
FW: Final FASST Receiver Antenna Configuration For the Big Bomber

1 message

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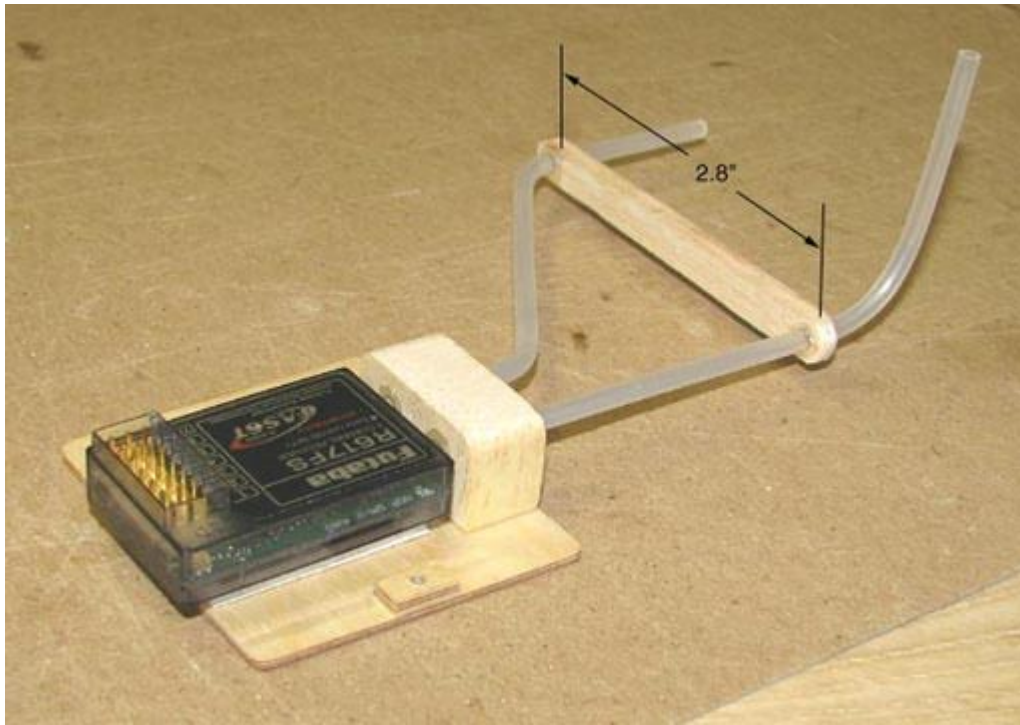
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Subject: Final FASST Receiver Antenna Configuration For the Big Bomber

Futaba has three requirements to "maximize" the 2.4 GHz receiver's reception performance, They are as follows:

- (1) The two antennae are to be 90 degrees to each other.
- (2) The locations of the two antennae are to be as far apart as practical in the model's fuselage.
- (3) The two antennae are to lie in different planes.

My final solution is shown in the picture below. The R617FS receiver is mounted on the new plywood plate with the revised antenna tube configuration for the big Bomber. The two antennae are at 90 degrees to each other, satisfying Requirement No. 1. I was able to get the two antennae 2.8" apart and still get the unit through the hatch in the fuselage, which satisfys Requirement No. 2. And as you can clearly see in the picture below, the two antennae lie in separate planes, which satisfys Requirement No. 3.



It took some real creative skill in getting this unit installed inside the Bomber fuselage. I ended up having to first remove the radio's 600 ma flight pack and the ignition cut-off servo to get the bent antenna tubes down inside the fuselage and then there was the tedious exercise in plugging in the three servo connectors and the battery connector into the receiver working in a very limited space. However, I do believe that I have now met Futaba's requirements for maximizing the reception performance of their FASST receiver. Any comments?.....Tandy