

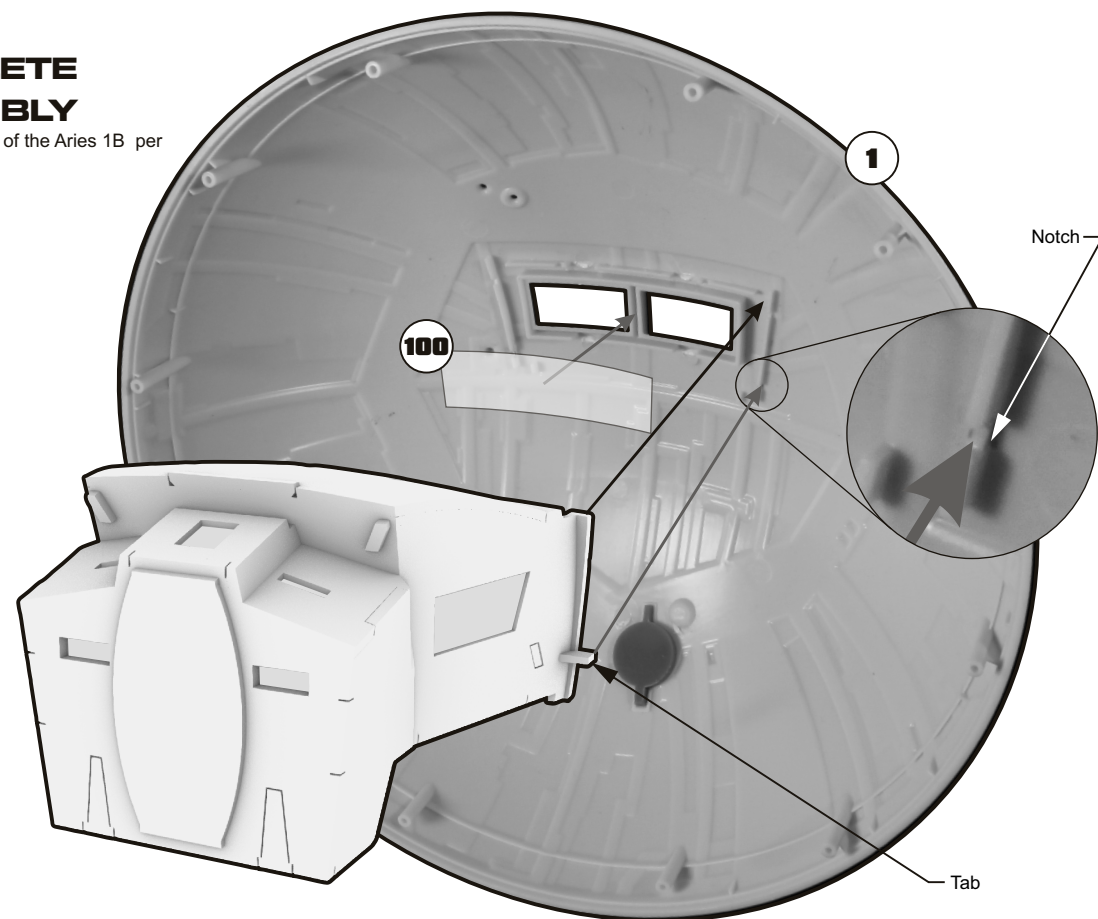
## INSTALL COCKPIT

Attach the cockpit and cockpit window (kit part 100) into the upper dome (kit part 1) in the same manner as the stock kit interior.

**NOTE:** The tabs on the side of the cockpit fit into the lower notches in the upper dome. (See enlarged area of photo at right.)

## COMPLETE ASSEMBLY

Assemble the rest of the Aries 1B per the kit instructions



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Special thanks to Adam Johnson both for his 2001: The Lost Science books, which were a wealth of fantastic references, and for his help detailing items not covered in them.

