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Blaze Instruments Firmware Revisions  
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AHRS-2/MAG-2 Firmware Revision  
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Version 1.10 25/05/2022 (Franz Lamers)

-----  
Enhancement: Added a vertical card compass display

Version 1.09 09/11/2021 (Franz Lamers)

-----  
Enhancement: Added a pitch and bank zero function to the horizon setup menu

Version 1.08 24/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.07 12/11/2020 (Franz Lamers)

-----  
Enhancement: Added Heading bug user input  
Enhancement: Added SP-7 attitude CAN message emulation  
Enhancement: Added CAN packet filtering  
Bug: Fixed CAN/INT AHRS speed message mph reading km/h  
Bug: Fixed heading bug not showing if below 50 degrees and heading is <=359 degrees

Version 1.06 17/06/2020 (Franz Lamers)

-----  
Enhancement: Updated WMM tables

Version 1.05 18/05/2020 (Franz Lamers)

-----  
Bug: Fixed km/h and knots GPS speed to AHRS aiding

Version 1.04 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: Added support for a new screen controller  
Enhancement: General clean up

Version 1.03 18/10/2019 (Franz Lamers)

-----  
Bug: Fixed MAG-2 to be able to display GPS pages  
Bug: Fixed GPS SOG: nm to kts

Version 1.02 26/09/2019 (Franz Lamers)

-----  
Enhancement: Added GPS display on/off menu item

Version 1.01 25/07/2019 (Franz Lamers)

-----  
Enhancement: Added GPS info display  
Enhancement: Added auto/manual magnetic variation to compass (Has to have an external NMEA GPS for auto magnetic variation calculation)

Version 1.00 06/02/2018 (Franz Lamers)

-----  
Initial release

=====  
AHRS-4 Firmware Revision  
=====

Version 1.08 25/05/2022 (Franz Lamers)

-----  
Enhancement: Added a vertical card compass display

Version 1.07 09/11/2021 (Franz Lamers)

-----  
Enhancement: Added a pitch and bank zero function to the horizon setup menu

Version 1.06 24/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.05 12/11/2020 (Franz Lamers)

-----  
Enhancement: Added Heading bug user input  
Enhancement: Added SP-7 attitude CAN message emulation  
Enhancement: Added CAN packet filtering  
Bug: Fixed CAN/INT AHRS speed message mph reading km/h  
Bug: Fixed heading bug not showing if below 50 degrees and heading is <=359 degrees

Version 1.04 17/06/2020 (Franz Lamers)

-----  
Enhancement: Updated WMM tables

Version 1.03 18/05/2020 (Franz Lamers)

-----  
Bug: Fixed km/h and knots GPS speed to AHRS aiding

Version 1.02 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: Added support for a new screen controller  
Enhancement: General clean up

Version 1.01 18/10/2019 (Franz Lamers)

-----  
Bug: Fixed GPS SOG: nm to kts

Version 1.00 27/08/2019 (Franz Lamers)

-----  
Initial release

=====  
AIRDATA-1 Firmware Revision  
=====

Version 1.05 18/07/2023 (Franz Lamers)

-----  
Enhancement: Added a decimal point to the airspeed

Version 1.04 21/05/2022 (Franz Lamers)  
-----

Enhancement: Added altitude corrected to local pressure and local pressure to the infiniteq comms protocol

Version 1.03 25/04/2022 (Franz Lamers)  
-----

Enhancement: Added VSI Scale

Version 1.02 24/05/2021 (Franz Lamers)  
-----

Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.01 23/03/2021 (Franz Lamers)  
-----

Bug: Fixed calibration date not showing in the calibration menu with certain sensors

Version 1.00 21/10/2020 (Franz Lamers)  
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Initial release

=====  
ALT-6 Firmware Revision  
=====

Version 1.12 22/05/2024 (Franz Lamers)  
-----

Enhancement: Added relative and deviation altitude mode to the classic display screen

Version 1.11 20/05/2022 (Franz Lamers)  
-----

Enhancement: Added altitude corrected to local pressure and local pressure to the infiniteq comms protocol

Version 1.10 11/04/2022 (Franz Lamers)  
-----

Enhancement: Added in an alarm menu option to select between "deviation" and "level"

