# **N81RJ**1979 A36 Bonanza

# FAA Form 337s

**MSN: E-1617** 



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



(2)
U.S. Department
of Transportation
Federal Aviation
Administration

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

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

For FAA Use Only

	Administration											
instruction	FIONS: Prings and disposition. (49 U. 3	ition of t	nis form.	es. See Title 14 This report is re	CFR §	43.9, Part 4 d by law (49	Appendix B, and U.S.C. §44701). F	AC 4 ailure	3.9-1 (or a	subseque can resi	ent revision ult in a civil p	thereof) for penalty for each
	Nationality			nrk			Serial No.	Serial No.				
1. Aircraft	USA	И8	1RJ				E-1617					
i. Aircrait	Make BEECH						Model A36	·		es		
	Name (As	shown on	registrati	on certificate)			Address (As sho	wn on	registratio	n certificat	re)	
2 0	MARTY	GOULI	)				194 CR 29	50				
2. Owner							ALBA, TX					
					3 For F	75410 USA A Use Only						
<del></del>						3. FUI F	CA USE Offing					
			·									
4. T	ype					5. Unit Id	entification					
Repair	Alteration	U	nit		Make	<u>-</u>		Mo	del		Se	rial No.
	X	AIRFRA	ME				(As describe	(As described in Item 1 above)				
		POWE	RPLANT		_							
		PROPE	LLER									
				Туре								
		APPLIA	NCE	Manufacturer								
				Manuacturei								
						6. Confor	mity Statement					
A. Agency	s Name and	Address					of Agency					
HARTSEL	L AVIONI	CS INC				+	Certificated Mechar	nic	1	Man	ufacturer	
325 COR	PRATE RO	AD				Foreign Certificated Mechanic C. Certificate No.					ficate No.	
	W, TEXAS					X Certificated Repair Station H9TR858J					3J	
75603 U	SA					Certifi	cated Maintenance	Orga	inization			
have b	een made ir	n accorda	ince with	tion made to the the requirement to the best of my	ts of P	art 43 of the	item 5 above and U. S. Federal Avia	desci	ribed on t Regulation	he revers	se or attachr nat the inforr	nents hereto nation
Extended ra		_	Signa	ture/Date of Autho	rized Inc	dividual						DAVID HARTSELL
per 14 CFR App. B	Part 43	_]										24-February-2020
rup. D				<del></del>	7. Apr	royal fer R	turn to Service		_			3.1.23.22. <b>7.2</b>
Pursuant 1	o the autho	ority give	n perso				tified in item 5 v	vas i	nspected	in the	manner pre	scribed by the
			•	Administration			Approved		Rejecte			
1 1	FAA Fit. Standards Manufacturer					Maintenance	Organization			Persons Approved by Canadian Department of Transport		
BY	AA Designee		<b>₹</b> Repa	air Station		Inspection A	thorization	Oth	ner (Specify	y)		
Certificate			Signa	ture/Date of Autho	rized Inc	dividual	//					DAVID HARTSELL
Designation												
H9TR8583	·					_/_						24-February-2020

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality a	nd registration mark and date work co	mpleted.)
	USA N81RJ	Feb-24-2020
	Nationality and Registration Mark	Date
A. REMOVED OLD AT165 TRANSPONDER.  B. THE FOLLOWING EQUIPMENT WAS INSTALLED USING MIL 22759 AND MIL 27500 WIRE.  C. EQUIPMENT INSTALLED I.A.W.:  a. A.C. 43.13-1B CHAP. 4 sec 4,6,7 sec 1-5 and 7 and 11,10,11 exc sec 2 and 18 th	nru 20,12 sec 1 and 2.	
b. A.C. 43.13-2B CHAP. 1,2,3,13 C. EQIP INSTALLED AS FOLLOWS a. INSATALLED GTX335 (FERRER) IN SAME LOCATION WHERE OLD #1 TXP WAS STC#SA01714W! The installed ADS-B OUT system was shown to meet the equipment performance THE STC APPROVED FMS P#190-00734-15 REV 4 OR LATER APPROVED RECREW	e requirements of 14 CFR gart 91.22'Z	
WHEN USING THE GTX 335R. STC APPROVED ICA GIVEN TO AIRCRAFT O'D. W/B CHANGE NEG.	WNER.	
E. ELECT LOAD CHG NEGEND		
		;
ADDITIONAL SHEETS ARE	ATTACHED	

U.S. Department of Transportation
Federal Aviation Administration

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

OMB No.2120-0020	Electronic Tracking	Numbe
2/28/2011	1	

For FAA Use Only

INSTRUCTIONS: Print or type	e all entries. See Title CFR §43.9	9, Part 43 Appendix B, and AC	43.9-1 (or subsequent revision thereof) for
instructions and disposition of t	this form. This report is required	by law (49 U.S.C. §44701). Fa	allure to report can result in a civil penalty for
each such violation (49 U.S.C.	\$46301(a))		•

