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
MSP FSDO GL15 JW

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed $1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make: STINSON	Model: 108-3
	Serial No.: 108-4932	Nationality and Registration Mark: N6937
2. Owner	Name *(As shown on registration certificate)*: BRUCE DUDLEY	Address *(As shown on registration certificate)*: 6010 EAGLE LAKE RD. DULUTH MN. 55803

3. For FAA Use Only

4. Unit Identification / **5. Type**

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	*(As described in Item 1 above)*				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

MINNEAPOLIS FSDO MAR 09 1995 MNGR APPM

MINNEAPOLIS FSDO FEB 23 1995 MNGR APPM

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
JONATHAN MESSERER 1435 N.8th AVE E. DULUTH MN 55805	X U.S. Certificated Mechanic Foreign Certificated Mechanic Certificated Repair Station Manufacturer	474908635

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date	Signature of Authorized Individual
2/17/95	Jonathan Messerer

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

BY						
	FAA Flt. Standards Inspector		Manufacturer	X	Inspection Authorization	Other *(Specify)*
	FAA Designee		Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
3/6/95	474908635	Jonathan Messerer

FAA Form 337 (12-88)

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.)

REMOVED FRANKLIN 6A4-165-B3 165 HP ENGINE AND INSTALLED FRANKLIN 6A-335-B1 180 HP ENGINE IN ACCORDANCE WITH UNIVERSAL AIRCRAFT INDUSTRIES SERVICE BULLETIN NO. 269 DATED JUNE 11, 1964.

AIRCRAFT BATTERY WAS RELOCATED FROM BENEATH SEAT TO BAGGAGE AREA PER RECOMENDATION OF ABOVE AGENCY USING THEIR DRAWINGS NO. U-108-3062020 AND NO. 108-3062000.

NEW WEIGHT AND BALANCE CALCULATED AND ENTERED IN AIRCRFT RECORDS.

END

☐ Additional Sheets Are Attached

☆U.S. GOVERNMENT PRINTING OFFICE: 1992-769-012/60157

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 N DATE: 2 - 8-91

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION MSP GADO

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.

1. AIRCRAFT	MAKE: Stinson	MODEL: 108-3
	SERIAL NO.: 1084937	NATIONALITY AND REGISTRATION MARK: N6937M
2. OWNER	NAME (As shown on registration certificate): Urshawn, David	ADDRESS (As shown on registration certificate): 4992 Dickerman Rd. Saginaw, MN. 55779

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / 5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
David Thomas Royal 4246 Minnesota Ave. Duluth, MN. 55802	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	A&P 472404974

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE: August 17th, 1989

SIGNATURE OF AUTHORIZED INDIVIDUAL: David T. Royal

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

BY							
		FAA FLT. STANDARDS INSPECTOR		MANUFACTURER	X	INSPECTION AUTHORIZATION	OTHER (Specify)
		FAA DESIGNEE		REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
August 17, 1989	IA1917108	[illegible]

FAA Form 337 (7-67) ☆ U.S. Government Printing Office 1977—772-648/141 (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 N DATE: 2 - 8-91

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.

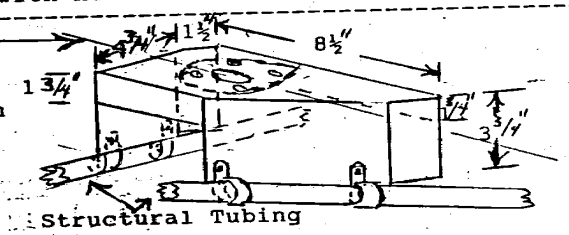
8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

1. Installed an ARNAV brand, model R-15, LORAN-C, at station -8 inches of datum, in the existing radio rack, in reference to AC43.13-1A, Chapters 11, 13, and 15., AC43.13-2A. Chapters 1,2, and 3., AC90-45A, AC20-121 paragraph 6a(1)(2)(4), paragraph 10., and in according to ARNAV Installation Manual part number 570-0095B. This installation does not interfere with the normal operation of other equipment when given a ground and flight test. Installation complies with AC90-45A and AC20-121 for VFR LORAN-C. This system is a stand alone LORAN-C system and is completely isolated from and IFR system. Installed placard "LORAN-C NOT APPROVED FOR IFR".

2. Installed an ARNAV brand, LORAN-C antenna at station +45.5 inches of datum in accordance with the manufacturers instructions by attaching to a fabricated mounting base of .040 2024-T3 aluminum that was attached to the top diagonal fuselage structural tubing in accordance with AC43.13-2A, Chapter 2, figure 2,10, and satisfactorily static load tested the installation in accordance with AC43.13-2A, Chapter 1, paragraph 3. See drawing below.

Station+45.5

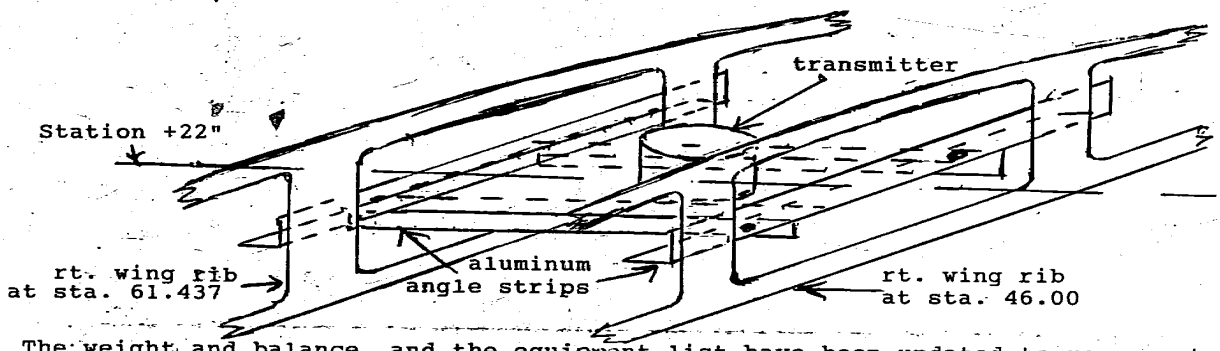
Note: top of fabricated mounting base is flush with top fuselage fabric.



3. Installed a Bendix brand, Remote Indicating Magnetic Compass sytem. The transmitter for the system was installed at + 22 inches of datum, in the right wing, between wing ribs at stations 46.00 and 61.437 by bolting the transmitter to a fabricated mounting base of ,032 2024-T4 aluminum in accordance to manufacturers instruction and in reference to AC43.13-1A, Chapters 11, 13, and 16,Sections 1,2,3,and 5. The fabrication was made by blind riveting aluminum angle strips, chord-wise to wing ribs located at right wing rib station 46.00 and right wing rib station 61.437. Two aluminum angle strips were then bolted span-wise to the chord-wise aluminum angle, and then the .032 2024-T3 aluminum mounting plate was bolted to the span-wise aluminum angle in reference to AC43.13-2A, Chapter 2, figure 2,7. The fabrication was satisfactorily static load tested in accordance with AC43.13-2A, Chapter 1, paragraph 3. The power supply for the system was mounted to the right side fuselage aluminum skin at station -19 inches of datum using machine screws and selflocking nuts in accordance with the manufacturers instructions. The indicator for the system was mounted at -4 iinches of the datum in an existing factory opening in the instrument panel. This installation does not interfere with the normal operation of other equipment when given a ground and flight test. See Drawing on the additional page.....

☒ ADDITIONAL SHEETS ARE ATTACHED

Continuation of discription of work accomplished on August 17th, 1989 on N6937M.



The weight and balance, and the equipment list have been updated to represent the preceding installations.

END

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 N DATE: 2 - 8-91

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 1-10-90

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION
MINNEAPOLIS GADO

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.

1. AIRCRAFT	MAKE: Stinson	MODEL: 108-3
	SERIAL NO.: 108-4937	NATIONALITY AND REGISTRATION MARK: N6937M
2. OWNER	NAME (As shown on registration certificate): Urshan David	ADDRESS (As shown on registration certificate): 4992 Dickerman Road, Saginawn MN. 55779

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Samuel R. DeLuca 215 Kelly Street Duluth MN. 55811.	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	A&P 1917108

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE: 7-2-88

SIGNATURE OF AUTHORIZED INDIVIDUAL: Samuel R. DeLuca

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

BY							
		FAA FLT. STANDARDS INSPECTOR		MANUFACTURER	X	INSPECTION AUTHORIZATION	OTHER (Specify)
		FAA DESIGNEE		REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
7-2-88	IA 1917108	Samuel R. DeLuca

FAA Form 337 (7-67) ☆ U.S. Government Printing Office 1977—772-646/141 (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 1-10-90

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.)*

Stinson 108-3 N6937M 7-2-88

Removed Narco MK. V Receiver and power supplies.
Installed Cessna 300 Nav-Com in the exzistion location, which complies with A.C. 43.13-1A Chapter 11,12, 15 & A.C. 43.13-2A chapter 1, 2, & 3.
This is a stand alone system that is completly isolated from all other IFR systems.
Installed Placard "Cessna 300 not approved for IFR.
Weight and balance and equipment list updated.
END

MINNEAPOLIS GADO-14
JUL 11 1988

☐ ADDITIONAL SHEETS ARE ATTACHED

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION
AGL-GADO-14

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.

1. AIRCRAFT	MAKE: Stinson	MODEL: 108-3
	SERIAL NO.: 4937	NATIONALITY AND REGISTRATION MARK: N6937M
2. OWNER	NAME (As shown on registration certificate): Alex Troboyevich	ADDRESS (As shown on registration certificate): Bovey, Minn.

