

337s



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 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)).

<b>1. Aircraft</b>	Nationality and Registration Mark USA N9923Y	Serial No. 21064641	
	Make CESSNA	Model T210N	Series
<b>2. Owner</b>	Name (As shown on registration certificate) TOYS FOR BOYS, INC.	Address (As shown on registration certificate)	
		Address 1266 GREENLAND TERRACE City DELAND State FLORIDA Zip 32720-2532 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**

<b>A. Agency's Name and Address</b>		<b>B. Kind of Agency</b>		
Name	GINTAS SMAGURAUSKAS	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	Manufacturer	
Address	1360 FLIGHTLINE BLVD.		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No. A&P 2689017
City	DELAND State FLORIDA		<input type="checkbox"/> Certificated Repair Station	
Zip	32724 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 
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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	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. A&P 2689017 IA	Signature/Date of Authorized Individual 	1/12/2012
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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.)

USA N9923Y

Nationality and Registration Mark

1/12/2012

Date

INSTALLED JP INSTRUMENTS EDM-830 6- CYLINDER KIT I.A.W. STC# SA2586NM  
INSTALLED JP INSTRUMENTS EGT-701-6CR/MFDL KIT I.A.W. STC#SA00432SE

BOTH KITS WERE INSTALLED USING JP INSTRUMENTS INSTALLATION MANUALS, CESSNA MAINTENANCE MANUAL, CONTINENTAL MOTORS SERVICE MANUAL, AND AC43-13

THE SYSTEM WAS TESTED AND FOUND TO OPERATE PROPERLY WITH ALL ENGINE FUNCTIONS IN THE "NORMAL" RANGES.

THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS WERE PLACED IN LOG BOOK

\*\*\*\*\* NOTHING FOLLOWS \*\*\*\*\*

Additional Sheets Are Attached

# Supplemental Type Certificate

Number SA2586NM

This Certificate issued to J. P. INSTRUMENTS  
PO Box 7033  
Huntington Beach, CA 92646

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 Aviation Regulations, including respective Amendments as specified in the attached Approved Model List.

Original Product Type Certificate Number: \* See attached FAA Approved J.P. Instruments

Model: \* Master Eligibility List No. SA2586NM for list

This certificate and its 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: December 31, 1984

Date of issuance: August 14, 1985

Date revised:

Date amended: July 13, 1987, November 13,  
1992, December 19, 1996, May 15, 1998,  
June 17, 1999

By direction of the Administrator



*J. P. Schuster*  
(Signature)  
Manager, Propulsion Branch  
Los Angeles 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.

27.	Boeing Boeing	17-30,-A, 17-31,-A, 17-31TC,-A, (STEARMAN) A75L3,75,A75, B75, E75, A75, A75L300, IB75A, E75N1 A75J1, A75N1, B75N1, D75N1	A-743 A-743	(9), (E) (7), (C)
28.	Cessna	140	3A43	(4), (A)
29.	Cessna	120, 140, with 0-200 Conversion per STC-SA547EA 140A, with 0-200 Conversion per STC-SA547EA	A-768 A-5A2	(4), (A) (4), (A)
30.	Cessna	150,A,B,C,D,E,F,G,H,J,K A150K, 150L, A150L, 150M, A150M, 152, A152	3A19	(4), (A)
31.	Cessna	170, 170A, 170B	A-799	(6), (B)
32.	Cessna Cessna Cessna Cessna	172,172A,B,C,D,E,F,G,H,  172I,K,L,M,N,P,Q,R,S,T  172RG, P172D  R172E,F,G,H,J,K,175,175A,B,C	3A12 3A12 3A17 3A17	(6), (B) (4), (A) (4), (A) (6), (B)
33.	Cessna Cessna	177,177A, 177B  177RG	A13CE A20CE	(4), (A) (4), (A)
34.	Cessna Cessna	180,180A,B,C,D,E,F,G,H,J,K  182,182A,B,C,D,E,F,G,H,J,K, 182L,M,N,P,Q,R,S,T R182, T182, TR182, 182RS, T182T,	5A6 3A12	(6), (B) (6), (B)
35.	Cessna	182,182A,B,C,D,E,F,G,H,J,K, 182L,M,N,P,Q,R,S,T R182, T182, TR182, 182RS, T182T,	3A12	(6), (B)
37.	Cessna	185,185A,B,C,D,E,A185E,A185F	3A12	(6), (B)
38.	Cessna	185,185A,B,C,D,E,A185E,A185F	3A12	(6), (B)
39.	Cessna	185,185A,B,C,D,E,A185E,A185F A185B,T185C	3A12	(6), (B)
40.	Cessna	185,185A,B,C,D,E,A185E,A185F	3A12	(6), (B)
41.	Cessna	206,206A,B,C,D,E,F,G TP206A,B,C,D,E, U206,U206A,B,C,D,E,F,G, TU206A,B,C,D,E,F,G T206H	3A12	(6), (B)
42.	Cessna	U206,U206A,B,C,D,E,F,G, (Conv. Per STC 2123 NM)	A4CE	(6*), (B*)
43.	Cessna	207,207A,T207,T207A	A16CE	(6*), (B*)
44.	Cessna	210,210A,B,C,D,E,F 210-5,210-5A,T210F,210G, T210G,210H,T210H,210J,T210J, T210K,210K,210L,T210L,210M, T210M,210N,P210N,T210N,210R P210R,T210R	3A21	(6*), (B*)
45.	Cessna	310,310A,B,C,D,E,F,G,H E310H,310I,J,K,L,N,P,Q,R 310J-1,E310J,T310P,Q,R T310Q,310R,T310R	3A10	(6T*), (BT*)
46.	Cessna	321	3A11	(6T), (BT)
47.	Cessna	320,A,B,C,D,E,F,320-1,335, 340(,340A	3A25	(6T*), (BT*)
48.	Cessna	336	A2CE	(6T), (BT)
49.	Cessna	T303	A34CE	(6T*), (BT*)
50.	Cessna	337, 337A,B,C,D,E,F,G,H T337B,C,D,E,F,G,H, M337B,P337H,T337H-SP	A6CE	(6T*), (BT*)
51.	Cessna	401, 401A,B, 402,402A,B,C,	A7CE	(6T*), (BT*)

FAA approved AFM Supplement is required with the EGT-701. The EGT-701 is applicable to all EGT-100/200 series. RPM and MAP applicable to the PW EGT-701, 4 and 6 cylinder engines only. Revision 14

ELIGIBLE PART NUMBERS for EGT-701

Note (1) suffix \*T\* designates twins, two instruments required.  
Note (2) suffix \*\* denotes turbocharged engines.

