

## SIL 3400-03 Revision B ST3400 TAWS Service Information Letter

---

Date: 06/29/2005

Regarding: ST3400 with FreeFlight 1201 GPS Receiver in areas outside of North America

Note: This revision supercedes previous revisions of this SIL

### Reason

A Service Bulletin is now available from FreeFlight that addresses FreeFlight 1201 GPS receiver flagging in areas outside of North America causing a periodic loss of TAWS functionality.

### Applicability

Applies to Sandel part number ST3400-xxx (includes both Class A and Class B TAWS) when used in conjunction with FreeFlight 1201 GPS receiver part numbers 84100-02-0300, 84100-02-0301 or 84100-02-0302 used in areas outside of North America.

### Description

In areas outside of North America, there have been reports of FreeFlight 1201 GPS receiver flagging. In the event of a GPS flag on a Class A Sandel ST3400 installation, GPWS modes 1 – 6 operate per TSO-C92c for the purpose of complying with the GPWS requirements in 14 CFR §§ 121.360 and 135.153. The PDA and forward looking alerts, RRTC and ITI, will not be functional and this will be indicated by a large yellow “X” and “TAWS FAIL” on the display. The GPWS remains functional as long as the “GPWS FAIL” is not displayed.

Class B installations with a basic configuration (no RA, no ADC) will not have GPWS or TAWS capability with a flagged GPS unit. This is indicated by a large yellow “X” and “GPWS FAIL” on the display.

FreeFlight has issued a Service Bulletin SB 84100-02-00-03 that addresses this GPS receiver performance problem.

### Compliance

Recommended.

# SANDEL®

## **Warranty**

See FreeFlight Service Bulletin SB 84100-02-00-03.

## **Documentation**

Refer to FreeFlight Service Bulletin SB 84100-02-00-03 and Sandel ST3400 Installation Manual 82002-IM-Rev J1 or later.

**END**