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / 5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	(As described in item 1 above)			XXX	XXX
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

RECEIVED MAR 26 1979 AGL-GADO-14 MINNEAPOLIS

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Thomas R. McCue B ox 49, Ely Lake Drive Eveleth, Minn. 55734	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	A/P 2105972

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE: March 21, 1979

SIGNATURE OF AUTHORIZED INDIVIDUAL: Thomas R. McCue

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 [X] APPROVED [ ] REJECTED

BY						OTHER (Specify)
	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	X	INSPECTION AUTHORIZATION		
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION	SIGNATURE OF AUTHORIZED INDIVIDUAL
3/23/79	A/P 2105972	Thomas R. McCue

FAA Form 337 (7-67) ☆ U.S. Government Printing Office 1977—772-646/141 (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

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.)*

1. Replaced both lower longerons, from station 30 to station 210, with .049 wall thickness tubing in accordance with A.C. 43.13-1A, chapter 2.

2. Recoverd fuselage with ceconite 101, in accordance with C ooper Aviation Supply Co. STC. 1351 WE.

☐ ADDITIONAL SHEETS ARE ATTACHED

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

Form Approved. Budget Bureau No. 41-R041.5.

INSTRUCTIONS
Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.

1. TYPE OF APPLICATION (*Check which*)

a. ☐ ORIGINAL ISSUANCE OF CERTIFICATE
b. ☒ ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE
c. ☐ AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE
d. ☐ RECERTIFICATION UNDER THE PROVISIONS OF CAR 8
e. ☐ MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
f. ☐

2. AIRWORTHINESS CLASSIFICATION (*Check appropriate item(s)*)
It is requested that the Certificate of Airworthiness be issued to permit operation of the aircraft in the following airworthiness classification(s):

a. ☒ STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES)
b. ☐ LIMITED (SEE CAR 9)
c. ☐ RESTRICTED (SEE CAR 8)
(*Check the restricted special purpose operation(s) to be conducted*)
☐ AGRICULTURAL AND PEST CONTROL
☐ AERIAL ADVERTISING
☐ AERIAL SURVEYING
☐ GLIDER TOWING
☐ PATROLLING
☐ FOREST AND WILDLIFE CONSERVATION
☐ WEATHER CONTROL
☐ OTHER
d. ☐ EXPERIMENTAL
(*Check the type of experimental operation(s) to be conducted*)
☐ RESEARCH AND DEVELOPMENT
☐ AMATEUR-BUILT
☐ DEMONSTRATION
☐ RACING
☐ EXHIBITION
☐ OTHER

3. AIRCRAFT IDENTIFICATION (*Complete all items*)

a. AIRCRAFT MAKE	b. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Stinson	108-3	108-4937

d. ENGINE MAKE	e. ENGINE MODEL
Franklin	6A4-165-B3

4. AIRCRAFT REGISTRATION INFORMATION (*Complete all items*)

a. REGISTERED OWNER'S FULL NAME	b. PERMANENT MAILING ADDRESS	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK
U. S. Forest Service Dept. of Agriculture	633 No. 2nd. St. Milwaukee 3 Wisc.	N- 6937M

5. AIRCRAFT OWNER'S CERTIFICATION (*Check and complete appropriate item*)

I hereby certify that I am the registered owner (or his agent) of the aircraft identified in Item 3 above which is registered* with the Civil Aeronautics Administration as required by the Regulations ~~of the Ad~~ministrator, Part 501 or 502 and when operated displays the following evidence of registration:

a. ☒ CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A). DATE OF ISSUE Oct. 5, 1949
b. ☐ APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). FORM ACA-500, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, W-300 ON _____ (DATE)
c. ☐ DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED _____

*In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (13) of the Civil Aeronautics Act of 1938, as amended.

ATTACHMENTS (*Check which*)
☐ ACA-319
☒ ACA-337
☐ ACA-317
☐ WEIGHT AND BALANCE REPORT
☐ DATA, DRAWINGS, ETC.
☐ UNAPPROVED DEVIATION DATA

R. O. Tomash
(SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)

May 9, 1956 (DATE) — Agent (TITLE)

16—60637-2

Form ACA-305 (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

AIRCRAFT INSPECTION REPORT

(To be completed by a CAA representative or approved repair station)

The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following:
(*Check and complete applicable items*)

1. AIRCRAFT AND ENGINE CERTIFICATION BASIS

a. [X] AIRCRAFT SPECIFICATION NO. A-767 THROUGH SHEET REVISION NO. 14
b. [ ] AIRCRAFT LISTING PAGE NO. _____
c. [X] AIRWORTHINESS DIRECTIVE SUMMARY 1954-26-2 (YEAR) THROUGH CARD NO. 56-9
d. [ ] CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE)

2. AIRCRAFT AND ENGINE OPERATING RECORDS

a. [ ] AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
b. [X] COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
c. [X] AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 2096 HOURS
d. [X] ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:

SERIAL NO. 32714 TOTAL HOURS 1863
SERIAL NO. _____ TOTAL HOURS _____
SERIAL NO. _____ TOTAL HOURS _____
SERIAL NO. _____ TOTAL HOURS _____

3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)

a. LAST AIRWORTHINESS INSPECTION CONDUCTED May 9, 1956 (DATE)
[ ] BY AIRCRAFT MANUFACTURER
[ ] BY APPROVED REPAIR STATION, CERTIFICATE NO. _____
[X] BY MECHANIC, CERTIFICATE NO. A&E 7904
b. [X] PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER

4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED

a. [ ] OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED)
b. [ ] CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT
c. [X] CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT
d. [X] CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT
e. [X] THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
f. [X] CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED ~~TO~~ EXPIRE May 9, 1957 (DATE)
g. [X] PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE June 6, 1956 (DATE)
BY Eric G. Berg (NAME OF ISSUING REPRESENTATIVE) 3335 (DESIGNATION NO.)

5. CAA APPROVED REPAIR STATION CERTIFICATION

The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No. _____ by CAR 52 and was found to be:

[ ] AIRWORTHY
[ ] UNAIRWORTHY

(REPAIR STATION AUTHORIZED SIGNATURE) _____ (DATE) _____

6. CAA REPRESENTATIVE CERTIFICATION

I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT [X] AIRWORTHY [ ] UNAIRWORTHY (*Check appropriate item*)

DESIGNEE'S SIGNATURE Eric G. Berg	DESIGNATION NO. 3335	DATE May 9, 1956	
AVIATION SAFETY AGENT'S SIGNATURE C. J. Wilcha	CAA DESIGNATION NO. Reg. 8 KC ASDO 14	DATE 5-23-52	[X] ACCEPTED [ ] REINSPECTED [ ] SPOT CHECKED

[X] ATTACHMENT

RECEIVED JUN 7 11 27 AM '56 ADMINISTRATIVE RECORDS BRANCH

JUN 7 11 ADMINISTRATIVE RECORDS BRANCH

U. S. GOVERNMENT PRINTING OFFICE 16—6

Form ACA-305a (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 6 - 24 - 86

DEPARTMENT TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION
GL-GAD3-14

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.

1. AIRCRAFT	MAKE: Stinson	MODEL: 108-3
	SERIAL NO.: 108-4937	NATIONALITY AND REGISTRATION MARK: N6937E
2. OWNER	NAME (As shown on registration certificate): VonDruska, John D.	ADDRESS (As shown on registration certificate): 1705 North 9th Ave. Virginia Minnesota 55792

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE REPAIR	5. TYPE ALTERATION
AIRFRAME	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ (As described in item 1 above) ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆			XXX	
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

RECEIVED FEB 23 1973

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	G.A.D. CERTIFICATE NO.
Dwight H. Norrell Air Service Inc. Box 97 Eveleth Minn. 55734	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	MINNEAPOLIS IA 2102832

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE	SIGNATURE OF AUTHORIZED INDIVIDUAL
Feb. 21 1973	Dwight H. Norrell

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

BY						
	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	X	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
2-21-73	IA 1439796	Wiley F. Hautala

FAA Form 337 (7-67)

(8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

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.)*

Recovered wings with Coopers Ceconite process STC# 1351WE
in accordance with manual 101 & technical bulletin 112C.
Colors : Insignia White & Bahama Blue.
----------END----------

ADDITIONAL SHEETS ARE ATTACHED

U.S. GOVERNMENT PRINTING OFFICE : 1967 OF—272-083

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 6 - 24 - 86

Form approved.
Budget Bureau No. 04-R060.

FEDERAL AVIATION AGENCY

MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)

	MAKE	MODEL	SERIAL NO.	NATIONALITY AND REGISTRATION MARK
1. AIRCRAFT	STINSON	108-3	108-4937	N6937M

	NAME (First, middle, last)	ADDRESS (Street and number, city, zone and State)
2. OWNER	JOHN E. POWER JR. + WILLIAM S. DOUGLAS	919 MEDICAL ARTS BLDG. DULUTH 2, MINN

3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.

UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check) MAJOR REPAIR	MAJOR ALTERATION
a. AIRFRAME	(As described in item 1 above)			✓	
b. POWERPLANT					
c. PROPELLER					
d. APPLIANCE	TYPE AND MANUFACTURER				

RECEIVED
APR 17 1961
MAINTENANCE BRANCH
FS-3200

4. AIRCRAFT WEIGHT AND BALANCE DATA *AFTER the repairs and/or alterations described below were made.

This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable.

CATEGORY	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*	USEFUL LOAD (Pounds)*
(NORMAL) SEAPLANE	1561	+ 13.05	939.0
NORMAL (LAND)	13.40	+ 11.88	1060.0
UTILITY (LAND)	13.40	+ 11.88	660.0

5. CONFORMITY STATEMENT (Complete and check)

a. AGENCY'S NAME AND ADDRESS	b. KIND OF AGENCY	c. CERTIFICATE NO.
DONALD B. MACOR 824 N. 7TH AVE. E. DULUTH, MINN.	☑ U. S. Certificated Mechanic. ☐ Foreign Certificated Mechanic. ☐ Certificated Repair Station. ☐ Manufacturer. ☐ (Check if repair or alteration was made under delegation option procedures.)	A+E 1213033

d. I certify that the repair and/or alteration made to the unit(s) identified under item 3 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 18 of the U. S. Civil Air Regulations and that the information furnished herein is true and correct to the best of my knowledge.

