AS350
Engine Cycle Counter

The most affordable Ng/Np engine cycle counter in the industry. Designed to comply with the latest manufacturer cycle counting requirements for the Turbomeca Arriel 1, Honeywell LTS101-600 series and 700D-2 engines.

- Reduces operating costs
- Maximizes engine cycle life
- Field programmable (Ground Support Programming Kit required)
- Easy installation
- Provides high accuracy cycle counting
- Easy to read LCD display indicating:
  - Gas producer and power turbine real time speeds
  - Ng max
  - Ng & Np engine daily cycle counts
  - Ng & Np engine running totals
  - Engine start counter
  - Ng & Np operation/excursions counter
  - Flight operating timer
  - Engine run timer

Approved for use in:
- AS350C
- AS350D
- AS350B
- AS350BA
- AS350B1
- AS350B2 (VEMD)
- Soloy & Heli-Lynx

LTS101 Engine Conversion
Subject: AKV Cycle Counter

Dear M. Gunn,

Please find here below the technical position of Turbomeca following the analysis of the AKV document: “Arriel 1 Cycle Counter Operations Specification – Rev D / November 20th, 2011”.

This document was defined to describe the operation of the following AKV Arriel 1 Cycle Counter part number(s), software version and model applicability:

- P/N 350NGTEC – Linear Ver Rev 1 – Arriel 1B, 1D and 1D1
- P/N BK1172XCC – Linear Ver Rev 1 – Arriel 1E2

Turbomeca considers that the method used by AKV (Linear Version, Revision 1) to compute cycles is acceptable for a cycle counting aid system.

Consequently, Turbomeca will reference and officialise the AKV Arriel 1 Cycle Counter (listed above) as a cycle counting aid system in the TURBOMECA documentation, through the distribution of the General Service Letter 2283/04.

Turbomeca requests to AKV to remind their customers that the “manual method” is the only one approved as primary counting in the chapter 5 of the Maintenance Manual as stipulated in the GSL 2283/04.

For any modification which may have an impact on the cycle counting function, AKV shall introduce an evolution in the product designation.

Head of Technical Support Department

Christian CANEILLES