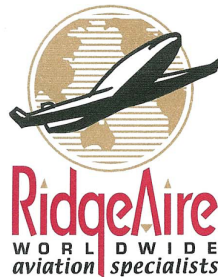


N5288J

1976 Cessna 421C

FAA Form 337s

MSN: 421C-0158



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301(a)).

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C-0158	
	Make Cessna	Model 421C	Series 421
2. Owner	Name (As shown on registration certificate) Borders 421 LLC	Address (As shown on registration certificate) Address 9500 Beverly Rd.	
		City Pico Rivera State CA	Zip 90660-2135 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address			B. Kind of Agency		
Name	Air Impressions Inc		U.S. Certificated Mechanic		Manufacturer
Address	7929 Karl May Dr.		Foreign Certificated Mechanic		C. Certificate No.
City	Waco	State Tx	<input checked="" type="checkbox"/> Certificated Repair Station		AK6R541N Airframe Class III Power Plant Class I
Zip	76708	Country USA			

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 	Bobby Parker 11/01/2018
--	---	-------------------------

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. AK6R541N		Signature/Date of Authorized Individual 		
		Bobby Parker 11/01/2018		

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.)

N5288J

Nationality and Registration Mark

11/01/2018

Date

Installed external AFT body strakes I/AW FAA approved Aircraft Performance Modifications Master Drawing List as listed in AML No. SA01935LA, Rev. IR per STC SA01935LA.

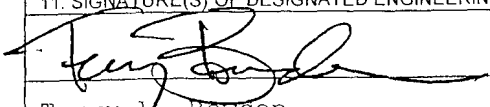
Installed McCauley MC1 Synchrophaser and Governors I/AW RAM Dwg. No. 1406, Rev. N dated 8/23/2003 per FAA form 8110-3 dated 8/07/2018..

Aircraft weighed and new weight balance computed

Pertinent details are on file under work order 4644

END

Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			1. DATE
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			August 7, 2018
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
2. MAKE Cessna	3. MODEL NO. 421C	4. TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	5. NAME OF APPLICANT RAM Aircraft, L.P. 7505 Karl May Dr Waco, TX 76708
LIST OF DATA			
6. IDENTIFICATION		7. TITLE	
RAM Drawing no. 1406, revision N dated 08-28-2003 <u>Background:</u> <u>Specific Approval:</u>		McCauley MC1 Syncrophaser & Governor Inst'l RAM Aircraft LP holds FAA-PMA certification for replacement of the McCauley MC-1 syncrophaser system on Cessna 340A, 414A, and 421C s/n 0801 and on. The RAM drawing 1406 is FAA-STC approved for updating Cessna 340 and 414 to the MC-1 system with the MC-1 system like the latter approved Cessna configuration. RAM has conducted company tests to verify that the system is compatible with the 421C. It has been found acceptable to modify the aircraft with McCauley MC1 propeller governors and syncrophaser system per RAM drawing 1406, revision M. This modification is hereby found to be in compliance with the applicable FAA requirements. <ol style="list-style-type: none"> 1) Based on equivalency to Cessna 421C (s/n 421C0801 and on), it is acceptable to use either the RAM p/n 1719-3 syncrophaser or the McCauley p/n B28000 syncrophaser. 2) This approval is design data approval only and is not installation approval. 3) Continued Airworthiness: For maintenance, troubleshooting, adjustment, and testing, refer to the following documents. <ul style="list-style-type: none"> - McCauley Governor Operator/Owners manual p/n MPC-25. - RAM ICA and Maintenance Manual Supplement for 1719-3 Propeller Syncrophaser, drawing no. 2548 (when RAM p/n 1719-3 syncrophaser is used) - McCauley Syncrophaser System Manual, p/n 791005 (when McCauley p/n B28000 syncrophaser is used) 	
8. PURPOSE OF DATA In support of a major alteration for Cessna <u>s.n. 421C-0158 ONLY.</u>			
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR Part 23 thru amdt. 23-53: § 23.901 Installation; § 23.33(d) Propeller Speed and Pitch Limits; § 23.1141(a) Powerplant Controls, General; § 23.1149 Propeller Speed and Pitch Controls; § 23.1301 Function and Installation; § 23.1309(a) Equipment, Systems and Installation; § 23.1322(e) Warning, Caution, and Advisory Lights ; § 23.1367 Switches.			
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
<input type="checkbox"/> Recommend approval of these data <input checked="" type="checkbox"/> Approve these data I (We) Therefore			
11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		12. DESIGNATION NUMBER(S)	13. CLASSIFICATION(S)
 Terry L. Bowden		DERY-750185-SW	Powerplant Inst'l



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301(a)).

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C-0158	
	Make Cessna	Model 421C	Series 421
2. Owner	Name (As shown on registration certificate) Borders 421 LLC	Address (As shown on registration certificate) Address 9500 Beverly Rd.	
		City Pico Rivera	State CA
		Zip 90660-2135	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in item 1 above)	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	TCM	GTSIO-520-L	L-825016-R, R-1004615
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address			B. Kind of Agency		
Name	Air Impressions Inc		U.S. Certificated Mechanic		Manufacturer
Address	7929 Karl May Dr.		Foreign Certificated Mechanic		C. Certificate No.
City	Waco	State	Tx	<input checked="" type="checkbox"/> Certificated Repair Station	AK6R541N Airframe Class III Power Plant Class I
Zip	76708	Country	USA	Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual	 Jeff Garrett 02/14/2018
--	---	-----------------------------

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. AK6R541N		Signature/Date of Authorized Individual		
		 Jeff Garrett 02/14/2018		

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.)

N5288J

Nationality and Registration Mark

02/14/2018

Date

Installed Power Pac Spoilers, Inc. spoilers per STC SA4913NM installation instructions SP4000 and master drawing list SP4000. dated 3/29/1990.

Inserted Flight Manual Supplement.

Computed new empty weight and C.G. (See weight and balance dated sheet dated 2/14/2018.)

Pertinent details are on file under work order 4582.

END

Additional Sheets Are Attached

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

Form Approved OMB No. 2120-0020 11/30/2007 Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U. S. C. §46301(a))

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C0158	
	Make CESSNA	Model 421C	Series
2. Owner	Name (As shown on registration certificate) BORDERS 421 LLC	Address (As shown on registration certificate) 9500 BEVERLY RD PICO RIVERA, CA 90660-2135	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address Advantage Aviation, Inc. 7000 Merrill Ave. Box 20 Hangar A-240 Chino, CA 91710	B. Kind of Agency								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><input type="checkbox"/> U. S. Certificated Mechanic</td> <td style="width: 50%;">Manufacturer</td> </tr> <tr> <td><input type="checkbox"/> Foreign Certificated Mechanic</td> <td>C. Certificate No.</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certificated Repair Station</td> <td>VZKR081Y</td> </tr> <tr> <td><input type="checkbox"/> Certificated Maintenance Organization</td> <td>Radio Limited Airframe</td> </tr> </table>	<input type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.	<input checked="" type="checkbox"/> Certificated Repair Station	VZKR081Y	<input type="checkbox"/> Certificated Maintenance Organization	Radio Limited Airframe
<input type="checkbox"/> U. S. Certificated Mechanic	Manufacturer								
<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.								
<input checked="" type="checkbox"/> Certificated Repair Station	VZKR081Y								
<input type="checkbox"/> Certificated Maintenance Organization	Radio Limited Airframe								

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual Mark Krueger 17-November-2017
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

	FAA Fit. Standards Inspector		Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY	FAA Designee	<input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. VZKR081Y	Signature/Date of Authorized Individual Mark Krueger 17-November-2017
---	---

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.)

N5288J

Nov-17-2017

Nationality and Registration Mark

Date

Removed from aircraft:

GNS 430W, GNS 530W, VSI, HSI System, Turn & Bank, Inverter, GDL 49, Radar System, M811B, Airspeed Ind., EDM 760, Attitude Gyro, Directional Gyro, Engine Gauges, Shadin Fuel Flow, Altimeter

Installed in aircraft:

G600 System (QTY 2), GTN 750, GTN 650, GTX 345, WX-500, GTS 800, GWX 70, EDM 960, Flightstream 510, New Flight Panels

Mounting:

GDU 620 mounted in pilot flight panel using new hardware.

GDU 620 mounted in copilot flight panel using new hardware.

GRS 77 (QTY 2) mounted in nose of aircraft using new mounts and hardware.

GDC 74A (QTY 2) mounted in nose of aircraft using new mounts and hardware.

GMU 44 (QTY 2) mounted in horizontal stabilizer using supplied bracket and new hardware.

GTP 59 (QTY 2) mounted on inspection plate in bottom of fuselage.

GTN 750 mounted below existing audio panel using new mounts and hardware.

GTN 650 mounted below GTN 750 using new mounts and hardware.

GTX 345 mounted in center panel using new mounts and hardware.

WX-500 mounted on existing shelf in tail of aircraft using new hardware.

WX-500 antenna mounted on bottom of fuselage in the unpressurized tail section of the aircraft.

GTS 800 mounted under the floor in the fuselage on existing shelf using new hardware.

GA 58 antenna mounted on top of fuselage using supplied hardware.

GA 58 antenna mounted on bottom of fuselage using supplied hardware.

GWX 70 mounted in place of removed radar using new hardware.

EDM 960 mounted in center panel using new hardware.

New instrument panels mounted in place of removed instrument panels using existing mounts and new hardware.

Approvals:

G600 systems are FAA-Approved for installation under STC SA02153LA-D and Approved Model List (AML) amended Nov. 30, 2016.

GTN 750, GTN 650, and Flightstream 510 systems are FAA-Approved for installation under STC SA02019SE-D and Approved Model List (AML) amended date January 31, 2016.

GTX 345 system is FAA-Approved for installation under STC SR02124SE and Approved Model List (AML) dated Oct. 31, 2016.

WX-500 processor and antenna installed in aircraft in accordance with all applicable sections of AC 43.13-1B, and all applicable chapters, sub-chapters, and paragraphs of AC 43.13-2b.

