

Frasca Debriefing Station (FDS)

Maximize Simulator Throughput by Debriefing on Economical FTDs

The Frasca Debriefing Station (FDS) is used with Frasca flight simulators to provide post-flight debriefing.

With the FDS, the Student can clearly see deviations from the norm without lengthy descriptions from the Instructor, thus making deviations self-explanatory. This is especially useful for recurrent flight training. The ability to keep personal records of previous flights allows measuring "recency of experience".

Apart from debriefing, the FDS may be used to familiarize pilots with new approaches or new airports, especially in mountainous terrain. The FDS screen can also be projected on a large display to be used in a classroom environment, further enhancing its training potential.

During the flight training session, parameters of attitude, position, various systems, camera video, environmental sounds, and voice communication are streamed to a flight data file, to be replayed later by Frasca Debriefing Station software. The data collection is invisible, except the Instructor may use "Event Markers" to bookmark interesting phases of the flight.

The Frasca Debriefing Station software runs on a separate computer station to maximize simulator availability and utilization.



Above: Frasca's Debrief Station. Below Left: Typical Debrief composite screen. Below: Visual Interface screen

Features:

- Playback controlled with standard Stop, Pause & Fast-Forward buttons & timeline slider.
- Geographical Map - identical to map during flight session. May be resized and re-centered.
- Approach profile views
- Flight Instrumentation depicted by Frasca's Computer Generated Instrumentation (CGI).
- CGI can reproduce EFIS or Engine Monitoring Systems.
- Parameter plots.
- Visual system interface allows playback of visual systems center channel.
- Chase plane view.
- Video and Audio recording and playback. One or two camera configurations available.

Contact Frasca to learn more about FDS.

