6
US Department
of Transportation
Federal Aviation
A -44

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

US Departme										For FAA Use Only
of Transporta Federal Avia Administration	tion	(Airfran	ne, Powerplant, Pr	opelle	er, or Applia	nce)				
Instruction	CTIONS: Print as and disposi (49 U.S.C. §46	tion of this	all entries. See Title form. This report is re	14 CF equired	R §43.9, Par by law (49 U	t 43 Appendix .S.C. §44701). I	B, a Failure	nd AC 43 to report	3.9-1 (o can res	r subsequent revision thereof) fo sult in a civil penalty for each such
	NATIONAL N1833D		GISTRATION MARK: USA			SERIAL NO: C	E-9	952		
1. Aircraft	MAKE:		OOA		·	MODEL:	22	Λ	SERIES:	
	BEEC				F33A					
			registration certificate) ROME KNOX			Address (As s Address 1310 I			tion certii	ficate)
2. Owner	15012		COME KITOX			City FRONT F	ROYA	L		State VIRGINIA
				- 4	For FAA Use (0-534	1	Country	USA
				<u>J.</u>	<u>FOLFAA USE (</u>	лиу				
4. T	уре			5.	UnitIdentifica	tion				
Repair	Alteration	Uni	Unit Make				Mo	del		Serial No.
	V	AIRFRAM	RFRAME BEECH			(As described in Item 1 at)	CE-952
		POWERF	PLANT							
		PROPEL								
		APPLIAN	Type ICE Manufacturer							
Δ Agency's	Name and Add	troce			onformityState					
NAME: On Win		1633			. Kind of Agenc	y ated Mechanic		 	Manuf	20turas
ADDRESS: 51	1 Airport Rd				Foreign Certif	icated Mechanic		C.	Certifica	
CITY: Winch ZIP: 22602	ester		TE Virginia	~					2	OWR084C
D. I certify	y that the repair made in accord nd correct to the	and/or alte	ration made to the unit(s) he requirements of Part 4	identific 13 of the	ed in item 5 abo	laintenance Organiz ove and described viation Regulatio	d on th	e reverse or	r attach:	
Extended ra			Signature/Date of Autho	rizedilne	dividual				-	
per 14 CFR App. B			Kolintk) [1	ine 12	127/22	, 			
Purcuant	to the outher	h, aires =			val for Return t	o Service			_	
prescribed	by the Adm	Inistrator of	ersons specified below, f the Federal Aviation /	the ur Adminis	nit identified in stration and is:	item 5 was in: Approved	specte	d in the m	nanner	
	FAA Flt. Standa nspector	rds	Manufacturer	М	laintenance Org	ganization		Departmen		y Canadian sport
	FAA Designee		RepairStation	ln _	nspection Author	orization	Othe	r(Sp o cify)		
	OR DESIGNATION OWROSE		Signature/Date of Author	rzed inc	- /	37/22	<u></u>	- <u></u>		

		С.	

8. Description of Work Accomplished			
(If more space is required, attach additional sheets. Identify with aircraft nation	nality and registration mark N1833D		20mpleted.)
1. Introduction: Installation of Garmin GTN 750Xi.	Nationality and Regis		Date:
2: Description. Removed existing King KR 87 ADF Receiver PN Antenna PN: 071-01553-0200 SN:19474, and King KLN 90B G GTN750Xi PN: 011-04634-00 SN: 5FR005839.			
3: Control information.Reference Garmin GTN Xi Maintenance operation and self test information.			
4: Servicing information.The GTN Xi, GMA 35, and Flight Strea ailure, troubleshoot the GTN Xi, GMA 35, and Flight Stream 21 190-0107-C1 Rev.2	m 210/510 do not re 10/510 in accordance	quire servici e with Sectio	ng. In the event of system n 5 of the GTN M.M PN:
5: Maintenance instructions: Reference Garmin GTN Xi Maintel 6: Troubleshooting information: Reference Garmin GTN Xi Main 7: Removal/Replace information: Reference Garmin GTN Xi Ma 8: Diagram: Reference Garmin GTN Xi Part 23 AML STC Instal Appendix A&B.	ntenance Manual Ph aintenance Manual I	N:190-0107-0 PN:190-0107	C1 Rev.2, Section 5. -C1 Rev.2, Section 6.
9: Special inspection Requirements: None. 10: Application of Special Treatments: None. 11: Data: Reference Garmin GTN750Xi STC# SA02019SE-D, 0 190-01007-C0 Rev.6, Garmin GTN Xi Maintenance Manual PN	Garmin GTN Xi Part :190-0107-C1 Rev.2	23 AML STO 2, AC 43.13-2	C Installation Manual PN: 2A and AC 43.13-1B with
change 1. I2: List of Special tools: Calibrated milliohm meter with an accu electrical bonding between the GTN Xi/GMA system componer I3: Commuter Aircraft: Not Applicable.			required to measure the
14: Recommended Overhaul Periods: None.15: Approved Airworthiness limitations: There are no new airwo	orthiness limitations	associated w	rith this equipment and/or
nstallation. 16: Maintenance information ICAs. Revision instructions: Revis	ions to this installati	on shall subr	nit a revised FAA Form 33
to the local FSDO.			
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Additional Sheets Are Attac	ched		

US Department
of Transportation
Federal Aviation

	Electronic Tracking Number	OMB No. 2120-0020
	PERCOGNIC TRACKING NUTROP	Exp: 5/31/2018
	For FAA Use Only	
_	For FAA Use Only	

of '	Department Transportation deral Aviation ministration		(Airfran	ne, Po	owerplant, Prope	elle	r, or Applia	nce)			For FAA Use Only	
ın	structions	IONS: Print and disposit 9U.S.C. §46	tion of this	all ent form.	ries. See Title 14 This report is requir	CFF ed l	R §43.9, Part by law (49 U.	S.C. §44701). F	Failure to	report can r	(or subsequent revisions of su	on thereof) for for each such
		NATIONAL N1833D	ITY AND RE	GISTRA USA	TION MARK:			SERIAL NO: C	E-952	2		
1. A	ircraft	MAKE: BEEC	CH					MODEL	33A		SERIES:	
					tion certificate) E KNOX			Address (As s	hown on re	egistration ce DR	ertificate)	
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						3.1	or FAA Use C		0-5341	Cour	ntry USA	
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	4. Ty					5. (Jnit Identificat	ion			_	
L-f	Repair Alteration Unit			Make		Model			Serial No.			
	Д	V	AIRFRAN	IE	BEECH			(As describe	ed in Item 1	above)	CE-952	: 11
			POWERF	LANT								
			PROPELI	ER	Time							
			APPLIAN	CE	Type Manufacturer							ŕ
A. A	gency's N	ame and Add	Iress		6		nformityState Kind of Agency					
	On Wing t				 	۳	U. S. Certifica		*	Mar	nufacturer	
		Airport Rd					Fareign Certif	cated Mechanic		C. Certifi		
	Winche	ster		TE Virg		7	Certificated R	<u> </u>			20WR08	10
	Deenin	accord	and/or alte	ue redr	nade to the unit(s) idea sirements of Part 43 of	ntifie the	d in Item 5 abo	eintenance Organiz ve and describer viation Regulatio	on the rev	erse or attac	chments hereto have tion fumished herein is	
Evto		correct to the	a best or my		eage. ture/Date of Authorized	dlad	indual					1
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					7. Apr	PIOV	al for Return t	o Service				
pre	escribed I	by the Admi	nistrator of	the F	specified below, the ederal Aviation Adm	un	it identified in tration and is:	item 5 was in: Approved		the manne ected	er 	
BY	, ,	A Flt. Standa spector	rds	Manu	ıfacturer	Má	aintenance Org	anization		sons Approve partment of Tri	d by Canadian ansport	9.
- •	FA	A Designee		Repa	ir Station	Ins	spection Autho	rization	Other(Sp	ecify)		
CERT		DESIGNATION		Signa	ture/Diste of Authorized			7/22				

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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.

	N1833D	USA	12/27/2022
	Nationality and Regis		Date:
1. Introduction: Installation of Garmin GTX 345R. 2: Description. Removed existing Ack Encoder PN:A30.02-00 and uAvionix Tail Beacon PN: UAV-1001362-001-L. Installed Rami Transponder Antenna PN: AV-74-1. 3: Control information. Reference Garmin GTX 33X and GTX Section 3 for system operation and self test information. 4: Servicing information. GTX 33X and GTX 3X5 LRU mainterequired for the GTX 33X and GTX 3X5 with ADS-B installation when an item exhibits conditions, symptoms, and/or abnormational. Replacement and/or servicing should be made only guidance in the GTX Maintenance Manual along with common structions: Reference Garmin GTX 345 Ma 6: Troubleshooting information: Reference Garmin GTX 345 Ma 6: Troubleshooting information: Reference Garmin GTX 345 Ma 9: Special inspection Requirements: None. 10: Application of Special Treatments: None. 11: Data: Reference Garmin STC# SA01714WI, Garmin GTX GTX 33X and GTX 3X5 ADS-B Maintenance Manual P/N 190 Change 1. 12: List of Special tools: Calibrated milliohm meter with an actramp tester, Calibrated Pitot/static ramp tester, 50 0 5 watt ar	D, King KT76A ATC Trail Garmin GTX345R PN (3X5 ADS-B Maintena enance is "on condition on. On Condition replastities as defined in Seafter the technician troin avionics maintenance intenance Manual P/N Maintenance Manual PN (345 Installation manual PN (345 Installation manual PO-00734-11 Rev. 8, AC)	ansponder PI: 010-01217 Ince Manual I only. Compacement and/cition 5 of the publeshoots to practices. I 190-00734-P/N 190-00734-1190-00734-1	N: 066-1062-00 SN: 4501: -06 SN: 3EH040791 and PN:190-00734-11 Rev.8 conent-level overhaul is not or servicing should occur. GTX Maintenance he system by using the 11 Rev. 8, Section 4.4. 34-11 Rev. 8, Section 5. 734-11 Rev. 8, Section 6. 10 Rev.15 Appendix A&B.
13: Commuter Aircraft: Not Applicable.14: Recommended Overhaul Periods: None.15: Approved Airworthiness limitations: There are no new air		associated w	ith this equipment and/or
 13: Commuter Aircraft: Not Applicable. 14: Recommended Overhaul Periods: None. 15: Approved Airworthiness limitations: There are no new airnstallation. 16: Maintenance information ICAs. Revision instructions: Revision the local FSDO. 	worthiness limitations		
 Commuter Aircraft: Not Applicable. Recommended Overhaul Periods: None. Approved Airworthiness limitations: There are no new airnstallation. Maintenance information ICAs. Revision instructions: Revision instructions: Revision. 	worthiness limitations a	on shall subr	nit a revised FAA Form 33
 13: Commuter Aircraft: Not Applicable. 14: Recommended Overhaul Periods: None. 15: Approved Airworthiness limitations: There are no new airnstallation. 16: Maintenance information ICAs. Revision instructions: Revious the local FSDO. 	worthiness limitations a	on shall subr	nit a revised FAA Form 33
 13: Commuter Aircraft: Not Applicable. 14: Recommended Overhaul Periods: None. 15: Approved Airworthiness limitations: There are no new airnstallation. 16: Maintenance information ICAs. Revision instructions: Revolute Incal FSDO. 	worthiness limitations a	on shall subr	nit a revised FAA Form 33
 I3: Commuter Aircraft: Not Applicable. I4: Recommended Overhaul Periods: None. I5: Approved Airworthiness limitations: There are no new airnstallation. I6: Maintenance information ICAs. Revision instructions: Revolute Income Income	worthiness limitations a	on shall subr	nit a revised FAA Form 33

