



B-1B LANCER ANTENNA SET

Masters by
Jarrad Bradley
Australian
Made

BF48005 ANTENNA UPGRADE SET

FITTED TO: 1:48™
REVELL B-1B KIT

- Always Wash parts before gluing and painting
- CA Cyanoacrylate (super) glue is required to glue parts
- Do not inhale Resin dust or particles
- Wear Eye and dust protection when cutting, scraping or sanding parts

Unassembled Model Kit, Glue & Paint
Not Included, NOT a TOY, Adult
Collectors - Ages 14+, Small Parts, Resin,
Resin Kit Experience Required

Kit Contents **RESIN**

- PITOT Tubes Flight system Avionics x 6 (Incl mounting/alignment jig/template L/R x 2)
 - Pitot Mounting/alignment JIG x2
- AN/ALQ-161A RFS/CMS (Radio Frequency Surveillance/ Electronics Counter Measure System) x 2
- DAS (Defensive Avionics System) (1st version) Under fuselage blade antenna x 4
- ARC-171 UHF Radio/TACAN ARN-118 Antenna (right /rear) faceted blade antenna x 2
- UHF-2/IFF APX-101A Antenna (Left / front) Angled Blade antenna x 2
- GPS (Global Positioning System) CRPA (Controlled Reception Pattern Array) Antenna (Circular) x2
- ASC-19 AFSATCOM) Antenna (Rectangular or Square) x2 (1 ea) Aft of Flare /chaff dispensers)
- AN/ALQ-32H "Elephant Ear" antenna (Visual recognition Feature- ALCM Mod jets) x 1

3D Printed Parts
LEFT, RIGHT
PART 01
PART 02, 03, 04, 05
PART RIGHT
PART LEFT
FLAT CIRCULAR
FLAT SQUARE & RECTANGLE
AL/ALQ-32H



This Antenna upgrade set contains parts to easily upgrade the 1/48th Revell B-1B kit to the correct antenna configuration. The kit includes all the parts needed to bring your model up-to-date with all the antennas, fitted to all past and present jets.

Different jets have various layouts and configurations of antennas so check your references carefully.

All jets have the 2 slanted RFS/CMS antennas fitted.

All Jets have the 4 UHF/IFF/TACAN slanted antenna fitted. However, the rear topside TACAN (RIGHT) antenna can be located in two different spots – depending on the fitting of the Square/Rectangular SATCOM antenna.

Current Jets have either one or two circular GPS antenna fixed. Jets can have either the square or rectangular SATCOM antenna fitted – See your references. If fitting the square one, then the small indicator dot goes to the front.

Only the ED TEST jets based at Edwards AFB, have the AN/ALQ-32A antenna fitted (to the rear, on the spine) to indicate to observers that these jets are capable of ALCM carriage (A START treaty requirement). These same antennae are fitted to the B-52H. The actual AN/ALQ-

SPRINGS ANTENNA UPGRADE SET

INSTALL 10x 1/2" (25mm) SPRING ANTENNAS

B-1B LANCER

Left

GPS

GPS Vort

AN/APG-68

AN/ALE-39

AN/ALQ-99

Right

Legend:

- BLACK HOLE
- GPS
- AN/APG-68
- AN/ALE-39
- AN/ALQ-99

COMPONENT LIST

- PITOT Tubes x 6
- ARC-171 IIR/TACAN ARN-119 Antenna x 2
- AN/ALO-10A RF/CMS DAI Antenna x 4
- DRIF-30P APD-10A Antenna x 2
- ASC-19 AFATCOM Antenna x 2
- GPI CRDA Cissler Antenna x 2
- AN/ALO-92F Antenna x 1

<https://www.youtube.com/channel/UCwRMhD4FbTeTL2Tnt0X1nCQ>



Assemble Parts

Carefully measure all mounting locations using the Layout guide and use CA to glue the parts in-place.