# aries 1B Replacement Cockpit



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## INTRODUCTION

Thank you for purchasing the Aries 1B Replacement Cockpit. While we have made every effort to make this set as easy as possible to assemble, familiarity with assembling cast resin kits is suggested. Familiarity with electronics and lighting is also suggested for those wishing to light the control panels and interior.

Read all instructions and test fit all assemblies before glueing parts together.

## MATERIALS/SUPPLIES

In addition to standard modeling tools (hobby knife, files, etc.) you will also need a good, sharp, pair of scissors to cut and trim the backlight films used for the control panels.

Since this set is made from cast resin, standard plastic hobby glue will not work. We suggest epoxy or CA (AKA cyano acrylate, super glue) for assembly.

In addition, to adhere the backlight films into their respective control panels you will need a clear PLA glue such as *Micro Krystal Klear* or *Testors Clear Parts Adhesive and Window Maker*.

## LIGHTING

Electronics for lighting this set are not included. Designing and installing the lighting is up to the builder.

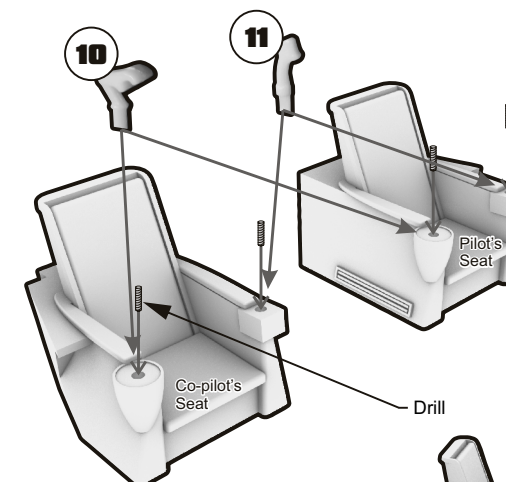
## PAINTING

It is suggested that you prime and paint parts before assembly, leaving clear space along mating surfaces for the adhesive to, well, adhere.

## ASSEMBLE PILOTS' SEATS

Use a 1mm drill bit to expand the dimples on each arm of the pilot's and co-pilot's seats.

Insert kit parts 10 and 11 (right- and left-hand control sticks) as shown.

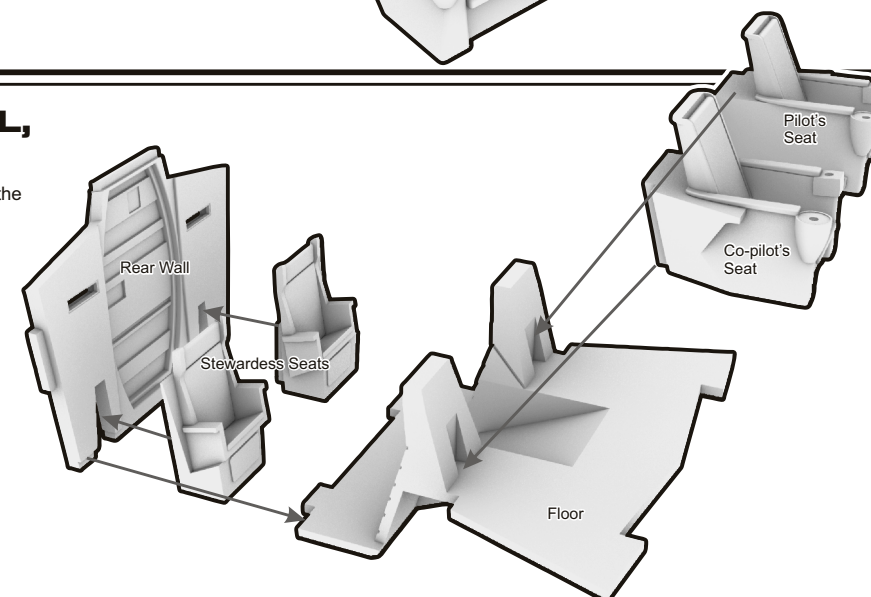


## FLOOR, REAR WALL, AND SEATING

Attach pilots' seats to the main floor, inserting the notch on the backs of the chairs into the corresponding opening on the floor.

