

INSTALLATION INSTRUCTIONS

EXTERNAL CAPSTRIP RETROFIT KIT, LAZAIR II

Manual Part No. XM0076R001

Use with Kit No. YU0076-001

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1.0 GENERAL

This kit is intended for retrofit purposes and the instructions have been written with the assumption that construction of the aircraft has been completed and the Tedlar covering has been applied.

2.0 INSTALLATION OF CAPSTRIPS ON FOAM RIBS

2.1 Use capstrips, Part Numbers G0251-1 through G0251-7 where the dash number designates the rib on which the capstrip should be installed. Capstrips on the foam ribs are installed on the top of the wing only. Note that the capstrips should be installed with the bend up to protect the Tedlar covering from the edge of the capstrip.

2.2 Lightly file or sand the edges, ends and corners of each capstrip to remove all burrs and sharp edges. Apply type TP2405 double face tape to the under side of each capstrip. Remove the backing paper and fit the capstrip in place on the top of the rib (equidistant between the gussets). Rivet each capstrip to the rib using a 3 inch rivet spacing.

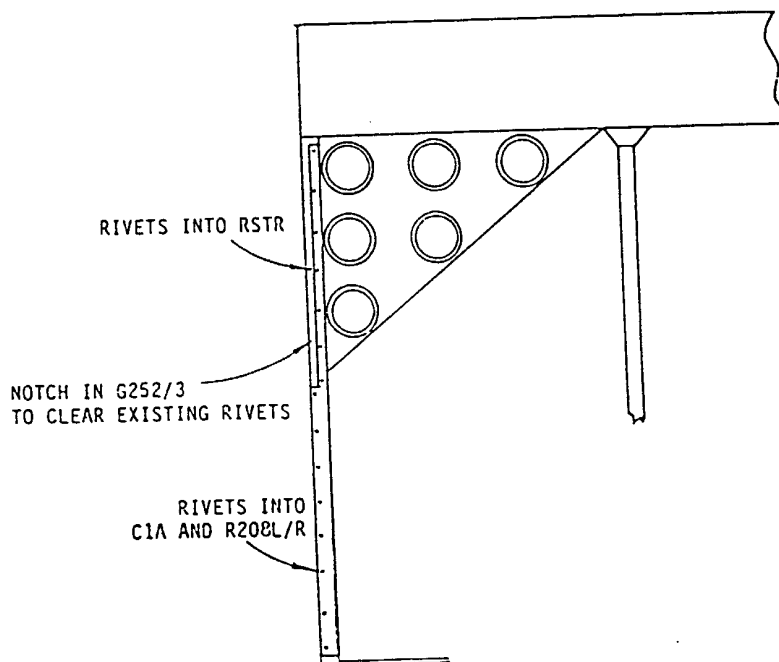
3.0 INSTALLATION OF CAPSTRIPS ON G25 GUSSETS

3.1 Similarly tape and rivet capstrips G0251-9 over the G25 tip gussets using a 1 1/2 inch rivet spacing. Locate the capstrips directly over the foam tape. Install these capstrips on both the top and the bottom of the wing.

4.0 INSTALLATION OF CAPSTRIPS ON ROOT RIBS

4.1 External capstrips should be installed on both the top and the bottom of the root ribs. Part number G0252 is used on the top of the right wing and the bottom of the left wing. G0253 is used on the top left and bottom right.

- 4.2 To ensure good contact, the rivets holding the C1A and C1B capstrips to the root rib should be removed before the external capstrip is installed. The best way to remove the rivets is to first cut a small disk out of the Tedlar (and tape) over the rivet head. This makes it possible to drill out the rivet and remove the head cleanly. A plug cutting tool, UT0401, has been provided in this kit for cutting the Tedlar. Fit the tool over the rivet head, press down and rotate the tool. Note that the tool is made from aluminum tubing and will probably require resharpening several times.
- 4.3 Tape and rivet the capstrips in place as shown. Use a 1 1/2 inch rivet spacing. Apply the tape to the capstrips along the rivet rows.



PARTS LIST

EXTERNAL CAPSTRIP KIT

<u>Part No.</u>	<u>Quantity</u>	<u>Description</u>
G0251-1	2	Capstrip, 15 1/2 inches
G0251-2	2	Capstrip, 17 3/4 inches
G0251-3	2	Capstrip, 20 1/2 inches
G0251-4	2	Capstrip, 33 inches
G0251-5	2	Capstrip, 36 inches
G0251-6	2	Capstrip, 39 inches
G0251-7	2	Capstrip, 41 inches
G0251-9	4	Capstrip, 15 inches
G0252	2	Capstrip, Root Rib
G0253	2	Capstrip, Root Rib
TP2105/60	1	Tape, Double Face
RV1043	300	Rivet, Aluminum
UT0401	1	Tool, Plug Cutting