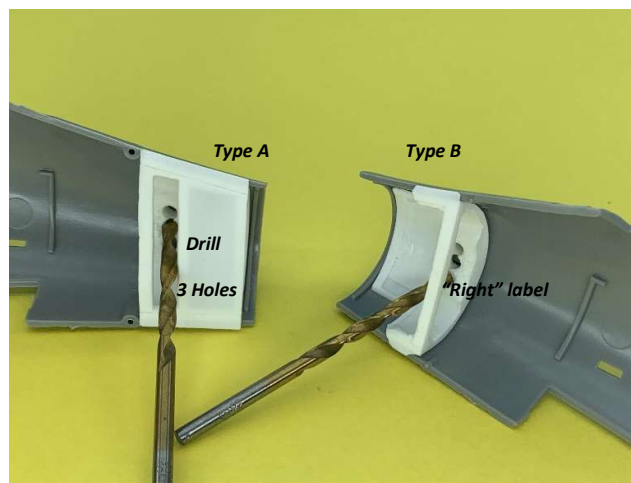
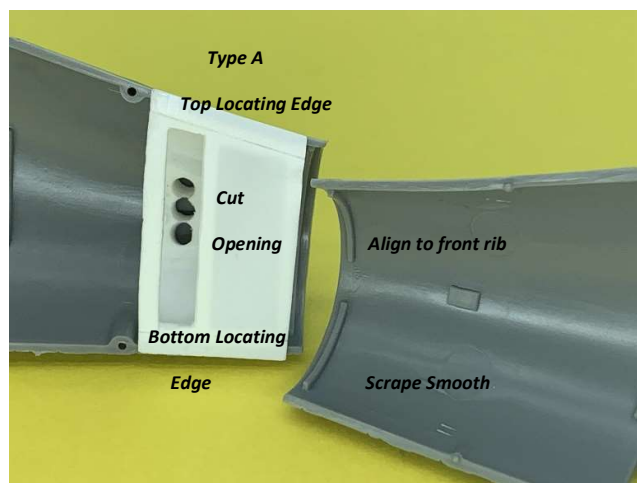
TIP: To get the correct cut lines for the top parts, where there is no panel line to follow, use tape to establish lines and measure from these.

TIP: The Flat (round, square and rectangular) antennas can either be sanded flat to and affixed to the fuselage or a corresponding sized hole cut into the fuselage and the part glued from the inside- flush to the outside - You may decide to cut slightly shorter and sand the edges square depending on your experience in making cuts like these.



PITOT Antennas

The new pitot's fit 3-to-a-side in the forward fuselage and replace kit part(s) B25 & B125. The placement jig comes in 2 versions (Type A or B) -either can be used and are labelled right and left inside. These either glue permanently inside the fuselage or can be taped in place while drilling. You may have to scrape the inside of the kits' nose sides to be smooth. The jigs fit flush to the front of the nose against the inside ribs. If gluing the jigs permanently inside, then the top and bottom locating edges need to be removed once glue has set. Cut opening in Type A jigs to get clear access to the drilling holes. First drill a 3.2mm pilot hole carefully aligned with each hole. Once completed and the outside holes are aligned, then drill out the holes with the final 3.5mm Drill to exactly fit the pitot's. Pitot's are glued flush with outside of fuselage. Fit with 3.5mm holes is tight enough that glue may not be required.



Nacelle Antennas

The included antennas fit underneath the nacelles towards the front. The larger antenna (Right) fits under the Starboard nacelle. The smaller antenna (Left) fits under the Port nacelle. These are the same antennas duplicated on the upper spine – Left to front, Right to aft.

NOTE – the BF48004 intake sets have a tiny slot to help locate these. The Revel kit does not have the correct sized intakes so if you do not have the BF48004 set then the position of these antennas are up to your discretion as to their placement.

Check your references for final positioning. The bases of the antenna should be flush with the bottom of the nacelles, but this requires a small depression to be cut to widen the slot.



Do not forget to cut and then sand off the blisters around the rear of the engine nacelles, they are incorrect for the B-1B. Bone Fragments will soon be releasing an update kit for this rear area that solves this inaccuracy and includes the correct APU exhaust and vents. Look for it soon.

Note the layout guide also has the correct placement location of the Flare/Chaff dispensers. These are usually included as DECALS.

THANK YOU FOR YOUR SUPPORT