

SUPPLEMENT S13
TO THE AIRPLANE FLIGHT MANUAL
DA 42 NG
FLIGHT STREAM 510

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This Supplement to the Airplane Flight Manual is EASA approved under Approval
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0.2 RECORD OF REVISIONS

| Rev. No. | Reason | Chapter | Page(s) | Date of Revision | Approval Note | Date of Approval | Date Inserted | Signature |
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0.3 LIST OF EFFECTIVE PAGES

| Chapter | Page | Date |
|---------|----------|-------------|
| 0 | 9-S13-1 | 31 Jan 2019 |
| | 9-S13-2 | 31 Jan 2019 |
| | 9-S13-3 | 31 Jan 2019 |
| | 9-S13-4 | 31 Jan 2019 |
| | 9-S13-5 | 31 Jan 2019 |
| 1 | 9-S13-6 | 31 Jan 2019 |
| 2 | 9-S13-7 | 31 Jan 2019 |
| 3 | 9-S13-8 | 31 Jan 2019 |
| 4A | 9-S13-8 | 31 Jan 2019 |
| 4B | 9-S13-8 | 31 Jan 2019 |
| 5 | 9-S13-8 | 31 Jan 2019 |
| 6 | 9-S13-8 | 31 Jan 2019 |
| 7 | 9-S13-9 | 31 Jan 2019 |
| 8 | 9-S13-10 | 31 Jan 2019 |

0.4 TABLE OF CONTENTS

| | Page |
|--|----------|
| 1. GENERAL | 9-S13-6 |
| 2. OPERATING LIMITATIONS | 9-S13-7 |
| 3. EMERGENCY PROCEDURES | 9-S13-8 |
| 4A. NORMAL OPERATING PROCEDURES | 9-S13-8 |
| 4B. ABNORMAL OPERATING PROCEDURES | 9-S13-8 |
| 5. PERFORMANCE | 9-S13-8 |
| 6. MASS AND BALANCE / EQUIPMENT LIST | 9-S13-8 |
| 7. DESCRIPTION OF THE AIRPLANE AND ITS SYSTEMS | 9-S13-9 |
| 8. AIRPLANE HANDLING, CARE AND MAINTENANCE | 9-S13-10 |

1. GENERAL

With OÄM 42-337 the installation and operation of the Garmin Flight Stream 510 System is approved.

The Flight Stream 510 is a wireless device which is inserted into the bottom MFD card slot. It enables Bluetooth and Wi-Fi connection between a Portable Electronic Device (PED) such as a tablet or smart phone and the G1000 NXi system.

Refer to the G1000 NXi Pilot's Guide P/N 190-02526-(), latest revision, for more information regarding connecting and using portable electronic devices with the Flight Stream 510.

This Supplement is a permanent part of the AFM and must remain in the AFM at all times when the FLIGHT STREAM 510 is installed.

1.5 DEFINITIONS AND ABBREVIATIONS

| | |
|------|-----------------------------------|
| PED | Portable Electronic Device |
| EFB | Electronic Flight Bag |
| GFID | Garmin Flight Information Display |
| MFD | Multi Function Display |

2. OPERATING LIMITATIONS

Flight Stream 510

Flight Plan Transfer

- Use of the Flight Stream 510 for flight plan importing during critical phases of flight by the pilot flying is prohibited.

Data received by Portable Electronic Devices

- The PED is not approved as the sole source of information to base tactical or strategic decision making and is not approved to replace the information provided by the G1000 NXi GFID system.
- The Flight Stream 510 interface and data provided to a Portable Electronic Device (PED) is not approved to replace any installed or required aircraft display equipment, including navigation or traffic/weather display equipment. The data presented on the PED may not have the required integrity to be used as the sole source of information to base tactical or strategic decision making.

Electronic Flight Bag (EFB)

- Use of the Flight Stream 510 interface and data for the purpose of Electronic Flight Bag (EFB) applications is not approved as part of this design change. Use of any device as an EFB may require separate approvals.

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| Doc. # 7.01.16-E | Rev. 0 | 31 Jan 2019 | EASA approved | Page 9-S13-7 |
|------------------|--------|-------------|------------------|--------------|

3. EMERGENCY PROCEDURES

No change.

4A. NORMAL OPERATING PROCEDURES

No change.

4B. ABNORMAL OPERATING PROCEDURES

No change.

5. PERFORMANCE

No change.

6. MASS AND BALANCE / EQUIPMENT LIST

No change.

7. DESCRIPTION OF THE AIRPLANE AND ITS SYSTEMS

7.16 FLIGHT STREAM 510

FLIGHT STREAM 510

The Flight Stream 510 is a wireless device which is inserted into the bottom MFD card slot. It enables Bluetooth and Wi-Fi connection between a portable electronic device such as a tablet or smart phone and the G1000 NXi system. Various tasks may be accomplished through these connections, such as transferring flight plans, viewing weather information on a connected device, avionics system data logging, or transferring databases to the G1000 NXi system.

In normal operation, the Flight Stream 510 should remain inserted in the bottom MFD card slot and should only be removed for maintenance purposes. Removal of the Flight Stream 510 will result in loss of Bluetooth and Wi-Fi connections, and will interrupt any data transfer that may be occurring to or from the portable electronic device.

Refer to the G1000 NXi Pilot's Guide P/N 190-02526-(), latest revision, for more information regarding connecting and using portable electronic devices with the Flight Stream 510.

8. AIRPLANE HANDLING, CARE AND MAINTENANCE

No change.