

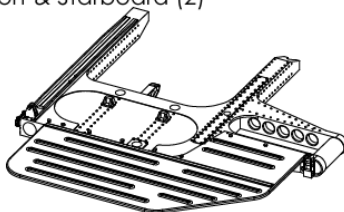
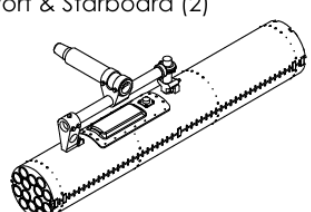
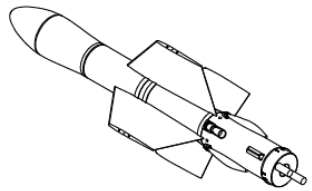
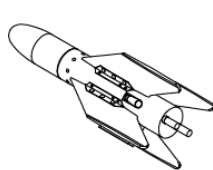
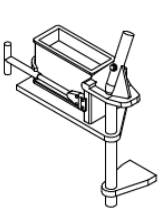
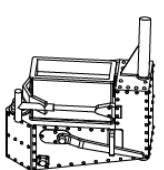
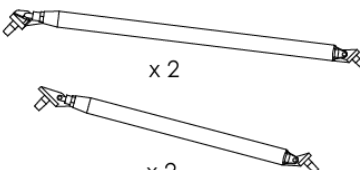
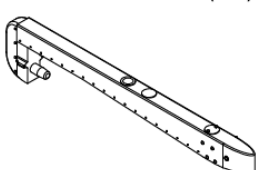
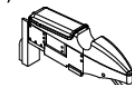


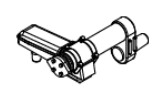


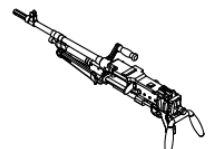
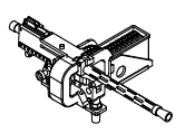
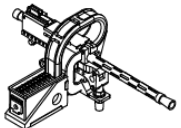


# Hendie's Scale Parts

*Scale parts for the serious modeler*

Email: [AHENDERSON@Zoominternet.net](mailto:AHENDERSON@Zoominternet.net) or contact me on Britmodeller.com, username: **hendie**

**WSX48 SET F**      Wessex Weapons Pack Upgrade Kit.

**Contents:**

<b>WESSEX Weapons Pack (Set F)</b> <b>WEAPON PLATFORM</b> Port & Starboard (2) 		<b>ROCKET PACK</b> Port & Starboard (2) 		AS12 (x 2) 		SS11 (x 4) 	
<b>GPMG MOUNT: WINDOW</b> 	<b>GPMG MOUNT: CABIN DOOR</b> 	<b>PLATFORM STRUTS</b> x 2 		AS12 LAUNCH RAIL (x 2) 		SS11 LAUNCH RAIL (x 2) 	
		PINTLE x 3 	SHELL BAG x 3 	AS12 LAUNCH RAIL ADAPTOR 		SS11 LAUNCH RAIL OUTBOARD 	
				Port & Starboard (2)		Port & Starboard (2)	
<b>L7A2 GMPG w/STOCK</b> 	<b>L7A2 GMPG w/TWINGRIPS</b> 	<b>BROWNING STBD SIDE</b> 	<b>BROWNING PORT SIDE</b> 	<b>GPMG DOOR MOUNT PIVOT</b> 	<b>MAIN WHEEL HEAT SHIELD</b> 		
X 2						Port & Starboard (2)	

Important: Dimensions provided in these instructions are based on what worked on my test kit, and are provided as reference only, though should provide a good starting point. *Frequent test fitting is highly recommended.*

We all do things differently so these instructions are to be used a guide only – if you find something better that works for you – go for it!

## Preparation:

### General tips for working with 3D printed resin parts.

In most cases, parts are supplied with supports removed, but final clean-up is left to the end user.

It is *not* recommended to use snips on 3D printed parts as the parts can be brittle and snap easily due to the forces imparted when using snips. A razor saw is strongly recommended for any cutting tasks. Parts can be cleaned up with files, sanding sticks etc.

