



# SERVICE LETTER

DATE: 26 MARCH 1982

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## LUBRICATION OF DRIVE END BEARING LINER IN AIRCRAFT PARTS CORP MODEL 150SG SERIES STARTER-GENERATOR

TO: All owners and operators of Hughes Helicopters

### MODELS AFFECTED:

All 500 Model 369H Series Helicopters equipped with subject APC Model 150SG  
Starter-Generator

### REFERENCE

500 Series - Basic HMI, Reissued 15 September 1981  
Aircraft Parts Corporation Service Bulletin No. SB150SG103

The attached APC Bulletin, reprinted as part of this HHI Service Information Letter, provides instructions for inspection and lubrication of the subject drive end bearing liner during overhaul of the starter-generator, to preclude loosening of the liner in the generator housing.

It is recommended that owners and operators of affected Model 500 helicopters comply with the APC Bulletin, as indicated, to help ensure optimum generator performance and service.

A handwritten signature in black ink that reads 'Edward Koch'.

Edward Koch, Manager  
Customer Service Department  
Hughes Helicopters, Inc.  
Product Support Department



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**SUBJECT:** Lubrication of Drive End Bearing Liner in Model  
150SG series Starter-Generators

- A. **PURPOSE:** To prevent the outer race of the drive end ball bearing from seizing to the mounting head bearing liner.
- B. **PROCEDURE:** Apply a continuous film of NEVER-SEIZE, anti-seize and lubricating compound, or equal to the inside diameter of the steel bearing liner in the drive end housing, prior to assembly at the time of overhaul.

**NOTE:** Seizure of the ball bearing outer race induced by abnormally high engine mounting pad heat, or insufficient generator cooling can cause the mounting head steel bearing liner to loosen in the aluminum housing.

Inspect the generator mounting head bearing liner at overhaul and replace the mounting head if bearing liner looseness is noted.