

**PROCEDURE 5.070
ELEVATOR INSTALLATION**

In this procedure...

The elevators will be installed on the horizontal stabilizer and check for fit. The elevator horn will be installed.

Parts required for this procedure:

<u>Part Number</u>	<u>Description</u>	<u>Qty.</u>
AN4-12	Bolt	6
AN310-4	Nut	6
AN960-416	Washer	12
MS24665-134	Cotter Pin	7
AN3-11	Bolt	1
AN310-10	Nut	1
AN960-10	Washer	2

Step 1. Install Elevator on Horizontal Stabilizer.

Get the help of a friend and position the elevator on the horizontal stabilizer hinges and install the two end bolts. During the construction process you should have check the fit of the elevator to the horizontal so you should not have any problems.

Step 2. Check Elevator Travel.

Use an inclinometer to make sure that the elevator has a minimum of 25° travel in both the up and down direction. If you cannot achieve this travel you will need to sand the trailing edge of the horizontal stabilizer.

Step 3. Install the second elevator

Install the second elevator using the same procedure in Step 1. Make sure the elevator trim servo electrical leads are installed. Check elevator travel. **(Do Not Install All Hinge Bolts and Safety at This Time)**