



US Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make GULFSTREAM AMERICAN	Model AA-5B
	Serial No. 1145	Nationality and Registration Mark N4529D
2. Owner	Name (As shown on registration certificate) DAVIS, HOWARD H., III	Address (As shown on registration certificate) 152 SCRUBBY BLUFF ROAD KINGSLAND, GA. 31548

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address QUEST AVIONICS, INC. P.O. BOX 770028 OCALA, FL 34477-0028	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. <div style="text-align: center; font-weight: bold; font-size: 1.2em;">QVNR604L</div>
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date <i>Jan 30, 2002</i>	Signature of Authorized Individual
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection <i>1/30/2002</i>		Certificate or Designation No. QVNR604L	Signature of Authorized Individual 	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

REMOVED
1 EA. CESSNA P/N SP7601-1-2ES DIRECTIONAL GYRO.

INSTALLED
1 EA. CENTURY NSD-360A HSI COMPASS P/N 52D136-1333 SYSTEM.

SYSTEM INSTALLED IN ACCORDANCE WITH AC43.13-1B, CHAPTER 5, sec.1, CHAPTER 11, sec. 2,3,4,5&7, AC43.13-2A, CHAPTER 2, AND INSTALLATION MANUAL P/N 734, rev.8, dated 8/15/2000.

HSI MOUNTED IN PILOT'S PANEL AT STATION 66.0 AS PER AC43.13-2A, PARAGRAPH 23b. SYSTEM CONNECTED TO NAVIGATION PORTION OF UPS TECH SL-30 NAV/COM FOR PRESENTING NAVIGATIONAL INFORMATION.

INSTALLATION COMPLIES WITH FAR 23.1301 AND 23.1431.

EQUIPMENT LIST AND WEIGHT AND BALANCE DATA WERE REVISED TO REFLECT THESE CHANGES.

ELECTRICAL LOAD ANALYSIS DETERMINED THAT TOTAL ELECTRICAL LOAD DOES NOT EXCEED 80% OF TOTAL AIRCRAFT LOAD.

THE CENTURY NSD-360A UNIT IS "ON CONDITION" ONLY AND PERIODIC MAINTENANCE IS NOT REQUIRED FOR CONTINUED AIRWORTHINESS.

SYSTEM FUNCTION TESTED AND FOUND TO PERFORM SATISFACTORY.

----- END -----

Additional Sheets Are Attached