

CEN23FA359

Garmin Configuration Module Readout



Autopilot Configuration

General

Roll

Pitch

Control Wheel Steering

Enabled



Engage AP Via CWS Input

Enabled



Autopilot Engage Limits

Enabled



Flight Control System Monitors

Disabled



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Autopilot Configuration

General

Roll

Pitch

Roll Servo Max Torque

45%

Roll Servo Gain

1.20

Roll Servo Direction

Normal



Roll Servo Clutch Monitor

Enabled



Roll Correction Time

1.00

Roll Fine Adjust Amount

0



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Autopilot Configuration

General

Roll

Pitch

Roll Servo Direction

Normal



Roll Servo Clutch Monitor

Enabled



Roll Correction Time

1.00

Roll Fine Adjust Amount

0

Roll Airspeed Gain Schedule

0.000

Roll Altitude Gain Schedule

0.000



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Autopilot Configuration

General

Roll

Pitch

Pitch Servo Max Torque

45%

Pitch Servo Gain

1.30

Pitch Servo Direction

Reverse



Pitch Servo Clutch Monitor

Enabled



Pitch Servo Control Mode

Normal



Pitch Correction Time

1.00



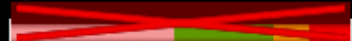
FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Autopilot Configuration

General

Roll

Pitch

Pitch Correction Time

1.00

Pitch Fine Adjust Amount

1

Pitch Fine Adjust Time

0.20^{sec}

Pitch Airspeed Gain Schedule

0.000

Pitch Altitude Gain Schedule

0.000

Min Airspeed Limit

65^k



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Autopilot Configuration

General

Roll

Pitch

Min Airspeed Limit

65_t

Max Airspeed Limit

190_t

Vertical Speed Gain

1.00

Vertical Accel Gain

1.00

Vertical Speed Inertial Gain

0.00

Airspeed Gain

1.00



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Autopilot Configuration

General

Roll

Pitch

Vertical Speed Gain

1.00

Vertical Accel Gain

1.00

Vertical Speed Inertial Gain

0.00

Airspeed Gain

1.00

Airspeed Accel Gain

1.00

Airspeed Track Gain

1.00



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Scroll List → Select Tab

Scroll List → Select Tab



Flight Director Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Indicator Type

Single Cue



Altitude Controls

Normal



ALT Mode User Select Action

Normal



ALT Mode User Up/Down Action

Normal



TO/GA Takeoff Pitch

+5°

TO/GA Go-Around Pitch

+5°

Scroll List

Scroll List



Flight Director Configuration



FUEL GPH



OIL PSI



OIL °F



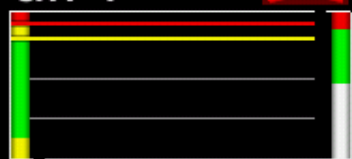
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Altitude Controls

Normal



ALT Mode User Select Action

Normal



ALT Mode User Up/Down Action

Normal



TO/GA Takeoff Pitch

+5°

TO/GA Go-Around Pitch

+5°

Maximum Bank Angle

30°

Scroll List

Scroll List



Electronic Stability Configuration



FUEL GPH



OIL PSI



OIL °F



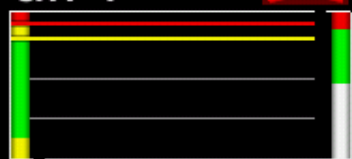
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Roll Attitude Limiting

Enabled



Bank Limit

45°

Pitch Attitude Limiting

Enabled



Down Limit

-10°

Up Limit

+10°

Airspeed Limiting

Enabled



Min Airspeed

100k

Max Airspeed

190k

Default ESP Powerup State

Enabled



Auto Engage LVL Mode

Disabled



Scroll List

Scroll List

Trim Configuration

Roll Trim

Pitch Trim

Roll Trim Motor Control

Disabled



FUEL GPH



OIL PSI



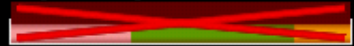
OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Trim Configuration

