

FAA CUPU

DEPAR 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

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INSTRUCT	IONS: Print or	type	all entries. See FA	71-11-0	, FAR 43 Appendix B, and AC 43.9-1 (or so	beequent re	evision th	ereof)
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D. I certif	y that the repair	and	l/or alteration mad		the unit(s) identified in item 4 above and the the requirements of Part 43 of the U.S. I correct to the best of my knowledge.	described of ederal Avis	n the re-	verse or ulations
DATE	JUNE	10.00			SIGNATURE OF AUTHORIZED INDIVIDUAL	7247	470	
			7. Al	PPROVA	L FOR RETURN TO SERVICE			
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BY	AA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF, AIRCRAFT	- A		
DATE OF A	PPROVAL OR		CERTIFICATE OR DESIGNATION NO		Konald J. Wrult	12404		979

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.)
RNAV INSTALLATION AND IFR CERTIFICATION:
NEW INSTALLATION OF FOSTER AIR DATE RNAV SYSTEM AD-511 WITH ALPHA
STEERING ADAPTER 51ASA.

- 1. Reference Foster AD-511 sn 1195, with 51ASA sn 594 RNWV System as shown on aircraft paperwork dated 6-4-79, interconnected with KING KN-65 DME and number one (as the primary) KX-170B KING NAV receiver, King KI214 NAV converter, and number two (as a secondary) KING KX-170B Navigation receiver and King KI201-C converter. The RNAV system has been bench checked and ramp checked in accordance with AC-90-45A, appendix "A" Par2,3b, and 3c, and has been found acceptable per AC-90-45A appendix "D" table 2,3,and 4, on 6-4-79.
- 2. The wiring and interconnect has been accomplished per FOSTER AIR DATA AD-511 ALBHA SYSTEM installation manual. The installation has further been accomplished and checked in accordance with FAA AC-43-13-1A and 43-13-2A. Necessary additions & updating to equipment list & weight & balance data have been accomplished, with log book entries to reflect same as of 6-4-79.

3. Aflight check of the RNAV system installed in this aircraft as referenced in this FAA 377 Form have been conducted in the Cleveland Ohio area as of 6-4-79.

5. As of 6-4-79 all RNAV approach and tack errors were found well within the accuracies established in tables 2,3, and 4 of appendix "A". Advisory Circular 90-45A.

6. If any component of the RNAV system is repaired or recalibrated, the RNAV system's accuracy should be rechecked to show compliance with original certification. All maintenance of the RNAV system will be performed as outlined in FAA AC-90-45A appendix "E".

7. Removal of the AD-511 computer does NOT render either the #1 or #2 existing NAVIGATION system's inoperative.

8. Applicable placards have been installed as of 6-4-79

9. This aircraft as log book entry dated 6-1-79 reflects, is hereby approved for ENROUTE-TERMINAL & APPROACH modes of IFR OPERATION.

O. END.

and the same following the

OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, of Appliance).

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FAA Form 337 (7-67)

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. Installed RCA weatherscout II Radar system. Installation was performed in accordance with manufacturers recommendations; using FAA AC-43-13-1A CH 11 and 43-13-2A CH 1 and 2 as a guide. to connect the fire the first prompt at
 - Installed Norton Radome Kit number 4083X (STC SA64GL) in accordance with manufacturers recommendations and prints, again using FAA AC-43-13-1A and 43-13-2A.
 - Weight and balance has been changed to reflect this installation.
 - A flight test was conducted to assure this installation does not compromise airworthiness.

ADDE SACTOR AS CONTRACTOR AS C Hart Company deliterative deposition M7384R MALIONARY AND RE ., THE TO WE of entire. See this 45 of this 45 Apprecias B, and Apprecia Cowerplant, Propeller, or Appliance ! -WINDS REPAIR AND ALTERATION MONTARTHINGS, HOTTART, AND ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

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	(Airframe, P	owerplant, Prope	ller,	or Applian	nce)		01110	Libertinie		
	TONS: Print or typons and disposition	pe all entries. See FAR	43.9	FAR 43 App	endix B, and	AC 43.9-1	(or s	ubsequent	revision tl	nereof)
	MAKE E	seech			MODEL	95-	B55			
1. AIRCRAFT	SERIAL NO.	C-1730			NATIONALIT	TY AND R	egist 84R	RATION MA	ARK	
2. OWNER	NAME (As shown of Hempt Max	n registration certificate)				s shown or lempt	Road	d	icate)	
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INSTRUCT for instruct	TIONS: Print or t	ype all entries. See F on of this form.	AR 43.9	, FAR 43 Apper	ndix B, and	AC 43.9-1 (or	subsequent	revision t	hereof)
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OF AIRCRAFT

SIGNATURE OF AUTHORIZED INDIVIDUAL

DATE OF APPROVAL OR

REJECTION

05-23-86

C18-24

CERTIFICATE OR

DESIGNATION NO.

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. The combustion heater tube assembly installed in the heater identified in Block #4, has been approved for installation based on data and tests listed below in accordance with applicable subtitles of the Society of Automotive Engineers, Inc., Aeronautical Standards AS-143B, which is the basic standards for TSO C-20.
- 2. In accordance with Subtitle 4.5 of AS-143B, this combustion tube assembly will be marked with the C & D Airmotive logo near the combustion air pressure switch attachment point, via electro chemical process. This marking can readily be seen with the heater shroud installed, and by visual inspection after installation in the aircraft.
- 3. The unit is constructed of stainless steel type 309.029, which is equivalent to AMS 5540, required by subtitle 5.4.1 of AS-143B.
- 4. Equivalent unit was operated in excess of 500 hours per subtitle 5.4.3 and 5.44 of AS-143B, with no deterioration as determined by subsequent analysis.
- 5. Tests were conducted which exceeded subtitle 6.1.6 and 6.1.6.1 of AS-143B with no deterioration incurred.
- 6. Upon completion of the previously listed subtitles, a pressure decay test required under paragraph "e" of AD 82-07-03 was conducted, and the results exceeded these requirements.

