

Service Letter No. SL-AG-106
16 January, 2001

INSPECTION OF INLET BOWL COUNTERSUNK SCREWS

MODELS AFFECTED:	<u>MODELS</u>	<u>SERIAL NUMBERS</u>
	S2R-G1	G1-101 thru G1-108
	S2R-G5	G5-101 thru G5-105
	S2R-G6	G6-101 thru G6-156
	S2R-G10	G10-101 thru G10-166

REASON FOR PUBLICATION: There have been reported instances of some of the AN507C-632-R8 screws utilized in the construction of the engine inlet backing out and being ingested into the engine causing damage to the first and second stage compressor.

COMPLIANCE: As soon as possible.

BY WHOM WORK WILL BE ACCOMPLISHED: A & P mechanic or equivalent.

APPROVAL: Ayres Corporation Engineering Department

ESTIMATED MAN-HOURS: As required.

SPECIAL TOOLS: None

ACCOMPLISHMENT INSTRUCTIONS:

- 1) Remove the inlet bowl from the aircraft to gain access to the AN507C screws in question. Refer to Figure 1 for location.
- 2) Remove the #6 countersunk screws and inspect both screws and nuts for overtorquing or other damage.

- 3) Replace any damaged screws and install new fiberlock nuts, P/N AN365-632 or equivalent using a maximum torque of 6-8 in. lbs. Coat the screws with LOC-TITE, P/N 271 or 290 or equivalent before installation.
- 4) Touch up paint as required
- 5) Replace inlet bowl.
- 6) Record compliance with this Service Letter as shown below and return aircraft to service.

WEIGHT AND BALANCE: No change.

PUBLICATIONS AFFECTED: None.

RECORD OF COMPLIANCE: Make an entry in the aircraft permanent records as follows:

Ayres Service Letter SL-AG-106, INSPECTION OF INLET BOWL COUNTERSUNK SCREWS, dated 16 January, 2001 accomplished _____ (date)_____.

Sign and include certificate number.

Any questions concerning this Service Publication should be directed to:

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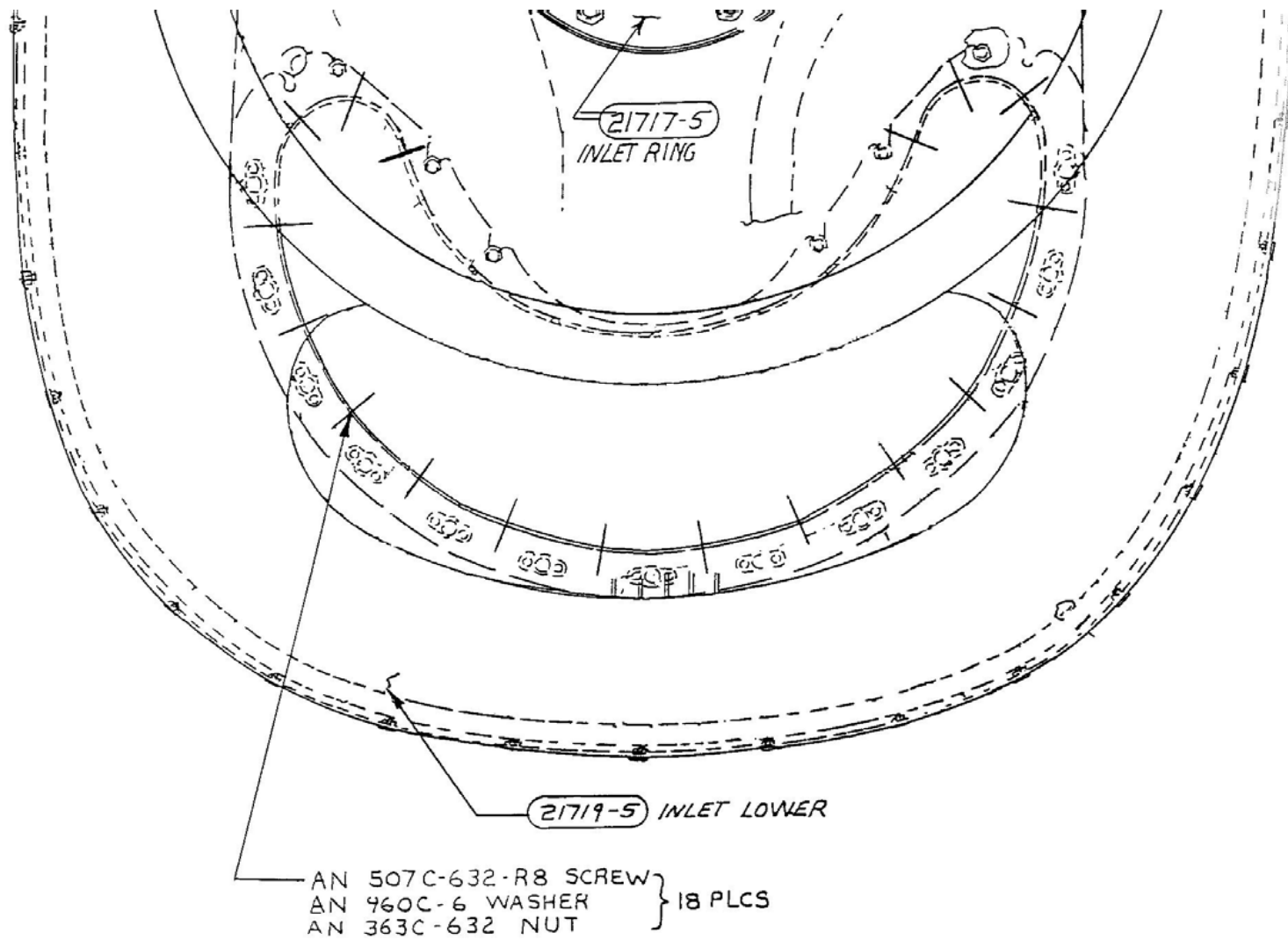


FIGURE 1