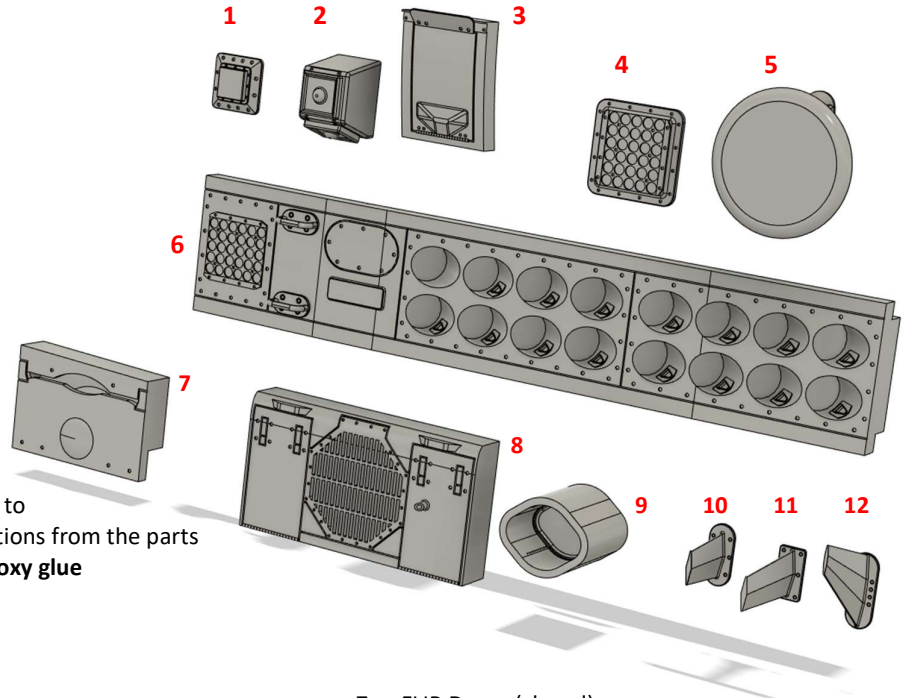




48138 S-3B Viking Conversion

This conversion set is designed to ESCI/Italeri 1/48 S-3A Viking and allow it to be updated to S-3B standard. Parts are 3D printed and some care will be needed removing supports. There may be some print artefacts from the 3D print process, so some primer and a light sand might be helpful to remove any faint print lines or imperfections from the parts
Parts should be attached with CA or epoxy glue



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| 1. GPS Antenna | 7. FLIR Doors (closed) |
| 2. Wingtip ESM Antenna (x 4) | 8. Fuselage Heat Exchange Vent Panel |
| 3. APU Exhaust Door | 9. MAD Boom Blank |
| 4. Fuselage Chaff/Flare Dispenser (x 2) | 10. Medium Blade Antenna |
| 5. SATCOM Antenna | 11. Large Blade Antenna (x 3) |
| 6. Sonobuoy Panel | 12. Sharkfin UHF Antenna |

