

# Smiths Group

## Event Data Recorder (EDR) Issues & Recommendations

IMS Division Of Smiths Group

February - 2001

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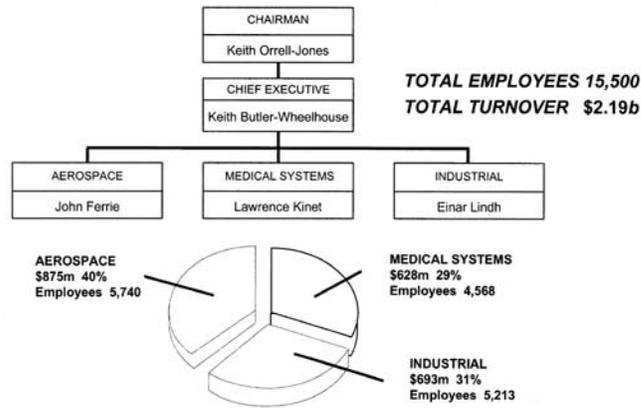
### Outline

- ♦ Smiths Aerospace - IMS Overview
- ♦ Recorder History & Evolution
- ♦ Most Wanted Transportation Safety Improvements
- ♦ EDR Design Issues
  - Crash survivability
    - ♦ impact shock
    - ♦ penetration
    - ♦ crush
    - ♦ fire
    - ♦ fluid immersion
    - ♦ some statistics
- ♦ Negligible cost differential to crash protect the memory
- ♦ Overall Summary & Recommendations for EDR

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## World Class Management

**“Best Managed Mid-sized Aerospace Company”**  
*Aviation Week & Space Technology - 1998 & 1999*

**“The World’s 100 Best-Managed Companies”**  
*Industry Week - 1997, 1998, 1999 & 2000*

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