

Operator _____ Aircraft Model _____ Reg. # _____

S/N _____ Approximate Hours _____ Approximate Cycles _____

Manufacture Date _____ Contact E-mail _____

Please complete the following table with the information for the avionics/system components currently installed in the airplane. If other avionics components relevant to airspeed/altimetry/autopilot/altitude alert/altitude reporting systems are installed on the aircraft, please include their information in the blank spaces. If an answer isn't readily available (for instance, component part number), just leave it BLANK.

Avionics System ___ Collins ___ Avidyne ___ Garmin ___ Honeywell ___ Universal ___ Other _____

Component	Manufacturer/Model	Part Number
#1 ADAHRS or ADC providing the air data source for displayed altitude		
#2 ADAHRS or ADC providing the air data source for displayed altitude		
#1 Altimeter/Altitude Display/PFD		
#2 Altimeter/Altitude Display/PFD		
#1 Airspeed Indicator/Display		
#2 Airspeed Indicator/Display		
#1 Transponder [XPDR1]		
Altitude Alerter (or component responsible for this function)		
Autopilot System		
Pilot Pitot		
Co-Pilot Pitot		
Pilot Static		
Co-Pilot Static		

Please provide the following information:

1. On a typical routine flight, what would be your anticipated cruise speed in RVSM airspace?

_____ KIAS

2. Is your airplane currently compliant with the 2020 ADS-B mandate?

Yes	No	I don't know
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3. Is the aircraft equipped with TCAS I or TCAS II? Provide the version if it's a TCAS II system.

Yes TCAS1 Yes TCAS2 TCAS2 Version	No	I don't know
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4. Do you plan to operate this airplane outside the continental United States on a regular basis?

Yes How many operations are conducted outside the U.S. annually?	No	I don't know
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Please answer the following questions about the airplane configuration.

1. Is there an "ADC Select" or "System Select" switch installed in the airplane that allows the pilot to select which system is providing input to the autopilot?

Yes	No	I don't know
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2. Is there an “ADC Select” or “System Select” switch installed that serves another function? If so, explain:

Yes	No	I don't know
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3. Suppose the #1 ADC (ADC1¹), or the #1 system, fails during normal flight.

a. What annunciation will be provided to the crew (i.e., how will they know)?

b. If the autopilot is flying off the #1 system, will the autopilot disengage?

Yes	No	I don't know
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c. Will the altitude alerter function normally?

Yes	No	I don't know
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d. If not, what action needs to be taken to ensure the altitude alerter functions normally?

4. Suppose the #2 ADC (ADC2¹), or the #1 system, fails during normal flight.

a. What annunciation will be provided to the crew (i.e., how will they know)?

b. If the autopilot is flying off the #1 system, will the autopilot disengage?

Yes	No	I don't know
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c. Will the altitude alerter function normally?

Yes	No	I don't know
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d. If not, what action needs to be taken to ensure the altitude alerter functions normally?

5. Does the airplane have a static source select switch, allowing the crew to select the primary (normal) or standby (alternate) static sources?

YES – Choose One: <input type="checkbox"/> Single Switch <input type="checkbox"/> One for Pilot / One for CoPilot	No	I don't know
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6. Is there a transponder select switch installed on the airplane, allowing the flight crew to select which transponder is reporting to ATC?

Yes – Choose One: <input type="checkbox"/> Manual <input type="checkbox"/> Automatic	No	I don't know
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7. To which system (#1/Pilot or #2/CoPilot) is the altitude alerter connected?

#1 Pilot	#2 CoPilot	Both	Neither
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a. Can either system be selected to provide data to the altitude alerter?

Yes	No	I don't know
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b. While cruising with the autopilot in altitude hold mode, at what height from the cruise flight level will the altitude alerter generate an aural warning (i.e., what is the altitude alert threshold of the altitude alerter in altitude deviation mode?) _____ feet

8. Is the airplane equipped with a separate air data sensor, computer or other pressure-sensing unit that provides altitude and/or static pressure information to the autopilot while flying in altitude hold mode?

Yes	No	I don't know
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a. What happens to the autopilot if this separate computer/sensor unit should fail (i.e. autopilot dis-engages, a second system takes over automatically or manually, etc.)?

b. Have there been any Service Bulletins or other modifications implemented on the aircraft, that may affect any of the aircraft systems identified above or the performance of the aircraft at cruise? If so, please explain on a separate sheet and attach to this survey.

Yes	No	I don't know
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Please answer the following general questions pertinent to flight test.

1. Is the aircraft equipped to log the data from the PFD/MFD? (for example SD card, etc.)

Yes * * * If yes, please attach a sample flight log file.	If no or not sure, please specify the make and model of the system:
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2. Has the PIC for flight test completed the RVSM training that satisfies the requirements of FAA AC 91-85(b)? (*The PIC for the flight test is required to complete the RVSM training prior to flight test.*)

Yes	No	I don't know
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3. **If available, please attach the following documents required for flight test planning;** (if not available in digital format, please let us know and we can work with you to obtain the required data from these documents.)

- a. AFM
- b. POH
- c. Recent 91.411

4. Preferred location of flight test and ground test?

5. (Optional) How did you hear about us?

- a. Recommended by a friend, colleague, etc. _____
- b. Search engine (Google, Yahoo, etc.)
- c. Social Media
- d. Other _____