Prior to committing any parts to glue, it is recommended to test fit, especially when locations are by pin and hole. The process and printing orientation can sometimes leave holes out of round which may prevent a good joint. If necessary, carefully drill out the holes to the appropriate diameter.

Adhesives: UV curing resin can be used as an adhesive but make sure that the UV light source can reach all areas of the join. Superglue is recommended for a strong permanent joint. Other glues such as E6000, and GS Hypo can also be used.

Standard plastic cement, or glues like Tamiya thin will *not* work on resin printed parts.

Follow all standard health precautions.

### Weapons Platform Installation

*General information:*

*Please read through this entire document prior to beginning any assembly or installation.*

It is recommended that the kit undercarriage is fitted prior to fitting the weapons platform.

If fitting the mainwheel heat shields, these should also be fitted prior to the weapons platform installation.

Likewise, the Browning machine guns should be fitted to the platform prior to the weapons platform installation. This will eliminate any unnecessary forces being applied to the platform once it is fitted.

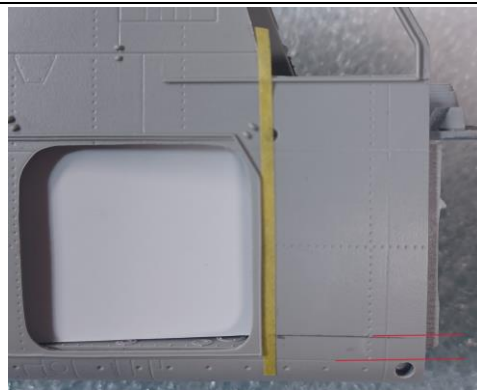
The weapons platform support struts are *very* fragile, especially at the mounting location on each end. Extreme care is required when handling.

Once fitted, the structure becomes much stronger though care is still required when handling. A spare set of struts is included.

Mark a vertical line 1.5mm forward of the cabin door stop rail.

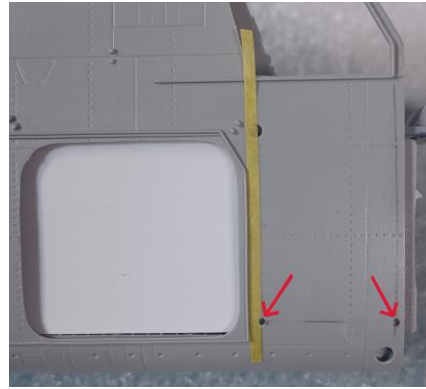
In this picture I have used a length of 1.5mm Aizu tape as I already had this exact width available.

Mark a second, horizontal line 3mm above the kit panel line which runs immediately below the cabin door opening – highlight in red.



Using a  $\text{Ø}0.8\text{mm}$  drill bit:  
Drill one hole at the point where the two axes cross.  
Drill a second hole at 17.25 mm center to center with the first hole, along the horizontal axis.

Draw a vertical through the center of the second hole.



On the vertical axis, mark a position 2mm center to center above the kit Oleo location hole.  
Drill a hole using a  $\text{Ø}0.8\text{mm}$  drill bit.



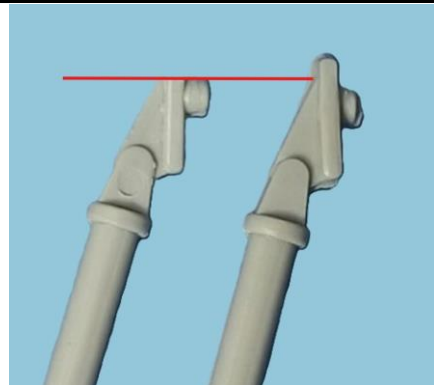
Mark a position on the second vertical axis at 24mm above the lower hole.  
Drill hole using  $\text{Ø}0.8\text{mm}$  drill bit.



