

# 269D

## SERVICE LETTER



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DL-019

Basic Issue ▪ September 21, 2011

**Subject:** Main Transmission Ring Gear Carrier Assembly – Request for Information

**Models Affected:** All model 269D and 269D Configuration “A” helicopters, serial numbers 0001 through 0058 with main rotor transmission 269A5175-027 or 269A5175-039 installed.

**Reference:** 269D and 269D Configuration “A” - Basic HMI Section 10.

A main transmission ring gear carrier assembly, part number 269A5194, was found with cracks in the ring gear attachment holes. The cracks were found when an operator noticed the main transmission oil supply was contaminated or blackened. As part of its investigation, Sikorsky Aircraft is requesting the following historical data from operators of model 269D helicopters:

1. Helicopter Time Since New (TSN).
2. Time since main transmission overhaul.
3. Time since disassembly for internal repair (if applicable).
4. Time Since Inspection (TSI) of ring gear carrier assembly.
5. Time since 800 hour inspection of helicopter.
6. Total time on ring gear carrier.
7. Any occurrence of fretting or cracking of ring gear carrier assembly.
8. Any increased Take Off Power (TOP) modifications.
9. When TOP kit was installed (if applicable).
10. Any additional relevant information.

For your convenience, a Customer Reply Form is included with this service letter. Please prepare one form for each helicopter and return it to the address shown. Thank you for your cooperation.

SIKORSKY AIRCRAFT CORPORATION

REQUEST FOR  
INFORMATION

POWERTRAIN

### CUSTOMER REPLY FORM

Customer Name: \_\_\_\_\_ Helicopter Model: \_\_\_\_\_

Customer Information: \_\_\_\_\_ Helicopter Serial Number: \_\_\_\_\_

\_\_\_\_\_ Carrier Serial Number: \_\_\_\_\_

\_\_\_\_\_ Ring Gear Serial Number: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Component: Main Transmission Ring Gear Carrier Assembly, Part Number 269A5194

Please supply the following information:

- 1. Helicopter Time Since New (TSN): \_\_\_\_\_
- 2. Time since main transmission overhaul: \_\_\_\_\_
- 3. Time since disassembly for internal repair (if applicable): \_\_\_\_\_
- 4. Time Since Inspection (TSI) of ring gear carrier assembly: \_\_\_\_\_
- 5. Time since 800 hour inspection of helicopter: \_\_\_\_\_
- 6. Total time on ring gear carrier: \_\_\_\_\_
- 7. Any occurrence of fretting or cracking of ring gear carrier assembly? \_\_\_\_\_
- 8. Have any increased Take Off Power (TOP) modifications been made? \_\_\_\_\_
- 9. When was TOP kit installed (if applicable)? \_\_\_\_\_
- 10. Any additional relevant information: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Please return this form to:

Sikorsky Global Helicopters  
110 East Stewart Huston Drive  
Coatesville, Pennsylvania 19320 U.S.A.  
Attention: John Lukens, Engineering

REQUEST FOR  
INFORMATION

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