Part number Series

4 4 Cylinder with RPM & MAP	4 4 Cylinder	6 6 Cylinder with RPM & MAP	6 6 Cylinder	7 7 Cylinder	8 8 Cylinder	9 9 Cylinder	TIT
EGT-701(-)	EGT-701(-)	EGT-701(-)	EGT-701(-)	EGT-701(-)	EGT-701(-)	EGT-701(-)	
4C R/M	4C	6C R/M	6C	7C	8C	9C	
4C0R/M	4C0	6C0 R/M	6C0	7C0	8C0	9C0	
4CA R/M	4CA	6CA R/M	6CA	7CA	8CA	9CA	
4CT R/M	4CT	6CT R/M	6CT	7CT	8CT	9CT	
4CI R/M	4CI	6CI R/M	6CI	7CI	8CI	9CI	
4CF R/M	4CF	6CF R/M	6CF	7CF	8CF	9CF	
4COA R/M	4COA	6COA R/M	6COA	7COA	8COA	9COA	
4COT R/M	4COT	6COT R/M	6COT	7COT	8COT	9COT	
4COI R/M	4COI	6COI R/M	6COI	7COI	8COI	9COI	
4COF R/M	4COF	6COF R/M	6COF	7COF	8COF	9COF	
4COAT R/M	4COAT	6COAT R/M	6COAT	7COAT	8COAT	9COAT	
4COAI R/M	4COAI	6COAI R/M	6COAI	7COAI	8COAI	9COAI	
4COAF R/M	4COAF	6COAF R/M	6COAF	7COAF	8COAF	9COAF	
4COATI R/M	4COATI	6COATI R/M	6COATI	7COATI	8COATI	9COATI	
4COATF R/M	4COATF	6COATF R/M	6COATF	7COATF	8COATF	9COATF	
4COTI R/M	4COTI	6COTI R/M	6COTI	7COTI	8COTI	9COTI	
4COTF R/M	4COTF	6COTF R/M	6COTF	7COTF	8COTF	9COTF	
4COIT R/M	4COIT	6COIT R/M	6COIT	7COIT	8COIT	9COIT	
4COTIF R/M	4COTIF	6COTIF R/M	6COTIF	7COTIF	8COTIF	9COTIF	
4COIF R/M	4COIF	6COIF R/M	6COIF	7COIF	8COIF	9COIF	
4COITF R/M	4COITF	6COITF R/M	6COITF	7COITF	8COITF	9COITF	

ELIGIBLE PART NUMBERS for EGT-100

Note (1) suffix \*T\* designates EGT-200 ( ) series for twins  
Note (2) suffix \*\* denotes for turbocharged engines.

Part number Series

A 4 cylinder	B 6 cylinder	C 7 cylinder	D 8 cylinder	E 9 cylinder	TIT
EGT-100(-)	EGT-100(-)	EGT-100(-)	EGT-100(-)	EGT-100(-)	
4	6	7	8	9	
4C	6C	7C	8C	9C	
4C0	6C0	7C0			
4CA	6CA	7CA			
4CT	6CT	7CT			
4CI	6CI	7CI			
4COA	6COA	7COA			
4COT	6COT	7COT			
4COI	6COI	7COI			
4COAT	6COAT	7CAT			
4COAI	6COAI	7CAI			
4COATI	6COATI	7CTI			
4COIT	6COIT				
4CAT	6CAT				
4CAI	6CAI				
4CATI	6CATI				
4CTI	6CTI				

Example: see page 2

Cessna 310 (6T\*)

6 = any PN in that column except \* items in TIT column

T = Requires two instruments

\* = Includes TIT (turbocharged a/c only)

FAA approved AFM Supplement is required with the EGT-701. The EGT-701 is applicable to all EGT-100/200 series. RPM and MAP applicable to the PW EGT-701, 4 and 6 cylinder engines only. Revision 14

# Supplemental Type Certificate

Number SA00432SE

This certificate, issued to J. P. Instruments  
P.O. Box 7033  
Huntington Beach, CA 92646

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 21 of the Regulations.

Original Product—Type Certificate Number: \*See attached FAA Approved Model List (AML)  
Make: No. SA00432SE for a list of approved airplane  
Model: models and applicable airworthiness regulations.

Description of the Type Design Change: Fuel flow transducer installed in accordance with J.P. Instruments (JPI) Fuel Flow Installation Manual, Report No. 503, Revision B, dated March 14, 1997, and manufactured in accordance with JPI Drawing List Report No. 500 Revision B, dated March 14, 1997.

Note: This STC requires the installation of either:

1. JPI Fuel flow option with the EGT-701 temperature indicating system per STC SA2586NM; or
2. JPI FS-450 fuel flow indicating system per STC SA00861SE.

Limitations and Conditions: Approval of this change in type design applies to the aircraft models listed on the AML only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate, and FAA Approved Model List (AML) No. SA00432SE 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.

The certificate and the supporting data which is the basis for approval shall remain in effect until the certificate is amended, suspended, or annulled by the Administrator.

Date of application: January 3, 1997  
Date of issuance: May 2, 1997

Date revised:  
Date amended: December 18, 2000



By Alvin Johnson  
(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.

FAA Form 8130-2 (10-43)

Subject: Permission to use STC.  
To Whom It May Concern:

J.P. Instruments holder of STC SA00432SE and STC SA00861SE grants to the purchaser of the EDM-700 series (PN EGT-701) or the (FS-450) PN 450000 Series FUEL FLOW INSTALLATION permission to use the STC SA00432SE, or SA00861SE

Signed \_\_\_\_\_

J.P. INSTRUMENTS FAA APPROVED MODEL LIST (AML) FOR :

- 1 INSTALLATION OF THE EGT 701 SERIES FUEL FLOW TRANSDUCER NO SA00432SE
  - 2- INSTALLATION OF THE (FS-450) 450000 SRIES STC SA 00861SE
- FUEL FLOW INSTRUMENT and TRANSDUCER

