

Software Release Notes

IFR6015 Software Version 04.21.00 Available

9/20/2023

Description

The latest released software version for the IFR6015 has changed from Version 4.19.00 to Version 4.21.00. (MKII units only - identified by the presence of MOD Strike 2 on the mod status placard.)

New Features

- None

Improvements

- Added the indication of a Military Emergency (EM) on the transponder autotest when the reply is followed by three sets of framing pulses spaced appropriately.
- Corrected the ability to perform transponder testing while the aircraft is configured for “on the ground” condition.

Errata

- None

Note: the installation of this new software does not require the IFR6015 to be recalibrated.

Download Instructions

The installation package can be downloaded here:

<https://www.viavisolutions.com/en-us/software-download/ifr6015-software>

Contact Information

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IFR6015 Software Version 04.19.00 Available

9/20/2022

Description

The latest released software version for the IFR6015 has changed from Version 04.18.00 to Version 04.19.00. (MKII units only - identified by the presence of MOD Strike 2 on the mod status placard.)

Improvements

TACAN:

- Improved UUT DME P1 and P2 pulse width measurement.

GENERAL:

- Firmware support for a new GPS Receiver component due to obsolescence.

IFR6015 Software Version 04.18.00 Available

3/18/2021

Description

The latest released software version for the IFR6015 has changed from Version 04.15.00 to Version 04.18.00. (MKII units only - identified by the presence of MOD Strike 2 on the mod status placard.)

Improvements

TACAN:

- Morse code ident feature was modified to provide proper timing of the morse code ident cycle.

XPDR:

- A provision for enabling or disabling the Discriminator test is provided in the transponder autotest.

IFR6015 Software Version 04.15.00 Available

9/29/2019

Description

The latest released software version for the IFR6015 has changed from Version 04.13.00 to Version 04.15.00. (MKII units only - identified by the presence of MOD Strike 2 on the mod status placard.)

Improvements

General:

- Remote commands :ADSB:CPR:LONG and :ADSB:CPR:LAT was fixed.

XPDR:

- Fixed an anomaly where on a 'NO REPLY' is returned when the UUT Address is set to Manual Address.

TCAS:

- UUT ALT was displaying incorrect data for altitudes greater than 32750ft.

IFR6015 Software Version 02.13.00 Available

8/14/2016

Description

The latest released software version for the IFR6015 has changed from Version 02.09.00 to Version 02.13.00. (MKI units only - identified by the presence of MOD Strike 1 and below but not mod strike 2 on the mod status placard.)

New Features

General:

-Added ADSB Integrity option.

Improvements

-On AC20-165 test, the test status was corrected to display "BAD SETUP" if the MOPS Version is earlier than DO-260B.

-Remote command "ADSB:GICB:BD61:ST2:DATA?" was causing the test set to reboot.

-Pressing the "BKLT" button in "ADSB-ADSB STORE DATA" screen locked up the unit

-Corrected handling of loss when direct port with coupler is selected.

-Addressed an issue where a UUT that is set to 'Ground' fails after successfully testing another UUT with a different Mode S address.

-When Type Code 0 does not have altitude, the squitter is displayed as a Surface Position squitter until BDS Register 6,5 subtype code is received

to determine if the UUT is in 'Air' or on 'Ground'.

-Addressed an issue where a 'Pass' is displayed in AC 20-165 test when no data is present.

DME:

-Corrected handling of loss when direct port with coupler is selected.

XPDR:

- Addressed issue where Mode S All-call and reply ratio fails when the UUT is set to ground.
- Corrected tail country code for Argentina
- Addressed an issue where a 'PASS' is displayed in XPDR-S REPLY test when a UUT that is set to 'Air' does not have SQTR and DIVERSITY ISOLATION data present.
- Fixed truncated tail number for Republic of Korea.

XPDR DIAG:

- Improved percent reply measurement.
- Fixed the reboot issue in XPDR DIAGNOSTICS when the SLS is +3 dB for direct and direct with coupler.

ALT ENCODER:

General:

TCAS:

TIS:

TACAN: (6015 only)

- Corrected handling of loss when direct port with coupler is selected

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<https://www.viavisolutions.com/en-us/literature/ifr6015-software-release-notes-software-firmware-releases-en.pdf>

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