WX-500 and GTS 800 interface to the GTN 650 is approved under STC SA02019SE-D and Approved Model List (AML) amended date January 31, 2016.

WX-500 and GTS 800 interface to the G600 system is approved under STC SA02153LA-D and Approved Model List (AML) amended Nov. 30, 2016.

GA 58 traffic antennas are FAA-Approved for pressure vessel penetration under DER 8110-3 approval dated Nov. 9, 2017.

EDM 960 system is FAA-Approved for installation under STC SA01828SE and Approved Model List (AML) dated Mar. 31, 2009.

New flight panels fabricated and installed under Advantage Avionics FAA CRS# VZKR081Y with appropriate rating.

Installation:

G600 systems installed reference manufactures installation manual #190-00601-06 Rev. Q, dated May 31, 2017,

GTN 750, GTN 650, and Flightstream 510 systems installed reference manufactures installation manual #190-01007-A3 Rev. 11, dated Sept. 30, 2017,

GTX 345 system installed and checked out reference manufactures installation manual #190-00734-10 Rev. 8, dated September 30, 2016,

WX-500 system installed reference manufactures installation manual #009-11500-001 Rev. J, dated Feb. 19, 2015.

GTS 800 system installed reference manufactures installation manuals #190-00993-00, #190-00993-04, #190-00993-05, #190-00993-03 Rev. 5, dated Jun. 2012, and TSO manual #190-00587-00 Rev. J, dated Dec. 2013,

GWX 70 system installed reference manufactures installation manual #190-00829-01 Rev. F, dated Nov. 30, 2014.

EDM 960 system installed reference manufactures Report No. 909 Rev. E, dated Nov. 03, 2016.

and in accordance with all applicable sections of AC 43.13-1B, all applicable chapters, sub-chapters, and paragraphs of AC 43.13-2b, and all applicable requirements of AC 20-138a.

ADDITIONAL SHEETS ARE ATTACHED

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.)

N5288J

Nov-17-2017

Nationality and Registration Mark

Date

Interface:

The GTN 750, GTN 650, and G600 systems display traffic information from the GTS 800 system, radar information from the GWX 70 system, lightning information from the WX-500 system, and ADS-B traffic and weather information from the GTX 345.

The G600 systems display navigation information from the GTN 750 and GTN 650 systems, and provide navigation information to the existing autopilot system.

Circuit Protection:

Circuit breakers mounted in circuit breaker panel with appropriate current rating per manufactures installation manual.

The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227.

The system was checked for conducted and/or radiated EMI. An electrical load analysis was performed and does not exceed the rated capacity of the aircraft charging system.

All required FAA Approved Flight Manual Supplements associated with this installation have been attached to the Basic Airplane Flight Manual. Aircraft weight and balance and equipment list have been revised to reflect the removed and installed systems. An airframe logbook entry was made to reference this FAA Form 337.

For Continued Airworthiness, see documents for this aircraft entitled "Instructions for Continued Airworthiness"

*****NOTHING ELSE FOLLOWS*****

ADDITIONAL SHEETS ARE ATTACHED



U.S. Department of Transportation
Federal Aviation Administration

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

Form Approved OMB No. 2120-0020 11/30/2007	Electronic Tracking Number
For FAA Use Only	

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U. S. C. §46301(a))

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C0158	
	Make CESSNA	Model 421C	Series
2. Owner	Name (As shown on registration certificate) Borders 421 LLC		Address (As shown on registration certificate) 9500 Beverly Rd Pico Rivera, CA 90660

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	<i>(As described in Item 1 above)</i>	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address Affordable Avionics Inc. 7000 Merrill Ave # 18 Chino, CA 91710 USA	B. Kind of Agency <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><input type="checkbox"/> U. S. Certified Mechanic</td> <td style="width: 70%;">Manufacturer</td> </tr> <tr> <td><input type="checkbox"/> Foreign Certified Mechanic</td> <td>C. Certificate No.</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Repair Station</td> <td>#8AAR592Y</td> </tr> <tr> <td><input type="checkbox"/> Certified Maintenance Organization</td> <td></td> </tr> </table>	<input type="checkbox"/> U. S. Certified Mechanic	Manufacturer	<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.	<input checked="" type="checkbox"/> Certified Repair Station	#8AAR592Y	<input type="checkbox"/> Certified Maintenance Organization	
<input type="checkbox"/> U. S. Certified Mechanic	Manufacturer								
<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.								
<input checked="" type="checkbox"/> Certified Repair Station	#8AAR592Y								
<input type="checkbox"/> Certified Maintenance Organization									

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <div style="text-align: right;">23-February-2016</div>
--	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. #8AAR592Y	Signature/Date of Authorized Individual <div style="text-align: center;"> 23-February-2016 </div>
--	---

4 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

This section provides Instruction for Continued Airworthiness for the GTX 330/33 with ADS-B Out installation. This section satisfies the requirements for continued airworthiness as defined by 14 CFR Part 23.1529 and Part 23 Appendix G. Information in this section is required to maintain the continued airworthiness of the GTX Transponder units as installed under this AML STC.

4.1 Applicability

This document applies to all aircraft equipped with GTX 330/330D/33/33D Mode S Transponders with ADS-B Out per STC SA01714WI.

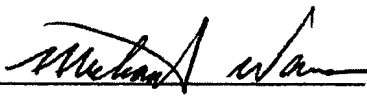
Modification of an aircraft by this Supplemental Type Certificate (STC) obligates the aircraft operator to include the maintenance information provided by this document in the operator's Aircraft Maintenance Manual and the operator's Aircraft Scheduled Maintenance Program.

4.2 Airworthiness Limitations

The Airworthiness Limitations section is FAA approved and specifies maintenance required under §43.16 and §91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

There are no airworthiness limitations associated with this type design change (STC SA01714WI).

FAA APPROVED

 18-SEP-2014

Mike Warren

Date

STC Unit Administrator

ODA-240087-CE

4.3 Servicing Information

GTX 330/33 LRU maintenance is 'on condition' only. No component-level overhaul is required for the GTX 330/33 with ADS-B Out installation.

4.3.1 On Condition Servicing

'On Condition' replacement and/or servicing should occur when an item exhibits conditions, symptoms, and/or abnormalities defined in Section 5 of this manual. Replacement and/or servicing should be made only after the technician troubleshoots the system to the extent determined necessary by using the guidance in this manual along with common avionics maintenance practices.

4.3.2 Special Tools

The following tools are needed to perform maintenance tasks:

- Calibrated milliohm meter
A milliohm meter with an accuracy of ± 0.1 milliohm or better is required to measure the electrical bonding between GTX system components and aircraft ground.
- Calibrated transponder ramp tester
- Calibrated pitot/static ramp tester

4.4 Maintenance Intervals

Table 4-1 shows systems and items, installed by this STC, which must undergo tests or checks at specific intervals. Those inspections that are based on calendar elapsed time have specific intervals stated in Table 4-1.



NOTE

The maintenance intervals listed in the table below must be adhered to for each installed GTX.

Table 4-1. Maintenance Intervals

Item	Description/Procedure	Section No.	Interval
Equipment Removal and Reinstallation	Removal and reinstallation of GTX LRUs	6	On Condition
Cleaning	The GTX 330 display and bezel may be cleaned periodically when required. Cleaning can be accomplished using a soft cotton cloth dampened with clean water. DO NOT use any chemical cleaning agents. Care should be taken to avoid scratching the surface of the display.	N/A	On Condition
Antenna Visual Inspection	Removal and replacement	4.5	On Condition
Lightning Strike - Actual or Suspected	Inspect the coaxial cable connections, GTX bonding hardware (including bonding straps and tape), antenna and surrounding areas.	4.5	On Condition
	The GTX 330/33 transponder receiver sensitivity must be tested and shown to comply with Title 14 CFR Part 43 Appendix F.	8.4.1	On Condition
Testing	The GTX 330/33 transponders must be tested and shown to comply with Title 14 CFR Part 91.225 and 91.227.	8.4.2	Replacement of GPS Position source(s).
Equipment Visual Inspection	A visual inspection of the equipment installed by this STC must be performed.	4.5	12 Calendar Months
Testing	The GTX 330/33 transponders must be tested and shown to comply with Title 14 CFR Part 91.411, 91.413, and Part 43 Appendix E and F.	8.4.1	24 Calendar Months
Electrical Bonding Test	An electrical bonding test must be performed on equipment installed by this STC.	4.6	10 Years or 2000 hours

4.5 Visual Inspection

Perform a visual inspection in accordance with requirements in Table 4-1. Check for corrosion, damage, or other defects for each of the installed items. Replace any damaged parts as required. Inspection may require the temporary removal of a unit or units to gain access to connectors. Follow guidance in Section 6 for equipment removal and replacement. Refer to Appendix A of this manual for equipment locations and refer to the specific Aircraft Maintenance Manual for instructions on removing any access panels.

GTX 330/330D Visual Inspection

During normal aircraft inspections not to exceed 12 calendar month intervals, conduct a visual inspection of the GTX 330/330D installation in the following locations:

Instrument Panel

1. Inspect all GTX 330/330D knobs and buttons for legibility of labels and markings.
2. Inspect GTX 330/330D units for security of attachment.
3. Inspect mounting rack and hardware for integrity.
 - a. Verify the racks, fasteners, and support structure are in good condition and are securely fastened.
 - b. Inspect for signs of corrosion.
 - c. For composite aircraft, inspect any aluminum foil tape used to ground the GTX and verify that it is not torn, damaged or showing signs of corrosion. If any of these occurs then the tape must be replaced (see Appendix B)
4. Inspect any bonding straps for corrosion, loose connections, or signs of damage (see Appendix B).
5. Inspect the condition of the wiring harnesses and coaxial cables.
 - a. Inspect all instrument panel wiring and coax for chafing, damage, proper routing of wire bundles and security of attachment in accordance with AC 43.13-1B, Chapter 11, Section 8, Paragraph 11-96. Pay particular attention to possible areas of chaffing.
 - b. Verify that the harness shows no signs of cracking, chaffing, abrasion, melting, or any other form of damage.
 - c. Inspect the GTX 330/330D connectors for corrosion or other defects. Check the integrity of the shield block ground attachments to the harness connector assembly as well as the integrity of the individual shields and their attachment.

