



EASA Safety Information Bulletin

SIB No.: 2008-68R1
Issued: 18 December 2008

Subject: **Navigation Data (NavData) Support of FreeFlight Systems (Trimble) GPS Navigation Systems**

Ref. Publication: FreeFlight Systems Service Information Letter (SIL) FFS04 dated 7 April 2008.

Description: FreeFlight Systems published the referenced advisory document (attached as pages 3 and 4 of this bulletin) to inform dealers, service centres and customers, including owners and operators of aircraft equipped with FreeFlight Systems / Trimble GPS units, that the last database for some GPS systems would be Cycle 0813 (Effective Date December 18, 2008).

The intent of this SIB is to make all owners and operators of the affected aircraft aware that after that date, no up-to-date navigation database would be available any longer for the related (unmodified) systems, reducing their operational capabilities.

This SIB has been revised to inform all owners and operators of affected aircraft, registered in European Union Member States or associated countries, that FreeFlight Systems has recently published a number of Service Bulletins (SB), providing instructions to modify and upgrade some of the affected systems to the enlarged data base:

Affected System:	Service Bulletins:
2000 Approach	SB 81438-XX-00-15 Rev. B SB 81438-XX-34-14 Rev. A
2000 Approach Plus	SB 81438-XX-00-14 Rev. B SB 81438-XX-34-14 Rev. A
2101 Approach	SB 81439-XX-00-14 Rev. B SB 81439-XX-34-14 Rev. A
2101 Approach Plus	SB 81439-XX-00-13 Rev. B SB 81439-XX-34-14 Rev. A
2101 I/O Approach	SB 81440-XX-00-22 SB 81440-XX-34-14 Rev. A
2101 I/O Approach Plus	SB 81440-XX-00-21 SB 81440-XX-00-23 SB 81440-XX-34-14 Rev. A

These SBs contain instructions for both hardware and software upgrades.

Applicability:

All aircraft that have the following FreeFlight Systems (formerly known as Trimble) GPS systems installed:

- TNL 1000 DC
- TNL 2000/2100/3000/3100
- TNL 2000T/2100T/3000T/3100T
- TNL 2000 Approach and Approach Plus
- FreeFlight / Trimble 2101 and 2101 I/O Approach and Approach Plus

These units are known to be installed on, but not limited to, Part 23 certificated aircraft.

Contact:

For information regarding the hardware and software upgrades, contact FreeFlight Systems Technical Support, telephone +1 254 662 0000 or www.freeflightsystems.com

For any other question, contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA; E-mail: ADs@easa.europa.eu



Service Information Letter

SIL FFS04

To: FreeFlight Systems (Trimble) Dealers, Service Centers and Customers

From: FreeFlight Systems Customer Service

Subject: FreeFlight and Jeppesen to Continue NavData Support of the Approach and Approach + GPS Navigation Systems

- **TNL 2000 Approach and Approach Plus GPS Navigation System**
- **FreeFlight / Trimble 2101 and 2101 I/O Approach and Approach Plus GPS Navigation Systems**

We are pleased to announce FreeFlight and Jeppesen have found a viable solution to continue NavData support for the Approach and Approach Plus GPS Navigation systems for the foreseeable future. This solution will require hardware and software upgrades from FreeFlight, as well as new databases from Jeppesen. We will communicate in the coming months the specific details of what will be required to continue NavData services for your Approach Series GPS navigation system.

Unfortunately, the solution for the Approach models will not work for the following GPS systems:

- **TNL 1000 DC**
- **TNL 2000/2100/3000/3100**
- **TNL 2000T/2100T/3000T/3100T**

As a result, the end-of-service date holds true for these GPS systems. The last database for the non-Approach GPS systems will be Cycle 0813 (Effective Date December 18, 2008) as previously noted in Jeppesen's NavData Notice issued February 1, 2008 and FreeFlight's SIL FFS02, dated February 4, 2008.

Please contact FreeFlight Support for additional information.

FreeFlight Systems
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ORIGINAL: April 7, 2008

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