MAR. 15, 1961 (Date repair and/or alteration completed)

Donald Macor (Signature of authorized individual)

6. APPROVAL FOR RETURN TO SERVICE (Check and complete appropriate items)

Pursuant to the authority specified below the unit identified in item 3 was inspected in the manner prescribed by the Administrator of the Federal Aviation Agency and is

☑ APPROVED / ☐ REJECTED BY ☐ FAA Designee ☐ FAA Flight Standards Inspector ☐ Manufacturer ☐ Repair Station ☐ Canadian Department of Transport Inspector of Aircraft ☑ Other (Specify) IA

3-17-61 (Date of approval or rejection)

Russell E. Nelson 60625-41 (Signature of authorized individual; title or identification number)

7. TO BE COMPLETED ONLY BY FAA PERSONNEL

a. ☐ Forwarded for engineering comment ☐ See attached memorandum ☐ Spot Checked A. C. U.

b. ☒ Accepted 4/10/61 (Date) ☐ Reinspected (Date) (Date) APR 28 1961

Reg. 3 KC
ASDO 14
(FAA designation number)

L O Behnen (Signature Flight Standards Inspector) V. R.

Form FAA-337 (4-52)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

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 its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.*

Aircraft completely recovered using Irish Linen Fabric and nitrate dope, all material used was obtained from Cooper Industries, Chicago, Ill.

6 coats clear brushed on.
3 coats alum. brushed on.
2 coats alum sprayed on
4 coats final color sprayed on (white)

Trim sprayed on also (Bahama Blue)

all metal parts prepared and sprayed with synthetic enamel.

Irish Aero Linen received from Cooper Industries in accordance with British Spec. DTD - 540 (FAA approved)

all work done in accordance with manual 18 section 18.30

Major repair inspected and approved and returned to service in accordance with Manual 18 part 18.11 (7).

OKLAHOMA CITY, OKLA.
APR 20 2 16 PM '87
RECORDS BRANCH
FAA
AIRCRAFT AND

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached. ☐

U.S. GOVERNMENT PRINTING OFFICE : 1950—O-538224

Form FAA-337 (4-52)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

Form approved.
Budget Bureau No. 41-R052.4.

MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)

1. AIRCRAFT	MAKE: Stinson	MODEL: 108-3	SERIAL NO.: 108-4937	NATIONALITY AND REGISTRATION MARK: N6937M
2. OWNER	NAME (*First, middle, last*): U.S.Forest Service Dept. of Agriculture	ADDRESS (*Street and number, city, zone and State*): 633 No. 2nd. St. Milwaukee 7 Wisconsin		

3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.

UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (*Check*) MAJOR REPAIR	MAJOR ALTERATION
a. AIRFRAME	(*As described in item 1 above*)			X	
b. POWERPLANT					
c. PROPELLER					
d. APPLIANCE	TYPE AND MANUFACTURER				

4. AIRCRAFT WEIGHT AND BALANCE DATA
**AFTER the repairs and/or alterations described below were made.*

This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable.

CATEGORY	EMPTY WEIGHT (*Pounds*)*	EMPTY CENTER OF GRAVITY (*Inches from datum*)*	USEFUL LOAD (*Pounds*)*
Seaplane	1561	113.05	939

5. CONFORMITY STATEMENT (*Complete and check*)

a. AGENCY'S NAME AND ADDRESS	b. KIND OF AGENCY	c. CERTIFICATE NO.
Eric G. Berg Box 808 Ely Minn.	☒ U. S. Certificated Mechanic. ☐ Foreign Certificated Mechanic. ☐ Certificated Repair Station. ☐ Manufacturer. ☐ (Check if repair or alteration was made under delegation option procedures.)	A&E7904 acu

d. I certify that the repair and/or alteration made to the unit(s) identified under item 3 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 18 of the U. S. Civil Air Regulations and that the information furnished herein is true and correct to the best of my knowledge.

May 9, 1956 (Date repair and/or alteration completed)

Eric G. Berg (Signature of authorized individual)

6. APPROVAL FOR RETURN TO SERVICE (*Check and complete appropriate items*)

Pursuant to the authority specified below the unit identified in item 3 was inspected in the manner prescribed by the Administrator and is

☒ APPROVED ☐ REJECTED } BY { ☒ CAA Designee ☐ CAA Aviation Safety Agent ☐ Manufacturer ☐ Repair Station ☐ Canadian Department of Transport Inspector of Aircraft ☐ Other (*Specify*)

May 9, 1956 (Date of approval or rejection)

Eric G. Berg 3335 (Signature of authorized individual, title or identification number)

7. TO BE COMPLETED ONLY BY CAA PERSONNEL

a. ☐ Forwarded for engineering comment ☐ See attached memorandum

b. ☑ Accepted 5-22-56 (Date) ☐ Reinspected _____ (Date) ☐ Spot Checked _____ (Date)

Reg. 8 KC
ASDO 14 (CAA designation number)

C J W Altes (Signature Aviation Safety Agent)

6-27-6

16—54010-4

Form ACA-337 (4-52)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

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 CAA 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.*

Replaced front bottoms forward of step (both floats)
Bottoms furnished by Edo Aircraft Corporation.

RECEIVED
JUN 7 11 27 AM '56
ADMIN. & RECORDS BRANCH
IV-300

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached. ☐

U. S. GOVERNMENT PRINTING OFFICE 16—64010-4

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

Form Approved. Budget Bureau No. 41-R041.5.

INSTRUCTIONS
Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.

1. TYPE OF APPLICATION (*Check which*)

a. ☐ ORIGINAL ISSUANCE OF CERTIFICATE
b. ☒ ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE
c. ☐ AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE
d. ☐ RECERTIFICATION UNDER THE PROVISIONS OF CAR 8
e. ☐ MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
f. ☐

2. AIRWORTHINESS CLASSIFICATION (*Check appropriate item(s)*)

It is requested that the Certificate of Airworthiness be issued to permit operation of the aircraft in the following airworthiness classification(s):

a. ☒ STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES)
b. ☐ LIMITED (SEE CAR 9)
c. ☐ RESTRICTED (SEE CAR 8)
(*Check the restricted special purpose operation(s) to be conducted*)
☐ AGRICULTURAL AND PEST CONTROL
☐ AERIAL ADVERTISING
☐ AERIAL SURVEYING
☐ GLIDER TOWING
☐ PATROLLING
☐ FOREST AND WILDLIFE CONSERVATION
☐ WEATHER CONTROL
☐ OTHER
d. ☐ EXPERIMENTAL
(*Check the type of experimental operation(s) to be conducted*)
☐ RESEARCH AND DEVELOPMENT
☐ AMATEUR-BUILT
☐ DEMONSTRATION
☐ RACING
☐ EXHIBITION
☐ OTHER

3. AIRCRAFT IDENTIFICATION (*Complete all items*)

a. AIRCRAFT MAKE	b. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Stinson	108-3	108-4937

d. ENGINE MAKE	e. ENGINE MODEL
Lycoming	O435-C

4. AIRCRAFT REGISTRATION INFORMATION (*Complete all items*)

a. REGISTERED OWNER'S FULL NAME	b. PERMANENT MAILING ADDRESS	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK
U. S. Forest Service Dept. of Agriculture	623 No. 2nd. St. Milwaukee Wisc.	N-6937M

5. AIRCRAFT OWNER'S CERTIFICATION (*Check and complete appropriate item*)

I hereby certify that I am the registered owner (or his agent) of the aircraft identified in Item 3 above which is registered* with the Civil Aeronautics Administration as required by the Regulations of the Administrator, Part 501 or 502 and when operated displays the following evidence of registration:

a. ☒ CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A). DATE OF ISSUE Oct. 5, 1949
b. ☐ APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). FORM ACA-500, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, W-300 ON _____ (DATE)
c. ☐ DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED _____

*In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (13) of the Civil Aeronautics Act of 1938, as amended.

ATTACHMENTS (*Check which*)
☒ ACA-319
☒ ACA-337
☐ ACA-317
☐ WEIGHT AND BALANCE REPORT
☐ DATA, DRAWINGS, ETC.
☐ UNAPPROVED DEVIATION DATA

Arnold K Stielman
(SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)

June 6, 1955 (DATE) Agent (TITLE)

16—60837-2

Form ACA-305 (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

AIRCRAFT INSPECTION REPORT

(To be completed by a CAA representative or approved repair station)

The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following:
(Check and complete applicable items)

1. AIRCRAFT AND ENGINE CERTIFICATION BASIS
   - a. [X] AIRCRAFT SPECIFICATION NO. A767 THROUGH SHEET REVISION NO. 12
   - b. [ ] AIRCRAFT LISTING PAGE NO. _____
   - c. [X] AIRWORTHINESS DIRECTIVE SUMMARY 1954-26-2 (YEAR) THROUGH CARD NO. 55-11
   - d. [ ] CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE)

2. AIRCRAFT AND ENGINE OPERATING RECORDS
   - a. [ ] AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
   - b. [X] COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
   - c. [X] AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 1781 HOURS
   - d. [X] ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:
     - SERIAL NO. L-000677-8 TOTAL HOURS 945
     - SERIAL NO. _____ TOTAL HOURS _____
     - SERIAL NO. _____ TOTAL HOURS _____
     - SERIAL NO. _____ TOTAL HOURS _____

3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)
   - a. LAST AIRWORTHINESS INSPECTION CONDUCTED June 6, 1955 (DATE)
     - [ ] BY AIRCRAFT MANUFACTURER
     - [ ] BY APPROVED REPAIR STATION, CERTIFICATE NO. _____
     - [X] BY MECHANIC, CERTIFICATE NO. A&E7904
   - b. [X] PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER

RECEIVED JUN 22 10 03 AM '55 ADMIN. & RECORDS BRANCH W-300

4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED
   - a. [ ] OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED)
   - b. [ ] CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT
   - c. [X] CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT
   - d. [X] CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT
   - e. [X] THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
   - f. [X] CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE June 6, 1956 (DATE)
   - g. [X] PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE May 10, 1955 (DATE)
     BY Eric G. Berg (NAME OF ISSUING REPRESENTATIVE) (DATE) 3335 (DESIGNATION NO.)

