

## OPTICAL QUICK ACCESS RECORDER (OQAR)



- Part Number: 22248000-XX
- Form Factor: 4 MCU
- Connector: ARINC 600 or ARINC 404
- Weight: 9.3 lbs/4.2 kg
- Input Power: 115VAC, 400Hz
- Recording Rate: From 64 to 512 wps

### KEY FEATURES

The Teledyne Controls' Optical Quick Access Recorder is available in two versions; one with an ARINC 600 back connector and one with an ARINC 404 back connector. It is plug-in compatible with existing recorders.

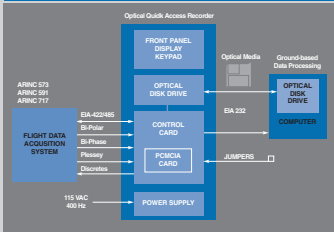
In addition, the OQAR provides numerous enhancements and expansion capabilities that provide additional benefits to the user, including:

- Supports both 230MB and 128MB magneto-optical disks
- Reduced maintenance cost - no scheduled maintenance required. On-condition maintenance is indicated by built-in test and can be performed on aircraft
- Improved data integrity - the laser servo tracking system precludes the corruption of recorded data on adjacent tracks resulting from shock and vibration
- Reduced media cost - one third the cost per recorded hour compared to DC600A tapes, plus the OQAR diskette is standard PC technology, available from any commercial computer supplies outlet
- Improved media durability
- Tolerance of environmental extremes - temperature monitoring and disk drive power control system ensure that the disk drive only operates when the drive temperature is between 10° C and 40° C
- Enhanced data recording - partial and full frames are recorded, along with a comprehensive tag file which indicates the start time of significant events as well as time-tagging the data, allowing instant identification on analysis

Optical Quick Access Recorder provides immediate solution for Data Recording...

Teledyne Controls' Optical Quick Access Recorder (OQAR) provides aircraft operators with an immediate, reliable and cost-effective solution for data recording. This cost saving solution will enhance safety, reduce operating costs and increase operational efficiency.

**OPTICAL QUICK ACCESS RECORDER BLOCK DIAGRAM**



**FOQA SOLUTIONS**

Enhanced Safety -- Reduced Operating Costs -- Increased Operational Efficiency