Repeat with the stewardess' chairs and the rear wall.

Attach the rear wall to the floor.



## PRINTING INSTRUCTIONS

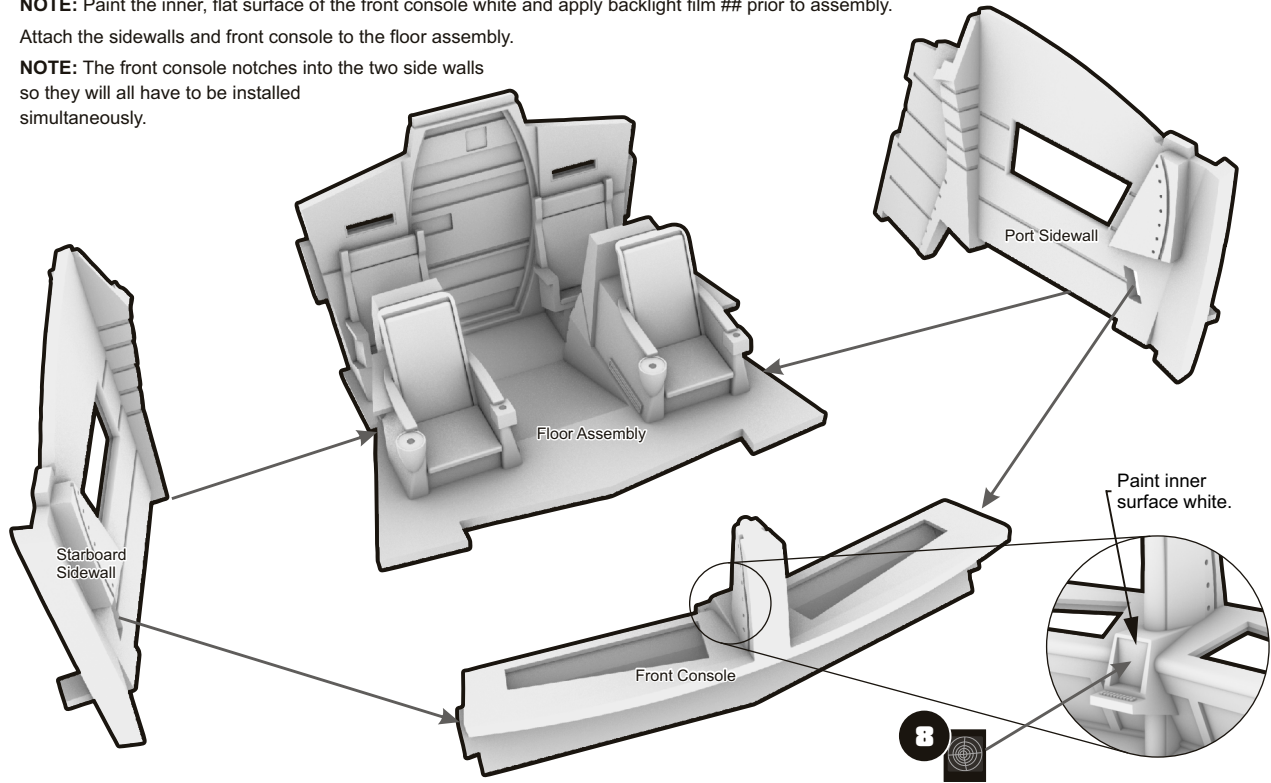
Cut to 14-3/4" wide.  
Fold in half three times  
to 3-5/8" by 5-1/2"  
with masthead facing out.

