



DIAMOND J, INC.
SUPERIOR AIRCRAFT INSTRUMENTS

BELL 206 SERIES

EXCEEDANCE TEMPERATURE, TORQUE
AND NON EXCEEDANCE N1 RPM

Be Safe Fly Smart

with

Diamond J's Exceedance Monitoring

SALIENT FEATURE

- ◆ DIGITAL DESIGN - MICROPROCESSOR CONTROLLED
- ◆ FAA TSO (TECHNICAL STANDARD ORDER) APPROVED
- ◆ ACCURACY $\pm 0.5^{\circ}\text{C}$ (T4) or $\pm 0.5\%$ (TRQ) AND (RPM)- OVER THE INDICATOR'S LIFE & TEMPERATURE RANGE OF -40 TO $+70^{\circ}\text{C}$
- ◆ DIGITAL RESOLUTION $\pm 1^{\circ}\text{C}$ (T4) or $\pm 0.1\%$ (TRQ)
- ◆ POWER REQUIREMENTS - 28 VDC - 160 mA MAX
INDICATOR OPERATES CORRECTLY AT 10 TO 40VDC
- ◆ MTBF 30,000 HOURS - IN SERVICE PROVEN
- ◆ THE ANALOG POINTER IS DRIVEN BY A HIGH RESOLUTION STEPPER MOTOR (0.9° / STEP) WITH 100,000 HOURS MTBF
- ◆ T4 OR N1 NEEDS NO ADJUSTMENT OR CALIBRATION FOR LIFE OF THE INDICATORS
- ◆ A SEMI-AUTOMATIC TORQUE CALIBRATION SYSTEM - SAVING SIGNIFICANT MAINTENANCE MAN HOURS
- ◆ POSITIVE FAILURE INDICATION OF SIGNAL AND/OR POWER
- ◆ MODULAR DESIGN OF HARDWARE & SOFTWARE
- ◆ SUN LIGHT READABLE
- ◆ LONG LIFE LED DIGITAL DISPLAY
- ◆ OPTIONAL NVG COMPATIBLE
- ◆ SOLID STATE TORQUE PRESSURE TRANSDUCER



PN 61000-206 SERIES
STC SR00031LB



PN 65100-206 SERIES
STC SR00031LB



PN 64000-206 SERIES

EXCEEDANCE MONITORING ADVANTAGES

- ◆ PRE-WARNS FLIGHT CREW OF POTENTIAL EXCEEDANCE WITH DIGITAL ACCURACY OF $\pm 0.5\%$
- ◆ ELIMINATES COSTLY, UNNECESSARY INSPECTIONS AND REPAIRS WITH EXCEEDANCE PLAYBACK

FOR ADDITIONAL INFORMATION CONTACT JASON HARRIS

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