1. GPS ANTENNA

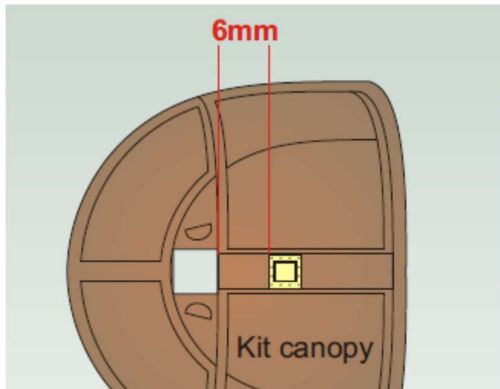


Photo US Navy

2. WINGTIP ESM ANTENNA

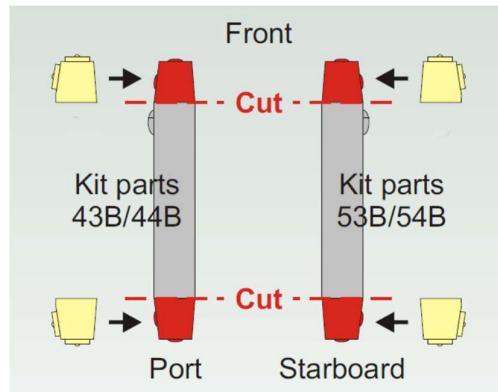


Photo Jose Ramos

3. APU EXHAUST **DOOR**

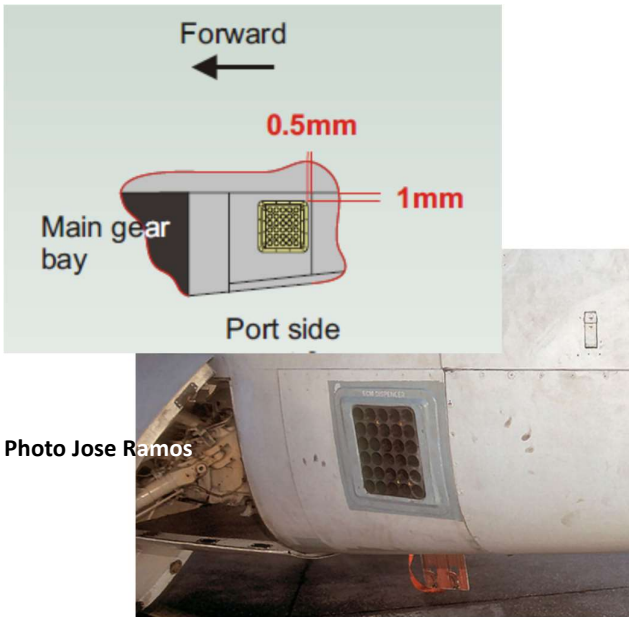
Cut a hole in the port fuselage 6.5mm wide x 8.5mm high and insert the new door. The kit panel lines are wrong on the forward fuselage, so recommend referring to reference photos to get correct position.