5. CAA APPROVED REPAIR STATION CERTIFICATION

   The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No. _____ by CAR 52 and was found to be:
   - [ ] AIRWORTHY
   - [ ] UNAIRWORTHY

   (REPAIR STATION AUTHORIZED SIGNATURE) (DATE)

6. CAA REPRESENTATIVE CERTIFICATION

   I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT [X] AIRWORTHY [ ] UNAIRWORTHY (Check appropriate item)

DESIGNEE'S SIGNATURE	DESIGNATION NO.	DATE	
Eric G. Berg	3335	June 6, 1955	
AVIATION SAFETY AGENT'S SIGNATURE	CAA DESIGNATION NO.	DATE	[X] ACCEPTED
Norman H. Sollee	Reg. 3 KC ASDO 14	6-13-55	[ ] REINSPECTED
			[ ] SPOT CHECKED

[X] ATTACHMENT

U. S. GOVERNMENT PRINTING OFFICE 16—60837-2 Form ACA-305a (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

Form approved.
Budget Bureau No. 41-R052.4.

MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)

	MAKE	MODEL	SERIAL NO.	NATIONALITY AND REGISTRATION MARK
1. AIRCRAFT	Stinson	108-3	108-4937	NC9377H

	NAME (First, middle, last)	ADDRESS (Street and number, city, zone and State)
2. OWNER	Dept. of Agriculture U.S. Forest Service	623 No. 2nd. St. Milwaukee Wisc.

3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.

UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check) MAJOR REPAIR	MAJOR ALTERATION
a. AIRFRAME	********** (As described in item 1 above) **********				
b. POWERPLANT	Franklin	6A4-165-B3	32714		X
c. PROPELLER					
d. APPLIANCE (TYPE AND MANUFACTURER)	McFaulay	1A170-7649			X

4. AIRCRAFT WEIGHT AND BALANCE DATA *"AFTER the repairs and/or alterations described below were made.* This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable.

CATEGORY	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*	USEFUL LOAD (Pounds)*
Seaplane	1561	113.05	939

5. CONFORMITY STATEMENT (Complete and check)

a. AGENCY'S NAME AND ADDRESS	b. KIND OF AGENCY	c. CERTIFICATE NO.
Eric G. Berg Box 803 Ely Minn.	☒ U. S. Certificated Mechanic. ☐ Foreign Certificated Mechanic. ☐ Certificated Repair Station. ☐ Manufacturer. ☐ (Check if repair or alteration was made under delegation option procedures.)	A&E7904

d. I certify that the repair and/or alteration made to the unit(s) identified under item 3 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 18 of the U. S. Civil Air Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Sept. 21 1955 (Date repair and/or alteration completed)

Eric G. Berg (Signature of authorized individual)

6. APPROVAL FOR RETURN TO SERVICE (Check and complete appropriate items)

Pursuant to the authority specified below the unit identified in item 3 was inspected in the manner prescribed by the Administrator and is

☒ APPROVED ☐ REJECTED } BY { ☒ CAA Designee ☐ CAA Aviation Safety Agent ☐ Manufacturer ☐ Repair Station ☐ Canadian Department of Transport Inspector of Aircraft ☐ Other (Specify)

Sept. 21 1955 (Date of approval or rejection)

Eric G. Berg DANT 3535 (Signature of authorized individual: title or identification number)

7. TO BE COMPLETED ONLY BY CAA PERSONNEL

a. ☐ Forwarded for engineering comment ☐ See attached memorandum

b. ☒ Accepted 9-26-55 (Date) ☐ Reinspected _____ (Date) ☐ Spot Checked _____ (Date)

Reg. 3 KC
ASDO 14 (CAA designation number)

Norman H. Sollee (Signature Aviation Safety Agent)

16—54010-4

Form ACA-337 (4-52)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

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 CAA 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.*

Removed Lycoming-Stinson Kit previously installed in accordance with Tunnell Aircraft Service drawings. Restored aircraft to original factory equiped Franklin engine.

Empty Weight	1535	~~13.06~~	20047
Radio	11	~~6~~	66
Power pack	15	~~18~~	270
	1561	~~13.06~~	20383

RECEIVED
OCT 11 10 13 AM '85
ADMIN. & RECORDS BRANCH
W-300

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached. ☐

U. S. GOVERNMENT PRINTING OFFICE 16—54010-4

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

Form approved.
Budget Bureau No. 41-R052.4.

MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)

1. AIRCRAFT	MAKE	MODEL	SERIAL NO.	NATIONALITY AND REGISTRATION MARK
	Stinson	108-3	108-4937	N8937M

2. OWNER	NAME (First, middle, last)	ADDRESS (Street and number, city, zone and State)
	Dept Of Agriculture U.S. Forest Service	633 No. 3rd. St. Milwaukee Wisc.

3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.

UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check) MAJOR REPAIR	MAJOR ALTERATION
a. AIRFRAME	(As described in item 1 above)				X
b. POWERPLANT	Lycoming	O-435-C	L-000877-8	INSTALLED	
c. PROPELLER	Hartzell	HC#13X20-8433-6	87416	INSTALLED	
d. APPLIANCE	TYPE AND MANUFACTURER				

4. AIRCRAFT WEIGHT AND BALANCE DATA
*AFTER the repairs and/or alterations described below were made.

This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable.

CATEGORY	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*	USEFUL LOAD (Pounds)*
Seaplane	1711	110.94	789

5. CONFORMITY STATEMENT (Complete and check)

a. AGENCY'S NAME AND ADDRESS	b. KIND OF AGENCY	c. CERTIFICATE NO.
Eric G. Berg Box 808 Ely Minn	☒ U. S. Certificated Mechanic. ☐ Foreign Certificated Mechanic. ☐ Certificated Repair Station. ☐ Manufacturer. ☐ (Check if repair or alteration was made under delegation option procedures.)	A&E7904

d. I certify that the repair and/or alteration made to the unit(s) identified under item 3 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 18 of the U. S. Civil Air Regulations and that the information furnished herein is true and correct to the best of my knowledge.

June 6, 1955 (Date repair and/or alteration completed)

Eric G. Berg (Signature of authorized individual)

6. APPROVAL FOR RETURN TO SERVICE (Check and complete appropriate items)

Pursuant to the authority specified below the unit identified in item 3 was inspected in the manner prescribed by the Administrator and is

☒ APPROVED ☐ REJECTED } BY { ☒ CAA Designee ☐ CAA Aviation Safety Agent ☐ Manufacturer ☐ Repair Station ☐ Canadian Department of Transport Inspector of Aircraft ☐ Other (Specify)

June 6, 1955 (Date of approval or rejection)

Eric G. Berg D.A.N.I.3335 (Signature of authorized individual, title or identification number)

7. TO BE COMPLETED ONLY BY CAA PERSONNEL

a. ☐ Forwarded for engineering comment ☐ See attached memorandum

b. ☒ Accepted 6-13-55 (Date) ☐ Reinspected _____ (Date) ☐ Spot Checked _____ (Date)

Reg. 3 KC
ASDO 14
(CAA designation number)

Norman H. Salles (Signature Aviation Safety Agent)

16—54010-4

Form ACA-337 (4-52)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

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 CAA 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.*

Installed Lycoming-Stinson Kit according to Tunnell Aircraft Service drawings 10008,10008,10009,and 10011.
CAA approved A707 item #110

Installe special F.M. Radio and power pack. Forest Service frequency.

Airplane as weighed	1679	#9.8	16456
Less oil	21	-43	903
	1658	#10.47	17359
Radio	11	# 6	66
Power pack	15	#18	270
Emergency tools & rations	27	#75.5	2038
	1711	#10.94	19733

RECEIVED JUN 22 10 03 AM '73 ADMIN. & RECORDS BRANCH W-300

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.
Check block if additional sheets are attached. ☐

U. S. GOVERNMENT PRINTING OFFICE 16—54010-4

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

Form Approved. Budget Bureau No. 41-R041.5.

INSTRUCTIONS
Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.