GTX 33/33D Visual Inspection

During normal aircraft inspections not to exceed 12 calendar month intervals, conduct a visual inspection of the GTX 33/33D installation in the following locations:

Remote Mount Rack

1. Inspect GTX 33/33D units for security of attachment.
2. Inspect mounting rack and hardware for integrity.
 - a. Verify the racks, fasteners, and support structure are in good condition and are securely fastened.
 - b. Inspect for signs of corrosion.
 - c. For composite aircraft, inspect any aluminum foil tape used to ground the GTX and verify that it is not torn, damaged or showing signs of corrosion. If any of these occurs then the tape must be replaced (see Appendix B).
3. Inspect any bonding straps for corrosion, loose connections, or signs of damage (see Appendix B).
4. Inspect the condition of the wiring harnesses and coaxial cables.
 - a. Verify that all wiring and cables are securely fastened.
 - b. Verify that the harness shows no signs of cracking, chaffing, abrasion, melting, or any other form of damage.

Antenna Visual Inspection

During normal aircraft inspections not to exceed 12 calendar month intervals, conduct a visual inspection of the transponder antennas for the following:

1. Leading edge erosion, cracks, dents, or broken antenna. If these conditions are present, antenna must be replaced (see Appendix B).
2. If the attachment is not secure, re-work the installation and complete electrical bonding test specified in Section 4.6.
3. Condition of base seals. In the event the antenna seal shows sign of damage or decomposition, re-seal and complete the electrical bonding test specified in Section 4.6.

Post Lightning Strike Inspection

A post lightning strike inspection must be performed for a suspected or actual lightning strike to antennas or any temperature sensor connected to the GTX unit. Inspect antenna or sensor and surrounding installation to ensure that there is no structural damage around the areas where lightning may have attached. If there is visible sign of damage to the antenna or sensor, then it should be replaced.

Also inspect the antenna coax connection to GTX unit, grounding hardware, bonding straps or tape, and surrounding areas of the remotely mounted GTX 33 to ensure that there is no damage. Repair any damaged areas and components, then complete the electrical bonding test specified in Section 4.6.

4.6 Electrical Bonding Test

1. Disconnect the antenna coaxial cable from the GTX 330/33.
2. Disconnect the P3301 connector from the GTX 330/33.
3. Measure the DC resistance between each of the following test points and the aircraft ground reference as defined in Table B-1 and verify the resistance is less than or equal to the appropriate periodic test resistance value listed in the table.
 - Top metal case of GTX 330 #1 (if installed)
 - Top metal case of GTX 330 #2 (if installed)
 - GTX 33 #1 chassis (if installed)
 - GTX 33 #2 chassis (if installed)
 - Upper Transponder Antenna (if installed)
 - Lower Transponder Antenna (if installed)
4. If the resistance is more than the periodic test resistance value in the table, the bond must be improved enough to meet the reconditioned resistance value listed in Table B-1.



U.S. Department of
Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

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 1958)

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C0158	
	Make Cessna	Model 421C	Series
2. Owner	Name (As shown on registration certificate) Manhole Adjusting Inc	Address (As shown on registration certificate) Address 9500 Beverly Blvd	
		City Pico Rivera State CA	Zip 90660-2135 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. 1HGR058B	
Name Hangar One Avionics Inc.		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer	Class: I and III Airframe Limited: Airframe, Powerplant, Radio and Instruments.	
Address 2026 Palomar Airport Road		<input type="checkbox"/> Foreign Certificated Mechanic			
City Carlsbad State CA		<input checked="" type="checkbox"/> Certificated Repair Station			
Zip 92011 Country USA		<input type="checkbox"/> Certificated Maintenance Organization			

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. 1HGR058B	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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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.)

N5288J

04/01/2013

Nationality and Registration Mark

Date

Removed the following equipment:

REMOVED EQUIPMENT: Removed Brackett Aircraft induction air filters per STC SA71GL.

Installed the following equipment:

INSTALLED EQUIPMENT: Shadin Fuel Flow Indication System per STC SA607GL, RAM Aircraft Vacuum Pump Cooling Shrouds per STC SA3721SW.

REMOVED EQUIPMENT:

1. Removed Brackett Aircraft induction air filter assemblies, previously conformed on form 337 dated 10/26/1998. Reinstalled original equipment Cessna induction air filters to the Left and Right engine induction air systems, returning the aircraft to the originally type certificated condition with respect to this modification.

INSTALLED EQUIPMENT:

2. Performed conformity inspection of Shadin Digiflow-L fuel flow indication system, previously installed at an unknown date and aircraft total time by persons unknown. The installation of the Shadin Digiflow-L fuel flow indication system conforms with Supplemental Type Certificate SA607GL, Shadin Report 4034 dated 06/22/1987.

3. Performed conformity inspection of RAM Aircraft Vacuum Pump cooling shrouds for the left and right engine installations, previously installed at an unknown date and aircraft total time by persons unknown. The installation of the RAM Aircraft Vacuum Pump cooling shrouds conforms with Supplemental Type Certificate SA3721SW and RAM Aircraft drawing 1199 dated 02/17/1987.

4. **INSTRUCTIONS FOR CONTINUED AIRWORTHINESS:** Where specific references to Instructions for Continued Airworthiness are not listed, those items must be inspected as follows: Not to exceed 12 calendar months: Visually inspect in accordance with AC 43.13-1B chapter 5 section 2 as well as checking for security, condition and functionality of the system's above listed components along with the associated wiring and hardware as applicable.

5. **ELECTRICAL LOAD CHECK:** An electrical load check was performed in accordance with the procedure in AC43.13-2B chapter 2, paragraph 208 (Electrical Load Analysis Procedure) and it was found that the maximum electrical load did not exceed 80% of the electrical generating system capacity.

6. **FUNCTION CHECK:** Post installation function checks were performed on all installed equipment in accordance with manufacturers instructions. All systems operate normally and do not interfere with the operation or performance of any other equipment.

7. **STATIC LOAD TEST:** A static load test was performed on the newly installed equipment. It was found that the equipment mounting meets the requirements of AC43.13-2B chapter 1.

8. All equipment is installed in accordance with the manufacturer's instructions. All materials used and all work accomplished is in accordance with the acceptable methods and techniques set forth in AC43.13-1B and AC43.13-2B.

9. Aircraft reweighed and equipment list revised.

10. Completed an airframe log entry referencing this form 337.

-----NOTHING FOLLOWS-----

Additional Sheets Are Attached



U.S. Department of
Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

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 1958)

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C0158		
	Make Cessna	Model 421C	Series	
2. Owner	Name (As shown on registration certificate) Manhole Adjusting Inc		Address (As shown on registration certificate) Address 9500 Beverly Blvd	
			City Pico Rivera	State CA
			Zip 90660-2135	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	Continental	GTSIO-520-L	292014-R
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Hangar One Avionics Inc.		<input type="checkbox"/> U.S. Certified Mechanic	<input type="checkbox"/> Manufacturer
Address 2026 Palomar Airport Road		<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No. 1HGR058B
City Carlsbad State CA		<input checked="" type="checkbox"/> Certified Repair Station	Class: I and III Airframe
Zip 92011 Country USA		<input type="checkbox"/> Certified Maintenance Organization	Limited: Airframe, Powerplant, Radio and Instruments.

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. 1HGR058B	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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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.)

N5288J

04/01/2013

Nationality and Registration Mark

Date

Installed the following equipment:

1. **INSTALLED EQUIPMENT:** Shadin Fuel Flow transducer per STC SE612GL, RAM Aircraft Induction System Hose Clamps per STC SE3767SW-D.

INSTALLED EQUIPMENT:

2. Performed conformity inspection of Shadin Digiflow-L fuel flow transducer, previously installed at an unknown date and aircraft total time by persons unknown. The installation of the Shadin Digiflow-L fuel flow transducer conforms with Supplemental Type Certificate SE612GL, Shadin Report 4043 dated 11/19/1996.

3. Performed conformity inspection of RAM Aircraft induction hose clamps, previously installed at an unknown date and aircraft total time by persons unknown. The installation of the RAM Aircraft induction hose clamps conforms with Supplemental Type Certificate SE3767SW-D and RAM Aircraft drawing 1171 dated 05/23/1985.

4. **INSTRUCTIONS FOR CONTINUED AIRWORTHINESS:** Where specific references to Instructions for Continued Airworthiness are not listed, those items must be inspected as follows: Not to exceed 12 calendar months: Visually inspect in accordance with AC 43.13-1B chapter 5 section 2 as well as checking for security, condition and functionality of the system's above listed components along with the associated wiring and hardware as applicable.

5. **ELECTRICAL LOAD CHECK:** An electrical load check was performed in accordance with the procedure in AC43.13-2B chapter 2, paragraph 208 (Electrical Load Analysis Procedure) and it was found that the maximum electrical load did not exceed 80% of the electrical generating system capacity.

6. **FUNCTION CHECK:** Post installation function checks were performed on all installed equipment in accordance with manufacturers instructions. All systems operate normally and do not interfere with the operation or performance of any other equipment.

7. **STATIC LOAD TEST:** A static load test was performed on the newly installed equipment. It was found that the equipment mounting meets the requirements of AC43.13-2B chapter 1.

8. All equipment is installed in accordance with the manufacturer's instructions. All materials used and all work accomplished is in accordance with the acceptable methods and techniques set forth in AC43.13-1B and AC43.13-2B.

