



Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY **airframe**

Company
 Manufacturer PORTERFIELD
 Model CP-65
 Tail # N32428
 Serial # 858
 Current Time Tach 237.2
 Total Time 2963.9
 A/C Cert. Date

44-44-44 99/99/03 NO AD'S FOR THIS MODEL AT THIS TIME/
 Method of Compliance
 SB #
 Signature *[Signature]* Date
 Next Due *next annual*
 Cert. # *35*

AIRCRAFT RECORDS - DO NOT DESTROY **engine**

Company
 Manufacturer TELEDYNE CONTINENTAL MOTORS
 Model A-65 SERIES
 Location Front
 Serial # 5652268
 TSMOH
 Total Time

46-36-01 08/27/46 PISTON PINS/
 Method of Compliance
 SB #
 Signature Date *1/28/2015* Next Due *Next time cyl is off*
 Cert. # *engine*

***81-07-06** 04/01/81 FUEL PUMP INSPECTION/
 Method of Compliance
 SB #
 Signature Date Next Due *NA*
 Cert. #

94-14-12 06/23/94 SUPERSEDED BY AD 95-21-15/
 Method of Compliance
 SB #
 Signature Date Next Due *NA*
 Cert. #

95-21-15 11/28/95 ENGINE TEARDOWN AND INSPECTION/
 Method of Compliance
 SB #
 Signature Date Next Due *NA*
 Cert. #

***96-12-22** 07/31/96 OIL FILTER ADAPTER ASSEMBLY NUT/
 Method of Compliance
 SB #
 Signature Date Next Due *NA*
 Cert. #

Prepared by _____ Date _____



US Department of Transportation
Federal Aviation Administration

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

OMB No. 2120-0020
Exp. 01/31/2023

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N32428	Serial No. 858		
	Make Porterfield	Model CP-65	Series	
2. Owner	Name (As shown on registration certificate) Gingras Carl A			
	Address (As shown on registration certificate) Address 3080 Avondale BLVD			
	City Avondale	State CO		
	Zip 81022-9767	Country USA		

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	Porterfield	(As described in Item 1 above)	858
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address			B. Kind of Agency		
Name Gregory Eastman	Address 529 W. Orman Ave	City Pueblo	State CO	Zip 81004	Country USA
			<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
			<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.	
			<input type="checkbox"/> Certificated Repair Station	3575573	
			<input type="checkbox"/> Certificated Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 10/25/2021
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. 3575573	Signature/Date of Authorized Individual 10/25/2021
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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A-720
Revision 5
Rankin
CP-55
CP-65
LP-65
FP-65
CS-65
March 8, 2017

TYPE CERTIFICATE DATA SHEET NO. A-720

Type Certificate Holder: Bradley Rankin
27166 Jet Road
Marysville, MO 64468

Type Certificate Holder Record: Joe Rankin d/b/a Rankin Aircraft transferred to
Bradley Rankin on March 8, 2017

I. Model CP-55, 2-PCLM

Engine Continental A-50-8
See Item 201(a) for optional engines

Engine Limits For all operations, 1900 rpm (50 hp)

Airspeed Limits Level flight or climb 102 mph (89 knots) True Ind.
Glide or dive 138 mph (120 knots) True Ind.

Propeller Limits Status rpm at maximum permissible throttle setting:
Not over 1875, no under 1670. No additional tolerance permitted.
Diameter: not over 85 in., not under 70 in.

C.G. Range (+10.5) to (+19.9)

Empty Weight (+15.8) to (+16.4)
If empty weight C.G. falls within this range, it is unnecessary to check critical
forward and aft C.G. positions. This range is not valid for non-standard
arrangements.

Maximum Weight 1160 lbs.

No. of Seats 2 (+8 and +36)

Maximum Baggage 40 lbs. (+52)

Fuel Capacity 13 ½ gal (-16)

Oil Capacity 1 gal (-31)

Serial No. Eligible 651 and On (manufactured prior to January 8, 1946)

Required Equipment In addition to the pertinent required basic equipment specified in CAR 4a, the
following items of equipment must be installed:
101, 102, 103, 104, 105, 106, 107, 108

Not eligible for original certification with single ignition engine after
August 1, 1941

