



TERPROM® TERRAIN AWARENESS AND WARNING SYSTEM (TAWS)

MISSION PROVEN, GPS-DENIED TERRAIN REFERENCED NAVIGATION

Meets growing demand from the military transport community

Today's aircraft must fly demanding missions safely, day and night, in all weather. Traditionally, forward-looking radar has been used to help achieve this, but as an active sensor its use can alert the enemy. The Collins TERPROM® Terrain Awareness and Warning System (TAWS) is a true tactical tool that combines a highly accurate navigation capability with a digital terrain map, providing flight safety with no forward electronic emissions.

TERPROM TAWS is a fourth generation ground proximity warning system, providing controlled flight into terrain (CFIT) protection using terrain referenced navigation, digital terrain and obstruction map databases. It provides predictive and



reactive ground collision avoidance warnings to deliver optimal CFIT protection across the entire mission envelope. This meets the requirements of TSO-C92c and TSO-C151a. TERPROM is the only TAWS specifically designed as a low level tactical system.

TERPROM can be supplied as a software suite supported by appropriate map memory storage or as a self-contained line replaceable unit (LRU).

Collins Aerospace has a respected track record as the supplier of the world's most advanced digital terrain system – TERPROM.

KEY FEATURES & BENEFITS

- Terrain referenced navigation
- Predictive ground collision avoidance system
- Obstruction warning and cueing
- Reactive GCAS
- Terrain awareness display
- Database terrain following
- Additional functionality

