



SCHWEIZER SERVICE BULLETIN

DB-013
26 Apr 2005

MANDATORY

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SUBJECT: FUEL PUMP DRAIN TUBE

MODELS AFFECTED: 269D Series Helicopters Serial Numbers 0001 through 0037.

TIME OF COMPLIANCE: At the next 100-Hour Inspection or within 12 months of issue date of this Service Bulletin, whichever occurs first.

REFERENCE: Model 269D Basic HMI (Issued: 01 Feb 1993; Revised: 26 Apr 2005) **OR**
Model 269D Config "A" Basic HMI (Reissued: 20 Jul 2001; Revised: 18 Jan 2005)

- PREFACE:
- Reports indicate that if an engine driven fuel pump internal seal leaks, fuel may drip on the engine fire shield and the exhaust. This may cause a fire in the engine bay.
 - Failure to comply with this Service Bulletin may lead to loss of control of the helicopter and subsequent injury, death and /or property damage.

NOTE

If affected helicopter has been retrofitted with SA-269DK-026 Kit, no further action is required; record compliance in aircraft records.

- Engineering aspects are FAA approved.

PARTS REQUIRED: Schweizer Kit SA-269DK-026

PROCEDURE:

NOTE

As necessary, refer to blue print (included in kit) while performing the following procedure; install all clamps, retainers, and hardware as shown.

- a. Gain access to left side of engine bay.
- b. Close maintenance fuel shutoff valve (Basic HMI, Section 5).
- c. Remove the existing fuel filter drain line.
- d. Install AN919-2D reducer and MS29512-03 O-Ring on bottom of fuel pump.
- e. Orient AN824-4D Tee fitting in mounting position and connect 269D4518-153 tube assembly between Tee fitting and fuel pump.
- f. Connect lower end of 269D4518-157 tube assembly to Tee fitting and connect upper end to fuel filter using clear vinyl tubing. Cut vinyl tubing to length as necessary.
- g. Drill a 0.437 inch hole through belly skin at location specified on blue print. Install MS35489-6 grommet in hole.

- h. Insert 269D4518-149 tube assembly through 269D3910-25 fuselage tube and rout to aircraft exterior through grommet. Connect upper end of -149 tube to Tee fitting.
- i. Ensure that all connections are secure; open the maintenance fuel shutoff valve and install lockwire (Basic HMI, Section 5).
- j. Perform an operational check of filter drain system.
- k. Record compliance with this Service Bulletin in the aircraft records.

WEIGHT AND BALANCE

Weight and balance are not affected.