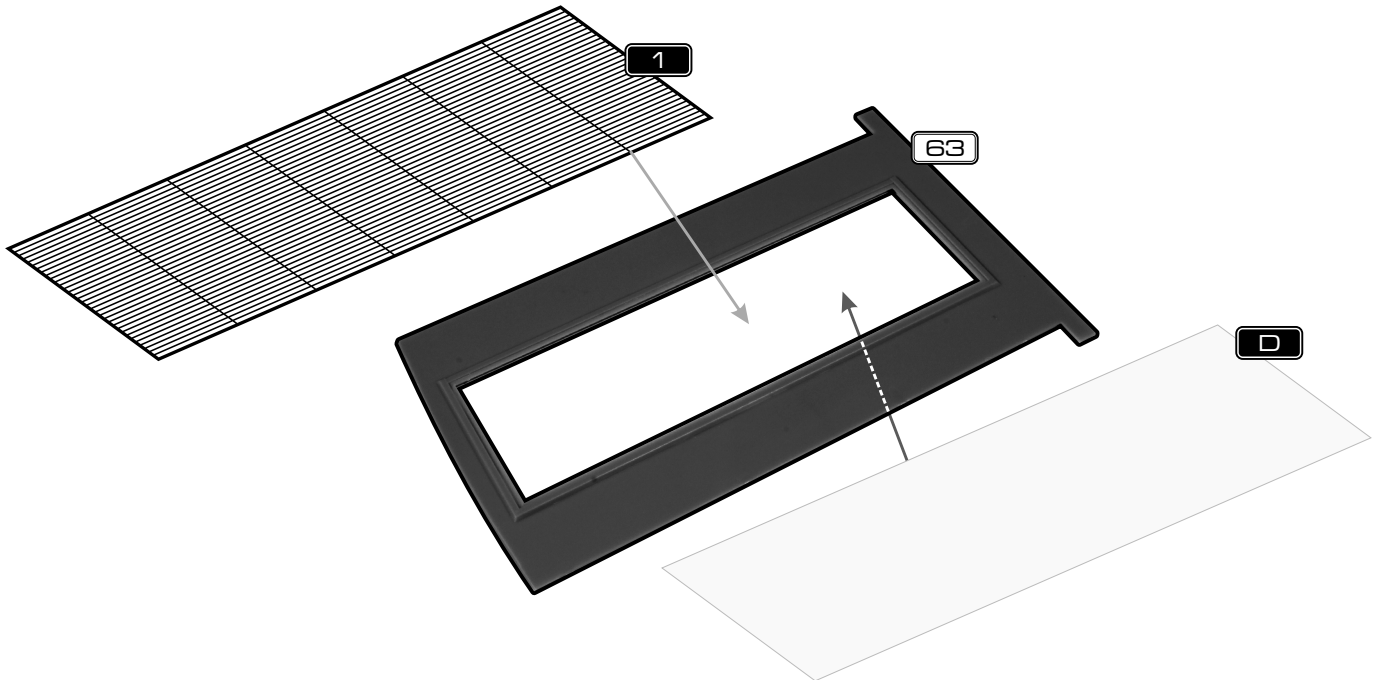
**NOTE:** If you plan to light the 6 holes on etch part 7, drill through the corresponding area of the kit part.

Remove the raised button details from kit part 60, then mount etch part 7 in its place.



## CEILING LIGHT PANEL

Mount etch part 1 to the front surface of kit part 63 and mount film D from behind.

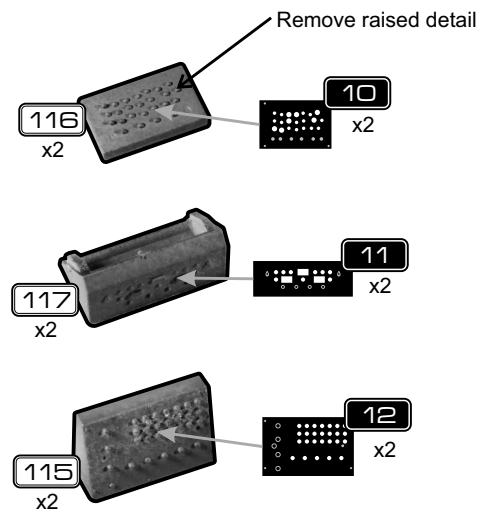


## SIDE CONTROLS

**NOTE:** The kit pieces have been painted to make photography easier.

Remove the raised details from kit parts 115, 116, and 117. Attach etch parts 10, 11, and 12 as shown.

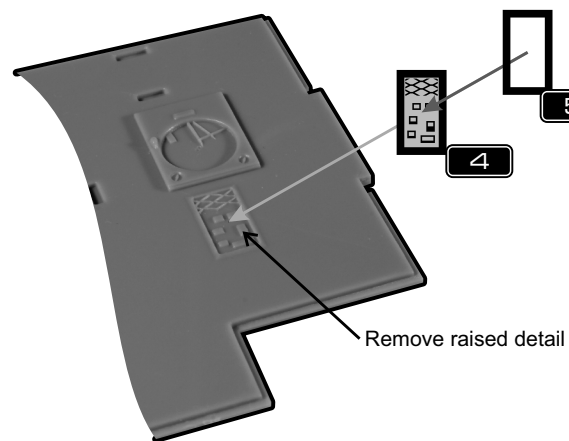
These photoetch pieces are designed to work with the kit supplied decals (33, 34, and 35) or you can fill in the various button locations with tinted Krystal Klear (or equivalent).



## ENGINEERING PANEL

Remove the raised detail from kit part 55 as shown.

Replace with etch parts 4 and 5, layered so that 5 is on top, creating a thicker rim.



## DOOR INDICATOR

**NOTE:** This piece will not fit where it should do to limitations of fitting the interior set within the confines of the shuttle's exterior set piece.

Mount the indicator, etch part 6, centered above the door on the port side wall, kit part 56.



Attleboro MA 02703 USA  
+1 508-431-9800  
[www.ParaGrafix.biz](http://www.ParaGrafix.biz)

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