Roll Trim

Pitch Trim

Pitch Trim Motor Control

Disabled



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Garmin LRU Configuration



FUEL GPH



OIL PSI



OIL °F



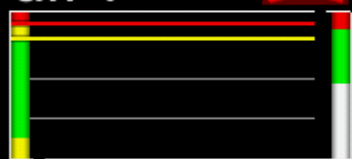
FUEL GAL



FUEL PSI



CHT °F



EGT °F



ADAHRS 1

Enabled



Magnetometer

Enabled



OAT

Enabled



AOA

Enabled



ADAHRS 2

Disabled



Engine Interface

Use EIS1



Move Selector

Move Selector



Garmin LRU Configuration



FUEL GPH



OIL PSI



OIL °F



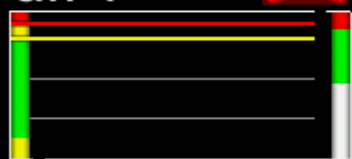
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Engine Interface

Use EIS1



Garmin Autopilot Servos

Pitch + Roll



Yaw Damper

Disabled



Roll Trim Servo

Disabled



Pitch Trim Servo

Disabled



Analog Autopilot Interface

Disabled



Move Selector

Move Selector



Garmin LRU Configuration



FUEL GPH



OIL PSI



OIL °F



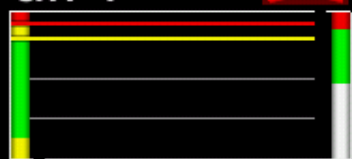
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Yaw Damper

Disabled



Roll Trim Servo

Disabled



Pitch Trim Servo

Disabled



Analog Autopilot Interface

Disabled



Electrical Control System

Disabled



Radio AGL Sensor

Disabled



Move Selector

Move Selector



Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter

Aircraft Identifier

N6161

Aircraft Type

Fixed Wing

Fuel Type

Avgas

Map Symbol



Sport Plane

Flight Planning Fuel Flow

34.1 $\frac{L}{hr}$



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter

Fuel Type

Avgas

Map Symbol



Sport Plane

Flight Planning Fuel Flow

34.1 $\frac{\text{L}}{\text{hr}}$

Flight Planning Cruise Speed

175 $\frac{\text{k}}{\text{t}}$

Takeoff Safe Altitude

----- ft



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Scroll List Select Tab

Scroll List Select Tab



Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



VNE - Never Exceed Speed (Indicated)

200_t

VNE - Never Exceed Speed (True)

200_t

VNO - Maximum Structural Cruising Speed

156_t

VS0 - Stall Speed (Landing Configuration)

51_t

VS1 - Stall Speed (Specific Configuration)

62_t



Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



VS1 - Stall Speed (Specific Configuration)

62_k

VFE - Flap Extended Speed

100_k

VA - Design Maneuvering Speed

147_k

MMO - Maximum Operating Mach Limit

VX - Best Angle of Climb Speed

70_k



Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



VX - Best Angle of Climb Speed

70_k

VY - Best Rate of Climb Speed

95_k

VMC - Minimum Control Speed

---_k

VYSE - Best Single Engine Rate of Climb Speed

---_k

VG - Best Glide Speed

84_k



Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



VG - Best Glide Speed

84^k_t

Sink Rate at VG

939^{ft}_{min}

Glide Ratio at VG

Calculate

9.00:1

VR - Rotation Speed

75^k_t

Custom Speed 1

—

—^k_t



Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



VR - Rotation Speed

75_k

Custom Speed 1

—

---_k

Custom Speed 2

—

---_k

Custom Speed 3

—

---_k

Custom Speed 4

—

---_k



Aircraft Configuration

Aircraft

Reference Speeds

PFD G Meter



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Gauge G Max

+6

Gauge G Min

-3

Auto Display

Enabled

Color Lines

Disabled

Positive G Red Line



Weight & Balance Configuration

Loading Limits

Envelope Type
Simple

Edit
Envelope

Min CG
+82.08

Min Weight
1224.0lbs

Max CG
+88.24

Max Weight
2050.0lbs

Stations

Empty CG Arm
+79.34

Empty Weight
1224.0lbs

LEFT SEAT
Max 210.0 lbs
Arm +99.83

Edit

RIGHT SEAT
Max 216.0 lbs
Arm +99.83

Edit

BAGGAGE
Max 100.0 lbs
Arm +129.48

Edit

FUEL
Max 300.0 lbs
Arm +81.97

Edit

Add



Units Configuration



FUEL GPH



OIL PSI



OIL °F



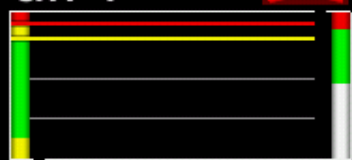
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Distance

