



- Designed for New and Upgraded Trainers
- Rotary and Fixed Wing Systems
- Supports Visual, Instrument, and Flight Data Capture
- Recorded Host Data Synchronized with Audio and Video
- Multiple Recorded Video Streams Available
- Selectable Aircraft Viewing Position
- Record, Stop, and Pause Functions
- Session Event Marks During Training
- Flexible Screen Windows and Sizing
- Complements ASI's IOS

# ASI'S FLIGHT BRIEF/DEBRIEF SYSTEM

## Overview

- A versatile, comprehensive and intuitive tool that provides full featured Briefing and Debriefing capabilities, improving the effectiveness and efficiency of simulator sessions
- A mature, proven ASI system that has been fielded on several fixed and rotary wing flight trainers, including:
  - Fixed Wing - E-2D and HU-25
  - Rotary Wing - HH-65 and HH-60
- Designed for new trainers and for upgrades of existing flight training systems
- Easy integration into existing trainers providing new functionality or replacement of legacy Debrief systems
- Provides the latest technology for student performance evaluation, feedback and record keeping, accelerating the accomplishment of defined training objectives
- Provides common look and operation with ASI's Instructor Operator Station

## Technology and Interfaces

- Available as a Commercial-Off-The-Shelf (COTS) ASI product
- Can be tailored for program specific requirements
- Based upon the Microsoft Visual C++.net development environment running on Windows XP
- Uses the latest in display, processing and interconnectivity technology
- Host Computer and IOS interfaces through fiber optic reflective memory or Ethernet connections
- Supports typical Information Assurance requirements
- Easily integrates with Training Management Systems for student recording keeping

## Functionality

- Allows capture of visual, instrument and flight data during a training session
- Record, Stop and Pause recordings and add Event Marks during session
- Multiple audio and video inputs are synchronized with recorded Host Computer data
  - Cockpit instruments, over-the-shoulder cameras, Moving Maps, ambient noise and communications audio and an aircraft view generated through a single channel image generator
  - Selectable aircraft views support any viewing position improving training effectiveness
- Variety of recorded video streams are available for display:
  - Cross Country Maps, Approach Maps, GCA/CCA Maps
  - Current Conditions Data and Environmental Data
  - Primary Flight Displays and other session data
- Flexible Screen Control supports multiple windows and sizing
- Large screen presentation format is available, dependent upon available facility space



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