Page No.	1	2	3	4	5	6
Rev. No.	5	3	4	3	3	3

U. S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		Form Approved, Budget Bureau No. 41-10615
APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT		INSTRUCTIONS Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.
1. TYPE OF APPLICATION (Check which)		
<input type="checkbox"/> ORIGINAL ISSUANCE OF CERTIFICATE <input type="checkbox"/> ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE <input type="checkbox"/> AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE		
<input type="checkbox"/> RECERTIFICATION UNDER THE PROVISIONS OF CAR 6 <input type="checkbox"/> MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 6 <input type="checkbox"/>		
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):		
<input checked="" type="checkbox"/> STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES) <input type="checkbox"/> LIMITED (SEE CAR 6) <input type="checkbox"/> RESTRICTED (SEE CAR 6)		
(Check the restricted special purpose operation(s) to be conducted)		
<input type="checkbox"/> AGRICULTURAL AND PEST CONTROL <input type="checkbox"/> AERIAL ADVERTISING <input type="checkbox"/> AERIAL SURVEYING <input type="checkbox"/> GLIDER TOWING		
<input type="checkbox"/> PATROLLING <input type="checkbox"/> FOREST AND WILDLIFE CONSERVATION <input type="checkbox"/> WEATHER CONTROL <input type="checkbox"/> OTHER		
<input type="checkbox"/> EXPERIMENTAL (Check the type of experimental operation(s) to be conducted)		
<input type="checkbox"/> RESEARCH AND DEVELOPMENT <input type="checkbox"/> AMATEUR-BUILT <input type="checkbox"/> DEMONSTRATION		
<input type="checkbox"/> RACING <input type="checkbox"/> EXHIBITION <input type="checkbox"/> OTHER		
3. AIRCRAFT IDENTIFICATION (Complete all items)		
a. AIRCRAFT MAKE	b. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Porterfield	C1-65	858
d. ENGINE MAKE	e. ENGINE MODEL	
Continental	A65-8	
4. AIRCRAFT REGISTRATION INFORMATION (Complete all items)		
a. REGISTERED OWNER'S FULL NAME	b. PERMANENT MAILING ADDRESS	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK
John O Messick & Jesse J. Messick	414 E. 242 ST Greenville NC	32428
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:		
<input checked="" type="checkbox"/> CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A), DATE OF ISSUE Jul 29-56		
<input type="checkbox"/> APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B), FORM ACA-500, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, W-30 ON _____ (DATE)		
<input type="checkbox"/> DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED _____		
<small>*In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (12) of the Civil Aeronautics Act of 1938, as amended.</small>		
ATTACHMENTS (Check which)		
<input checked="" type="checkbox"/> ACA-319 <input type="checkbox"/> WEIGHT AND BALANCE REPORT <input checked="" type="checkbox"/> ACA-337 <input type="checkbox"/> DATA, DRAWINGS, ETC. <input type="checkbox"/> ACA-317 <input type="checkbox"/> UNAPPROVED DEVIATION DATA		
A. S. Perkins (SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)		8-10-57 (DATE)
(TITLE)		(TITLE)

Acad
10-31-79
LCC

40

1957/2350 filed.

MC

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
 MIAMI, FLA.

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 Porterfield	MODEL OP-65
	SERIAL NO. 858	NATIONALITY AND REGISTRATION MARK N5242B
2. OWNER	NAME (As shown on registration certificate) William Leo Singleton	ADDRESS (As shown on registration certificate) 4240 Palm Ave. Miami, Florida

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
				REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****			<input checked="" type="checkbox"/>	
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS BH Deakins 1937 NW 100th Miami, Florida 33169	B. KIND OF AGENCY	C. CERTIFICATE NO. A & P 1468255
	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> 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.

DATE 2 - 23 - 74	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>BH Deakins</i>
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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	<input checked="" type="checkbox"/> INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 2-25-74	CERTIFICATE OR DESIGNATION NO. A I 1468255	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>BH Deakins</i>		

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION. (Airframe, Powerplant, Propeller, or Appliance)					
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	PORTERFIELD		MODEL	GP-65
	SERIAL NO.	858		NATIONALITY AND REGISTRATION MARK	N32428
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	William Leo Singleton			4240 Palm Ave. Hialeah, Fl.	
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
R.H. Deakins 18330 N.W. 10 Ct. Miami, Fl.			<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		AP 1468255
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		
12-1-72			<i>R.H. Deakins</i>		
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	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		
12-15-72		AI 1468255	<i>R.H. Deakins</i>		

