

R44

Page 1 of 1

SERVICE LETTER SL-14

DATE: 30 May 97

TO: R44 Owners, Operators, and Service Centers

SUBJECT: Carburetor Modification

ROTORCRAFT AFFECTED: R44 Helicopters S/N 0001 through 0317 excluding S/N 0182, 0224, 0228, 0298, 0301, 0306, 0307, 0311, 0312, 0314, and 0315.

BACKGROUND: R44 carburetors have been found to be too rich, causing excessive fuel consumption and poor altitude performance. Leaner jetting for the carburetor has recently been approved and kits are now available to upgrade carburetor P/N 10-5054 (RHC P/N C144-1), 10-6035, and 10-6035-1 to P/N 10-6035-11. Tests indicate that installation of the KI-113 Kit will reduce fuel consumption in most R44s by approximately 2 gph in cruise flight.

COMPLIANCE PROCEDURE:

- 1) Reference helicopter serial number and order one KI-113 Kit.
- 2) Rework carburetor per instructions in KI-113 kit.

Approximate Cost:

Labor: 2 manhours

Parts: \$140.00*

*No charge for aircraft S/N 0223 & on if ordered prior to 31 Jul 97. Normal service center discounts do not apply (Refer to letter dated 28 May 97.)

Note: Carburetor will be modified with no labor charge if returned to RHC.