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	stration	ONS: Print or type a	all entri	ies. See FAR	43.9. FA	R 43 /	Appendix B. and	AC 43.9-1	(or subsequent revi	sion thereof) for inst	ructions	
and	l dispositi	on of this form. This h violation (Section 1	s repo	rt is required	by law (49) U.S.(C. 1421). Failure	e to report o	can result in a civit	penalty not to exceed	J \$1,000	
1. Aircı	raft	Make CESSNA						Model 172A				
T. AITCI	iart	Serial No. 47017						National N7417	ity and Registration T	n Mark		
2. Owi	ner	Name (As shown JOHN CLAR		gistration cert	tificate)			3713 \$	(As shown on regi 5. HILLS LN N, MN 55123-2	istration certificate) 2256		
		<u> </u>					3. For FAA Use	Only				
							4. Unit Identific	ation			5. Type	
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FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

++++++++++++++++++++++++++++++++++++++
Added Instructions for Continued Airworthiness (ICA) to aircraft maintenance records.
Update the aircraft weight and balance record.
Updated the aircraft equipment list.
Installed TSO - C114 rated belt assemblies at each pilot position. Lower torso belts (lap Belts) were installed reusing the manufacturers attachment points and hardware configuration. The shoulder belt aft attachments were created per STC SA02211CH; Drawings C1003002.1 and C1003002.2
and the statistion completed by reterrence to the Alpha Aviation inc. STC SA02211CH Installation Manual; C10040010, Rev C, Dated 5/15/2006
HD11220A2 - JT2, oni notisiva endla 194, motison at each pilot position; Per Alpha Aviation inc., STC - SA02211
TT147N - A7017, FAA - N2 ,7251 AN223
0102/010 E 3/20/2010
8. Description of Work Accomplished (If more spece is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

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171-568-0-6891:OPD.2.U

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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.)

The Skytronics Incorperated Jasco Alternator, Model 6560T, 12 volt 50 amp charging system was installed in accordance with the Skytronic installation instructions and STC No. SA971WE.

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Additional Sheets Are Attached	
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BY		FAAI	Designee	x	Repair Station		Person Approved by Canada Airworthine		<u> </u>	h			
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Form 337

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 aircraft nationality and registration mark and date work completed.)

INSTALLATION OF P/N CO-300-1 OIL FILTER ADAPTER WITH SPIN ON FILTER IN ACCORDANCE WITH FLOYD JONES STC # SE8409SW. END



Γ Additional Sheets Are Attached

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EY	Inspect									**		
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	6-6	-03		RJWR390K						RIC	CHARD WAHL	MAN

FAA Form 337 (12-88) (a copy 9-3-97)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alternation must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Account (If more space is required, attach of	mplished additional sheets. Identify wi	th aircraft nationality	and registration mar	k and date work completed)
Installed a PS Engineering PI	DC-7100 CD player (T	'SO-C50c).		
The PDC-7100 was mounted i existing PS Engineering PM-3		g the supplied m	ounting tray. Th	e PCD-7100 was interfaced with the
This installation is in accorda 11-49, 11-50, 11-66, 11-67, &				43.13-1B, paragraphs 11-37, 11-47, 11-48,
A post installation ground test found to operate normally.	t wasperformed in ac FALA SE SE	cordance with th	i chiradh i	s installation manual and the system was
The continuous electrical load	l does not exceed 80%	of the rated alte	ernator capacity.	·
Continued airworthiness inst	ructions: Refer to atta	iched sheet.	. *	
The aircraft weight & balanc	e, equipment list and l			
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	XA	dditional Sheets A	Are Attached	

Sheet 2. FAA Form 337. Cessna 172. S/N 47017. N7417T.

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	S/N 47017. N7417T.
	Date: 6-6-03
	Instructions for Continued Airworthiness:
	1. Introduction: See sheet 1.
	2. Description: See sheet 1.
	3. Control, Operation Information: Operation of the equipment listed on sheet 1 is described in their respective operating guides.
	4. Servicing Information: N/A.
	-5 Maintenance-Instructions: Maintenance of-the equipment-listed-on-sheet-1-ison condition" onlyPeriodic-maintenance
	6. Trouble Shooting Information: Trouble shooting this equipment should only be accomplished by an appropriately rated, FAA approved individual or facility.
	7. Removal and Replacement Information: All components listed on sheet 1 can be removed and replaced with common tools and practices.
	8. Diagrams: N/A.
	9. Special Inspection Requirements: N/A.
	10. Application of Protective Treatments: N/A.
	11. Data Relative to Structural Fasteners: N/A.
	12. List of Special Tools: N/A.
	13. For Commuter Category Aircraft: N/A.
	14. Recommended Overhaul Periods: N/A.
	15. Airworthiness Limitation Section: N/A.
	16. Revisions: N/A.
	END
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				AND ALTERATION				FAA Use C	Dniv
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INSTRUCTIC and disposition	ONS: Print or type all on of this form. This r	eport is required by la	aw (49 L	43 Appendix B, and J.S.C.1421). Failure	AC 43.9-1 (or to report can r	subsequent result in a civil	evision thereof penalty not to	f) for instructi exceed \$1,00	ons 10
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RICE LAKE,				Certificated Rep Manufacturer					
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Date	ember 11, 14	29.9		Signature of Authoriz	ed Individual				
l '	1	7	. App	roval for Return	To Service				
Pursuant to th Administrato	ne authority given pers r of the Federal Avia	ons specified below,	the unit	dentified in item 4 was	as inspected i	REJECTED		the	
	A Flt. Standards spector	Manufacturer	Y	Inspection Authoriza		Other (Spec	ify)		
FA	A Designee	Repair Station		Person Approved by Canada Airworthines	s Group				
Date of Approv	val or Rejection	Certificate or Designation No. 4695866751A		Signature of Authoriz	K I				
FAA Form 337			7						

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.)