9. Aircraft reweighed and equipment list revised.

10. Completed an airframe log entry referencing this form 337.

-----NOTHING FOLLOWS-----

Additional Sheets Are Attached



U.S. Department of
Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

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 1958)

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C0158	
	Make Cessna	Model 421C	Series
2. Owner	Name (As shown on registration certificate) Manhole Adjusting Inc	Address (As shown on registration certificate) Address 9500 Beverly Blvd	
		City Pico Rivera State CA	Zip 90660-2135 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	Continental	GTSIO-520-L	292327-R
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Hangar One Avionics Inc.		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 2026 Palomar Airport Road		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No. 1HGR058B
City Carlsbad State CA		<input checked="" type="checkbox"/> Certificated Repair Station	Class: I and III Airframe Limited: Airframe, Powerplant, Radio and Instruments.
Zip 92011 Country USA		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. 1HGR058B	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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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.)

N5288J

04/01/2013

Nationality and Registration Mark

Date

Installed the following equipment:

1. **INSTALLED EQUIPMENT:** Shadin Fuel Flow transducer per STC SE612GL, RAM Aircraft Induction System Hose Clamps per STC SE3767SW-D.

INSTALLED EQUIPMENT:

2. Performed conformity inspection of Shadin Digiflow-L fuel flow transducer, previously installed at an unknown date and aircraft total time by persons unknown. The installation of the Shadin Digiflow-L fuel flow transducer conforms with Supplemental Type Certificate SE612GL, Shadin Report 4043 dated 11/19/1996.

3. Performed conformity inspection of RAM Aircraft induction hose clamps, previously installed at an unknown date and aircraft total time by persons unknown. The installation of the RAM Aircraft induction hose clamps conforms with Supplemental Type Certificate SE3767SW-D and RAM Aircraft drawing 1171 dated 05/23/1985.

4. **INSTRUCTIONS FOR CONTINUED AIRWORTHINESS:** Where specific references to Instructions for Continued Airworthiness are not listed, those items must be inspected as follows: Not to exceed 12 calendar months: Visually inspect in accordance with AC 43.13-1B chapter 5 section 2 as well as checking for security, condition and functionality of the system's above listed components along with the associated wiring and hardware as applicable.

5. **ELECTRICAL LOAD CHECK:** An electrical load check was performed in accordance with the procedure in AC43.13-2B chapter 2, paragraph 208 (Electrical Load Analysis Procedure) and it was found that the maximum electrical load did not exceed 80% of the electrical generating system capacity.

6. **FUNCTION CHECK:** Post installation function checks were performed on all installed equipment in accordance with manufacturers instructions. All systems operate normally and do not interfere with the operation or performance of any other equipment.

7. **STATIC LOAD TEST:** A static load test was performed on the newly installed equipment. It was found that the equipment mounting meets the requirements of AC43.13-2B chapter 1.

8. All equipment is installed in accordance with the manufacturer's instructions. All materials used and all work accomplished is in accordance with the acceptable methods and techniques set forth in AC43.13-1B and AC43.13-2B.

9. Aircraft reweighed and equipment list revised.

10. Completed an airframe log entry referencing this form 337.

-----NOTHING FOLLOWS-----

Additional Sheets Are Attached



U.S Department of
Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

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 1958)

1. Aircraft	Nationality and Registration Mark N5288J	Serial No. 421C0158	
	Make Cessna	Model 421C	Series
2. Owner	Name (As shown on registration certificate) Manhole Adjusting Inc		Address (As shown on registration certificate) Address 9500 Beverly Blvd
			City Pico Rivera State CA Zip 90660-2135 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Hangar One Avionics Inc.		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 2026 Palomar Airport Road		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No. 1HGR058B
City Carlsbad	State CA	<input checked="" type="checkbox"/> Certificated Repair Station	Class: I and III Airframe Limited: Airframe, Powerplant, Radio and Instruments.
Zip 92011	Country USA	<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. 1HGR058B	Signature/Date of Authorized Individual Mike Clingerman	04/01/2013
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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.)

N5288J

04/01/2013

Nationality and Registration Mark

Date

Installed the following equipment:

1. INSTALLED EQUIPMENT: Rosen sun visors per STC SA5137NM.

INSTALLED EQUIPMENT:

2. Performed conformity inspection of Rosen Sun visors, previously installed at an unknown date and aircraft total time by persons unknown. The installation of the Rosen sun visors conforms with Supplemental Type Certificate SA5137NM, and Rosen Installation Instructions Document 9050-118-015 dated 03/22/2004.
4. **INSTRUCTIONS FOR CONTINUED AIRWORTHINESS:** Follow the instructions in the aforementioned Rosen Installation instructions; "For Continued Airworthiness." Where specific references to Instructions for Continued Airworthiness are not listed, those items must be inspected as follows: Not to exceed 12 calendar months: Visually inspect in accordance with AC 43.13-1B chapter 5 section 2 as well as checking for security, condition and functionality of the system's above listed components along with the associated wiring and hardware as applicable.
5. **ELECTRICAL LOAD CHECK:** No electrical load check was necessary or performed.
6. **FUNCTION CHECK:** A post installation function check were performed on all installed equipment in accordance with manufacturers instructions. All systems operate normally and do not interfere with the operation or performance of any other equipment.
7. **STATIC LOAD TEST:** A static load test was performed on the newly installed equipment. It was found that the equipment mounting meets the requirements of AC43.13-2B chapter 1.
8. All equipment is installed in accordance with the manufacturer's instructions. All materials used and all work accomplished is in accordance with the acceptable methods and techniques set forth in AC43.13-1B and AC43.13-2B.
9. Aircraft reweighed and equipment list revised.
10. Completed an airframe log entry referencing this form 337.

-----NOTHING FOLLOWS-----

Additional Sheets Are Attached



U.S. 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 Verification:

INSTRUCTIONS: 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 1958)

1. Aircraft	Make CESSNA	Model 421C
	Serial No. 421C0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) ARK PARTNERS LLC	Address (As shown on registration certificate) 15 SW COLORADO AVE. STE 280 BEND OREGON 97702

3. For FAA Use Only

The data identified herein complies with applicable
Airworthiness Requirements and is approved only for above
described aircraft subject to conformity inspection by
a person authorized in FAR 43.7

FAA Inspector, Van Nuys FSDO:

Date:

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~			<input type="checkbox"/>	<input checked="" type="checkbox"/>
POWERPLANT				<input type="checkbox"/>	<input type="checkbox"/>
PROPELLER				<input type="checkbox"/>	<input type="checkbox"/>
APPLIANCE	Type			<input type="checkbox"/>	<input type="checkbox"/>
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address VISTA AVIATION INC. 12653 OSBORNE STREET PACOIMA, CA 91331	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. XW2R308L
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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 7/19/07	Signature of Authorized Individual JOHN RHODES
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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:	<input type="checkbox"/>	FAA Fit. Standards Inspector	<input type="checkbox"/>	Manufacturer	<input type="checkbox"/>	Inspection Authorization	Other (Specify)
	<input type="checkbox"/>	FAA Designee	<input checked="" type="checkbox"/>	Repair Station	<input type="checkbox"/>	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 7-19-07	Certificate or Designation No. XW2R308L	Signature of Authorized Individual JOHN RHODES
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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.

B. Description of Work Accomplished

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

1. INSTALLED S-TEC SYSTEM 55X TWO AXIS AUTOMATIC FLIGHT GUIDANCE SYSTEM MODEL ST578 IN ACCORDANCE WITH STC SA08996AC-D, BULLETIN NO. 678 REVISION 3 DATED MAY 10, 2001 AND MASTER DRAWING LIST NO. 92758 REVISION C, DRAWING LIST NO. 92758, REVISION C. DATED MAY 10, 2001 OR LATER FAA APPROVED REVISION.

2. WEIGHT AND BALANCE AMMENDED.

3. FLIGHT TEST VERIFIED OPERATION TO SPECS.

4. FOR CONTINUED AIRWORTHINESS:

PERFORM ON AT LEAST AN ANUUAL BASIS A PERIODIC INSPECTION OF THE EQUIPMENT RACK, EQUIPMENT MOUNTINGS, ASSOCIATED WIRING, CABLE CONNECTORS, HARDWARE, ANTENNA AND RELATED AIRCRAFT STRUCTURE FOR INTEGRITY, SECURITY, WEAR, CHAFFING AND ETC. SPECIAL ATTENTION SHOULD BE GIVEN TO THE AIRCRAFT PRIMARY STRUCTURE WITH REGARDS TO FATIGUE AND STRESS CRACKING, CORROSION AND ETC.

*****NOTHING ELSE FOLLOWS*****

Additional Sheets Are Attached

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA08996AC-D

This Certificate issued to S-TEC Corporation
One S-TEC Way
Mineral Wells Municipal Airport
Mineral Wells, TX 76067-9236

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product Type Certificate Number: A7CE
Make: Cessna
Model: 414A and 421C

Description of Type Design Change:

Installation of S-TEC System 55/55X Two Axis Automatic Flight Guidance System, Model ST-578, according to Bulletin No. 678, Revision 3, dated 5-10-01 and Master Drawing List No. 92758, Revision C, dated 5-10-01 or later FAA Approved revisions of the above data (28 Volt System).

Limitations and Conditions:
(See Continuation Sheet, Page 2, a part of this STC.)

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 4-06-95

Date issued:

Date of issuance: 4-25-95

Date amended: 4-10-97, 5-10-01

By direction of the Administrator



[Handwritten Signature]

(Signature)

Michael Keirnan
DAS Staff Coordinator, DAS 5 SW

(Title)

Supplemental Type Certificate

(Continuation Sheet)

Number SA08996AC-D

Limitations and Conditions (con't.)