Nautical (nm)



Ground Speed

Nautical (kt)



Airspeed

Nautical (kt)



Direction Display

Numeric Degrees



Air Temperature

Fahrenheit (°F)



Engine Temperature

Fahrenheit (°F)



Scroll List

Scroll List



Units Configuration



FUEL GPH



OIL PSI



OIL °F



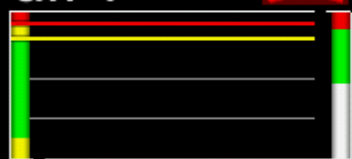
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Engine Temperature

Fahrenheit (°F)



Altitude

Feet (ft)



Vertical Speed

Feet/Minute



Baro Pressure

Inches (Hg)



Fluid Pressure

PSI



Fluid Volume

Gallons (US)



Scroll List

Scroll List



Units Configuration



FUEL GPH



OIL PSI



OIL °F



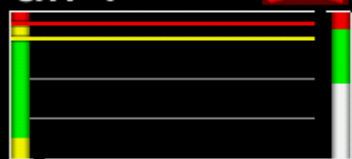
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Fluid Volume

Gallons (US)



Fuel Flow

Gallons (US)



Fuel Calculator

Liters



Fuel Economy

Metric (L/100km)



Weight

Pounds (lbs)



Power

Horsepower (HP)



Scroll List

Scroll List



Sound Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Alert Audio Source

Auto



Alert Audio Output

Mono & Stereo



Master Alert Volume

100%

Test

Terrain Alert

Enabled



Test

Miscompare Alert

Enabled



Test

VNE Alert

Enabled



Test

Scroll List

Scroll List



Sound Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



VNE Alert

Enabled



Test

AFCS Attention Tone

Enabled



Test

AOA Alert

Enabled



AOA Alert Mode

Stall Awareness



AOA/Stall Volume

60%

Test

Altitude Alert

Enabled



Volume

90%

Test

Scroll List

Scroll List



Sound Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



AOA/Stall Volume

60%

Test

Altitude Alert

Enabled



Volume
90%

Test

Message Tone

Disabled



Minimums Alert

Enabled



Volume
64%

Test

VNAV Alert

Enabled



Volume
35%

Test

Engine / Airframe Alert Mode

Tone + Voice



Test

Scroll List

Scroll List

RS-232 Configuration

PFD

MFD



FUEL GPH



OIL PSI



OIL °F



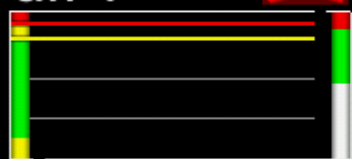
FUEL GAL



FUEL PSI



CHT °F



EGT °F



✗ RS-232 Port 1

38400 baud

MapMX



✗ RS-232 Port 2

57600 baud

Connex 57600 baud



✗ RS-232 Port 3

9600 baud

CO Detector



RS-232 Port 4

None



RS-232 Port 5

None





RS-232 Configuration

PFD

MFD

RS-232 Port 1

Normal Output Rate

NMEA Out (9600 baud)



✗ RS-232 Port 2

57600 baud

Vertical Power



RS-232 Port 3

None



✗ RS-232 Port 4

Garmin Instrument Data



✗ RS-232 Port 5

57600 baud

Connex 57600 baud



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





ARINC 429 Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



429 Output 1

NAV 1



EFIS/Airdata
Format 1



429 Output 2

None



✖ 429 Input 1

NAV 1



Garmin GPS



429 Input 2

None



429 Input 3

None



429 Input 4

None



Scroll List

Scroll List



Primary Flight Display Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Pitch Offset

User Selected



Roll Display

Ground Pointer



Vertical Speed Indicator Range

±2000 ft/min



HSI Orientation

User Selected



Trim/Flap Position Display

Enabled



Baro Setting Reminder

Disabled



Move Selector

Move Selector



Primary Flight Display Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Vertical Speed Indicator Range

