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and that	the information for	urnished herein is	true and	COTTECT to the bes	t or my K	nowleage.			
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FAA Form 337 (12-88)

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	is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed
	BROWN TAKENDARY AND THE STATE OF THE STATE O
I. I	nstalled the following items:
	A. Narco AT 150 transponder, s/n 38488.
	B. Narco AR 850 blind encoder, s/n-82257.
	C. II Morrow Model 800 loran C, s/n 78428.
II.	A. Installed Item All and A 3 in the date drough decorned del
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	B. Installed Item A 2 on the ton of the clove has
	C. Item A 1 was installed per the installation manual provided by the manufacturer Narco-Part Number 03606-0600.
	D. Item A 2 was installed per the installation manual provided by the
•	manufacturer Narco Part Number 03753-620.
	E. Item A 3 was installed per the installation manual provided by the
	manufacturer II Morrow par number 560-007
1	F. All work was completed in accordance with AC 43.13 Chapter TA and TTA
	s. The instrument panel was placarded "Loran for VFR flights only"
	t. The transponder was certified in accordance with Part 43 Appendix P
	. The altimeter was certified in accordance with Part 43 Appendix R
,	1. The static system was certified in accordance with Part 43 Appendix P
ķ	A correspondence test was completed in accordance with Part 43 Append
1	E and F.
1	All required entries were made in the aircraft paperwork.
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DATE OF APP REJECTION APRIL	12, 1991	CERTIFICATE OR DESIGNATION N 464139686		SIGNATURE OF	AUTHORIZED		gland open	41,4	Jon L
FAA Form 3	37 (7-67)							(8	320)

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DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attac craft nationality and registration mark and date work complete	ch additional sheets: Identify with aired.)
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United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SABOIGE

This cortificate, issued to EAA Aviation Foundation, Inc. Wittman Airfield Oshkosh, Wisconsin 54903-3065

sortifies 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 Fart 3 of the Civil Air

Regulations. (See Type Certificate Data Sheet 3A12 for complete certification basis.) Original Product - Trype Cortificate Number:

Make: Cessna Aircraft Company

Model: 1721, K, L, M

Description of Type Design Change.

Modify airplane to fly on unleaded automotive gasoline, 87 minimum antiknock index, per ASTM Specification D-439 of any Volatility Class, A through E. Supplemental Type Certificate SE800GL approves unleaded automotive gasoline, 87 minimum antiknock index, per ASTM Specification D-439 of any Volatility Class, A through E for certain Avco Lycoming engines.

Limitations and Conditions: 1. Airplane Flight Manual Supplement dated July 30, 1984, or subsequent FAA approved revision is required. 2. FAR 43 combined with the Airplane Flight Manual Supplement is adequate to ensure continued airworthiness of this model modification. 3. This approval should not be extended to other aircraft of this model 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 in the basis for approval shall romain in effect until sur-

vendored; suspended; rowhed; or a termination date is otherwise established by the Administrator of the Federal Aviation Administration:

Diale of application: November 9, 1983

July 30, 1984

Date reissued:

September 16, 1988 the Adfrinistrator

W. F. Horn

Managér, Chicago Aircraft

Gentification Office, ACT-1160

Central Region_

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RECEIVED FAA Form Approved Budget Bureau No. 04-R060.1 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION APR 17 1991 FOR FAA USE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance) FSD0 SO FSD0-03 INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Applastaville ad language for subsequent revision thereof) for instructions and disposition of this form. MODEL 172K CESSNA NATIONALITY AND REGISTRATION MARK U.S.A. N84659 1. AIRCRAFT SERIAL NO. 17258566 ADDRESS (As shown on registrátion certificate) NAME (As shown on registration certificate) RT1 ZIONVILLE, NC RICH MOUNTAIN ENTERPRISES 2. ÓWNER 3. FOR FAA USE ONLY 5. TYPE 4. UNIT IDENTIFICATION ALTER-SERIAL NO. MAKE UNIT AIRFRAME XXL-26034-27A POWERPLANT 0-320-E2D LYCOMING PROPELLER APPLIANCE MANUFACTURES CONFORMITY STATEMENT C. CERTIFICATE NO. B. KIND OF AGENCY A. AGENCY'S NAME AND ADDRESS U.S. CERTIFICATED MECHANIC THOMAS M. ANSELMAN 464139686 FOREIGN CERTIFICATED MECHANIC RT2 BOX 286H CERTIFICATED REPAIR STATION LIMESTONE, TN. 37681 MANUFACTURER D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. SIGNATURE OF AUTHORIZED INDIVIDUAL APRIL, 12 1991 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED FAA FLT. STANDARDS INSPECTION AUTHORIZATION MANUFACTURER .. -X-CANADIAN DEPARTMENT