Bug: Fixed items in Altitude calibration menu not highlighting

Version 1.09 10/05/2021 (Franz Lamers)  
-----

Enhancement: Cleaned up mechanical wheels negative altitude scrolling

Version 1.08 02/05/2021 (Franz Lamers)  
-----

Enhancement: Implemented an altitude deviation alarm

Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.07 26/08/2020 (Franz Lamers)

-----  
Enhancement: Added support for a new altitude pressure sensor

Version 1.06 01/06/2020 (Franz Lamers)  
-----

Enhancement: Added a temperature compensation function for the altimeter

Version 1.05 18/05/2020 (Franz Lamers)  
-----

Enhancement: Added a factory altitude calibration function

Bug: Fixed the VSI m/s scale showing the incorrect value

Version 1.04 20/04/2020 (Franz Lamers)  
-----

Enhancement: Added support for a new altitude pressure sensor

Enhancement: Added in infiniteq serial protocol

Enhancement: General clean up

Version 1.03 07/08/2019 (Franz Lamers)  
-----

Enhancement: Simplified the altitude calibration

Enhancement: Enabled altitude FIFO buffer moving average

Version 1.02 08/06/2019 (Franz Lamers)  
-----

Enhancement: Changed Baro setting to 946/1050mb (28.00/31.00)

Enhancement: Change Baro IN to "Hg"

Version 1.01 11/10/2018 (Franz Lamers)  
-----

Enhancement: Added a piecewise altitude calibration factors

Version 1.00 07/04/2018 (Franz Lamers)  
-----

Initial release

=====  
ALT-7 Firmware Revision  
=====

Version 1.12 22/05/2024 (Franz Lamers)  
-----

Enhancement: Added relative and deviation altitude mode to the classic display screen

Version 1.11 20/05/2022 (Franz Lamers)  
-----

Enhancement: Added altitude corrected to local pressure and local pressure to the infiniteq comms protocol

Version 1.10 11/04/2022 (Franz Lamers)  
-----

Enhancement: Added in an alarm menu option to select between "deviation" and "level"

Bug: Fixed items in Altitude calibration menu not highlighting

Version 1.09 10/05/2021 (Franz Lamers)

-----  
Enhancement: Cleaned up mechanical wheels negative altitude scrolling

Version 1.08 02/05/2021 (Franz Lamers)  
-----

Enhancement: Implemented an altitude deviation alarm  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.07 26/08/2020 (Franz Lamers)  
-----

Enhancement: Added support for a new altitude pressure sensor

Version 1.06 01/06/2020 (Franz Lamers)  
-----

Enhancement: Added a temperature compensation function for the altimeter

Version 1.05 18/05/2020 (Franz Lamers)  
-----

Enhancement: Added a factory altitude calibration function  
Bug: Fixed the VSI m/s scale showing the incorrect value

Version 1.04 20/04/2020 (Franz Lamers)  
-----

Enhancement: Added support for a new altitude pressure sensor  
Enhancement: Added in infiniteq serial protocol  
Enhancement: General clean up

Version 1.03 07/08/2019 (Franz Lamers)  
-----

Enhancement: Simplified the altitude calibration  
Enhancement: Enabled altitude FIFO buffer moving average

Version 1.02 08/06/2019 (Franz Lamers)  
-----

Enhancement: Changed Baro setting to 946/1050mb (28.00/31.00)  
Enhancement: Change Baro IN to "Hg"

Version 1.01 11/10/2018 (Franz Lamers)  
-----

Enhancement: Added a piecewise altitude calibration factors

Version 1.00 07/04/2018 (Franz Lamers)  
-----

Initial release

=====  
ASI-5 Firmware Revision  
=====

Version 1.08 28/11/2021 (Franz Lamers)  
-----

Bug: Fixed airspeed max value

Version 1.07 17/07/2021 (Franz Lamers)  
-----

Enhancement: Added in an analog dial display and menu option

Version 1.06 24/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.05 17/11/2020 (Franz Lamers)

-----  
Enhancement: Added support for new pressure sensor

Version 1.04 21/09/2020 (Franz Lamers)

-----  
Enhancement: Improved accuracy of airspeed sensor 3 (Set ASI CAL to 100% if ASI sensor is 3)

Version 1.03 24/05/2020 (Franz Lamers)

-----  
Enhancement: Improved accuracy of airspeed sensor 2

Version 1.02 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: Added a flight log  
Enhancement: General clean up

Version 1.01 02/03/2020 (Franz Lamers)

