

P.O. BOX 3090 ONE AYRES WAY ALBANY, GEORGIA 31706-3090 PHONE 229/883-1440 FAX 229/439-9790

Service Bulletin No. SB-AG-20

July 07, 1988

Page 1 of 2

METAL TAIL DRAIN HOLES

THIS BULLETIN AFFECTS ONLY THOSE AIRPLANES THAT HAVE BEEN EQUIPPED WITH AYRES METAL EMPENNAGE (P/N 40220) AT THE FACTORY OR THROUGH FIELD INSTALLATION OF CUSTOM KIT 407.

| EFFECTIVITY: | <u>Model</u> | <u>Serial Numbers*</u> |
|--------------|-------------------|--|
| | S2R | 2426R, 2443R, 2580R, 2581R |
| | S2R-T15 S2RT34 | T15-007, T15-020, T15-021 6038, T34-091 Through T34-099, T41-090 |
| | S2R-R1820 | R1820-021, R1820-032 |

THIS BULLETIN ALSO AFFECTS THE FOLLOWING CUSTOM KITS THAT HAVE BEEN SHIPPED FROM THE FACTORY BUT ARE NOT YET ASSIGNED TO OR INSTALLED ON SPECIFIC AIRPLANES:

| <u>KIT NUMBERS</u> | <u>DEALERS</u> |
|--------------------|--|
| 61101 61125 | Johnson Aircraft Service, Inc P.O. Box 1457 Tulare, CA 93275 |

REASON FOR PUBLICATION: PROVIDE FOR WATER DRAINAGE

COMPLIANCE: PRIOR TO NEXT FLIGHT

BY WHOM WORK WILL
BE ACCOMPLISHED: AIRFRAME MECHANIC

APPROVAL: FAA APPROVED

ESTIMATE MAN HOURS: 1 HOUR

SPECIAL TOOLS: NONE

ACCOMPLISHMENT INSTRUCTIONS:

Use a 1/8 inch or a No. 30 drill bit for all holes.

ELEVATOR

For each elevator half, drill two holes in the lower surface within ½ inch of the trailing edge. Drill the outboard hole within 1 inch of the edge of the tip fairing. Drill the inboard hole within 1 inch of the last full rib; the one bordering the trim tab cut-out. (Alternately remove enough rib sealer at this inboard rib to provide for inboard drainage.)

For each elevator half, drill a third hole one inch forward of the trim tab hinge. Drill this hole one inch outboard of the (short) closing rib that runs beside the trim tab push rod.

HORIZONTAL STABILIZER

Drill an inboard hole and an outboard hole on each side of the stabilizer. Place the holes 1 inch from the last inboard rib and the last outboard full-length rib. Place the holes 1 inch forward of the rear spar.

RUDDER

Drill one hole in the lower AFT edge (on the center line) of the rudder horn support bracket. (Alternately, remove enough of the sealing compound to provide drainage from corners of the rudder horn support bracket.)

VERTICAL FIN

Remove the plug button from the lowest rib of the vertical fin. This button is located just forward of the rear spar.

IMMEDIATE NOTICE OF COMPLIANCE

Call or fax Ayres Corporation immediately after complying with this bulletin.

RECORD COMPLIANCE: Make appropriate entry in aircraft records as follows: Service Bulletin No. SB-AG-20, Dated 07-11-88, titled Metal Tail Drain Holes, Accomplished _____ (Date) By _____

Fill out compliance card, return to Ayres Corporation if fax notification is not possible.