City ADA State OK Certificated Repair Station O2651512  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per 14 CFR Part 43 App. B Signature/Date of Atthorized Individual DAVID LANDRETH 10/27/2014  7. Approval for Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED  FAA Fit. Standards Inspector Manufacturer Maintenance Organization Department of Transport  FAA Designee Repair Station X Inspection Authorization  Certificate or Designation No. Signature/Date of Authorized Individual	each such v		U.S.C. §4630									
Name (As shown or registration certificate)   A36   Address (As shown or registration certificate)   Address (As Addre	1. Aircraft	. 1		ion Mark			1					
Address 194 COUNTY ROAD 2950  AIRFRAME  3. For FAA Use Only  4. Type  5. Unit Identification  AIRFRAME  (As described in item 1 above)  POWERPLANT  POWERPLANT  APPLIANCE  APPLIANCE  Manufacturer  B. Kind of Agency  AAPROV'S Name and Address  B. Kind of Agency  AAPROV SOUNTY ROAD 3501  Foreign Certificated Mechanic  City  ADA  County  ADA  State OK  Certificated Name  DAVID EXPANLADED SOUNTY ROAD 3501  City  ADA  County  City  Countificated Mechanic  City  Countificated Mechanic  City  Countificated Mechanic  City  Countificated Mechanic  City  ADA  County  City			r Beechcraft C	orporation			1					
3. For FAA Use Only  3. For FAA Use Only  3. For FAA Use Only  4. Type  6. Unit Identification  Repair Alteration Unit Make Model Serial No.  AIRFRAME  (As described in item 1 above)  POWERPLANT  POWERPLANT  A Agency's Name and Address  B. Kind of Agency  APPLIANCE  Manufacturer  A Agency's Name and Address  B. Kind of Agency  DAVID RYAN LANDRETH  X U.S. Certificated Mechanic Certificate No.  City ADA  Country USA  D. Locrify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments information furnished herein is true and correct to the best of my knowledge.  Extended range hus per I Signature/Date of Mithorized Individual  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 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 Power and Correct of Transport  PAAD Signature/Date of Authorized Individual  Power Administrator of the Federal Aviation Administration and is Power and Correct One Signature of Transport  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 Power and	2. Owne			stration certificate)	•	······	Addres	ss 194 C	•		950	
A. Type							1 -		-5626	Count		
A. Type  S. Unit Identification  Repair Alteration Unit Make Model Serial No.  (As described in item 1 above)  POWERPLANT  AIRFRAME  APPLIANCE  Manufacturer  Manufacturer  6. Conformity Statement  A. Agency's Name and Address A Agency's Name and Address B. Kind of Agency  ADA STATE AND ASSISTED COUNTY ROAD 3501  City ADA State OK  City ADA County USA  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is frue and correct to the best of rmy knowledge.  Extended range fuel per Signature/Date of dithorized individual  7. Approval for Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspacted in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved  7. Approval for Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspacted in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspacted in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspacted in the manner prescribed by Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspacted in the manner prescribed by Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspacted in the manner prescribed by Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspacted in the manner prescribed b		<u> </u>						.5110		Journ		
Alteration Unit Make Model Serial No.  AIRFRAME (As described in item 1 above)  POWERPLANT  PROPELLER  APPLIANCE Manufacturer  6. Conformity Statement  A. Agency's Name and Address A. Agency's Name and Address B. Kind of Agency  Name DAVID RYAN LANDRETH  Address  Liv ADA State OK  Certificated Mechanic Manufacturer  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range twiper Signature/Date of Address and correct to the best of my knowledge.  Extended range twiper Signature/Date of Address and described in the manner prescribed by the Administrator of the Federal Aviation Administration and is App. B DAVID LANDRETH 10/27/2014  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 App. B APROVED REJECTED  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 App. B APROVED REJECTED  Persons Appoved by Canadian Department of Transport  Other (Specify)  Certificate or Designation No. Signature/Date of Authorized Individual				3. Fo	or F	AA Use C	nly —————					
Alteration Unit Make Model Serial No.  AIRFRAME (As described in item 1 above)  POWERPLANT  PROPELLER  APPLIANCE Manufacturer  6. Conformity Statement  A. Agency's Name and Address A. Agency's Name and Address B. Kind of Agency  Name DAVID RYAN LANDRETH  Address  Liv ADA State OK  Certificated Mechanic Manufacturer  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range twiper Signature/Date of Address and correct to the best of my knowledge.  Extended range twiper Signature/Date of Address and described in the manner prescribed by the Administrator of the Federal Aviation Administration and is App. B DAVID LANDRETH 10/27/2014  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 App. B APROVED REJECTED  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 App. B APROVED REJECTED  Persons Appoved by Canadian Department of Transport  Other (Specify)  Certificate or Designation No. Signature/Date of Authorized Individual			•									
AIRFRAME    AIRFRAME   (As described in item 1 above)	4. T	уре	Ī	5. Ur	nit lo	lentificat	on		<del></del>			
PROPELLER    PROPELLER	Repair	Alteration	Unit	Make	)			Mode	I		Serial No.	
Foreign Certificated Mechanic  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per Signature/Date of Signature/Date of Signature/Date of Signature/Date of Signature/Date of Signature/Date of Administration and is Approved Rejectify  FAA Designee Repair Station (Signature/Date of Authorized Individual Park Action Regulations Approved by Canadian Department of Part 43 App. 8  FAA Fit Standards Manufacturer Maintenance Organization Persons Appoved by Canadian Department of Transport Ocher (Specify)  Certificated Mechanic C. Sectificated Mechanic C. Certificated Mechanic C. Sectificated Mechanic C. Sectificated Mechanic C. Certificated Mechanic C. Certificated Mechanic C. Sectificated Mechanic C. Sectificated Mechanic C. Sectificated Mechanic C. Certificated Mechanic C. Sectificated Mechanic C. Sectificate Mec			AIRFRAME				(As desc	ribed in i	item 1 aı	bove)		
A Agency's Name and Address  A. Agency's Name and Address  B. Kind of Agency  ADA/ID RYAN LANDRETH  ADDA/ID Country USA  Certificated Mechanic  Certificated Mechanic  Coertificated Mechanic  Coertificated Repair Station  Department of Coertificated Mechanic  Certificated Repair Station  Department of Department of Proceedings of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per Signature/Date of Afthorized Individual  T. 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 Fits Standards Manufacturer Maintenance Organization  Persons Appoved by Canadian Department of Transport  Certificate or Designation No.  Signature/Date of Authorized Individual			POWERPLAN	п								
A Agency's Name and Address  A. Agency's Name and Address  B. Kind of Agency  Address  B. Kind of Agency  Manufacturer  X U.S. Certificated Mechanic  City ADA  State OK  Certificated Repair Station  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per Signature/Date of Adthorized Individual  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  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  Persons Appoved by Canadian Department of Transport  FAA Fit. Standards Inspector  Maintenance Organization  Signature/Date of Authorized Individual  Certificated nechanic  Maintenance Organization  Other (Specify)  Certificated mechanic  C. Certificate No.  Certificated Mechanic  C. Certificate Mechanic  D. Occasional Menufacturer  Manufacturer  Maintenance			PROPELLER									
A. Agency's Name and Address  Name  DAVID RYAN LANDRETH  Address  14429 COUNTY ROAD 3501  City  ADA  State OK  Zip  74820  Country  USA  D. I certificated Mechanic  Certificated Repair Station  O02651512  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per Signature/Date of Adthorized Individual  T. 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  REJECTED  REJECTED  REJECTED  Persons Appoved by Canadian Department of Transport  Persons Appoved by Canadian Department of Transport  Persons Appoved by Canadian Department of Transport  Persons Appoved by Canadian Ocher (Specify)  FAA Designee  Repair Station  X Inspection Authorization  Certificate or Designation No.  Signature/Date of Authorized Individual			APPLIANCE						, "			
A. Agency's Name and Address  Name  DAVID RYAN LANDRETH  Address  14429 COUNTY ROAD 3501  City  ADA  State OK  Zip  74820  Country  USA  D. I certificated Mechanic  Certificated Repair Station  O02651512  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per Signature/Date of Adthorized Individual  T. 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  REJECTED  REJECTED  REJECTED  Persons Appoved by Canadian Department of Transport  Persons Appoved by Canadian Department of Transport  Persons Appoved by Canadian Department of Transport  Persons Appoved by Canadian Ocher (Specify)  FAA Designee  Repair Station  X Inspection Authorization  Certificate or Designation No.  Signature/Date of Authorized Individual			<u> </u>	6. Co	onfo	rmity Sta	tement					
Address    Address   14429 COUNTY ROAD 3501	A. Agency	's Name an	d Address									
Foreign Certificated Mechanic  City ADA State OK  Certificated Repair Station  D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per 14 CFR Part 43 App. B Signature/Date of Atthorized Individual  7. Approval for Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED  BY  FAA Fit. Standards Inspector Manufacturer Maintenance Organization Department of Transport  Certificate or Designation No. Signature/Date of Authorized Individual	Name DA	AVID RYAN L	ANDRETH		_ X	U.S. Certi	icated Mechani	c		$\neg \neg$	Manufacturer	
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hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.  Extended range fuel per 14 CFR Part 43 App. B Signature/Date of atthorized Individual DAVID LANDRETH 10/27/2014  7. Approval for Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED  FAA Fit. Standards Manufacturer Maintenance Organization Persons Appoved by Canadian Department of Transport  FAA Designee Repair Station X Inspection Authorization  Certificate or Designation No. Signature/Date of Authorized Individual	Zip <u>74</u>	820	_ CountryUS	SA								
To Approval for Return To Service  Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED  BY  FAA Fit. Standards Manufacturer Maintenance Organization Persons Appoved by Canadian Department of Transport  FAA Designee Repair Station X Inspection Authorization  Certificate or Designation No. Signature/Date of Authorized Individual	hereto informa	have been ation furnish	made in accorded herein is to	dance with the requirem ue and correct to the be	ents	of Part 4 my know	3 of the U.S.	e and de Federal	escribed Aviation	on th	ne reverse or attachments ulations and that the	
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 REJECTED  BY FAA Fit. Standards Inspector Manufacturer Maintenance Organization Persons Appoved by Canadian Department of Transport Other (Specify)  Certificate or Designation No. Signature/Date of Authorized Individual			Signati	ure/Date of Mathorized In	divid	dual		DAVI	D LAND	RETH	10/27/2014	
the Administrator of the Federal Aviation Administration and is APPROVED REJECTED    FAA Fit. Standards Inspector   Manufacturer   Maintenance Organization   Persons Appoved by Canadian Department of Transport				7. Appro	val f	or Retur	To Service					
BY Inspector Manufacturer Maintenance Organization Department of Transport  FAA Designee Repair Station X Inspection Authorization  Certificate or Designation No. Signature/Date of Authorized Individual	Pursu the A	dministrator	r of the Federa	persons specified below al Aviation Administration	v, the	e unit ider d is 📝 A	itified in item PPROVED	5 was ir	REJE	CTED		
FAA Designee Repair Station X Inspection Authorization  Certificate or Designation No.  Signature/Date of Authorized Individual	Manufacturer I											
								tion	Other	(Sp	ecify)	
002651512 DAVID LANDRETH 10/27/2014	Certificate or	Designation N	No.	Signature/Date of Auth	orize	ed Individ	ıal					
	002651512			El Terra			DAVID LAI	NDRETH	10/27	/2014		

	N81RJ	10/27/2014
	Nationality and Registration Mark	[
allation of modified engine baffling/o allation covered and approved unde change in weight and balance.	cooling system in accordance with FAA approved F r STC SA00035DE. Only limited parts are installed	liteCraft turbo inc. Master drawing list BON.  1. #6 baffle modifications only.
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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 11/30/2007

For F	AA Use	Only	

Administra														
instruction	ns and dispos	sition o	f this fo	orm.								ent revision thereof) for ult in a civil penalty for each		
such viola	tion. (49 U.	_												
	Nationality USA		gistratio 181RJ		k				Serial No. E-1617					
1. Aircraf	Make BEECH	l l									Serie	S		
	_								A36					
	MARTY		_	stratio	n certificate)				Address (As shown on registration certificate) 194 CR 2950					
2. Owner									ALBA, TX 75410 USA					
3. For FAA Use Only														
4. 7	Гуре						5. Un	it Identif	ication					
Repair	Alteration		Unit			Make				Model		Serial No.		
	X	AIRF	RAME		•				(As described in Item 1 above)					
		POW	ERPL/	ANT										
		PRO	PELLE	R						***************************************				
					Туре									
		APPI	LIANCE	E	Manufacturer									
		<u> </u>					6.6-	:b	. State-seat					
A A = = = =	de Name and								Statement					
	y's Name and						B. N	ind of A			I Man	whothere		
1872 CI	LL AVIONI	.CS I	NC.				$\vdash$		Certified Mechanic Manufacturer gn Certified Mechanic C. Certificate No.					
TYLER,	=						X		ed Repair Station H9TR858J					
75704							A		Maintenance C	Organization				
have	been made ir	n acco	rdance	with		nts of Pa	art 43 o					se or attachments hereto at the information		
Extended r					ure/Date of Autho							DAVID HARTSELL		
per 14 CFF					14									
App. B						7 4	and f	De A	- 4- Car-!			17-February-2014		
Duramen	to the auth	arity: -	ivor =	0.000					to Service	no increated	in the :	monnor proposibad by the		
Administra	ator of the I	Federa			Administration		ie unit	X Ap		Rejecte	ed	manner prescribed by the		
	FAA Flt. Standa Inspector	or Maintenance Organization Department of Transport												
BY	FAA Designee		x	Repai	r Station		Inspection	on Authori	zation	Other (Specify	<b>(</b> )			
Certificate			15	Signati	ire/Date of Autho	rized Ind	ividual					DAVID HARTSELL		
Designation H9TR858												17-February-2014		
11211020	-													

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality a	nd registration mark and date work cor	mpleted.)						
	USA N81RJ	Feb-17-2014						
	Nationality and Registration Mark	Date						
A.REMOVED KCS 55A SYST,		·						
B. THE FOLLOWING EQUIPMENT WAS INSTALLED USING MIL 22759 AND MIL 2	27500 WIRE.							
C. EQUIPMENT INSTALLED I.A.W. a. A.C. 43.13-1B CHAP. 4 sec 4,6,7 sec 1-5 and 7 and 11,10,11 exc sec 2 and 18 th b. A.C. 43.13-2B CHAP. 1,2,3,13	ru 20,12 sec 1 and 2.							
D.EQUIP INSTALLED AS FOLLOWS:  a INSTALLED GARMIN G500 PFD/MFD SYSTEM IAW STC#SA02015SE-D. THE APPROVED FLIGHT MANUAL SUPPLEMENTS FOR THE G500 P#190-01102-01 Rev. 9 OR LATER APPROVE REV MUST BE IMMEDATLY AVILIBLE TO THE PILOT. STC APPROVED INSTRUCTIONS FOR CONT AIRWORTHINESS GIVEN TO AIRCRAFT OWNER.								
F. WEIGHT AND BALLANCE AND EQUIP LIST UPDATED								
G. ELECTRICAL LOAD DOES NOT EXCEED 80% OF SYSTEM CAP.								
END								
		•						
ADDITIONAL SHEETS ARE	ATTACHED							

