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| Czech Sport Aircraft a.s. | SERVICE BULLETIN | Czech Sport Aircraft a.s. Na Záhonech 1177/212, 686 04 Kunovice Czech Republic office@czechsportaircraft.com |
| No. SB-SC-013 | | Rev.: 3 |
| Date: 12-02-09 | | |
| Page: 1 of 2 | | Date: 12-06-12 |

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| MODEL AFFECTED: | PS-28 Cruiser |
| SUBJECT: | Dynon EFIS D100 / EMS D120 settings and lockings |
| AIRCRAFT AFFECTED: | All PS-28 Cruiser aircraft equipped with glass cockpit |
| COMPLIANCE: | According to PS-28 Cruiser Aircraft Maintenance Manual |

DESCRIPTION:

The Service Bulletin concerns settings and lockings of the Dynon EFIS D100 / EMS D120 equipment installed on PS-28 Cruiser aircraft equipped with glass cockpit.

The procedure to be followed at the Dynon EFIS D100 / EMS D120 equipment firmware upgrade is determined as well.

REASON:

1. Prevention of an unintentional or deliberate change of the Dynon EFIS D100 / EMS D120 equipment settings.
2. Familiarization of the operator with the procedure to be followed at the Dynon EFIS D100 / EMS D120 equipment firmware upgrade.

SUBJECT:

To prevent an unintentional or deliberate change of the Dynon EFIS D100 / EMS D120 equipment settings – these settings are locked by the aircraft manufacturer before the aircraft dispatch to the operator – except of DSAB setting shown in the table below, which unlocking is necessary for the aircraft operation.

If the Dynon Avionics company upgrades the Dynon EFIS D100 / EMS D120 equipment firmware, the operator will be advised, through revision of this Bulletin, about the aircraft manufacturer approval/disapproval related to installation of this upgraded Dynon EFIS D100 / EMS D120 equipment firmware.

If necessary, locked settings can be accessible for the operator through the password. S/N of the EFIS D100 is the initial password. This password can be changed by the operator.

WARNING

Unintentional or deliberate change of the Dynon EFIS D100 / EMS D120 equipment settings without the aircraft manufacturer approval could result in airplane accident, personal injury or death

CSA STATEMENTS:

Dynon EFIS D100 and EMS D120 are certified with the PS-28 Cruiser airplane.

Dynon EFIS D100 and EMS D120 are calibrated and tested by the aircraft manufacturer.

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| EFIS D100 | |
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| Dynon Avionics firmware version | 5.4.3 |
| Czech Sport Aircraft a.s. drawing and revision | SI0921N, Rev. B |
| Czech Sport Aircraft a.s. setting according to this drawing and revision | EFIS-D100-settings-5.0 |
| DSAB | Unlocked |

| EMS D120 | |
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| Dynon firmware | 5.4.3 |
| Czech Sport Aircraft a.s. drawing and revision | SI0921N, Rev. B |
| Czech Sport Aircraft a.s. setting according to this drawing and revision | EMS-D120-settings-6.0 for Rotax 912 S2 engine; EMS-D120-settings-6.1 for Rotax 912 ULSS2 engine |

AUTHORISATION TO PERFORM:

A person authorized by the operator acquainted with Dynon equipment.

MANPOWER:

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REFERENCES:

PS-28 Cruiser/SportCruiser Maintenance Manual (CR-MM-1-0-00).
EFIS-D100 Installation Guide (P/N 100478-000, last edition).
EMS-D120 Installation Guide (P/N 100591-000, last edition).

PUBLICATIONS AFFECTED:

PS-28 Cruiser/SportCruiser Maintenance Manual (CR-MM-1-0-00).

ACCOMPLISHMENT INSTRUCTIONS:

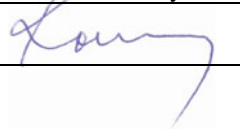

Dynon Avionics provides free firmware updates for all its products, and continues to add new features periodically. CSA will check whether latest Dynon firmware is compatible with CSA settings and upgrade this service bulletin.

Each Dynon EMS or EFIS must be individually upgraded by connecting a PC to that instrument's serial port. The HS34 also must be individually upgraded via its Serial 1 port. Firmware upgrades to EDC-D10A is performed automatically during firmware upgrades of the attached EFIS product.

1. Check Dynon Avionics web pages for the latest Dynon firmware.
2. Download last revision this bulletin from CSA web pages.
3. Check if the latest Dynon firmware is approved by the Czech Sport Aircraft a.s. for installation.
4. Download the appropriate firmware version from downloads.dynonavionics.com
5. Install software according EFIS-D100 Installation Guide.
6. Check correct function of instruments and avionics.

APPROVAL:

This SB was approved by:

| Title | Head of the Design Organisation | Airworthiness Manager |
|------------------------|---|---|
| Name | Jiří Konečný | Josef Vlachynský |
| Hand written signature |  |  |