1. Also eligible on Model 414A When Modified Per STC SE09104SC (335 H.P. Engine Conversion and 7,105 Lbs. Gross Weight Increase) and/or STC SA8125SW (Vortex Generators and Strakes).
2. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891157, dated 4-25-95 is required for Cessna Model 414A or later FAA Approved revisions of the above supplement.
3. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891161, dated 4-25-95 is required for Cessna Model 421C or later FAA Approved revisions of the above supplement.
4. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891157, Revision 1, dated 4-10-97 is required for Cessna Model 414A And The Above Model When Modified Per STC SE09104SC (335 H.P. Engine Conversion and 7,105 Lbs. Gross Weight Increase) and/or STC SA8125SW (Vortex Generators and Strakes) or later FAA Approved revisions of the above supplement.
5. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891157, Revision 2, dated 5-10-01 is required for Cessna model 414A and the above model when modified per STC SE09104SC (335 H.P. engine conversion and 7,105 Lbs. gross weight increase) and/or STC SA8125SW (vortex generators and strakes) for S-TEC System 55/55X or later FAA Approved revisions of the above supplement.
6. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, ~~P/N 891161~~, Revision 1, dated 5-10-01 is required for Cessna model 421C for S-TEC System 55/55X or later FAA Approved revisions of the above supplement.
7. Compatibility of this modification with other previously approved modifications must be determined by the installer.



U.S. 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 Verification:

INSTRUCTIONS: 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 1958)

1. Aircraft	Make CESSNA	Model 421C
	Serial No. 421C0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) ARK PARTNERS LLC	Address (As shown on registration certificate) 15 SW COLORADO AVE. STE 280 BEND, OREGON 97702

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	----- (As described in Item 1 above) -----			<input type="checkbox"/>	<input checked="" type="checkbox"/>
POWERPLANT				<input type="checkbox"/>	<input type="checkbox"/>
PROPELLER				<input type="checkbox"/>	<input type="checkbox"/>
APPLIANCE	Type			<input type="checkbox"/>	<input type="checkbox"/>
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
VISTA AVIATION INC 12653 OSBORNE STREET PACOIMA, CA. 91331	<input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	XW2R308L

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 AUGUST 08, 2007	Signature of Authorized Individual JOHN RHODES
-------------------------	---

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:	<input type="checkbox"/> FAA Fit. Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Inspection Authorization	Other (Specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection AUGUST 08, 2007		Certificate or Designation No. XW2R308L	Signature of Authorized Individual JOHN RHODES	

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.

B. Description of Work Accomplished

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

INSTALLED GARMIN AT INC GDL69A SATELLITE RECEIVER IN NOSE BAGGAGE IN ACCORDANCE WITH
STC SA01487SE, GARMIN STC MASTER DATA LIST P/N 005-C0217-00 REVISION A DATED DECEMBER 20,
2004 OR LATER REVISION. GDL69A IS CONTROLLED BY THE GARMIN GNS530 IN RADIO STACK.

.....NOTHING ELSE FOLLOWS.....

Additional Sheets Are Attached

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA01487SE

This certificate, issued to: **Garmin AT, Inc.
2345 Turner Road SE
Salem, OR 97302**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: *See attached Approved Model List (AML)
Make: No. SA01487SE for list of approved aircraft
Model: models and applicable airworthiness regulations.

Description of the Type Design Change: Installation of a GDL 69 or GDL 69A XM Satellite Receiver in accordance with Garmin Supplemental Type Certificate Master Data List, P/N 005-C0217-00, Revision A, dated December 20, 2004, or later FAA approved revision.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: March 22, 2004

Date reissued:

Date of issuance: December 20, 2004

Date amended:



By direction of the Administrator

Kenneth Rauhut
(Signature)

Acting Manager, Seattle Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.



U.S. 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 Verification:

INSTRUCTIONS: 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 1958)

1. Aircraft	Make CESSNA Serial No. 421C0158	Model 421C Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) ARK PARTNERS LLC	Address (As shown on registration certificate) 15 SW COLORADO AVE. STE 280 BEND, OREGON 97702

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	----- (As described in Item 1 above) -----			<input type="checkbox"/>	<input checked="" type="checkbox"/>
POWERPLANT				<input type="checkbox"/>	<input type="checkbox"/>
PROPELLER				<input type="checkbox"/>	<input type="checkbox"/>
APPLIANCE	Type			<input type="checkbox"/>	<input type="checkbox"/>
	Manufacturer			<input type="checkbox"/>	<input type="checkbox"/>

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
VISTA AVIATION INC 12653 OSBORNE STREET PACOIMA, CA. 91331	<input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	XW2R308L

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 AUGUST 08, 2007	Signature of Authorized Individual JOHN RHODES
-------------------------	---

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:	<input type="checkbox"/> FAA Fit. Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Inspection Authorization	Other (Specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection AUGUST 08, 2007	Certificate or Designation No. XW2R308L	Signature of Authorized Individual JOHN RHODES
--	--	---

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.

B. Description of Work Accomplished

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

INSPECTED GARMIN GNS 430 INSTALLATION PER STC SA 01933LA FOR UPGRADE TO 430 WAAS PER INSTALLATION MANUAL 190-00357-06. APPROVED MODEL LIST DATED NOVEMBER 6, 2006. INSPECTED ANTENNA MOUNTING WITHIN PRESSURE VESSEL AND REINFORCED PER DER 8110, INCLUDED. REPLACED COAX CBLE WITH LOW LOSS AS SPECIFIED. SUPPLIED STC APPROVED FLIGHT MANUAL SUPPLEMENT 190-00357-63. SUPPLIED INSTRUCTIONS FOR CONTINUED AIRWORTHINESS 190-00357-65
.....NOTHING ELSE FOLLOWS.....

Additional Sheets Are Attached



MAJOR REPAIR AND ALTERATION

(Airframe, Powerplant, Propeller or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Verification:

INSTRUCTIONS: 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 1958)

1. Aircraft	Make CESSNA	Model 421C	Serial No. 421C0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) ARK PARTNERS LLC	Address (As shown on registration certificate) 15 SW COLORADO AVE. STE 280 BEND, OREGON 97702		

3. For FAA Use Only

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	----- (As described in Item 1 above) -----			<input type="checkbox"/>	<input checked="" type="checkbox"/>
POWERPLANT				<input type="checkbox"/>	<input type="checkbox"/>
PROPELLER				<input type="checkbox"/>	<input type="checkbox"/>
APPLIANCE	Type			<input type="checkbox"/>	<input type="checkbox"/>
	Manufacturer			<input type="checkbox"/>	<input type="checkbox"/>

6. Conformity Statement

A. Agency's Name and Address VISTA AVIATION INC 12653 OSBORNE STREET PACOIMA, CA. 91331	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. XW2R308L
--	---	--------------------------------

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 AUGUST 08, 2007	Signature of Authorized Individual JOHN RHODES
-------------------------	---

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:	<input type="checkbox"/> FAA Fit. Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Inspection Authorization	Other (Specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection AUGUST 08, 2007	Certificate or Designation No. XW2R308L	Signature of Authorized Individual JOHN RHODES
--	--	---

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.

B. Description of Work Accomplished

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

INSPECTED GARMIN GNS530 INSTALLATION PER STC SA01933LA FOR UPGRADE TO 530 WAAS PER INSTALLATION MANUAL 190-00357-06. APPROVED MODEL LIST DATED NOVEMBER 6, 2006. INSPECTED ANTENNA MOUNTING WITHIN PRESSURE VESSEL AND REINFORCED PER DER 8110, INCLUDED. REPLACED COAX CABLE WITH LOW LOSS AS SPECIFIED. SUPPLIED STC APPROVED FLIGHT MANUAL SUPPLEMENT 190-00357-63. SUPPLIED INSTRUCTIONS FOR CONTINUED AIRWORTHINESS 190-00357-65
.....NOTHING ELSE FOLLOWS.....

Additional Sheets Are Attached

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	N/C		07/09/07	T. STRONG

GA 56 GPS ANTENNA REMOVAL AND GA 35 GPS REPLACEMENT (2 PLACES)
 (FOR ONE AIRCRAFT ONLY - A CESSNA 421C, S/N 421C0158, T/N N5288J)

8 FIG 1 - VIEW LOOKING DOWN AT INSTALLATION FROM OUTSIDE AIRCRAFT

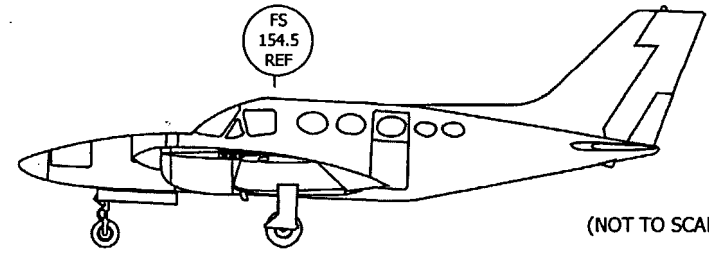
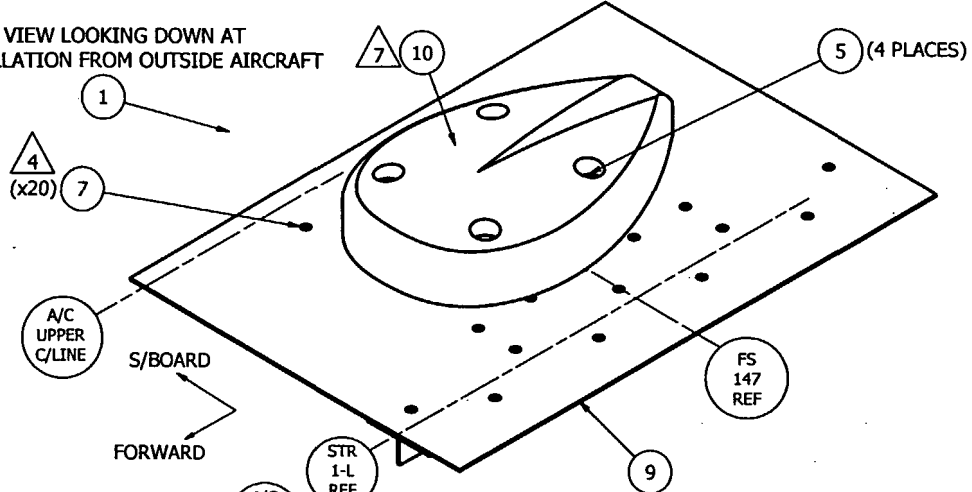


