Taxi Strike Alert System

Worldwide, billions of dollars are lost each year due to commercial aircraft accidents and incidents during ground operations, of which significant portions occur during taxiing maneuvers.

To alleviate this problem and help flight crews navigate safely during taxiing operations, UTC Aerospace Systems has developed the Taxi Strike Alert System (TSAS) to detect and alert on impending collision threats with ground obstacles, including other aircraft, poles, fences and buildings.

UTC Aerospace Systems is a leading provider of sensors and systems for commercial aerospace and defense industries. Our commitment is to help our aerospace customers and partners develop and maintain safer, lighter, more reliable and more efficient aircraft. With over 100 years of innovation behind us, we excel in meeting customer needs.

Features & Benefits

• Implements fuselage mounted sensors to survey the area forward of the wingtips
• Detects obstructions in the potential collision path of the host aircraft wingtips
• Provides visual and audible alerting to the cockpit with escalation based on collision threat severity
• Leverages aircraft position, velocity and heading data to support predictive measures
• Provides all-weather, day/night performance
• Enables ease of integration as retrofit available for multiple platform types
• Supports certification to FAA/EASA supplemental type certificate

For additional information:
UTC Aerospace Systems
Sensors & Integrated Systems
14300 Judicial Road
Burnsville, MN 55306
U.S.A.
Tel: +1 952 892 4000
sis@utas.utc.com
utcaerospacesystems.com

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