Verified by Operator 936		FEDERAL AVIATION AGENCY 48		678 Form approved. Budget Bureau No. 04-1096.	
MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)					
1. AIRCRAFT MAKE	Textronfield	MODEL	CF-65	SERIAL NO.	858
2. OWNER NAME (First, middle, last)			ADDRESS (Street and number, city, state and State)		
Robert C. Jenkins			3520 Palm Avenue, Hialeah, Florida.		
3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 19.					
UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check)	
1. AIRFRAME	TEXTRONFIELD			MAJOR REPAIR	MAJOR ALTERATION
2. POWERPLANT				X	
3. PROPELLER	REC'D 1968				
4. APPLIANCE	MIAMI, FLORIDA				
4. AIRCRAFT WEIGHT AND BALANCE DATA <small>*AFTER the repairs and/or alterations described below were made.</small>					
CATEGORY	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*		USEFUL LOAD (Pounds)*	
Normal	822	+ 17.7		378	
5. CONFORMITY STATEMENT (Complete and check)					
a. AGENCY'S NAME AND ADDRESS			b. KIND OF AGENCY		c. CERTIFICATE NO.
A. L. Matthews 9850 S.W. 197 Street Miami 57, Fla.			<input checked="" type="checkbox"/> U. S. Certificated Mechanic. <input type="checkbox"/> Foreign Certificated Mechanic, <input type="checkbox"/> Certificated Repair Station. <input type="checkbox"/> Manufacturer. <input type="checkbox"/> (Check if repair or alteration was made under delegation option procedures.)		M-5769 R&P
4. 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.					
December 14, 1963 <small>(Date repair and/or alteration completed)</small>			J.L. Matthews <small>(Signature of authorized individual)</small>		
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					
3		<input checked="" type="checkbox"/> APPROVED } BY <input type="checkbox"/> FAA Designee <input type="checkbox"/> Manufacturer <input type="checkbox"/> Canadian Department of Transport Inspector of Aircraft <input type="checkbox"/> REJECTED } <input type="checkbox"/> FAA Flight Standards Inspector <input type="checkbox"/> Repair Station <input checked="" type="checkbox"/> Other (Specify) Inspection AUTHORIZED			
December 14, 1963 <small>(Date of approval or rejection)</small>		J.L. Matthews M-5769 <small>(Signature of authorized individual; title or identification number)</small>			
7. TO BE COMPLETED ONLY BY FAA PERSONNEL					
<input type="checkbox"/> Forwarded for engineering comment <input type="checkbox"/> See attached memorandum <input checked="" type="checkbox"/> Accepted <u>12-19-63</u> <small>(Date)</small> <input type="checkbox"/> Reinspected <input type="checkbox"/> Spot Checked <input type="checkbox"/>					
705 SO GADO 5 <small>(FAA designation number)</small>		James C. Clark <small>(Signature Flight Standards Inspector)</small>			

18 DEC 30 1963 Form FAA-537 (4-52)

U. S. DEPARTMENT OF COMMERCE
 CIVIL AERONAUTICS ADMINISTRATION

Form approved
 Budget Bureau No. 41-20814

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

1. AIRCRAFT NAME Porterfield	MODEL CP65	SERIAL NO. 858	NATIONALITY AND REGISTRATION MARK N-32428
2. OWNER NAME (Firm, name, etc.) Clarence G. Finch & Paul Nemeth		ADDRESS (Street and number, city, state and State) 1070 W 56th Place Hialeah, Florida	
3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.			
UNIT	NAME	MODEL	SERIAL NO.
			NATURE OF WORK (Check)
			MAJOR REPAIR
			MAJOR ALTERATION
a. AIRFRAME	***** (As described in item 1 above) *****		<input checked="" type="checkbox"/>
b. POWERPLANT			
c. PROPELLER			
d. APPLIANCE	TYPE AND MANUFACTURER		
4. AIRCRAFT WEIGHT AND BALANCE DATA <small>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.</small>			
CATEGORY	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*	USEFUL LOAD (Pounds)*
Standard	720 pounds 812	+17.7 +17.7	452 lbs. 377
5. CONFORMITY STATEMENT (Complete and check)			
a. AGENCY'S NAME AND ADDRESS		b. KIND OF AGENCY	c. CERTIFICATE NO.
Paul P. Nemeth 2901 S.W. 79th Court Miami, 55, Florida		<input checked="" type="checkbox"/> U. S. Certificated Mechanic. <input type="checkbox"/> Foreign Certificated Mechanic. <input type="checkbox"/> Certificated Repair Station. <input type="checkbox"/> Manufacturer. <input type="checkbox"/> (Check if repair or alteration was made under delegation option procedure.)	A&E 1248580
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 23, 1959 <small>(Date repair and/or alteration completed)</small>		Paul P. Nemeth <small>(Signature of authorized individual)</small>	
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:			
<input checked="" type="checkbox"/> APPROVED	BY	<input type="checkbox"/> CAA Designee	<input type="checkbox"/> Manufacturer
<input type="checkbox"/> REJECTED		<input type="checkbox"/> CAA Aviation Safety Agent	<input type="checkbox"/> Repair Station
		<input type="checkbox"/> Canadian Department of Transport Inspector of Aircraft	<input checked="" type="checkbox"/> Other (Specify) Insp. Authorization
July 12, 1959 <small>(Date of approval or rejection)</small>		E. M. Mott AI 9163 <small>(Signature of authorized individual, title or identification number)</small>	
7. TO BE COMPLETED ONLY BY CAA PERSONNEL			
a. <input type="checkbox"/> Forwarded for engineering comment <input type="checkbox"/> See attached memorandum			
b. <input checked="" type="checkbox"/> Accepted 7-16-59 <input type="checkbox"/> Reinspected _____ (Date) <input type="checkbox"/> Spot Checked _____ (Date)			
2-13 <small>(CAA designation number)</small>		Joseph B. Beale <small>(Signature Aviation Safety Agent)</small>	