OF TRANSPORT INSPECTOR OF AIRCRAFT

SIGNATURE OF AUTHORIZED INDIVIDUAL

REPAIR STATION

CERTIFICATE OR

DESIGNATION NO. 464139686

FAA Form 337 (7-67)

DATE OF APPROVAL OR

FAA DESIGNEE

REJECTION APRIL 12, 1991

(8320)

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Admitted States of America Department of Transportation—Acderal Aviation Administration Supplemental Tupe Certificate

Number SEBOOGL

This corlificate, issued to EAA Aviation Foundation, Inc. Wittman Airfield Oshkosh, Wisconsin 54903-3065

tifies that the change in the type design for the following product with the limitations. Therefor as specified bereon mosts the sincontiness requirements of Part 13 See Type Certificate Data Sheet E-274 for complete certification fille Civil Air

Coniginal Froduct - Type Contificate Number: E-274

Make: Textron Lycoming

Model: 0-320A, C, E (See attached Continuation Sheet Description of Type Design Chango: for additional models.)

Add the following approved fuel: unleaded automotive gasoline, 87 minimum antiknock index, per ASTM Specification D-439 of any Volatility Class, A through E.

This approval should not be extended to other engines of this determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce the adverse effect the control of the change and any of the change and any of the change and any or 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 this engine. Specific approval must be obtained for each model aircraft to ensure compatibility with its fuel system. This approval is limited to normally aspirated piston engines in power outputs up to 150 brake horsepower only.

This cortificate and the supporting data which is the basis for approval shall sonain in 19828 2 2 2 2 2 2 2 endored, suspended, rouched, or a termination date is athoroxiso established by the Administrator of the Federal Diriation Administration

Tisk of application: November 9, 1983

Tole of issuence: July 30, 1984

March 26, 1985; September 16, 1985.

Manager, Chicago Aircraft
Certification Office, ACE-115C

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.

CAMERA NO. /// DATE:

Anited States of America

Department of Cransportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SEBOOGL

Dated Amended: September 16, 1988

Model: (Cont'd):

Mode1

Approval

Type Certificate No.

0-235-C, -E, -H _____ March 26, 1985

E-223

O-290, O-290-A, -AP, -B -C, -CP, -D, -D2, -D2A, -D2B, -D2C

March 26, 1985

E-229

...END...

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.

PAGE 7 OF PAGES

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Form Approved. Budget Bureau No. 04-R058.2

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DE ENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

Form Approved Budget Bureau No. 04-R060.1

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FEDER L AVIATION AGENCY

MAJOR REPAIR AND ALTERATION

Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY

(Airframe, Powerplant, Propeller, or Appliance) 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. MAKE MODEL Cessna 172 K 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK SERIAL NO. 17258566 N84659 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate) 2. OWNER Cannon Aviation Inc. Co. P.O.B.1968, Hickory, N.C, 28601 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE . UNIT SERIAL NO. ATION **AIRFRAME** (As described in item 1 above) x POWERPLANT PROPELLER APPLIANCE MANUFACTURER CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. Cannon Aviation Inc. Co, U.S. CERTIFICATED MECHANIC Hickory Municipal Airport Hickory, N.C, 28601 FOREIGN, CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION 5367 MANUFACTURER D. I certify that the repair and/or alteration made to the unit(5) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. DATE SIGNATURE OF AUTHORIZED INDIVIDUAL 11-12-69 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Agency and is PPROVED REJECTED FAA FLT. STANDARDS OTHER (Specify) MANUFACTURER INSPECTION AUTHORIZATION CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT FAA DESIGNEE REPAIR STATION DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL REJECTION DESIGNATION NO. 112.69 FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION 0052-025-8000 (8320)

NOTICE

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

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

Installed Norco Mark-12 Nav/Com. Radio
Installed Norco Voa-8 Haad
Installed Norco Modulator Power Unit

All work done in accordance Cessna aircraft drawing and F.A.R.part
43-13-2 Chapter 2. Units installed in cut outs and shelves provided by Cessna Aircraft Co.

ADDITIONAL SHEETS ARE ATTACHED

U.S. GOVERNMENT PRINTING OFFICE : 1965 OF 761-748