38	Bellanca	17-30A, 17-31, -A,	1A3	FAR 23	2/9/04
39	Bellanca	17-31ATC	1A3	FAR 23	2/9/04
40	Boeing Stearman	75, A75, E75, A75L300, A75, B75, A75N1, A75J1	A-743	CAR 4a	12/18/09
41	Boeing (Stearman)	A75L3 IB75A, E75N1, B75N1, D75N1	A-743	CAR 4a	7/6/09
42	Cessna	120, 140,	A-768	CAR 3	12/18/00
43	Cessna	140A	5A2	CAR 3	12/18/00
44	Cessna	150, 150A, B, C, D, E, F, G, H, J, K, L, M, A150K, A150L, A150M, 152, A152	3A19	CAR 3	4/9/02
45	Cessna	170, 170A, B	A-799	CAR 3	12/18/09
46	Cessna	172, 172A, B, C, D, E, F, G, H,	3A12	CAR 3	12/18/09
47	Cessna	172I, K, L, M, N, P, Q	3A12	FAR 23	12/18/09
48	Cessna	172S	3A12	FAR 23	12/18/09
49	Cessna	172RG, R172E, F, G, H, J, K, 175, 175A, B, C, P172D	3A17	CAR 3	12/18/09
50	Cessna	177, 177A, 177B	A13CE	FAR 23	12/18/09
51	Cessna	177RG	A20CE	FAR 23	12/18/09
52	Cessna	180, 180A, B, C, D, E, F, G, H, J, K	5A6	CAR 3	12/18/09
53	Cessna	182, 182A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R	3A13	CAR 3	12/18/09
54	Cessna	182T, T182T	3A13	CAR 3	12/18/00
55	Cessna	182 Series, Air Planes Corp.	3A13	CAR3	12/18/09
56	Cessna	182S	3A13	FAR 23	12/18/09
57	Cessna	R182, T182, TR182	3A13	CAR 3	12/18/09
58	Cessna	185, 185A, B, C, D, E, A185E, A185F	3A24	CAR 3	12/18/09
59	Cessna	188, 188A, 188B, A188, A188A, A188B, T188C	A9CE	FAR 21	12/18/09
60	Cessna	195, -A, -B	A-790	CAR 3	12/18/09
61	Cessna	206, P206, P206A, B, C, D, E, TP206A, B, C, D, E, U206, U206A, B, C, D, E, F, G, TU206A, B, C, D, E, F, G	A4CE	CAR 3	12/18/09
62	Cessna	206H	A4CE	CAR 3	12/18/00
63	Cessna	T206H	A4CE	FAR 23	12/18/09
64	Cessna	207, 207A, T207, T207A	A16CE	FAR 23	12/18/09
65	Cessna	210, 210A, B, C, D, E, F 210-5, 210-5A, T210F, T10G, T210G, 210H, T210H, 210J, T210K, T210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, 210R, T210R	3A21	FAR 23	12/18/09
66	Cessna	T303	A34CE	FAR 23	1/27/03
67	Cessna	310, 310A, B, C, D, E, F, G, H, E310H, E310J, 310I, J, K, L, N, P, Q, R 310J-1, T310P, Q, R, T310Q, 310R, T310R	3A10	CAR 3	12/18/09
68	Cessna	320, A, B, C, D, E, F, 320-1, 335, 340, 340A	3A25	CAR 3	12/18/09
69	Cessna	335	A2CE	CAR 3	12/18/09
70	Cessna	337, 337A, B, C, D, E, F, G, H, T337B, C, D, E, F, G, H, M337B, P337H, T337H-SP	A6CE	CAR 3	12/18/09
71	Cessna	401, 401A, B, 402, 402A, B, C, 411, 411A, 414, 414A, 421, 421A 421B, 421C	A7CE	CAR 3	12/18/09
72	Cessna	404	A25CE	FAR 23	2/9/04
73	Cessna (Columbia)	LC41-550FG)	A00003 SE	FAR-23	7/6/09
74	Chaparral Motors (Great Lakes)	2T-1A-1, -2	A18EA	AERO BULL 7-A FAR 23	7/6/09
75	Cirrus	SR-20	A00009 CH	FAR 23	12/18/00
76	Cirrus	SR-22	A00009 CH	FAR 23	1/27/03
77	Commander (Gulfstream America)	112, B, TC, TCA, 114, A, B, TC	A12SO	FAR 23	12/18/09
78	Consolidated		1A13	CAR 3	7/6/09

J.P. INSTRUMENTS FAA APPROVED MODEL LIST (AML) FOR :

- 1 INSTALLATION OF THE EGT 701 SERIES FUEL FLOW TRANSDUCER NO SA00432SE
  - 2- INSTALLATION OF THE (FS-450) 450000 SRIES STC SA 00861SE
- FUEL FLOW INSTRUMENT and TRANSDUCER

	Aeronautical (LanShe)	LAKE 250			
79	De Havilland	DHC-2 Mk. I	A808	CAR 3	7/6/09
80	Enstrom Helicopter	F-28A	H1CE	CAR 6	7/6/09
81	EXTRA FLUGZEUGBAU	EA-300, S, L, EA-300/200	A67EU	FAR 21.29 FAR 23	12/18/09
82	EXTRA FLUGZEUGBAU	EA-400	A43CE	FAR 23	4/9/02
83	GENERAL AVIA	F20	A38EU	CAR 3	12/18/09
84	GENERAL AVIA	F22B F22C	A75EU	FAR 23	12/18/09
85	Grumman (Dennis Buehn)	HU-16C	A23NM	FAR 21.25	1/27/03
86	Grumman	G-44, G44A,	A-734	CAR 4A	11/30/05
87	Helio (Alliance Aircraft)	H-295, HT-295, H-395	1A8	CAR 3	1/27/03
88	Helio (Alliance Aircraft)	H-391B	1A8	CAR 3	2/9/04
89	Helio (Alliance Aircraft)	H-391, H-800	1A8	CAR 3	11/30/05
90	Hughes Helicopter (Schweizer)	269A, 269A-1, 269B, 269C	4H12	CAR 6	7/6/09
91	Jobmaster Company	DGA-15P (Army UC-70, Navy GH-1, GH-2, GH-3, NH-1)	A-717	CAR 4a	12/18/09
92	Lancair	LC40-550FG	A00003 SE	FAR-23	12/18/00
93	LanShe Aerospace LLC. (Micco)	MAC-145B	3A1	FAR23	2/9/04
94	Maule	MX-7-180, A, B MXT-7-180, A, B	3A23	CAR 3	12/18/09
95	Maule	MXT-7-160	3A23	CAR 3	1/27/03
96	Maule	M-7-260	3A23	CAR 3	12/18/09
97	Maule	M-7-260C, MT-7-260,	3A23	CAR 3	4/9/02
98	Maule	M-4-210, C, S, T, M-5-210C	3A23	CAR 3	12/18/09
99	Maule	M-5-180C, MX-7-180C, MX-7-235, -235C; M-4-220	3A23	CAR 3	7/6/09
10	Maule	M-5-200	3A23	CAR 3	2/9/04
10	Maule	M-5-235C	3A23	CAR 3	12/18/09
10	Maule	M-4-220C	3A23	CAR 3	12/18/00
10	Maule	M-4-220S,T, M5-235,	3A23	CAR 3	11/30/05
10	Maule	M-6-235, MX-7-180AC	3A23	CAR 3	4-19-2002
10	Maule	M-7-235A, B, C, MT-7-235	3A23	CAR 3	4/9/02
10	Prop-Jet inc. (Meyers)	200B, C, D	3A18	CAR 3	4/9/02
10	Micco Aircraft Co.	MAC-145A,B	3A1	CAR 4a	7/6/09
10	Moravan (Zlin)	Z 143 L	A76EU	FAR 23	4/9/02
10	Moravan (Zlin)	Z 242 L	A76EU	FAR 23	11/30/05
11	Revo Inc. LAKE	LA-4, LA-4-200 Lake Model -250	1A13	CAR 3 FAR 23	12/18/09
11	Mooney	M20A, B, C, D, E, F, G, J, K, M, R	2A3	CAR 3	12/18/09
11	Mooney	M20S	2A3	CAR3	4/9/02
11	Mooney	M20L	2A3	CAR 3	11/30/05
11	Mooney	M22	A6SW	CAR 3	12/18/09
11	Piper	PA-12, -12S	A-780	CAR 3	4/9/02

