

AIRFRAME CUMULATIVE FATIGUE RECORDER MODEL A1001A

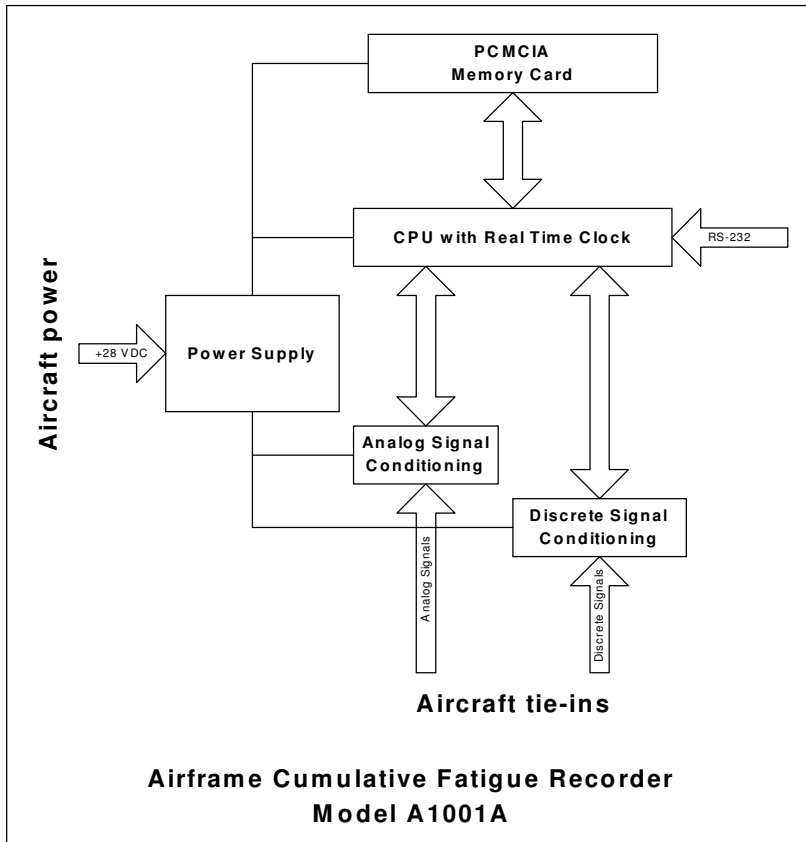
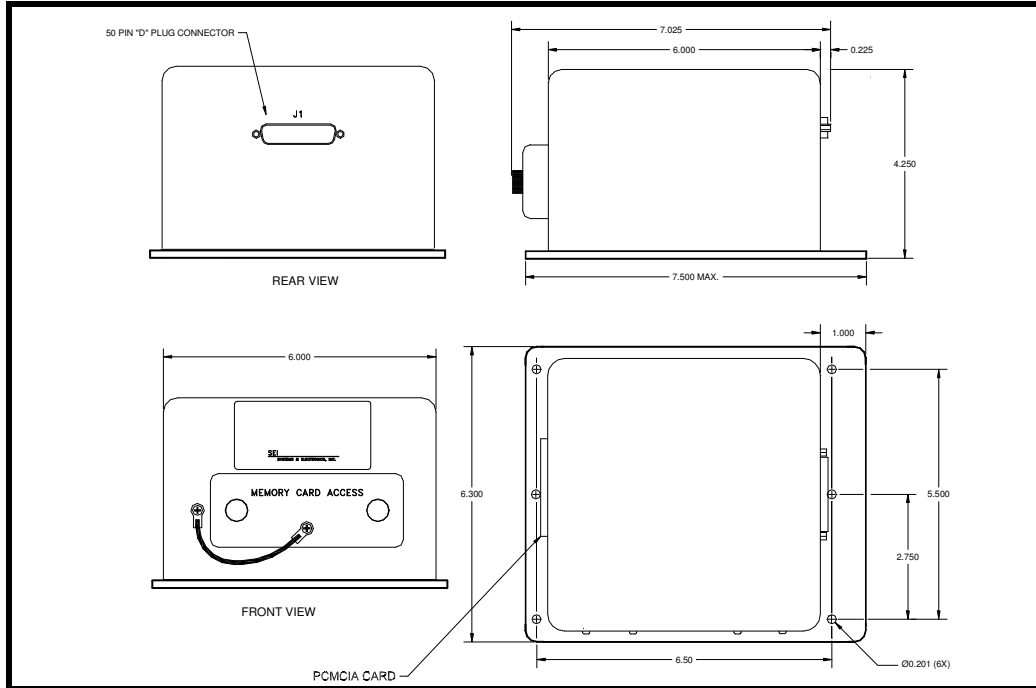


Systems & Electronics, Inc. (SEI) *Airframe Cumulative Fatigue Recorder (CFR) Model A1001A* is an advanced, low cost data recorder capable of monitoring airspeed, altitude, and accelerations.

The *Cumulative Fatigue Recorder (CFR) Model A1001A* is capable of recording *eight differential analog signals, eight digital signals, and global positioning* as an option. The *CFR's* low power consumption, light weight, and small size allow for easy aircraft installation.

**A Cost-Effective
Solution For Tracking Aircraft
Timeshares,
Billing and Severity
of Operations.
Custom Configurations,
Aircraft Systems Integration,
and
Data Analysis Services**

- ◆ **Designed to: RCTA/DO-160D**
- ◆ **Product Features:**
 - ◆ Eight Differential Analog Channels
 - ◆ Eight Digital Input Channels
 - ◆ RS-232 Communications Port
 - ◆ PCMCIA Memory, 32 Megabytes
 - ◆ Real Time Clock
 - ◆ GPS Optional



SUMMARY SPECIFICATIONS	
Parameter	Specification
Input Voltage	+18 to 36 VDC
Power Consumption	< 3 Watts
Weight	< 3 pounds
Analog Channels (8)	± 10 VDC differential
Memory Capacity	PCMCIA Flash 32 Mbytes
Digital Channels (8)	Ground / Open
Communication Interfaces	RS-232
Voltage Outputs	+5 and ±15 VDC
Operating Environment	-20°C to +70°C

**Recorded Global Positioning System Data:
Ground Speed, Elevation, Latitude,
Longitude, Time, and Date.**