MILACAS-XR
TCAS II Processor
for tanker and transport aircraft

Military Airborne Collision Avoidance System Extended Range (MILACAS-XR)
Incorporates Change 7.1 logic and hybrid surveillance to provide a 2x greater surveillance range than ETCAS, significantly reducing the risk of collision while meeting mandates for civilian airspace access.

Safety
Increases Flight Safety
Identifies all aircraft in range of surveillance of up to 100 nautical miles
• Reduces Pilot Workload
• Advisory Action Callouts

Integrates MOPS Change 7.1 Technologies
Includes safety related enhancements to TCAS and TCAS Reversals:
• Improves TCAS resolution advisory (RA) sense
• Issues RA reversals in coordinated encounters
• Updates TCAS reversal advisories for clarity

Performance
Greater Surveillance Range than ETCAS
Delivers same functions as ETCAS, plus
• Increased surveillance range to 100 nautical miles for 360° azimuth
• Improved interrogation methods
• Hybrid surveillance (automatic dependent surveillance broadcast - ADS-B)

Value
Up To 25,000 Hours
Mean Time Between Failure (MTBF)
Improved performance with lower cost of ownership

Reduced Maintenance Costs
Plug and play installation requires no aircraft modifications or changes to wiring, trays or antennas

Drop-in Replacement
Global Service and Support Network
Knowledge and resources for all service needs – whenever and wherever maintenance and repair services are required

Enables Safer Flight Formations
Formation/Rendezvous System allows aircraft operators to locate, identify, rendezvous with and maintain flight formation with other aircraft.

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