1. TYPE OF APPLICATION (*Check which*)

a. ☐ ORIGINAL ISSUANCE OF CERTIFICATE
b. ☒ ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE
c. ☐ AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE
d. ☐ RECERTIFICATION UNDER THE PROVISIONS OF CAR 8
e. ☐ MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
f. ☐

2. AIRWORTHINESS CLASSIFICATION (*Check appropriate item(s)*)

It is requested that the Certificate of Airworthiness be issued to permit operation of the aircraft in the following airworthiness classification(s):

a. ☒ STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES)
b. ☐ LIMITED (SEE CAR 9)
c. ☐ RESTRICTED (SEE CAR 8)
(*Check the restricted special purpose operation(s) to be conducted*)
☐ AGRICULTURAL AND PEST CONTROL
☐ AERIAL ADVERTISING
☐ AERIAL SURVEYING
☐ GLIDER TOWING
☐ PATROLLING
☐ FOREST AND WILDLIFE CONSERVATION
☐ WEATHER CONTROL
☐ OTHER
d. ☐ EXPERIMENTAL
(*Check the type of experimental operation(s) to be conducted*)
☐ RESEARCH AND DEVELOPMENT
☐ AMATEUR-BUILT
☐ DEMONSTRATION
☐ RACING
☐ EXHIBITION
☐ OTHER

3. AIRCRAFT IDENTIFICATION (*Complete all items*)

a. AIRCRAFT MAKE	b. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Stinson (Piper)	108-3	108-4937

d. ENGINE MAKE	e. ENGINE MODEL
Franklin	6A4-165-B3

4. AIRCRAFT REGISTRATION INFORMATION (*Complete all items*)

a. REGISTERED OWNER'S FULL NAME	b. PERMANENT MAILING ADDRESS	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK
Dept. of Agriculture U.S. Forest Service	Box 727 Ely Minn	N 6937M

5. AIRCRAFT OWNER'S CERTIFICATION (*Check and complete appropriate item*)

I hereby certify that I am the registered owner (or his agent) of the aircraft identified in Item 3 above which is registered* with the Civil Aeronautics Administration as required by the Regulations of the Administrator, Part 501 or 502 and when operated displays the following evidence of registration:

a. ☒ CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A). DATE OF ISSUE Oct. 5, 1949
b. ☐ APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). FORM ACA-500, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, W-300 ON _____ (DATE)
c. ☐ DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED _____

*In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (13) of the Civil Aeronautics Act of 1938, as amended.

ATTACHMENTS (*Check which*)
☒ ACA-319
☐ ACA-337
☐ ACA-317
☐ WEIGHT AND BALANCE REPORT
☐ DATA, DRAWINGS, ETC.
☐ UNAPPROVED DEVIATION DATA

Lillian X. Ericksen
(SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)

May 10, 1954 (DATE) Agent (TITLE)

16—60837-2

Form ACA-305 (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

AIRCRAFT INSPECTION REPORT

(To be completed by a CAA representative or approved repair station)

The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following:
(Check and complete applicable items)

1. AIRCRAFT AND ENGINE CERTIFICATION BASIS

a. [X] AIRCRAFT SPECIFICATION NO. A-767 THROUGH SHEET REVISION NO. 9
b. [ ] AIRCRAFT LISTING PAGE NO. _____
c. [X] AIRWORTHINESS DIRECTIVE SUMMARY 1954 (YEAR) THROUGH CARD NO. 9
d. [ ] CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE)

2. AIRCRAFT AND ENGINE OPERATING RECORDS

a. [ ] AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
b. [X] COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
c. [X] AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 1454 HOURS
d. [X] ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:
SERIAL NO. 32714 TOTAL HOURS 1454
SERIAL NO. _____ TOTAL HOURS _____
SERIAL NO. _____ TOTAL HOURS _____
SERIAL NO. _____ TOTAL HOURS _____

3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)

a. LAST AIRWORTHINESS INSPECTION CONDUCTED May 10, 1954 (DATE)
[ ] BY AIRCRAFT MANUFACTURER
[ ] BY APPROVED REPAIR STATION, CERTIFICATE NO. _____
[X] BY MECHANIC, CERTIFICATE NO. A&E7904
b. [X] PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER

RECEIVED MAY 25 10 17 AM '54 ADMIN. & RECORDS BRANCH W-300

4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED

a. [ ] OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED)
b. [X] CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT
c. [X] CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT
d. [X] CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT
e. [X] THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
f. [X] CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE May 10, 1955 (DATE)
g. [X] PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE May 1, 1954 (DATE)
BY Eric G. Berg (NAME OF ISSUING REPRESENTATIVE) 3335 (DESIGNATION NO.)

5. CAA APPROVED REPAIR STATION CERTIFICATION

The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No. _____ by CAR 52 and was found to be:

[ ] AIRWORTHY
[ ] UNAIRWORTHY

(REPAIR STATION AUTHORIZED SIGNATURE) _____ (DATE) _____

6. CAA REPRESENTATIVE CERTIFICATION

I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT [X] AIRWORTHY [ ] UNAIRWORTHY (Check appropriate item)

DESIGNEE'S SIGNATURE	DESIGNATION NO.	DATE	
Eric G. Berg	3335	May 10, 1954	[X] ACCEPTED
AVIATION SAFETY AGENT'S SIGNATURE	CAA DESIGNATION NO.	DATE	[ ] REINSPECTED
C. J. Walker	KC-257-N	5-13-54	[ ] SPOT CHECKED

[ ] ATTACHMENT

U. S. GOVERNMENT PRINTING OFFICE 16—603

Form ACA-305a (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

Form Approved. Budget Bureau No. 41-R0[illegible]

INSTRUCTIONS
Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.

1. TYPE OF APPLICATION (*Check which*)

a. ☐ ORIGINAL ISSUANCE OF CERTIFICATE
b. ☒ ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE
c. ☐ AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE
d. ☐ RECERTIFICATION UNDER THE PROVISIONS OF CAR 8
*e. ☐ MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
f. ☐

2. AIRWORTHINESS CLASSIFICATION (*Check appropriate item(s)*)
It is requested that the Certificate of Airworthiness be issued to permit operation of the aircraft in the following airworthiness classification(s):

a. ☒ STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES)
b. ☐ LIMITED (SEE CAR 9)
c. ☐ RESTRICTED (SEE CAR 8)
(*Check the restricted special purpose operation(s) to be conducted*)
☐ AGRICULTURAL AND PEST CONTROL
☐ AERIAL ADVERTISING
☐ AERIAL SURVEYING
☐ GLIDER TOWING
☐ PATROLLING
☐ FOREST AND WILDLIFE CONSERVATION
☒ WEATHER CONTROL
☐ OTHER
d. ☐ EXPERIMENTAL
(*Check the type of experimental operation(s) to be conducted*)
☐ RESEARCH AND DEVELOPMENT
☐ AMATEUR-BUILT
☐ DEMONSTRATION
☐ RACING
☐ EXHIBITION
☐ OTHER

3. AIRCRAFT IDENTIFICATION (*Complete all items*)

a. AIRCRAFT MAKE	b. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Stinson (Piper)	108-3	108-4937

d. ENGINE MAKE	e. ENGINE MODEL
Franklin	6A4-165-B3

4. AIRCRAFT REGISTRATION INFORMATION (*Complete all items*)

a. REGISTERED OWNER'S FULL NAME	b. PERMANENT MAILING ADDRESS	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK
Dept. of Agriculture U.S. Forest Service.	Box 727 Ely Minn.	N-6937M

5. AIRCRAFT OWNER'S CERTIFICATION (*Check and complete appropriate item*)
I hereby certify that I am the registered owner (or his agent) of the aircraft identified in Item 3 above which is registered* with the Civil Aeronautics Administration as required by the Regulations of the Administrator, Part 501 or 502 and when operated displays the following evidence of registration:

a. ☒ CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A), DATE OF ISSUE Oct.5,1949
b. ☐ APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). FORM ACA-500, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, W-300 ON _____ (DATE)
c. ☐ DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED _____

*In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (13) of the Civil Aeronautics Act of 1938, as amended.

ATTACHMENTS (*Check which*)
☒ ACA-319
☐ ACA-337
☐ ~~ACA-317~~
☐ WEIGHT AND BALANCE REPORT
☒ DATA, DRAWINGS, ETC.
☐ UNAPPROVED DEVIATION DATA

W Emerson, Supt. Ely Service Center
(SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)

May 1, 1953 (DATE)

Agent (TITLE)

16—60837-2

Form ACA-305 (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

AIRCRAFT INSPECTION REPORT

(To be completed by a CAA representative or approved repair station)

The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following:
(Check and complete applicable items)

1. AIRCRAFT AND ENGINE CERTIFICATION BASIS

a. [X] AIRCRAFT SPECIFICATION NO. 767 THROUGH SHEET REVISION NO. 5
b. [ ] AIRCRAFT LISTING PAGE NO. _____
c. [X] AIRWORTHINESS DIRECTIVE SUMMARY 1953 (YEAR) THROUGH CARD NO. 8
d. [ ] CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE)

2. AIRCRAFT AND ENGINE OPERATING RECORDS

a. [ ] AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
b. [X] COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
c. [X] AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 1117 HOURS
d. [X] ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:
SERIAL NO. 32714 TOTAL HOURS 1117
SERIAL NO. _____ TOTAL HOURS _____
SERIAL NO. _____ TOTAL HOURS _____
SERIAL NO. _____ TOTAL HOURS _____

RECEIVED
MAY 7 8 47 AM '53
ADMIN. & RECORDS BRANCH
W-300

3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)

a. LAST AIRWORTHINESS INSPECTION CONDUCTED April 29 1953 (DATE)
[ ] BY AIRCRAFT MANUFACTURER
[ ] BY APPROVED REPAIR STATION, CERTIFICATE NO. _____
[X] BY MECHANIC, CERTIFICATE NO. A & E 7904
b. [X] PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER

4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED

a. [ ] OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED)
b. [ ] CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT
c. [X] CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT
d. [X] CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT
e. [X] THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
f. [X] CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE May 1, 1954 (DATE)
g. [X] PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE April 28 1953 (DATE)
BY E Bots (NAME OF ISSUING REPRESENTATIVE) 3335 (DESIGNATION NO.)