U. S. DEPARTMENT OF TRANSPORTATION <small>FEDERAL AVIATION ADMINISTRATION</small>				
MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)				
1. AIRCRAFT <small>TYPE, MAKE, MODEL, AND SERIAL NO.</small>	2. MAKE Boeing	3. MODEL 707	4. SERIAL NO. 27000	5. AIRCRAFT REGISTRATION NO. N70700
6. OWNER John G. Smith & Paula J. Smith		7. ADDRESS 425 E. 1st St., Phoenix, AZ		
8. COMPLETE THIS FORM ONLY IF THE AIRCRAFT IS BEING REPAIRED, MAINTAINED, OR ALTERED IN ACCORDANCE WITH THE PROVISIONS OF 14 CFR, PART 43, SUBPART D, SECTION 43.11.				
9. AIRFRAME	10. POWERPLANT	11. PROPELLER	12. APPLIANCE	13. OTHER
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. AIRCRAFT WEIGHT AND BALANCE DATA <small>Indicate the weight and distribution of the aircraft as shown on the weight and balance report.</small>				
Standard	700	20.0	60	
15. APPROVED BY A LICENSED AIRCRAFT MECHANIC				
16. NAME AND ADDRESS A. J. Parker		17. SIGNATURE [Signature]		
18. I certify that the work under this form complies with the rules described herein and I am not providing any service or performing any maintenance which has not been approved by the Federal Aviation Administration.				
19. APPROVED BY THE AIRCRAFT MANUFACTURER OR HIS AUTHORIZED REPRESENTATIVE <small>Indicate the authority specified under the last sentence of Sec 43.11 as approved in the report provided to the Federal Aviation Administration.</small>				
<input checked="" type="checkbox"/> APPROVED BY <input type="checkbox"/> REJECTED BY		<input type="checkbox"/> FAA Design <input type="checkbox"/> Manufacturer <input type="checkbox"/> Dealer/Representative of Transport Category Aircraft <input type="checkbox"/> FAA Approval <input type="checkbox"/> Repair Station <input checked="" type="checkbox"/> Other (Specify) - FAA FIELD		
20-21		22-23		
24. TO BE COMPLETED ONLY BY THE AIRCRAFT MANUFACTURER				
<input type="checkbox"/> Forwarded for engineering record <input type="checkbox"/> Re-issued to aircraft owner <input type="checkbox"/> Accepted <input checked="" type="checkbox"/> Completed 9-26-83 <input type="checkbox"/> In Progress				
[Signature] <small>Signature of Manufacturer</small>		[Signature] <small>Signature of FAA Representative</small>		