Additional Sheets Are Attached

US Department
of Transportation
Federal Aviation
Administration

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

		М	AJOR REPAIR	AND AL	TERATION			Exp. 3/3/1/2016		
US Departmen of Transportation Federal Aviation	on ion	(Airfran	ne, Powerplant,	Propelle	er, or Applia	nce)			For FAA Use Only	
Administration										
instructions	s and disposi 49 U.S.C. §46	tion of this 301(a))	form. This report is	le 14 CF required	R §43.9, Part by law (49 U.	S.C. §44701). F	ailure	to report can	(or subsequent revision result in a civil penalty for	thereof) for each such
	NATIONAL N1833D	JTY AND RE	GISTRATION MARK: USA			SERIAL NO: C	E-9	52		
1. Aircraft	MAKE: BEEC	CH				MODEL	33/		SERIES:	
			egistration certificate)			Address (As s	hown	on registration o	vertificate)	_
2. Owner	BUTLI	ER JER	OME KNOX			Address 1310 II			·	
						City FRONT R			State VIRGINI/	^
				3,	For FAA Use C		3 00 1			
4. Ty	/ре			5.	UnitIdentificat	ion				
Repair	Alteration	Uni	t	Make	ake Model			del	Serial No.	
	V	AIRFRAN	E BEEC	H	(As described in Item 1 about			em 1 above)	CE-952	
		POWERF	LANT							
		PROPELI	_ER							
		APPLIAN	Type CE Manufacturer							
A. Agency's I	Name and Ado	tress			onformityState Kind of Agency					
NAME: On Wing	пс			- 1		ted Mechanic		ТМ	anufacturer	
ADDRESS: 511	Airport Rd					icated Mechanic			ificate No.	·
CITY: Winche	ester		τε Virginia	<u> </u>	Certificated R				20WR084	\overline{C}
D. I certify	that the repair	rand/oralte	NTRY USA ration made to the un	it(s) identifi	ied in item 5 abo	aintenance Organiz	don th	e reverse or atta	achments hereto have ation fumished herein is	
true an	d correct to th	e best of my	knowledge.	210 40 01 01	o.o., eueras	viduoi i Negulatioi	rio aric	i u iai u ie inioniii	audit turnished nereints	
Extended rai per 14 CFR App. B	•		Signature/Date of Au	Hin	is 12/2					
Purewant +	n the authori	ty diver o	enne annaie de la		val for Return t					
prescribed	by the Adm	inistrator of	ersons specified beling the Federal Aviation	ow, the u	nit identified in stration and is:	rtem 5 was ins ✓ Approved	specte	d in the manr Rejected	ner	
	AA Flt. Standa spector	ards	Manufacturer	N	Maintenance Org	anization		Department of 1	red by Canadian Transport	
F.	AA Designee		RepairStation		nspection Author	nzation	Othe	r(Specify)		
CERTIFICATE O	R DESIGNATIO	ON NO:	Signature/Date of Au	a /	1 / /	, ,	7			
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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.

	N1833D	USA	12/27/2022
1 Introduction: Installation of Commits COV 408 January	Nationality and Re	gistration Mark	Date:
1. Introduction: Installation of Garmin G3X 10" display and asocia	ted Garmin syst	ems.	
2. Discription: Removed Stormscope WX-10A PN: 78-8047-0984	-4 SN:KUDU45U	1091, Stormson	ope WX-10A Antenna PN:
78-8041-7950-1 SN: 2506, Stormscope WX-10A Processor PN: 7 Mounting Plate, Troll Technology Copr. Avionics Fan, United Inst	0-004/-0905-1	3N: KUPU45U1	1091, Stormscope WX-10/
Instruments Altimeter PN: 5934-3 SN: 467965, United instrument	s Vertical Speed	IU PIN. 6025 SIN I DNI: 7040 SNI:	1. 64624, United
Instruments MFG. Turn Coordinator PN:507-0020-906/TC 120-2[) SN: M2803 R	echcraft Com	Antenna PN: 35-5006-1
ISN: 1269, Beechcraft NAV Splitter PN:35-5024 SN: 5901, King K	A 44 ADF Anten	na PN: 071-11	96-00 SN: 6922 King
KI203 VOR/LOC Converter Indicator PN: 066-3034-00 SN: 1323(). Kina KDI572 [DME Indicator I	PN: 066-1069-00 SN:
[3637, King Kl227 ADF Indicator PN: 066-3063-00 SN: 5278, Kind	KLN 90B GPS	PN: 066-04031	1-1121 SN: 26841 King
KMA 24 Marker Beacon Receiver PN: 066-1055-03 SN: 19359, k	ing KN53 Navig	ation Receiver	PN:066-1067-01 SN:
54144, King KNS 81 Navigational Computer PN: 066-4010-10 SN	l: 5346, King KR	87 ADF Rece	iver PN: 066-1072-00 SN:
23472. Installed Cobham VHF Blade Com Antenna PN:CI-138 SI	N: 695917, Gam	nin GA35 GPS	Antenna PN:
013-00235-00 SN: 210524, Garmin GDU 460 PN: 011-02920-05 56J06878, Garmin GSU25 PN: 011-02929-51 SN: 5Q3003220, G	311. 3300 1323, Sarmin GTP50 P	, Garmin GMU N: 011 00079	11 PN: 011-04349-01 SN:
6 Cylinder Txi Engine Sensor Kit PN:K00-01011-00 SN: 4TK0087 2J2022403.	'23, and Garmin	GEA24 PN: 0	11-02848-01 SN:
Control Information: Reference Garmin G3X Touch EFIS Main	tenance Manual	PN:190-02472	2-02 Rev.5 Section 3 for
Controling and Operating information.			
4. Servicing Information: G3X Touch EFIS LRUs maintenance is	on condition on	ly. No compon	ent-level overhaul is
required for the G3X Touch EFIS Part 23 AML STC installation. S Rev.5 for equipment removal and installation.	see section 6 of	Garmin G3X M	.M. PN:190-02472-02
5. Maintenance Information: Reference Section 4.2-4.7 of the Ga	rmin G3X M M I	PNI-190-02472	.Ω2 Pay 5
Troubleshooting Information: Reference Section 5 of the Garm	in G3X M M PN	190-02472-02	Rev 5
Removal/Replacement Information: Reference Section 6 of the	Garmin G3X M	.M. PN:190-02	472-02 Rev.5.
8. Diagrams: Reference Appendix B and I of the Garmin G3X Ins	tallation Manual	PN:190-02472	-01 Rev.9. for installation
diagrams and wiring diagram interconnections.	0	14 DM 400 00	/T0 00 m m
 Special Inspection Requirements: Reference Section 4.7 of the Application of Special Treatments: There are no special treatments 	e Garmin G3X M ment requiremen	.M. PN:190-02	4/2-02 Rev.5.
components.	nont requiremen	is ioi the Gain	ini Goz system or its
11. Data: Garmin G3X STC# SA01899Wl, Garmin G3X Installation	n Manual PN:19	90-02472-01. G	Sarmin G3X Maintenance
Manual PN:190-02472-02 Rev.5, AC 43.13-1B with Change 1 and	d AC 43,13-2A.		
12. List of Special Tools: The Garmin G3X system has no special	s tools required	to perform mai	ntenance on its LRUs and
components. 13. Commuter Aircraft?: Not Applicable.			
14. Recommended Overhaul Periods: The Garmin G3X system d	oos not roquiro	arabarilaa at	a an adding the control of
15. Approved Airworthiness Limitations: The G3X Touch EFIS is a accordance with section 4 of the Garmin G3X Maintenance Manual	airworthy when i al PN:190-0247:	nstalled, config 2-02 Rev 5. Th	jured, and maintained in
additional) airworthiness limitations associated with this equipmer	nt and/or installa	tion. The Airwo	orthiness Limitations
section is FAA-approved and specifies maintenance required und Regulations, unless an alternative program has been FAA-approv	ergg43.16 and 9	31.403 of Title	14 of the Code of Federal
16. Maintenance Information ICAs. Revision Instructions: Revision	reu. ns to this installa	ition shall subn	nit a revised EAA Form
337 to the local FSDO.		idon ondii odbii	int a 1041360 1 AA 1 Ollil

Additional Sheets Are Attached

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Transportation
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(Airframe, Powerplant, Propeller, or Appliance)