FM DAK asa

<b>(2</b> )
U.S. Department
of Transportation
<b>Federal Aviation</b>
Administration

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

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

For FAA Use Only

Administratio												1		
instructions	and dispos	ition of	this f	form. ¯	See Title 14 ( This report is re	CFR §4 equired	13.9, Pa by law	art 43 App (49 U.S.	pendix B, and A C. §44701). Fai	C 43. ilure t	9-1 (or s o report	ubseque can rest	ent revision the ult in a civil per	ereof) for nalty for each
such violation. (49 U. S. C. §46301(a))  Nationality and Registration Mark USA N81RJ  1. Aircraft									Serial No. E-1617					
1. Aircraft Make BEECH								Model Series A36					s	
Name (As shown on registration certificate) MARTY GOULD 2. Owner								Address (As shown on registration certificate) 194 CR 2950						
									ALBA, TX 75410 USA					
	1						3 F	or FAA Û						
· 4. Ty	pe						5. Un	it Identifi	cation			-		· · · · · · · · · · · · · · · · · · ·
Repair	Alteration		Unit			Make				Mod	el		Seria	l No.
	X	AIRFF	RAME						(As described in Item 1 above)					
		POW	ERPL	-ANT	<u>.</u>		,							
		PROP	ELLI	ER					<u>.</u>					<u> </u>
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		APPL	IANC	E	Manufacturer	.,.						!		
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Extended ran					ure/Date of Author				<del></del>					OAVID HARTSELL
per 14 CFR F	'art 43													7-November-2013
Арр. В			i_			7 Ann	roval f	or Return	to Service					
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BY	Spector  A Designee	_	x	Repair	r Station			ion Authoria		Othe	r (Specify	nent of Tra	anaport	
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Certificate o Designation				Signatu	re/Date of Author	rized Ind	lividual							AVID HARTSELL
H9TR858J			]											7-November-2013

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
USA N81RJ Nov-07-2013
Nationality and Registration Mark Date A. REMOVED II MORROW LORAN AND INSIGHT GEM INDICATOR.
B. THE FOLLOWING EQUIPMENT WAS INSTALLED USING MIL 22759 AND MIL 27500 WIRE.
C. EQUIPMENT INSTALLED I.A.W. : a. A.C. 43.13-1B CHAP. 4 sec 4,6,7 sec 1-5 and 7 and 11,10,11 exc sec 2 and 18 thru 20,12 sec 1 and 2. b. A.C. 43.13-2B CHAP. 1,2,3,13
D. INSTALLED DAC GDC31 ROLL STEERING CONVERTER IAW STC SA10236SC
E. INSTALLED INSIGHT G2 ENGINE MON AS A REPLACEMENT FOR THE INSIGHT GEM IAW STC SA09-30
F. STC APPROVED ICA'S GIVEN TO AIRCRAFT OWNER.
G. CURRENT DRAW CHANGE NEG. W\B UPDATED
☐ ADDITIONAL SHEETS ARE ATTACHED

U.S. Department of Transportation
Federal Aviation Administration

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

	Electronic	Tracking	Numbe
OMB No.2120-0020			
2/28/2011			

For FAA Use Only

Federal /		1											
nstruct	tions a	and disposi olation (49	tion of th U.S.C. §	is for 4630	)1(a)).	3.9, ed b	P. y	art 43 Appe law (49 U.S	ndix B, and AC 43 i.C. §44701). Failu	.9-1 (or su	bseque t can i	ent revision thereof) for result in a civil penalty for	
1. Aiı	Nationality and Registration Mark N81RJ								Serial No. E1617				
		Make Hawke	r Beecho	raft C	orporation				Model A36			Series	
2. 0	)wner	· .	As shown o	-	istration certificate)		Address (As shown on registration Address 194 COUNTY ROAD 29 City ALBA Zip 75410-5626 Countr					State TX	
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	4. Ty	ype			5. U	nit l	de	ntification					
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			PROPE	LLER									
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		e fuel per B App. B		ignati	ure/Date of Authorized I	ndiv	idı	ual	DAVID R	R. LANDRE	TH 1	2/20/2012	
					7. Appro	oval	fo	r Return T	o Service				
		<u>lministrator</u>	of the F		persons specified belo al Aviation Administration					REJECTE	D		
ву		FAA Flt. Star	ndards		Manufacturer	<u>.</u>	_	Maintenan	laintenance Organization Person Appoved by Canadiar Department of Transport				
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/UZUU I	V12				11. M			DA	VID R. LANDRETH	12/20/20	12		

8. Description of Work Accomplished									
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)									
	N81RJ	12/20/2012							
	Nationality and Registration Mark	Date							
Removed six (6) TCM fuel nozzles P/N 632 S/N 22410 STC No. SE09217SC PMA No. February 6, 1997.	748-13AA and installed General Aviation Modifications, inc. OP PQ821SW per turboGAMIjector Installation Procedure No. IP	GAMIjectors Kit No. GAD13AA -97-002 (rev 001) dated							
		·							
	•								
	Additional Sheets Are Attached								

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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 11/30/2007

For FAA Use Only

Federal A	viation (	Airfr	rame	e, P	owerplant	, Pro <sub>l</sub>	pelle	er, or	Appliance	·)				
instructi		sition o	f this	form.									ent revision thereof) for ult in a civil penalty for each	
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	USA		181R		i K				E-1617					
1. Aircr									Model A36	S				
2. Own	MARTY	Name (As shown on registration certificate) MARTY GOULD							Address (As show 194 CR 295 ALBA, TX		certificat	e)		
									75410 USA					
							3. Fc	or FAA U	lse Only					
4	. Type						5. Uni	t Identif	ication		•		· · · · · · · · · · · · · · · · · · ·	
Repair	<del>-  </del>		Unit			Make		Model					Serial No.	
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		POW	/ERPL	_ANT	ł				•					
		PRO	PELL	ER			-							
		APPI	LIANC	E	Type  Manufacturer									
							6. Co	nformity	Statement					
A. Ager	cy's Name and	d Addre	ess				B. K	ind of Ag	gency	_				
HARTS	ELL AVIONI	cs I	NC.					U. S. Ce	ertified Mechanic	<u> </u>		Man	ufacturer	
1872	CR 1143							Foreign Certified Mechanic				C. Certificate No.		
	, TEXAS						X		Repair Station			H9TR8	58J	
hav	rtify that the re e been made i	n acco	rdanc	e with	ion made to the the requiremen to the best of my	ts of Par	t 43 o	ed in iten	Maintenance C n 5 above and d S. Federal Aviati	escrib	ed on th	e revers	se or attachments hereto at the information	
Extended per 14 C	f range fuel FR Part 43	7			ture/Date of Author								DAVID HARTSELL 09-March-2012	
Арр. В				(		7 Appro	wal fo	r Potur	n to Sèrvice	_				
						low, the			d in item 5 wa		spected Rejected		manner prescribed by the	
	FAA Flt. Stand				ıfacturer		lainten	ance Orga			Persons		d by Canadian	
ВҮ	FAA Designee		х	Repa	ir Station	Ir	nspection	on Authori	zation	Other	r (Specify)	· )		
Certifica Designa H9TR85	tion No.			Signat	ture/Date of Author	ized Indiv	idual	_		<u> </u>			DAVID HARTSELL 09-March-2012	

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
USA N81RJ Mar-09-2012
Nationality and Registration Mark Date
A. UPGRADE GNS 430 INSTALATION TO GNS 430W IAW STC SA01933LA. INSTALLED GA35 GPS WAAS ANT IN SAME LOCATION GA 56 WAS REMOVED
B APPROVED FLIGHT MANUAL SUPLEMENT FOR THE GNS 430W MUST BE ON BOARD AND IMMEDIATELY AVAILABLE TO THE FLIGHT CREW WHEN USING THE GNS 430W.
D W/B CHANGE NEG.
E. ICA INCLUDED WITH STC'S GIVEN TO A\C OWNER.
F ELECT LOAD DOES NOT EXCEED 80% OF SYSTEM CAP.
END
☐ ADDITIONAL SHEETS ARE ATTACHED

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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 violation (Section 901 Federal Aviation Act of 1958).

each violation (	Section 901 Federal Aviat	ion Act of 1958).	19 U.	5.C. 1421). Fall	are to rep	ort can re	sult in a civ	/ii penalt	y not to excee	\$1,000 for		
	Make					1 3.53						
1. Aircraft	Beech		Model A36									
	Serial No. E-1617			Nationality and Registration Mark N81RJ								
	Name (As shown on red	distration certificate	)		Address	(As sho	wn on magis	tration c	ertificate)	<del></del>		
2. Owner	Hartmann, Chris		医新霉	Mind of the	120	022 Pine	rock lar	16	e a regard at			
The dates	distrition identified herein (	complied with applica	hå F	or FAA Use O	ily	1 14-14-1	2 1 14 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1		4.		
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	described aircraft subject to conformity inspection by a person of AASBAAB the they become in 190,950 to 190,000 to 190,000 authorized in FAR 43.7											
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			1	Manufacturer					* *			
nave beer	nat the repair and/or alteration in made in accordance with herein is true and correct to	the requirements of F	art 43	3 of the U.S. Fed	ove and de eral Avletic	scribed o	n the revers tions and th	e or attac at the info	chments hereto ormation			
Date .	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,		nature of Autho	libal basis	<del>                                      </del>						
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		7. Ap	prov	al for Return T	Service	1 /						
Pursuant to t	the authority given person r of the Federal Aviation A	s specified below, the	ne uni	it identified in ite XI APPROVED	m 4 was i	inspected JECTED	in the mar	ner pres	cribed by the	the second		
- FAV	A Fit Standards	lanufacturer		Inspection Aut			Other (Spe	cify)				
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Date or Approv		Certificate or Designation No.	-	Signature of A	hthorized	I Individus	prin ot an appellar a	Jan	nes W. Würm	án Jr.		