U. S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		Form Approved, Budget Bureau No. 41-281A	
APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT		INSTRUCTIONS Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.	
1. TYPE OF APPLICATION (Check which)			
<input type="checkbox"/> ORIGINAL ISSUANCE OF CERTIFICATE <input checked="" type="checkbox"/> ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE <input type="checkbox"/> AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE		<input type="checkbox"/> RECERTIFICATION UNDER THE PROVISIONS OF CAR 8 <input type="checkbox"/> MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8 <input type="checkbox"/>	
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 air- worthiness classification(s):			
<input checked="" type="checkbox"/> STANDARD (NORMAL UTILITY, ACROBATIC, TRANSPORT CATEGORIES) <input type="checkbox"/> LIMITED (SEE CAR 8) <input type="checkbox"/> RESTRICTED (SEE CAR 8) <small>(Check the restricted special purpose operations to be conducted)</small>			
<input type="checkbox"/> AGRICULTURAL AND PEST CONTROL <input type="checkbox"/> AERIAL ADVERTISING <input type="checkbox"/> AERIAL SURVEYING <input type="checkbox"/> GLIDER TOWING		<input type="checkbox"/> PATROLLING <input type="checkbox"/> FOREST AND WILDLIFE CONSERVATION <input type="checkbox"/> WEATHER CONTROL <input type="checkbox"/> OTHER	
<input type="checkbox"/> EXPERIMENTAL <small>(Check the type of experimental operation to be conducted)</small>			
<input type="checkbox"/> RESEARCH AND DEVELOPMENT <input type="checkbox"/> AMATEUR-BUILT <input type="checkbox"/> DEMONSTRATION		<input type="checkbox"/> RACING <input type="checkbox"/> EXHIBITION <input type="checkbox"/> OTHER	
3. AIRCRAFT IDENTIFICATION (Complete all items)			
a. AIRCRAFT MAKE Porterfield		b. AIRCRAFT MODEL CP-65	c. AIRCRAFT SERIAL NO. 858
d. ENGINE MAKE Continental		e. ENGINE MODEL A65-8	
4. AIRCRAFT REGISTRATION INFORMATION (Complete all items)			
a. REGISTERED OWNER'S FULL NAME Lionel J. Casey, Jr.		b. PERMANENT MAILING ADDRESS 3522 Lens Ave., Norfolk, Va.	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK N32428
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 601 or 602 and when operated displays the following evidence of registration:			
<input checked="" type="checkbox"/> CERTIFICATE OF REGISTRATION, FORM ACA-308 (PART A), DATE OF ISSUE <u>Aug. 2, 1954</u>			
<input type="checkbox"/> APPLICATION FOR REGISTRATION, FORM ACA-308 (PART B), FORM ACA-308, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, W-308 ON _____ (DATE)			
<input type="checkbox"/> DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED _____			
<small>*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 1958, as amended.</small>			
ATTACHMENTS (Check which)		X Jesse J. Messick <small>(SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)</small> 11-19-54 agent <small>(DATE) (TITLE)</small>	
<input checked="" type="checkbox"/> ACA-319 <input type="checkbox"/> WEIGHT AND BALANCE REPORT <input checked="" type="checkbox"/> ACA-317 <input type="checkbox"/> DATA DRAWINGS, ETC. <input type="checkbox"/> ACA-317 <input type="checkbox"/> UNAPPROVED DEVIATION DATA			

11-30-54

121

U. S. DEPARTMENT OF COMMERCE
 CIVIL AERONAUTICS ADMINISTRATION

Form approved
 Budget Bulletin No. 41-2082A

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

1. AIRCRAFT	MAKE Porterfield	MODEL CP-65	SERIAL NO. 858	NATIONALITY AND REGISTRATION MARK N 32428
2. OWNER	NAME (First, middle, last) Lionel J. Casey, Jr. ADDRESS (Street and number, city, state and zone) 3328 LANS AVENUE Norfolk, Virginia			
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 <small>*AFTER the repairs and/or alterations described below were made.</small> 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)*	
	770	16.5	430	
5. CONFORMITY STATEMENT (Complete and check)				
a. AGENCY'S NAME AND ADDRESS Charles F Brown Rocky Mount, N.C.		b. KIND OF AGENCY <input checked="" type="checkbox"/> U. S. Certificated Mechanic. <input type="checkbox"/> Foreign Certificated Mechanic. <input type="checkbox"/> Certificated Repair Station. <input type="checkbox"/> Manufacturer. <input type="checkbox"/> (Check if repair or alteration was made under delegation option procedures.)		c. CERTIFICATE NO. AMP 1277311
6. 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. Nov. 19, 1954 <small>(Date repair and/or alteration completed)</small> <i>Charles F. Brown</i> <small>(Signature of authorized individual)</small>				
7. 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 proscribed by the Administrator and is <input checked="" type="checkbox"/> APPROVED BY { <input checked="" type="checkbox"/> CAA Designee <input type="checkbox"/> Manufacturer <input type="checkbox"/> Canadian Department of Transport Inspector of Aircraft <input type="checkbox"/> REJECTED BY { <input type="checkbox"/> CAA Aviation Safety Agent <input type="checkbox"/> Repair Station <input type="checkbox"/> Other (Specify) November 19, 1954 <small>(Date of approval or rejection)</small> <i>E. F. Pullen</i> 251 <small>(Signature of authorized individual; title or identification number)</small>				
8. TO BE COMPLETED ONLY BY CAA PERSONNEL <input type="checkbox"/> Forwarded for engineering comment <input type="checkbox"/> See attached memorandum <input checked="" type="checkbox"/> Accepted 11-23-54 <input type="checkbox"/> Reinspected _____ <input type="checkbox"/> Spot Checked _____ <small>(Date)</small> <small>(Date)</small> <small>(Date)</small> <i>Reg. 2 B.V.</i> 1070 IR <small>(CAA designation number)</small> <i>Frederick Andrews</i> <small>(Signature Aviation Safety Agent)</small>				