5. CAA APPROVED REPAIR STATION CERTIFICATION

The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No. _____ by CAR 52 and was found to be:

[ ] AIRWORTHY
[ ] UNAIRWORTHY

(REPAIR STATION AUTHORIZED SIGNATURE) _____ (DATE) _____

6. CAA REPRESENTATIVE CERTIFICATION

I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT [X] AIRWORTHY [ ] UNAIRWORTHY
(Check appropriate item)

DESIGNEE'S SIGNATURE	DESIGNATION NO.	DATE	
Eric V. Berg	3335	May 1, 1953	[X] ACCEPTED
AVIATION SAFETY AGENT'S SIGNATURE	CAA DESIGNATION NO.	DATE	[ ] REINSPECTED
C. J. Walther	3-5794-2	5-4-53	[ ] SPOT CHECKED

[ ] ATTACHMENT

U. S. GOVERNMENT PRINTING OFFICE 16—60837-2

Form ACA-305a (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

W-200

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

Form Approved. Budget Bureau No. 41-R04[illegible]A.

INSTRUCTIONS
Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.

1. TYPE OF APPLICATION (*Check which*)

a. ☐ ORIGINAL ISSUANCE OF CERTIFICATE
b. ☒ ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE
c. ☐ AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE
d. ☐ RECERTIFICATION UNDER THE PROVISIONS OF CAR 8
e. ☐ MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
f. ☐

2. AIRWORTHINESS CLASSIFICATION (*Check appropriate item(s)*)
It is requested that the Certificate of Airworthiness be issued to permit operation of the aircraft in the following airworthiness classification(s):

a. ☒ STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES)
b. ☐ LIMITED (SEE CAR 9)
c. ☐ RESTRICTED (SEE CAR 8)
(*Check the restricted special purpose operation(s) to be conducted*)
☐ AGRICULTURAL AND PEST CONTROL
☐ AERIAL ADVERTISING
☐ AERIAL SURVEYING
☐ GLIDER TOWING
☐ PATROLLING
☐ FOREST AND WILDLIFE CONSERVATION
☐ WEATHER CONTROL
☐ OTHER
d. ☐ EXPERIMENTAL
(*Check the type of experimental operation(s) to be conducted*)
☐ RESEARCH AND DEVELOPMENT
☐ AMATEUR-BUILT
☐ DEMONSTRATION
☐ RACING
☐ EXHIBITION
☐ OTHER

6-49

3. AIRCRAFT IDENTIFICATION (*Complete all items*)

a. AIRCRAFT MAKE	b. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Stinson (Piper)	108-3	108-4937

d. ENGINE MAKE	e. ENGINE MODEL
Franklin	6A4-165-B3

4. AIRCRAFT REGISTRATION INFORMATION (*Complete all items*)

a. REGISTERED OWNER'S FULL NAME	b. PERMANENT MAILING ADDRESS	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK
Dept of Agriculture U.S. Forest Service	Ely Minn	N-6937M

5. AIRCRAFT OWNER'S CERTIFICATION (*Check and complete appropriate item*)
I hereby certify that I am the registered owner (or his agent) of the aircraft identified in Item 3 above which is registered* with the Civil Aeronautics Administration as required by the Regulations of the Administrator, Part 501 or 502 and when operated displays the following evidence of registration:

a. ☒ CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A). DATE OF ISSUE Oct. 5, 1949
b. ☐ APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). FORM ACA-500, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, W-300 ON _____ (DATE)
c. ☐ DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED _____

*In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (13) of the Civil Aeronautics Act of 1938, as amended.

ATTACHMENTS (*Check which*)
☒ ACA-319
☐ ACA-337
☐ ACA-317
☐ WEIGHT AND BALANCE REPORT
☐ DATA, DRAWINGS, ETC.
☐ UNAPPROVED DEVIATION DATA

[illegible] Emerson
(SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)

April 28, 1952 (DATE)
Agent. (TITLE)

am 7-24-2

16—60837-2

Form ACA-305 (11-51)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

AIRCRAFT INSPECTION REPORT

(To be completed by a CAA representative or approved repair station)

The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following:
(Check and complete applicable items)

1. AIRCRAFT AND ENGINE CERTIFICATION BASIS
   - a. [X] AIRCRAFT SPECIFICATION NO. A-767 THROUGH SHEET REVISION NO. 5
   - b. [ ] AIRCRAFT LISTING PAGE NO. _____
   - c. [X] AIRWORTHINESS DIRECTIVE SUMMARY 1951 (YEAR) THROUGH CARD NO. 52-8
   - d. [ ] CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE)

2. AIRCRAFT AND ENGINE OPERATING RECORDS
   - a. [ ] AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
   - b. [X] COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
   - c. [X] AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 755 HOURS
   - d. [X] ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:
     - SERIAL NO. 32714 TOTAL HOURS 755
     - SERIAL NO. _____ TOTAL HOURS _____
     - SERIAL NO. _____ TOTAL HOURS _____
     - SERIAL NO. _____ TOTAL HOURS _____

3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)
   - a. LAST AIRWORTHINESS INSPECTION CONDUCTED April 24, 1952 (DATE)
     - [ ] BY AIRCRAFT MANUFACTURER
     - [ ] BY APPROVED REPAIR STATION, CERTIFICATE NO. _____
     - [X] BY MECHANIC, CERTIFICATE NO. A&E 7904
   - b. [X] PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER

4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED
   - a. [ ] OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED)
   - b. [ ] CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT
   - c. [X] CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT
   - d. [X] CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT
   - e. [X] THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
   - f. [X] CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE April 28, 1953 (DATE)
   - g. [X] PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE May 2, 1952 (DATE)
     - BY Eric G. Berg (NAME OF ISSUING REPRESENTATIVE) 3335 (DESIGNATION NO.)

5. CAA APPROVED REPAIR STATION CERTIFICATION

   The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No. _____ by CAR 52 and was found to be:
   - [ ] AIRWORTHY
   - [ ] UNAIRWORTHY

   (REPAIR STATION AUTHORIZED SIGNATURE) (DATE)

6. CAA REPRESENTATIVE CERTIFICATION

   I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT [X] AIRWORTHY [ ] UNAIRWORTHY *(Check appropriate item)*

DESIGNEE'S SIGNATURE	DESIGNATION NO.	DATE	
Eric G. Berg	3335	April 28, 1952	
AVIATION SAFETY AGENT'S SIGNATURE	CAA DESIGNATION NO.	DATE	[X] ACCEPTED
Elliott O. Hammond	3-579-19	5-1-52	[ ] REINSPECTED
			[ ] SPOT CHECKED

[ ] ATTACHMENT

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

Form ACA-305
(11-49)

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

Form Approved
Budget Bureau No. 41-R041.4

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

INSTRUCTIONS
Please submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative

1. APPLICATION (CHECK WHETHER)
- [ ] ORIGINAL AIRWORTHINESS CERTIFICATE
- [x] ANNUAL INSPECTION

2. AIRWORTHINESS CLASSIFICATION
- [x] STANDARD
- [ ] RESTRICTED
- [ ] EXPERIMENTAL
- [ ] LIMITED
- [ ] OTHER

AIRCRAFT

3. MAKE: Stinson (Piper)
4. MODEL: 108-3
5. NATIONALITY AND REGISTRATION MARK: 6937M
6. MANUFACTURER'S SERIAL NO.: 108-4937

ENGINE 6-49

7. MAKE: Franklin
8. MODEL: 6A4-165-B3

9. OWNER'S NAME: Dept. of Agriculture U.S.Forest Service.

10. (GIVE ADDRESS ONLY IF IT HAS BEEN CHANGED FROM THAT GIVEN ON YOUR CERTIFICATE OF REGISTRATION, FORM ACA-500): Ely Minn.

11. ATTACHMENTS (CHECK WHICH)
- [x] ACA-319
- [ ] WEIGHT AND BALANCE REPORT
- [ ] ACA-337
- [ ] DATA, DRAWINGS, ETC.
- [ ] ACA-317
- [ ] UNAPPROVED DEVIATION DATA

12. I CERTIFY that the above statements are true.

L. A. Emerson (OWNER OR AUTHORIZED AGENT)

May 3,1951 (DATE) Agent (TITLE)

Form ACA-305a
(11-49)

AIRCRAFT INSPECTION REPORT
(To be completed by CAA representatives)

13. It has been determined that the aircraft described in 305 above is in conformity with the following:
(CHECK AND COMPLETE APPLICABLE ITEMS)

a. [x] AIRCRAFT SPECIFICATION NO. A-767 THROUGH SHEET REVISION NO. 5
b. [ ] AIRCRAFT LISTING PAGE NO.
c. [x] AIRWORTHINESS DIRECTIVE SUMMARY 51 (YEAR) THROUGH CARD NO. 11
d. [ ] OPERATIONS LIMITATIONS FORM ACA-309 ISSUED.
e. [ ] OPERATIONS LIMITATIONS FORM ACA-309 IS AVAILABLE IN AIRCRAFT.
f. [x] CURRENT, APPROVED, AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT.
g. [x] ALL APPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH.
h. [x] CERTIFICATE OF AIRWORTHINESS FORM ACA-1362 WAS ISSUED.

FINDINGS

14.
- [x] AIRWORTHY
- [ ] UNAIRWORTHY

15. DESIGNEE'S SIGNATURE: Eric G. Berg.
16. DESIGNATION NO.: 3335
17. DATE: May 2, 1951
18. AVIATION SAFETY AGENT'S SIGNATURE: A. Ingebrigtsen
19. [x] ACCEPTED [ ] REINSPECTED
20. DATE: 5-3-51

21. REASON FOR DISAPPROVAL, OR REMARKS (INDICATE IF YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) [ ] YES [x] NO

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

Form ACA-305
(12-47)

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

FORM APPROVED
BUDGET BUREAU NO. 41-R041.3

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

INSTRUCTIONS
Please submit this form to the Civil Aeronautics Administration Field Representative

APPLICATION (*Check whether*)
- [ ] ORIGINAL AIRWORTHINESS CERTIFICATE
- [x] ANNUAL INSPECTION

AIRWORTHINESS CLASSIFICATION
- [x] STANDARD
- [ ] RESTRICTED
- [ ] EXPERIMENTAL
- [ ] LIMITED
- [ ] OTHER

AIRCRAFT

MAKE	MODEL	TYPE CERTIFICATE NO.
Stinson (Piper)	108-3	767

REGISTRATION NO.	MANUFACTURER'S SERIAL NO.
6937M	108-4937

ENGINE

MAKE	MODEL
Franklin	6A4-165-B3

OWNER'S NAME: Dept. of Agriculture U.S. Forest Service

PERMANENT ADDRESS (*Street and number, city, zone, and State*): Ely Minn.