Preparation of kit parts:

The kit Oleo's require modifying in order for the weapons platform support struts to fit.  
Remove material from the top of the mounting plate down to the start of the triangular extension plate.  
Highlighted by the red line shown here.

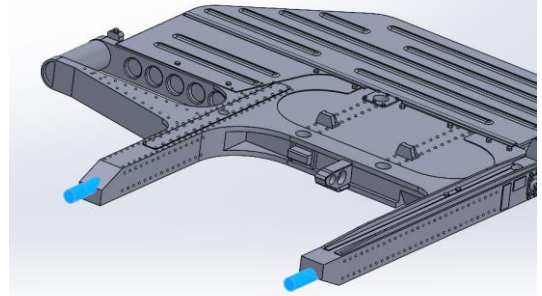
The top of the plate should now fall in line with the kit locating pin. (example on left in this picture).



Fit 2 x 0.8mm brass (or plastic) rod into the two mounting points on the end of the platform spars. (highlighted blue)

The holes may need cleaned out prior to fitting the pins.

Leave approximately 5mm of the pins protruding from the weapons platform (highlighted in blue).



Attach the weapons platform to the fuselage but do not glue at this point.

Attach the rearmost (longer) strut to the weapons platform and the fuselage but do not glue. This will align the strut correctly. Apply a small piece of tape (gently) over the top mounting point to hold the strut in position for the next step.

Allow the weapons platform to drop slightly to expose the mounting hole.

Apply a small drop of your chosen adhesive to the hole then lift the platform back up ensuring the strut pin engages with the hole.



Remove the tape and allow the platform to drop slightly once again and this will allow access to the top mounting hole.

Apply adhesive and raise the platform again to engage the strut pin with the mounting hole.



With the rear strut glued in position there is very little movement available in the weapons platform so care is needed when installing the front (shorter) strut.

Place a small amount of adhesive in the location hole in the weapons platform, and in the location hole in the fuselage.

Now, aligning the pin struts to their respective locations, place the strut bottom pin into the weapons platform, then gently press down on the platform while pushing the top pin towards the location hole and it should pop in.



Apply a small drop of superglue to the underside of each of the two pins as they connect with the fuselage to secure the platform in position.

The weapons platform is now installed.



### Mainwheel Heat Shield

The heat shield is designed to slip over the axle as shown on right.

Once in place, ensure the heat shield is level then fix in position with your chosen adhesive – superglue is recommended in this instance, applying the adhesive to the location arrowed.



### GPMG Assembly

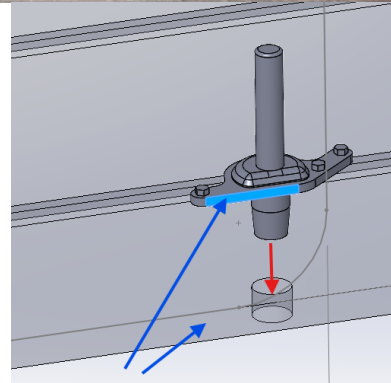
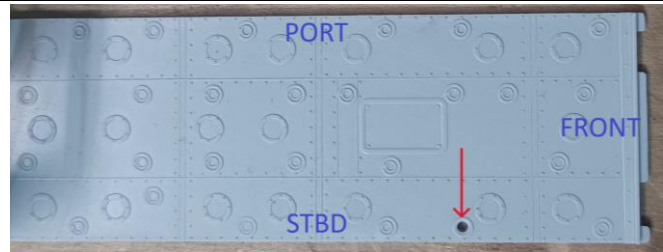
Drill a Ø1.25 hole in the cabin floor in position as shown arrowed in red.

The hole should be centered in the second small circular panel from front.

Sand the raised panel detail flush with floor to allow the GPMG mount to sit flush with the floor.