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 r	mark and date work completed.)
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Beech A36	ком в нем им на на при на при на при на при на на при н - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
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The state of the s	State of the state
Having complied with AC 20-138 paragraph 8.c (2) this FAA Form 337 removes	s the VFR limitations on the Garmin GNS
430 GPS/VOR/ILS/COM Transceiver system installed on FAA Form 337 dated	64 / 28 / 63 This approval requires
FAA Approved Flight Manual Supplement dated 5 / 19 / 03	in a distribution of the control of
The second secon	
Instructions for Continued Airworthiness Checklist	and the control of the section of th
	The following throughout the situation of making fills
The above listed aircraft has been modified by the installation of a Gan	min GNS 430/Feb 2/0/2007 14 4/4/6/6/6/6
GPS/VOR/ILS/COM Transceiver interfaced with a KI 525Å H.S.I. coup	led to a King KFC-200 Autopilot system.
2. Description:	Value of the control
The Garmin GNS 430 GPS System is a fully integrated, panel mounted	instrument, which contains a VHF Com
Transceiver, a VOR/ILS receiver, and a GPS Navigation computer with	n updateable database.
3. Control, Operation Information:  The pilot's guides and operation manuals were placed in the aircraft.	
The pilot's guides and operation manuals were placed in the aircraft.	v. 101
4. Servicing Information: n/a 5. Maintenance Instructions:	the state of the s
Maintenance of GNS 430 is "on condition" only. Periodic maintenance	io not required
6. Troubleshooting Information: n/a	is not required.
7. Removal and Replacement Information: n/a	
8. Diagrams: n/a	:
9. Special Inspection Requirements: n/a	
10. Application of Protective Treatments: n/a	And the second s
11. Data: n/a	Annual Company of the
12. List of Special Tools:	
A 3/32-inch allen wrench is required for removal of the GNS 430 unit.	20 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A
13. For Commuter Category Aircraft: n/a	
14. Recommended Overhaul Periods: n/a	
15. Airworthiness Limitation Section:	The Automotive St.
The aircraft instrument panel is placarded "GPS_APPROVED FOR VF	R USE ONLY". The placards will
be removed upon compliance with AC20-138 paragraph 8.c.(2)	
16. Revision:	and the second of the second o
To obtain a revision to the ICA (Instructions for Continued Airworthines	s), a letter must be submitted to the
local FSDO with a copy of the revised FAA Form 337 and revised ICS.	
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# US Department of Transportation Federal Aviation

Administration

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

Form	Appr	oved	
OME	3 No.	2120	-0020

For FAA Use Only

Office Identification

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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 violation (Section 901 Federal Aviation Act of 1958).

				<u> </u>		_							
	Make						Model	_					
1. Aircraft	Beech						A36						
	Serial No. E-1617						Nationality and Registration Mark N81RJ						
	Name (As show	7.00	registration cert	ificete)					wn on regi	stration (	certificate)		
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2. Owner		•					Ηοι	uston,	Texas 770	)24			
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Date	FAA ins	acto											
	1				l. U	nit Identificatio	<u>n</u>	•			5. Type		
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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.)

N81RJ Beech A36 s/n E-1617

- A. Inspected previously installed Garmin GNS-430 unit below the audio panel in the center avionics stack, a GPS antenna on the top fuselage section over aft cabin area.
- B. Interfaced the Garmin GNS-430 GPS with the KI-525A Horizontal Situation Indicator. Coupled the GNS-430 GPS to the Bendix/King KFC-200 System autopilot.
- C. This installation was performed in accordance with or the following manuals were referenced: Garmin GNS-430 GPS installation manual p/n 190-00140-02, revision K dated September 2002; Bendix/King KFC200 install manual p/n 006-5134-02 dated Jan 1976; Bendix/King KI 525A install manual p/n 006-00111-0007 Rev 7, 1997; AC43.13-1A chapter 11; AC43.13-2B chapters 1, 2, and 3; AC20-138.
- D. The pilot's instrument panel was placarded as follows: "GPS FOR VFR USE ONLY"
- E. All installed equipment function tested to MPS this date for proper operation. Aircraft Weight and Balance revised this date. Aircraft Flight Manual Supplement created this date.

### Instructions for Continued Airworthiness Checklist

1. Introduction:

The above listed aircraft has been modified by the installation of a Garmin GNS-430 GPS/VOR/ILS/COM Transceiver interfaced with a King KI 525A and coupled to a King KFC200 Autopilot system.

2. Description:

The Garmin GNS-430 GPS System is a fully integrated, panel mounted instrument, which contains a VHF Com Transceiver, a VOR/ILS receiver, and a GPS Navigation computer with updateable database.

3. Control, Operation Information:

The pilot's guides and operation manuals were placed in the aircraft:

- 4. Servicing Information: n/a
- 5. Maintenance Instructions:

Maintenance of GNS-430 is "on condition" only. Periodic maintenance is not required.

- 6. Troubleshooting Information: n/a
- 7. Removal and Replacement Information: n/a
- 8. Diagrams: n/a
- 9. Special Inspection Requirements: n/a
- 10. Application of Protective Treatments: n/a
- 11. Data: n/a
- 12. List of Special Tools:

A 3/32-inch allen wrench is required for removal of the GNS-430 unit.

- 13. For Commuter Category Aircraft: n/a
- 14. Recommended Overhaul Periods: n/a
- 15. Airworthiness Limitation Section:

The aircraft instrument panel is placarded "GPS FOR VFR USE ONLY". The placards will be removed upon compliance with AC20-138 paragraph 8.c.(2).

16. Revision:

To obtain a revision to the ICA local FSDO with a copy of the re

(Instructions for Continued Airworthin evised FAA Form 337 and revised IC	ess), a letter must be submitted to the S.
END	
[ ] Additional Sheets Are Attached	

# MAJOR REPAIR AND ALTERATION

Form	Appr	oved	
OM	3 No.	2120	-002

For FAA Use Only

Department of	/Airfr:	me. Pow	erplant,	Pr	op	eller, or	Appli	iance)		Of	fice Ide	entification	TRS	
sportation		Airframe, Powerplant, Propeller, or Appliance)								SW FS80207 12				
ral Aviation inistration	S: Print or type all entri	on See EAR AS	9 FAR 43	Appei	ndix	B, and AC 43	.9-1 (or s	ubsequent revis	ion the	reof) for in	struction	ons 00		
NSTRUCTION	S: Print or type all entri	t is required by	aw (49 U.S.(	C. 142	21).	Failure to rep	ort can re	esult in a civil pe	naity ii	ot to excee				
or each such v	of this form. This report tolation (Section 901 Fe	ederal Aviation A	Ct 1930)				del			•	•.	,		
	Make					A-	36							
ircraft	Serial No.	Nationality and Registration Mark												
	E-1617					IN	dross /A	s shown on regi	stratio	n certificate	e)			
	cate)			198	3 Heatl	nrow LN								
Owner	Sugar Land TX< 77479													
					Earl	FAA Use Only	<del></del>						·	
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				4.	Uni	it Identificatio	n					5. Type	4.0	
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Unit	Make										1			
		~	(As des	crib	ed i	in item 1 ab	ove)~~		.~~~		}			
IRFRAME			<u>'</u>											
		·	10-520-1	D-BB 825763			825763-R					X		
OWERPLANT	Continental		10-320-1										1	
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APPLIANCE	Manufacturer		}								110	J		
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18000 Gro	eschke Rd.			B	C	ertified Repair	Station		$\dashv$	Limited	Airfra	ime		
Hanger 3E Houston T	X 770 <u>84</u>			10		lanufacturer	e and de	escribed on the r	everse	or attachn	nents h	ereto		
D. I certify	that the repair and/or a	iteration made to	o-the-unit(s) i rements of P	identi art 43	nea 3 of t	the U.S. Feder	ral Aviati	on Regulations a	and tha	it the inforr	nation	iumsneu		
have b	een made in accordance is true and correct to the	e best of my kno	owledge.			Signature of A		<i></i>		BRE	4	Jon Ca	unon	
Date					- }	_		17.	./	4/~	/2			
11/21/02						Brent Von	urn to Se	rvice	<u>v_</u> _					
	o the authority given pe			7. A	App	ed in item 4 W	as inspe	cted in the mann	er pre	scribed by	the			
Pursuant t	o the authority given pe	ersons specified	below, the u		APP	ROVED	REJECT	rED						
Administra	ator of the Federal Avia	tion Administrati		$\bar{\top}$		Inspection Au				Other (Spe	cify)	•		
1	FAA Fit Standards Inspector	Manufac	-tale!		l									
BY -	FAA Designee	Repair	Station	-		Person Appro	oved by Torthiness	ransport Group ·	a			, <del>, , , , , , , , , , , , , , , , , , </del>	0.00.00	
		X			$\dashv$	Signature of				1 R	count	JON C	MUNDIN.	
Date of App	roval or Rejection	Certificate or Designation	No.					13	1	2/_	1			
11/21/02	• •	GK2R849	K			Brent Von	Canno	n 70						

3. Description of Work Accomplished  (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
nspected installation of Shadin Digiflo-L digital fuel flow indicating system in accordance with STC SE 444GL and installation instructions. Neight and balance and equipment list revised. Instructions for continued airworthiness provided to owner at this time.
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garante de la companya de la company La companya de la co
Additional Sheets Are Attached

Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

SWESDOROS

and disposition	ONS: Print or type a ion of this form. This h violation (Section 9	s repor	rt is required t	bv law (49 l	U.S.C	\ppend 2. 1421	dix B, and A(	C 43.9-1 (correport ca	or subsequent re in result in a civil	visio pena	n the	reof) for of to exc	instr eed :	uctions \$1,000	
	Make Beech							Model A-36							
1. Aircraft	Serial No. E-1617						Nationality and Registration Mark N81RJ								
2. Owner	Name (As shown B & D Bonan			ificate)			Address (As shown on registration certificate) 98 Heathrow LN								
				<del></del>	<del></del> :	2 501	· FAA Use C		Land TX, 774	189 ——				<del></del>	,
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A. Agency's Nan	me and Address				1		formity Star	tement		To	<u> </u>	A/O cutiqate	No.	UNIT B UNIT C	
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Hanger 3E. Houston TX		_		· - <del></del>	⊠ □	Certif	fied Repair S			_\t	_imit	ted Air	fran	ne	
D. I certify that have been	at the repair and/or a n made in accordanc true and correct to th	ce with	h the requirem	nents of Pa								formation	on fui	rnished	
Date 11/21/02						`	ature of Auth		dividual	7	/_	BRA	zm+	Von Ca	vnov
					7. Ap		I for Return		ce		<del></del>				
i i	e authority given per of the Federal Aviati		•	κ	_	tified in PROVE	_	inspected	I in the manner p	rescr	ribed	by the			
tns	A Fit Standards spector		Manufacture	r		Inspe	ection Autho	rization .		Oth	er (S	pecify)			
BY FA	A Designee	Х	Repair Statio	л <sup></sup>			on Approved ada Airworth							** * * * * * * * * * * * * * * * * * *	
Date of Approval 11/21/02	or Rejection	Desi	ificate or ignation No. 2 2R849K	***		Signa	ature of Auth	norized Ind	dividual	·	4	BR	ent	y Von Ca	NNON

8. Description of Work Accomplished			
(If more space is required, attach additional sheets.	Identify with aircraft nationality a	nd registration mark and date work cor	npleted.)
Inspected installation of Beryl D' Shannon Aviatino spe- installation instructions. Weight, balance and equipmer	it list, revised, instructions for con	tinued airworthiness provided to owner	at this time.
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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 a 15

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and disposition	ONS: Print or type all on of this form. This re violation (Section 90)	eport is required by	law (49 U.S	Ap i.C.	pendix B, and A( 1421). Failure to	C 43.9-1 (c report ca	or subsequent revision result in a civil pen	on thereof) for instr ally not to exceed	ructions , \$1,000	in a G
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	Name (As shown o			_		N81RJ Address	(As shown on regist	ration certificate)		
2. Owner	B and D Bonar	nza Airlines Ind	<b>:</b> .				ithrow Ln Land, TX, 7747	, 9		
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A. Agency's Na					nd of Agency		<u> </u>	C Certificate No	SPM	
Calkins Aero 18000 Groes				_	U.S. Certified M Foreign Certified		ir.	GK2R849K		
Hanger 3E.	GIRE Nu.				Certified Repair	***		l		
Houston TX	77084				Manufacturer			Limited Airfra	me	
have bee	at the repair and/or alt n made in accordance true and correct to the	with the requirem	ents of Part 4	ntifie 43 o	d in item 4 above f the U.S. Federa	and desc A Aviation	cribed on the reverse Regulations and the	e or attachments he at the information f	ereto umished	21 2 1994
Date	14 200	17			Signature of Aut	,	dividual 1 annon	B. A.J.		
100-	11 000				proval for Retur			DNICE	,	
	e authority given pers of the Federal Aviatio		w, the unit ide	enti	fied in item 4 was		d in the manner pres	scribed by the		
\	A Fit Standards spector	Manufacture	· · · · · · · · · · · · · · · · · · ·	-	Inspection Author	orization	,	ther (Specify)		
BY F/	A Designee	X Repair Statio	n		Person Approve Canada Airwort				1	
Date of Approva	or Rejection  FOOZ	Certificate or Designation No. GK2R849K			Signature of Au Brewh	thorized in	dividual : anhon	Bullo		

8. Description of Work Accomplished		·	<del></del>	<del>- `</del> _			<u> </u>
(If more space is required, attach additional sheets.	Identify with a	aircraft nationali	ty and reg	istration mark	and date wo	ork completed	d.) -
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equipment list, weight and balance revised, instructions	s for continued	airworthiness p	rovided to	owner at this	time.	instructions,	٠.
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	Additional S	heets Are Attached			1000		

U.S Department of Transportation

### MAJOR REPAIR AND ALTERATION ame. Powerplant. Propeller, or Appliance)

Form Approved OMB No. 2120-0020	
For FAA U	se Only
Office Ident	ification

reportation deral Aviation	•	iaile, row					54209		m
INSTRUCTION	ONS: Print or type all en ion of this form. This re th violation (Section 901			3 Appendix B S.C. 1421).	, and AC 43.9-1 ( Failure to report o	or subsequent re an result in a civi	vision thereof) for instru I penalty not to exceed	ctions \$1,000	
for each suc		T COCI MIT TO TO THE			Model				
	Make Beechcraft				A 36				
Aircraft	Serial No.				National USA N	ity and Registration	on Mark		
	E-1617		Facto)				gistration certificate)		
Owner	Name (As shown on B & D Bonanza	Airlines Inc.	ikale)		98 He	athrow Lane Land TX 774			
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18000 Gro	ircraft service inc. beschke RD. Hand			☐ Forei	gn Certified Mech ied Repair Station facturer	nanic 1	2218906		
	y that the repair and/or a peen made in accordant is true and correct to the			identified in it art 43 of the	1		reverse or attachments and that the information	hereto n furnished	
Date April 12, 2				Sign	HXILLY				
	·			7. Approve	Lor Return to S	ervice	* * * * * * * * * * * * * * * * * * *		
Pursuant	to the authority given pe ator of the Federal Avia	rsons specified b	elow, the u	nit identified i	n item 4 was itsp rED REJEC	ected in the mani CTED	ner prescribed by the		
70.1911301	FAA Fit Standards inspector	Manufacti		X Insp	ection Authorizati	on	Other (Specify)		
ВУ	FAA Designee	Repair St	ation	Can	son Approved by T ada Airworthiness	G G bup			
Date of App April 12,	roval or Rejection 2002	Certificate or Designation No 2218906	).	Sign	nature of Authoriza	ed Individual			

escription of Work Accomplished f more space is required, attach additional sheets. It	lentify with aircraft nationality and registration mark and	date work completed.)
=101	and Description Installation instructions and STC SA3680	CH. END.
illation of cooling air baffles in accordance with D'Sha	nnon Products Installation instructions and STC SA3680	
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•	Additional Sheets Are Attached	U.S.GPO:1989-0-663-1

### DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

# MAJOR REPAIR AND ALTERATION

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

	(Airfran	ne,	Powerplant, Pr	rope	iller, or Applian	ice)	1 .	OU-FSDO		
INSTRUCT	FIONS: Print ions and disp	or t	ype all entries. See	FAR	R 43.9, FAR 43 App	endix B, and				hereof)
	MAKE BEE	CHCF	RAFT			MODEL A-3	6			
1. AIRCRAFT	i	SERIAL NO.				1	LITY AND REGIS	STRATION M	ARK	
	E-1617 NAME (As shown on registration certificate)					ADDRESS (	1RJ (As shown on reg	i-t-otion carti	C-nta)	
2. OWNER			YZA AIRLINES, INC		!	98 1	HEATHROW LN.		•	
					3. FOR FAA USE ON		AR LAND, TEXA	S //4/9-20.	17	
			4. UN	IIT ID	DENTIFICATION		·		5. 1	TYPE
UNIT . WAKE			MKE	_	. MODEL		SERIAL	но.	REPAIR	ALTER-
AIRFRAME	**	10001	······································	(As de	escribed in item 1 abo	ov <del>o</del> )******		**		xx
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IUPIDALL	, TEXAS 7737	5			CERTIFICATED REI	PAIR STATION		-	-	
attachmen	nts hereto hav	ve be	en made in accorda	ince w	the unit(s) identife with the requirement and correct to the be	ts of Part 4	i3 of the U.S. F	lescribed on ederal Aviati	the rever	rse or ations
DATE					SIGNATURE OF A	UTHORIZED	INDIVIDUAL	•		
	28 NOVEMBER	200			C.G. HENRY	SH	ewy	/		
					YAL FOR RETURN TO		/		•	
Pursuant to t	he authority grator of the F	given edera	n persons specified b al Aviation Administ	ration	the unit identified and is X APPRO	in item 4 v	was inspected in REJECTED	the manner	prescribe	d by
	FLT. STANDARDS		MANUFACTURER	х	INSPECTION AUTHORIZA	ATION	OTHER (Specify)			
FAA	DESIGNEE		REPAIR STATION		OF TRANSPORT INSPEC OF AIRCRAFT	TOR				
ATE OF APPR EJECTION	OVAL OR	-	CERTIFICATE OR DESIGNATION NO		SIGNATURE OF AL				<del></del>	
28 NOVEMBER	₹ 2001	1	498437 IA		C.G. HENRY	SIA-	Dura	•		

C.G. HENRY (

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

The below listed items were re-upholstered by **BRIMKER INTERIOR & TRIM**, Hangar Y-19, 18000 Groschke Rd., Houston, Texas 77084, in the manner of upholstering used by the Aircraft Manufacturer, except for the materials used. The patterns are from the original Cabin and Baggage Area Floor Carpet Panels, Cabin Side Panels, Headliner and 2 Pilot and 4 Passenger

Cabin and Baggage Floor Carpet Panels (Carpet), Cabin Side Panels (Vinyl upper and middle, Carpet bottom), Headliner (Columbia Vinyl), and 2 Pilot Seats and 4 Passenger Seats (Vinyl).

2. The following materials were used: CARPET — AZ 3549/733 From Douglass Interior Products.

VINYL — Columbia CD286 Hurricane from Douglass Interior Products.

VINYL -- Eclipse Cafe from G.B. Steeves.

3. Three specimens of the **CARPET** material **PASSED** the horizontal burn test in accordance with FAR 23.853(a) and CAR 3.888(a) by Julian W. Staggs, DER 50-471 (Report # AZ3549/733).

DERY-511100-CE (Report OSS601).

JA:CFR part S5.853(a) Appendix F Part I (a)(1)(ii) (Amendment S5-83) by David D. McKnight,

Three specimens of the ECLIPSE VINTL material PASSED vertical burn test in accordance with FAR 25.853(a) Appendix F Part I (a)(1)(ii) and FAR 23,853(a) Appendix F (d)(3)(ii) by

Herb Reed II, DER KC-655 (Report 5364).