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

	eral Aviation	n 	1	,· •			., or applie						
ins	structions	IONS: Print and disposit 9 U.S.C. §463	tion of this	ll ent form.	ries. See Title 14 (This report is requin	CFR ed b	R §43.9, Part by law (49 U.	S.C. §44701). Fa	ailure	to report can	l (or sub result in	bsequent revision thereof) a civil penalty for each su	for ich
					TION MARK:			SERIAL NO: CI	= -9	52			
1. Ai	rcraft	MAKE:		USA			<u> </u>	MODEL			SERIES:		
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				-	tion certificate)			Address (As sh Address 1310 IN	own o	on registration DEN DE	certificate))	
2.0	wner	BOIL	EK JEh	KUM	E KNOX			City FRONT RO				State VIRGINIA	
								^{Zip} 22630-	5341	C	ountry USA		
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	4. Туг	ре				5. L	Jnit Identificat	ion					
R	Repair	Alteration	Unii	t	Ma	ke	-	Model				Serial No.	
		V	AIRFRAM	E	BEECH		(As described in Item 1 at			em 1 above)	CE	E-952	
			POWERP	LANT									
			PROPELL	.ER									
					Туре								
			APPLIAN	CE	Manufacturer								
						Č-	enformityState	mont					
A. A	gency's N	ame and Ado	iress				Kind of Agenc						
	: Robert Kil					V	-	nted Mechanic			fanufacture		
		31 Foxlore F		E \ // [7	CINIA	<u> </u>	Foreign Certif Certificated R	icated Mechanic		C. Ce	C. Certificate No.		
	Round 20141			NTRY L	IGINIA Isa	_	 	aintenance Organiza	ation		AP3807569IA		
—	I certify t been m	hat the repair ade in accord I correct to the	r and/or alte	ration r	nade to the unit(s) ider uirements of Part 43 of	ntifie the	ed in item 5 abo U.S. Federal A	ve and described viation Regulation	on th	e reverse or at	achments	s hereto have	
	nded ran 14 CFR B			Signa	ture/Date of Authorize	gind U	fividual,	12/27	/2.	Z_			
							al for Return	o Service					
Pu pre	rsuant to escribed	the authori	ty given pe inistrator of	rsons the F	specified below, the ederal Aviation Adm	un inis	nit identified in stration and is:	item 5 was ins Approved	pecte	d in the mar Rejected	ner		
BY		A Flt. Standa spector	erds	Man	ufacturer	Ma	aintenance Orç	ganization			Persons Approved by Canadian Department of Transport		
	FA	A Designee		Repa	airStation	ln	spection Author	orization	Othe	r(Specify)			***
CERT		DESIGNATION		Signa	ture/Date of Authorized	110	inidual DV	12	1/2	7/22			

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.

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8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality	y and registration mark a	nd date work c	ompleted.)
·	N1833D	USA	12/27/2022
1. Introduction: Installation of the Garmin GFC500 2 Axis Autopilo 2. Description: Removed A.I.M Horizon Ref. ind. PN: 500DCF 28: 20234, Airborne Instrument Air PN: 169-38 SN: 58-380017-3, Cer System ADC PN: 1C535-1 SN: K11264-D, EDO-AIRE Mitchell CE EDO-AIRE MITCHELL G/S COUPLER BOX PN: 1C493 SN: 1012 PN: 1C714 SN: 4005 A, EDO-AIRE MITCHELL Pitch Servo PN: 1 Pitch Trim Amp. PN: 1C709-20 SN: 15224 F, EDO-AIRE MITCHE EDO-AIRE MITCHEL Roll Servo PN: 1 C388-2 SN: 3126, EDO-AIRE MITCHELL Roll Servo PN: 1C465-1-662R SN: 19551. 3675E. Installed Garmin GMC507 PN: 011-04548-01 SN: 5H1100 011-02927-21 SN:6N2003154, Garmin GSA28 Pitch Servo PN: 011-02927-21 SN:6N2003154, Garmin GSA28 Pitch Servo PN: 011-02927-21 SN: 6N2003076. 3. Control Information: Reference Section 3 Garmin GFC500 STC Controlling & Operating Information of the Garmin GFC500 Autopid. Servicing Information: The Garmin GFC500 Autopidot in accordance Manual PN: 190-02291-01 Rev 10. 5. Maintenance Information: Reference Section 4.3, 4.4, & 4.5 of 0190-02291-01 Rev 10 for Maintenance Instructions and Intervals for Troubleshooting Information: Reference Section 5 of Garmin GI 10 for Troubleshooting Information: Reference Section 5 of Garmin GI 10 for Troubleshooting Information: Reference Section 6 of Garmin GI 10 for Troubleshooting Information: Reference Section 6 of Garmin GI 100-02291-01 Rev 10 for information: Reference Section 6 of Garmin GI 100-02291-01 Rev 10 for information: Reference Section 6 of Garmin GI 100-02291-01 Rev 10 for information: Reference Section 6 of Garmin GI 100-02291-01 Rev 10 for information: Reference Section 6 of Garmin GI 100-02291-01 Rev 10 for information: Reference Section 6 of Garmin GI 100-02291-01 Rev 10 for information and instructions on removing LRUs.	Nationality and Registra t with Optional Pitch SN:2883, A.I.M. Dir ntury 3 Autopilot He. ENT/ALT IIIC AMP F. 20E, EDO-AIRE MIT C750-1-668P SN: 25 ELL Pitch Trim Serve AIRE Mitchell Attitude 1529, Garmin GSA 211-02927-21 SN: 61 E. Maintenance Manual Manual Maintenance Manual Maintenance Manual Maintenance Manual	tion Mark In Trim Continectional Gy ad PN: N/A PN: 1C515- ICHELL GY 241, EDO-A ID PN: 1C46 I Box PN: 1 Gyro PN:52 28 Pitch Tri N2003159, ual PN: 190 g only. In the Garmin G IC Maintena 500 Componence Man Maintenance	Date: crol.
 Diagrams: Reference Appendix A of Garmin GFC500 STC Instantial diagrams and wiring interconnections. Reference Garmin GFC500 Rev 13 for Equipment Installation Diagrams and component routing. Special Inspection Requirements: There are no special inspection.) STC Installation M ng.	lanual Adde	endum PN: 190-02291-13
and its LRUs. 10. Application of Special Treatments: There are no special treatmits components.	nent requirements fo	or the Garm	nin GFC500 System and
11. Data: STC# Garmin GFC500 STC# SA01866WI, Garmin GFC Garmin GFC500 STC Installation Manual Addendum PN: 190-022 Manual PN: 190-02291-01 Rev 10, & Garmin GFC500 STC Gain 12. List of Special Tools: The Garmin GFC500 Autopilot has no sp LRUs and components. 13. Commuter Aircraft?: Not Applicable.	291-13 Rev 13, Gan Addendum PN: 005	min GFC50 5-01470-21	00 STC Maintenance Rev 3.
14. Recommended Overhaul Periods: The Garmin GFC500 Autorime period. 15. Approved Airworthiness Limitations: The Garmin GFC500 Automaintained in accordance with section 4 of Garmin GFC500 STC There are no new (or additional) airworthiness limitations associat Airworthiness Limitations section is FAA approved and specifies in 14 of the Code of Federal Regulations unless an alternative programment.	opilot is airworthy w Maintenance Manu led with this equipm naintenance require	hen installe al PN: 190- ent and/or i	ed, configured, and 02291-01 Rev 10. installation. The
16. Maintenance Information ICAs. Revision Instructions: Revisior 337 to the local FSDO.	ns to this installation	shall subn	nit a revised FAA Form

Additional Sheets Are Attached

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(Airframe, Powerplant, Propeller, or Appliance)

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

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: CE-952 N1833D USA 1. Aircraft MAKE: SERIES: BEECH Name (As shown on registration certificate) Address (As shown on registration certificate) Address 1310 IMBODEN DR BUTLER JEROME KNOX 2. Owner City FRONT ROYAL State VIRGINIA 22630-5341 Country USA 3. For FAA Use Only 4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial No. BEECH CE-952 AIRFRAME (As described in Item 1 above) 1 **POWERPLANT** PROPELLER Гуре APPLIANCE П Manufacturer 6. ConformityStatement A. Agency's Name and Address B. Kind of Agency NAME: On Wing LLC U. S. Certificated Mechanic Manufacturer ADDRESS: 511 Airport Rd Foreign Certificated Mechanic C. Certificate No. CITY: Winchester STATE Virginia Certificated Repair Station 20WR084C ZIP: 22602 COUNTRY USA Certificated Maintenance Organization D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the Information furnished herein is true and correct to the best of my knowledge. Signature/Dáte/of Authorized Individual Extended range fuel per 14 CFR Part 43 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: Approved FAA Flt. Standards Persons Approved by Canadian Department of Transport Manufacturer Maintenance Organization Inspector BY Other(Specify) FAA Designee RepairStation Inspection Authorization Signature/Date of Authorized Individual CERTIFICATE OR DESIGNATION NO 20WR084C

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.

