

# MILLENNIUM FALCON

## Photoetch Set



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### INTRODUCTION

Thank you for purchasing ParaGrafix's photoetch set for the Fine Molds 1/72 scale Millennium Falcon kit. This set is intended for modelers of moderate ability and is definitely not for novices. Some prior experience with photoetched enhancements will be useful.

### 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.

### Lighting Options

Unless otherwise noted, you can prep areas for lighting by removing plastic from areas where there are through holes in the photoetch. You can then backlight the photoetch. For best results, we suggest using Micro Kristal Klear from Microscale Industries ([www.microscale.com](http://www.microscale.com)) to fill the through holes. MKK can be tinted for different colored lights.

### Installation Parts Order

It is best to paint and apply decals prior to fold parts.

The installation steps are not in any particular order. You can complete them as you see fit to complement your kit construction order.

### Mandible Tips Etch Parts #16, #17, #18, and #19 (x2)

**Step One**  
Begin at the middle and fold the three sections of the top and bottom so the parts look like it does in step two.

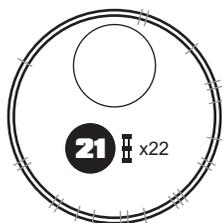
**Step Two**  
Fold the top and bottom edges at 90°.

**Step Three**  
Attach parts #18 behind the holes, then fold the sides toward the back.

**Step Four**  
Fold the remaining panel to complete the back side. Attach part #19 to the front, ensuring that the holes line up.

**FINISHED ASSEMBLY**

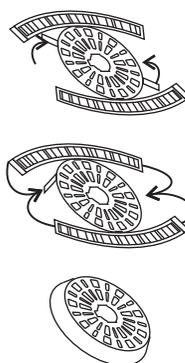
### Quad Turret Base



Lines show the known locations of part #21 on the studio model. These details are not visible on the lower turret base rim, but extras are included should you care to add them.

### Landing Gear Baffles

#### Etch Part #1 (x7)



**Step One**  
Fold glue tabs down.

**Step Two**  
Fold rims down. Kit baffle part may be used for shaping, but do not use when aligning when gluing.

**FINISHED PART**  
Use brass in place of kit part. DO NOT FORCE - carefully file or sand kit support until brass moves freely.

### Miscellaneous Parts

**14** Small Engine Grills  
Parts 14 replace parts C43. Mount to 1mm thick styrene sheet to replicate studio model parts.

**15** Large Engine Grills  
15.5mm x 1.5mm  
18.5mm x 1.5mm

**16** Large Engine Grills  
15.5mm x 1.5mm  
18.5mm x 1.5mm

**17** Large Engine Grills  
15.5mm x 1.5mm  
18.5mm x 1.5mm

**18** Large Engine Grills  
15.5mm x 1.5mm  
18.5mm x 1.5mm

**19** Large Engine Grills  
15.5mm x 1.5mm  
18.5mm x 1.5mm

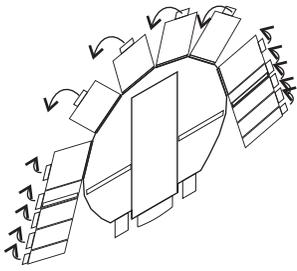
**20** Cockpit grill for lighting.

**12** Replaces parts C42 and D8  
Part 12 replaces parts C42 and D8

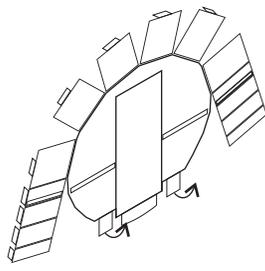
**13** Apply to the top of part D6 with grill slots flush to top of kit part

## Cockpit Backwalls Assembly

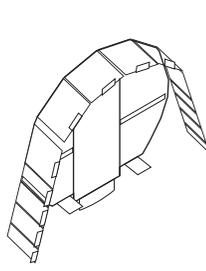
### Etch Parts 5 and 6



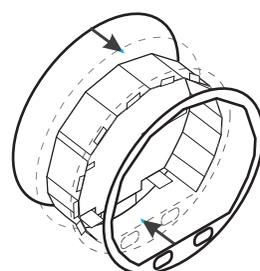
**Step One**  
Fold outer tabs backwards.



