

Garmin 1000 (TAA) Written Checkout

Name
N Number

Date
CFI

Define the following:

LRU _____ GTX330 _____

GDU 1040 _____ GDL69 _____

GIA63 _____ GEA71 _____

GDC 74or ADC _____ GRS 77 or AHRS _____

GMU _____ GMA 1347 _____

What instruments are powered by the AHRS? _____

What instruments operate from the ADC? _____

What equipment provides the engine gauges?

What equipment provides the engine gauges?

What equipment provides NAV 1 and NAV 2 information?

What equipment provides the rate of turn information (half and standard rate)?

What equipment provides transponder information?

Is the aircraft equipped with a mode C or a mode S transponder?

How would you know if the AHRS has failed? The magnetometer ?

What information is lost if GIA 1 fails?

What information is lost if GIA 1 and GIA 2 fails?

What happens if the audio panel fails?

What information is erroneous if the pitot tube is blocked?

What information is erroneous if the static port is blocked?

Will the alternate static provide input to the ADC system?

Where is the AHRS, GTX330, GDL69, and the GIA 63's located?

Where is the magnetometer located?

Where is the ADC located?

How many cooling fans are available? When only on the standby battery?

How can you check the status of a particular LRU?

How do you calculate RAIM for a destination?

Where would find more detail information regarding an advisory message?

Besides AROW, what other publication are required onboard the G1000 Aircraft?

How do you silence a caution/warning message?

What is the alternator amps and voltage?

How many batteries are available and what is the voltage output?

How would you know if the standby battery is in use?

What equipment is available on the standby battery (Essential Bus)

When the main bus voltage falls below 24,5 volts, the system will be discharging from the main battery, when the main battery falls below 20 volts then the standby battery will carry over for how many minutes?_____

When on the standby battery only, will the flaps and landing light work?

How many vacuum pumps are available?

What occurs if the primary flight display (PFD) fails?

What occurs if the multi-function display (MFD) fails?

What does the “display backup” red button do, if pressed?