	N1833D	USA	12/27/2022
	Nationality and Regis	tration Mark	Date:
Installation of Garmin G5 Electronic Attitude indicator. Removed Mitchell Attitude gyro PN:IU367-102-2 SN:3675 1050 and installed Garmin G5 PN: 011-03809-00 SN: 4JQ0. Control Information: Reference Garmin G5 Installation Maelf-test information. Servicing Information: Refer to Section 4 of Garmin G5 Miformation. Maintenance Instructions: Refer to Section 4 of Garmin G1 Mintenance instructions: Refer to Section 4 of Garmin G1 Mintenance instructions. Troubleshooting Information: For troubleshooting the Dualianual PN: 190-01112-11 Rev 10. Removal/Replacement Information: Refer to section 6 of Diagrams: See figures in Section 4 of the Garmin G5 inst. Special Inspection Requirements: Refer to Section 4.4 of after a suspected lightning strike the LPM shall be replaced. ML STC Installation Manual, 190-01112-10 Rev.29 section PM. Application of Special Treatments: None. Data: Reference Garmin G5 Installation Manual PN: 190-0-01112-11 Rev 10, Garmin STC#SA01818WI, AC43.13-12. Special Tools: None. Commuter Aircraft: Not Applicable. Recommended Overhaul Periods: None. Approved Airworthiness Limitations: There are no new equipment and/or installation. The Airworthiness Limitations ander§43.16 and 91.403 of Title 14 of the Code of Federal	SE, Slaved Navigation 58025. Inual PN: 190-01112-2 aintenance Manual PN: 55 Maintenance Manual PN: 65 Maintenance Manual G5 System, refer to Garmin G5 Maintenar allation Manual PN: 19 Garmin G5 Maintenar Reference Garmin G5 4 and 5 for connector 0-01112-10 Rev 29, G6 B with change 1 and A ar additional airworthing section is FAA-approver	Situation Dis 10 Rev 29, for N: 190-01112 al PN: 190-0 Section 5 of nice Manual I 100-01112-10 nice Manual I Electronic F assembly al AC43.13-2A.	splay PN:52D137-1333 SNor system operation and 2-11 Rev 10 for servicing 11112-11 Rev 10 for Garmin G5 Maintenance PN:190-01112-11 Rev 10. Rev. 29. PN: 190-01112-11 Rev 10. light Instrument Part 23 and wiring requirements of sintenance Manual PN:
AA-approved. 6. Maintenance Information ICAs. Revision Instructions: Re 37 to the local FSDO.	evisions to this installa	tion shall su	omit a revised FAA Form

Additional Sheets Are Attached

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US Department
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OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number	
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FAA Form 337 (10/06)

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Description of Work Ad (If more space is require	ccomplished red, attach additions	al sheets. Identify	with aircraft na	ntionality and registration mark	and date work c	ompleted.)
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N: 96 380042 1 SN ensor PN: 96 38004 15178, CiES Inboat Control information Servicing Information Maintenance instruction of Removal/Replace Diagrams: Ref. Cl. Special inspection of Sp. 1. Data: STC# SA02 3.13-1B with Change 2. List of Special Total Commuter Aircra 4. Recommended Control of Sp. 2. Supproved Airwork and stallation	oved existing Book in 1974 1 1 SN: CB77 and Fuel Sendern: Ref. CIES Inton: Ref. Section in requirements: Decial Treatment in 1974 1 SN: CIES Installation in requirements: Decial Treatments: Decial Treatments: Decial Treatments: Social Treatments: Social Treatments: Decial Treatm	eechcraft Fue, Beechcraft F 740. Installed (rs PN: CC284 installation Mar on 8 Part A(4) iction 8 Part B f. Section 8 Part on: Ref. Section Manual & ICA : Not Applicab installation Ma 3.13-2A. iable iable. ds: No addition ions: There ar	I Sensor PN Fuel Sensor CIES Outbook 022-2217-1 nual & ICA E of CIES Instart B(2) of C on 3.2 of CII A Doc. # CO ile cable anual & ICA nal overhaute e no new(or	PN: 96 380042 2 SN: ard Fuel senders PN: 01 SN: GT5175 & GT: 00c. # CC-TR-2840-03 stallation Manual & ICA IES Installation Manual & ICA IES Installation Manual & TR-2840-031 Rev. F Doc. # CC-TR-2840-0 I time limitations. Remark additional) Airworthing	CB//40-4//NCC284022-225176, 81 Rev. F A Doc. # CC- A Doc. # CC- al & ICA Doc. # ICA Doc. # ICA Doc. #	TR-2840-031 Rev. F TR-2840-031 Rev. F TR-2840-031 Rev. F # CC-TR-2840-031 Rev. I # CC-TR-2840-031 Rev. I and in Compliance with AC
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OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number	
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			national N1833D	ITY AND RE	GISTRA USA	TION MARK:			SERIAL NO:	CE-S	952			
1. A	ircraft		MAKE: BEEC	H					MODEL	33/		SE	RIES:	
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8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft national	ality and registration mark	and date work of	completed.)
	N1833D	USA	12/28/2022
Installation of Parmetheus PlusPAR36 Taxi Light.	Nationality and Regis		Date:
 Installation of Parmetheus PlusPAR36 Taxi Light. Removed GE Taxi light PN:4587 and installed Whelen LED I 541413. Control Information: Reference Whelen Installation Manual F Servicing Information: Reference Whelen Installation Manual Maintenance Instructions: Reference Whelen Installation Me Troubleshooting Information: Reference Whelen Installation Removal/Replacement Information: Reference Whelen Installation Diagrams: Reference Whelen Installation Manual PN: 14793 Special Inspection Requirements: None Application of Special Treatments: None. Data: Reference Whelen Installation Manual PN: 14793D, VAC43.13-2A. Special Tools: None. Commuter Aircraft: Not Applicable. Recommended Overhaul Periods: None. Approved Airworthiness Limitations: There are no new or acquipment and/or installation. Maintenance Information ICAs. Revision Instructions: Revision to the local FSDO. 	Parmetheus Plus P PN: 14793D. I PN: 14793D, Page anual PN: 14793D, Manual PN: 14793 Illation Manual PN: ID, Pages 2, 4, and Whelen STC#SA00	ar 36 taxi ligi e 3. Page 3. dD, Page 4. 14793D, Pa d 5. 344BO, AC4	ge 1. 3.13-1B with change 1 and
Additional Sheets Are Attach	ed		

US Department
of Transportation
Federal Aviation
Administration

Exp: 5/31/2018	Electronic Tracking Number
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1. Air	craft	MAKE: BEEC					MODEL	33,		SE	RIES:			
Name (As shown on registration certificate) BUTLER JEROME KNOX							Address (As shown on registration certificate)							
2. Ov	vner	BOIL	EK JEK	COM	E KNOX		Address 1310 IMBODEN DR City FRONT ROYAL State VIRGINIA							
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US Department
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	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. Description of Work Accomplished

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

N1833D

12/13/2022

Nationality and Registration Mark

- Date: 1. Installation of STC SA01120SE Door Steward kit B40C10-1 in reference to Installation Instructions and ICA PN: MVA-B40C10M&O Rev.F, and AC 43.14-1B with change 1.
- Removed main door stop PN:35-400379 and baggage door stop PN169-380032-5. Installed Door Steward kit B40C10-1 on Rear baggage door and on Cabin door.
- 3. Control Information: Reference Beechcraft Bonanza F33A POH PN:33-590009-13A9
- Servicing Information: Refer Section B of MVA-B40C10M&O
- Maintenance Instructions: Refer Section B of MVA-B40C10M&O
- 6. Troubleshooting Information: Refer Section B of MVA-B40C10M&O
- Removal/Replacement Information: Refer Section B of MVA-B40C10M&O
- 8. Diagrams: See Section A1 of MVA-B40C10M&O
- 9. Special Inspection Requirements: None
- Application of Special Treatments: None.
- 11. Data: Reference STC SA01120SE, Installation Instructions & ICA PN: MVA-B40C10M&O Rev.F, and AC 43.14-1B with change 1.
- 12. Special Tools: None.
- 13. Commuter Aircraft: Not Applicable.
- 14. Recommended Overhaul Periods: None.
- 15. Approved Airworthiness Limitations: There are no new or additional airworthiness limitations associated with this equipment and/or installation.
- 16. Maintenance Information ICAs. Revision Instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

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

instru excee	ictions and ed \$1,000 f	disposition of this to or each such violat	form. This report is req tion (Section 901 Feder	juired t ral Avia	by law (49 U.S.0 ation Act of 195	C. 1421). Failure 8).	e to report o	an resu	ult in a civil p	enalty not to
1. A	Aircraft	Make BEECH				Model F33A	-			<u></u>
		Serial No. CE-952			Nationality and Registration Mark N1833D					
2. (Owner	Name (As shown o	on registration certificate) HARR JOSEPH L.			Address (As show	_	ion certif	icate)	
			HARR JOANN R.			P.O. BOX 3370 CAMP VERDE		3370		
				3. Foi	r FAA Use Only	/				
			4. Unit Ider	tificat	ion				5. 7	уре
	Unit	Mai	ke		Model	s	erial No.		Repair	Alteration
AIRF	RAME		(As desc	cribed i	in item 1 above,)				x
POW	ERPLANT									
PRO	PELLER									
APPL	IANCE	Туре								
		Manufacturer								
	-		6.	Confo	ormity Stateme	ent		— 		1
A. A	gency's Na	me and Address			B. Kind of Ag	gency		C. Ce	ertificate No.	
	Atterholt nd Aviation	II.C		×				A&P 3	3287177	
DBA	Airzona Air-	-Craftsman		-	Foreign Certificated Mechanic Certificated Repair Station Manufacturer				,	
	Clubhouse cott, AZ 86		,	-						
he	ereto have	been made in acco	Iteration made to the upper ordance with the require true and correct to the	ements	dentified in items of Part 43 of the	ne U.S. Federal .	scribed on Aviation Re	the reve	erse or attac ns and that t	hments he
					nature of Authorized Individual John Atterholt					
					for Return To			V - 0/-00-		
	the Admini	strator of the Fede	en persons specified be ral Aviation Administra	low, th	e unit identified d is 📝 APPRO	in item 4 was in	REJECTE	D	nner prescri	bed by
BY.	FAA I Inspe	Fit. Standards ctor	Manufacturer	X	Inspection A		Other (Sp	ecify)		
	<u> </u>	Designee	Repair Station		Person Appove Canada Airwort	hiness Group				
Date of 12-17-		or Rejection	Certificate or Designation	No.	Signature o	of Authorized Inc	Andre /	7		
A&P 3287177 IA						TWO IV	MALAM		JOHN A	TTERHOLT

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)											
Replaced cabin door window with Great Lakes Aero Products window, PN: W-2224 IAW STC #SA00690CH and Installation Instructions #A2D, Revision A, dated December 9, 1998.											
ICA, if any, are included in the Installation Instructions and are a permanent part of the aircraft records. Weight change negligible.											
			2.7%								
		•									
	•										
Г	Additional Sheets Are Attatcl	hed .									