MAIN ASSEMBLY

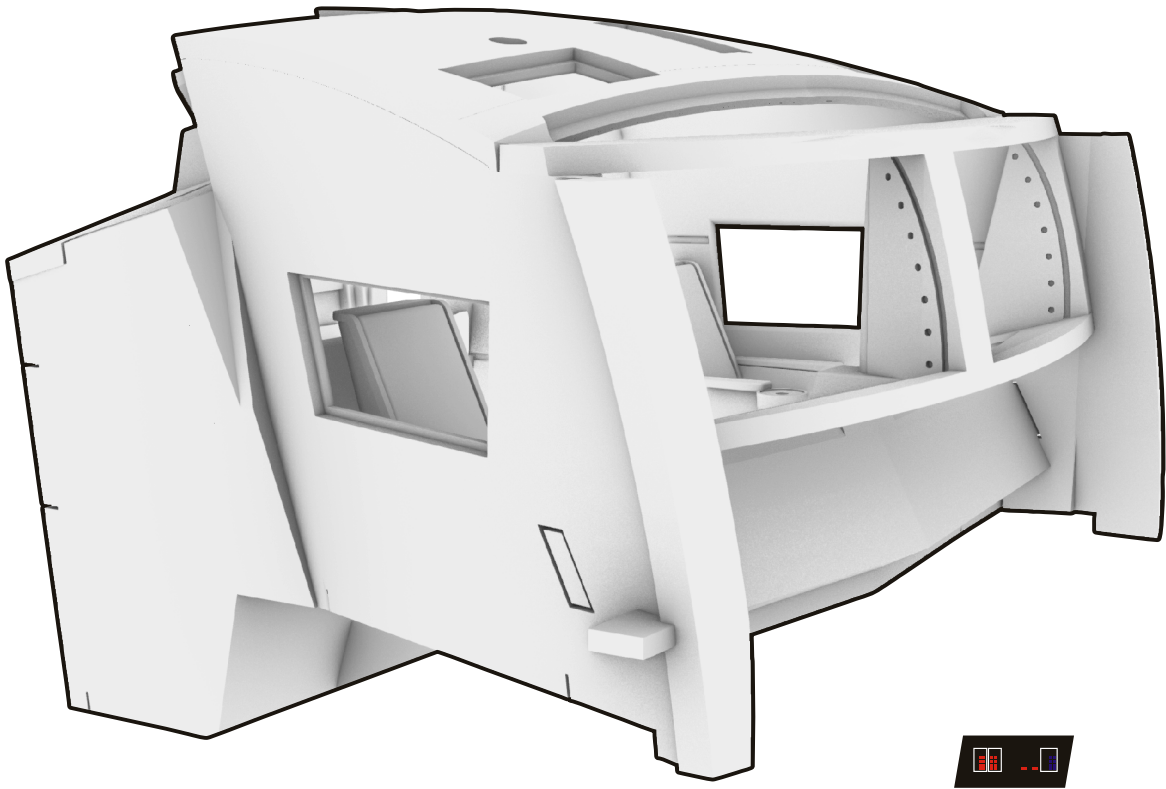
NOTE: Paint the inner, flat surface of the front console white and apply backlight film ## prior to assembly.

Attach the sidewalls and front console to the floor assembly.

NOTE: The front console notches into the two side walls so they will all have to be installed simultaneously.