NOTE: The installation of the combustion tube <u>does not</u> relieve any responsibility for compliance with AD 82-07-03.

END

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NOTE:

INSTALLED IN N 42 HF, BEECH

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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

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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 WX-900 Stormscope system.

All equipment installed in accordance with instruction provided by the equipment manufacturers instruction manual (WX-900 manual dated JUL 1991) and adatped to the aircraft IAW AC 43.13-2A fig. 2.1 and fig. 3.6.

Aircraft equipment list and weight and balance revised to reflect this change.

Continous electrical running load computed and found to be within 80% of the charging system capacity.

Unit operates sati	sfactorily and does not	interfere with	any other
	not connected to any ot		fint
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		s report is required b 901 Federal Aviatio				ure to repo	rt can result in a	civil penal	ty not to exce	eed \$1,000
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1. Aircraft	Serial No. TC-173			rist I	w ecomb		and Registration	n Mark		p III.
2. Owner		on registration certi	ficate)	10-514B	351	s shown on regi Ushers I Iston Lal	Road		2
and his		airworthiness require subject to conformity 43.7 //-23-94/	ements a	itified and is a tion by	For FAA Use Online in the property of the above approved for the above a person authorized	ith the applic e described air	rcraft,	A - F	SDO	.1
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PROPELLER										
APPLIANCE	Type Manufacturer						,			
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Date 8/	21/92			Sig	Rucha	rized Indivi	1 -2	ma	il a	
/			7. Ap	prov	al for Return To	Service		0	_	
		n persons specified riation Administratio			e unit identified X APPROVED	in item 4	was inspected in JECTED	n the man	ner prescrib	ed by the
Insp	Fit. Standards pector	Manufacturer		Insp	pection Authoriza	tion	Other (Specify)			
FAA	Designee X	Repair Station		Pers	son Approved by nada Airworthines	Transport is Group				
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8. Description of Work Accomplished

(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.) Removed Foster 511 R-Nav.

Installed Northstar M-600 G.P.S. System.

All equipment installed in accordance with instruction provided by the aircraft radio manufacturers instruction manual (GM-450--Rev. A) and adapted to the aircraft IAW AC 43.13-2A fig. 2.1 and fig. 3.6, paragraphs 23 and 27.

Aircraft equipment list and weight and balance revised to reflect this change.

Continuous electrical running load computed and found to be within 80% of the 50 amp alternators. Unit is powered from a 5 amp breaker in the breaker panel placarded G.P.S.

Static load test performed and exceeds load factors as recommended in AC 43.13-2A para. 1.2d.

Unit operates satisfactorily and does not interfere with any other systems. Unit is integrated with the HSI through an interface switch, placarded : "G.P.S. NOT APPROVED FOR IFR".

with a G.P.S./VOR annunciator mounted on the instrument panel. Unit is ☐ Additional Sheets Are Attached



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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).

		Make					Model				
1. Airc	raft	Beechci	caf	t				B55	as fac	ton alsi	==
i. Allo	uit	Serial No.					Nationality an	ATTENDED TO SELECT ON THE SECTION OF	Mark		
		TC-1730					N42				
		Name (As she	own	on registration cert	ificate)		ertificate)				
2. Own	er	Bruhn,	The	omas W.				hers Road on Lake N		12012	
					3.	For FAA Use (Only				
					4.	Unit Identifica	tion			5. Type	
Ur	nit		Ма	ke		Model		Serial No.		Repair	Alteration
AIRFRA	ME	•••	•	(A	s describ	ed in Item 1 abo	ove)				X
POWER	PLANT										
PROPEI	LER										
		Туре									
APPLIA	NCE	Manufacture	r								
					6. 0	Conformity Stat	ement				
A. Age	ncy's N	lame and Addr	ess			. Kind of Agen			C. Cert	ificate No.	
3		ted Beecho		Et		U.S. Certifica				S FYLE15	4K
	Repu	ublic Air	or	E		Foreign Certi	icated Mechanic		7.00		
		gar B			X	Certificated R	epair Station		CL	ASS 3	
	East	t Farming	dale	e N. Y. 1173	5	Manufacturer					
h	ave bee	n made in acco	orda	r alteration made to nce with the require correct to the best	ements of	Part 43 of the U	em 4 above and c J.S. Federal Avia	lescribed on the tion Regulation	ne reverse ons and th	or attachmenat the infor	ents hereto mation
Date		7-30-93			S	ignature of Aut	horized Individua	al O	0		
						Pula	d But	Kand			
					7. Appre	oval for Return	To Service				
Purs	uant to inistrate	the authority or of the Federa	give al Av	n persons specified iation Administration	d below, on and is	the unit identif	ed in item 4 was		the mar	nner prescri	bed by the
ву		A FIt. Standards pector		Manufacturer	In	spection Author	ization	ther (Specify)	*		
	FAA	A Designee	X	Repair Station		erson Approved anada Airworthi					
Date of		val or Rejection 0–93		Certificate or Designation No. CRS FV1R154		ignature of Aut	norized Individua	1			

3. Description (If more s	on of Work Acco	mplished , attach additional sh	eets. Identify with aircraft nationa	lity and registration mark a	and date work co	mpleted.)
We	ight and B	Accordance wi alance is negi	C-C2YF-2CHF Left S/N (th FAA Approved Chadwi ligable and a log book ft Inc. Work Order No.	ck Helmuth AW-95 centry has been	11-2 Manual	en Liberalik J
	in certificare)		END END			
	. 12012	sners Road ton Lake M. Y	Balls		in the same	September 1
		1				
					blic Airpor	
				le N. Y. 11735		
		0 00	Signature of Authorized Individ			
		The state of the s				
		-	Signature of Authorized Individu	CRS FVIRISME CRS FVIRISME		



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).