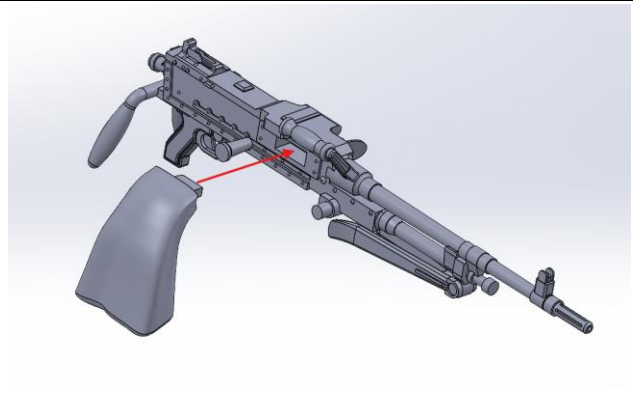
(Note: The Italeri floor detail is incorrect and all the raised detail should actually be recessed).

Fit the door mounted GPMG pivot block to the floor ensuring the front face is parallel to the edge of the floor (blue arrows).

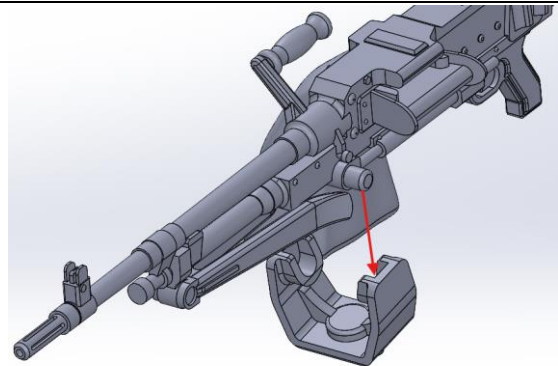


Assemble the shell casing collection bag and GPMG using the provided slot.

This step and following steps are identical for the window mounted GMPG.



Fit the pintle to the GPMG – Do not glue at this point.

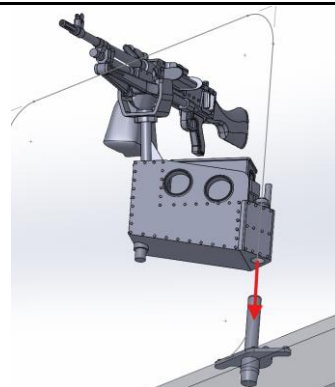


Fit the pintle to the support rod.  
Note: you may need to clean out the mounting hole on the pintle with a 0.8mm drill bit.



Fit the GPMG assembly to the Door/Window mount.

Rotate components to desired position and fix in place with chosen adhesive.



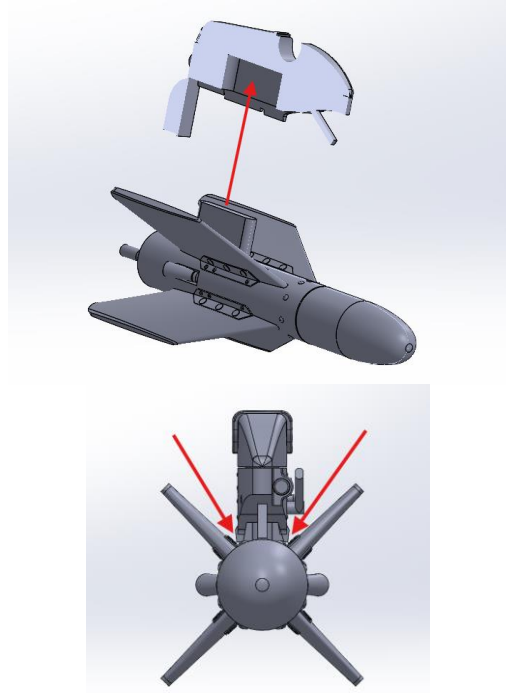
### Missiles & Launch Rails Assembly.

### SS11 Missile & Launch Rail.

Assemble the SS11 missile and launch rail using the slot provided.