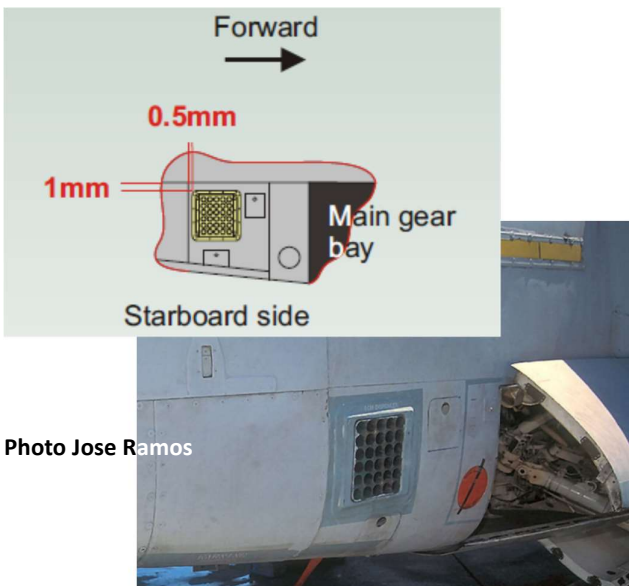
4. FUSELAGE CHAFF/FLARE **DISPENSERS**

Note correct orientation of dispensers – 5 dispensers across and 6 down

PORT DISPENSER

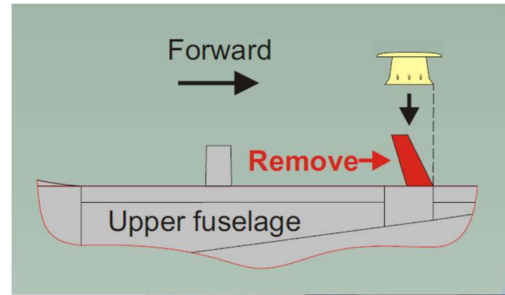


STARBOARD DISPENSER



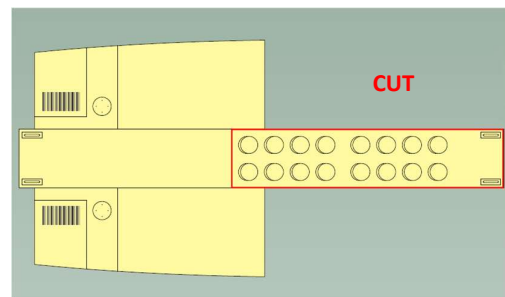
5. SATCOM **ANTENNA**

Check if this is applicable to the jet you are building



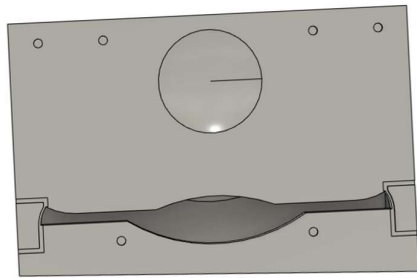
6. SONOBUOY **PANEL**

Remove the red outlined section from kit part 96G. Fill all remaining sonobuoy tubes in part 96G. Insert the new Sonobuoy panel where the section was removed. Note that the sonobuoy chutes have catch detail inside, except for the front port one, which is as per the real aircraft. You will also need to remove 6mm forward of the new sonobuoy panel from the bottom of the kit fuselage parts for the chaff/flare dispenser section of the new part to fit. Check often as you remove plastic to ensure proper fit.



7. FLIR **DOORS**

This part is to replace a portion of part 30A where the FLIR doors should be. The entire panel's position is incorrect. Note that the part is not a rectangle but is angled on one side as per the real panel. Refer to reference photos to get the correct positioning



← FORWARD ↓ NOSE GEAR BAY

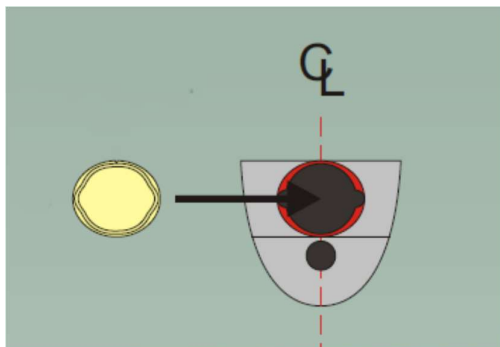
8. HEAT EXCHANGE VENT **PANEL**

As with the FLIR doors, the piece is to add the missing panel on the kit. Again, the kit panel lines are not quite right here so use good reference images to get the positioning right. The front of the heat exchange panel should butt up against the rear of the FLIR doors.



9. MAD BOOM **BLANK**

The kit opening is the wrong shape, so enlarge the opening and insert the blank oriented as per the diagram. Align top rear of the blank with fuselage exterior, glue in place and carefully sand the blank to match the fuselage shape.



10. MEDIUM BLADE **ANTENNA**

Replace the thick antenna moulded onto port fuselage half 1A. The 3 smaller antennae replace the forward upper fuselage, and the front and rear lower fuselage, antennae as circled in red. Use reference images for correct position noting that the front antenna is offset to port. Remove all other antennae from the kit and do not use parts 103G

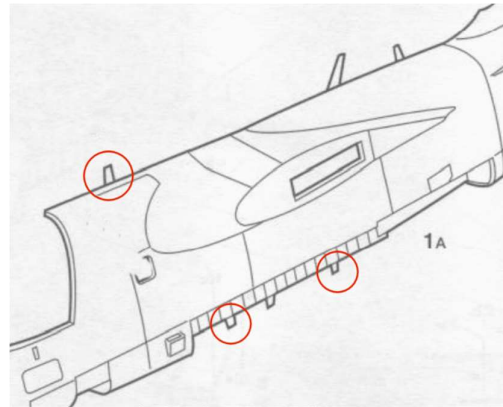


Photo US Navy



11. LARGE BLADE **ANTENNA**

This part replaces the centre lower blade antenna moulded as part of port fuselage half 1A.

