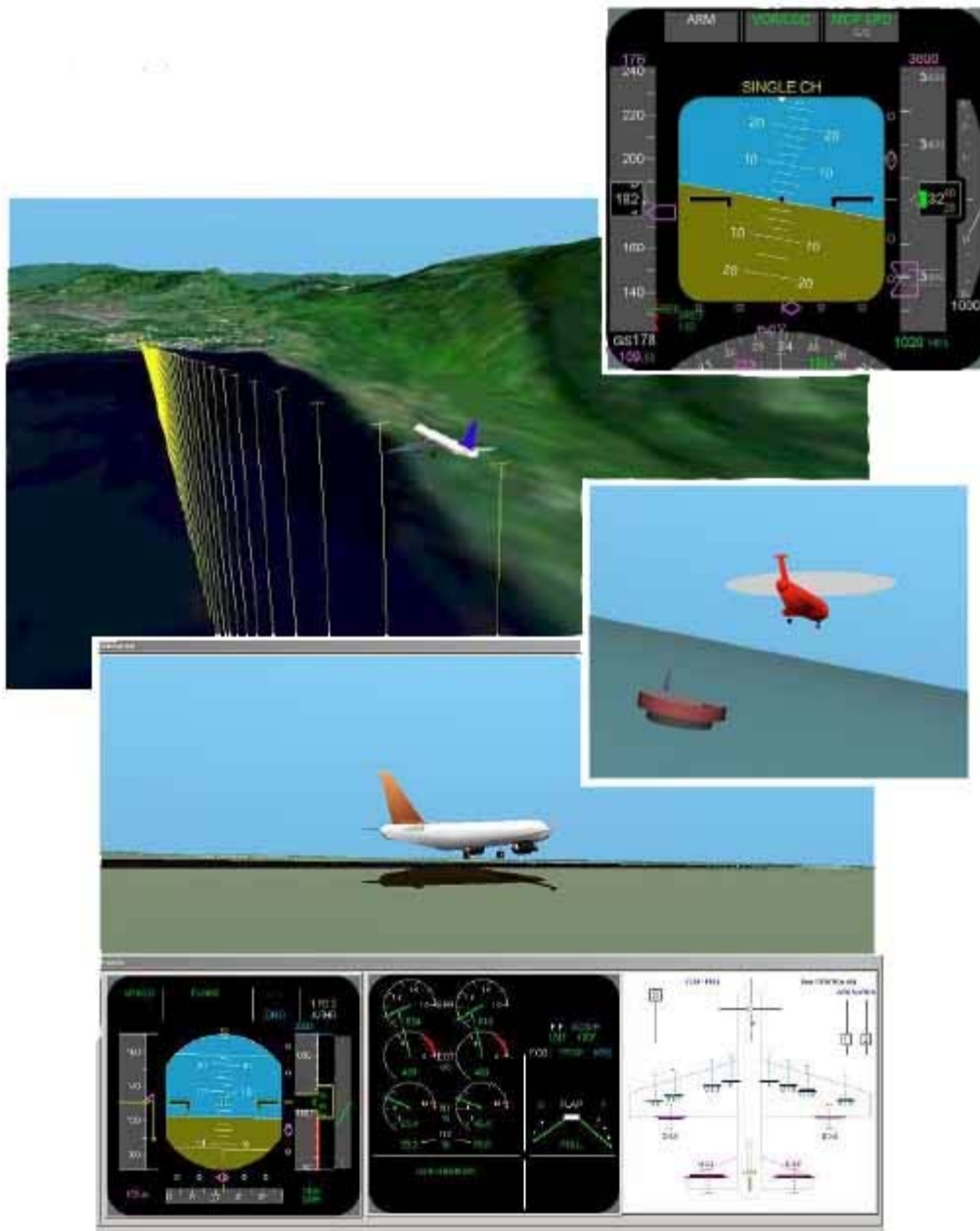


Flight Data Monitoring FDM Flight Operations Quality Assurance FOQA



Introduction

Beginning January 1st 2005, the legislation according to EU-OPS1 requires the implementation of the Flight Data monitoring (FDM) combined with the Flight Operation Quality Assurance Process (FOQA) for commercially operated aeroplanes with a maximum take-off weight of 27'000 kg and more.

Our Services

AviSwiss a Swiss company based in Switzerland specialized in providing airplane operators with an integrated solution to the task of flight data monitoring and .

Select form our services:

- Cost-efficient analyse and evaluation of your flight data performed by AviSwiss
- Frame definition of limitations and exceedences
- Establishment of the "non punitive system" process for fligth operation quality assurance
- Concept and support to evaluate the appropriate software tool for your "in house " software solution

Our support and services are designed to help you establishing the mandatory Flight Data Monitoring together with the Flight Operation Quality Assurance Process FOQA in an easy, efficient and cost-effective manner.

Several smaller Airlines and General Aviation Operators are already taking advantage of our services.

Our experienced staff can provide comprehensive support and on a requirements basis provide the services of the Flight Safety Officer (FSO). This outsourced solution will help you to establish the FOQA internal process required by your Authority on an anonymous and neutral basis.