for each such	violation (Section	n 901	Federal Aviation Act of	1958).						
4 Ai	Make		Beechcraft				Model B	eech Bar	on B5	5	
1. Aircraft	Serial No.	T	C-1730				Nationality	and Registration	Mark	N42	HF
2. Owner			on registration certificate	9)			rtificate) t L. 3212				
				3	B. Fo	r FAA Use Onl	v				
	1			4	l. Un	it Identification	n			5. Type	
Unit		Ma	ke			Model		Serial No	o.	Repair	Alteration
AIRFRAME	~-	~~	~~~~~(As d	escibe	ed in	Item 1 above)	~~~	~~~~~			XXX
POWERPLANT											
PROPELLER											
APPLIANCE	Type Manufacturer										
	Manufacturer										
						formity Statem	ent		1 "		
	ame and Addres	S				ind of Agency U.S. Certified Med	chanic		C. Certi	ficate No.	
DBM					-	Foreign Certified			1		
			Hangar E-7		X Certified Repair Station					SH2R16	1L
Creve (Couer, MO.	63	146			Manufacturer					
have be	en made in accord	danc	lteration made to the un e with the requirements rect to the best of my ki	of Par	t 43						reto
Date 02/	23/2000				Sigr	nature of Author	ized Individ	Luar L		Jame	es Klug
			7.	Appr	oval	for Return to	Service	0			
Pursuent to Administrate	the authority give	en pe Aviat	rsons specified below, to	he unit	t ider	ntified in item 4	was inspect	ted in the manner REJECTED	prescribe	d by the	
	A Flt. Standards pector		Manufacturer	Ir	nspe	ction Authorizat	ion	Other (Specify))		
FA	A Designee	X	Repair Station	P	erso Cana	on Approved by da Airworthines	Transport s Group				
	val or Rejection		Certificate or Designation No.		Sign	ature of Authoria	zed Individu	191		Tam	og Vluz
02/	23/2000		SH2R161		-	- pour	- 4	17		Jame	es Klug

8. Description of Work Acc (If more space is required,	omplished attach additional sheets. Identif	y with aircraft nationality an	nd registration mark and dat	e work completed.)	ACTOL STEM regisseque sons
Performed the	e following modifications a	and or replacements	as per the STC number	ers listed below.	
	WINDSH	IELD AS PER STC S	A993NE		
	See log book ent	ry and new empty we	eight for this date.		
	ess fAs shown on regustration of	Add	en registrance comficate)		
		ditional Sheets Are Attach			

US Department

MAJOR REPAIR AND ALTERATION

of Transportation Federal Aviation

(Airframe, powerplant, Propeller, or Appliance)

Form Approved
OMB No.2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR43.9, FAR 43 Appendix B. and AC43.9-1 (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). Make Model BEECH 95-B55 1.Aircraft Nationality and Registration Mark Serial No. TC-1730 N42HF Name (As shown on registration certificate) Address (As Shown on registration certificate) 2. Owner 1785 DOOLITTLE CT **HUMES THOMAS M** DAYTONA BEACH FL 32124-6757 3. For FAA Used Only 4. Unit Idenliticalion 5. Type Make Model Serial No. Repair Alteration Unit AIRFRAME (As described in item 1 above) -----XXX Balance done and enter the roughs in the POPL Amend the POWERPLANT PROPELLER Type APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency C. Certificate No. Ernest W. Colbert X U.S. Certificated Mechanic COLEMILL ENTERPRISES INC. Foreign Certificated Mechanic AP445788 Post Office Box 60627 Certificated Repair Station Nashville, TN 37206 Manufacturer D. I certify that the repair and/or alteration made to units(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 2-20-01 Ernest W. Colbert 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 **✓** APPROVED REJECTED Administrator of the Federal Aviation Administration and is FAA Flt. Standards Other (Specify) X Inspection Authorization Manufacturer Inspector By Person Approved by Transport **FAA** Designee Repair Station Canada Airworthiness Group

Signature of Authorized Individual

2-20-01

Date of Approval or Rejection

Certificate or

Designation No.

AP2178607IA

Description of work accomplished if more space is required, attach additional sheets. Identify with national sheets.	onality and registration mark and date work co	mpleted.)	Il lo nollisiophi bris
The state of the s	Moder	CHOS NOT PERBITM AVENUE ACTOR	not each such violation (Sin
			The state of the s
masily and Regelbation Mark			Sand Sand
N42HF		TC-172	
		As shown on registration certifica	amsVI
170 BUTTLE OT			
Aircraft Modified to Colemill Ento 10 550 E Engines and two Hartze The Modification was done in accordance.	terprises Inc. President II with The ell Three Bladed Propellers Model cordance with Colemill Enterprise Manual Suppliment was placed in	EHC- G3YF-2UF/FC7663D s Inc. STC #SA432SO Ame	DB-4T. nded
	Il Shadin Fuel Flow System. The Sompany Fuel Flow Transducers p		din
3. Installed a J.P. Instruments Twin Instrument STC# SA00729SWE.	temperature system EDM 760 wit This is a stand alone unit.	th Fuel Flow in accordance v	vith J.P.
4. Remove a KR 85 ADF, a KI 255	head and a 42 antenna. dooseb aA		RERAME
 Weight and Balance done and ent the POH. 	ter the results in the POH. Amend	the Equipment List and insta	all in ni lis
6. No change in the Electrical load.7. It has been determined by test flis	ght that the auto pilot a King FCS-	\$10 previously installed is	RELIBROR
	nd will produce no adverse effect		PRIANCE Hause
	6. Conformity Statement		
C. Comitante No	B. Kind of Agency		Agency's Name and Add
Property and a second s	X U.S. Certificated Mechania		
APA45788	Fareign Gentlicated Machanic Certificated Ropair Station Manufacturor		COLEMILL ENTE Post Offine Box 6l Nashville, TN 372
	dentified in term 4 above and described Part 43 of the U.S. Federal Aviation Re	ndfor alteration made to units(s) i	3. Lambly that the regard a have been made in accor
			-4 5
	oproval for Return To Service		
	e and Identified in Juni 4 was inspected	iven persons revenier below, the	Pidriums to the authority of
(9),30		of Avention Automotivescon and la	
Other (Specify)	Inspection Authorization	(" switterfuns)/i	Chapman Sandman
	Person Approved by Transport Canada Anvortimes Group	Regau Station	
			ste of Approval in Rejustic
KARL M. CRIST	Additional Sheets Are Attached	AP21788071A	10 - 11 - 01 20 - 11 (12-08

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).