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  
*SON VB*

**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).

<b>1. Aircraft</b>	Make <b>CESSNA</b>	Model <b>T210N</b>
	Serial No. <b>21064641</b>	Nationality and Registration Mark <b>N9923Y</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>9923Y INC</b>	Address (As shown on registration certificate) <b>3511 SILVERSIDE RD ST 105 WILMINGTON, DE 19810-4902</b>

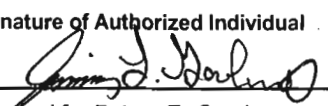
**3. For FAA Use Only**

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
<b>AIRFRAME</b>	<i>(As described in item 1 above)</i>				XXX
<b>POWERPLANT</b>					
<b>PROPELLER</b>					
<b>APPLIANCE</b>	Type				
	Manufacturer				

**6. Conformity Statement**

<b>A. Agency's Name and Address</b>	<b>B. Kind of Agency</b>	<b>C. Certificate No.</b>
<b>JIMMY L. GARLAND 11247 REINHARDT COLLEGE PARKWAY WALESKA, GA. 30183</b>	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	<b>256295713A&amp;P</b>
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

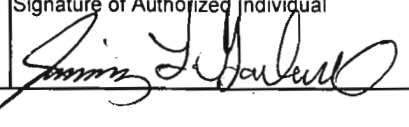
**D.** I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

<b>Date</b> <b>NOVEMBER 09, 2005</b>	<b>Signature of Authorized Individual</b> 
---	---

**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

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

<b>Date of Approval or Rejection</b> <b>NOVEMBER 09, 2005</b>	<b>Certificate or Designation No.</b> <b>256295713 IA</b>	<b>Signature of Authorized Individual</b> 
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### NOTICE

Weight and balance or operating limitations 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.)

N9923Y

CESSNA T210N

SERIAL NUMBER 21064641

DATE: 11/09/2005

INSTALLED JPI FS-450 FUEL FLOW INDICATING SYSTEM IN ACCORDANCE WITH JPI INSTALLATION MANUAL FS-450, REPORT NO. 400, REVISION A DATED 08/09/2002. THIS INSTALLATION WAS ACCOMPLISHED IN ACCORDANCE WITH J.P. INSTRUMENTS STC, SA00861SE.

INSTALLED FUEL FLOW TRANSDUCER IN ACCORDANCE WITH J.P. INSTRUMENTS FUEL FLOW INSTALLATION MANUAL, REPORT NO 503 REVISION B, DATED 03-17-97. THIS INSTALLATION WAS ACCOMPLISHED IAW J.P. INSTRUMENTS STC, SA00432SE.

THE AIRCRAFT FLIGHT MANUAL, WEIGHT AND BALANCE, AIRCRAFT LOGS, AND EQUIPMENT LIST WERE UPDATED.

-----END-----

ADDITIONAL SHEETS ARE ATTACHED

SEP 24 2003



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  
*SW05 gm*

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	Make CESSNA	Model T210N
	Serial No. 21064641	Nationality and Registration Mark N9923Y
2. Owner	Name (As shown on registration certificate) MATTHEW HANNA	Address (As shown on registration certificate) 843 CR 1110 BRASHEAR, TX 75420

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 BYRON C. WILLIAMS GREGG AIRCRAFT SERVICES, INC. RT. 3, EAST TEXAS REGIONAL AIRPORT LONGVIEW, TX 75603	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. A&P2021731
--	--	----------------------------------

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 9-19-03	Signature of Authorized Individual <i>Byron C. Williams</i> BYRON C. WILLIAMS
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7. Approval for Return to Service

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

BY	FAA Fit Standards Inspector	Manufacturer	X	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 9-22-03	Certificate or Designation No. IA2021731	Signature of Authorized Individual BYRON C. WILLIAMS <i>Byron C. Williams</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.

### B. Description of Work Accomplished

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

N9923Y

9-19-03

TTA: 3408.4

INSTALLED AERO SAFE GUARDIAN I STANDBY VACUUM SYSTEM IN ACCORDANCE WITH STC4626SW. REFF: DRAWING LIST 820200, REV. B. CONTINUING AIRWORTHINESS AS DIRECTED BY AERO SAFE CORPORATION GUARDIAN I STANDBY VACUUM SYSTEMS ANNUAL/100-HOUR INSPECTION GUIDE. WEIGHT AND BALANCE CHANGE AS NOTED IN CURRENT AIRCRAFT WEIGHT AND BALANCE DATA SHEET.

—END—

Additional Sheets Are Attached

Form Approved  
 OMB No. 2120-0020  
 For FAA Use Only  
 Office Identification  
**SO-FSDC-05** *WOS*

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



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 T210N
	Serial No. 21064641	Nationality and Registration Mark N9923Y
2. Owner	Name (As shown on registration certificate) Armstrong Ford, Inc.	Address (As shown on registration certificate) Box 1328 Hickory, NC 28603

**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 Causey Aviation Service, Inc. 6120 Smithwood Road Liberty, NC 27298	B. Kind of Agency	C. Certificate No. EWCR750D
	<input type="checkbox"/> U.S. Certificated Mechanic	
	<input type="checkbox"/> 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 11-06-97	Signature of Authorized Individual <i>Wayne C. Bineau</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 11-06-97	Certificate or Designation No. EWCR750D	Signature of Authorized Individual <i>Wayne C. Bineau</i>
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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.)*

1. Removed WX-10A weather mapping system, consisting of an antenna, processor, display, and associated wiring.
2. Installed BFG WX-950 weather mapping, system consisting of an antenna, processor/display, and associated wiring.
3. Installation and wiring were done in accordance with manufacturers instructions, and AC43.13-1A chapter 11 section 2,5,7 and AC43.13-2A chapter 2. Antenna was mounted in accordance with manufacturers instructions and AC43.13-1A chapter 15 section 6 and AC43.13-2A chapter 3. Weight and balance were updated.

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  
**SO-FSDO-05** *WB*

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 <b>Cessna</b>	Model <b>T210N</b>
	Serial No. <b>21064641</b>	Nationality and Registration Mark <b>USA N9923Y</b>
2. Owner	Name (As shown on registration certificate) <b>Armstrong Ford Inc.</b>	Address (As shown on registration certificate) <b>Box 1328 Hickory, NC 28603</b>

**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>Atlantic Aero, Inc. 6423 Airport Parkway Greensboro, NC 27409</b>	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. <b>EWGR752D</b>
--	--	---------------------------------------

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 <b>April 18, 1997</b>	Signature of Authorized Individual <i>Christopher M. Friedle</i> <b>Christopher M. Friedle</b>
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**7. Approval for Return To Service**

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

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

Date of Approval or Rejection <b>April 18, 1997</b>	Certificate or Designation No. <b>EWGR752D</b>	Signature of Authorized Individual <i>Christopher M. Friedle</i>
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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.)

Installed the following:

1 ea. Telex PC 4 Intercom System.

The intercom was mounted in the Co-Pilot's panel, and the existing Pilot's and Co-Pilot's mic and phone jacks were replaced. Two rear jacks were installed in the side panels for the middle two seats.