N7417T

Removed King KX145/KI205 and associated wiring.

Installed ICOM A200 communication radio, s/n 020745, per manufacturers installation instructions - A-5183H-2EX. Used existing communication antenna. Radio was installed in left lower side of instrument panel. PS Engineering PM3000 model #11931, s/n GA-01880. Unit was installed below communication radio per manufacturer installation manual #200-193-0002 Rev. 2, Feb. 1999 with approval under TSO C50c. Interfaced to aircraft communication radio with passenger 2 & 3 jacks mounted on rear door post, using external jack mounts. Ground check was performed on above systems with no problems were found.

Above installed equipment also complies with acceptable methods, techniques, and practices of AC 43.13-1A, Chapter 11 Section 2 paragraphs 424,425,428 and 429; Section 7 paragraphs 514-519. AC43.13-2A Chapter 1 paragraphs 1-12; Chapter 2 paragraphs 21-27.

Weight and balance has been updated per AC43.13-1A, Chapter 13, and paragraphs 659-663. An electrical load analysis was performed in accordance with AC43.13-1A, Chapter 11, paragraph 428, and determined that the total load does not exceed 80% of the total rated alternator capacity.

Per FAR 23.1529 and Order #8300.10 see above references and the operation/installation manuals. The ICOM A200 and PM3000 is considered an " on condition" maintenance item.

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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.)

N7417T April 22, 1999

King KT76A Transponder, s/n 121515. Unit was installed per manufacturer installation manual #006-00143-0005 Rev. 5, Feb. 1994. Unit was installed below Narco ADF and antenna, AV22, was installed on the bottom of aircraft forward of main landing gear.

Ameriking AK350 Encoder, s/n 3527801. Unit was installed per manufacturer installation Document No. IM-3501001. Unit was mounted on bottom of glovebox and wired to King KT76A.

Above installed equipment also complies with acceptable methods, techniques, and practices of AC 43.13-1B, Chapter 11 Section 2 paragraphs 424,425,428 and 429; Section 7 paragraphs 514-519. AC43.13-2A Chapter 1 paragraphs 1-12; Chapter 2 paragraphs 21-27.

Chapter 2 paragraphs 21-27.

An electrical load analysis was performed in accordance with AC43.13-1A Chapter 11, paragraph 428 and determined that the total load does not exceed 80% of the total rated alternator capacity.

The Transponder has been tested per ATC Transponder test and inspection required by FAR Section 91.413(a), and the Automatic Pressure Altitude Reporting/Transponder system integration test and inspection required by FAR 91.413(b) has been performed by a properly rated FAA Repair Station and appropriate entries have been made in the aircraft log book.

Per FAR 23.1529 see the above installation/operation manuals for the KT76A/AK350

Additional Sheets Are Attached

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FAA Form 337 (12-88)

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FAA MIRCRAFT REGISTRY CAMERA NO. 3 DATE: 10-1

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	AIRWORTHINESS CLASSIFICATION (Case opporting data of a permit operation of the aircraft in the following air- It is Terriorted Limit the Certificate of Airworthiness be issued to permit operation of the aircraft in the following air- worthiness classification(s): : :::::::::::::::::::::::::::::::::
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	Cessna 172A 47017 d ENGINE MAKE Continental 0-300-C
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INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning.

8. DESCRIPTION OF WORK ACCOMPLISHED.

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Installed Narco ADP - 29 Radio in space in instrument panel provided by Gessma for this size radio. Radio case fastened aluminum angles $3/4^{10}$ x .0.0 in instrument penel provided by Gessma. used 4 3/8 # 7 Parker Kaylon sheet metal screws and Tinnerman muts to secure radio case. Loop installed on bottom of fuselage with 7 1/2 x # 7 Parker Kaylon sheet metal screws and Tinnerman muts. Wireing harness supplied by Marco. 5 amp fuse used. Radio installed in accordance to Narco and CAM 18.30-22

Installed Grimes Rotating Navigation Light # 8 7080-1 in mount # 0531007-3 on top of vertical fin, mount furnished by Cessna. Installed in accordance to figure 93 page 180 in Cessna 172 - 175 parts catalogue and CAM 18.30-12 Used Cessna switch, 10 amp. fuse and # 16 stranded wire.

Compass compensated, no corrections needed.

Electrical load: With Narco Superhomer, Narco ADF=29, navigation lights, panel lights and Grimes Rotation Warning light turned om and generator light off the running load is 24.6 amps. with 20 amp. generator and 80% of 20 amps. =16 amps.

Airplane ADF in case	E.W.	1228.5 5.25	+ 37.18 + 11.25	49993033
Loop Rotating 11	zht	2.5	+ 133.5 + 226.0	333-75 565-0 50951-44

HONGLY VY *If additional space is needed attach additional sheets bearing aircraft nationality short preference wark and date work completed. Check block if additional sheets are attached.

New empty weight C.G. -38.05"

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Form FAA-887 (4-52)

Static load anxwards test on radio, up 16 pounds. forward 48 pounds, sideways \$ pounds, down 33 pounds.

Static load test on radio loop, up 8 pounds, forward 24 pounds, sideways 7 poundw down 33 pounds.

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INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED. م الحالية بالمحمد المحافي

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U.S. GOVERNMENT PRINTING OFFICE 1960-O-538224 Form FAA-887 (4-52) ر بر المحمد المالي و الرائد المحمد المحمد الم

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