



**HUGHES  
SERVICE INFORMATION  
NOTICE**

NOTICE NO. N-185

DATE 12 October 1982

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**MANDATORY**

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**SUBJECT:** OPERATIONAL CHECK - FUEL LOW WARNING SYSTEM

**MODELS AFFECTED:** All Model 269 Series Helicopters

**TIME OF COMPLIANCE:** Shall be accomplished at next 1200 hour or annual inspection, whichever is sooner, and at each subsequent 1200 hour or annual inspection thereafter.

**PREFACE:** The information given in this Service Information Notice lists an operational check of the helicopter Fuel Low Warning System.

Reference

269 Series - Basic HMI (CSP-C-2), Reissued 15 March 1982

269 Series - HMI Appendix B (CSP-C-4), Reissued 15 August 1982

Customer Service Department

PROCEDURE

WARNING

Comply with all fuel handling safety precautions when performing the following operational check. Pay particular attention to the following:

1. Do not perform the operational check in a hangar or other enclosed area where fumes from fuel can accumulate.
2. Ensure that helicopter is grounded throughout the check.
3. Do not use external power source during this operational check. Turn helicopter battery power on and off only as directed.

NOTE

The fuel tank must contain more than 2 gallons of fuel before the operational check is begun.

- a. Set BAT switch to ON. check that FUEL LOW indicator on instrument panel is not lighted.
- b. Place plastic or rubber container under fuel drain line on right side of fuel tank and begin draining fuel (Section 5, Basic HMI). When approximately 2.5 to 3 gallons of fuel remain in the tank, drain fuel slowly. Continue to drain fuel until FUEL LOW indicator lights. Stop draining fuel as soon as indicator lights.

NOTE

If FUEL LOW indicator fails to light, check indicator lamp for open filament, and Fuel Low Warning System wiring to determine the cause. Replace lamp or repair wiring as necessary. (Refer to Section 14, Basic HMI.) Repeat the operational check. If the FUEL LOW indicator still does not light, replace the fuel low warning indicator switch (Section 5, Basic HMI).

- c. Set BAT switch to OFF.
- d. Drain remaining fuel in tank into an empty plastic or rubber container. Measure fuel drained from tank after FUEL LOW warning indicator lighted, Quantity must be 1.75 to 2.00 gallons. If quantity of fuel drained is not within these limits, replace fuel low warning switch (Section 5, Basic HMI).
- e. Refuel helicopter (Section 2, Basic HMI).
- f. Record compliance with this Notice in Compliance Record of helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.

The operational check procedure in this Notice has been shown to comply with Federal Aviation Regulations and is FAA Approved.

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

ACTION REFERENCE: For required operational check intervals for the Fuel Low Warning System refer to Service Information Notice No. N-185.

HMI REFERENCE: Insert this sheet in 269 Series HMI Appendix B, Section 2, Page 2-12.

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

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

ACTION REFERENCE: For required operational check of the Fuel Low Warning System, refer to Service Information Notice No. N-185.

HMI REFERENCE: Insert this sheet in 269 Series Basic HMI, Section 5, Page 5-6.

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