

SUGGESTION: IT IS EASIER TO INSTALL THE WINGS WITH THE WING ROOT ENDS 8V9-3 REMOVE.

SET THE DISTANCE BETWEEN THE TOP OF THE WING AT STATION #1 AND THE BOTTOM OF THE REFERENCE STRING.

1) CLAMP THE WINGS.

2) INSTALL THE JURY STRUTS

1265 MEASURED FROM THE AN5 TO THE AN3 BOLT ALONG THE FRONT AND REAR STRUT.

LEVEL

LATERAL AXIS, REF. IS THE CABIN FRAME.

NOTE: THE CABIN FRAME IS LEVEL WITH THE FUSELAGE REF. LINE

LONGITUDINAL AXIS: REF. STRAIGHT LINE CD: JOIN THE FRONT AND REAR TOP CORNERS OF THE FUSELAGE SIDE SKIN.

3) BOLT ON THE RUDDER.

CHECK: ELEVATOR DEFLECTION AND RUDDER CLEARANCE.

ELEVATOR DEFLECTION: 30° UP +/- 1°
29° DOWN +/- 1°

NEUTRAL: TRAILING EDGE IS IN LINE WITH THE TOP SURFACE OF THE STABILIZER.

RUDDER DEFLECTION 18° +/- 2°
(LEFT AND RIGHT)

REFERENCE STRING: STRETCH STRING FROM WING TOP TO WING TIP OVER THE MAIN SPAR RIVET LINE

CHECK FOR EQUAL DISTANCE

CHECK: 6530

4) POSITION THE STABILIZER/ELEVATOR ASSEMBLY

THE TOP OF THE STABILIZER IS LEVEL WITH THE LONGITUDINAL AXIS. THE LEADING EDGE OF THE STAB. IS PARALLEL WITH THE STRING REFERENCE LINE.

THE REFERENCE STRING SPLITS THE CABIN FRAME IN THE MIDDLE & IS AT 90° TO THE AIRCRAFT CENTER LINE.

CHECK FOR EQUAL DISTANCE FOR THE LEFT AND RIGHT WING: FROM WING TIP TO A POINT ON THE FUSELAGE CENTER LINE.

STOL
CH 801

ORIGINAL INFO
NH 08/01/00
REVISION INFO
MJM 12/20/02

DESCRIPTION

WING DIHEDRAL

PART NO.

DIHEDRAL

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