TRUST

TRAFFIC AND TERRAIN COLLISION AVOIDANCE SYSTEM

TCAS II AND TAWS FLEXIBLE ARCHITECTURE
DO-178C AND DO-254 CERTIFIABLE

LRU STATUS

DATA STATUS

EXT I/O STATUS

TOP ANT

BOT ANT

PRESS TO TEST

DATA LOADER

TRUST

TRAFFIC AND TERRAIN COLLISION AVOIDANCE SYSTEM

TRUST is an indigenously developed navigation unit that is designed to operate both in civil and military aerial platforms.

TRUST is composed of "Traffic Alert and Collision Avoidance System" (TCAS) and Terrain Avoidance and Warning System (TAWS).

TRUST functional capabilities and its modular architecture provide integration to various fixed-wing and rotary-wing platforms easily.

General Specifications
- DO-185B compatible
- ARINC 735 compatible
- ARINC 768 compatible
- TSO – C119e compatible

Interfaces
- ARINC-429 Input / Output Interface
- Discrete Input / Output Interface
- Audio Interface
- Maintenance Interface

Physical Specifications
- Dimensions (WxHxD)   : 163 mm x 195 mm x 379 mm
- Weight   : < 12.2 kg (including mounting tray)

Power Interface
- Operating Voltage   : 28 VDC (Nominal)
- Power Consumption   : 110W (Nominal)

Environmental Conditions
- Operating Temperature and Altitude: -55°C / +70°C, 55.000 ft.
- Storage Temperature   : -55°C / +85°C

Qualifications
- MIL-STD-810G
- MIL-STD-704F
- DO-160G

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