



SCHWEIZER SERVICE NOTICE

NOTICE NO. N-161
DATE 28 September 1979
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MANDATORY

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SUBJECT: 100-AMPERE CAPACITY ALTERNATOR INSTALLATION - TORQUE
INSPECTION OF PIVOT BOLTS, PN AN7-12 AND NAS1306-21

MODELS AFFECTED: All Model 269 Series Helicopters equipped with optional
PN 269A4929-1 (28V) Alternator Installation

TIME OF COMPLIANCE: Shall be accomplished at each and every 100-Hour
Inspection interval
Shall be accomplished 25 hours after bolt installation
Shall be accomplished 25 hours after bolt torque has
been disturbed for any reason

PREFACE: The information given in this Service Information Notice lists a
procedure for special torque inspection of the subject 100A
alternator pivot bolts, to preclude wear and breakage of the
alternator attach lugs due to loosening of the pivot bolts in
service.

Reference

269 Series - Basic HMI, Issued 1 April 1973; Revision No. 5, 1 February 1978
269 Series - HMI Appendix B, Issued 1 July 1973; Revision No. 5, 1 August 1976
Hughes Service Information Notice No. N-111.2, dated 22 July 1977



TOOLS AND EQUIPMENT

Torque wrench - 0 to 1000 inch-pounds

INSPECTION PROCEDURE

Perform the following inspection:

- (1) at each 100-Hour Periodic Inspection
- (2) at 25 hours after pivot bolt installation
- (3) at 25 hours after pivot bolt torque has been disturbed for any reason

a. Check torque (600 inch-pounds) of, and retorque as necessary, the PN AN7-12 pivot bolt securing alternator lug to engine mounting bracket. (See Figure 1.)

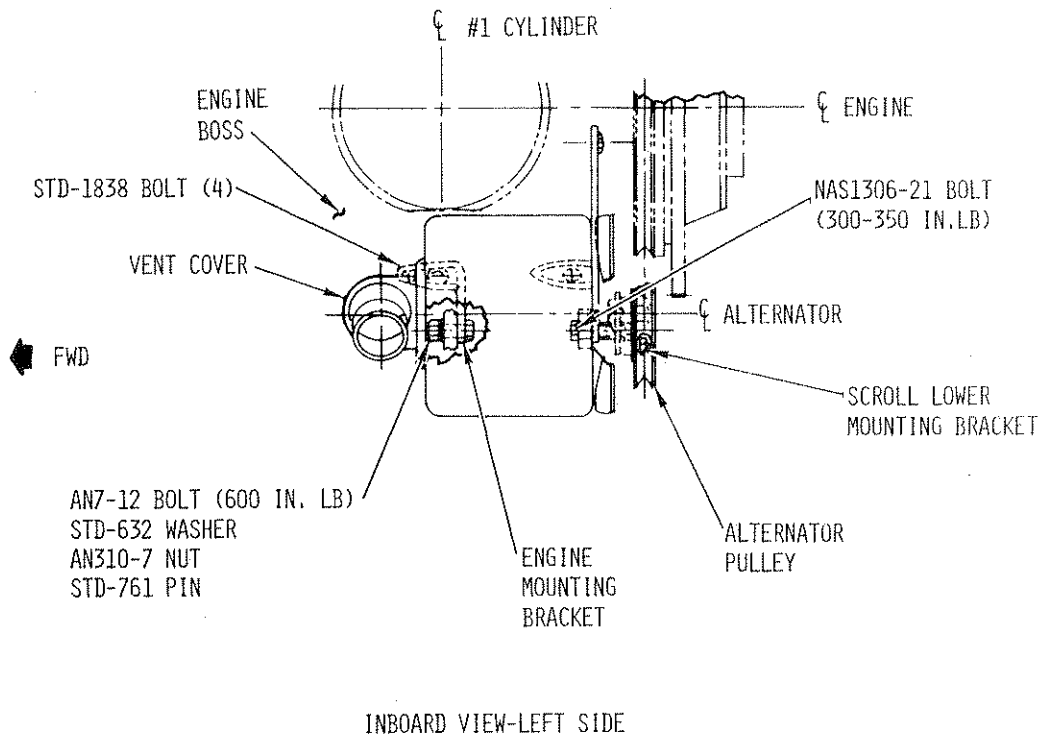
b. Check torque (300 to 350 inch-pounds) of, and retorque as necessary, the PN NAS1306-21 pivot bolt securing alternator lug to scroll lower mounting bracket.

c. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

WEIGHT AND BALANCE DATA

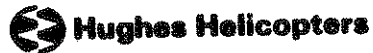
Weight and balance not affected.

FAA APPROVED



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Figure 1. Inspection of 100A alternator mounting (pivot) bolts



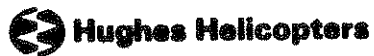
REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing maintenance or inspection of 100-Ampere Capacity Alternator (if installed) refer to Service Information Notice No. N-161 for torque inspection of pivot bolts.

HMI Reference: Insert this sheet in 269 Basic HMI, Section 16, page 16-6A.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next revision of the Basic HMI. (Refer to Service Information Summary, 269 Basic HMI, page i.)



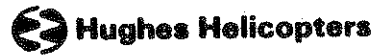
REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing inspection or maintenance of 100-Amp alternator (if installed), refer to Service Information Notice No. N-161 for torque inspection of pivot bolts.

HMI Reference: Insert this sheet in 269 HMI Appendix B, Section 2, Table B-2 Periodic Inspections, page 2-6.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next revision of 269 HMI Appendix B. (Refer to Service Information Summary, 269 HMI Appendix B, page i.)



REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing inspection or maintenance of 100-Ampere alternator (if installed), refer to Service Information Notice No. N-161 for torque inspection of pivot bolts.

HMI Reference: Insert this sheet in 269 HMI Appendix B, Section 2, Table B-3 Special Inspections, page 2-14A.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next revision of 269 HMI Appendix B. (Refer to Service Information Summary, 269 HMI Appendix B, page i.)