-----  
Enhancement: Support added for the digital airspeed sensor  
Enhancement: Support added for the digital high speed sensor  
Enhancement: Changed the minimum airspeed to 20mph

Version 1.00 28/03/2018 (Franz Lamers)

-----  
Initial release

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### ASV-2 Firmware Revision

=====

Version 1.16 08/06/2022 (Franz Lamers)

-----  
Enhancement: Added airspeed and altitude tape with tape selection

Version 1.15 20/05/2022 (Franz Lamers)

-----  
Enhancement: Added altitude corrected to local pressure and local pressure to the infiniteq comms protocol

Version 1.14 28/11/2021 (Franz Lamers)

-----  
Bug: Fixed airspeed max value

Version 1.13 24/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.12 17/11/2020 (Franz Lamers)

-----  
Enhancement: Added support for new airspeed pressure sensor

Version 1.11 21/10/2020 (Franz Lamers)

-----  
Enhancement: Improved accuracy of airspeed sensor 3 (Set ASI CAL to 100% if ASI sensor is 3)

Version 1.10 26/08/2020 (Franz Lamers)

-----  
Enhancement: Added support for a new altitude pressure sensor

Version 1.09 01/06/2020 (Franz Lamers)

-----  
Enhancement: Added a temperature compensation function for the altimeter

Version 1.08 18/05/2020 (Franz Lamers)

-----  
Enhancement: Added a factory altitude calibration function  
Enhancement: Improved accuracy of airspeed sensor 2

Version 1.07 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added support for a new altitude pressure sensor  
Enhancement: Added in infiniteq serial protocol  
Enhancement: Added a flight log  
Enhancement: General clean up

Version 1.06 03/04/2020 (Franz Lamers)

-----  
Enhancement: Added support for a new altitude pressure sensor  
Enhancement: Added in infiniteq serial protocol  
Enhancement: Added a flight log

Version 1.05 10/02/2020 (Franz Lamers)

-----  
Enhancement: Support added for the digital high speed sensor

Version 1.04 03/02/2020 (Franz Lamers)

-----  
Enhancement: Support added for the digital airspeed sensor  
Enhancement: Changed the minimum airspeed to 20mph

Version 1.03 07/08/2019 (Franz Lamers)

-----  
Enhancement: Simplified the altitude calibration  
Enhancement: Enabled altitude FIFO buffer moving average

Version 1.02 08/06/2019 (Franz Lamers)

-----  
Enhancement: Changed Baro setting to 946/1050mb (28.00/31.00)  
Enhancement: Change Baro IN to "Hg

Version 1.01 11/10/2018 (Franz Lamers)

-----  
Enhancement: Added a piecewise altitude calibration factors

Version 1.00 28/03/2018 (Franz Lamers)

-----  
Initial release

=====  
EMS-2 Firmware Revision  
=====

Version 1.26 09/03/2025 (Franz Lamers)

-----  
Enhancement: Made the label programmeble for CHT

Version 1.25 25/11/2024 (Franz Lamers)

-----  
Enhancement: Added messages for the Rotax 915iS engine

Version 1.24 22/02/2023 (Franz Lamers)

-----  
Enhancement: Added a Generic Analog input option with a programmable label, unit and decimal point  
\*\*\* Must load default settings \*\*\*

Version 1.23 06/02/2023 (Franz Lamers)

-----  
Enhancement: Improved the accuracy of the pressure and temperature sensors when using the internal electronics  
Enhancement: Added extra warning message for UL Power turbo engines

Version 1.22 15/11/2022 (Franz Lamers)

-----  
Enhancement: Improved the accuracy of the pressure and temperature sensors when using the RDAC

Version 1.21 20/09/2022 (Franz Lamers)

-----  
Bug: Fixed fuel level going to zero when entering calculated fuel level for the first time and not adjusting the value and just pressing "DONE"

Version 1.20 16/08/2022 (Franz Lamers)

-----  
Enhancement: Made the calculated fuel tank work from the UL Power fuel flow  
Bug: Fixed the Gallons conversion when using the Rotax 912is fuel flow with direct connection  
Enhancement: Shuffled the calculated fuel tank menu items around  
Bug: Fixed the fuel tank not having the multiplier in the calculated fuel tank menu when using gallons  
Bug: Cleaned up calc fuel level analog bar scrolling (manual & auto)

Version 1.19 22/06/2022 (Franz Lamers)

-----  
Enhancement: Added a calculated fuel tank

Version 1.18 18/11/2021 (Franz Lamers)