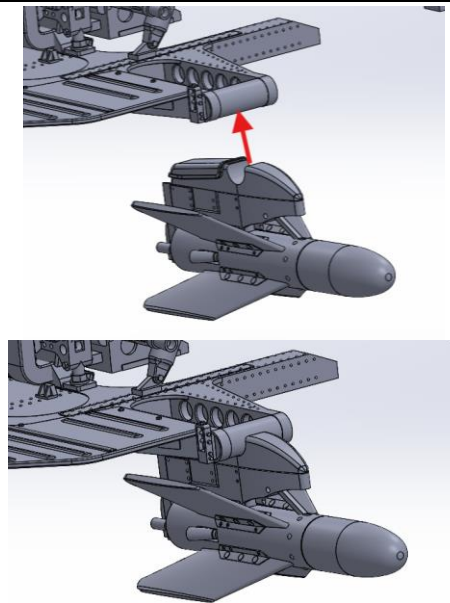
The missile should contact the launch rail at the spots arrowed – you may need to remove some material from the top of the mounting boss to achieve this.

The launch rail is the same for both Port & Starboard.



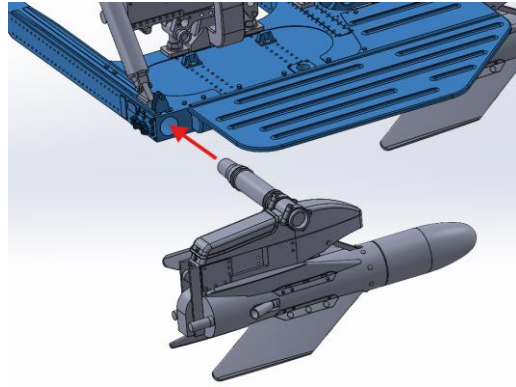
Fix the SS11 launch rail to the front spar of the weapons platform.

Same procedure for Port & Starboard.



If using Configuration A, attach the SS11 missile to the outboard pylon using the same procedure as above, then insert the pylon attachment into the weapons platform as shown.

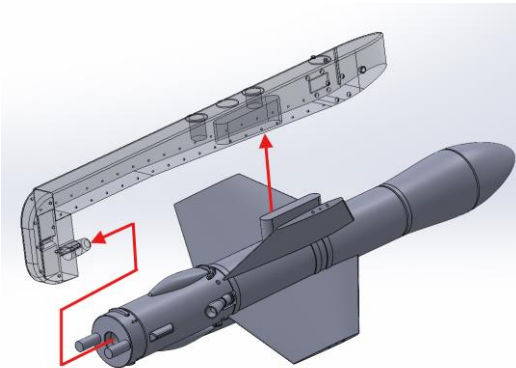
Note: The outboard pylons for the SS11 missiles are handed.



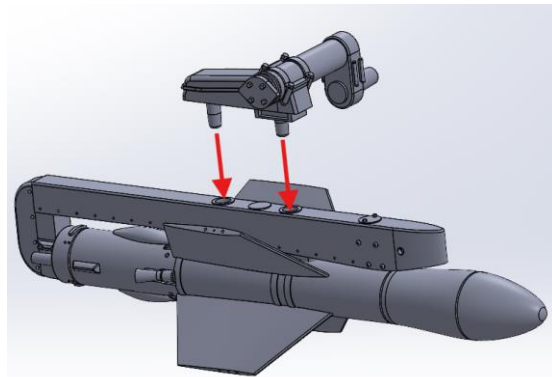
### AS12 Missile & Launch Rail.

If using Configuration B:

Assemble the launch rail and AS12 missile. Ensure that the locating pin on the launch rail fits into the receiving hole on the rear face of the AS12 missile.

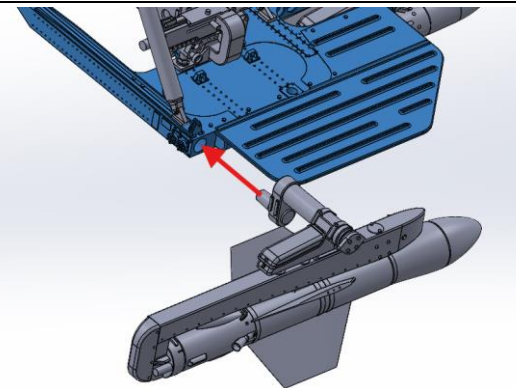


Assemble Launch rail assembly and AS12 launch rail adaptor.



