

Press Release

30 March 2009

Egis Avia assessed the safety performance of a new function onboard AIRBUS aircraft related to the Traffic alert and Collision Avoidance System (TCAS)

To reduce the risk of mid-air collision, TCAS is mandatory worldwide onboard all civil transport aircraft since 2005. This device triggers Resolution Advisories (RA) telling the pilot the manoeuvre he has to fly in order to avoid a potential threat. However, it is observed that some of these RAs can confuse the aircrew and add to their stress level as they may contradict air traffic controllers' instructions leading to some wrong reactions.

In order to address this issue, AIRBUS is currently developing a new function, the Auto Pilot / Flight Director TCAS (AP/FD TCAS). This guidance mode aims at supporting pilots flying TCAS RAs through an automated solution.

Egis Avia has been contracted by AIRBUS to assess the effect of the introduction of this new function in the European airspace from a safety and operational point of view by comparing its performance with actual pilot reactions to RAs currently observed.



Notes:

About Egis

Subsidiary of "Caisse des Dépôts" Group with a workforce of 7,300 individuals worldwide and a 504M€ turnover in 2008, Egis is one of the world leading companies in infrastructure engineering and road, railway, air and urban transport systems including hydraulics and environment. It proposes a global offer including engineering, project deployment and infrastructures operations.

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About Egis Avia

Thanks to a 40-year experience in a demanding sector, Egis Avia is today a key expert in the Civil Aviation industry. Egis Avia offers a multifaceted expertise covering all aspects of airport, air operations and air traffic management activities. With a current workforce of 194 employees and a 28.6M€ annual turnover in 2008 Egis Avia has been, since its creation in 1969, successfully managing more than 1000 projects in 140 countries.

Egis Avia provides research and technology, consulting and engineering services, operations and turnkey solutions adapted to each client's business needs. With its unique position on the market, Egis Avia provides bespoke solutions aiming at increasing operations safety and efficiency, the compliance with international regulation and offering an optimum use of advanced technologies.

More information at www.egis-avia.fr

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