

Rockwell service letter No. SL-AG-93

International

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

Service Letter No. SL-AG-93
2 September, 1977

STARTER TORQUE LIMIT INSPECTION AND/OR STARTER REPLACEMENT

- MODELS AFFECTED:** S2R, S/N 1416R thru 2265R equipped with 1416-21J series direct-drive starter.
- REASON FOR PUBLICATION:** To avert possible engine accessory drive damage in the event of a hydraulic lock condition.
- COMPLIANCE:** Part I – Upon receipt of this service letter.
Part II – Within next 25 hours time in service.

NOTE

If any problems are encountered while complying with this service letter, contract your Thrush Commander dealer or the Thrush Commander service manager.

- BY WHOM WORK WILL BE ACCOMPLISHED:** A & P Mechanic or equivalent
- APPROVAL:** FAA DER Approved
- ESTIMATED MAN HOURS:** Part I – Inspection Starter – Thirty (30) minutes
Part II – Replace Starter – Two (2) hours
- PARTS DATA:** Parts required to comply with Part II of this Service Letter may be ordered as a kit through your nearest Rockwell Commander Dealer/Distributor for \$928.29(C). Starter P/N 1416-201J will be supplied on an exchange basis. A credit of \$928.29 (C) will be issued upon receipt of old starter P/N 1416-21J, a properly executed Parts Return Request Form and a Compliance Card. Reference this Service Letter, aircraft model and factory serial number when ordering Service Letter No. SL-AG-93 kit consisting of the following:

Price subject to change without notice

QTY	Part No.	Description
1 ea	1416-201J	Starter
1 ea	7499	Gasket
1 ea		Compliance Card
1 ea	Service Letter No. SL-AG-93	Instructions

SPECIAL TOOLS: None

ACCOMPLISHMENT INSTRUCTIONS:

Part I

- 1 Remove left access engine side panel to gain access to engine starter.
- 2 Inspect starter type data plate, located on starter body, to determine if starter is a 1416-21J series.
- 3 If the starter is not a 1416-21J series, proceed to step 7.
- 4 If the starter is a 1416-21J series, the clutch torque rating should be 400 ft. pounds.

NOTE

Starter clutch torque rating is noted on the starter type data plate.

- 5 If the starter torque rating is 400 ft. pounds, proceed to step 7.
- 6 If the starter torque rating is higher than 400 ft. pounds, proceed to Part II.
- 7 Reinstall left access engine side panel and proceed to RECORD COMPLIANCE.

PART II

- 1 Remove existing starter as outlined in the Airplane Maintenance Manual, Section IV.
- 2 Install new 1416-201J series starter and 7499 gasket as outlined in the Airplane Maintenance Manual, Section IV.
- 3 Reinstall left access engine side panel.
- 4 A Rockwell Commander Dealer/Distributor must fill out a Parts Return Request Form and a Compliance Card and return with old starter to Rockwell International, Bethany, Oklahoma 73008, using the standard parts return procedure.

ELECTRICAL LOAD: No Change

WEIGHT AND BALANCE: No Change

SPARES AFFECTED: Yes

PUBLICATIONS AFFECTED: The illustrated parts Catalog change required by this document will be incorporated at the next scheduled change/revision.

RECORD COMPLIANCE: Make appropriate entry in airplane maintenance records as follows:

Service Letter No. SL-AG-93 dated 2 September 1977, entitled "Starter Torque Limit Inspection and/or Starter Replacement",

Part I accomplished (date) _____.

Part II accomplished (date) _____.

(mechanic license number) _____.

Fill out the compliance card and return it to Ayres Corporation.