

# Hamilton Hobbies - 1/72 RAAF AP-3C Orion "ELINT"

This conversion is for experienced modellers only.



## Main Parts

- Wing tips x 2
- Nose EW sensors x 2
- Tail EW sensors x 2
- Nose flare and chaff dispensers x 2
- Main undercarriage flare and chaff dispensers x 2
- Underside aerial platform - with aerials
- Rear fuselage sensor
- Old style IR turret
- New IR Turret
- Shark tooth aerial - small x 2
- Shark tooth aerial - large x 8
- SATCOM aerial x4
- Small decal sheet for flare and chaff dispensers and EW sensors
- SateComs Fairing – 1 x large, 1 x small

This conversion is designed for the Revel or Hasagawa 1/72 P-3C Orion

## Construction

- I. Start construction by following the kit instructions by building the interior and constructing the airframe.
- II. Cut the wing tip and 1cm of wing from the end of each wingtip. Replace with the resin set provided. Note that each resin wing tip has a small square raised grill, which should be on the underside of the wing tip. Use the contours of the new wingtip to assist with this measurement.
- III. Replace the underside fuselage "sonar buoys" with the new resin piece. Add one shark tooth and one straight aerial.
- IV. Add the nose F&C dispenser and nose EW sensor to the nose. The F&C dispenser is located beneath the small nose intake and the EW sensor is above and slightly behind the intake. Refer to photo's.



- V. Cut the rear fairing of the main undercarriage and replace with the resin set provided. The F&C dispensers should face outwards.
- VI. Add the rear EW sensor. This is located just aft of the horizontal tail plane and has a slightly upward alignment.
- VII. Add the triangular aerial platform to the underside of the wing. Refer to photo's as this platform is off-centre. Cut nine of the 2mm pieces from the plastic strip provided and glue into the location points provided (resin equivalents have also been provided).
- VIII. Add the IR turret to the underside of the nose cone. Note that these need to be cut at an angle to compensation for the angle of the nose.
- IX. Three small shark tooth aerals are supplied. One is located on top of the fuselage while the other is located under the wing on the aircraft's centre-line (see photos), the third at the rear underside of the fuselage.
- X. Four 'two piece' SATCOM aerial, glued into a "T" formation is located on top of the fuselage. Refer to photos for locations.
- XI. Three large shark tooth aerals are located on the bomb bay doors
- XII. One large shark tooth aerial is located on each rear undercarriage fairing.
- XIII. Four large shark tooth aerals are located on the underside of the fuselage, just aft of the aerial platform.
- XIV. Add the two sate comms aerals to the upper side of the fuselage – see photos.

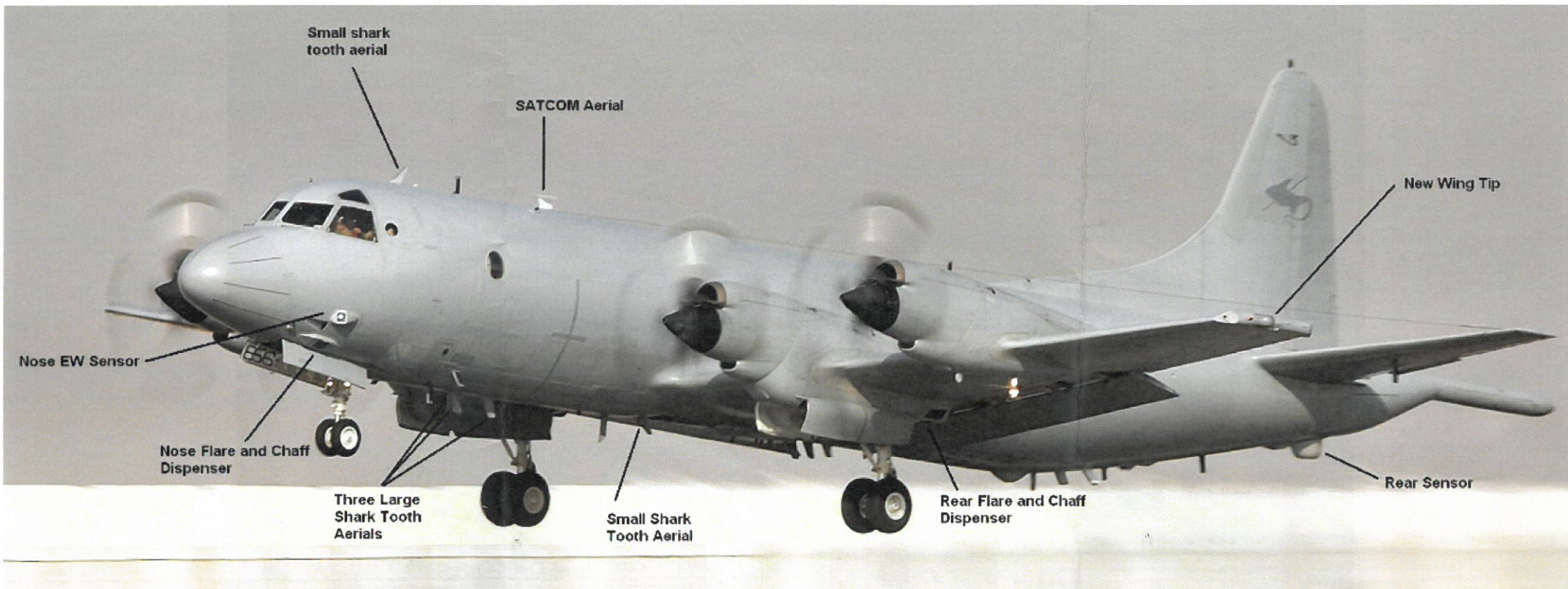
Addition aerals have been supplied for your convenience.











