

R44 SERVICE BULLETIN SB-100

DATE: 03 July 2019

TO: R44 II Owners, Operators, and Maintenance Personnel

SUBJECT: R44 II Induction Hose

EFFECTIVITY: R44 II Helicopters S/N 10001 thru 14314, except 14269, 14287, 14299, and 14304. Also spare A785-31 hoses shipped thru March 2019.

TIME OF COMPLIANCE: Within next 100 flight hours or by 31 August 2019, whichever occurs first.

BACKGROUND: RHC has received reports of A785-31 engine air induction hoses with separation between their outer and inner layers. A separated inner layer can block engine induction air flow. Service Bulletin SB-97 requires replacement of certain suspect hoses. This bulletin requires a one-time inspection of all hoses.

COMPLIANCE PROCEDURE:

1. For installed hoses, 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. Replace any installed hose with any indication of separation. Return to RHC or discard any spare hose with any indication of separation.
4. Make appropriate maintenance record entries (appropriately tag spares inventory in accordance with local procedures.) Notify RHC Technical Support of any hose where indications of separation were found.

APPROXIMATE COST:

Parts: None for hose inspection. \$134 for replacement of A785-31 hose.

Labor: 0.2 man-hour (in conjunction with scheduled oil change).