



SCHWEIZER SERVICE INFORMATION NOTICE

NOTICE NO. N-187

DATE 29 July 1983

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MANDATORY

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SUBJECT: INSPECTION AND OVERHAUL OF FUEL SHUTOFF VALVE (PN 269A4598)

MODELS AFFECTED: All 269A/TH-55A, 269A-1, 269B, and 269C Series helicopters.

TIME OF COMPLIANCE: Part I of this Notice shall be accomplished within the next 25 hours of helicopter operation, from the date of this Notice.

Part II of this Notice shall be accomplished if the fuel shutoff valve does not open and close properly during the inspection required by Part I of this Notice, or within 6 months from the date of this Notice.

PREFACE: The activation groove in the fuel shutoff valve ball can become worn from high seal drag in the valve. Information given in Part I of this Notice requires a one-time inspection of the shutoff valve for proper operation, and placarding of the fuel shutoff control to leave the shutoff valve open except in emergency until Part II of this Notice is accomplished.

Part II lists procedures for overhaul of fuel shutoff valves (PN 269A4598). Compliance with Part II of this Notice removes the restrictions for using the fuel shutoff control imposed by Part I of this Notice.

For 6 months from date of this Notice, fuel shutoff valve overhaul kit, PN 1595-1000, regularly priced \$214.52 may be obtained from your Hughes Service Center or Distributor for \$165.34.

Reference

Basic Handbook of Maintenance Instructions (CSP-C-2), Reissued 15 March 1982.



PART I - FUEL SHUTOFF VALVE (PN 269A4598) INSPECTION

TOOLS AND SPECIAL EQUIPMENT

Mirror

Commercial

PROCEDURE

a. Ensure all electrical power is off, battery is disconnected, and helicopter is electrically grounded.

WARNING

Follow all fuel handling safety precautions. Fuel vapors are highly flammable and can result in fire or explosion if exposed to sparks or open flame.

- b. Defuel helicopter (Section 5, Basic HMI).
- c. Disconnect fuel line from fuel shutoff valve (Section 5, Basic HMI).
- d. Ensure fuel shutoff valve control is pushed in. Using mirror, check ball in fuel shutoff valve to see that valve is fully open.
- e. Pull fuel shutoff control on instrument panel full out. Use mirror to check that valve is completely closed.
- f. Push fuel shutoff control in; check valve using mirror to see that valve is open and unobstructed.

WARNING

If fuel shutoff valve does not open and close fully during the above checks, the valve must be overhauled per Part II of this Notice, or replaced prior to further flight.

- g. Reattach fuel line to fuel shutoff valve (Section 5, Basic HMI).
- h. Refuel helicopter (Section 2, Basic HMI).
- i. Fabricate placard which reads, USE FUEL SHUTOFF VALVE IN EMERGENCY ONLY; attach placard to instrument panel where it can be easily seen by the pilot.
- j. Record compliance with Part I of this Notice in Compliance Record of helicopter Log Book.

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WEIGHT AND BALANCE DATA

Weight and balance not affected.

The resultant alteration to affected models as described by procedures given in Parts I and II of this Notice have been shown to comply with Federal Aviation Regulations and is FAA Approved.