-----  
Enhancement: Added in a direct connection option to the Rotax 912iS ECU  
Enhancement: Menu changes for the Rotax 912iS and UL Power

Version 1.17 02/09/2021 (Franz Lamers)



-----  
Enhancement: Changed the hobbs minutes in the communication output to normal minutes

Version 1.16 11/06/2021 (Franz Lamers)

-----  
Bug: Fixed EGT/CHT display when using ULPower AUX box

Version 1.15 22/04/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Bug: Fixed Rotax 912is Throttle position, ambient pressure, ECU hours, Engine hours

Version 1.14 26/03/2021 (Franz Lamers)

-----  
Enhancement: Made an automatic/manual menu item selection for the displaying of the analog channels/Volts/Map/Current section

Enhancement: Cleaned up the volts on/off, numeric and bargraph displays

Version 1.13 04/03/2021 (Franz Lamers)

-----  
Bug: Fixed CJC showing degree F in the calibration menu

Version 1.12 16/10/2020 (Franz Lamers)

-----  
Enhancement: Added selection for decimal or normal hours to Hobbs Meter

Version 1.11 25/08/2020 (Franz Lamers)

-----  
Enhancement: Enabled Rotax 912is engine and warning messages

Enhancement: Enabled Rotax 912is throttle bar graph

Bug: Fixed UL Power Fuel Pressure alarm

Bug: Fixed UL Power Oil/Fuel Pressure bar to psi resolution

Version 1.10 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added Hobbs/Maintenance start selection

Enhancement: General clean up

Version 1.09 14/02/2020 (Franz Lamers)

-----  
Enhancement: Added UMA senders N1EU70, T1EU70, N1EU70A, T1EU70A, N1EU150, T1EU150

Version 1.08 30/01/2020 (Franz Lamers)

-----  
Bug: Fixed the fuel pressure voltage UMA N1EU07/T1EU07 Bar unit

Enhancement: Added the UL Power Sync sensor fault message

Enhancement: Added support for the UL Power Aux box

Enhancement: Changed UL Power ignition status version 0 to latest version doc

Enhancement: Changed UL Power MAP Pressure version 0 to latest version doc

Enhancement: The current ADC values show when menu selection is over the zero and gain menu options

Enhancement: Changed default current gain from 140 to 315

Version 1.07 25/09/2019 (Franz Lamers)

-----  
Bug: Fixed the minimum volts causing a max values CRC error

Version 1.06 05/08/2019 (Franz Lamers)

-----  
Bug: Fixed CH3 and CH4 ADC values not displaying when NTC is selected for TC Channels

Version 1.05 08/07/2019 (Franz Lamers)

-----  
Bug: Fixed RDAC current calibration resolution when under 10A  
Bug: Made Analog Channels 3 and 4 = off when NTC is selected for CHT Channels

Version 1.04 10/03/2019 (Franz Lamers)

-----  
Enhancement: Enabled the UL Power ECU

Version 1.03 04/02/2019 (Franz Lamers)

-----  
Bug: Fixed fuel level averaging bug when using more than 1 tank  
Bug: Fixed leap year time issue  
Enhancement: Changed Fuel Level RDAC inputs to Channel 1->4

Version 1.02 16/11/2018 (Franz Lamers)

-----  
Bug: Fixed the ADC Value display in the USER menus  
Enhancement: Added in a fuel level channel to the analog channels  
Enhancement: Added in flight start selection between RPM1/RPM2 (Start for Hobbs/maintenance timer)  
Enhancement: Support added for the Rotax 912iS CAN unit  
Enhancement: Support added for the UL Power engine using the RS232 protocol  
Enhancement: Increased MAP Cal band to 75  
Enhancement: Serial out analog pressure unit is set to 0.1psi  
Enhancement: Added fuel flow

Version 1.01 16/11/2018 (Franz Lamers)

-----  
Bug: Fixed the CHT been to low on the display when no EGTs are shown  
Enhancement: Removed the vertical silver line if only CHTs are selected  
Enhancement: Moved the temperature unit if only CHTs or EGTS are selected

Version 1.00 28/09/2018 (Franz Lamers)

-----  
Initial release

=====  
FF-5 Firmware Revision

=====  
Version 1.04 24/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.03 28/05/2020 (Franz Lamers)