FIG 3 - LOCATION OF ANTENNA

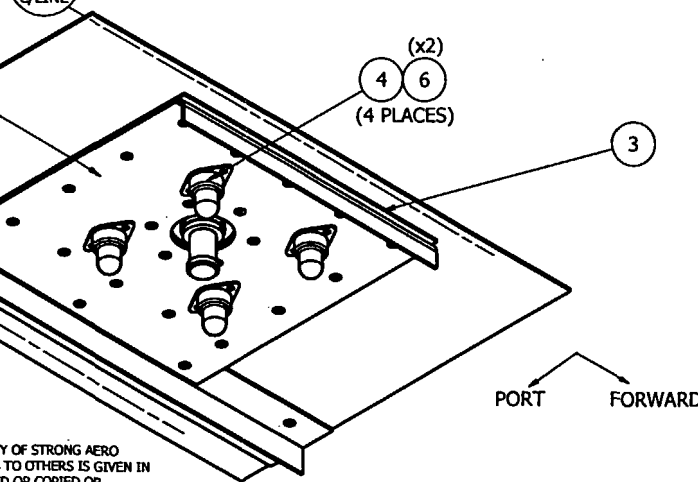


FIG 2 - VIEW LOOKING UP AT INSTALLATION FROM INSIDE AIRCRAFT

QTY	PART NUMBER	MATERIAL	DESCRIPTION	ITEM
1	-	-	GA 35 ANTENNA	10
1	(REF ONLY)	-	SKIN PANEL	9
1	(REF ONLY)	-	STRINGER S-1R	8
20	-	NAS1097AD4-X	1/8" SOLID ALUMINUM C/S RIVET	7
8	-	NAS1097AD4-X	3/32" SOLID ALUMINUM C/S RIVET	6
4	-	NAS517-2-XX	#8-32 BUTTON HEAD SCREW	5
4	-	NAS1473A08	#8-32 DOME NUT PLATE	4
1	(REF ONLY)	AL 2024-T3	SHIM, t = .032"	3
1	-1	AL 2024-T3	INTERNAL DOUBLER, t = .032"	2
-	-000	-	GA 35 ANTENNA REMOVAL AND REPLACEMENT	1

PROPRIETARY NOTICE
 THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF STRONG AERO ENGINEERING, AND ANY DISCLOSURE OF THE CONTENTS TO OTHERS IS GIVEN IN CONFIDENCE. THIS MATERIAL MUST NOT BE REPRODUCED OR COPIED OR OTHERWISE DISCLOSED IN WHOLE OR IN PART WITHOUT THE SPECIFIC APPROVAL OF STRONG AERO ENGINEERING, CA 91325. THE INFORMATION CONTAINED IN THE DOCUMENT IS CONFIDENTIAL AND MAY NOT BE DISCLOSED WITHOUT THE WRITTEN PERMISSION OF STRONG AERO ENGINEERING, COPYRIGHT 2007

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS ANGLES JOE & JET 300 & 210		APPROVALS:	DATE:	 www.strongaero.com TITLE: GA 56 GPS ANTENNA REMOVAL AND GA 35 GPS REPLACEMENT (2 PLACES)	
MATERIAL:		DRAWN BY:	T. STRONG		7/9/2007
FINISH:		CHECKED BY:	T. STRONG		7/9/2007
NEXT ASSY USED ON APPLICATION		ENGINEER:	T. STRONG		7/9/2007
DO NOT SCALE ON DRAWING		APPROVED:	T. STRONG	7/9/2007	

GA 56 GPS ANTENNA REMOVAL AND GA 35 GPS REPLACEMENT (2 PLACES)
(FOR ONE AIRCRAFT ONLY - A CESSNA 421C, S/N 421C0158, T/N N5288J)

NOTES:

1. THIS DRAWING DEFINES THE REMOVAL OF THE EXISTING GA 56 GPS ANTENNAS AT FS 147 L/H AND R/H 4.0 AND THEIR REPLACEMENT WITH TWO GA 35 GPS ANTENNAS. THE INSTALLATION INVOLVES THE REMOVAL OF THE EXISTING INTERNAL DOUBLER AND THEIR REPLACEMENT WITH A SHIM AND DOUBLER AS DEFINED BY THIS DRAWING

2. CHEM FILM PARTS AND ANY BARE METAL PER MIL-C-5541 (OR EQUIVALENT)
3. EPOXY PRIME PARTS AND ANY BARE METAL PER MIL-P-23377G
4. WET INSTALL RIVETS TO MIL-S-8802 (OR EQUIVALENT)
5. USE ORIGINAL GA 56 CONNECTOR HOLE AS DATUM REFERENCE
6. ATTACH NUTPLATE, (ITEM 4), TO -1 INTERNAL DOUBLER, (ITEM 2), USING NAS1097AD3 RIVETS, (ITEM 6)
7. INSTALL GARMIN GA 35 GPS ANTENNA, P/N 013-00235-00, AS PER MANUFACTURERS INSTRUCTIONS. PROTECT FASTENER HEADS USING RTV SEALANT, (DOW CORNING #732 - WHITE, OR EQUIVALENT). FILLET SEAL PERIPHERY OF ANTENNA BASE WITH PR-1422B1/2, (OR EQUIVALENT) TO COMPLETE INSTALLATION
8. L/H INSTALLATION SHOWN. R/H OPPOSITE AND IDENTICAL
9. THICKNESS OF SHIM TO MATCH THAT OF THE STRINGER FLANGE.
10. PICK UP THIS ROW OF FASTENERS ON INSTALLATION TO MATCH STRINGER FASTENER HOLES
11. CHECK FOR CLEARANCE BETWEEN VERTICAL FLANGE AND INTERNAL DOUBLER FOR THE GA 55 XM ANTENNA

GA 56 GPS ANTENNA REMOVAL AND GA 35 GPS REPLACEMENT (2 PLACES)
 (FOR ONE AIRCRAFT ONLY - A CESSNA 421C, S/N 421C0158, T/N N5288J)

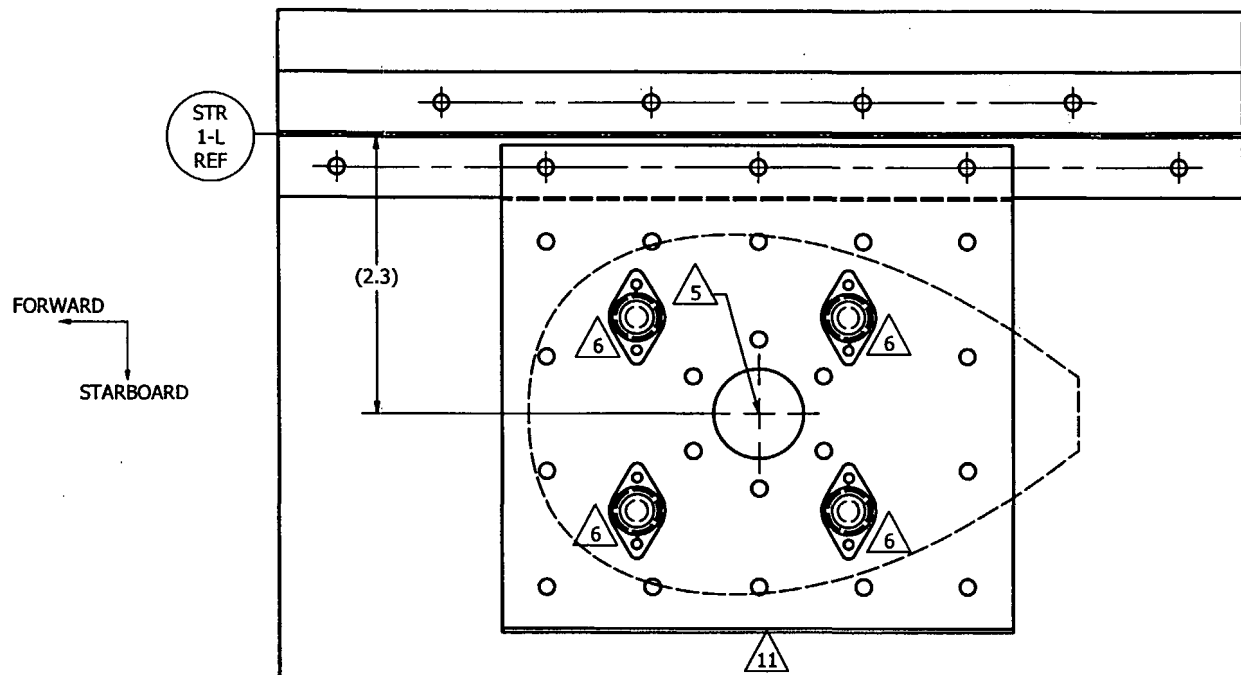


FIG 4 - VIEW LOOKING UP AT DOUBLER INSTALLATION (L/H)





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 civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make <i>Cessna</i>	Model <i>421C</i>
	Serial No. <i>421C-0158</i>	Nationality and Registration Mark <i>N5288T</i>
2. Owner	Name (As shown on registration certificate) <i>ARK Partners, LLC</i>	Address (As shown on registration certificate) <i>15 SW Colorado, Suite 280 Bend OR 97202</i>

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				
POWERPLANT	Teledyne Continental Motors	GTSIO-520-L	292327-R		x
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
RAM Aircraft, Limited Partnership PO Box 5219 Waco, Texas 76708	<input type="checkbox"/> U.S. Certificated Mechanic	Airframe Class III Powerplant Class I VA1R551K
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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>August 11, 2006</i>	Signature of Authorized Individual <i>Ronnie Veselka</i>
--------------------------------	---

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>August 11, 2006</i>	Certificate or Designation No. <i>VA1R551K</i>	Signature of Authorized Individual <i>Ronnie Veselka</i>		

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.)

Dated 08-11-06 Engine Previous Total: 1840.5

Engine modified per Dwg. 1514, Rev R dated 6/29/05 I/AW STC SE8338SW.