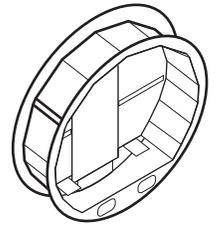
**Step Two**  
Fold cockpit floor tabs up and forward.



**Step Three**  
Fold sidewall panels forward.



**Step Four**  
Attach part #6 to front. Attach clear styrene\* disk to back of part for support and lighting.

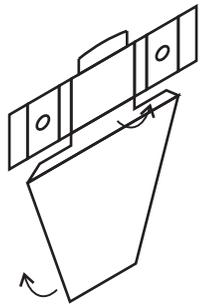


**FINISHED ASSEMBLY**

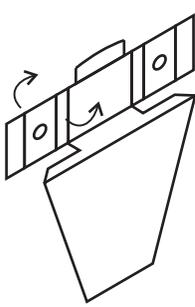
\* See template below.

## Cockpit Floor

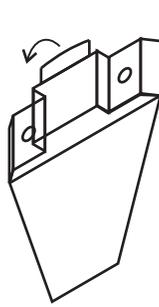
### Etch Part #4



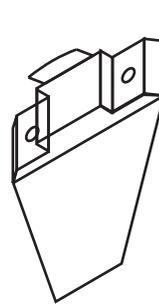
**Step One**  
Fold main floor down, then smaller riser up.



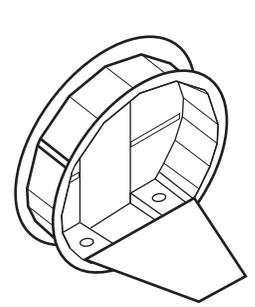
**Step Two**  
Fold lower floor tier up to mate with riser.



**Step Three**  
Fold alignment tab down, perpendicular to floor.

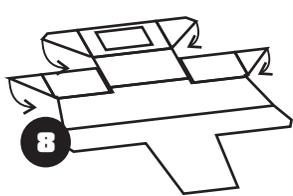


**FINISHED PART**  
Holes in lower tier are for tube/rod rises (not included) to raise the back seats.

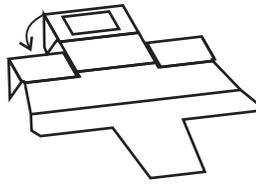


**ASSEMBLY**  
Attach floor to Backwall Assembly.

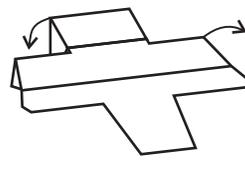
## Cockpit Consoles



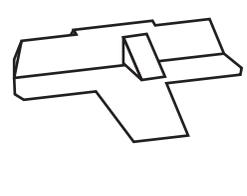
**Step One**  
Fold triangular sections down.



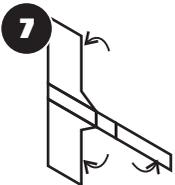
**Step Two**  
Fold base area back.



**Step Three**  
Fold base under and upper controls up.



**Complete**  
Fold part 11 so that sides are parallel and attach to console.



**Step One**  
Fold sides over



**Step Two**  
Fold top down.



**Complete**

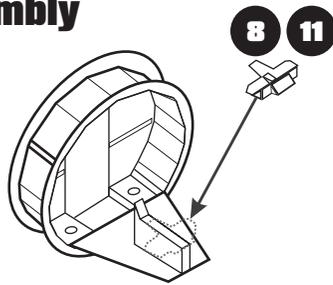


CLEAR PART CUTTING TEMPLATE  
36.5mm (1-7/16") DIAMETER

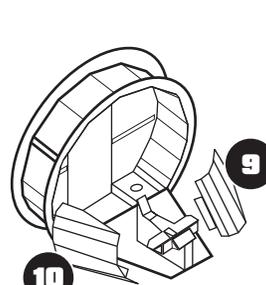
## Final Cockpit Assembly



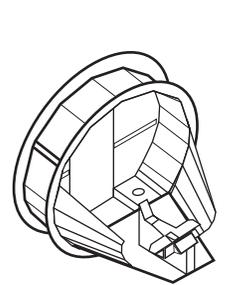
**Step One**  
Attach center console (7). (TIP: Install seats first.)



**Step Two**  
Attach instrument panel (8/11).



**Step Three**  
Slightly warp the sidewalls (9/10) and attach to the floor and "tube".



**Complete**  
Install in place of the kit cockpit.



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Photoetch design and instruction illustrations by Robert Holts.