All work was performed per the manufacturer's installation manuals and in compliance with AC43.13-1A.

The Aircraft Weight and Balance and equipment list was revised, and a log book entry was made. The aircraft and its equipment were ramp checked and found to function properly without interference to flight controls or other on board equipment.

\_\_\_\_\_  
THE 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

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).

<b>1. Aircraft</b>	Make <b>Cessna</b>	Model <b>T210N</b>
	Serial No. <b>21064641</b>	Nationality and Registration Mark <b>USA N9923Y</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>Armstrong Ford</b>	Address (As shown on registration certificate) <b>P.O. Box 328 Hickory, NC 28601</b>

**3. For FAA Use Only**

The data / ~~attention~~ / ~~repair~~ 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: 8/6/96 Signed: [Signature] Aviation Safety Insp. SO FSDO-05

**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**

<b>A. Agency's Name and Address</b>  Catawba Valley Aviation 3103 9th Ave Dr NW Hickory, NC 28601	<b>B. Kind of Agency</b> <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	<b>C. Certificate No.</b>  FFGR870D
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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 <b>2-1-96</b>	Signature of Authorized Individual <i>Eugene C. Dowdy</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

<b>BY</b>	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 <b>8-6-96</b>		Certificate or Designation No. <b>FFGR870D</b>	Signature of Authorized Individual <i>Eugene C. Dowdy</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 the following:

Bendix/King KLN89B GPS, s/n P1451 in the avionics panel beneath the number one Nav receiver. Bendix/King KA-92 GPS Antenna, s/n 04476 on top of the fuselage over the passenger seat area. MSI Avionics Model 97-10364A Nav Switching Box, s/n 3148 in the avionics panel beneath the KLN89B GPS. The KLN89B GPS was connected through the Model 97-10364A Nav Switching Box to the existing King KI-525A HSI to be shared with the Number One Nav Receiver. The Nav Switching Box has the following Nav Source Annunciators: Nav-1 (Green), GPS (Blue) and the following GPS Status Annunciators: WPT (Amber), MSG (Amber), ACTV (Green), ARM (White), WARN (Red).

The Autopilot will be driven from either Nav-1 or GPS along with the HSI. When the HSI is being driven by the GPS and an ILS Frequency is selected on the Nav-1 receiver, the Nav 1 Annunciator will light and the Nav-1 will automatically drive the HSI. The Bendix/King KLN89B GPS and KA-92 GPS Antenna have been approved for IFR Enroute and non-precision approach operations under STC Number SA00244WI-D.

Installation of the above equipment was made in accordance with the manufacturer's installation instructions and wiring diagrams and AC43.13-2A. The above equipment was functional tested and found to meet the requirements of FAR 23.1301.

A flight test was conducted in accordance with AC20-138 and found to meet the requirements paragraph 8c(2)(iv)(Follow-On IFR Airworthiness Installation Approval).

Five low level passes (less than 100 feet AGL) were made on Runway 24 on Hickory, NC Regional Airport. The coordinates for the end of Runway 24 are N-Lat. 35-44-41 and W-Lon. 81-22-47. The five low passes were recorded as follows:

- |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| 1. N35-44-55<br>W81-22-58 | 2. N35-44-54<br>W81-22-56 | 3. N35-44-57<br>W81-22-59 |
| 4. N35-44-55<br>W81-22-59 | 5. N35-44-57<br>W81-22-58 |                           |

Left and right 360 degree turns were made with 30 degrees of bank and no loss of navigation data was observed.

Various flights were made from HKY to RDU to RUQ with enroute approach transition and approach operations in hand flight and autopilot modes. The cross track error was below the maximums of 1.0 nmi enroute and approach transition and .25nmi approach. This included approaches at each of the three airports.

Flight Checked by:

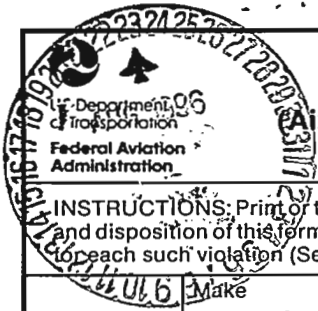
Pilot Billy M. Armstrong License No. 243-24 9102

An FAA approved supplement to the Pilot's Operating Handbook and FAA approved Airplane Flight Manual, dated 11 Sept. 1981 is required with this installation.

Weight and Balance data and Equipment List Updated.

-----END-----

Additional Sheets Are Attached



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

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

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

1. Aircraft	Make Cessna	Model T210N
	Serial No. 21064641	Nationality and Registration Mark USA N9923Y
2. Owner	Name (As shown on registration certificate) Armstrong Ford	Address (As shown on registration certificate) P.O. Box 328 Hickory, NC 28601

**3. For FAA Use Only**

The data / ~~alteration~~ repair 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: 8/6/96 Signed: M. G. Galt Aviation Safety Insp. SO FSDO-05

**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 Catawba Valley Aviation 3103 9th Ave Dr NW Hickory, NC 28601	B. Kind of Agency	C. Certificate No. FFGR870D
	<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 2-1-96	Signature of Authorized Individual <i>Eugene C. Dowdy</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 8-6-96	Certificate or Designation No. FFGR870D	Signature of Authorized Individual <i>Eugene C. Dowdy</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 the following:

Bendix/King KLN89B GPS, s/n P1451 in the avionics panel beneath the number one Nav Receiver. Bendix/King KA-92 GPS Antenna, s/n 04476 on top of the fuselage over the passenger seat area. MSI Avionics Model 97-10364A Nav Switching Box, s/n 3148 in the avionics panel beneath the KLN89B GPS. The KLN89B GPS was connected through the Model 97-10364A Nav Switching Box to the existing King KI-525A HSI to be shared with the Number one Nav Receiver. The Nav switching Box has the following Nav Source Annunciators: Nav-1 (Green), GPS (Blue) and the following GPS Status Annunciators: WPT (Amber), MSG (Amber), ACTV (Green), ARM (White), WARN (Red). The GPS was placarded "GPS Not Approved for IFR." The Autopilot will be driven from either Nav-1 or GPS along with the HSI. When the HSI is being driven by the GPS and an ILS Frequency is selected on the Nav-1 receiver, the Nav 1 Annunciator will light and the Nav-1 will automatically drive the HSI.

Installation of the above equipment was made in accordance with the manufacturer's installation instructions and wiring diagrams and AC43.13-2A. The above equipment was functional tested and found to meet the requirements of FAR 23.1301.

A flight check was made in accordance with AC20-138, 7c(1)(iv), (approval of installation for VFR operations).

Pilot's Signature: Billy M. Amstrong License No. 243 27 9602

Weight and Balance data and Equipment List updated.