Fit the AS12 assembly pylon into the hole provided in the weapons platform.

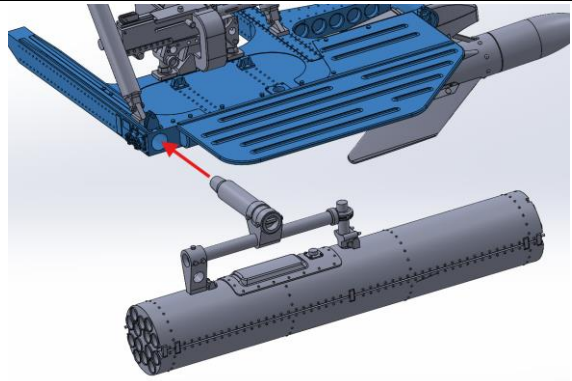
Note: The AS12 missile and the launch rail are identical for both Port & Starboard, however, pylon adaptors are handed.



### Rocket Pack.

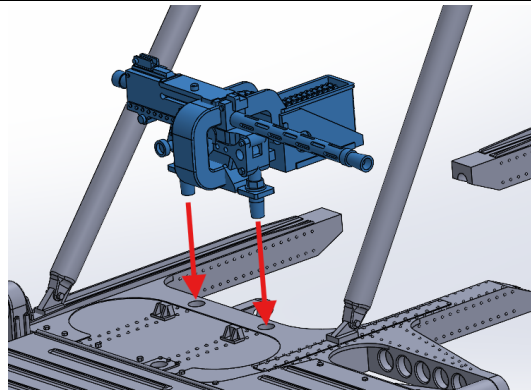


If using Configuration C:  
  
The rocket packs are handed.  
  
Insert the pylon attachment into the receiving hole on the weapons platform.



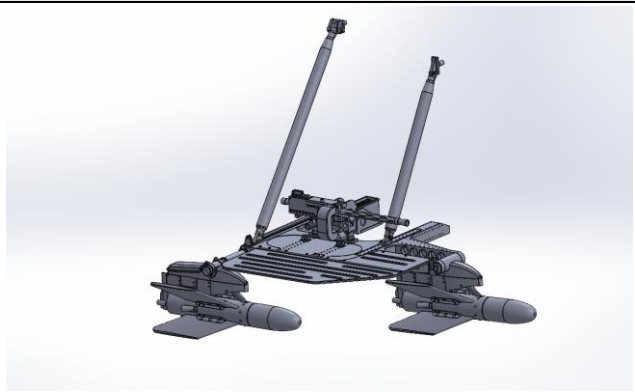
**Weapons Platform Machine Guns.**

Fit the Browning machine gun to the weapons platform using the two locating pins and holes as indicated.  
  
The Browning has a different feed mechanism on the port and starboard side. The ammunition case should be inboard in both cases.

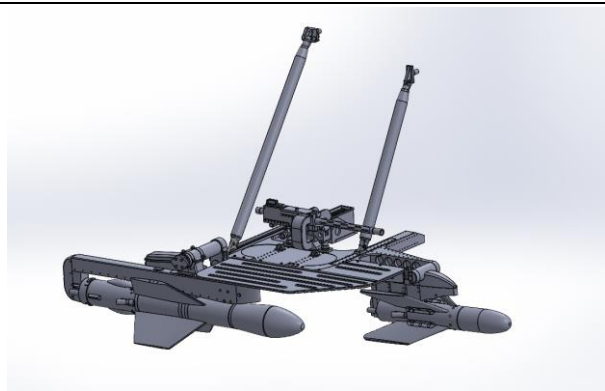


**Weapons Platform Configurations.**

**Configuration A:**  
  
2 x SS11 Missiles



**Configuration B:**  
  
1 x SS11 Missile inboard  
1 x AS12 missile outboard



**Configuration C:**

1 x SS11 Missile inboard  
Rocket pack outboard



End of Document