PROBLEM

VISUALISATION AS A DEBRIEF TOOL

An aircraft of an FDS customer was on approach when the crew initiated a go-around. During the subsequent climb-phase a serious reduction in air speed had resulted in a number of stalls.

There was considerable confusion surrounding the event; the flight data was difficult to interpret and other conflicting information confused matters even further.

INVESTIGATION

On occasions like this, FDS carry out a thorough level of analysis in order to accurately identify and explain an event. In these instances FDS use their visualisation tool to provide the comprehensive information required by event investigators.
SOLUTION
FDS produced a visualisation showing the incident both from the flight instruments and from external views of the aircraft. This allowed the safety department to present the incident visually to the company management, training department and crews. Engineering investigations identified a serious control system malfunction and the visualisation highlighted the expertise of the crews in the handling of the aircraft under extreme flight conditions.

You can see the FDS visualisation at:
www.flightdataservices.com/visualisation-debrief-tool

CONCLUSION
FDS’ visualisation tool generates a clear and compelling visual presentation of flight data. It is an excellent interactive debriefing tool that enhances both training and operational efficiency.