4. No significant weight change was made.

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DDDITIONAL SHEETS ARE ATTACHED

# MOHAWK COMMERCIAL CARPET

Landrum MIII/P.O. Box 459/Landrum, S.C. 29358/(803) 457-3391-

AIRCRAFT CARPET	CERTIF	ICATION REPORT:		[	ATE: 02/25/94	
ICUSTOMER:	กักบริ	LASS INTERIOR PRO	OUCTS .	İ	ATTENTION:	· · · · · · · · · · · · · · · · · · ·
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GRADS.	AZ354	9				
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See Allached FAA	Form 91	10-3 for FAA DER SO	#. ·	-		······································

ulan W. Stagger uality Assurance Manager

STATEMENT OF COMP	1	CEPARTMENT OF TRA EDERAL AVAITON ADM HCE WITH THE	UNISTRATION		ATIONS	DATE 02/25/94
		AIRCRAFT OR	UNCRAFT	COMPONENT IDENTI	FICATION	
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PURPOSE OF DATA		o certify flash and I the above carps	l flame resis L	tance (15 second Ho	rizontal Bun	
REPUISA SUBSCILENT	*	AR 23.853(8)				
requirements of the Federal	ol ve b	the Federal Aviation of the Federal need in action of the Federal need in the Federal Aviation of the Federal Aviation	on Regulation cordance wi	ms, data listed above	and on atta	th conditions and limitations ched sheets numbered ad to comply with applicable
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Julian !!		ares	· · · ·	SO-471		mmability Only
Julian W. Stagga	ب					
-			• •			

Record No: 1198



Mooresville , NC 28115 (704)663-4159 Fax 663-7904

Tested For: Douglass Interior Products

Test Date: Feb 26, 2001.

Inv/PO No: N/A

Test Report: 022601

· P/N: CD286

Pattern: COLUMBIA

Color: HURRICANE

D/L No: 14522

### TWELVE SECOND VERTICAL FLAMMABILITY TEST RESULTS

14 CFR 25.853 (a) Appendix F Part I (a) (1) (ii) (Amendment 25-83)

ſ	SELF-EXTINGUISH TIME (seconds)	BURN LENGTH (inches)	EXTINGUISH TIME (seconds)
Ī	1.50	2.40	0.00
Ī	1.20	2.30	0.00
ſ	1.70	1.30	0.00
Average:	<u>1.47</u>	<u>2.00</u>	<u>0.00</u>
	·		
Ī			
Average:			
Max:	15.0	8.0	5.0

TESTED BY: B. Whillow

Passed: 🔀

Failed:

STATEMENT OF COME	U.S. DEPARTMENT OF THE FEDERAL AVIATION ALE PLIANCE WITH THE	FEDERAL A	VIATION REGUI	_ATIONS	DATE February 26, 2001
	AIRCRAFT OR	AIRCRAFT CO	MPONENT IDENTIFIC	CATION	
MAKE NOT APPLICABLE	MODEL NO. NOT APPLICABLE	TYPE (Airplane, NOT APPL	Radio, Helicopter, etc.) ICABLE	NAME OF	APPLICANT DM PRODUCTS INC
		LIST OF			
IDENTIFICATION			TITLE TITLE		
TEST REPORT NO.	TEST REPORT	-	tu niu iki le		
022601		•	-	•	٠
DATED: 02/26/2001	12 SECOND VERT PRODUCTS TEST	TICAL BURN PROCEDUI	TEST RESULTS RE # 1 APPROVE	ON RAW M D 9/20/84	MATERIAL PER CUSTOM
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PURPOSE OF DATA TO	COMPLY WITH 14 C	FR part 25.8	53(a) PART I (a) (	l) (ii) OF Al	PPENDIX (F) FOR
MATERIAL FOR AIRLIN	4E COSTOMETO.				
APPLICABLE REQUIREMENTS (14 CFR part 25.853(a)	(List specific sections) Appendix F Part I (a)	(1) (ii) (AME	NDMENT 25-83)		· •.
under Part 183 of the Federal in accordance with establish	authority vested by directional Aviation Regulations, dated and found to commend approval of these	comply with app	strator and in accordan id on attached sheets n licable requirements of	nce with conditional conditions of the federal Av	tions and limitations of appointment AS ABOVE have been examined viation Regulations.
I (We) Therefore App	prove these data		 ^		
SIGNATURE(S) OF DESIGNATE	ED ENGINEERING REPRESE	NTATIVE(S)	DESIGNATION NUMBER		ASSIFICATION(S) tructures- Flammability only
De Dorts	David I	D. McKnight	DEIXILOGIC TOO C		

STATEM	MENT OF CO	FEDERAL	TMENT OF TRANSPO AVIATION ADMINIS WITH THE FEDI	ORTATION TRATION ERAL AVIATION R	REGULATION	DATE	01/21/99
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IDENTIF	ICATION	;	The same of the sa				A
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RPOSE OF DATA	DEMONS	TRATION C	OF COMPLIAN	ICE WITH FAR	MATERIAL		
LICABLE REQU	JIREMENTS (List	t specific sections					
FAR 25	.853 (a) APP	ENDIX F PAR	T 1/2//4//::\				
FAR 23,	.853 (a) APPE	ENDIX F (d)(3)(	(ii)	•			
12 SEC	OND VERTIC	AL BURN TÉ	ST				
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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

	·									3VV-1-	2DO-09	I ZM
11120	iucions and	disposition of this	II entries. See FAR s form. This report ation (Section 901	is require	ed by	law (49 U.S.C. 14	AC 43 21). I	3.9-1 (or s Failure to	uheaguant m	vicion t	horoof) for	
1. Aircraft		Make Raytheon					Model A36					
		Serial No. E-1617					Nationality and Registration Mark USA N81RJ					
2.	Owner	Name (As shown	Address (As shown on registration certificate)									
		B&D Bonanza Airlines				98 Heathrow Ln Sugarland, Tx 77479						
				;	3. Fo	or FAA Use Only						
						•						
	······································											
4. Unit Identif					ifica	ication				5. Type		
Unit		Make				Model Serial No			Serial No.		Repair	Alteration
AIRFRAME		(As described in item 1 a					) ~~~					x
POWERPLANT												
PRO	PELLER											
APPLIANCE		Type Manufacturer						•				
				<u> </u>								
A. A	gency's Nar	ne and Address		6.	Cont	formity Statemen						
A. Agency's Name and Address  David Glueck					$\dashv$	B. Kind of Agency  X U.S. Certificated Mechanic				C. Certificate No.		
603	McKeever	<u>†</u>								A&P1796394		
Arco	la, Tx 77583					Foreign Certificated Mechanic  Certificated Repair Station						
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	ase pecitiii	auc ili accoluanc	Ilteration made to the with the requirement to the best of I	PRIS OT P	an a ·	KATTHA IIS EARL	ve an	d describ iation Re	ed on the rev gulations and	erse or a	attachments i information	nereto
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4/12/0		· · · · · · · · · · · · · · · · · · ·			David	Glueck I for Return To Se	buch		rest		<u> </u>	
-	Pursuant to	the authority give	en persons specifie	d below	the u	ınit identified in ite	m 4 w		ted in the m	anner pi	rescribed by t	he
	FAAF	dministrator of the Federal Aviation Administration and FAA Fit. Standards   Manufacturer			is X	X APPRO	X APPROVED REJECT Inspection Authorization Other (S)			D		
BY		Designee Designee	Repair Station			Person Appoved I Canada Airworthir			1	-,		
Date o	f Approval c		Certificate or Des		No	<del> </del>			  c		1	
4/12/0	• •		1796304 IA	əigi idüÜN	140.	Signature of Auti	Authorized Individual					-

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 Rapco Inc., STC SA4392WP, Standby Gyro Pressure System. All work done as per STC instructions and good Maint. Practices set forth in A.C. 43.13-1,-2. Weight and balance revised, Flight Manual Supplement and Equipment list revised.										
**************************************										
·										
T-Additional Sheets Are Attached										

## Department of Transportation—Federal Aviation Administration

# Supplemental Type Certificate

Number SA4392WP

This certificate; issued to

Rapco, Incorporated 445 Cardinal Lane Hartland, WI

cortifies that the change in the type design for the following product with the limitations and conditions

therefor as specified hereon meets the airworthiness requirements of Part 3

of the Civil Air

Regulations. See Aircraft Specification No. 3A15 for complete certification basis.

Original Product - Type Certificate Number:

Make:

Beech

Model: H35, J35, K35, M35, 35-33, N35, 35-A33, 35-B33, P35, S35,35-C33,E33,F33,V35,V35A,V35B\35-C33A,E33A,

Description of Type Lesign Change: E33C,36,A36,F33A,F33C,G33,A36TC,B36,B36TC Installation of standby pressure system, standby vacuum system or standby electrical system in accordance with Rapco, Inc.

(a) Drawing List Report No. 1, dated November 25, 1981, or other FAA Approved revision, or

(b) Drawing List Report No. 2, dated February 6, 1984, or other FAA Approved revision.

fimilations and bondition Installation of the standby electrical system is eligible only on aircraft previously modified by the installation of Beech Kit No. 35-3012.

Rapco, Inc. FAA Approved Airplane Flight Manual Supplement amended June 23, 1986, or other FAA Approved revision is required. The approval of this change in type design applies to the basic aircraft of the specified models that are otherwise unmodified. (Cont. on Page 3)

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

Date of application: June 15, 1981

Dale of issuance: January 22, 1982

Sale rissaed: August 23, 1985,

September 11, 1992 Tale annualed April 10, 1984, May 10, 1985

June 23, 1986
By direction of the Administrator

Donald P. Michai Sign Manager

Chicago Aircraft Certification <u>Office</u>

(Title)

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

### United States of America

Department of Transportation—Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number SA4392WP

Date of Issuance: January 22, 1982 Date Reissued: August 23, 1985, September 11, 1992

Date Amended: April 10, 1984, May 10, 1985, June 23, 1986

Limitations and Conditions (Cont.):

This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.