Small shark  
tooth aerial

SATCOM Aerial

Nose EW Sensor

Nose Flare and Chaff  
Dispenser

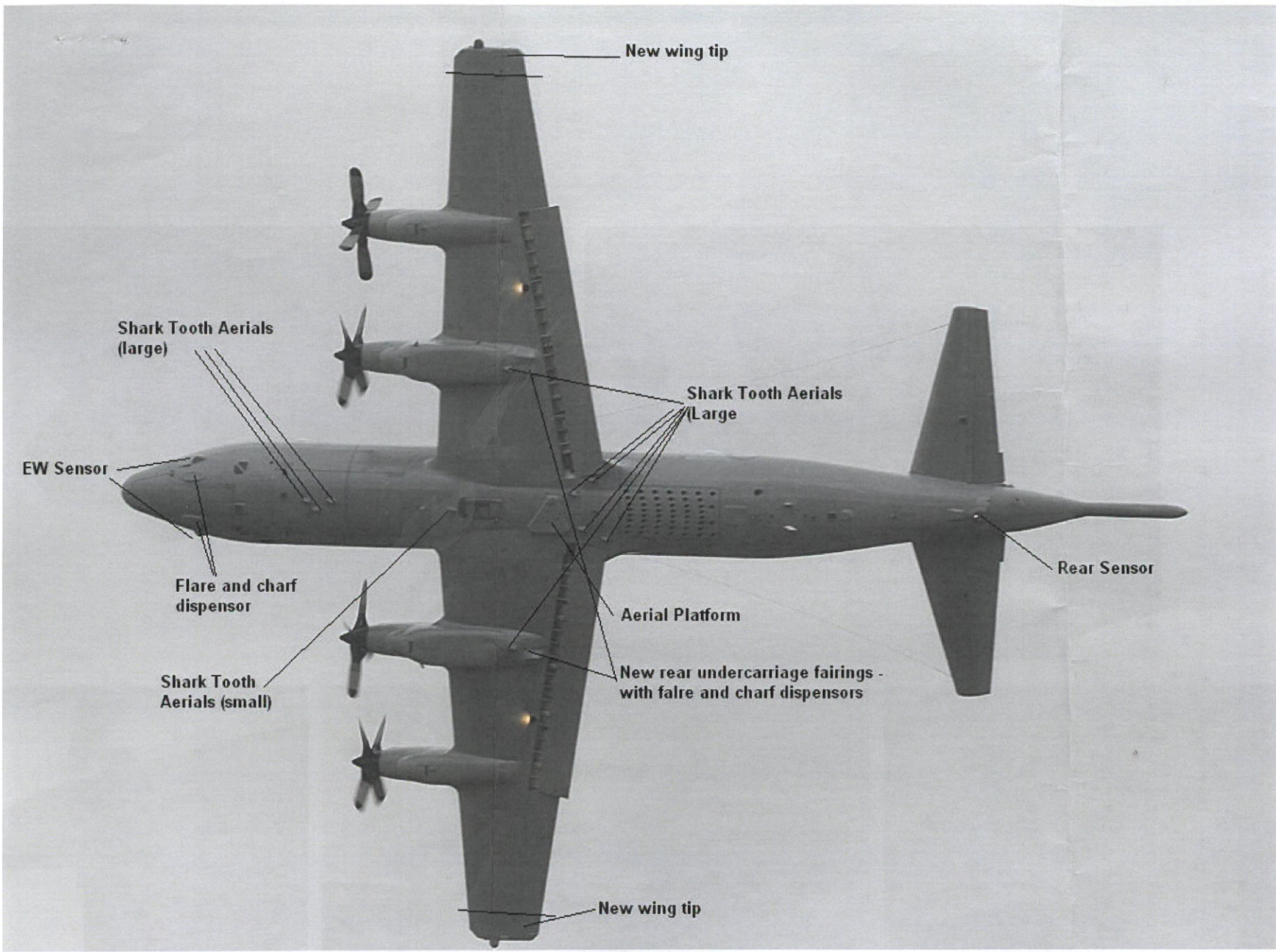
Three Large  
Shark Tooth  
Aerials

Small Shark  
Tooth Aerial

Rear Flare and Chaff  
Dispenser

Rear Sensor

New Wing Tip



New wing tip

Shark Tooth Aerials (large)

EW Sensor

Flare and chaff dispenser

Shark Tooth Aerials (small)

Shark Tooth Aerials (Large)

Aerial Platform

New rear undercarriage fairings - with flare and chaff dispensers

Rear Sensor

New wing tip



