STOL CH 801
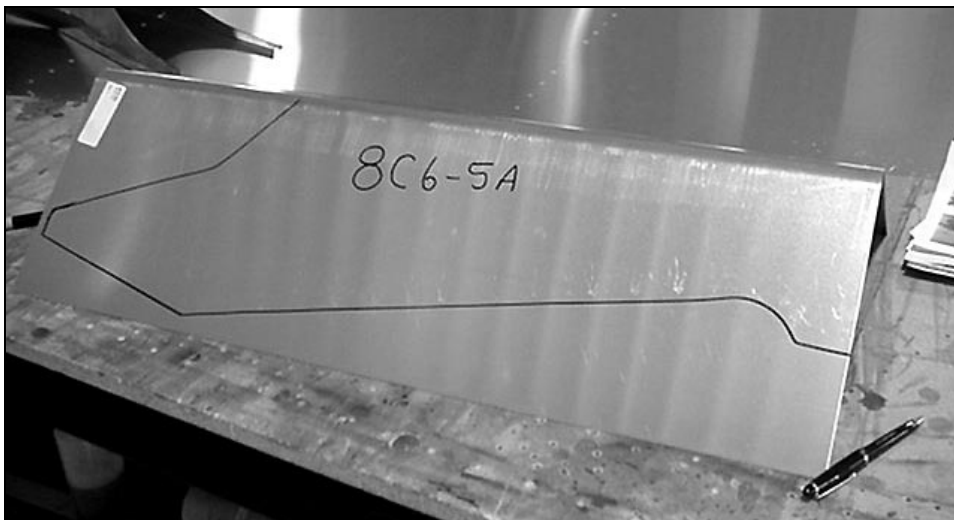# FINAL ASSEMBLY

SECTION 5

"INSTALLING THE FIN"

- The fin is installed after the tail assemblies have been installed to the aircraft.

- The fin is made up of two halves – the front have riveted to the top of the fuselage and the rear half is riveted to the top of the stabilizer.

- The fin may need to be trimmed for a full custom fit around the stabilizer and to join up to meet the rudder.

ZAC file photo

The installed fin assembly.

ZAC file photo – file 8c6-5a-2

- Cut and trim parts 8C6-4 and 8C6-5A
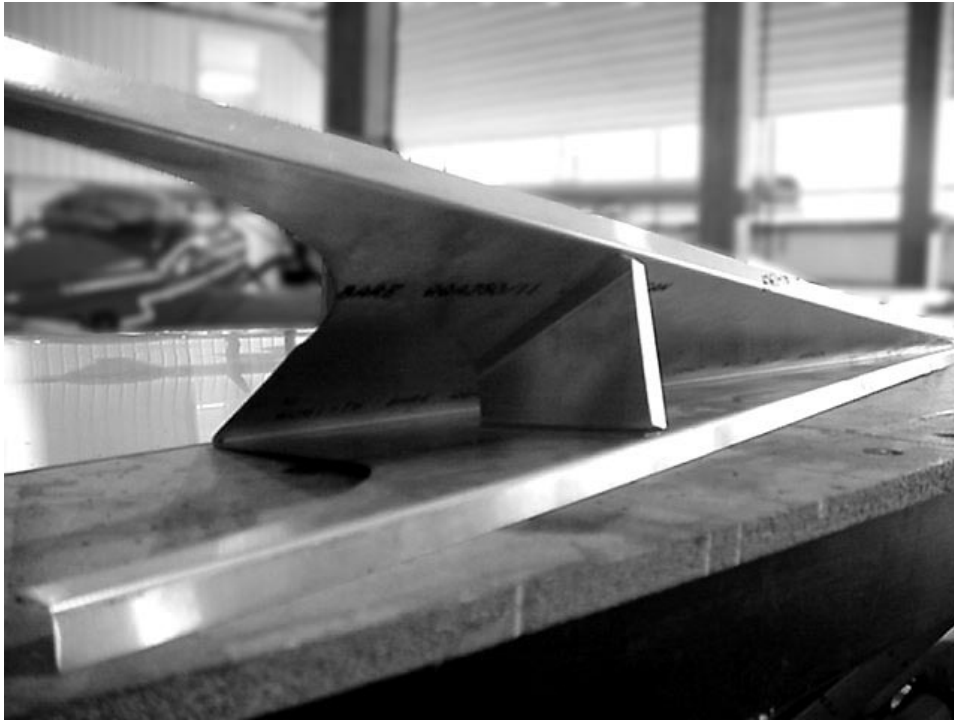- On both parts, trim the marked line off.

ZAC file photo   file 8c6-5a-1

The trimmed part 8C6-5A

8C6-7
FORWARD FIN RIB

Qty: 1

ZAC file photo   file 8c6-7

Forward Fin Rib 8C6-7

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ZAC file photo   file 8c6-7

- Position the Forward Fin Rib (8C6-7) 350 mm. from the rear of 8C6-4 as shown.
- Drill and rivet three A4 per side
- Place the assembly on the top of the rear fuselage and drill the side flange of 8C6-4: A4, pitch 40 mm.
- Reach in and drill bottom flange of 8C6-7 to the fuselage: Three A4 rivets.

