

R44 SERVICE LETTER SL-74C
(supersedes R44 SL-74B)

DATE: 11 March 2020

REV C: 7 July 2021

TO: R44-series Owners, Operators, and Maintenance Personnel

SUBJECT: C792-5 Dual Tachometer

BACKGROUND: Stock of C792-4 dual tachometers is limited. A new C792-5 dual tachometer supersedes C792-4 tachometers and is functionally interchangeable. A B792-2 (adapter) harness assembly is required to connect C792-5 tachometers to airframe wiring on earlier R44s.

C792-5 dual tachometers include circuits to enable a high-rotor rpm audio alert as well as engine start-up overspeed protection, both of which became standard features in R44 Helicopter S/Ns 2625 & subsequent, R44 II Helicopter S/Ns 14364, 14412 & subsequent, and R44 Cadet Helicopter S/Ns 30061, 30071 & subsequent; earlier C792-4 tachometers will neither connect nor function in these helicopters. For details refer to R44 Electrical System Installation schematic marked "C024 Revision AS" (or subsequent) in [R44 Maintenance Manual](#).

Supply chain disruptions have resulted in shortages of new C792-5 dual tachometers. To minimize downtime, existing C792-4 dual tachometers due for overhaul may continue in service an additional 500 hours or 12 months, or until 31 December 2021, whichever occurs first.

COMPLIANCE PROCEDURE:

When replacing a C792-4 tachometer with a C792-5 tachometer, install B792-2 dual tachometer (adapter) harness assembly between tachometer & airframe harness, and tighten two screws on both connectors. Secure B792-2 harness as required with ty-raps.

NOTE

To access rotor tachometer adjustment screw on back of case, gently lift corner of serial number sticker marked "ROTOR TACH ADJ".