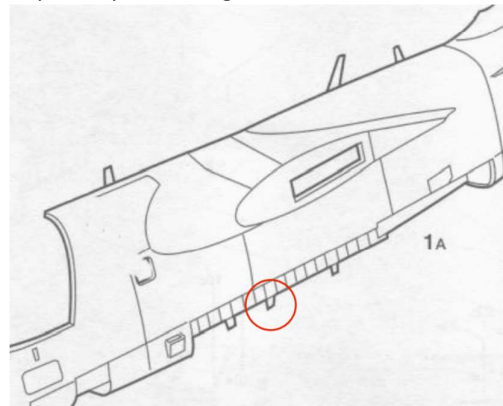
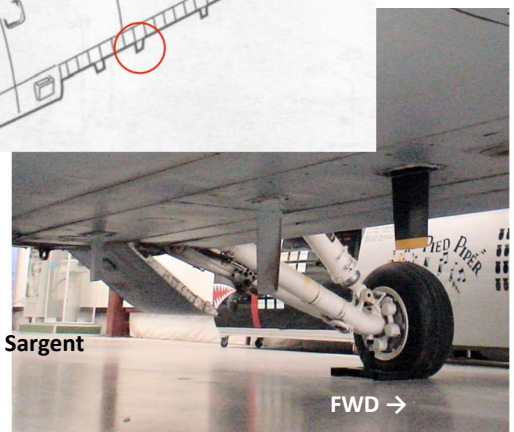


Photo Craig Sargent



For the various antennae included in this set, as with all parts check reference images of the aircraft you intend to model to determine exact locations and configuration.

12. SHARKFIN UHF ANTENNA

Check references to see if this is applicable to the jet you are building. This antenna sits on the starboard side of the nose gear bay on jets that have it.

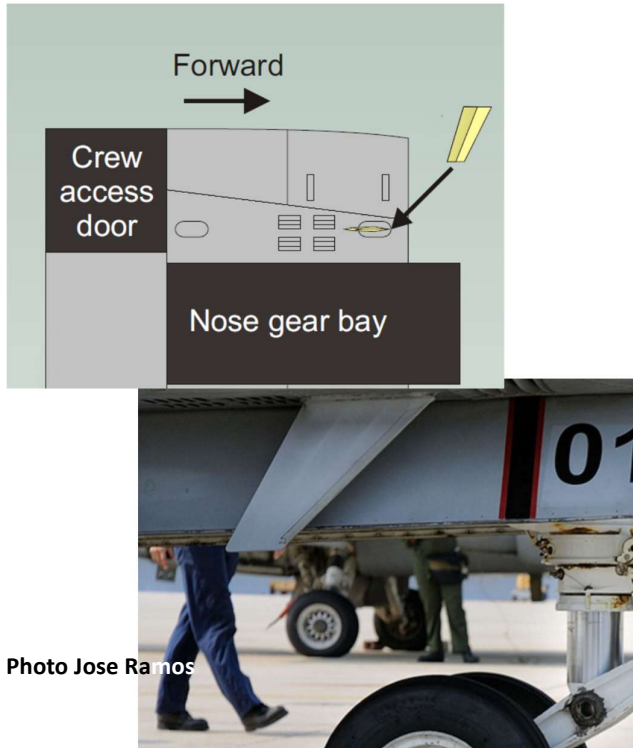


Photo Jose Ramos

RECOMMENDED REFERENCES

:: NABE3's S-3B VIKING WALKAROUND

<http://nabe3aviation.web.fc2.com/waS3.html>

:: PRIME PORTAL

http://www.primeportal.net/hangar/s-3_home.htm

:: CYBERMODELER S-3 VIKING PHOTO WALK AROUND

https://www.cybermodeler.com/aircraft/s-3/s-3_03.shtml

:: NET MAQUETTES

<https://www.net-maquettes.com/pictures/lockheed-s-3-viking/>

THANKS

Thanks to the following people for their assistance with the preparation of this set

:: Jose 'Fuji' Ramos

:: Ken Middleton

:: Jim Rotramel

:: Richard VanZandt

Design by

:: Craig Sargent