ATTACHMENTS (*Check which*)
- [x] ACA-319
- [ ] ACA-337
- [ ] ACA-317
- [ ] WEIGHT AND BALANCE REPORT
- [ ] DATA, DRAWINGS, ETC.
- [ ] UNAPPROVED DEVIATION DATA

I CERTIFY that the above statements are true.

H. J. Emerson
Owner or authorized agent.

May 16, 1950 (DATE) Agent (TITLE)

Form ACA-305a

AIRCRAFT INSPECTION REPORT

(*To be completed by a CAA inspector or a designated inspector or representative*)

It has been determined that the aircraft described in 305 above is in conformity with the following:

ALL APPLICABLE MANDATORY NOTES, INSTRUMENT MARKINGS AND PLACARDING REQUIREMENTS HAVE BEEN COMPLIED WITH [x] YES [ ] NO

AIRCRAFT SPECIFICATION—AIRWORTHINESS DIRECTIVE NO(S). A- 767 Rev.3 ADS thru 50-19 (*Specify*)

FORM ACA-1362, CERTIFICATE OF AIRWORTHINESS, ISSUED [ ] ORIGINAL [x] ANNUAL INSPECTION

(*Check whether*)
- [ ] OPERATION LIMITATIONS FORM ACA-309 WAS ISSUED, OR
- [x] APPROVED AIRPLANE FLIGHT MANUAL IS IN THE AIRCRAFT

FINDINGS

- [x] AIRWORTHY
- [ ] UNAIRWORTHY.

DESIGNEE'S SIGNATURE AND NO. Eric G. Berg. 3335

CAA INSPECTOR'S SIGNATURE R. Ingebrigtsen

- [x] ACCEPTED
- [ ] REINSPECTED

DATE May 16, 1950

DATE 5-18-50

REASON FOR DISAPPROVAL, OR REMARKS (*Indicate if you have used the reverse to continue this or other item.*) [ ] Yes [x] No

Floats aux 7-79 NW

EVA

U. S. GOVERNMENT PRINTING OFFICE 16—54320-1

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

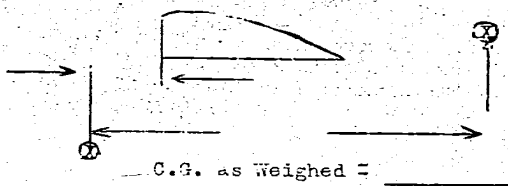
Station Wagon
McCauley Propeller (Seaplane)
Primary Instruments less Clock and Turn & Bank
Float Fittings
Edo Floats

CONSOLIDATED VULTEE AIRCRAFT CORPORATION
Stinson Division
WEIGHT AND BALANCE
COMPUTED WEIGHT & BALANCE

License No. N 6937M Serial No. 108-4937

Prepared by E. Sanders Approved by L. R. Gray

Date June 30, 1949 C.A.A. Inspector Victor Zapata



Reaction	Gross	Tare	Net
Left Wheel			
Right Wheel			
Tail Wheel			
Total as Weighed			

C.G. as Weighed = _____ - _____ = _____ " Aft L.E. Wing

Airplane as Weighed	1533	10.92	16756
Less Oil 9 qts.	-17	-49	-833
Plus Unusable Fuel 4 gal.	+24	22	+528
Land Airplane Empty	1540	(11.88)	15917
Float Installation Inc.	+195	+21.2	+4134
Seaplane Airplane Empty	1535	(13.06)	20051

ITEM	GROSS WEIGHT CONDITION					
	Normal Category			Utility Category		
	Weight	Arm	Moment	Weight	Arm	Moment
Airplane Empty	1535	13.06	20051			
Pilot & Passenger	340	16	5440	380	16	6080
Passengers - Rear	340	48	16320	0		
Baggage		75			75	
Fuel - 46 gal. *	268 ~~XXX~~	22	5896 ~~XXXX~~	276	22	6072
Oil - 9 qts.	17	-49	-833	17	-49	-833
Total	2500	(18.75)	46874			
C.G. Location in % M.A.C.		32.81%				

* **Full fuel exceeds gross weight by 8 lbs. in Normal Category.**

	MOST FORWARD C. G.			MOST REARWARD C. G.		
	Weight	Arm	Moment	Weight	Arm	Moment
Airplane Empty	1535	13.06	20051	1535	13.06	20051
Pilot	170	16	2720	170	16	2720
Passengers - Rear	0			340	48	16320
Baggage	0			100	75	7500
Fuel	82	22	1804	276	22	-6072
Oil	17	-49	-833	17	-49	-833
Total	1804	(13.16)	23742	2438	(21.26)	51830
C.G. Location in % M.A.C.		22.77%			37.26%	

Approved C.G. Limits are 18.2% M.A.C. and 38.5% M.A.C.
N(+10.6)(18.2%MAC) to (+21.89)(38.5%MAC)
U(+10.6)(18.2%MAC) to (+17.18)(30.0%MAC)

EVA

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 6 - 24 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 6 - 24 - 86

FORM ACA-337
(11-7-46)

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

BUDGET BUREAU NO. 41-R052.1
APPROVAL EXPIRES DECEMBER 31, 1948

REPAIR AND ALTERATION FORM (AIRCRAFT, PROPELLERS, ENGINES, INSTRUMENTS)

INSTRUCTIONS - This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine, or instrument, as follows:

(A) *For an Aircraft* - Complete items 1, 2, 3a, 4, 5, 6, and 7 and submit to CAA representative for approval.

(B) *For a Component Installed in an Aircraft* - Complete items 1, 2, 3(b, c, or d, whichever is applicable), 4, 5, and 6, and submit as described in (A) above.

(C) *For a Spare Component* - Complete items 3(b, c, or d), 5, and 6, and submit to CAA representative for approval. When approved, retain both copies of this form with the component until installation on an aircraft. At that time, items 1, 2, and 4 must be completed by the installing agency, which will then forward forms as described in (A) above.

1. AIRCRAFT	MAKE: Stinson	MODEL: 108-3	SERIAL NO.: 108-4937	CAA IDENTIFICATION MARK: N 6937M
2. OWNER	NAME (First, middle, last): Consolidated Vultee Aircraft Corp., Stinson Division	ADDRESS (Street and number, city, zone, and state): Van Born Road Wayne, Michigan		

3. FILL IN INFORMATION IN THIS ITEM ONLY FOR THE UNIT REPAIRED AND/OR ALTERED

UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check): MAJOR REPAIR	NATURE OF WORK (Check): MAJOR ALTERATION
a. AIRCRAFT	(As described in Item 1 above)				X
b. PROPELLER BLADE OR HUB					
c. ENGINE					
d. INSTRUMENT	TYPE AND MANUFACTURER				

The following items are to be completed by repair or alteration agency. However, in the case of a *spare* component, item 4 will not be completed until such component is installed in an aircraft. At this time, item 4 will be completed by the installing agency, if applicable.

4. AIRCRAFT	EMPTY WEIGHT (Pounds)*: 1555#	EMPTY CENTER OF GRAVITY (Inches from datum)*: 13.06	USEFUL LOAD (Pounds)*: 905#

**AFTER the repairs and/or alterations described below were made.*

5. KIND OF AGENCY WHICH MADE REPAIRS AND/OR ALTERATIONS (Check)

☐ MANUFACTURER ☐ APPROVED REPAIR STATION NO. _____ (SPECIFY) ☒ CERTIFIED MECHANIC

AGENCY	NAME: Leo Bjorling for Great Lakes Airmotive, Inc.	ADDRESS (Street and number, city, zone, and state): Willow Run Airport Ypsilanti, Michigan	DATE WORK ACCOMPLISHED: June 30, 1949

7. DESCRIPTION OF WORK ACCOMPLISHED IN ACCORDANCE WITH PART 18 OF THE CIVIL AIR REGULATIONS AND ITS ASSOCIATED CIVIL AERONAUTICS MANUAL 18. *(If more space is needed, continue on reverse, or attach separate sheets bearing aircraft identification mark)*

Removed landing gear and tail wheel and installed Edo Floats model #2125.

See attached weight and balance Report.

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Leo Bjorling (signature)	101792 - A & E	June 30, 1949
SIGNATURE OF SUPERVISING MECHANIC	CERTIFICATE NUMBER AND RATING	DATE

TO BE COMPLETED BY CAA REPRESENTATIVES

☒ APPROVED ☐ REJECTED	SIGNATURE OF DESIGNEE: Leo Bjorling JCC	NUMBER: 3464	DATE: June 30, 1949
☐ FORWARDED FOR ENGINEERING APPROVAL	SIGNATURE OF INSPECTOR: Victor Taipale Victor Taipale	☐ ACCEPTED ☒ REINSPECTED	DATE: June 30, 1949

21372

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

FORM ACA-337
(11-7-46)

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

BUDGET BUREAU NO. 41-R052.1
APPROVAL EXPIRES DECEMBER 31, 1948

REPAIR AND ALTERATION FORM (AIRCRAFT, PROPELLERS, ENGINES, INSTRUMENTS)

INSTRUCTIONS - This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine, or instrument, as follows:

(A) For an Aircraft - Complete items 1, 2, 3a, 4, 5, 6, and 7 and submit to CAA representative for approval.