Maint States of Startes

Bepartment of Cransportation -- federal Awacion Administration Supplemental **Eyoe Certificat**e

Kumber SA00690CH

Raytheon

35, A35, B35,

P35, G35

C35, D35, E35,

This contificate, issued to Great Lakes Acro Products 915 Kearsley Park Blvd. Flint, MI 48503 contyles that the change in the type dasign for the following product with the territations and made the simumorhiness requirements of Gard Konglor as specified,

Chortyleste Landen

Make . (AML) No. SA00690CH for list of approved See attached FAA Approved Model List

airplane models and applicable Model

airworthiness regulations

1998, W-2221, Rcv. B dtd. February 18, 1999, W-2222, Rev. B, dtd., February 18, 1999, W-2223, Rev. A, W-2237. Rev. None, dtd., October 17, 1996, W-2238, Rev. none, dtd October 17, 1996, and W-2239, Rev. A, did . November 18, 1998, and Great Lakes Aero Products Installation Instructions as listed on AML No. Acro Products Drawing Numbers W-2048, Rev. F, did October 17, 1996, W-2049, Rev. C, did October 6, did., January 22, 1999, W-2224, Rev. B, did., January 26, 1999, W-2236, Rev. A, did., January 23, 1999, installation of Great Lakes Aero Products, Pilot Side and Door Windows in accordance with Great Lakes SA00690CH, or later FAA approved revisions. Gesoniftion of Type Lasign Estange: Linitations and Gondillons

2. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give installer. A copy of this Certificate and FAA Approved Model List (AML) No, SA00690CH, or later FAA 1. Compatibility of this design change with previously approved medifications must be determined by the approved revision must be maintained as part of the permanent records for the modified aircraft. the other person written evidence of that permission. The explicate and be exploreding data which is the basis for appointed what oversion on effect swallow or domination date is Avoraise established by the Administration of the Fedoral Strictum Stermusibralien 4 mendomed, suspended,

Set of application October 2, 1996

July 25, 1997

Job of man

Solo anundul

Sut marund

February 18, 1999

for weepone,

Manager, Airfrashe & Administrative Branch

Mary Ellon A. Soffutt

Any aliciotion of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, a both Chicago Aircraft Certification Affi

This critificate may be transferred in accordance with FAR 21.47.

1AA four \$110-2(10-68)

N/A

2/18/99

TAL APPROVED MODEL LIST (AML) NO. SACO690CH GREAT LAKES AERO PRODUCTS
INSTALLATION OF GLAP "PILOT SIDE and DOOR" WINDOWS

Origina Issue Date: October 2, 1996 INSTALLATION INSTRUCTIONS CERTIFICATION ORT....AL TYPE BASIS AMT. AIRCRAFT CERTIFICATE POR ALTERATION REVISION SUPPLEMENT ANENDMENT Raytheon ITEM AIRCRAFT NODE KINBER NUMBER NUMBER/DATE N/A NO. & DATE Revised DATE 35, A35, B35, C35, D35, E35, F35, G35 INSTL. 2/18/99 A2 10-17-96 2 Raytheon E33, E33A, E33C, 3...15 CAR 3 INSTL. Revised N/A 2/18/99 F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, A2 10-17-96 ÷ V35A, V35B, 35-B33, 35-C33, 35-C33A, 36, A36, A36TC 3 D55, D55A, E55, Raytheon CAR 3 INSTL. Revised - N/A 2/18/99 E55A, 56TC, A56TC, 58, 58A, 95, B95, B95A, A2 10-17-96 D95A, E95, 95-55, 95-ASS 95-B55, 95-B55A 95-B55B (T-42A) , .95 - C55 , ... 95 - C55A 4

1 of 3

CAR 3

A-777

INSTL.

A2A, or

A2B

Revised

10-5-96

FAA APPROVED MODEL LIST (AML) NO. BAUDSFOCH GREAT LAKES AERO PRODUCTS INSTALLATION OF GLAP "PILOT SIDE and DOOR" WINDOWS OF TOTAL LABOR DATE OF TO

	CERTIFICATION INSTALLATION							e Date: October 2, 1996				
1			ORIGINAL TYPE	BASIS		RUCTIONS	APN	1				
ł	AIRCRAFT		CERTIFICATE	FOR	11211	REVISION	SUPPLEMENT	AML				
ITEM	MAKE	AIRCRAFT MODEL	NUMBER	ALTERATION	NUMBER	NO. L DATE	NUMBER/DATE	AMENDMENT DATE				
5	Raytheon	E33, E33A, E33C,	3A15	CAR 3	INSTL.	Revised	N/A	2/18/99				
i		F33, F33A, F33C,		C.U.	A2A, or	10-5-96	"/"	2/10/99				
1		G33, H35, J35,			A2A, OI	10.2.30						
i	ŀ	K35, M35, N35,	1		ASB	ł		į				
	1	P35, S35, V35,			ł							
1	j	V35A, V35B,]		1 -	j	ļ	ļ				
1	1	35-33, 35-A33,	1		1	ļ		1				
i					ł	i	1	l				
		35-B33, 35-C33,			1							
1	i .	35-C33A, 36, A36					1					
6	Raytheon	lner neer nee						ļ				
6	Raytheon	D55, D55A, E55,	3A16	CAR 3	INSTL.	Revised	N/A	2/18/99				
	ĺ	E55A, 56TC,			A2A, or	10-5-96						
]		A56TC, 58, 58A,			A2B							
		95, B95, B95A,	,		Į			1				
1		D95A, E95,	i		1							
		95-55, 95-A55,	İ		1							
		95-B55, 95-B55A,			1							
		95-C55, 95-C55A			1			•				
7	Raytheon	F33A, V35B, A36,	3A15	CAR 3								
1 ' 1	Raycheon	A36TC	3412	CAR 3	INSTL.	Rev. A,	N/A	2/18/99				
		A361C			A2C	dtd.,						
					1	11/22/98		1				
8	Raytheon	E55, E555A, 58,	3A16	CAR 3	INSTL.	Rev. A,	N/A	2/18/99				
		SBA, 95-B55,	i		A2C	dtd.,						
		95-B55A				11/22/98						
9	Raytheon	F33A, V35B, A36,	3A15	CAR 3	INSTL	Rev. A.	N/A	2/18/99				
	,	A36TC			A2D	dtd.,	,	2/10/33				
			1		122	12/9/98						
					1	11,3,30						
10	Raytheon	E55, E55A, 58,	3A16	CAR 3	INSTL.	Rev. A,	N/A	2/18/99				
]		58A, 95-B55,	ļ j		A2D	dtd.,	,	", "", ""				
		95-B55A				12/9/98						
		****			İ							
11	Raytheon	F33A, V35B, A36,	3A15	CAR 3	INSTL.	Rev. A,	N/A	2/18/99				
		A36TC			A2E	dtd.,	,					
L		L			1	1/23/99		l				

2 of 3

PAA APPROVED MODEL LIST (AML) NO. SA00690CH GREAT LAKES AERO PRODUCTS INSTALLATION OF GLAP "PILOT SIDE and DOOR" WINDOWS

ITEM	AIRCRAFT NAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION		ALLATION RUCTIONS REVISION NO. & DATE	AFN SUPPLEMENT NUMBER/DATE	AML AMENDMENT/ DATE
12	Raytheon	35, A35, B35, C35, D35, E35, F35, G35	A-777	CAR 3	INSTL. A2F	Rev. None, dtd., 10/17/96	N/A	2/18/99
13	Raytheon	E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, J5-33, J5-A33, J5-B33, J5-C33, J5-C33A, J6, A36, A36TC	3A15	CAR 3	INSTL. A2F	Rev. None, dtd., 10/17/96	N/A	2/18/99
14	Raytheon	D55, D55A, E55,	3A16	CAR 3	INSTL.	Rev. None,	N/A	2/18/99
		E55A, 56TC, A56TC, 58, 58A, 95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B(T-42A), 95-C55, 95-C55A			A2F	dtd., 10/17/96		
15	Raytheon	F33, F33A, F33C, G33, V35B, A36, A36TC	3A15	CAR 3	INSTL. B-1	Retyped 6/10/93	N/A	2/18/99
16	Raytheon	E55, E55A, A56TC, 58, 58A, 95-B55, 95-B55A	3A16	CAR 3	INSTL. B-1	Retyped 6/10/93	N/A	2/18/99

FAA Approved: Meyy Gllen G. Schuid
Mary Glen A: Schutt, Manager,
Airframe & Administrative Branch
Chicago Aircraft Certification Office
3 of 3

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

exceed \$1,000 for	disposition of this form. This repo or each such violation (Section 90	oπ is required 1 Federal A	by law (49 viation Act o	U.S.C. 142 f 1958).	21). Hailure to report	can res	uit in a civil p	enalty not to		
1. Aircraft	Make BEECH		Model F33A							
	Nationality and Registration Mark N1833D									
2. Owner	Name (As shown on registration cert HARR JOSEPH L. HARR JOANN R.	ficate)		Address (As shown on registration certificate) P.O. BOX 3370 CAMP VERDE, AZ. 86322-3370						
		3. F	or FAA Use	Only						
	4. U	nit Identific	ation	·			5. T	ype		
Unit	Make		Model		Serial No.		Repair	Alteration		
AIRFRAME		'As describe	As described in item 1 above)					- x		
POWERPLANT	TCM:		IO-520-BB - 274580-R					X		
PROPELLER										
APPLIANCE	Type Manufacturer					~				
		6. Cor	nformity Sta	tement			<u> </u>	1.		
A. Agency's Na	me and Address		B. King	of Agency		C. C	ertificate No.			
JOHN ATTERHO ARIZONA AIR-CI dba MILE HIGH / 2020 CLUBHOUS PRESCOTT, ARI		X U.S. Certificated Mechanic 526045567 AP Foreign Certificated Mechanic Certificated Repair Station Manufacturer								
hereto have	the repair and/or alteration made been made in accordance with th urnished herein is true and correc	e requireme	nts of Part 4	3 of the U.	ove and described or S. Federal Aviation F	the rev legulation	erse or attac ons and that t	hments he		
Date 12-04-06		nature of Au	1K~ ()	Merkey	, ,	JOHN A	TTERHOLT			
	- Al Al 21 - 2	7. Approva						***************************************		
the Admini	o the authority given persons spe- strator of the Federal Aviation Ad	ministration :	and is 📝 🗡	ntified in ite	REJECT	ED	anner prescr	bed by		
BY FAA Fit. Standards Manufacturer Manufacturer			:	tion Author		Specify)		term seconds and		
FAA Date of Approval	Designee Repair Station or Rejection Certificate or D		Canada	Appoved by T Airworthiness			· · ·			
12-04-06	526045567 IA		Sign	Jahr.	13th Land		JOHN A	TTERHOLT		

