

R44 SERVICE BULLETIN SB-97

DATE: 11 April 2019

TO: R44 II Owners, Operators, and Maintenance Personnel

SUBJECT: R44 II Induction Hose

EFFECTIVITY: A785-31 hoses shipped as spares from May thru November 2018, and A785-31 hoses originally installed on R44 II Helicopters S/N 14248 thru 14286 except 14269.

TIME OF COMPLIANCE: Part A: Within one flight hour, or prior to further flight if engine roughness or power loss is, or has been, encountered. Part B: By 30 June 2019.

BACKGROUND: RHC has received a report of an A785-31 engine air induction hose with separation between its outer and inner layers. A separated inner layer can block engine induction air flow.

COMPLIANCE PROCEDURE:

Part A:

1. Remove right side engine cowling and remove A785-31 hose.
2. Visually inspect inside of hose to verify no separation between outer and inner layers. Also, flex the hose in all directions and listen for a crinkling sound, which is an indication of separation. (An airworthy hose does not make a crinkling sound when flexed.)
3. Prior to further flight, replace any hose with any indication of separation; contact Pat Cox (ts1@robinsonheli.com) for instructions regarding any separated hose.
4. Make appropriate maintenance record entries.

Part B:

1. Replace or discard all affected A785-31 hoses by 30 June 2019.
2. Make appropriate maintenance record entries.

APPROXIMATE COST:

Parts: No charge for replacement A785-31 hose if ordered by 30 June 2019. Reference helicopter serial number or RHC invoice number when ordering.

Labor: 0.5 man-hour.