G2 - G3 - G4 Configuration Screens

1

G4 Insight
GRAPHIC ENGINE MONITOR

REGISTRATION CONFIG

1) REGISTATION: TAIL#
2) TYPE: OF PLANE
3) MODEL: OF PLANE
4) ENGINE :
5) OWNER:
6) PHONE:
7) CELL:
8) FACTORY DEFAULTS:

SAVE CONFIG: YES

PG   SD DATA CARD   SEL

1) REGISTRATION CONFIG
Registration screen is for describing aircraft accurately in data logging and also Reset the G23-4 to factory defaults.
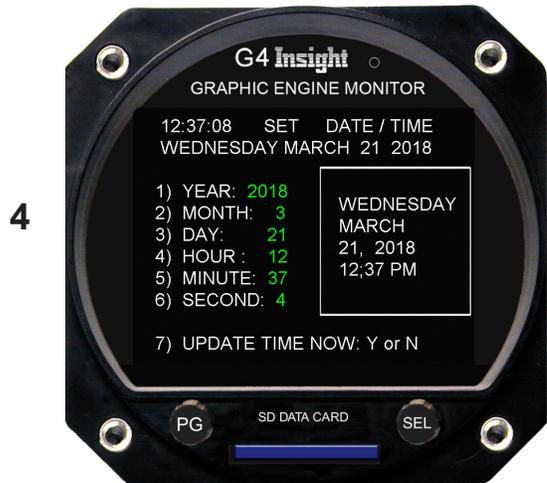
2

G4 Insight
GRAPHIC ENGINE MONITOR

GENERAL INFORMATION PAGE

29.2MP 29.3   946 RPM   0
12.7 VDC   13.7 GPH1   2.1GPH2
7F6FZERO502OAT   815CJC
E49F   9V   9.1 VOLTS
B4B0   MP B4CF
80A3X   828AY   8D71Z
2605X   2118Y   9327Z
2CBC OP 7F67
0000   CT 2538   CPU   37.9 F

PG   SD DATA CARD   SEL

2) GENERAL INFORMATION
General Info screen is for raw measurement for diagnostics of the G23-4 only. (Read Only Screen)

3

G4 Insight
GRAPHIC ENGINE MONITOR

ENGINE CONFIGURATION

1) ENGINE MAX HP: 000
2) MP @ MAX HP: 00.0
3) RPM @ MAX HP: 0000
4) ENGINE CYL: 4 6
5) ENGINE TURBO: 0 1 2 1B 2B
6) FUEL: INJECTED CARB PCARB
7) MAXIMUM FUEL (GAL): 000

8) SAVE CONFIG: Y or N

PG   SD DATA CARD   SEL

3) ENGINE CONFIGURATION
Engine Configuration screen is for setting up the engine info so the G23-4 works correctly for that airplane.

4

G4 Insight
GRAPHIC ENGINE MONITOR

12:37:08   SET   DATE / TIME
WEDNESDAY MARCH 21 2018

1) YEAR: 2018   WEDNESDAY
2) MONTH: 3   MARCH
3) DAY: 21   21, 2018
4) HOUR :   12   12;37 PM
5) MINUTE: 37
6) SECOND: 4

7) UPDATE TIME NOW: Y or N

PG   SD DATA CARD   SEL

4) SET TIME / DATE
Date and Time screen is for entering the correct time and date in data logging.

5

G4 Insight
GRAPHIC ENGINE MONITOR

K-FACTOR

ADJ K FACTOR COARSE
ADJ K FACTOR FINE

30,000 PULSES / GAL

SAVE CONFIG: YES

PG   SD DATA CARD   SEL

5) K-FACTOR INITIALATION
K-Factor Initialation screen is for setting up the third party fuel transducer info so the G2,3-4 fuel flow works correctly.

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G4 Insight
GRAPHIC ENGINE MONITOR

MISC CONFIGURATION

1) GPS: FADC ARNV SFUEL OFF
2) G-FORCE THRESHOLD: 1.0 G
3) CHT EGT TIT OIL CARB: F C
4) OAT: F C
5) MODE: MASTER SLAVE NORMAL
6) TOTALIZER: SINGLE SPLIT
7) FUEL SWITCH: NORM REVERSE

9) SAVE CONFIG: YES

PG   SD DATA CARD   SEL

6) MISC CONFIGURATION
1) Fuel flow GPS interface setting
2) Dynamic G-Force hard landing threshold trigger setting
3) Permits the user to select either Fahrenheit or Celsius
4) Permits the user to use a second slaved display

G3 and G4 Configuration Screens

MISC Configuration screens are accessible only on the ground.

Setup mode accessed by rebooting instrument with PG button held in.

There are SIX configuration screens. -

1) REGISTRATION CONFIG
   Registration screen is for describing aircraft accurately in data logging and also Reset the G23-4 to factory defaults.

2) GENERAL INFORMATION
   General Info screen is for raw measurement for diagnostics of the G23-4 only. (Read Only Screen)

3) ENGINE CONFIGURATION
   Engine Configuration screen is for setting up the engine info so the G23-4 works correctly for that airplane.

4) SET TIME / DATE
    Date and Time screen is for entering the correct time and date in data logging.

5) K-FACTOR INITIALATION
    K-Factor Initialation screen is for setting up the third party fuel transducer info so the G2,3-4 fuel flow works correctly.

6) MISC CONFIGURATION
    MISC Configuration screen
                1) Fuel flow GPS interface setting
                2) Dynamic G-Force hard landing threshold trigger setting
                3) Permits the user to select either Fahrenheit or Celsius
                4) Permits the user to use a second slaved display

If you have a G3, G4 single, or G4 twin and update to the latest version your temperature measurements will remain in Fahrenheit unless you configure your instrument for Celsius. So if you wish to keep using Fahrenheit do nothing further.

YOUR CONFIGURATION SCREENS MAY OR MAY NOT BE CORRECT

DEPENDING HOW THE UNIT WAS PURCHASED AND INSTALLED!

ADJUSTMENT INSTRUCTIONS:
Use PG knob to select screen
Push SEL to highlight line to yellow
Turn SEL to adjust
Push PG to save
Push SEL to highlight other lines
Turn SEL to adjust
Push PG to save
Push SEL to highlight down to "SAVE CONFIG"
Turn SEL to highlight YES in GREEN
Push SEL to SAVE change

Insight