	Make Beec	chcraft			Model 95-B:	55			
1. Aircraft	Serial No. TC-	1730			Nationality and Registration Mark N42HF				
2. Owner	Name (As shown on registration certificate) Humes, Thomas M.				Address (As shown on registration certificate) 1785 Doolittle Ct. Daytona Beach, FL 32124-675				
				3. For FAA Use	Only				
				-					
				4. Unit Identifica	ation		5. T	ype	1
Unit	Unit Make			Model		Serial No.	F	Repair	Alteration
AIRFRAME	(As de		desc	ribed in Item 1 ab	ove) —				XXX
POWERPLAN	T								
PROPELLER									
	Туре								NAME OF THE PARTY
APPLIANCE	Manufacturer				here here here here here here here here				Version and a finish plant of the second
				Conformity Sta			0 0 45 4		
	ame and Address		kw	B. Kind of Agenc			C. Certificate	No.	
	nas M. Humes		-	X U.S. Certifica			26250	01	
	Doolittle Ct.		-	Foreign Certificated Mechanic Certificated Repair Station		20339	2635991		
Dayto	ona Beach, FL	32124		Manufacturer					
have bee	en made in accordan	alteration made to the ur ce with the requirements correct to the best of my kr	of Par	43 of the U.S. F	4 above and de ederal Aviation F	escribed on the reve Regulations and tha	rse or attachn the information	nents her on	eto
Date 16 Apr	- 2001			Signature of Auth	norized Individua	1			
		7.	. App	roval for Return	To Service				
Pursuant to	the authority given pe or of the Federal Avial	ersons specified below, the	e unit	identified in Item	4 was inspected ED	fin the manner pres JECTED	cribed by the		
	A Flt. Standards pector	Manufacturer	4	Jaspection Author	orization	Other (Specify)			
	A Designee	Repair Station		Person Approve Canada Airwort	ninessGroup				
Date of Appro	valor Rejection	Certificate or Designation No.	_	Signature of Aut	horized Individua	al			

vitch P/N anual. Remov	N 94E42-2 red two sur 084 IAW S	IAW JanAero	Devices 9 06-530032 NM.	Service Letters A-103 2-1 and installed Rose	h Baron Shop
			C BOOVE	3, For EAA Usu Only	

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MAJOR REPAIR AND ALTERATION

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

(Airframe, Powerplant, Propeller, or Appliance) 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 1958) Make Model **BEECHCRAFT B55** 1. Aircraft Serial No. Nationality and Registration Mark TC-1730 N42HF Address (As shown on registration certificate) Name (As shown on registration certificate) 2. Owner HUMES, THOMAS M. 1785 DOOLITTLE CT. PORT ORANGE, FL. 32128-6757 data 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. APR 4 0 2004 FAA Unitidencification 5. Type Make Model Serial No. Repair Alteration \boxtimes ~(As described in item 1 above)~ AIRFRAME POWERPLANT PROPELLER APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency C. Certificate No. U.S. Certified Mechanic DAYTONA AIRCRAFT SERVICES DYTR262K Foreign Certified Mechanic 561 PEARL HARBOR DRIVE Certified Repair Station DAYTONA BEACH, FL. 32114 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. April 7, 2004 T. COLEMAN 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 APPROVED REJECTED Administrator of the Federal Aviation Administration and is Other (Specify) FAA Flt Standards Manufacturer Inspection Authorization Inspector Person Approved by Transport FAA Designee Repair Station Certificate or

FAA Form 337 (12-88)

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.

	Accomplishe	

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

REMOVED COMMUNICATIONS CORP. CIR-10 S/N20922 E.L.T. INSTALLED IN ITS PLACE AN AMERI-KING AK-450 S/N471062 EMERGENCY LOCATOR TRANSMITTER PER INSTALL MANUAL #IM-450. USING EXISTING ANTENNA. IN CONFORMANCE WITH TSO-C91a AND DO-160c

ALL WORK WAS IN ACCORDANCE WITH AC43.13-1B CHAPTER 10, CHAPTER 11 SECT. 3-15, CHAPTER 12 SECT. 1,2, AC43.13-2A CHAPTER 1 PARA.6,7,9, CHAPTER 2 PARA. 21,22,23,24,27, CHAPTER 3 PARA. 36.

IN COMPLIANCE WITH F.A.R. 23.1301 AND 23.1351.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

AIRCRAFT REG. #: N42HF,EQUIPMENT EMERGENCY LOCATOR TRANSMITTER. FUNCTION: BEACON LOCATOR INTERFACES:N/A .OPERATION:REFERENCE APROPRIATE PILOTS GUIDE SERVICE INFO: ALL SERVICING MUST BE ACCOMPLISHED BY APPROVED DEALERS FOR AMERI-KING EQUIPMENT.PROBABLE MALFUNCTIONS: N/A REMOVAL/REPLACEMENT: STANDARD TOOLS FOR ACCESS DIAGRAMS:N/A SPECIAL INSPECTIONS:N/A, PROTECTIVE TREATMENTS:N/A, STRUCTURAL DATA:N/A,SPECIAL TOOLS:N/A, COMMUTER CATEGORY INFO:N/A, OVERHAUL PERIODS: PERFORM INSPECTION A MINIMUM OF ONE TIME EACH YEAR PER IM-450 OPS MANUAL,BATTERY REPLACEMENT IS ON DUE DATE OF BATTERY OR ONE YEAR INTERVALS AND BATTERY REPLACEMENT IS REQUIRED WHEN IN USE FOR MORE THAN ONE CUMULATIVE HOUR.AIRWORTHINESS LIMITATIONS:N/A, PROCEDURE TO REVISE ICA:A COPY OF A REVISED FORM 337 AND REVISED ICA WILL BE SUBMITTED TO THE LOCAL FSDO ALONG WITH A LETTER OF INTENT. ONCE THE FAA APPROVED FORM 337 IS RECEIVED, A MAINTENANCE RECORD WILL BE MADE IDENTIFYING THE REVISION, LOCATION, AND DATE OF FORM 337.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE AIRCRAFT LOGBOOK ENTRY MADE FUNCTIONAL TEST PERFORMED