(B) For a Component Installed in an Aircraft - Complete items 1, 2, 3(b, c, or d, whichever is applicable), 4, 5, and 6, and submit as described in (A) above.

(C) For a Spare Component - Complete items 3(b, c, or d), 5, and 6, and submit to CAA representative for approval. When approved, retain both copies of this form with the component until installation on an aircraft. At that time, items 1, 2, and 4 must be completed by the installing agency, which will then forward forms as described in (A) above.

1. AIRCRAFT	MAKE	MODEL	SERIAL NO.	CAA IDENTIFICATION MARK
	Stinson	108-3	108-4937	N 6937M

2. OWNER	NAME (First, middle, last)	ADDRESS (Street and number, city, zone, and state)
	Consolidated Vultee Aircraft Corp., Stinson Division	Van Born Road Wayne, Michigan

3. FILL IN INFORMATION IN THIS ITEM ONLY FOR THE UNIT REPAIRED AND/OR ALTERED

UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check) MAJOR REPAIR	MAJOR ALTERATION
a. AIRCRAFT	(As described in item 1 above)				X
b. PROPELLER BLADE OR HUB					
c. ENGINE					
d. INSTRUMENT	TYPE AND MANUFACTURER				

The following items are to be completed by repair or alteration agency. However, in the case of a *spare* component, item 4 will not be completed until such component is installed in an aircraft. At this time, item 4 will be completed by the installing agency, if applicable.

4. AIRCRAFT	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*	USEFUL LOAD (Pounds)*
	1340#	11.88	1060#

**AFTER the repairs and/or alterations described below were made.*

5. KIND OF AGENCY WHICH MADE REPAIRS AND/OR ALTERATIONS (Check)

☐ MANUFACTURER ☐ APPROVED REPAIR STATION NO. _____ (SPECIFY) ☒ CERTIFIED MECHANIC

AGENCY	NAME	ADDRESS (Street and number, city, zone, and state)	DATE WORK ACCOMPLISHED
	Leo Bjorling for Great Lakes Airmotive, Inc.	Willow Run Airport Ypsilanti, Michigan	June 29, 1949

7. DESCRIPTION OF WORK ACCOMPLISHED IN ACCORDANCE WITH PART 18 OF THE CIVIL AIR REGULATIONS AND ITS ASSOCIATED CIVIL AERONAUTICS MANUAL 18. *(If more space is needed, continue on reverse, or attach separate sheets bearing aircraft identification mark)*

Installed Float Fittings per Stinson drawing number 108-3901001, Change Letter F. Airplane corrosion proofed in accordance with Paragraph No. 1 of Safety Regulation Release No. 303.

See attached Weight & Balance Report.

Approved by Form ACA 337 dated June 30 1949 covering installation of floats. V.T.

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE OF SUPERVISING MECHANIC	CERTIFICATE NUMBER AND RATING	DATE
Leo Bjorling	101792 - A & E	June 29, 1949

TO BE COMPLETED BY CAA REPRESENTATIVES.

☒ APPROVED ☐ REJECTED ☐ FORWARDED FOR ENGINEERING APPROVAL	SIGNATURE OF DESIGNEE	NUMBER	DATE
	Leo Bjorling JGC	3404	June 29, 1949
	SIGNATURE OF INSPECTOR: Victor Taipale	☐ ACCEPTED ☒ REINSPECTED	June 29, 1949

21372

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

FORM ACA-305
(8-26-47)

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

FORM APPROVED
BUDGET BUREAU NO. 41-R041.3

APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT

INSTRUCTIONS
Please submit this form to the Civil Aeronautics Administration Field Representative.

APPLICATION (Check whether)
- [x] ORIGINAL AIRWORTHINESS CERTIF.
- [ ] ANNUAL INSPECTION

CAA IDENTIFICATION
- [x] NC
- [ ] NR
- [ ] OTHER (Specify)
- [ ] NX
- [ ] NL

AIRCRAFT

MAKE	MODEL		
Stinson	108-3		
REGISTRATION NO.	MANUFACTURER'S SERIAL NO.	DATE MANUFACTURED	TYPE CERTIFICATE NO.
6937M	108-4937	6-49	767

ENGINE Serial No. 32714

MAKE	MODEL
Franklin	6A4-165-B3

OWNER'S NAME
Consolidated Vultee Aircraft Corporation
Stinson Division

PERMANENT ADDRESS (Street and number, City, Zone and State)
Van Born Road
Wayne, Michigan

ATTACHMENTS (Check which)
- [ ] ACA-319
- [x] ACA-337
- [ ] ACA-805
- [ ] ACA-317
- [x] WEIGHT AND BALANCE REPORT
- [ ] SPECIAL APPROVALS
- [ ] DATA, DRAWINGS, ETC.
- [ ] UNAPPROVED DEVIATION DATA

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE
Consolidated Vultee Aircraft Corporation, Stinson Division
J. G. R. Gregg
OWNER OR AUTHORIZED AGENT

June 27, 1949
DATE

Inspection Supervisor
TITLE

FORM ACA-305a (FORMERLY ACA-307) **AIRCRAFT INSPECTION REPORT**
(To be completed by a CAA inspector or a designated inspector or representative)

IT HAS BEEN DETERMINED THAT THE AIRCRAFT DESCRIBED IN 305 ABOVE IS IN CONFORMITY WITH THE FOLLOWING

ALL APPLICABLE MANDATORY NOTES, INSTRUMENT MARKINGS AND PLACARDING REQUIREMENTS HAVE BEEN COMPLIED WITH [x] YES [ ] NO

(AIRCRAFT SPECIFICATION - AIRWORTHINESS DIRECTIVE, NO(S). A- 767-5 ADs thru 49-24
(SPECIFY)

FORM ACA-1362, CERTIFICATE OF AIRWORTHINESS, ISSUED [x] ORIGINAL [ ] ANNUAL INSPECTION

(Check whether)
- [ ] OPERATION LIMITATIONS FORM ACA-309 WAS ISSUED, OR
- [x] APPROVED AIRPLANE FLIGHT MANUAL IS IN THE AIRCRAFT

FINDINGS

	DESIGNEE'S SIGNATURE AND NO.		DATE
[x] AIRWORTHY [ ] UNAIRWORTHY	CAA INSPECTOR'S SIGNATURE VICTOR TAIPALE Victor Taipale	[ ] ACCEPTED [x] REINSPECTED	DATE JUNE 27, 1949

REASON FOR DISAPPROVAL, OR REMARKS (Indicate if you have used the reverse to continue this or other item [ ] Yes [x] No)

Plate
ann
7-19-49
4-1

JEG

21049

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 N DATE: 6 - 24 - 86

Station Wagon
McCauley Propeller (Seaplane)
Primary Instruments less Clock & Turn & Bank Indicator
Float Fittings
Less Wheel Pants

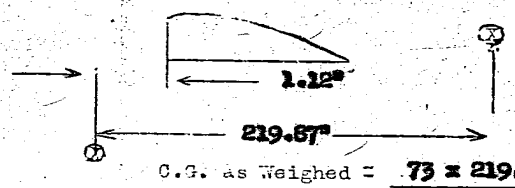
CONSOLIDATED VULTEE AIRCRAFT CORPORATION
Stinson Division
WEIGHT AND BALANCE

ACTUAL WEIGHT

License No. **N 6937M** Serial No. **108-1937**

Prepared by E. Sanders Approved by D. H. Gray

Date **June 27, 1949** C.A.A. Inspector Victor Pagnale



Reaction	Gross	Tare	Net
Left Wheel	640		640
Right Wheel	620		620
Tail Wheel	100	27	73
Total as Weighed			1333

C.G. as Weighed = $\frac{73 \times 219.87}{1333} - 1.12" = 10.92$ " Aft L.E. Wing

Airplane as Weighed	1333	10.92	14556
Less Oil 9 qts.	-17	-49	-833
Plus Unusable Fuel 4 gal.	+24	22	+528
Airplane Empty	1340	(11.88)	15917

Approved by Form ACA 337 dated June 3, 1947 covering installation of floats

ACTUAL WEIGHT

ITEM	GROSS WEIGHT CONDITION					
	Normal Category			Utility Category		
	Weight	Arm	Moment	Weight	Arm	Moment
Airplane Empty	1340	11.88	15917	1340	11.88	15917
Pilot & Passenger	340	16	5440	380	16	6080
Passengers - Rear	340	48	16320	0		
Baggage	87	75	6525	0	75	
Fuel - 46 gal.	276	22	6072	*263	22	5786
Oil - 9 qts.	17	-49	-833	17	-49	-833
Total	2400	(20.60)	49441	2000	(13.48)	26950
C.G. Location in % M.A.C.		36.18%			23.35%	

* **Full fuel exceeds gross weight by 13 lbs. in Utility Category.**

	MOST FORWARD C. G.			MOST REARWARD C. G.		
	Weight	Arm	Moment	Weight	Arm	Moment
Airplane Empty	1340	11.88	15917	1340	11.88	15917
Pilot	170	16	2720	170	16	2720
Passengers - Rear	0			340	48	16320
Baggage	0			100	75	7500
Fuel	82	22	1804	276	22	6072
Oil	17	-49	-833	17	-49	-833
Total	1609	(12.19)	19608	2243	(21.26)	47696
C.G. Location in % M.A.C.		21.02%			37.36%	

Approved C.G. Limits are 18.2% M.A.C. and 38.5% M.A.C.
N(+10.6)(18.2%MAC) to (+21.89)(38.5%MAC)
U(+10.6)(18.2%MAC) to (+17.18)(30.0%MAC)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 6 - 24 - 86