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TPE331 Engine Cycle Counter

Get the most
out of your
TPE331 engine



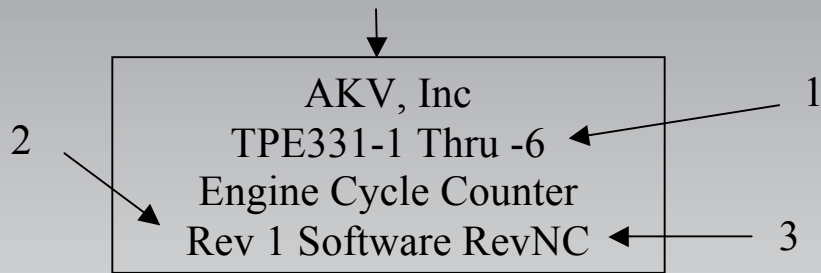
The most affordable TPE331 cycle counter in the industry. Designed to comply with the latest manufacturer cycle counting requirements for the Honeywell TPE331 engine. Proven design based on our current STC and EASA approved cycle counters.

Benefits include:

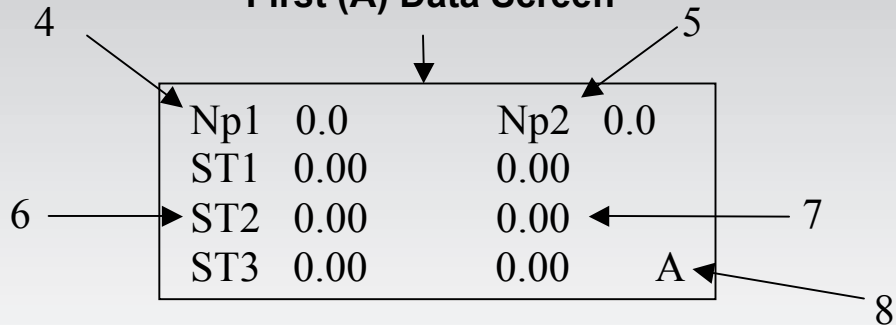
- ✚ Reduced operating costs
- ✚ Increased engine cycle life
- ✚ High accuracy
- ✚ Field programmable
- ✚ Easy installation
- ✚ Single and twin engine capable
- ✚ Easy to read 4 line LCD display indicating :
 - * Np Prop Speeds
 - * Stage 1, 2 & 3 Flight Cycles
 - * Stage 1, 2 & 3 Total Cycles
 - * Np Operation/Excursions Counter
 - * Engine Start Counter
 - * Flight Counter
 - * Max recorded Np speed
 - * Run Time Operating Timer
 - * Flight Operating Timer

**Essential
for any Honeywell
TPE331
operator**

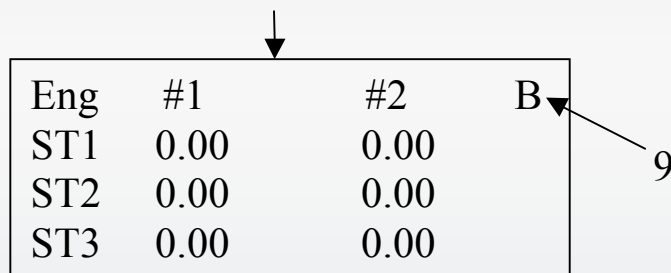
Power Up Screen



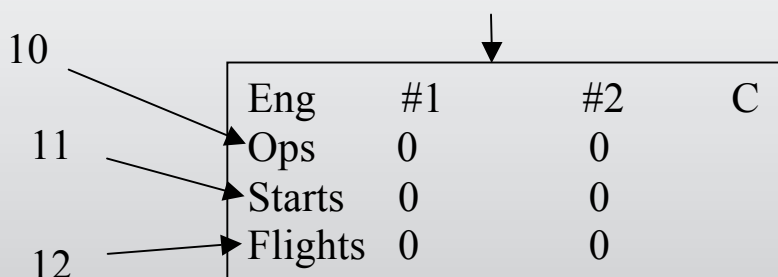
First (A) Data Screen



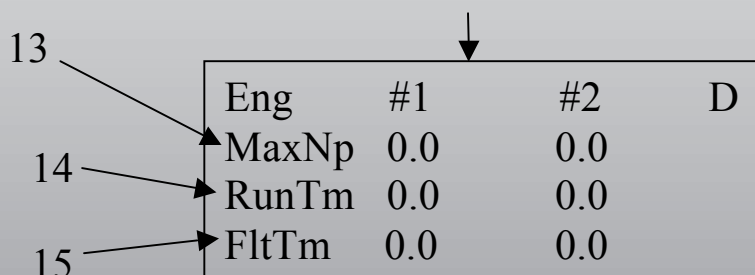
Second (B) Data Screen



Third (C) Data Screen



Fourth (D) Data Screen



1. Engine model applicability
2. Honeywell Service Bulletin No. that the Cycle Counter software is designed to.
3. Cycle Counter software revision.
- 4&5. Eng #1 (Np1) and Eng #2 (Np2) prop speed Indications that will match your tachometer indicators. Speed indication confirms that the cycle counter is operational during A/C operation.
- 6&7. Eng #1 (under Np1) and Eng #2 (under Np2) turbine discs stage 1 , 2 & 3 cycle values accumulated during flight operation. These are reset to zero and added to screen "B" totals when the "Reset" button is pressed at the end of the flight day.
8. Screen indication alphanumeric. Changed by pressing the "Screen" button.
9. Screen "B" totals. Screen "A" cycles are added to the running totals on this screen. These values are programmable using the Ground Support Programming Kit P/N CC-GSE.
10. Operations (excursions) counter. Any time the Np speed changes from >90% with the airspeed switch made to ground idle with Np <70% then back to flight speed >90% with the airspeed switch made it counts a "1". This value resets to zero when the "Reset" button is pressed.
11. Accumulative and programmable engine starts counter. Np > 30%
12. Flights counter that counts a "1" under the same conditions as the "Ops" counter item 10. This value is accumulative and programmable.
13. Max Np RPM between resets. This resets when the "Reset" is button is pressed.
14. Run time. Starts at >30% Np speed and stops at <30% (engine shut down)
15. Flight time. Starts when Np >90% and airspeed switch is made and stops when Np <90% and airspeed switch is off.

END