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 single piece sloped windshield IAW STC #SA997SO and Beryl D'Shannon Aviation Specialties, Inc. Speed sloped windshield kit Installation Instructions, revision C, dated 03-01-1992.									
Installed U.S. Airparts roller rocker arm assemblies, PN: US92E exhaust and US92I intake IAW STC #SE09559SC and U.S. Airparts Installation Instructions, Form US92in, dated 04-03-99.									
ICA, if any, are contained in the Installation Instructions and are a permanent part of the aircraft records. Revised weight and balance.									

and the second s									
the second secon									
☐ Additional Sheets Are Attatched									

Anited States Of America

Bepartment of Transportation - Federal Abiation Administration

Supplemental Type Certificate

Number SE09559SC

This Earlificate issued to

U.S. Airparts, Inc. an Arizona LLC 31 Industry Dr. Mt. Ida, AR 71957

cartifies that the change in the type design for the following product with the limitations and conditions therefor as specified horson mosts the aircrathiness requirements of Part " of the " Progulations.

Original Broduct Type Cartificate Number :

Make .

[See attached FAA approved model list (AML) for list of approved models and applicable airworthiness regulations]

Model .

Divergation of Type Daviga Change. Installation of U.S. Airparts roller rocker arm assemblies P/N US92E exhaust and US92I intake, in accordance with U.S Airparts installation instructions, Form US92in, dated April 3, 1999, or

Einitations and Conditions. Compatibility of this design change with previously approved modifications must be determined by the installer. 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 survendered, suspended, recolored or a termination date is otherwise established by the Administrator of the

Date of application : March 17, 1999

Date of issurance . September 22, 1999

Date roised.

Date awarded :

(Signature)

Manager, Special Certification Office

Southwest Region

And the second is a second of the second of

FAA APPROVED MODEL LIST (AML)

SE09559SC

U.S. Airparts, Inc An Arizona LLC 31 Industrial Drive Mt. Ida, AR 71957

Date of application: March 17, 1999 Date of issuance: September 22, 1999

Item	Aircraft Make	Aircraft Model	Original Type	Regulation/
1	Teledyne Continental Motors	IO-470-DEF, -GH, -L,	Certificate Number 3E1	Part CAR 13
		-M, -N, -P, -R, -S, -T, -U, -V, -LO, -VO		
2	m. 1	L/IO-470-A		
2	Teledyne Continental Motors	TSIO-470-B, -C, -D	3E3	CARIO
3	Teledyne Continental Motors	IO-520-A, -B, -BA, -BB, -C,	E5CE	CAR 13
		-CB, -D, -E, -F, -J, -K, -L,	EJCE	CAR 13
		-M, -MB		
		L/IO-520-P		
4	Teledyne Continental Motors	TSIO-520-A, -AF, -B, -BB,	E8CE	C45 10
		-BEC, -CED, -DB, -E,	EOCE	CAR 13
	ć	-EB, -G, -H, -J, -JB, -K, -KB,	,	
		-L, -LB, -M -N, -NB, -P, -R		
		-T, -U, -UB, -VB, -WB		
5	Teledyne Continental Motors	10-550-A, -B, -C, -D, -E, -F,	E3SO	CAR 13
5	Teledyne Continental Motors	-L		
,	Teledyne Continental Motors	TSIOL-550-A, -B, -C	E4SO	CAR 13
	Teledyne Continental Motors	TS10-550-A, -B, -C, -E	E5SO	CAR 13
	201003/11C Continental Molors	O-470-B./- GK.,-LMR. -SU	E-273	CAR 13
		10-470-A, -C	1	

FAA Approved:

Date: September 22, 1999

en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA997SO

This certificate, usued to Beryl D'Shannon Aviation Specialties, Inc.

corlifes that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 3/03 of the Civil Air Regulations.

Original Product - Type Gertificator Number: 3A15, A-777

Make Beech

Middle All models on 3Al5 (Part 3) All models on A-777 (Part 03)

Description of Type Design Ishange.

Installation of a single-piece sloped windshield in accordance with Beryl D'Shannon Aviation Specialties, Inc., Drawing B19000, Revision D, dated November 9, 1979, (or later FAA approved revision).

Limitations and funditions This approval should not be extended to other aircraft of the same model on which other approved modifications have been made unless it has first been determined that the interrelationship between these various modifications will have no adverse affect on the airworthiness of the aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage.

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

Dale of application: April 24, 1976

Sule ressued .

Date of issuance :

June 7, 1976

Tale arrunded May 7, 1979, Nov. 21, 1979

By direction of the Administrator

FRANCIS C. ROCK, (Signature) Assistant Chief, Engineering and Manufacturing Branch

Flight Standards Division

(Title)

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



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

Administration										(Ad	() (e	P07
INSTRUCTION instructions and exceed \$1,000	S: Print or type all disposition of this for each such violation.	l entries. See FAF form. This report ation (Section 901	R 43.9, F is requir Federal	AR red Avi	43 Alby lavation	ppendix B, a w (49 U.S.C Act of 1958	and / . 142).	AC 43.9- 21). Fail	1 (or subse ure to repo	quent re	vision there sult in a civi	eof) for I penalty not t
1. Aircraft Make Beechcraft							Mode F-33					
	Serial No. CE-952							onality and	Registration D	Mark	4 9	
2. Owner	Name (As shown on registration certificate) Joseph L. Harr						P.O.	. Box 337	own on regis 0 AZ 86322	tration cen	tificate) :	
			3.	Foi	r FAA	Use Only			-			
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	and the second second	يد مستدار داره در الارسال			ــــــــــــــــــــــــــــــــــــــ	_ -~~_			~ <i>~</i>	د. مرسد	- Pr.	
		4. Uni	t Identif	icat	ion						5.	Туре
Unit	Ma	ake			Mod	del			Serial No.		Répair	Alteration
AIRFRAME	·	(As	s describ	ed i	in iter	m 1 above)_						x
POWERPLANT								-	· · · · · · · · · · · · · · · · · · ·			
PROPELLER						-					1	
APPLIANCE	Type Manufacturer											
			6. Co	nfo	rmity	y Statemen	 t				k.	
	me and Address				B.	Kind of Age	ncy			C. C	ertificate No).
Robert A. Luna P.O. 1120 Clarkdale, AZ 86				X	U.S. Certificated Mechanic Foreign Certificated Mechanic Certificated Repair Station			56419	98630A&P			
HOLOTO HOAG	the repair and/or a	organice with the n	eallirema	ante	entific	コオ イス へも もっっ	abo	ve and d	escribed or	the rev	erse or atta	chments the
Date January 11, 2006	difficulties for the control of the	true and correct to	ine bes	it of	ту к	nowledge.					f,	
		7.	Approv	/al 1	for R	eturn To Se	rvic	e			<u> </u>	
Pursuant to the Admini	o the authority give strator of the Fede	en persons specific eral Aviation Admir	ed below	, the	e unit	identified in	iten	n 4 was	inspected in	the ma	anner preso	ribed by
	It. Standards	Manufacturer		X		spection Aut		zation	Other (S			
	Designee	Repair Station			Per: Can	son Appoved t nada Airworthir	by Tra	ansport Group	1_		ž	
Date of Approval	or Rejection	Certificate or Desig	nation No.	.		ig nature of			ndividual		ė.	,
January 11, 2006 AA Form 337	(12-88)	564198630IA			,	Koh	4	40	£		. <u>.</u>	

8. Description of Work Accomplished												
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)												
January 11, 2006 N1833D Tach 2700		· ·										
Removed Hartzell PHC-C3YF-IBF, installed Hartzell Pl March 28, 2002, Revision B dated June 24, 2003, and S	HC-C3YF-1RF/F8068 I/A/W Hartzell	Drawing No. 999005, Revision A, dated										
No change to weight and balance.												

*************	NOTHING FOLLOWS *********	***********										
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Ado	ditional Sheets Are Attatched	:										

United States Of America

Bepartment of Transportation - Nederal Abiation Administration

Supplemental Type Certificate

Number SA10135SC

This Certificate issued to

Hartzell Propeller, Inc. One Propeller Place Piqua, OH 45356

certifies that thi	e change in the ty	ne design for the fo	flowing product with	the limitations	and conditions
therefor as spec	ified hereon meet	s the airworthiness i	requirements of Part	3 of the Civil Ai	r Regulations

Original Product Type Certificate Number:

3A15

Make:

Beech

Model:

35-C33A; 36; A36; E33A; E33C; F33A; F33C; S35; V35;

V35A; V35B

Description of Type Design Change:

Installation of Hartzell model PHC-C3YF-1RF/F8068 propeller in accordance with Hartzell Drawing No. 999005, Revision A, dated March 28, 2002, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement AFMS999005, dated April 3, 2003, or later FAA approved revision is required.

Similations and Conditions. This installation includes the above model aircraft equipped with Teledyne Continental Motors IO-520-B, IO-520-BA, IO-520-BB, or IO-550-B model engine. Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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

Late of application : November 12, 2002

Date reissued :

Jule of issuance . April 03, 2003

Date amended:



Ssy wy y will spring some surface.

S. Frances Cox Manager, Special Certification Office

Southwest Region

(Title)

(Signature)

•

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HARTZELL PROPELLER INC. TOP PROP PERFORMANCE CONVERSIONS



One Propeller Place Piqua, Ohio 45356-2634 U.S.A.

