

Sikorsky Aerospace Services Employs HUMS Data To Extend Life Of S-92® Helicopter Main Rotor Hub

SHELTON, Connecticut -

[Sikorsky Aircraft Corp.](#) has received Federal Aviation Administration approval to grant life extensions for the Main Rotor Hub on the company's [S-92®](#) helicopter platform. Through its aftermarket business, [Sikorsky Aerospace Services](#) (SAS), Sikorsky Aircraft will have the ability to utilize Health and Usage Monitoring System (HUMS) data to determine a one-time life adjustment for particular serial number main rotor hubs in accordance with a methodology accepted by the FAA.

"Beyond monitoring for failure prevention, we have now advanced the usage of HUMS data into the realm of operating cost reductions," said Steve Bohlman, SAS Director, Global Service & Support. "By obtaining FAA approval for our methodology, we have achieved an industry first. Extending the life of a component through individual aircraft usage monitoring is an important first step in using HUMS data to proactively reduce the operating and maintenance cost of the S-92 aircraft."

The S-92 helicopter incorporates numerous safety features, including a flaw tolerant design, and Sikorsky continues to make safety and performance upgrades. HUMS provides another safety enhancement by allowing the SAS Fleet Management Operations Center (FMOC) in Connecticut to monitor, on a continual basis, the health of the worldwide S-92 helicopter fleet. Data collected by the FMOC helps identify maintenance conditions including whether components are wearing as expected.

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