±2000 ft/min



HSI Orientation

User Selected



Trim/Flap Position Display

Enabled



Baro Setting Reminder

Disabled



Miscompare Monitoring

ADAHRS + SFD



Auto Declutter

Enabled



Move Selector

Move Selector



GPS Receiver Configuration

× PFD

Use PFD
GPS Antenna



MFD

No GPS Antenna
Connected



FUEL GPH



OIL PSI



OIL °F



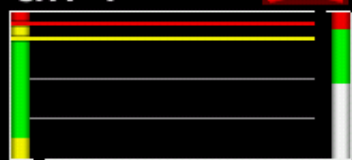
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Move Selector

Move Selector



Navigation Configuration



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



VNAV Deviation Scale

±1000 ft



External Navigator Selected Course

Enabled



Powerup FPL Source

Select External GPS



Smart Glide

Enabled



Settings...

Move Selector

Move Selector



Transponder Configuration

Remote Transponder

Transponder Type

GNX 375



Status

 Not Receiving Transponder Data

Configuration

On-Screen Controls

Show



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



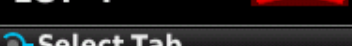
FUEL PSI



CHT °F



EGT °F





Data Log Configuration



FUEL GPH



OIL PSI



OIL °F



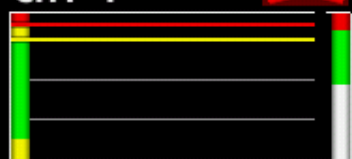
FUEL GAL



FUEL PSI



CHT °F



EGT °F



SD Card Data Logging

Enabled



Maximum SD Card Log Files

100

Internal Data Log

Copy To SD Card



Engine Information System Configuration

GEA 24 Inputs

GEA 24 Discrete

Vertical Power

Settings

Cylinder Head Temp

Type K (4-Cylinder)

Exhaust Gas Temp

Type K (4-Cylinder)

Oil Temp

UMA 1B3-2.5R

Oil Pressure

Kavlico P4055-150G

Manifold Pressure

Kavlico P4055-30A

Fuel Pressure

Kavlico P4055-75G (0-75 PSI)

RPM 1

Magneto P-Lead (2.000 pulse/rev)

RPM 2

-

Fuel 1

Fuel Quantity 1/L (Resistive)

Fuel 2

Fuel Quantity 2/R (Resistive)



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Scroll List Select Tab

Scroll List Select Tab



Engine Information System Configuration

GEA 24 Inputs

GEA 24 Discrete

Vertical Power

Settings



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F



Fuel 2

Fuel Quantity 2/R (Resistive)

GP 1

-

GP 2

-

GP 3 / Fuel 3

-

GP 4 / Fuel 4

-

GP 5

-

GP 6 / Temp 1

-

GP 7 / Temp 2

-

CHT 5 / Temp 3

-

CHT 6 / Temp 4

-



Engine Information System Configuration

GEA 24 Inputs

GEA 24 Discrete

Vertical Power

Settings

CHT 5 / Temp 3

-

CHT 6 / Temp 4

-

EGT 5 / Temp 5

-

EGT 6 / Temp 6

-

Volts 1

EIS Power Input 1 (Bus 1)

Volts 2

Bus 2 Volts

Shunt 1

-

Shunt 2

-

Fuel Flow

EI FT-60

Fuel Return

-



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





Engine Information System Configuration

GEA 24 Inputs

GEA 24 Discrete

Vertical Power

Settings



FUEL GPH



OIL PSI



OIL °F



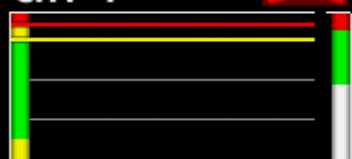
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Discrete 1