Phone: 937-778-4200

Authorization For Use of STC Document

This Supplemental Type Certificate is the property of Hartzell Propeller, Inc. Hartzell Propeller, Inc. authorizes the use of the STC data only for the aircraft specified below. Any use of this STC beyond the aircraft specified below is a violation of proprietary laws and is subject to legal action.

Please keep the STC, installation instructions, Flight Manual Supplement, and this authorization sheet, in a secure location. There will be a charge for issuing replacement documents.

STC Number:

SA10135SC

Aircraft Model:

BEECH F33A BONANZA

Serial Number:

CE-952

Aircraft Registration:

N1833D

Date Issued:

12/08/05

Issued by:

Casey Verzi

Casery Vers

Customer Service Representative,

Hartzell Top Prop Performance Conversions

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

JOHN ATTERHOLT

Office Identification

Federal Aviation Administration	woon MMV
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). F	ailure to report can result in a civil penalty not to
exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).	,

instruc excee	ctions	s and di .000 for	isposition of the	his fo	orm. This report on (Section 901)	is require Federal A	d by	y I itic	law (49 U.S.C on Act of 1958	. 142).	1). Failure	e to report o	an res	ult in a civil p	enalty not to
	ircraf		Make BEECH			i. 2. i. 2		<u> </u>		Mode F33/					
			Serial No. CE-952					_		Natio		egistration Ma	rk		
2. 0	Owner	r	Name (As sho HARR JOSE HARR JOAN	EPH (ate)		Address (As shown on registration certificate) P.O. BOX 3370 CAMP VERDE, AZ. 86322-3370							
						3. F	For	F/	AA Use Only						
							_						-		
					4. Uni	it Identific	catio	OI	n					5. T	ype
	Unit Make							_ N	Model		S	Serial No.		Repair	Alteration
AIRFI	RAME(As described in item 1 above)								x						
POWI	ERPL	ANT													
PROF	'ELLE	ELLER													
APPLI	IANCE	E	Type Manufacturer												
						6. Co	nfo)IT	mity Stateme	nt					
A. A	genc	y's Nan	me and Addres	ss			L		B. Kind of Ag	ency			C. C	ertificate No.	
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2020	CLUE	BHOUS	SE DRIVE				<u> </u>	+	Certificated Repa	air Sta	tion				
D. I d	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 11-15	-05								re of Authorize	M	In IN	the		JOHN A	TTERHOLT
				_	7	. Approv	/al f	fo	r Return To						
		Adminis	strator of the F		n persons specif ral Aviation Admi						m 4 was ir	REJECTE	D	anner prescri	bed by
BY		FAA FI Inspec	It. Standards		Manufacturer		X	Ĺ	Inspection A			. Other (Sp	pecify)		
	'	FAA	Designee	4.	Repair Station	,			Person Appoved Canada Airwort						
Date o	of Ap	proval	or Rejection	•	Certificate or Des	ignation No			Signature o			dividual			

IA 526045567

11-15-05

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	y with aircraft nationalil	ty and registration	n mark and date work completed.)
Replaced Insight Instrument Corporation Graphic Engine Mon Model GEM-610 IAW STC #SA01860NY and Gem Series Inst	itor GEM602 with Insig lallation Manual, drawin	ght Instrument Cor ng 8258, version :	rporation Graphic Engine Monitor 3.0 dated May 1996.
ICA, if any, are included in the Installation Manual and are a p	ermanent part of the a	ircraft records. No	o weight change.
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Additional	al Sheets Are Attatched		

Bepartment of Transportation -- Federal Abiation Administration

Supplemental Type Certificate

IMPORT

Number SA01860NY

This certificate issued to

Insight Instrument Corporation Box 122 Fort Erie, ON L2A 5M6 Canada

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:

Make:

* See attached FAA Approved Model List (AML) No. SA01860NY for list of approved airplane models and applicable airworthiness regulations

Mordel .

Description of Type Design Change: Installation of Graphic Engine Monitors (G.E.M.), Models GEM-610 and GEMINI 1200, must be in accordance with GEM Series Installation Manual, Drawing 8258, Version 3.0, dated May 1996.

Limitations and Conditions :

- Operation must be in accordance with Insight Instrument Corporation Flight Manual Supplement FMS610/1200, Revision -, Transport Canada approved April 24, 2003.
- 2. Maintenance must be completed in accordance with Insight Instrument Corporation Instructions for Continued Airworthiness Graphic Engine Monitor, Amendment N/C, dated December 14, 1999, Transport Canada accepted April 24, 2003.
- 3. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written permission of that permission.
- 4. Compatibility of this design change with previously approved modifications must be determined by the installer.
- A copy of this certificate and the FAA Approved Model List (AML) No. SA01860NY, issued February 3, 2004, or later FAA
 approved revisions, must be maintained as part of the permanent records for the modified aircraft.

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

Date of application: August 22, 2003

Dute of issuance: February 3, 2004

Date reissued :

Date amended:

TOMMISTRATO

By direction of the Administrator

(Signature) Vito A. Pulera

Manager

New York Aircraft Certification Office

(Title)

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FAA APPROVED MODEL LIST (AML) NO. SA01860NY Insight Instrument Corporation For Installation of Graphic Engine Monitors

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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

instruct	ions and d	isposition of the	his fo	ntries. See FAR orm. This report on (Section 901 l	is require	ed by	/ law (49 U.S.0	C. 1421). Fai	-1 (or subsequent to report	uent rev can resi	ision thereof) ult in a civil pe	for enalty not to
1. Air	craft	Make BEECH						Model F-33A				
		Serial No. CE 952						Nationality an N1833D	d Registration M	ark		
2. Ov	vner	Name (As sho HARR JOSE		registration certifica	ate)			PO BOX 33	hown on registra 70 DE AZ. 86322		ficate)	
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<u> </u>		Designee	х	Repair Station			Person Appove Canada Airwoi	ed by Transport				
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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 s	sheets. Identify with aircraft nationality and registration n	nark and date work completed.)							
INSTALLED HORIZON INSTRUMENTS, INC. MODEL P-1000 PER STC SA5491NM AND MANUFACTURES INSTALLATION INSTRUCTION MANUAL P103050, REV E. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, IF ANY, ARE CONTAINED IN THE ABOVE MENTIONED INSTALLATION MANUAL.									
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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 WP07

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1. Aircraft	Make						Model F33A						
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	Manufacturer												
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	BHOUSE DR T, AZ. 86301				V	Foreign Certific		inic		AIRF	RAME CLAS	SIII	
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hereto	have been made in	that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the											
Date	Signature of Authorized Individual RONALD P WEAVE) P WEAVER				
JAN 7, 200				7 Appro	vali	for Return T			عطرل ک	· ·			
Purs	suant to the authority	give	n persons spec	ified belo	w, th	e unit identifi	ed in item	4 was ii	nspected in	the m	nanner presc	ribed by	
	the Administrator of the Federal Aviation Administration FAA Fit. Standards Inspector Manufacturer						spection Authorization Other (Specify)						
	FAA Designee	X	Repair Statio	n -		Canada Airv	n Appoved by Transport la Airworthiness Group						
Date of Ap	proval or Rejection		Certificate or De	signation N	10.	Signatu	re of Autho	rized In	diyidual ^				
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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 AEROTECH COMPONENTS, INC. CV1J4 (CLEAR-VIEW) INLINE PHEUMATIC AIR FILTER PER STC SA289CH AND MANUFACTURES INSTALLATION INSTRUCTIONS REV-3-2/13/95. CONTINUED AIRWORTHIENESS IS TO CHANGE FILTER ON AN "AS NEEDED BASIS"								

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Additional Sheets Are Attatched	•							

US Department of Transportation

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

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and di	sposition	of this form. This	s form	ntries. See FAR 43.9, n is required by law (4 Federal Aviation Act of	9 U.S.	C. 14	opendix B, and a 21). Failure to r	AC 43.9-1 (or report can resu	subsequent revisult in a civil penal	sion thereof) for ty not to excee	or instruction d \$1,000	ns			
		Make	chc		,,,,,,	<u></u>		Model F-	33-A						
1. Aircı	raft	Serial No.	952						d Registration M	ark					
2. Own	er		vn on Har	registration certificate r)		<u> </u>	Address (As shown on registration certificate) 2125 N. Mooney Lane Camp Verde, AZ 86322							
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	<u> </u>	Products Inc.	. <u>. </u>			D . 10	U.S. Certificated	d Mechanic		LIMITED					
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						L	Manufacturer			<u> </u>					
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Date 1	0-30-20	002				Sign	ature of Author Gale R. Calh	ized Individual oon	uh lus	llow					
<u> </u>				7.	Appro	val fo	r Return to Ser								
				ons specified below, to Administration and is		ident	tified in item 4 v		in the manner pr REJECTED	escribed by th	е				
BY		A Fit. Standards pector		Manufacturer		Insp	ection Authoriza	ation	Other (Specify)						
		A Designee	x	Repair Station		Can	on Approved b adian Airworthi	ness Group		· · · · ·					
	te of Approval or Rejection 10/30/02 Certificate or Designation No. G7DR870J Signature of Authorized Individual Gale R. Calhoon Signature of Authorized Individual														
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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.)
On October 30, 2002, Installed G&D Aero Product Inc. Thermal Pane Window inserts part #GD-F-33A according to STC# SA3759NM. Weight and balance, and equipment list revised.
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en de la composition br>On transfer de la composition de la composition de la composition de la composition de la composition de la co
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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

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moductions and	เ นเรมบริเนษท อา เ	เมร แ	entries. See FAI orm. This report on (Section 901	us reai	lited	DV 1	12W (49 LLS (1/12	C 43.9-1 I). Failur	(or subseq e to report	uont ro	vision thereof sult in a civil p) for enalty not to
1. Aircraft	Make BEECH							Model F33A		,			
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PROPELLER													
APPLIANCE	Type Manufacturer												
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ARIZONA AIR-C DBA MILE HIGH 2020 CLUBHOU PRESCOTT, AF	JSE DRIVE	C.			 X	F	J.S. Certificated Foreign Certifica Certificated Report Manufacturer	ted Med	hanic		CRS	# ZM3R029M	
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Date 11-19-01					Signa	ture	e of Authorize	ed Indi	vidua I	II .		JOHN A	TTERHOLT
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Date of Approva	l or Rejection		Certificate or Des	ignation	No.	Γ	Signature of		orized In	. 11		***********	
11-19-01	(45,00)		ZM3R029M			_	<u> </u>	M		enhate.		JOHN A	TTERHOLT

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 Eagle Technologies Co. Wing Fuel Tank quick Drain Valves, Kit PN BS-2, I.A.W. STC #SA01110CH and Eagle Technologies Co., Installation Instructions for Quick Drain Valve Assy. QDV-3, 730B, Rev. G. No weight change.