# PRODUCTION APPROVAL LISTING-SUPPLEMENT NO. 17 FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL RAPCO, INC.

	•	
Part Name & Number	Design Data & Approval Means	Eligibility
Parts and Assemblies listed in DL Report No. 1 and No. 2	FAA approved Lodi Energy Systems, Incorporated Drawing List Report No. 1 dated Nov. 25, 1981, and Report No. 2 dtd. Feb. 6, 1984, or later FAA sealed revision, approved under STC SA4392WP amended April 10, 1984 under Licensing Agreement between Lodi Energy Systems, Inc., and Rapco, Inc., dated January 18, 1985. Licensing Agreement expires May 1, 1990.	Beech H35, J35, K35, M35, 35-33, N35, 35-A33, 35-B33, P35, S35, 35-C33, E33, F33, V35, V35A, V35B, 35-C33A, E33A, E33C, 36, A36, F33A, F33C, G33, A36TC.
**		Installation of the standby electrical system is eligible only on aircraft previously modified by installation of Beech Kit No. 35-3012.
FAA APPROVED:	llantine, Manager	5/17/85
Manufactu District (	ring Inspection	(Date)

Minneapolis, MN 55450

US Department of Transportation
Federal Aviation

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

_	Form Appropriate
	Form Approved
	OMB No. 2120-0020
	For FAA Use Only
	Office Identification
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Federal Aviati	on'		rame, rowerp	aiii,	riopelier, or	Applianc	e)	Office Ide	entification	Only -
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and disposi	ition of this for chivion	or ty orm. (Sec	pe all entries. See FA This report is require tion 901 Federal Avia	R 43.9 ed by lation A	), FAR 43 Appendi; aw (49 U.S.C. 1421 Act of 1958).	B, and AC 4). Failure to	3.9-1 (or subseque report can result in	ent revision n a civil pen	thereof) for i alty not to ex	nstructions ceed \$1,000
	Make					Model				
1. Aircraft			hcraft				A36			
•	Serial No.					Nation	ality and Registrat	tion Mark		
		<u> 161</u>					N81RJ			
ł	Name (As	sho	vn on registration ce	ertifica	ate)	Addres	s (As shown on re	aistration	certificate)	
2. Owner	l R	ica	rdo, Brian Ma	ırk			98 Heath:	row LN.	oortmeater	
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	esignee	Х	Repair Station	$\perp$	Person Approved t Canada Airworthin	ess Group	1	,		
ate of Approval			Certificate or Designation No.		Signature of Auth		idual			
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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.

continued continued continued continued 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.)
THIS FORM 337 REMOVES THE RESTRICTIONS ON THE GARMIN GNS 430 COMMUNICATION/NAVIGATION SYSTEM INSTALLED ON WORK ORDER 9317 DATED SEPTEMBER 22,2000. FAA APPROVED FLIGHT MANUAL SUPPLEMENT DATED AND FORM 337 DATED OCTOBER 3, 2000 IS REQUIRED FOR THIS APPROVAL. FLIGHT DATA ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 9317 DEMONSTRATES THAT SYSTEM ACCURACY'S ARE WITHIN THE ALLOWABLE LIMITS PUBLISHED IN AC20-138 FOR IFR OPERATION INCLUDING BOTH ENROUTE AND NON-PRECISION APPROACH OPERATIONS. ************************************
·

☐ Additional Sheets Are Attached

THIS DOCUMENT IS TO BE ATTACHED TO FAA FORM DATED FOR THE AIRCRAFT LISTED

MAKE: BEECH MODEL: A36 S/N: E1617 REGISTRATION: N81RJ

THE INFORMATION CONTAINED IN THIS DOCUMENT PERTAINS TO THE CONTINUED MAINTENANCE FOR THE MAJOR ALTERATION AS DESCRIBED IN ITEM 2 BELOW.

2. DESCRIPTION:

INSTALLED A GARMIN 430 GPS/COM/NAV SYSTEM.

3. CONTROL AND OPERATING INFORMATION:

THIS EQUIPMENT SHOULD BE OPERATED IN ACCORDANCE WITH THE MANUFACTURERS OPERATING HAND BOOK.

4. SERVICING INFORMATION:

THIS EQUIPMENT IS NOT FIELD REPAIRABLE AND SHOULD BE RETURNED TO AN FAA APPROVED REPAIR FACILITY FOR SERVICE.

5. MAINTENANCE INSTRUCTIONS:

THIS EQUIPMENT IS NOT FIELD MAINTAINABLE AND SHOULD BE RETURNED TO AN FAA APPROVED REPAIR FACILITY FOR MAINTENANCE.

6. TROUBLE SHOOTING INFORMATION:

REFER TO THE EQUIPMENT OPERATING HANDBOOK FOR ANY TROUBLE SHOOTING SHOULD ANY MALFUNCTION OCCUR.

7. REMOVAL AND REPLACEMENT INFORMATION:

THIS EQUIPMENT IS NOT FIELD MAINTAINABLE AND SHOULD BE REMOVED FROM THE AIRCRAFT BY FAA APPROVED SERVICE PERSONNEL.

8. DIAGRAMS: N/A

9. SPECIAL INSPECTION REQUIREMENTS: N/A

10. APPLICATION OF PROTECTIVE TREATMENTS: N/A

11. DATA: N/A

12. LIST OF SPECIAL TOOLS: N/A

13. COMMUTER CATEGORY INFORMATION: N/A

14. RECOMMENDED OVERHAUL PERIODS:

THERE ARE NO RECOMMENDED OVERHAUL PERIODS.

15. AIRWORTHINESS LIMITATIONS:

NO ADDITIONAL AIRWORTHINESS LIMITATIONS.

16. REVISION

IN ORDER TO REVISE THIS ICA AN FAA FORM 337 AND A COPY OF THE REVISED ICA WILL BE SUBMITTED TO THE LOCAL FSDO FOR APPROVAL.

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 54 F5.00 09

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 (40.11.5.0.1401).

	Make	ction 901 Federal Avi			Model				<del></del> -
1. Aircraft	L					A36 ·			
	Serial No. E161	7		Nationality and Registration Mark N81RJ					
		own on registration ce		e)	Address	(As shown on reg	istration i	certificate)	<del></del> :
2. Owner		ardo, Brian Ma				98 Heathrow	LN.	ou incaie)	
	DBA	B&D Bonanza A:	irlin	es		Sugar Land,	TX 77	479	
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_ <u>-</u>	esignee X	Repair Station		Person Approved by Canada Airworthines	Transport s Group				
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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.

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

REMOVED COLLINS VHF-251 COM @ STATION 52, AND A VIR-351 NAV @ STATION 52. INSTALLED A GNS 430 @ STATION 52 AND INTERFACED WITH THE KFC 200 AUTOPILOT. THE INSTALLATION WAS PERFORMED IN-ACCORDANCE-WITH THE AC43.13-1B: CHAPTER 7 SEC 2,3,4 AND 11; CHAPTER 10, CHAPTER 11; AND CHAPTER 12: THE AC 43.13-2A; CHAPTER 2 AND CHAPTER 3: THE GARMIN 400 SERIES INSTALLATION MANUAL 190-00140-02 DATED OCTOBER 1999 REV F; AND AC 20-138.

A COMPLETE AND SATISFACTORY OPERATIONAL CHECK WAS PERFORMED ON ALL OF THE EQUIPMENT INSTALLED AND/OR EFFECTED BY THE INSTALLATION. ALL OF THE ABOVE MENTIONED OPERATIONALY CHECKED NORMAL. DETAILS OF THIS INSTALLATION CAN BE FOUND ON WO 9317 OF THIS REPAIR STATION.

THE AIRCRAFT WAS PLACARD AS "GPS FOR VFR USE ONLY"

☐ Additional Sheets Are Attached

THIS DOCUMENT IS TO BE ATTACHED TO FAA FORM DATED\_



FOR THE AIRCRAFT LISTED BELOW.

MAKE: BEECH MODEL: A36 S/N: E1617

REGISTRATION: N81RJ

THE INFORMATION CONTAINED IN THIS DOCUMENT PERTAINS TO THE CONTINUED MAINTENANCE FOR THE MAJOR ALTERATION AS DESCRIBED IN ITEM 2 BELOW. .

2. DESCRIPTION:

· 1 · 2

INSTALLED A GARMIN GNC 430 GPS SYSTEM.

3. CONTROL AND OPERATING INFORMATION:

THIS EQUIPMENT SHOULD BE OPERATED IN ACCORDANCE WITH THE MANUFACTURERS OPERATING HAND BOOK.

4. SERVICING INFORMATION:

THIS EQUIPMENT IS NOT FIELD REPAIRABLE AND SHOULD BE RETURNED TO AN FAA APPROVED REPAIR FACILITY FOR SERVICE.

5. MAINTENANCE INSTRUCTIONS:

THIS EQUIPMENT IS NOT FIELD MAINTAINABLE AND SHOULD BE RETURNED TO AN FAA APPROVED REPAIR FACILITY FOR MAINTENANCE.

6. TROUBLE SHOOTING INFORMATION:

REFER TO THE EQUIPMENT OPERATING HANDBOOK FOR ANY TROUBLE SHOOTING SHOULD ANY MALFUNCTION OCCUR.

N/A

7. REMOVAL AND REPLACEMENT INFORMATION:

THIS EQUIPMENT IS NOT FIELD MAINTAINABLE AND SHOULD BE REMOVED FROM THE AIRCRAFT BY FAA APPROVED SERVICE PERSONNEL.

8. DIAGRAMS: N/A

9. SPECIAL INSPECTION REQUIREMENTS:

10. APPLICATION OF PROTECTIVE TREATMENTS: N/A

11. DATA: N/A

12. LIST OF SPECIAL TOOLS: N/A

13. COMMUTER CATEGORY INFORMATION: N/A

14. RECOMMENDED OVERHAUL PERIODS:

THERE ARE NO RECOMMENDED OVERHAUL PERIODS.

15. AIRWORTHINESS LIMITATIONS:

NO ADDITIONAL AIRWORTHINESS LIMITATIONS.

