



****SERVICE ALERT****

500 SERIES TAWS NAVIGATION ALERT

NO.: 050523-02

STATEMENT OF REVISION FOR -02:

Data required to completely define the affected ILS approaches has been incorporated into the Jeppesen Navigation Database. As such, this alert does **not** apply when using Jeppesen Data cycle 0506 or later.

This alert supersedes all previous versions of Service Alert 050523.

AFFECTED PRODUCTS:

Garmin 500 series TAWS units with Jeppesen Data cycle 0505 and prior

Model	Garmin P/N
GPS 500 TAWS	011-00863-()
GNS 530 TAWS	011-00940-()
GNS 530A TAWS	011-00864-()

IMMEDIATE ACTION REQUIRED:

The pilot should inhibit TAWS when flying the listed Canadian ILS approaches.

DESCRIPTION OF ISSUE:

The 500 series TAWS units with Jeppesen Data cycle 0505 (and prior) issue nuisance PDA (Premature Descent Alerts) when flying ILS approaches at the Canadian locations listed in the AFFECTED LOCATIONS section of this bulletin.

The issue occurs because data needed by the TAWS algorithm is not included in the Jeppesen Database (data cycle 0505 and prior) for these specific ILS approaches. The missing information results in PDA alerts from the Final Approach Fix (FAF) to the runway.

RESOLUTION:

If using a 500 series TAWS unit with Jeppesen Data cycle 0505 or prior data cycle, the pilot should inhibit the TAWS function at the FAF waypoint when flying one of the following identified Canadian ILS approaches. Jeppesen Data cycle 0506 (effective 06/09/05) of the Jeppesen Navigation Database includes adjustments to remove this operational issue. This solution eliminates the nuisance PDA alerts for the ILS approaches at the airports in following list.

To inhibit the TAWS function, select the **TAWS** page, press the **MENU** button, and select the “**Inhibit Terrain?**” option. For installations with an external annunciator, press the “**INHB TERR**” button.

AFFECTED LOCATIONS:

AIRPORT IDENTIFIER	AIRPORT NAME, CITY NAME	ACTIVATED ILS APPROACH
CYBC	Baie Cameau, Baie Cameau, QC	RW 10
CYBL	Campbell River, Campbell River, BC	RW 11
CYEV	Zubko, Inuvik, NT	RW 05
CYHM	Hamilton, Hamilton, ON	RW 12
CYHY	Hay River, Hay River, NT	RW 31
CYKF	Kitchener Waterloo, Kitchener, ON	RW 25
CYPA	Prince Albert, Prince Albert, ON	RW 08
CYQG	Windsor, Windsor, ON	RW 25
CYQM	Greater Moncton Intl, Moncton, NB	RW 06, RW 29
CYQT	Thunder Bay, Thunder Bay, ON	RW 07
CYQY	Sidney, Sidney, NS	RW 07, RW 19
CYSB	Sudbury, Sudbury, ON	RW 22
CYSJ	Saint John, Saint John, NB	RW 23
CYTR	Trenton, Trenton, ON	RW 24
CYWK	Wabush, Wabush, NF	RW 36
CYYG	Charlottetown, Charlottetown, PE	RW 03
CYYZ	Toronto Pearson Intl, Toronto, ON	RW 33L
CYZP	Sandspit, Sandspit, BC	RW 12
CYZR	Sarnia, Sarnia, ON	RW 32
CYZT	Port Hardy, Port Hardy, BC	RW 11
CYZV	Sept Iles, Sept Iles, QC	RW 09
CYZX	Greenwood, Greenwood, NS	RW 26