Additional Sheets Are Attatched

2
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 WPP7

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INSTRUC	TIONS: Print or t	ype :	all entries. See FAF	R 43.9. F	AR 4	13 Appendix B a	nd AC 43	9-1 (or subsequent r	W PY	(RRC
and dispos	ation of this form.	This	s report is required b	by law (4	19 U.S	S.C.1421). Failu	re to repor	t can result in a civil	evision men nenalty not	to evceed \$1	ictions I nnn
for each su	ıch violation (Sec	tion !	901 Federal Aviation	n Act 19	58)	•			penaly ne	to exoced w	,000
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	CE952						N1833E				
ĺ			registration certifcate)				Address (/	As shown on registration	certificate)		
2. Owner	. HARR, JOS						BOX 33	70 MONTEZUMA	HEIGHT	S	
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 -					3.	For FAA Use	Only				
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D. I certify the	at the repair and	or al	teration made to the	e unit(s) i	ident	ified in item 4 ab	ove and de	escribed on the rever	se or attac	hments heret	'n
have bee	n made in accord	iance	with the requireme	ents of Pa	art 43	3 of the U.S. Fed	eral Aviati	on Regulations and t	hat the info	rmation	
	nerein is true and	con	rect to the best of m	ıy knowle							
Date					Sigr	nature of Authoriz	zed Individ	ual) //	1 1		
11-04-98					To	OHN ATTERE	OUT	Univ (III	DAL IKI		
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Pursuant to the	e authority given	pers	ons specified below	v. the uni	it ide	al for Return T	o Servic	ted in the manner pro	200-ib-d b.		
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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.

PECTED PREVIOUSLY INSTALLED GAMIJECTORS F E09217SC AND GAMIJECTOR INSTALLATION PROCE 6. NO CHANGE IN WEIGHT & BALANCE.	EDITOE # ID OR OO	DEV OUR DATED OF	EDTEMPED 25
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Form Approved Budget Bureau No. 04-R060.1', FEDERAL AVIATION AGENCY FOR FAA USE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance) 586-6300 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. MODEL MAKE F33A BEECHCRAFT 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK SERIAL NO. N1833D CE952 U.S.A ADDRESS (As shown on registration certificate) P.O. BOX 3370 CAMP VERDE, ARIZONA 86322 NAME (As shown on registration certificate) JOSEPH L. HARR & JOANN R. HARR 2. OWNER 3. FOR FAA USE ONLY 5. TYPE 4. UNIT IDENTIFICATION ALTE SERIAL NO. MAKE UNIT ATION XX ecoecoecoecoecoecoeco (As described in item 1 chore) ecoecoecoecoecoecoecoe AIRFRAME POWERPLANT PROPELLER APPLIANCE MANUFACTURER E. CONFORMITY STATEMENT C. CERTIFICATE NO. B. KIND OF AGENCY ZM3R029M FOREIGN CERTIFICATED MECHANIC Powerplant-Class Arizona Air-Craftsman X CERTIFICATED REPAIR STATION Airframe-Limited 290 Shrine Rd, #5 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 bereto 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 OF AUTHORIZED INDIVIDUAL TONY R. RILLEY DATE 5/16/94 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 Agency and is XAPPROVED REJECTED OTHER (Specify) FAA FLT. STANDARDS INSFECIOR

OF TRANSPORT INSPECTOR OF AIRCRAFT

TONY R. RILEY

SIGNATURE OF AUTHORIZED INDIVIDU

1447

FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION

FAA DESIGNEE

5/16/94

DATE OF APPROVAL OR

REPAIR STATION

CERTIFICATE OR DESIGNATION NO.

ZM3R029M

0052-025-8000 (8320)

LETTE TO STATE WHAT I E AL MALLE STATES

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. craft nationality and registration mark and date work completed.)

AIRCRAFT NUMBER N1833D SERIAL NUMBER CE952

Verified previous installation of Shadin Company Inc. Digital fuel management system, P/N-90281 in accordance with STC-SA449GL and installation drawings dated 5-20-94 ∞de # 4017-26.

ADDITIONAL SHEETS ARE ATTACHED

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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.)

Install Space Machine products STC SA5870NM, middle rudder hinge bracket IAW drawing SMP-11 dated 12/1/92 and SMP Installation Instructions dated 1/21/94. Weight change negligible.

N1833D SN: CE952

ADDITIONAL SHEETS ARE ATTACHED

"LS. GOVERNMENT PRINTING OFFICE - 1665 OF TAX-146

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FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION

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 INSIGHT INSTRUMENT CORP. GRAPHIC ENGINE MONITOR SYSTEM I.A.W. INSIGHT INSTRUCTION INSTALLATION MANUAL AND DRAWINGS.

FOR MODEL 602 LIST 8200, 5/0493 AND INSTALLATION DATED SEPT. !, 1982.

REMOVED OPTIONAL SPECIAL EQUIPMENT ALCOR SINGLE POINT EGT AND INSTALLED~

G.E.M. IN PLACE AT INSTRUMENT PANEL. EQUIPMENT LIST REVISED.

UNIT P/N-1261, SOFTWARE LEVEL-602D, SERIAL NO.-007342, MANUF.DATE-9/16/93.

FLIGHT SUPPLEMENT PLACED IN AIRCRAFT FLIGHT MANUAL.

ADDITIONAL SHEETS ARE ATTACHED

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. FA	A Fit. Standards	Manufacturer		Authorization	Other (Specify)			
BY -	A Designee X	Repair Station	Person App Canada Air	roved by Transport worthiness Group				
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FAA Form 33								

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous atterations to a sure 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 KLN-88, Bent Whip KA-84, FN-100B Cooling, RSU-21, and ATS-80.

Installation made in accordance with AC 43.13-IA, Chapters 11 and 15, AC 43.13-2A, Chapters 2 and 3, AC 20-121A, Paragraph 3, Appendix I and manufacturer's instruction manual.

Loran left/right, to/from and nav flag information are switched to pilot's HSI/Flight Director and Autopilot and copilot's repeater indicator. Also installed ILS energize interlock. Loran switching is accomplished through an annunciator switch.

Instrument panel placarded as follows: "Approved for VFR only".

Ground and flight check made and Loran exhibits no interference to other aircraft communications or navigations systems.

Electrical load does not exceed 80% of charging system.

EMI check made and no interference noted. Weight and balance revised.

LAST ITEM

1.1 Additional Sheets Are Attached

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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.) Install Upper Rudder Hinge Brackett in accordance with STC SA4899NM, dated 08-28-90 and Spacecraft Machine Products Master Drawing List SMP-100, Rev. A, dated 07-17-90. Weight added is negligible. D ADDITIONAL SHEETS ARE ATTACHED

C FAA AC 72-4906

AU.S. GOVER NTING OF FICE: 1986-659-121/40260

		U.S. DEPARTMENT (FEDERAL AVIATION	ADM	INISTRATION		4	Form Approved Budget Bureau	No. 04-R	1060.1
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	CE	-952			NATIONA	N183	REGISTRATION /	MARK	
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.O. Box 1	3. Munici	pal Airport		POREIGN CERTIFIC		NIC	CRS 36		
nawa, Iow	a 510	40		X CERTIFICATED REP	AIR STATION.		Limite	d Airf	rame
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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 Beryl D'Shannon Aviation Specialties, Inc., Fiberglas Tip Tanks, and fuel transfer system in accordance with STC SA153EA, Drawing No. B1404, Rev. E, dated July 25, 1977. See New Weight and Balance This Date.

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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.)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record.

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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.) 1. Installed 3 M Ryan Stormscope model WX10A in accordance
with manufacturers installation instructions. 2. Installed Stormscope Antenna on belly of aircraft at STA. 129 using Supplied doubler plate.
3. Stormscope processor and display unit installed in space provided by aircraft manufacturer.
4. An electrical load check was performed and it was found that the maximum electrical load does not exceed 80% of the generating capacity of the electrical charging system.
5. All materials used and all the above work performed was in accordance with acceptable methods and techniques set forth in AC 43.13-1A and 43.13-2A. 6. Revised aircraft weight and balance records.
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ADDITIONAL SHEETS ARE ATTACHED



DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved

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	(Airframe	, Powerplant, P	ropelle	r, or Applia	ince)		OFFICE IDENT	FICATION	
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An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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FAA Form 8130-6 (7-70)

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-	CECTIFICATION I have	by certify that I am the registered owner	(or his agent) of th	ne aircraft described above; that the aircraft is regis I Aviation Act of 1958, and applicable Federal Avi
wit Re	gulations; and that the	Administration in accordance with Section aircraft has been inspected and is airworth NAME AND TITLE (Print or 1990)	hy for the flight de	ne aircraft described above; that the initiation in a large of the lar
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DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION STANDARD AIRWORTHINESS CERTIFICATE MANUFACTURER AND MODEL I. NATIONALITY AND REGISTRATION MARKS BERCH AIRCRAFT CORP. -N1833D UTILITY 5. AUTHORITY AND BASIS FOR ISSUANCE.

This oirworthiness certificate / it. disued pursuant to the Fridate! Aviation As of 1938 and certifies that, as of the date of issuance, the aircrift to which issued that her fridated and faund to conform to the type certificate comperhensive and detailed airworthiness code detailed airworthiness code detailed airworthiness and detailed airworthiness and detailed airworthiness and conformation on international Civil Exceptions. CE-952 Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, the succession of the surrendered of the surrende NONE Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORD.

ANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362