16. REVISION

IN ORDER TO REVISE THIS ICA AN FAA FORM 337 AND A COPY OF THE REVISED ICA WILL BE SUBMITTED TO THE LOCAL FSDO FOR APPROVAL.

### 0

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 SW-FSDO-09

ALM

Administration	l							araaf) farins	tructions
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. Aircraft	Serial No.	, , , , , , , , , , , , , , , , , , , ,	^ ;	e is god. *	1/8	s shown on registi		etifinalā)	
	Name (As shown or	n registration certi	ficate)	· · · · · ·	Address (A	s snown on registi	alloll Co	Minoalo/	: Ne I
. Owner	SCOTT L	EE	•	in the sta	7006	CELTR STON IT	c 7	7069	
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D. I certi	ify that the repair and/o	or alteration made	nements	Ul I all To or the		and described on t Aviation Regulati	he rever ons and	se or a la Din	तिनिर्मास्ति ।
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Date	~ (1)			Signature of a	10)	2			20237
ll.	-5-96			proval for Retur	Sorvice	<u> </u>			
Pursuan	t to the authority give	en persons specif	ied helos	w the unit ident	ified in item	4 was inspected REJECTED	in the m	anner presc	ribed by the
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ву	Inspector			Person Approve	d by Transpo	rt		Tr	S. GLUECK
Date of An	FAA Designee proval or Rejection	Repair Station  Certificate or		Canada Airwork	hiness Group			7 12	WAS B
	:5-9/a	Designation No		Land	X / See	In-	•		1796394

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 addition	ional sheets. Identify with aircraft nationality an	nd registration mark and date work completed.)
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☐ Additional Sheets Are Attached

Department of Transportation — Sectoral Abiation Administration

## upplemental Type Certificate

Number SA5870NM

This certificate issued to

Space Machine Products 23880 Madison Street Turrance, CA 90505

certifies that the change in the type design for the following product with the timitations and conditions therefor as specified hereon meets the sirunthiness requirements of Part 3\* Civil Air of the Regulations \*See Aircraft Specification No. 3A15 for complete certification basis

Original Product - Type Certificate Number: 3115

Description of Type Design Change:

Make: Beech Aircraft Corporation

Meidel: 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, G33, F33A, F33C, 36, A36,

A36TC, B36TC Airplanes

Installation of Middle Rudder Hinge Bracket in accordance with Spacecraft Machine Products Master Drawing List SMP-101, Rev. N/C, dated November 9, 1992.

Limitations and Conditions: The approval of this installation does not relieve any AD requirements. This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this change and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the 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.

Dale of officiation: June 17, 1992

Sale wissurd .

Gale of issuance :

December 7, 1992

Sall winended:



(Signature) Manager, Airframe Branch Los Angeles Aircraft Certification Office

rection of the Administrate

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

This certificate may be transferred in accordance with FAR 21.47.

#### United States of America

### Department of Transportation — Federal Aviation Administration

### Supplemental Type Certificate

Number SA4899MM

· This certificate issued to Spacecraft Machine Products

cortifies that the change in the type design for the following product with the limitations and conditions therefor ad specified hereon meets the airworthiness requirements of Part 3\* of the Civil Nir

Regulations \* See Aircraft Specification No. 3A15 for complete Certification Basis

Original Product - Trype Certificate Number: 3115

Beech Mircraft Corporation .

Model: 35-33, 35-333, 35-333, 35-C33, 35-C33A, E33, E33A, E33C, F33, G33, F33A, F33C,

36, A36, A36TC, B36TC Airplanes

Description of Type Design Change: Installation of Upper Rudder Hinge Bracket in accordance with Spacecraft Machine Products Master Drawing List SMP-100, Rev. A, dated July 17, 1990.

#### Limitations and Conditions:

This STC does not relieve any AD requirements:

This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this change and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.

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

Date of application: April 16, 1990

Date reissued:

Date of issuance:

August 28, 1990

Date amended:



Bry direction of the Adjoinis frat

Manager, Los Angeles Aircraft Certification Office

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

FAA tow #110-2 [10-68]

This certificate may be transferred in accordance with FAR 21.47.

C	
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

***************************************	71	SU-V7 SAT-FSBO
and anapos	TIONS: Print or type all entries. See FAR 43.9, FAI ition of this form. This report is required by law (4 ich violation (Section 901 Federal Aviation Act o	R 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions
Aircraft	Make BEECH	Model - A36
AllClait	Serial No. E-1617	Nationality and Registration Mark

<u>N 81RJ</u> Name (As shown on registration certificate) Address (As shown on registration certificate) 2. Gwner LEE SCOTT DBA 14519 SANDALFOOT LN LEE AVIATION HOUSTON, TX 77095 3. For FAA Use Only

	T	4. Unit Identification		5. Type	
Unit	Make	Model	, Serial No.	Repair	Alteration
AIRFRAME	***************************************	As described in Item 1 above) 🕶	······		х
POWERPLANT	-				
PROPELLER					
ADDULANCE	Туре		-		
APPLIANCE	Manufacturer				

6. Conformity Statement A. Agency's Name and Address B. Kind of Agency C. Certificate No. PIPPEN/YORK FLYING MACHINE CO. U.S. Certificated Mechanic RADIO LIMITED MUNICIPAL AIRPORT Foreign Certificated Mechanic INSTRUMENT LIMITED PO BOX 159 XX Certificated Repair Station AIRFRAME LIMITED BURNET, TX 78611 Manufacturer FMZR327K

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

	iuiii	nanea nerem is true	anu	correct to the best	or my	knowledge.	•			
5-25-9T						Signature of Authorized Individual				
		· <del>-</del>				proval for Return To Service				
Pu Ad	rsua: mini:	nt to the authority of the Federa	give I Av	n persons specified iation Administratio	belov n and	w, the unit identified in item 4 is 反 APPROVED □ RE	was inspected in the manner prescribed by the JECTED			
BY		FAA Fit. Standards Inspector		Manufacturer		Inspection Authorization	Other (Specify)			
		FAA Designee	X	Repair Station		Person Approved by Transport Canada Airworthiness Group	·			
Date of Approval or Rejection  S-25-95  Certificate or Designation No. FMZR327K					-1	Signature of Authorized Individual				
CAA		227								

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.	<ul> <li>Description of Work Accomplish</li> </ul>	ed .	•			
	(If more space is required, attach	additional sheets.	. Identify with aircraft natio	nality and registration mark a	and date work completed.	)

- N 81RJ -

Date 5-25-95

Installed Insight Strikefinder System per manufacturer's installation manual 2000-10.

Component and system installation of this equipment listed on this 337 were accomplished in accordance with AC 43.13-2A, Chapters 1 and 2.

Aircraft structural and metal work were accomplished in accordance with AC 43.13-2A, Chapter 1 and AC 43.13-1A Chapter 2, Section 3. Aircraft hardware used was in accordance with AC 43.13-1A, Chapter 5, Section 1.

Electrical load, circuit protection and wire installation were accomplished in accordance with AC 43.13.1A, Chapter 11, Sections 2,3,4,5 and 6.

Antenna installation in accordance with manufacturer's instructions and AC 43.13-2A, Chapter 3.

The aircraft equipment list is revised to reflect these changes: weight and balance data was furnished and placed in aircraft records. The approved flight manual was updated as required.

A functional test of the installation described in this 337 was performed in accordance with FAR 23.1301 and FAR 23.1431. Operation was satisfactory and the installation did not adversely affect existing component and systems in the aircraft.

----END-----

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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.

4-20-92			N81RJ
1. Installed Graphic Engine with STC SA157NE.	Monitor System Mode	1 #GEM-602 in accord	ance
2. All work was done in accordated Sept. 1, 1982 and A	ordance with Insight	Instrument Corp Man	ual
3: Equipment list & weight &	Balance updated. END		
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CANADIAN DEPARTMENT
OF TRANSPORT INSPECTOR
OF AIRCRAFT.

SIGNATURE OF AUTHORIZED INDIVIDUAL

CERTIFICATE OR DESIGNATION NO. 455567879 2-3-82 . FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION

FAA DESIGNEE

DATE OF APPROVAL OR REJECTION

REPAIR STATION

BY

0052-025-8000 (8320)

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.)

REPLACE BELLY SKINS FROM FIREWALL TO STEP. REPLACE EXHAUST STACKS, AND ANTENNAE USING THE FOLLOWING NEW FARTS:

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WORK ACCOMPLISHED PER AC 43.13-1A CHAPTER 2 SECTION 3. WEIGHT AND BALANCE NOT AFFECTED.

ADDITIONAL SHEETS ARE ATTACHED

& U.S. GOVERNMENT PRINTING DEFICE : 1965 OF -- 761-76

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and that t	that the repair and/or alteration ma nts hereto have been made in accorda the information furnished herein is t	de to the	ne unit(s) identifi h the requirement correct to the be	ied in item s of Part 4 st of my kr	4 above and 3 of the U.S. I nowledge.	described on Federal Aviati	the rever on Regul	rse or ations
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1/15/			Steven E Las		the T	Andr	- 19 T.	
	7. /	APPROVA'	L FOR RETURN TO	SERVICE:				<del></del>
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1/15/86 FAA Form 337-(7-67)

DATE OF APPROVAL OR REJECTION

☆ U.S. Government Printing Office 1977—772-646/141

SIGNATURE OF AUTHORIZED INDIVIDUAL

Steven E Lasho

CERTIFICATE OR DESIGNATION NO.

CRS 3003

(8320)

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 Kollsman "Alticoder II" emcoding altimeter S/N 3262 TSO CIOb & C88 in conjunction with a Collins TDR-950 S/N 12065 TSO C74c class IA.

Installation was done in accordance with Kollsman and Collins installation instructions with reference to AC A3.13-1A & 2A.

Haximum operating altitude of encoder and altimeter is 20,000 ft.

Tested encoder up to 20,000 ft. as required by AC 43-9 appendix F, table 1.

Tested static system for leaks per FAR 91.170.

Revised equipment list and weight & balance.

ADDITIONAL SHEETS ARE ATTACHED