Relocated Turbo Oil Supply Line I/AW RAM Dwg. No. 1224, Rev. H dated 11/18/03 and installed locknuts on cylinder attachment studs I/AW Dwg. 1517, Rev. F dated 3/9/05 per STC SE8338SW.

TCM GTSIO-520 series engine crankshaft counterweights p/n 652833 are repaired in accordance with FAA approved procedures per RAM Drawing 2618, Rev. B dated 11-15-05. See engine log entry on Instructions for Continued Airworthiness.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to their local FSDO.

Negligible weight and balance change.

Customer furnished with FAA approved Overhaul and Parts Manual Supplements with Instructions for Continued Airworthiness for all alterations.

Pertinent details of the above installations are on file under Project No. 2893/31746.

-----END-----



U.S. 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

WP-05 LGB A-8

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 CESSNA	Model 421C
	Serial No. 421C-0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) ARK Partners, LLC	Address (As shown on registration certificate) 15 SW Colorado, Suite 280 Bend, OR 97702

3. For FAA Use Only

4. Unit Identification

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Jay's Aircraft Maintenance Inc. 2980 Airway Ave Costa Mesa, CA 92626	<input type="checkbox"/> U.S. Certificated Mechanic	JVYR016L CLASS 3
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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 08-23-02	Signature of Authorized Individual <i>[Signature]</i>
------------------	--

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	X	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 08-23-02			Certificate or Designation No. JVYR016L	Signature of Authorized Individual <i>[Signature]</i>	

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.)

Installed J.P. Instruments Twin Temperature Indicating system P/N EDM760 as per STC# SA00729SE in accordance with J. P. Instruments manual Report No. 760, dated 7/20/99 or later FAA approved revision.

***** NOTHING FOLLOWS *****

Additional Sheets Are Attached

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 AFW FSDO

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 <i>Cessna</i>	Model <i>421C</i>
	Serial No. <i>421C-0158</i>	Nationality and Registration Mark <i>N5288J</i>
2. Owner	Name (As shown on registration certificate) <i>ARK Partners, LLC</i>	Address (As shown on registration certificate) <i>15 SW Colorado, Suite 280 Bend, OR 97702</i>

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME					
POWERPLANT	TCM	GTSIO-520-L	292014-R		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address RAM AIRCRAFT, LIMITED PARTNERSHIP P. O. BOX 5219 WACO, TEXAS 76708	B. Kind of Agency		C. Certificate No. AIRFRAME CLASS III POWERPLANT CLASS I VA1R551K
	<input type="checkbox"/>	U. S. Certificated Mechanic	
	<input type="checkbox"/>	Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/>	Certificated Repair Station	
	<input type="checkbox"/>	Manufacturer	

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 July 26, 2002	Signature of Authorized Individual Daniel L. Bailey <i>Daniel L. Bailey</i>
----------------------------------	--

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 July 26, 2002	Certificate or Designation No. CRS VA1R551K	Signature of Authorized Individual Daniel L. Bailey <i>Daniel L. Bailey</i>
---	---	--

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.)

Cessna 421C-1051 N5288J

Dated 7-26-02 Engine Previous Total: 4358.1 (Est.)

Engine crankcase modified per Dwg. 1514, Rev. J dated 8/7/01 I/A/W STC SE8338SW.

Relocated Turbo Oil Supply Line I/A/W RAM Dwg. No. 1224, Rev. F dated 2/2/99 and installed locknuts on cylinder attachment studs I/A/W Dwg. 1517, Rev. D dated 3/14/01 and per STC SE8338SW.

Installed spring loaded induction hose clamps per Dwg. 1171, Rev. B dated 5/24/00 I/A/W STC SE3767SW.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to their local FSDO.

Negligible weight and balance change.

Customer furnished with FAA approved Overhaul and Parts Manual Supplements for all alterations.

Pertinent details of the above installations are on file under Project #317/3679.

-----END-----

WP01-1140752

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

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification
WP01-1140752

U.S. Department
of Transportation
Federal Aviation
Administration

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 Cessna	Model 421C
	Serial No. 421C0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) Arbini, Jerrold E. Tres Mesas	Address (As shown on registration certificate) 1325 Scwab P.O. Box 864 Red Bluff, CA 96080

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized by FAR Part 43, Section 43.7.

6661 8 0 AON

Valma L. Shaw
Signature of FAA Inspector

FAA INSPECTOR WP-FSDO-1

DATE

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

6. Conformity Statement

A. Agency's Name and Address Duncan Avionics 7435 Valjean Ave. Van Nuys, CA 91406	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input checked="" type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. YX2R335L
---	---	---------------------------------------

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 November 3, 1999	Signature of Authorized Individual <i>Timothy S. Curtis</i> Qualified Inspector
---------------------------------	--

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 Flt. 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 November 3, 1999	Certificate or Designation No. YX2R335L	Signature of Authorized Individual <i>Timothy S. Curtis</i> Qualified Inspector
--	---	--

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.)

- 1) Remove the existing stand alone IIMorrow Apollo 618 System consisting of a RNAV unit p/n 430-0193-010.
- 2) Installed a stand alone Bendix/King KLN-90B GPS RNAV System. The system consists of a Bendix/King KLN-90B GPS RNAV Unit p/n 066-04031-1122(TSO C129), a Bendix/King KLN-90B Mounting Rack p/n 071-0154-0000 and a Bendix/King KA-92 GPS Antenna p/n 071-01553-0200(TSO C129).
- 3) The KA-92 GPS Antenna was installed by Aeroshear Aviation Services in accordance with FAA Form 8110-3 approved by Richard A. Stern DERT-605546-NM substantiating the GPS Antenna installation outlined in Aircraft Technical Service, Inc. Report No. 2075.
- 4) The KLN-90B receives power Main Electrical Bus via an existing 5amp circuit breaker.
- 5) The KLN-90B System was installed per the Bendix/King KLN-90B GPS RNAV Installation Manual p/n 006-10521-0004 Rev. 4 dated October, 1997 and applicable sections of AC 43.13-1A, 2A.
- 6) System Placarded "GPS NOT APPROVED FOR IFR NAVIGATION".
- 7) KLN-90B Pilots Guide p/n 006-08773-0000 Rev. 1 dated 05/97 was placed onboard the aircraft.
- 8) Instructions for continued airworthiness:
The installed KLN-90B system will be maintained per the Bendix/King GPS RNAV Installation Manual p/n 006-10521-0004 Rev. 4 dated October, 1997 or later revision and will be inspected on an annual basis for wire chaffing, wear and general integrity of the system.
- 9) Aircraft Weight and Balance change is negligible, equipment list updated and Logbook entry completed.
- 10) A detailed description of the work performed is on file at Duncan Avionics-Van Nuys under Work Order C84PA.

-----END-----

X

Additional Sheets Are Attached



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

(Signature) WP25

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 Cessna	Model 421C
	Serial No. 421C0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) Arbini Jerrold E Tres Mesas	Address (As shown on registration certificate) 1325 Scwab P.O. Box 864 Red Bluff CA 96080

3. For FAA Use Only

~~The data/alteration identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7.~~

~~Date **Larry J. Stocowski**
Airworthiness Inspector WP25SDQ-25~~

4. Unit Identification

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

6. Conformity Statement

A. Agency's Name and Address David J. Hall 3071 White Oak Drive Cottonwood, CA 96022	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. <div style="text-align: center; font-size: 1.2em;">AP2020957</div>
--	---	---

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 10-26-98	Signature of Authorized Individual <i>(Signature)</i>
-------------------------	--

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	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 10-26-98		Certificate or Designation No. AP2020957IA		Signature of Authorized Individual <i>(Signature)</i>	

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.)

Inspected installation Sony Stereo system Model XR7100 and Astron Voltage Regulator Model 2412. All work was done using best shop practices with references to AC43.13 Chg. 3 Chapters 11 Sections 2, 3, Chapter 15 Sections 1, 2, 6, and AC43.13-2A Chapters 1, 2, 3. These units are mounted behind the Pilot on the aft side of the cabin partition.

The above installation was accomplished by person or persons unknown.

NOTE: The following placard is required in full view of the Pilot:

"Stereo Not For Use Night Or IFR"

END

Additional Sheets Are Attached



U.S. 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

[Handwritten Signature]

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 Cessna	Model 421C
	Serial No. 421C0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) Arbini Jerrold E Tres Mesas	Address (As shown on registration certificate) 1325 Scwab P.O. Box 864 Red Bluff CA 96080

3. For FAA Use Only

~~The data/alteration identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7.~~

Date **10-26-98** **Larry L. Zloczewski**
Airworthiness Inspector WP-FSDO-25

4. Unit Identification

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

6. Conformity Statement

A. Agency's Name and Address David J. Hall 3071 White Oak Drive Cottonwood, CA 96022	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. AP2020957
---	---	---

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 10-26-98	Signature of Authorized Individual <i>David J. Hall</i>
-------------------------	--

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	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 10-26-98		Certificate or Designation No. AP2020957IA		Signature of Authorized Individual <i>David J. Hall</i>	

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.)

1. Inspected installation of Apollo 618 Loran.
2. This unit is mounted on the lower center pedestal.
3. This unit was installed using best shop practices using AC-20-121, AC 43.13-1A Chapter 11 Sections 1, 2, 3, 7, AC 43.13-2A Chapters 2, 3, as references.
4. A operational test was done. The equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft.
5. This unit was installed by person or persons unknown.

NOTE: The following placard shall be in full view of the Pilot:

"LORAN for VFR use ONLY"

END

Additional Sheets Are Attached



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

WP 25

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 Cessna	Model 421C
	Serial No. 421C0158	Nationality and Registration Mark N5288J
2. Owner	Name (As shown on registration certificate) Arbini Jerrold E Tres Mesas	Address (As shown on registration certificate) 1325 Swab P.O. Box 864 Red Bluff CA 96080

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 David J. Hall 3071 White Oak Dr. Cottonwood, CA 96022	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. AP2020957
--	---	--

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 9-19-96	Signature of Authorized Individual
------------------------	---

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 Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 9-19-96		Certificate or Designation No. IA2020957AP		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.)