 	END	
	ek Wilde	

Additional Sheets Are Attached

5
US Department
of Transportation
Federal Aviation
A stanting industrial

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

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number
	or 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)) Nationality and Registration Mark Serial No. N42HF TC-1730 1. Aircraft Make Model Series Beechcraft 95-B55 Name (As shown on registration certificate) Address (As shown on registration certificate) Address 1785 Doolittle Ct 2. Owner Port Orange State FL Zio Humes, Thomas M. 32128 Country Volusia 3. For FAA Use Only 5. Unit Identification 4. Type Alteration Unit Model Serial No. Repair Make (As described in Item 1 above) 1 AIRFRAME POWERPLANT PROPELLER Type APPLIANCE Manufacturer 6. Conformity Statement B. Kind of Agency A. Agency's Name and Address U.S. Certificated Mechanic Thomas M. Humes Manufacturer Address 1785 Doolittle Ct. Foreign Certificated Mechanic C. Certificate No Port Orange Certificated Repair Station City State FL Country Volusia 32128 Certificated Maintenance Organization Ζip 2635991 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 11 JUN 2009 App. B Thomas M. Humes 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 Persons Approved by Canadian FAA Flt. Standards Maintenance Organization Manufacturer Department of Transport Inspector BY Other (Specify) Inspection Authorization FAA Designee Repair Station Certificate or Signature/Date of Authorized Individ Designation No. DM J GRAINGER 6-11-2009

FAA Form 337 (10-06)

1278275

			N42HF		11 Jur	2009	
alled Airwolf Filter (nt), and on the aircr figuration IAW STC ructions for continu	raft firewalls. \$#SA00079N red airworthir	Engine S/Ns may NY and AC43.13-16 ness are included in	B on each engine, change in the futu B/2B. This kit use n the STC and sha	ire. Installations Champion P. all be part of th	S/N 681060 n was made /N 48109 or e e aircraft insp	in the horizequivalent oection an	zontal oil filter d
ntenance requirem ords. 	ents. Aircraf		ce recomputed an	d entered into	the POH and	maintena	ince

6
US Department
of Transportation
Federal Aviation

MAJOR REPAIR AND ALTERATION

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number	
	For FAA Use Only	97

(Airframe, Powerplant, Propeller, or Appliance) Administration 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)) Nationality and Registration Mark Serial No. N42HF TC-1730 1. Aircraft Make Model Series Beechcraft 95-B55 Name (As shown on registration certificate) Address (As shown on registration certificate) Address 1785 Doolittle Ct 2. Owner State FL Port Orange Humes, Thomas M. 32128 Country Volusia 3. For FAA Use Only 5. Unit Identification 4. Type Repair Alteration Unit Make Model Serial No. (As described in Item 1 above) **AIRFRAME** 1 **POWERPLANT PROPELLER** Type APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency U. S. Certificated Mechanic Thomas M. Humes Manufacturer Address 1785 Doolittle Ct. Foreign Certificated Mechanic C. Certificate No. State EL City Certificated Repair Station Port Orange 32128 Country Volusia Certificated Maintenance Organization 2635991 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. Signature/Date of Authorized Individual Extended range fuel 17 JUN 2010 per 14 CFR Part 43 App. B Thomas M. Humes 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 FAA Fit. Standards Persons Approved by Canadian Maintenance Organization Manufacturer Department of Transport Inspector BY Other (Specify) Inspection Authorization **FAA Designee** Repair Station Signature/Date of Authorized Individual Certificate or Designation No. angy 6-17-2010 M. J. Grainger

FAA Form 337 (10-06)

278275

			N42HF		17 Jun 2010
20B, rev M. Insti	tructions for continu	ued airworthine: ments. Aircraft	Nationalit	ty and Registration Mark 01110CH and Eagle e STC and shall be	Date installation instruction
			-EINU		