STBY PWR ON

Discrete 2

Stall Switch

Discrete 3

Canopy Closed

Discrete 4

Pitot Temperature

RPM 2

-

GP 1

-

GP 2

-

GP 3

-

GP 4

-

GP 5

-

Edit Discrete Input

GEA 24 Discrete 3 Input Configuration

Input Type

Active Low



Input Function

Canopy Closed



Input State

—

Alert Mode

Normal



Cancel



Save

Move Selector

Move Selector



Engine Information System Configuration

GEA 24 Inputs

GEA 24 Discrete

Vertical Power

Settings



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F

Discrete 3

Canopy Closed

Discrete 4

Pitot Temperature

RPM 2

-

GP 1

-

GP 2

-

GP 3

-

GP 4

-

GP 5

-

GP 6

-

GP 7

-



Engine Information System Configuration

GEA 24 Inputs

GEA 24 Discrete

Vertical Power

Settings

Volts 1

-

Volts 2

-

Amps 1

Main Bus Amps

Amps 2

-

FUEL GPH



OIL PSI



OIL °F



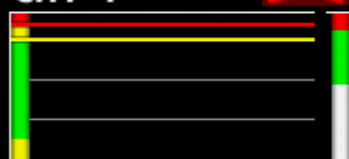
FUEL GAL



FUEL PSI



CHT °F



EGT °F





Engine Information System Configuration

GEA 24 Inputs

GEA 24 Discrete

Vertical Power

Settings

Total Time

79.5 hours

Engine Time

89.0 hours

Engine Cycles

-

Engine Power

Lycoming 215hp

Fuel Calculator

Configure...

Elevator Trim Display

Normal

Annunciators

Configure...



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





AOA Configuration

Flaps Up
Calibration

Flaps Down
Calibration

Settings

Stall Warning AOA Calibration
+0.2410

Calibrate

Clear

Caution Alert AOA Calibration
+0.1204

Calibrate

Clear

Minimum Visible AOA Calibration
-0.0237

Calibrate

Clear

Approach Target AOA Calibration
+0.1110

Calibrate

Clear

AOA pressure measurement not valid



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





AOA Configuration

Flaps Up
Calibration

Flaps Down
Calibration

Settings

Stall Warning AOA Calibration

Calibrate

Clear

Caution Alert AOA Calibration

Calibrate

Clear

Minimum Visible AOA Calibration

Calibrate

Clear

Approach Target AOA Calibration

Calibrate

Clear

AOA pressure measurement not valid



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





AOA Configuration

Flaps Up
Calibration

Flaps Down
Calibration

Settings

Enable AOA Above

50^k_t

Disable AOA on Ground Below

30^k_t

Flap Position Threshold

50%



FUEL GPH



OIL PSI



OIL °F



FUEL GAL



FUEL PSI



CHT °F



EGT °F





System Options

System Type

Non-Certified



Advanced User Setup

Enabled



FUEL GPH



OIL PSI



OIL °F



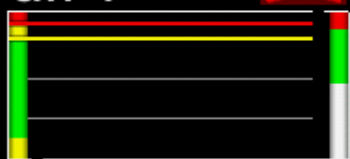
FUEL GAL



FUEL PSI



CHT °F



EGT °F



Move Selector

Move Selector



System Information

Device List

 **PFD** **GDU 460** **9.52m atg 006-B1727-39**

☐ **MFD**

-

-

☐ **SFD**

-

-

☐ **ADAHRS**

-

-

☐ **MAG**

-

-

☐ **EIS**

-

-

☐ **ROLL**

-

-

☐ **PITCH**

-

-

Primary Flight Display Info

Product Name **GDU 460**

Unit ID **3456623501**

System ID **60002CE07E38D**

System Software **006-B1727-39 9.52m**

Boot Block **006-B1727-00 5.20**

Config Module  **Valid**

GPS Status  **No Antenna**

GPS Software **006-B1379-XX 2.70**

Audio Data Version **2.90**

Basemap Version **2.00**

Navigation Database **2308 Americas**

Terrain Database **20T1 Worldwide-9**



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CHT °F



EGT °F





System Information

Device List

☐ ROLL - -

☐ PITCH - -

☐ A429 - -

☒ COM 1 - -

☒ GPS - -

☒ XPDR - -

☐ VP - -

☒ CO - -

Primary Flight Display Info

Product Name GDU 460

Unit ID 3456623501

System ID 60002CE07E38D

System Software 006-B1727-39 9.52m

Boot Block 006-B1727-00 5.20

Config Module  Valid

GPS Status  No Antenna

GPS Software 006-B1379-XX 2.70

Audio Data Version 2.90

Basemap Version 2.00

Navigation Database 2308 Americas

Terrain Database 20T1 Worldwide-9



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