-----END-----

Additional Sheets Are Attached

AA-C-250

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 50-FSDO-05	
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	T210N
	SERIAL NO.	21064641		NATIONALITY AND REGISTRATION MARK	USA N9923Y
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	Armstrong Ford Inc.			Box 1328 Hickory, NC 28603	
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.	
Catawba Valley Aviation P.O. Box 1968 Hickory, NC 28603		<input type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		#5367	
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			
2/10/89		<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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA RT. 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			
2/10/89	5367	<i>[Signature]</i>			



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION				JAN 28 1986	
(Airframe, Powerplant, Propeller, or Appliance)				OFFICE IDENTIFICATION 70-66	
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	T 210 N
	SERIAL NO.	64641		NATIONALITY AND REGISTRATION MARK	USA N9923Y
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	Armstrong Ford Inc.			Box 132B, Hickory, NC 28603	
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					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			E. KIND OF AGENCY		C. CERTIFICATE NO.
Catawba Valley Aviation P. O. Box 1968 Hickory, NC 28601			U.S. CERTIFICATED MECHANIC		5367
			FOREIGN CERTIFICATED MECHANIC		
			X 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		
01/24/86			<i>J. P. Traylor</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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION		OTHER (Specify)
	FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
01/24/86		5367	<i>J. P. Traylor</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.

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

INSTALLED PRECISE FLIGHT, INCORPORATED, STANDBY VACUUM SYSTEM IAW AIRFRAME

STC. SA 2162NM AND CONTINENTAL STC. SE1780NM.

ALL WORK WAS ACCOMPLISHED AS PER INSTRUCTIONS SUPPLIED WITH THE STC'S

AND A.C. 43-13 IA WHERE APPLICABLE-----END-----

ADDITIONAL SHEETS ARE ATTACHED

RECEIVED

MAY 30 1985

Form Approved  
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

7-0-66

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

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	T210N
	SERIAL NO.	21064641	NATIONALITY AND REGISTRATION MARK	USA N9923Y
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)	
	ARMSTRONG FORD		P.O. Box 1328 Hickory, N.C. 28603	

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.
Caro Wings Avionics P.O. Box 2064 Gastonia, N.C. 28053	<input type="checkbox"/> U.S. CERTIFICATED MECHANIC	CRS-5361
	<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	SIGNATURE OF AUTHORIZED INDIVIDUAL
May-27, 1985	<i>Larry R. Clinton</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 PI, STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	<input checked="" type="checkbox"/> CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
May-27, 1985	CRS-5361	<i>Larry R. Clinton</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 3M (RYAN) WX-10A Stormscope As Follows:

Display at bottom of center radio stack. Station 14.5

Processor under rear seat in area designated by manufacture for avionics installations. Station 100.0

Antenna on belly of aircraft. Station 145.5

Cable was fabricated using Mil. Spec. wire and connectors furnished by 3M. All units were installed and interconnected using manufacture's manuals and approved procedures.

The stormscope was ramp tested using RYAN WXP7 test set and found to check OK.

A test flight was conducted with all systems and equipment operating, with special attention to the Comm/Nav, Marker, and ADF system. The stormscope was also checked for proper operation with all systems and equipment operating. No interference was noted on the stormscope or other aircraft systems.

Installation is in accordance with AC43-13-1A and AC43-13-2A and manufacture's manuals.

Aircraft weight and balance was updated and equipment list revised.

-----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		
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	T210N	
	SERIAL NO.	21064641		NATIONALITY AND REGISTRATION MARK	N9923Y	
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)		
	Miller Flying Service, Inc.			P. O. Drawing 190 Plainview, Texas 79072		
3. FOR FAA USE ONLY						
<p>*The data/alteration identified herein complied with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.*</p> <p style="text-align: right;">3-12-82 <i>C. E. King</i> Date EAA Inspector SW-EMDQ-2-0-42</p>						
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.	
S-TEC Corporation Rt. 4, Bldg. 946 Walters Industrial Complex Mineral Wells, Texas 76067			U.S. CERTIFICATED MECHANIC		242-8 Limited Instruments	
			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			
3-12-82			Edwin D. Cameron <i>Edwin D. Cameron</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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED						
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION			
	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			
3-12-82		242-8	Edwin D. Cameron <i>Edwin D. Cameron</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.)

S-TEC System 60 Two Axis Autopilot with Optional Automatic Elevator Trim System is installed in accordance with S-tec Installation Bulletin No. 130, Rev. 3, dated 1-27-82 as approved under STC SA4273SM, with the following deviation:

The Trim Servo was installed, attached to existing radio shelf, approximately twelve inches forward of location defined in data. Servo was installed in accordance with S-TEC Installation Drawing No. 76158, dated 3-12-82. Load test was conducted on servo installation bracketry and surrounding structure. (Ref: S-TEC structural load test no. SLT-079). System operation not affected.

The addition of this system does not appreciably affect the magnetic compass and does not cause the electrical load to exceed 80% of the alternator output.

Weight and balance data and equipment list was modified to incorporate this change. Refer to Weight & Balance Data dated 3-04-82. Copy of POH Supplement P/N 8937 was included in aircraft's permanent records.

-----END-----

ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION APPLICATION FOR AIRWORTHINESS CERTIFICATE		INSTRUCTIONS—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.			
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N9923Y	2. AIRCRAFT BUILDER'S NAME (make) Cessna	3. AIRCRAFT MODEL DESIGNATION T210N	4. YR. MFG. 1982	FAA CODING 2073456
	5. AIRCRAFT SERIAL NO. 21064641	6. ENGINE BUILDER'S NAME (make) Continental	7. ENGINE MODEL DESIGNATION TSIO-520-R	17440	
II. CERTIFICATION REQUESTED	8. NUMBER OF ENGINES One	9. PROPELLER BUILDER'S NAME (make) McCaughey	10. PROPELLER MODEL DESIGNATION D3A34C402/90DFA-10	11. AIRCRAFT IS IMPORT	
	APPLICATION IS HEREBY MADE FOR (Check applicable items)				
A <input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERT. (Indicate category)					
B <input type="checkbox"/> SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)					
2. LIMITED					
5. PROVISIONAL (Indicate class)					
3. RESTRICTED (Indicate operation(s) to be conducted)					
4. EXPERIMENTAL (Indicate operation(s) to be conducted)					
8. SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)					
C <input checked="" type="checkbox"/> MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)					
A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER, CHECK HERE <input checked="" type="checkbox"/>					
NAME Cessna Aircraft Company ADDRESS 5800 East Pawnee Road Wichita, Kansas 67201					
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)					
X AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) 3A21 Rev. 34 X AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) 82-01					
AIRCRAFT LISTING (Give page No.) SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)					
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS					
X CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173 TOTAL AIRFRAME HOURS— 2.3 3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed					
D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 301 of the Federal Aviation Act of 1938, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.					
DATE OF APPLICATION 1-27-82 NAME AND TITLE (Print or type) Gen. Mgr. William A. Boettger, Pawnee Div. SIGNATURE William A. Boettger					
IV. INSPECTION AGENCY VERIFICATION					
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.187 (d) applies)					
2. FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.) 3. CERTIFICATED MECHANIC (Give Certificate No.) 6. CERTIFICATED REPAIR STATION (Give Certificate No.)					
5. AIRCRAFT MANUFACTURER (Give Name of Firm)					
DATE TITLE SIGNATURE					
V. FAA REPRESENTATIVE CERTIFICATION					
(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: <input checked="" type="checkbox"/> The certification requested, or <input type="checkbox"/> Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: <input type="checkbox"/> FAA Inspector; certificate holder under FAR 65, <input type="checkbox"/> FAR 121 or 127, or <input type="checkbox"/> FAR 145.					
DATE 1-27-82 DISTRICT OFFICE ICT EMDO DESIGNER'S SIGNATURE AND NO. Cessna Aircraft Co., Pawnee Div. Division Option Manufacturer, CE-1 by Daniel L. Goble Daniel L. Goble FAA INSPECTOR'S SIGNATURE					

