

SANDEL®


ST3400 Pilot's Guide

Effectivity and Errata

Date: 06/11/2007
Applies to: ST3400 Software A3.10 / 3.07
Pilot's Guide 82002-PG-F


With the exception of the superseding information contained in this document, operation of the ST3400 is as described in the ST3400 Pilot's Guide referenced above.

Approval:



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6-11-07



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6/11/07

Changes

1. ST3400 with S/N's above 2000 are equipped with 'Mod-A' and are functionally identical with lower serial numbers with the exception that Auto-dimming is now supported.

On the Pilot's Menu press the MANUAL BRIGHTNESS softkey. The mode will switch to AUTO BRIGHTNESS. When in AUTO BRIGHTNESS, the minimum (night) brightness is adjustable using the up/down arrow keys.

The 'Mod-A' status is shown at the upper right of the Pilot's Menu.

2. Pilot Initiated Self-Test: During pilot initiated self-Test, all external annunciators are activated including optional GS OVRD, FLAP OVRD. (In prior software, only CAUT, WARN, and TAWS INH are activated).
3. Database Coverage Area: Software version A3.08 or higher includes terrain and airport database coverage to 73° N Latitude.
4. FLTA audio alerts: Software version A3.10 or higher includes selectable audio alerts for FLTA. Type A selectable alerts are "Caution, Terrain; Caution, Terrain" for caution and "Terrain, Terrain; Pull-Up, Pull-Up" for warning. Type B selectable alerts are "Terrain Ahead; Terrain Ahead" for

caution and “Terrain Ahead, Pull-Up; Terrain Ahead, Pull-Up“ for warning. These alternate alerts are configured in the maintenance setup of the ST3400 TAWS and are not pilot configurable.

Notes

1. Himalayas
When flying in the Himalayas near N27:54 E87:06 there are some terrain cells for which no data is available. These will show up as gray ‘no data’ areas on the display. If the aircraft is close enough to look-ahead into these areas the ‘X’ TAWS FAIL indication will occur until the aircraft exits the area.
2. The airport database date shown on the startup screen is the issue date plus 28 days.
3. Optional Traffic Display Interface
While on the ground, the ST3400 will not switch automatically to the TFC display mode if there is a TA. This is to prevent excessive switching of the display modes while in the presence of normal airport traffic.

Errata

Page 65: Appendix A. Optional Equipment

The annunciators ‘GS INH’ and ‘FLAPS INH’ should read ‘**GS OVRD**’ and ‘**FLAPS OVRD**’, respectively.