Cost

For most operators, our service is less than the cost of an in-house system. Why not save the high initial cost for FDM- soft and hardware, time and money to train your personnel or employ analysts as well as the effort for regular data evaluation? In the meantime, you can concentrate on your core business and make money.

Please contact us for a demonstration or a comprehensive business proposal tailored to your exact requirements.

Some of the more important features of the system are listed on the following pages.

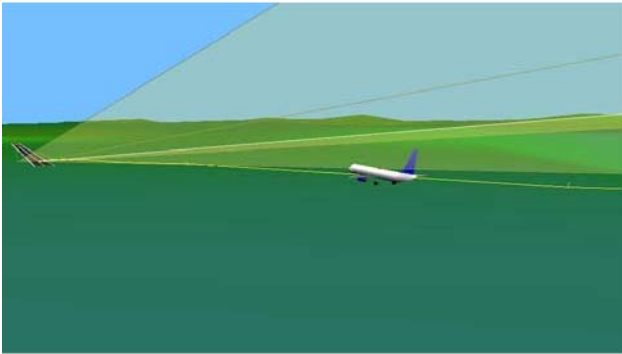
Replay & Analysis

Replay is the process by which your flight-data is loaded into the system and analysis is the process whereby events and trends are found in that data.

- supports all QAR's in common use
- supports standard deviation and other more advanced statistical functions
- supports engine-health monitoring

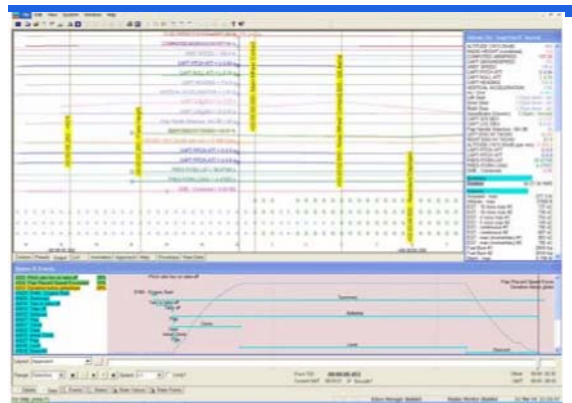
3D Animation

- based on Jeppesen airport database
- based on NOAA satellite terrain data



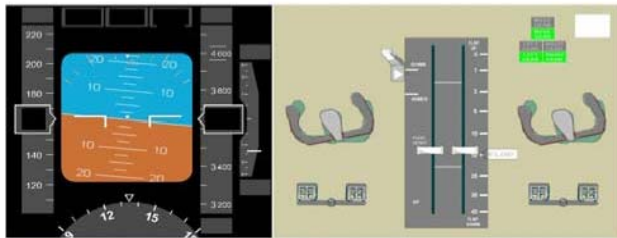
Graph, List & Raw Data

- fully configurable parameters and formats



Panels

- fully user-configurable
- shows instruments, controls, systems, etc



Map

- instant positional awareness
- configurable range and layout
- events and key points overlaid

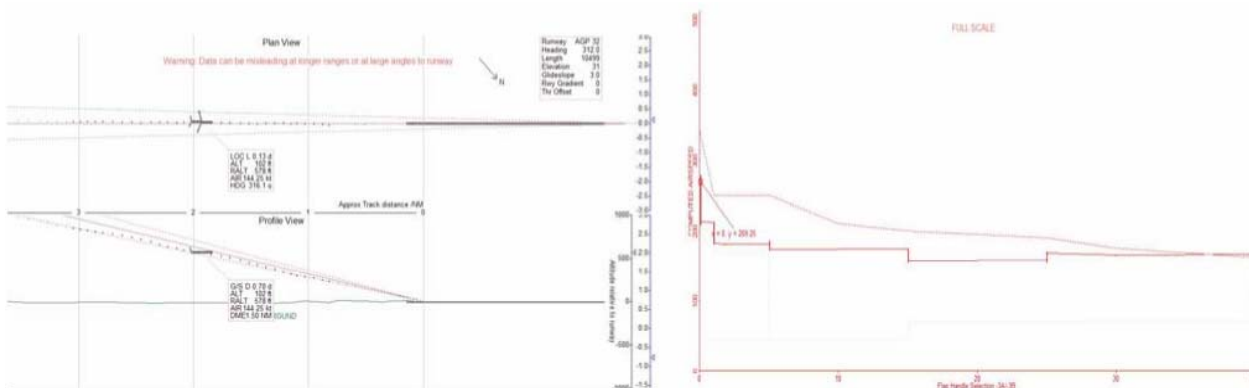


Approach

- plots path vs glideslope & localiser
- uses Jeppesen runway data
- shows wind rose

