

R22 SERVICE BULLETIN SB-119

DATE: 23 February 2022

TO: R22-series Owners, Operators, and Maintenance Personnel

SUBJECT: C143-1 Sensor (Engine RPM) Wiring

EFFECTIVITY:

- R22 Helicopter S/Ns 4825 thru 4857, 4860, & 4861.

TIME OF COMPLIANCE: Within next 5 flight hours or by 31 March 2022, whichever occurs first.

BACKGROUND: Damaged wiring can cause erratic D270-1 governor controller operation. This bulletin requires inspecting the engine-RPM sensor wiring and modifying the wiring connection to the airframe harness with different connectors for improved clearance and strain relief.

COMPLIANCE PROCEDURE:

1. Order one KI-288 kit for each affected helicopter and install per kit instructions.
2. With an appropriately rated person at controls, perform starting engine and run-up checklist per Section 4 of R22 Pilot's Operating Handbook. Run helicopter for 5 minutes and verify proper governor operation.
3. Make appropriate maintenance record entries.

APPROXIMATE COST:

Parts: No charge for KI-288 if ordered by 31 March 2022.

Labor: 3.5 labor-hours.