1. Removed original air filter assemblies for both left and right engines.
2. Installed new air cleaner assemblies for both left and right engines P/N BA-108 per Brackett STC SA71GL. All work was done in accordance with Brackett instruction sheet P/N BA-108-E dated Rev. 8-23-88.

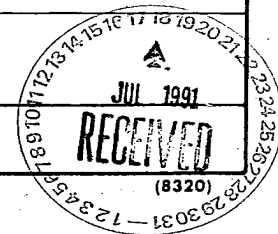
-----END-----

RECEIVED
SEP 25 1996
S. J. M. A. S. S.

Additional Sheets Are Attached

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1		
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY		
				OFFICE IDENTIFICATION FAT FSDO		
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.						
1. AIRCRAFT	MAKE	CESSNA	MODEL	421C		
	SERIAL NO.	421C-0158	NATIONALITY AND REGISTRATION MARK	USA N5288J		
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)			
	Woolf, Jerry		1735 28th Street Bakersfield, CA 93301			
3. FOR FAA USE ONLY						
4. UNIT IDENTIFICATION						
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE		
AIRFRAME	***** (As described in item 1 above) *****				REPAIR	ALTERATION
POWERPLANT	TCM	GTSIO-520-L	L-241235.R		X	
PROPELLER						
APPLIANCE	TYPE					
	MANUFACTURER					
6. CONFORMITY STATEMENT						
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.		
RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708		U.S. CERTIFICATED MECHANIC		VAIR551K		
		FOREIGN CERTIFICATED MECHANIC				
		<input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION				
		MANUFACTURER				
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		SIGNATURE OF AUTHORIZED INDIVIDUAL				
6/27/91		John Sator				
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED						
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)		
	FAA DESIGNEE	<input checked="" type="checkbox"/> REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT			
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL			
6/27/91		VAIR551K	John Sator			

FAA Form 337 (7-67)



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.)

Installed Bendix pressurized magnetos p/n S6LN 1251 and 1255 per Dwg. 1029, Rev. I, dated 2/29/90. Installed I/A/W STC SE4591SW.

Installed spring load induction hose clamps per Dwg. 1171 dated 5/23/85 I/A/W STC SE3767SW.

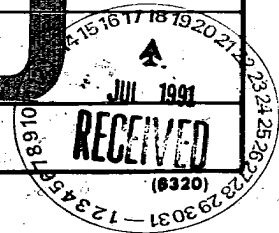
Negligible weight and balance change.

Pertinent details of the above installations are on file under work order #11735/A9325.

END

ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
				OFFICE IDENTIFICATION FAT FSDO	
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.					
1. AIRCRAFT	MAKE	CESSNA	MODEL	421C	
	SERIAL NO.	421C-0158	NATIONALITY AND REGISTRATION MARK	USA N5288J	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	Woolf, Jerry		1735 28th Street Bakersfield, CA 93301		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	V (As described in item 1 above)				
POWERPLANT	PT6	GTSIO-520-L	L-241235.R		X
PROPELLER	O				
APPLIANCE	TYPE				
	MANUFACTURER				
CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708			<input type="checkbox"/> U.S. CERTIFIED MECHANIC <input type="checkbox"/> FOREIGN CERTIFIED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		VAIR551K
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 6/27/91			SIGNATURE OF AUTHORIZED INDIVIDUAL John Sator		
7. APPROVAL FOR RETURN TO SERVICE					
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED in accordance with the requirements prescribed by the Administrator.					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	D	
DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL			
6/27/91	VAIR551K	John Sator			



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.)

Installed Bendix pressurized magnetos p/n 86LN 1251 and 1255 per Dwg. 1029 Rev I, dated 2/29/90. Installed I/A/W STC SE45916W.

Installed spring load induction hose clamps per Dwg. 1171 dated 5/28/90 I/A/W STC SE3767SW.

Negligible weight and balance change.

Pertinent details of the above installations are on file under work order #11735/A9325.

**V
O
I
D**

ADDITIONAL SHEETS ARE ATTACHED

RECEIVED

SEP 26 1990
FAA DALLAS

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION
DAL FSDO

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.

1. AIRCRAFT	MAKE <i>Cessna</i>	MODEL <i>421C</i>
	SERIAL NO. <i>421C0158</i>	NATIONALITY AND REGISTRATION MARK <i>N5288J</i>
2. OWNER	NAME (As shown on registration certificate) <i>Murray Holland</i>	ADDRESS (As shown on registration certificate) <i>3120 Inverness Dr. Waco, TX 76710</i>

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
				REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS <i>Rowe Henley % Henley's Aircraft Service P.O. Box 578 Addison, TX 75001</i>	B. KIND OF AGENCY		C. CERTIFICATE NO. <i>1360803</i>
	<input checked="" type="checkbox"/>	U.S. CERTIFICATED MECHANIC	
	<input type="checkbox"/>	FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/>	CERTIFICATED REPAIR STATION	
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>9-24-90</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Rowe Henley</i>
------------------------	--

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 FT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	<input type="checkbox"/>	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION <i>9-24-90</i>		CERTIFICATE OR DESIGNATION NO. <i>IA 1360803</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Rowe Henley</i>		

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.)

INSTALLED CLEVELAND BRAKE CONVERSION KIT.
PN 199-76 IN ACCORDANCE WITH STC SA 197 GL.
WEIGHT CHANGE NEGLIGABLE.

----- E N D -----

ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller or Appliance)		Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION 40-02			
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43.13, FAR 43.15, FAR 43.16, FAR 43.17, FAR 43.18, FAR 43.19, FAR 43.20, FAR 43.21, FAR 43.22, FAR 43.23, FAR 43.24, FAR 43.25, FAR 43.26, FAR 43.27, FAR 43.28, FAR 43.29, FAR 43.30, FAR 43.31, FAR 43.32, FAR 43.33, FAR 43.34, FAR 43.35, FAR 43.36, FAR 43.37, FAR 43.38, FAR 43.39, FAR 43.40, FAR 43.41, FAR 43.42, FAR 43.43, FAR 43.44, FAR 43.45, FAR 43.46, FAR 43.47, FAR 43.48, FAR 43.49, FAR 43.50, FAR 43.51, FAR 43.52, FAR 43.53, FAR 43.54, FAR 43.55, FAR 43.56, FAR 43.57, FAR 43.58, FAR 43.59, FAR 43.60, FAR 43.61, FAR 43.62, FAR 43.63, FAR 43.64, FAR 43.65, FAR 43.66, FAR 43.67, FAR 43.68, FAR 43.69, FAR 43.70, FAR 43.71, FAR 43.72, FAR 43.73, FAR 43.74, FAR 43.75, FAR 43.76, FAR 43.77, FAR 43.78, FAR 43.79, FAR 43.80, FAR 43.81, FAR 43.82, FAR 43.83, FAR 43.84, FAR 43.85, FAR 43.86, FAR 43.87, FAR 43.88, FAR 43.89, FAR 43.90, FAR 43.91, FAR 43.92, FAR 43.93, FAR 43.94, FAR 43.95, FAR 43.96, FAR 43.97, FAR 43.98, FAR 43.99, FAR 43.100 (or subsequent revision thereof)					
1. AIRCRAFT	MAKE CESSNA SERIAL NO. 0158	MODEL 421C NATIONALITY AND REGISTRATION MARK N-5288J			
2. OWNER	NAME (As shown on registration certificate) SYMTRON CORPORATION	ADDRESS (As shown on registration certificate) 1988 LOGHORN MOUNTAIN VIEW CALIFORNIA 94043			
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
DEL MONTE AVIATION, INC. P. O. Box 1311 - Monterey, California 93940 FAA Repair Sta #4639		<input type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		4639	
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	SIGNATURE OF AUTHORIZED INDIVIDUAL				
DEC 6 1979	Louis A. Conant DMTA 4639				
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION		OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL			
DEC 6 1979		Louis A. Conant			

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.)

ITEM A: INSTALLED HOSKINS SYMBOLIC DISPLAY FUEL FLOW SYSTEM P/N 701921-2 MODEL CFS2000. SYSTEM INSTALLED IN ACCORDANCE WITH INSTRUCTIONS AND DRAWING 421001 FURNISHED BY HOSKINS SYMBOLIC DISPLAY INC. SYSTEM APPROVED BY FAA STC2780SW.

ITEM B: INSTALLED DAVTRON CLOCK MODEL 811B IN ACCORDANCE WITH INSTRUCTIONS FURNISHED BY DAVTRON INC.

ITEM C: ADVISORY CIRCULAR 43.13-2A CHAPTER 2 USED AS OUTLINE FOR INSTALLATION OF ITEMS A AND B.

AIRCRAFT RECORDS HAVE BEEN AMENDED.

-----END-----

ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		Form Approved Budget Bureau No. 04-ROGO.1 FOR FAA USE ONLY OFFICE IDENTIFICATION SGC GARD 4-002			
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.					
1. AIRCRAFT	MAKE	CESSNA	MODEL	421C	
	SERIAL NO.	421C0158	NATIONALITY AND REGISTRATION MARK	N-5288J	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	DEL MONTE AVIATION		POST OFFICE BOX 1311 MONTEREY, CALIFORNIA 93940		
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		B. KIND OF AGENCY		C. CERTIFICATE NO.	
DEL MONTE AVIATION INC. P.O. BOX 1311 - (408) 373-1511 TELEX - 351419 - DELMUNTEAY MNTY MONTEREY, CALIFORNIA 93940 FAA REPAIR STA. #439		U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION MANUFACTURER		4639	
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	SIGNATURE OF AUTHORIZED INDIVIDUAL		(Stamp: DMR 4639 I.V.) <i>Louis A. Senault</i>		
MAR 2 1977					
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL			
MAR 2 1977	4639	<i>Louis A. Senault</i>			