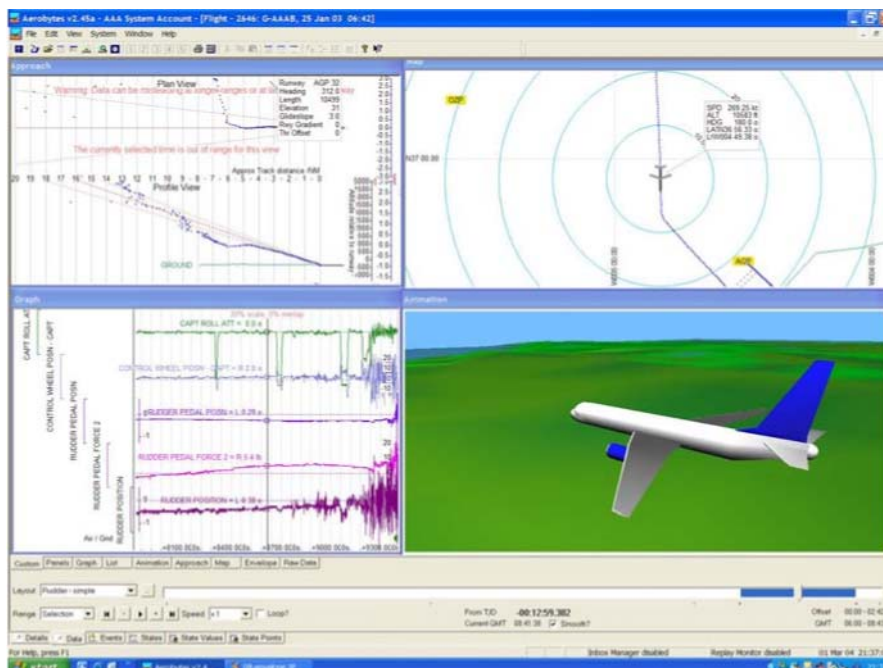
Envelope

- plots value vs value (not value vs time)
- invaluable for envelope exceedences: flap placard, EGT, Vmo, etc.

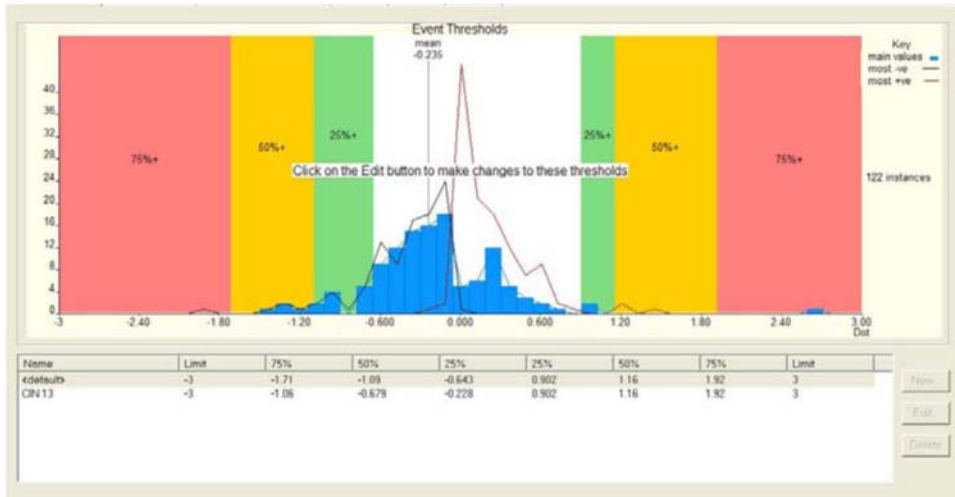


Custom

- combination any of the above views into one, configurable 'big picture'
- all views can be displayed as continuous 'video'

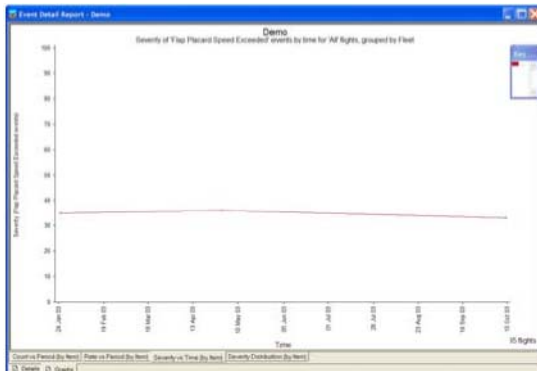


Event definitions and thresholds setting



- event definitions, detection thresholds and severity fully user-configurable

Reports

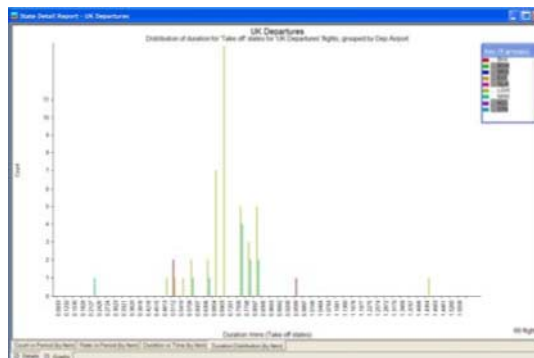


Event Detail & Summary

- fully configurable
- allows 'drill down' to flight (open flight data by drawing box around point on graph)
- count against time
- rate of occurrence against time
- distribution of severity

State Detail

- similar to Event Detail
- allows 'drill down' to flight
- allows calculation of stand times, etc



Multi Value Reports

- Combination of events in relation to certain airports, aircraft etc.