-----  
Bug: Fixed manual speed entry if Tank1 and Tank2 set to sender  
Bug: Fixed initial loading of fuel tank level when manually entering a fuel level

Version 1.02 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: General clean up

Version 1.01 30/01/2020 (Franz Lamers)  
-----

Bug: Fixed the fuel pressure voltage UMA N1EU07/T1EU07 Bar unit

Version 1.00 12/04/2018 (Franz Lamers)  
-----

Initial release

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### FLIGHT-3 Firmware Revision

=====

Version 1.08 20/09/2022 (Franz Lamers)  
-----

Bug: Fixed fuel level going to zero when entering calculated fuel level for the first time and not adjusting the value and just pressing "DONE"

Version 1.07 20/05/2022 (Franz Lamers)  
-----

Enhancement: Added altitude corrected to local pressure and local pressure to the infiniteq comms protocol

Version 1.06 28/11/2021 (Franz Lamers)  
-----

Bug: Fixed airspeed max value

Version 1.05 02/09/2021 (Franz Lamers)  
-----

Enhancement: Changed the hobbs minutes in the communication output to normal minutes

Version 1.04 24/05/2021 (Franz Lamers)  
-----

Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.03 17/11/2020 (Franz Lamers)  
-----

Enhancement: Added support for new airspeed pressure sensor

Version 1.02 21/10/2020 (Franz Lamers)  
-----

Enhancement: Added support for a new altitude pressure sensor

Enhancement: Increased filtering of the Volts value

Enhancement: Increased filtering of the Current value

Enhancement: Increased filtering of the OAT value

Version 1.01 16/10/2020 (Franz Lamers)  
-----

Enhancement: Added selection for decimal or normal hours to Hobbs Meter

Enhancement: Improved accuracy of airspeed sensor 3 (Set ASI CAL to 100% if ASI sensor is 3)

Version 1.00 07/05/2020 (Franz Lamers)

-----  
Initial release

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INFO-2 Firmware Revision

=====

Version 1.14 16/08/2022 (Franz Lamers)

-----  
Enhancement: Added a 30 second delay (debounce) to the flight timer digital input to recognise start/stop of flights

Version 1.13 10/08/2022 (Franz Lamers)

-----  
Enhancement: Improved the rotating/selection of the main display screen

Version 1.12 27/03/2022 (Franz Lamers)

-----  
Bug: Extended the G-force dial 10G/-8G low alarm to -8G

Version 1.11 29/09/2021 (Franz Lamers)

-----  
Enhancement: Changed the G-force setup menu text  
Enhancement: Improved the G-force calibration method

Version 1.10 19/05/2021 (Franz Lamers)

-----  
Enhancement: Increased filter for slip indicator  
Enhancement: Increased filter for volts  
Enhancement: Increased filter for temperature  
Enhancement: Increased filter for current  
Enhancement: Removed split seconds on stop watch  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.09 17/06/2020 (Franz Lamers)

-----  
Enhancement: Updated WMM tables

Version 1.08 20/04/2020 (Franz Lamers)

-----  
Enhancement: General clean up

Version 1.07 14/04/2020 (Franz Lamers)

-----  
Enhancement: Added +9G/-6G & +10G/-8G G-Force scale  
Enhancement: Added colored alarm and caution boxes around G-Force and G-Force max min values  
Enhancement: Added caution and alarm colored ticks to the G-Meter display  
Enhancement: Changed High and Low alarm on/off to Caution/High

Version 1.06 29/1/2020 (Franz Lamers)

-----  
Bug: Fixed the current gain readout in the current menu when <10A  
Enhancement: The current ADC values show when menu selection is over the zero and gain menu options

Enhancement: Changed default current gain from 140 to 315

Version 1.05 18/09/2019 (Franz Lamers)

-----  
Enhancement: Added GPS info displays and menus  
Bug: Fixed the minimum volts causing a max values CRC error  
Enhancement: Added a dual G-Force meter scale (+5G/-3G and +10G/-6G)  
Enhancement: Automatically syncs time from GPS when a valid fix has been achieved

Version 1.04 11/09/2019 (Franz Lamers)

-----  
Bug: Fixed the lightning charge bolt graphic to turn on >0A and not at 1A

Version 1.03 23/08/2019 (Franz Lamers)

-----  
Enhancement: Added a new G-Meter display plus new G-force menu items  
Enhancement: Added communications and related menu items

Version 1.02 09/05/2019 (Franz Lamers)

