Common Mission Debrief Program™

The Common Mission Debrief Program (CMDP) is a PC based software product designed by Aircrews and Flight Test Engineers to support Debrief, Training and Analysis of IRIG106 Chapter 10 compliant mission recorders. The CMDP provides a full range of capabilities from Aircrew Mission Debrief to Engineering Analysis in Developmental Test, Operational Test or Operational Training and Combat Environments.

Features

- Windows XP & .NET Based
- 4 Aircraft Playback each with:
  - 4 Video/Audio Channels
  - 16 Mil-Std-1553 Bus Channels
  - 1 PCM Channel (Chapter 4/8)
- Select Any Video Channel from Any Aircraft into Any Display; On-The-Fly!
- Auto-Launch with “Hot Debrief”
- Data Archive & Retrieval Wizard
- Local-Network Storage or AIT-3 Tape
- Time Alignment of Video/Audio & Data
- Variable Speed Replay (from x0.1 to x10)
- Import Full Bus Database from User Formats
- Time & Event Export Products:
  - Video/Audio to MPEG-2 Files or Windows Media Files (ASF)
  - Mil-Std-1553 to CSV Files
  - Raw Chapter 10 Files; All or selected channels
- User Settings & Aircraft/Display Setup Files
- Full Time Scrolling & Event GoTo Points

For more details contact your local agent or contact JDA Systems directly:
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Tel: +49-4928-91560 Fax: +49-4928-915620
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CMDP has (2) Modes of operation which can be changed on-the-fly during playback or pre-set configurations for each user and mission configuration load. Any or all Aircraft data sources can be displayed in 3-D Flight or data displays completely synchronized with all videos and audio. Other custom development modes include platform specific Multi Function Display (MFD) / Panel reconstruction from bus data or mission pod data.

Optional 3D Multi Aircraft Display w/ Satellite Terrain Maps
Displays dynamic terrain databases together with multiple detailed aircraft models. CMDP users can connect real aircraft parameters to multiple aircraft models for synchronous replay with video/audio, MIL-1553 bus or PCM data.

Features
- Multiple Aircraft Support
- Trace Indicator & Altitude Line
- Angle Of Attack / Side Slip Indicators
- Speed & G-force Vector Indicators
- “Chase” Camera Modes
- Constant Multi Aircraft View Camera Mode
- Projected Aircraft/Pod Sensors
- Display Ground Targets & Range Boundaries

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