



The
SA GROUP



Terrain Awareness & Warning System For Helicopters

Helicopter Terrain Awareness & Warning System **Sandel HTAWS**

Combining TAWS expertise from thousands of installations in corporate and air-transport aircraft, and years of supplying civilian and military users with 3" and 4" primary displays, Sandel offers the ST3400H Helicopter Terrain Awareness & Warning System.

Safety on a higher level



The Sandel ST3400H Terrain Awareness and Warning System for helicopters improves the situational awareness and flight safety significantly with a number of features, including:

- ▶ Displays terrain, obstacles, flight plan and traffic overlay
- ▶ Self contained HTAWS and GPWS processor, data base and display
- ▶ Ultra high resolution 3 arc-second (300' grid) terrain
- ▶ Shows radar altitude and decision height setting
- ▶ Optional display of traffic from TCAS or TAS
- ▶ HTAWS computer and display in one integrated unit
- ▶ Can be installed in place of existing radar altimeter indicator



Terrain/Obstacles Database

- One foot vertical resolution
- Obstacles at one foot vertical resolution
- Capability for user-entered obstacles
- Power lines and towers

Features



On-Demand NVIS Mode

- Optional “On-Demand” NVIS mode
- Class B NVIS compatibility activated by pilot
- No compromises between NVIS compatibility and sunlight visibility

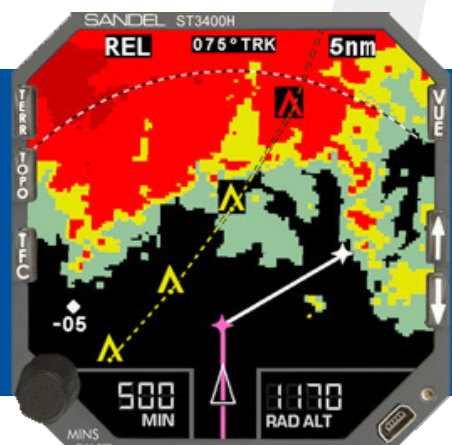
HTAWS Interfaces

Required Interfaces

- GPS
- Audio System
- Gear (If retractable)

Optional Interfaces

- Radar Altitude
- Heading
- Air Data
- Localizer



LED Backlit Display

- High resolution display w. bright color rendition
- > 10,000 hour MTBF
- Clear sunlight visibility
- 180 degree viewing angel

Complete turn-key solutions

Scandinavian Avionics provides a complete turn-key solution for your helicopter:

▶ **Equipment**

Supply of the Sandel HTAWS and other required equipment.

▶ **Certification**

Supply of existing STC or development of new STC depending on the aircraft type.

▶ **Installation**

Installation of the Sandel HTAWS solution at one of our facilities around the world or at any other EASA Part 145 approved facility.

▶ **Training**

Garmin Sandel familiarization training

If you need more information or are interested in discussing your possibilities with the Sandel HTAWS, please feel free to contact us.



Scandinavian Avionics provides complete turn-key avionics solutions, including avionics logistics and parts support, maintenance (MRO), certification, design & engineering, installation, product development, training and consultancy services with the primary business platforms being larger helicopters, corporate aircraft, regional airliners and defense electronics.

Scandinavian Avionics is the headquarters of The SA Group – an experienced avionics organization with divisions in Sweden, Norway, Greece, Malaysia, Bahrain and India. Since the foundation in Billund, Denmark in 1978, core values like quality, reliability and flexibility have been deeply rooted in the organization and are the main reasons for the excellent reputation among aircraft operators around the world today.