 ZAC file photo – file fin6

Squeeze the front radius bend of 8C6-5A so that it will fit nicely inside of 8C6-4 – hammer lightly with a rubber mallet.
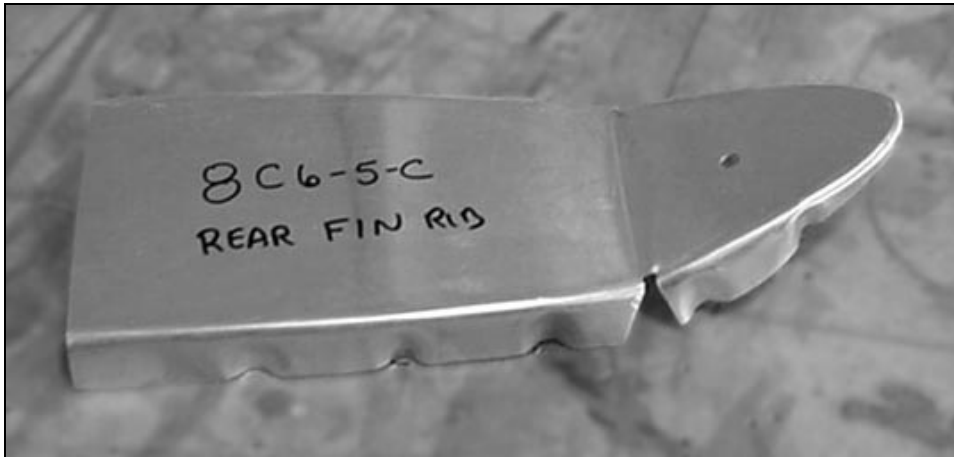
ZAC file photo

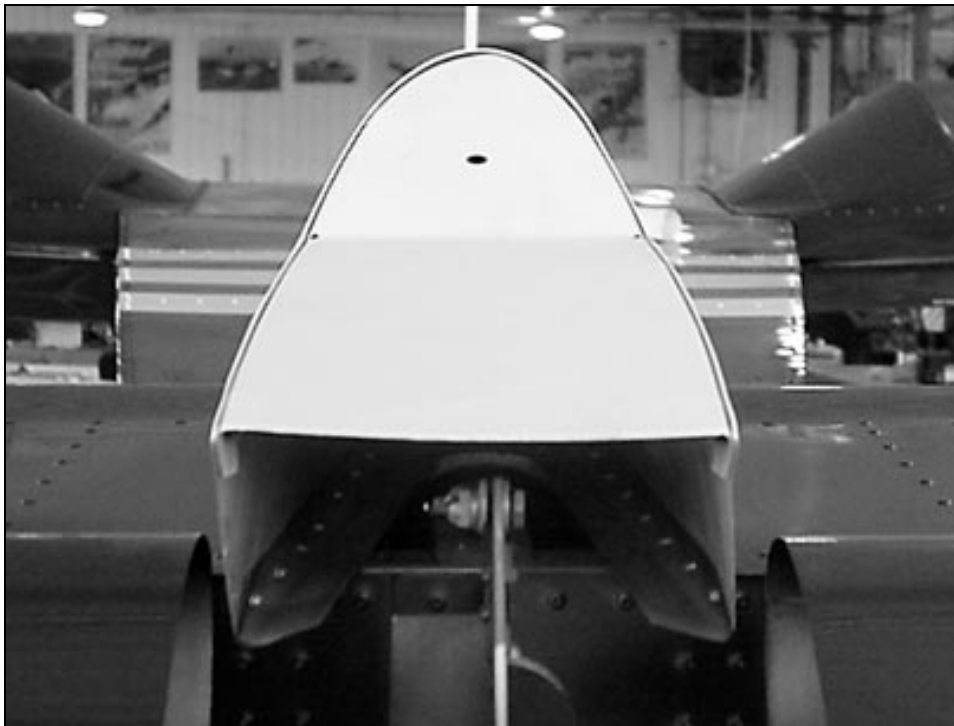- Position 8C6-5A 20 mm. inside of 8C6-4

Also, see photo **fin3** (next page).

ZAC file photo

- Place angles 8C6-5B inside of 8C6-5A.
- Drill and rivet angles to 8C6-5A – A4, pitch 40
- Drill and rivet bottoms of 8C6-5B to the stabilizer assembly – A4, pitch 40.

ZAC file photo 8c6-5c-1

The rear fin rib 8C6-5C

ZAC file photo: fin3

- Install rib 8C6-5C to the top end of 8C6-5A.
- Rivet A4, pitch 40 (avoid crimp area in rib and the angle cutout).

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ZAC file photo: fin2

The completed fin assembly.

To complete the assembly, drill and rivet 2 A4 holes on each side of 8C6-4 to join 8C6-4 and 8C6-5A together.

I have checked my work and parts list and confirm to myself, that all items listed in this section have been installed.

Signed:_____ Date:_____

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Revision List:

Revision	Summary	Revised By:	Date:
3.0	Format	RD	5/5/00

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