

Safety Recommendation

It is recommended that the International Civil Aviation Organization review the methods by which the effectiveness of radio navigation and ground station monitors are assured.

Since the original standards for TAWS were set the industry has improved the performance and understanding of the TAWS capabilities significantly beyond the required minimum standard. Due to the significance of these improvements the major aircraft manufacturers have encompassed many of these improvements into their new deliveries. However, there are no retrofit requirements and as long as non-GPS systems are present on aircraft there is a significant potential for a CFIT accident due to a navigation error.