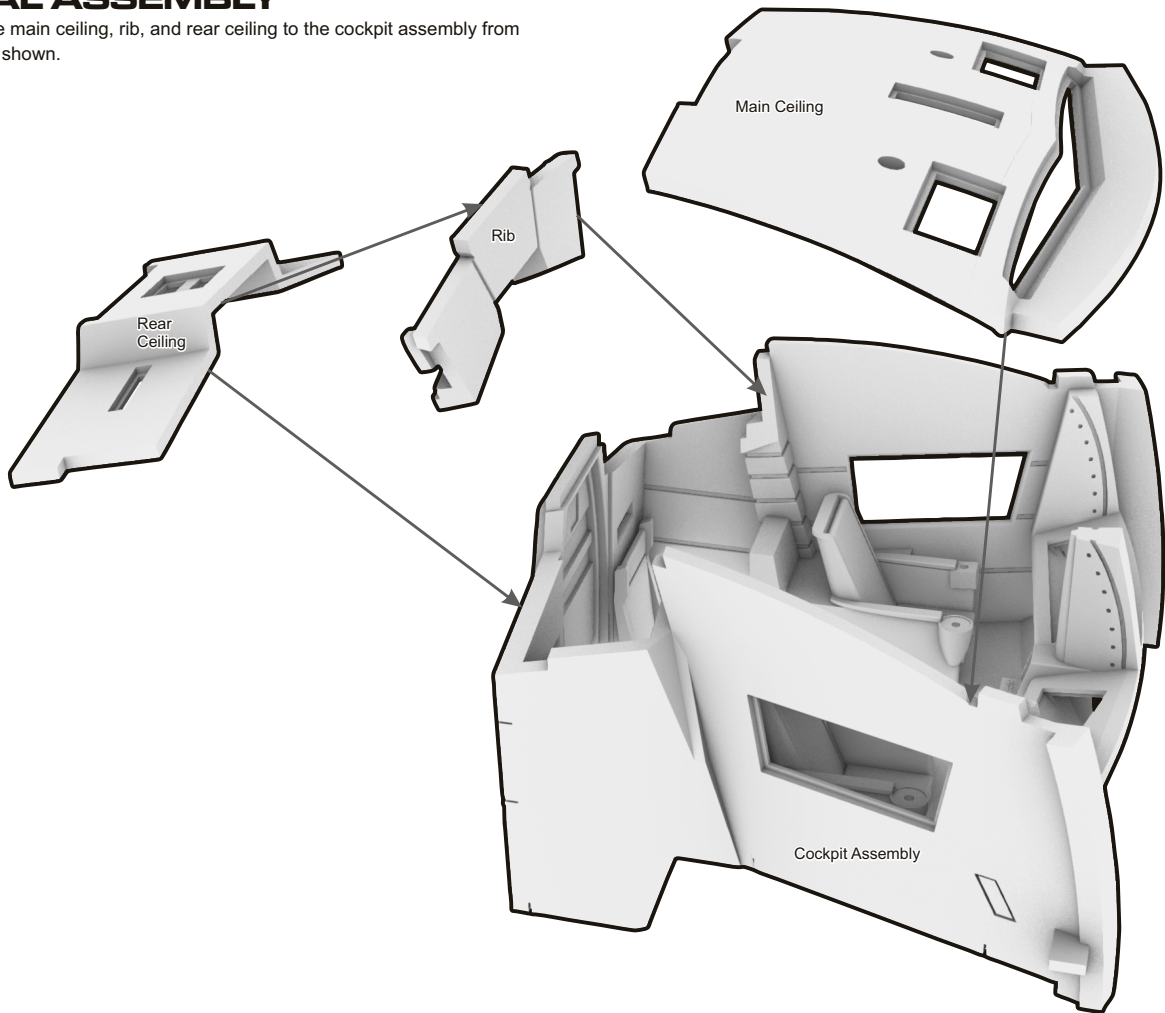


ASSEMBLED COCKPIT



FINAL ASSEMBLY

Attach the main ceiling, rib, and rear ceiling to the cockpit assembly from above as shown.



MOUNT BACKLIGHT FILMS

Mount the backlight films into their respective openings as shown below. Trim and test fit the films so that they fit snugly at the base of the resin parts as shown at bottom-right.

Note that the films should be mounted so that the printed side faces inward (i.e. toward the pilots) with the "washed out" surface facing out.

The unprinted ("clear") films are for lighting panels and the two circular openings in the ceiling are sized for 2mm LEDs (with some extra space for adhesive.)

