

Exceedance & Trend Monitor

STC Approved for Airbus AS350
 Bell Medium UH-1, 204, 205,
 210, 212S & 214
 Bell 206B/L & Bell 407

Other model approvals coming soon

The AKV Exceedance and Trend Monitor ETM1000 is an Engine Data Acquisition Unit (EDAU). It provides legacy operators with a highly effective and affordable means to monitor and record all drive train parameters for exceedances and trending. The ETM1000 is the only system available that is programmed with the complete Rotorcraft Flight Manual (RFM) operating limitations and helps prevent an exceedance from being recorded by providing alert tones to the pilot in conjunction with panel mounted pushbutton annunciators with caution and warning indication. A dedicated instrument panel mounted power check pushbutton and health indication is also provided.

As an option, the ETM1000 can stream real time recorded data via the built-in serial port to popular 3rd party Flight Data Recorders (FDR) systems, purchased separately.



Compatible with popular 3rd party Flight Data Recorders (FDR)

AS350 Powered with Arriel 1 or LTS101 engines



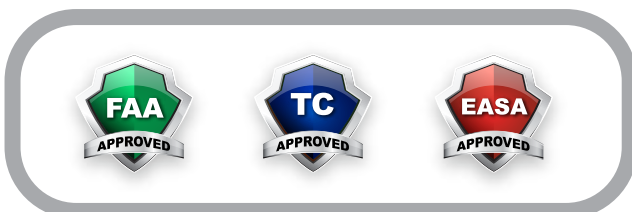
Bell Medium T53 and T55 engines



B206B/L with 250 series engines



Bell 407 with C47B engine



ETM1000

Exceedance & Trend Monitor

System Features Include

- Field programming
- Quick Access Recorder (QAR) SD card
- Power check recording
- Interface with all existing engine and airframe signal generators
- Optional third party FDR/satellite data connection
- Custom graphic software
- Long term trending of data
- Optional engine Cycle Counting and Remote Display with Exceedance information

Parameters recorded include:

N1 - Gas Producer

N2 - Free Turbine

Nr - Rotor

MGT - Measured Gas Temperature

Tq - Torque

OAT - Outside Air Temperature

PA - Pressure Altitude

Airspeed Switch

Flight Time

Engine Run Time

Engine Starts

Aircraft Registration

Custom Graphic Viewer

