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 dsi-hums.com

HUMS FACT SHEET

*ATTENTION CUSTOMER BUSINESS MANAGERS,
 AUTHORIZED DISTRIBUTORS, AND OPERATORS*

STC No.: SR03260NY-D	Agusta Westland AW139
STC Holder: Air Concepts International 14 Caesar Place Moonachie, NJ 07074	
STC Issue Date: Mar 2013	
STC Reissue Date:	
Applicable to: AW139	
HUMS Model: Model 1134	

NOTE:

SUMMARY:

Honeywell, in conjunction with Air Concepts International (ACI), has developed an automated vibration monitoring and fault diagnostic system for the Agusta Westland AW139 helicopter. This system will monitor the health of the equipment during routine operation and initiate work instructions to correct any warnings or faults detected. In addition to Rotor Track and Balance (RT&B), the system monitors the status and health of the drive train while also recording any engine related exceedances that may occur during operation.

Kits are available for new installations as well as upgrades for those aircraft using Honeywell's VXP system. Options provided for data download via a cockpit interface panel using a USB memory device or a Quick Access Recorder (QAR).

MAJOR COMPONENT PART NUMBERS:

Part Number Qty Description

AW139 Aircraft Adapter Kit - four kits available

- HPN: 1134-3200-FA-xx
 - 01 New installation with QAR
 - 02 New installation with USB port
 - 03 Upgrade from VXP with QAR
 - 04 Upgrade from VXP with USB port

AW139 Ground Accessory Kit

- HPN: 1134-3203-FA (includes Optical Blade Tracker)

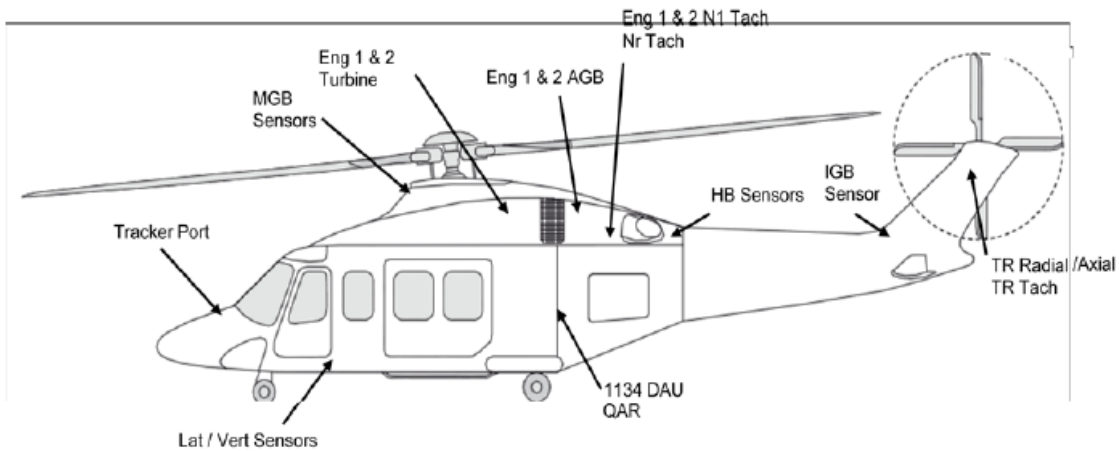


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SENSORS:

Tail rotor radial	Hanger bearing #1	MGB tail D/S quill
Tail rotor axial	Cabin lateral	MGB top case aft left
Tail rotor IGB	Cabin vertical	MGB top case fwd left
TGB case	Engine #1 turbine	MGB top case fwd right
MGB input module #1	Engine #2 turbine	MGB tail D/S tachometer
MGB input module #2	Eng AGB #1	MGB tachometer
MGB input shaft #1	Eng AGB #2	Tail rotor tachometer
MGB input shaft #2	MGB lateral	Main rotor tachometer

INSTALL LOCATIONS:



OPTIONS:

The Model 1134 can be connected to the Sky Connect Tracker III to provide real-time exceedance alerts.

For technical support and additional information, please contact:

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