

## Access Ladder Set - F.14 Tomcat - Two Ladders + a pair of Intake Screens

These ladders are designed with the Hasegawa kits in mind, but with minor adjustment will fit other kits.

1. Firstly holes must be cut in the port nose half of the kit, with reference to the illustrations. You will need to cut out the main ladder bay and the two upper foot-rest doors. After this, the two foot-rest door apertures can be blanked off from the inside of the nose half with thin plastikard [not supplied].

2. Fold up the main ladder bay box and test-fit into the cut-out, checking for squareness and smoothness of fit.

3. Take the cast pipe-work unit and trim the sprue down to approx. 2mm. Locate the ends of the cross-tube into the holes in the sides of the box, and add adhesive around the joint lines of the box.

4. Fit the unit into the fuselage side, and fill and smooth any joint lines or gaps etc. Complete assembly of the aircraft before proceeding.

5. Fold the main ladder frame as shown, ensuring the sides are parallel. Fit the three ladder rungs into the slots provided in the ladder side-frames.

6. Bend the main door to match the curve of the ladder upper section, and fit the latch mechanism over the latch slot, as shown. Fit the ladder assembly over the latch, as indicated.

7. Fold the side-frames of the upper and second steps, and fit these into place between the main ladder side-frames. Fit the latch arm into place, hinged from the front end, as shown. The ladder is best painted at this stage - overall white, with the ladder main-frames picked out in red.

8. The ladder assembly can then be fitted into place, projecting from the bay, as shown in the side view and the section view through the fuselage. Once the ladder is square and hanging correctly, the lower door can be bent to the correct profile, painted, and fixed into place - hanging from the inside edge of the bay, as shown.

9. Fit the two cast upper fuselage foot-steps into place, adding the two etched non-slip pads as

### F.14 Intake Screens



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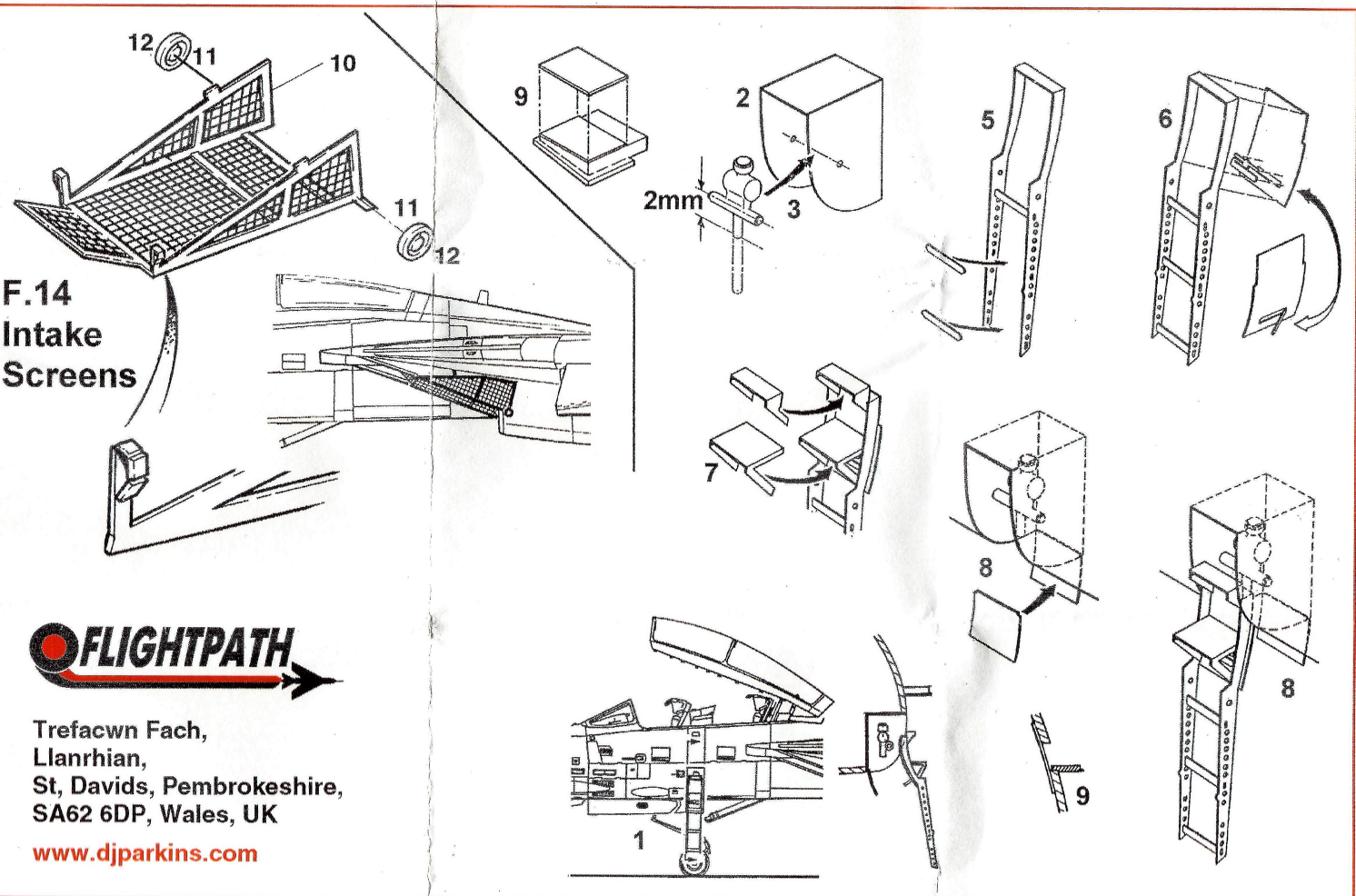
illustrated.

**Colouring** - both the steps and the bays in white with red step edges.

**F.14 Ground Running Screens** - these are fitted during the ground running of engines to prevent the ingesting of foreign objects [or ground crew!]. These units fit both the Hasegawa and Fujimi series of kits.

Fold the side panels of part 10 to 90 degrees with the fold lines on the INSIDE of the fold.

Fold over the support hangers, with the fold lines on the OUTSIDE of the fold - forming an enclosed loop,



as shown on the diagram - though you should note that the folded-over segment that meets back with the side framing of the part has a forward extension on it that is NOT shown in the assembly drawing. Do not remove this.

Test-fit the screen over the intake of your model, and fold up the front screen so that the top edge lays against the intake ramp.

4. Fit the wheels by laminating a part 11 & 12 together and fitting to the bottom rear corners of each side of the assembly, as shown - the small folded out lugs on part 10 fitting into the slots in the inner wheel faces [parts 11].

Repeat the assembly for the second screen.

**Colouring** - red, with off-white nylon wheel tyres.