VI. PRODUCTION FLIGHT TESTING	<b>A. MANUFACTURER</b>			
	NAME	ADDRESS		
	<b>B. PRODUCTION BASIS (Check applicable item)</b>			
	PRODUCTION CERTIFICATE (Give production certificate number)			
	TYPE CERTIFICATE ONLY			
	APPROVED PRODUCTION INSPECTION SYSTEM			
<b>C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:</b>				
DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE		
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	<b>A. DESCRIPTION OF AIRCRAFT</b>			
	REGISTERED OWNER	ADDRESS		
	BUILDER (Make)	MODEL		
	SERIAL NUMBER	REGISTRATION MARK		
	<b>B. DESCRIPTION OF FLIGHT</b>			
	FROM	TO		
	VIA	DEPARTURE DATE	DURATION	
	<b>C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT</b>			
	PILOT	CO-PILOT	NAVIGATOR	OTHER (Specify)
	<b>D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:</b>			
<b>E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)</b>				
<b>F. CERTIFICATION</b> —I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.				
DATE	NAME AND TITLE (Print or type)	SIGNATURE		
VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	<input checked="" type="checkbox"/> A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable	<input type="checkbox"/> G. Statement of Conformity, FAA Form 317 (Attach when required)		
	<input type="checkbox"/> B. Current Operating Limitations Attached	<input type="checkbox"/> H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)		
	<input type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required)	<input type="checkbox"/> I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached)		
	<input checked="" type="checkbox"/> D. Current Weight and Balance Information Available in Aircraft	<input type="checkbox"/> J. Current Airworthiness Certificate Issued in Accordance with FAR _____ (Copy attached)		
	<input type="checkbox"/> E. Major Repair and Alteration, FAA 337 (Attach when required)			
	<input checked="" type="checkbox"/> F. This Inspection Recorded in Aircraft Records			

FAR 21.183 (B) (Copy attached)

UNITED STATES OF AMERICA  
 DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**STANDARD AIRWORTHINESS CERTIFICATE**

1. NATIONALITY AND REGISTRATION MARKS <b>N9923Y</b>	2. MANUFACTURER AND MODEL <b>Cessna 210N</b>	3. AIRCRAFT SERIAL NUMBER <b>21864641</b>	4. CATEGORY <b>Normal</b>
--	---	--	------------------------------

5. AUTHORITY AND BASIS FOR ISSUANCE  
 This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft is in condition for safe operation and is shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex B to the Convention on International Civil Aviation, except as noted herein.  
 Exceptions:  

**None**

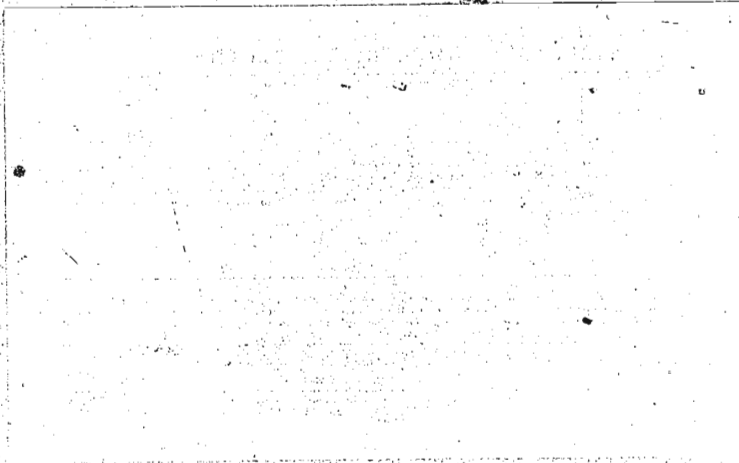
6. TERMS AND CONDITIONS  
 Unless sooner surrendered, suspended, revoked, or annulled, this certificate is valid as long as the maintenance, preventive maintenance, and alterations are performed in accordance with Part 43, and 21 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States. Designation Number: **DOA-PC4**

DATE OF ISSUANCE: **1-27-82**  
 FAA REPRESENTATIVE: *Daniel L. Koole*

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 2 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

U.S. Government Printing Office - 1984-338  
 FAA Form 8100-2 (7-77) FORMERLY FAA FORM 1362

FAA AIRCRAFT REGISTRY  
CAMERA NO. 1 - DATE: 8-20-90





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

**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 T210N
	Serial No. 21064641	Nationality and Registration Mark N9923Y
2. Owner	Name (As shown on registration certificate) KESCO PROPERTIES LLC	Address (As shown on registration certificate) 4811 OCEAN DR CORPUS CHRISTI, TX 78412-2655

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"/>	X
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  CRYSTAL AVIONICS 1718 ENTRANCE DR NEW BRAUNFELS, TX 78130	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.  YVCR493Y LIMITED AIRFRAME
---	---	--

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  1-29-2009	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:	<input type="checkbox"/> FAA Fit. Standards Inspector	<input type="checkbox"/> Manufacturer	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  1-29-2009	Certificate or Designation No.  YVCR493Y	Signature of Authorized Individual 
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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.)

N9923Y

INSTALLED GARMIN GNS430W S/N 23422387 AND GA35 ANTENNA S/N 447273 IN ACCORDANCE WITH GARMIN INSTALLATION MANUAL 190-00356-02 REV E DATED MARCH 2008 AND STC # SA01933LA WITH APPROVED MODEL LIST

INSTALLED GNS430W FAA APPROVED FLIGHT MANUAL SUPPLEMENT P/N 190-00356-03 REV A DATED NOVEMBER 2007 IN AIRCRAFT RECORDS.

THE COMPONENTS AND SYSTEMS INSTALLATIONS OF THE EQUIPMENT ON THIS 337 WERE ACCOMPLISHED IN ACCORDANCE WITH AC43.13-2A, CHAPTERS 1, 2, AND 3 AS APPLICABLE.

ELECTRICAL LOAD, CIRCUIT PROTECTION AND WIRE INSTALLATION WERE ACCOMPLISHED IN ACCORDANCE WITH AC43.13-1B, CHAPTER 11, SECTIONS 3 THRU 17.