U S Department of Transportation

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

Form A	ppr	oved
OMB	No.	2120-0020

For FAA Use Only

Office Identification

Federal Aviation

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for ea	ch sucl	h violation (Section	901	Federal Aviation A	ct of 195	58)	undan to	ka naska	14 2 1 2 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
1. Aircr	oft	Make		BEECH		5	Model		95-B5	55(T42A)	ID AS E
I. All CI	ait	Serial No.		TC-1730	95 / 25	c vains	Nationali	ty and Registrat	ion Mark	N42HF	RA AB 1
2. Own	100- er 11			registration cetifica OMAS M.		For FAA U	ANUFACT CHAPTER	1785 DOO! DAYTONA	registration certii LITTLE COUR BEACH, FLOF 8-6757	Таарылая	SKSTEM REVIEW AND ACC
4			3.1	du at 12 A9	3,	FOR FAA U	se Only	esa a mas	smaa ssa s		
Construction of the particular and the particular a				PARAGRAPH & HELLE ACT ACT ACT ACT BEALLE ACT ACT BEALLE ACT ACT	NO LTA TANKI ZBT A1		A PKLAN GA GP1, OR GP1, OLGPLAY				PDF DAIN READIN RADIO RADIO RA RAZIER F
					4,	Onit identi	lication		G. 315 b. A	o. Type	SARDNIA
Uni	t	Ма	ke			Model	CVA 1	Seri	ial No.	Repair	Alteration
AIRFRAM	E	~~~~	~~~	.0403 144	As descr	ibed in item	1 above ~~	NOT EXCESS	3306 1303	(Olym)	X
POWERP	LANT						9 V G G	AIREORIBIE ve on; See 0	CAMBLEST OGS 302 ITSTSTA 10	PROPERTY OF THE PROPERTY OF TH	Dustavi Pel il Lag il
PROPE	LLER	sm ron el se		elezañ en 310		y lac	no zła			L piliori Butures	
APPLIAI	NCE	Type Manufacturer	(a 1 t	Partiren (C)		B of Tal Stan5M ac		informatik - 1990 Inst Ny A - Ereatn	aplecement afar to 150 received of Fratece	t to factorial to the control of the	10 AQL
		L			6. C	onformity S	tatement				
A. Agend	y's Nai	me and Address			B.	Kind of Agen			C. Certificate	No.	11 mm
The contract of the contract of		QUEST AVION P.O. BOX 7700 OCALA, FL 34	28		X	Foreign Ce		echanic	Tatratic Distantation Distantation Sevined	QVNR604L	IA. OVE IS. Air IS. Nev IS. Nev
hav	e been	made in accordan	ce w	ration made to the unith the requirement of the best of my	s of Parl	43 of the U.					to see see
Date		2			Się	nature of Au	therized Inc	Dvidual			
/	el	may 23	,	2011	. Appro	oval for Reti	urn To Ser	vice	7		
				ons specified below Administration and	the unit		item 4 was	inspected in the	manner prescribe	ed by the	
BY	F/ in	AA Fit. Standards spector		Manufaacturer		spection Auth		Other (Spe	ecify)		
		AA Designee	X	Repair Station		rson Approve nada Airwort					2
Date of A	Approva	al or Rejection	Cer	tificate or signation No.	Signati	ire of Authori	ized Individi	ua)			
-/	00/	cull		QVNR604L		DA SIA E lock	1				

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.

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

REMOVED

1 EA UNITED 7040-B4 VERTICAL SPEED INDICATOR.

1 EA KING KI-214 VOR/ILS INDICATOR.

TNSTALLED.

1 EA ASPEN EFD-1000 PRO ELECTRONIC FLIGHT DISPLAY SYSTEM.

SYSTEM INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLTION MANUAL P/N900-00003-001, REV.L, AC43.13-1B, CHAPTER 5, sec.1, CHAPTER 11, sec. 4,5,7,10,12,&16,AND CHAPTER 12, AND AC43.13-2B, CHAPTER 2.

SYSTEM INSTALLED in accordance with STC # SA10822SC, REISSUED dated 9/29/2009 rev.2. AIRCRAFT LISTED IN AML DOCUMENT # 035-00007-001 rev.C ON PAGE 10 OF 17.

PDF UNIT MOUNTED IN PILOT'S PANEL AT STATION 65.0 AS PER PARAGRAPH 203 OF AC43.13-2B. RSM MOUNTED IN AFT SECTION ON TOP OF AIRCRAFT AT STATION 182.0. ACU MOUNTED ON BAGGAGE RADIO SHELF AT STATION 45.0 AS PER AC43.13-2B. SYSTEM CONNECTED TO GARMIN GNS-530W FOR GPS/NAV INFORMATION AND BENDIX/KING KX-165 NAV/COM FOR #2 NAV INFORMATION TO BE DISPLAYED AND INTERFACED WITH BENDIX FCS-810 AUTOPILOT SYSTEM.
EQUIPMENT LIST REVISED TO REFLECT THESE CHANGES.

AIRCRAFT TO BE WEIGHED.

INSTALLATION COMPLIES WITH FAR 23.1301 AND 23.1431.

TOTAL ELECTRICAL LOAD DOES NOT EXCEED 80% OF TOTAL AIRCRAFT LOAD.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS,

Introduction: See above Description of Alteration: See above 2.

3. Control, Operation, information: Refer to ASPEN EFD-1000 Pilot's Guide

Servicing Information: N/A

Maintenance Instructions: On Condition Only, Periodic maintenance is not required. Troubleshooting Information: Refer to EFD-1000 Maintenance Manual. Removal or Replacement Information: Refer to EFD-1000 Installation Manual. 5.

6.

Diagrams: Refer to EFD-1000 Installation Manual. 8.

Special Instruction: N/A

10. Applications of Protective Treatments: N/A

11. Data: Relative: N/A

12. Special Tools: N/A
13. Commuter Category: N/A
14. Overhaul Period: N/A

15. Airworthiness Limitation Section: N/A
16. Revision: A letter will be submitted to the local FSDO with a copy of the revised

FAA form 337 and revised ICA.

SYSTEM	TESTED	AND	FOUND	ТО	PERFORM	SATISFACTORY.	

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U S Department of Transportation

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

Federal Aviation Administration

INSTRUCTIONS: Print or type all entries. See FAR 43.9 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)

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2. Owner		n on registration cetificate) THOMAS M.			Address (As Shown on registration certificate) 1785 DOOLITTLE COURT DAYTONA BEACH, FLORIDA 32128-6757					
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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. Discription of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

