

R44

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SERVICE LETTER SL-25

DATE: 10 June 2002

TO: All R44 Owners, Operators, and Service Centers

SUBJECT: Hydraulic Reservoir Vent

ROTORCRAFT AFFECTED: R44 Helicopters S/N 1117 and prior equipped with hydraulic flight controls.

BACKGROUND: RHC has received reports of hydraulic fluid leakage from the reservoir vent. D211 Revision H and subsequent reservoirs have an internal baffle to reduce leakage. Leakage can be reduced on Revision G and prior reservoirs by replacing the standard A610-1 or D487-1 vent with a D487-3 vent.

COMPLIANCE PROCEDURE:

- 1 Read D211 revision letter from data plate on hydraulic reservoir.
2. For D211 Revision H and subsequent, no further action is required
3. For D211 Revision G and prior, determine which type of vent is installed (see figure on page 2).
4. If A610-1 or D487-1 vent is installed, replace with D487-3 and MS28778-5 packing.

Approximate Cost:

Parts: No charge (order must reference helicopter serial number).

Labor: 0.1 manhour.

A610-1 VENT



D487-1 VENT



D487-3 VENT
(REDUCED LEAKAGE
FOR REVISION "G"
AND PRIOR D211
RESERVOIRS)



MS28778-5 PACKING