-----  
Bug: Fixed the slip indicator ball showing the incorrect direction

Version 1.01 11/02/2019 (Franz Lamers)

-----  
Bug: Fixed leap year time issue

Version 1.00 29/03/2018 (Franz Lamers)

-----  
Initial release

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#### MAP-4 Firmware Revision

=====

Version 1.05 20/09/2022 (Franz Lamers)

-----  
Enhancement: Changed the pulses/rev to 2 decimal places  
Enhancement: Improved pressure accuracy

Version 1.04 02/09/2021 (Franz Lamers)

-----  
Enhancement: Changed the hobbs minutes in the communication output to normal minutes

Version 1.03 24/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.02 16/10/2020 (Franz Lamers)

-----  
Enhancement: Added selection for decimal or normal hours to Hobbs Meter

Version 1.01 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: Added a flight log

Enhancement: Added Hobbs/Maintenance start selection  
Enhancement: General clean up

Version 1.00 11/04/2018 (Franz Lamers)

-----  
Initial release

=====  
RPM-2 Firmware Revision  
=====

Version 1.07 23/05/2022 (Franz Lamers)

-----  
Enhancement: Changed the pulses/rev to 2 decimal places

Version 1.06 02/09/2021 (Franz Lamers)

-----  
Enhancement: Changed the hobbs minutes in the communication output to normal minutes

Version 1.05 12/04/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.04 13/10/2020 (Franz Lamers)

-----  
Enhancement: Added selection for decimal or normal hours to Hobbs Meter

Version 1.03 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: Added a flight log  
Enhancement: Added Hobbs/Maintenance start selection  
Enhancement: General clean up

Version 1.02 11/11/2018 (Franz Lamers)

-----  
Enhancement: Added in 2 Engine/Rotor display screens  
Enhancement: Added in Engine/Rotor left/right selection  
Enhancement: Added in flight start selection between RPM1/RPM2, Engine/Rotor (Start for Hobbs/maintenance timer)

Version 1.01 08/09/2018 (Franz Lamers)

-----  
Enhancement: Improved the Rotor/RPM screen

Version 1.00 09/04/2018 (Franz Lamers)

-----  
Initial release

=====  
TC-5 Firmware Revision  
=====

Version 1.03 12/04/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.02 04/03/2021 (Franz Lamers)

-----  
Bug: Fixed CJC showing degree F in the calibration menu

Version 1.01 29/03/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: General clean up

Version 1.00 23/04/2018 (Franz Lamers)

-----  
Initial release

=====

TC-6 Firmware Revision

=====

Version 1.03 18/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.02 04/03/2021 (Franz Lamers)

-----  
Bug: Fixed CJC showing degree F in the calibration menu

Version 1.01 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: General clean up

Version 1.00 24/04/2018 (Franz Lamers)

-----  
Initial release

=====

TP-4 Firmware Revision

=====

Version 1.08 04/09/2023 (Franz Lamers)

-----  
Bug: Fixed analog communication type 4 onwards

Version 1.07 05/03/2023 (Franz Lamers)

-----  
\*\*\* Must load default settings \*\*\*  
Enhancement: Added in a fuel level channel to the analog channels  
Enhancement: Added a Generic Analog input option with a programmable label, unit and decimal point to the analog channels

Version 1.06 24/05/2021 (Franz Lamers)

-----  
Enhancement: Changed backlight increment to 5% and 1% below 10%. Added backlight % readout

Version 1.05 20/04/2020 (Franz Lamers)

-----  
Enhancement: Added in serial communications  
Enhancement: General clean up

Version 1.04 14/02/2020 (Franz Lamers)

-----  
Enhancement: Added UMA senders N1EU70, T1EU70, N1EU70A, T1EU70A, N1EU150, T1EU150

Version 1.03 03/02/2020 (Franz Lamers)

-----  
Bug: Fixed the pressure voltage UMA N1EU07/T1EU07 Bar unit  
Enhancement: The current ADC values show when menu selection is over the zero and gain menu options  
Enhancement: Changed default current gain from 100 to 315

Version 1.02 18/09/2019 (Franz Lamers)

-----  
Bug: Fixed the minimum volts causing a max values CRC error

Version 1.01 16/10/2018 (Franz Lamers)

-----  
Bug: Fixed the LM335 cal factor when loading default settings

Version 1.00 26/06/2018 (Franz Lamers)

-----  
Initial release