REMOVED

1 EA KING KX-175B NAV/COM SYSTEM WITH KI-214

1 EA NORTHSTAR GPS-600 GPS SYTEM WITH 2006 SERIALIZER.

1 EA NAT RS-08-001 RELAY UNIT

INSTALLED

1 EA GARMIN GNS-530W WAAS GPS/COM/ILS SYSTEM.

1 EA GARMIN GA-35 GPS ANTENNA.

1 EA DEKLIN DWA-1000 ANNUNCIATOR UNIT.

SYSTEM INSTALLED IN ACCORDANCE WITH AC43.13-1B, CHAPTER 5, sec.1, CHAPTER 11, sec. 2,3,4,5&7, AC43.13-2B, CHAPTERS 2&3, AND AC20-138a, app.1, para.1. INSTALLATION WAS MADE IN REFERENCE WITH MANUFACTURER'S INSTALLATION MANUALS p/n 190-00357-08 rev C dated 6/2010. SYSTEM INSTALLED I/A/W PREVIOUSLY APPROVED SUPPLEMENTAL TYPE CERTIFICATE (STC) NUMBER SA01933LA dated 11/6/2006.AIRCRAFT LISTED ON APPROVED MANUFACTURER'S LIST ON PAGE 7. PANEL UNIT MOUNTED IN RADIO PANEL AT STATION 61.0 as PER PARAGRAPH 203 OF AC43.13-2B. MOUNTED GPS/WAAS ANTENNA ON TOP AT STATION 118.0 AS PER CHAPTER 3 OF AC43.13-2B. DWA-1000 ANNUNCIATOR MOUNTED IN PILOT'S PANEL AT STATION 67.0. SYSTEM CONNECTED TO EXISTING ASPEN EFD-1000 PRO PFD SYSTEM FOR DISPLAYING NAVIGATION AND GPS INFORMATION. USED EXISTING COM AND NAV ANTENNA SYSTEMS.
INSTALLATION COMPLIES WITH FAR 23.1301 AND 23.1431.
EQUIPMENT LIST AND WEIGHT AND BALANCE DATA REVISED TO REFLECT THESE CHANGES. ELECTRICAL LOAD ANALYSIS DETERMINED THAT TOTAL ELECTRICAL LOAD DOES NOT EXCEED 80% OF TOTAL AIRCRAFT LOAD.

ELECTROMAGNETIC COMPATIBILITY: THE GNS-530W DOES NOT INTERFER WITH THE NORMAL OPERATION OF OTHER EQUIPMENT INSTALLED IN THE AIRCRAFT. VERIFIED THAT THERE IS NOT FREQUENCY INTERFERENCE/OR DEGRATION OF NAVIGATIONAL SIGNALS ON THE FOLLOWING VHF FREQUENCIES: 121.150 mhz, 121.175 mhz, 121.200mhz, 131.250mhz, AND 131.300mhz.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS,

Introduction: See ABOVE
 Description of Alteration: See Above
 Control, Operation, information: Refer to Garmin GNS-530W Pilot's Guide

Servicing Information: N/A

Maintenance Instructions: On Condition Only, Periodic maintenance is not required. Troubleshooting Information: Refer to GNS-530W Maintenance Manual. Removal or Replacement Information: Refer to GNS-530W Installation Manual. 5.

6.

Diagrams: Refer to GNS-530W Installation Manual.

Special Instruction: N/A

10. Applications of Protective Treatments: N/A

11. Data: Relative: N/A

12. Special Tools: N/A

13. Commuter Category: N/A 14. Overhaul Period: N/A

15. Airworthiness Limitation Section: N/A
16. Revision: A letter will be submitted to the local FSDO with a copy of the revised

FAA form 337 and revised ICA.

SYSTEM FUNCTION CHECKED AND FOUND TO PERFORM SATISFACTORY. THE GARMIN GNS-530W GPS APPROVED FOR VFR AND IFR ENROUTE, TERMINAL, AND PRECISION APPROACH NAVIGATION AND WAS INSTALLED AND TESTED IN ACCORDANCE WITH AC20-138A, PARAGRAPH 8.c.(2).

FAA APPROVED FLIGHT MANUAL SUPPLEMENTAL (FMS) INSTALLED IN AIRCRAFT'S APPROVED FLIGHT MANUAL (AFM).

AIRCRAFT PLACARDED "GPS APPROVED FOR VFR AND IFR ENROUTE, TERMINAL, AND PRECISION APPROACHES". ----- END ------

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U S Department of Transportation

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

Form Approved									
OMB No.	2120-0020								

For FAA Use Only

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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. Discription of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) REMOVED 1 EA KING KT-76 TRANSPONDER. **INSTALLED** 1 EA BENDIX/KING KT-74 MODE S TRANSPONDER SYSTEM WITH ADS-B OUT. SYSTEM INSTALLED IN ACCORDANCE WITH AC43.13-1B, CHAPTER 5, sec.1, CHAPTER 11, sec. 2,3,4,5&7,AND AC43.13-2B, CHAPTERS 2&3. INSTALLATION WAS MADE IN REFERENCE WITH MANUFACTURER'S INSTALLATION MANUALS p/n D201308000037, DATED 11/15/2013 REV. D.
SYSTEM INSTALLED I/A/W PREVIOUSLY APPROVED SUPPLEMENTAL TYPE CERTIFICATE (STC) NUMBER SA00765DE. AIRCRAFT LISTED ON APPROVED MANUFACTURER'S LIST ON PAGE 9 OF 30. PANEL UNIT MOUNTED IN RADIO STACK AT STATION 65.0, WHERE REMOVED UNIT WAS, AS PER PARAGRAPH 203 OF AC43.13-2B. USED EXISTING ANTENNA SYSTEM. SYSTEM CONNECTED TO EXISTING GNS-530W DISPLAY AND INFORMATION FOR ADS-B OUT AND EXISTING AUDIO SYSTEM. INSTALLATION COMPLIES WITH FAR 23.1301 AND 23.1431.
EQUIPMENT LIST AND WEIGHT AND BALANCE DATA REVISED TO REFLECT THESE CHANGES. ELECTRICAL LOAD ANALYSIS DETERMINED THAT TOTAL ELECTRICAL LOAD DOES NOT EXCEED 80% OF TOTAL AIRCRAFT LOAD. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, Introduction: See ABOVE
Description of Alteration: See Above 1. Control, Operation, information: Refer to BENDIX/KING KT-74 Pilot's Guide Servicing Information: N/A Maintenance Instructions: On Condition Only, Periodic maintenance is not required. Troubleshooting Information: Refer to KT-74 Maintenance Manual. 6. Removal or Replacement Information: Refer to KT-74 Installation Manual. Diagrams: Refer to KT-74 Installation Manual. Special Instruction: N/A 8. 10. Applications of Protective Treatments: N/A 11. Data: Relative: N/A 12. Special Tools: N/A 13. Commuter Category: N/A 14. Overhaul Period: N/A 15. Airworthiness Limitation Section: N/A 16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA form 337 and revised ICA. SYSTEM FUNCTION CHECKED AND FOUND TO PERFORM SATISFACTORY. FAA APPROVED FLIGHT MANUAL SUPPLEMENTAL (FMS) INSTALLED IN AIRCRAFT'S APPROVED FLIGHT

MANUAL (AFM).