THE AIRCRAFT EQUIPMENT LIST IS REVISED TO REFLECT THESE CHANGES; SEE THE AIRCRAFT RECORDS FOR REVISED WEIGHT AND BALANCE. THE APPROVED FLIGHT MANUAL OR PILOTS OPERATING HANDBOOK WAS UPDATED AS REQUIRED.

A FUNCTIONAL TEST OF THE INSTALLATION DESCRIBED IN THIS 337 WAS PERFORMED IN ACCORDANCE WITH FAR 23.1301 AND FAR 23.1431. OPERATION WAS SATISFACTORY AND THE INSTALLATION DID NOT ADVERSELY AFFECT EXISTING COMPONENTS OR SYSTEMS IN THE AIRCRAFT.

-----END-----

Additional Sheets Are Attached

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA01933LA

*This Certificate issued to* Garmin AT, Inc.  
2345 Turner Road S.E.  
Salem, Oregon 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 \* of the Regulations*

*Original Product Type Certificate Number:* \* See attached Approved Model List (AML)  
*Make:* No. SA01933LA for list of approved aircraft  
*Model:* Models and applicable airworthiness regulations.

*Description of Type Design*

*Change:* Installation of Garmin Model 400W / 500W Series GPS-WAAS Navigation System in accordance with FAA Approved Garmin 400W Series Master Data List, Drawing No.: 005-C0221-00, Revision "B", dated October 1, 2007, or later FAA approved revision; or FAA Approved Garmin 500W Series Master Data List, Drawing No.: 005-C0221-01, Revision "B", dated October 1, 2007, or later FAA approved revision. Use applicable FAA approved 400W Series Airplane Flight Manual Supplement, document No. 190-00356-03, Rev. "Original", dated November 20, 2007 or later FAA approved revision; FAA Approved 500W Series Airplane Flight Manual Supplement document No. 190-00357-03, Rev. "Original", dated November 20, 2007 or later FAA approved revision; or FAA Approved Airplane Flight Manual Supplement as defined in Master Data List 005-C0221-00 or 005-C0221-01 defined above.

*Limitations and Conditions:* This approval should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previous approved configuration will not introduce any adverse effect upon the airworthiness of the 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*

*Date of application:* January 31, 2006

*Date reissued:*

*Date of issuance:* November 6, 2006

*Date amended:* November 20, 2007



*By direction of the Administrator*

*Antm guyer*  
(Signature)

Project Manager, Systems & Equipment Branch,  
Los Angeles Aircraft Certification Office

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

US Department  
of Transportation  
  
Federal Aviation  
Administration

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

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

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

<b>1. Aircraft</b>	Make <b>CESSNA</b>	Model <b>T210N</b>
	Serial No. <b>21064641</b>	Nationality and Registration Mark <b>N9923Y</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>9923Y INC</b>	Address (As shown on registration certificate) <b>3511 SILVERSIDE RD ST 105 WILMINGTON, DE 19810-4902</b>

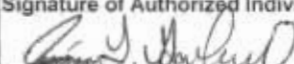
### 3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
<b>AIRFRAME</b>	<i>(As described in item 1 above)</i>				XXX
<b>POWERPLANT</b>					
<b>PROPELLER</b>					
<b>APPLIANCE</b>	Type				
	Manufacturer				

### 6. Conformity Statement

<b>A. Agency's Name and Address</b>	<b>B. Kind of Agency</b>	<b>C. Certificate No.</b>
<b>JIMMY L. GARLAND</b> 11247 REINHARDT COLLEGE PARKWAY WALESKA, GA. 30183	<input checked="" type="checkbox"/> U. S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	<b>256295713A&amp;P</b>

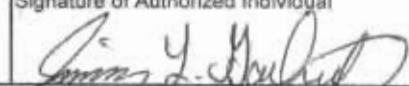
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date <b>NOVEMBER 09, 2005</b>	Signature of Authorized Individual 
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### 7. Approval for Return To Service

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

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

Date of Approval or Rejection <b>NOVEMBER 09, 2005</b>	Certificate or Designation No. <b>256295713 IA</b>	Signature of Authorized Individual 
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**NOTICE**

Weight and balance or operating limitations 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.)

N9923Y

CESSNA T210N

SERIAL NUMBER 21064641

DATE: 11/09/2005

INSTALLED JPI FS-450 FUEL FLOW INDICATING SYSTEM IN ACCORDANCE WITH JPI INSTALLATION MANUAL FS-450, REPORT NO. 400, REVISION A DATED 08/09/2002. THIS INSTALLATION WAS ACCOMPLISHED IN ACCORDANCE WITH J.P. INSTRUMENTS STC, SA00861SE.

INSTALLED FUEL FLOW TRANSDUCER IN ACCORDANCE WITH J.P. INSTRUMENTS FUEL FLOW INSTALLATION MANUAL, REPORT NO 503 REVISION B, DATED 03-17-97. THIS INSTALLATION WAS ACCOMPLISHED IAW J.P. INSTRUMENTS STC, SA00432SE.

THE AIRCRAFT FLIGHT MANUAL, WEIGHT AND BALANCE, AIRCRAFT LOGS, AND EQUIPMENT LIST WERE UPDATED.

-----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  
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 <b>N9923Y</b>	Serial No. <b>21064641</b>
	Make <b>CESSNA</b>	Model <b>T210</b> Series <b>N</b>
2. Owner	Name (As shown on registration certificate) <b>STAGG PAUL L III</b>	Address (As shown on registration certificate) Address <b>2390 PULLMAN WAY</b> City <b>HUMMELSTOWN</b> State <b>PA</b> Zip <b>17036</b> Country <b>USA</b>

### 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	KD AVIATION INC	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic
Address	106 D Sharon Rd	<input type="checkbox"/>	Foreign Certificated Mechanic
City	Robbinsville State NJ	<input type="checkbox"/>	Certificated Repair Station
Zip	08691 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization
		C. Certificate No. <b>2200970</b>	

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 <b>KENNETH REESE</b> # <b>2200970</b>
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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	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. <b>3184935</b>	Signature/Date of Authorized Individual <b>Eric L. Balke</b> <b>10/30/2015</b> Eric L. Balke
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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.)*

N9923Y

Nationality and Registration Mark

Installation of vortex generators on the wings and tail surfaces in accordance with Drawing Package MA2156, Revision A, dated September 13, 2001, and Installation Manual MA2157, Revision B, dated September 21, 2007, per STC#SA00941SE.

Instructions for Continued Airworthiness of Micro Vortex Generator Installations are stated on VG Operating Placard #MA8001 which must be installed in an easily seen location in the cockpit. This placard states: "if more than 5 VGs are damaged or missing, the aircraft is not airworthy." To make it airworthy, the missing VGs in excess of five need to be replaced. The VGs should be examined prior to each flight, during the pre-flight inspection, to determine if any are missing or damaged. Missing or damaged VGs in excess of five need to be replaced by the installation of a new (replacement) part. Installation is accomplished with Loctite Depend Adhesive #330. No other maintenance or inspections are necessary.

Negligible weight change

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END

Additional Sheets Are Attached