----- FND ------

SEND TO FAA OR City

6
US 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
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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) ederal Aviation 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)) Nationality and Registration Mark Serial No. TC-1730 N42HF 1. Aircraft Make Series Beechcraft 95-B55 Name (As shown on registration certificate) Address (As shown on registration certificate) Address 1785 Doolittle Ct Humes, Thomas M. 2. Owner City Port Orange State FL Zip 32128 Country 3. For FAA Use Only 5. Unit Identification 4. Type Repair Alteration Unit Make Model Serial No. TC-1730 (As described in Item 1 above) **AIRFRAME** Х **POWERPLANT PROPELLER** APPLIANCE Manufacturer 6. Conformity Statement B. Kind of Agency A. Agency's Name and Address U. S. Certificated Mechanic Thomas Humes Manufacturer Address 1785 Doolittle Ct Foreign Certificated Mechanic C. Certificate No. State FL Certificated Repair Station City Port Orange 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 10 Aug 18 App. B 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 Persons Approved by Canadian FAA Flt. Standards Maintenance Organization Manufacturer Department of Transport Inspector BY Other (Specify) Inspection Authorization Repair Station **FAA Designee** Signature/Date of Authorized Individual Certificate or Designation No. 1525270IA

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US Department
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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance

For FAA Use Only							
OMB No. 2120-0020 Exp: 5/31/2018							

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Extended per 14 CF App. B	range fuel R Part 43			_	30 Ap-19					
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			persons specified on Administration and			X Approved	Rejecte		manner prescribed by the	
BY	FAA Flt. Stand Inspector	lards	Manufacturer		Maintenance O		Persons Approved by Canadian Department of Transport			
ы	FAA Designee		Repair Station	X	Inspection Auth	orization	Other (Specify)			
Certificate Designation	or on No. 15252	70IA	Signature/Date of A	uthoriz	zed Individual	l 30	an	il z	_019	

	N42HF	10 A	ug 2018	
	Nationality and Regist	ration Mark	Date	75,6
stalled Marsh Brothers Baron MLG door hing 03342NY and Installation Instruction II0002 included in the aircraft inspection and main	. Maintenance Manua	I Supplemen	W STC	02 shal

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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 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)

for e	ach suc	ch violation (Section	901	Federal Aviat	ion Act o	f 1958	8)			M20.00	137 V OM 37	sist yazana	1 64 0
1. Airc	raft	Make		BEEC	Н			M	lodel		95-B5	55 (42A)	
I. AIIC	rait	Serial No.		TC-173	0	Nationality and Registration Mark						N42HF USA	
2. Ow	ner	Name (As shown	THO	registration o									
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AIRFRAI	ME	90100		~~ (As	descri	ibed	in item 1 abo	ove ~~~	See ABOVE	non: on of Alle operation,	Introduci Descripti Control	X	
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BY	ir	AA Fit. Standards espector	-	Manufaacture		1.		tion Authoriza			fy)		
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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. Discription of Work Accomplished

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

REMOVED

1 EA BENDIX/KING KCS-55A SYSTEM

INSTALLED

1 EA GARMIN GI-275 MULTI-FUNCTION DISPLAY UNIT.

SYSTEM INSTALLED IN ACCORDANCE WITH AC43.13-1B, AC43.13-2B, CHAPTER 2, AND IN REFERENCE WITH MANUFACTURER'S INSTALLATION MANUAL P/N 190-002246-03 & 190-02246-10 (LATEST REVISIONS) AND SA02658SE DATED 01/13/2020. INSTALLATION OF THIS SYSTEM INCLUDED IN FAA APPROVED MODEL LIST (AML) ON PAGE 30 OF 36.

GI-275 UNIT MOUNTED IN PILOT'S SUB PANEL AT STATION 64.0 AS PER PARAGRAPH 203, CHAPTER 2 OF AC43.13-2B. CONNECTED TO EXISTING GARMIN GNS-530W AND BENDIX/KING KX-165. INSTALLATION COMPLIES WITH FAR 23.2505 AND 23.2510.

EOUIPMENT LIST AND WEIGHT AND BALANCE DATA WAS REVISED TO REFLECT THESE CHANGES.

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

ELECTROMAGNETIC COMPATIBILITY: THE GI-275 DOES NOT INTERFER WITH THE NORMAL OPERATION OF OTHER EQUIPMENT INSTALLED IN THE AIRCRAFT. VERIFIED THAT THERE IS NOT FREQUENCY INTERFERENCE/OR DEGRATION OF NAVIGATIONAL SIGNALS ON THE FOLLOWING VHF FREQUENCIES; 121.150 Mhz, 121.175 Mhz, 121.200 Mhz, 131.250 Mhz and 131.300 MHz.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS;

Introduction: see ABOVE

Description of Alteration: see ABOVE

3. Control, operation, information: Refer to Garmin GI-275 Pilot's Guide

Servicing Information: N/A

Maintenance Instructions: On Condition only, Periodic maintenance is not required.

Troubleshooting Information: Refer to GI-275 Maintenance Manual.

Removal or Replacement Information: Refer to GI-275 Installation Manual. 5.

6.

Diagrams: Refer to GI-275 Installation manual.

9. Special Instructions: N/A

Applications of Protective Treatments: N/A 10.

11.

Data: Relative: N/A Special Tools: N/A 12.

13.

Commuter Category: N/S Overhaul Period: N/A 14.

15.

Airworthiness Limitation Section: N/A
Revision: A letter will be submitted to the Aircraft Registration Branch (AFS-750) in Oklahoma City. AN entry in the aircraft records should indicate the current revision.

FLIGHT MANUAL SUPPLEMENT (FMS) INSTALLED IN AIRCRAFT OPERATION MANUAL

SYSTEM FUNCTION CHECKED AND FOUND TO PERFORM SATISFACTORY.

Bergrisk !