U. S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		Form Approved, Budget Bureau No. 41-2011-A	
APPLICATION FOR AIRWORTHINESS CERTIFICATE AND/OR ANNUAL INSPECTION OF AN AIRCRAFT		INSTRUCTIONS Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.	
1. TYPE OF APPLICATION (Check initial)			
a. <input type="checkbox"/> ORIGINAL ISSUANCE OF CERTIFICATE b. <input checked="" type="checkbox"/> ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE c. <input type="checkbox"/> AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE		d. <input type="checkbox"/> RECERTIFICATION UNDER THE PROVISIONS OF CAR 3 e. <input type="checkbox"/> MULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 3 f. <input type="checkbox"/>	
2. AIRWORTHINESS CLASSIFICATION (Check appropriate group) It is requested that the Certificate of Airworthiness be issued to permit operation of the aircraft in the following airworthiness classification(s):			
a. <input checked="" type="checkbox"/> STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES) b. <input type="checkbox"/> LIMITED (SEE CAR 9) c. <input type="checkbox"/> RESTRICTED (SEE CAR 9) (Check the restricted special purpose operation(s) to be conducted)			
<input type="checkbox"/> AGRICULTURAL AND PEST CONTROL <input type="checkbox"/> AERIAL ADVERTISING <input type="checkbox"/> AERIAL SURVEYING <input type="checkbox"/> GLIDER TOWING		<input type="checkbox"/> PATROLLING <input type="checkbox"/> FOREST AND WILDLIFE CONSERVATION <input type="checkbox"/> WEATHER CONTROL <input type="checkbox"/> OTHER	
d. <input type="checkbox"/> EXPERIMENTAL (Check the type of experimental operation(s) to be conducted)			
<input type="checkbox"/> RESEARCH AND DEVELOPMENT <input type="checkbox"/> AMATEUR-BUILT <input type="checkbox"/> DEMONSTRATION		<input type="checkbox"/> RACING <input type="checkbox"/> EXHIBITION <input type="checkbox"/> OTHER	
3. AIRCRAFT IDENTIFICATION (Complete all items)			
a. AIRCRAFT MAKE <i>Porter Field</i>		b. AIRCRAFT MODEL <i>CP15</i>	c. AIRCRAFT SERIAL NO. <i>958</i>
d. ENGINE MAKE <i>Continental</i>		e. ENGINE MODEL <i>A65-9</i>	
4. AIRCRAFT REGISTRATION INFORMATION (Complete all items)			
a. REGISTERED OWNER'S FULL NAME <i>Marshall A. Ellis</i>		b. PERMANENT MAILING ADDRESS <i>8263 5th Fernando Rd Sun Valley, Calif.</i>	c. AIRCRAFT NATIONALITY AND REGISTRATION MARK <i>N-32428</i>
5. AIRCRAFT OWNER'S CERTIFICATION (Check and complete appropriate items) 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. <input type="checkbox"/> CERTIFICATE OF REGISTRATION, FORM ACA-309 (PART A), DATE OF ISSUE _____			
b. <input checked="" type="checkbox"/> APPLICATION FOR REGISTRATION, FORM ACA-309 (PART B), FORM ACA-309, PART A, FORWARDED TO CAA AIRCRAFT RECORDS BRANCH, _____ <small>OR-309 OR (DATE)</small> <i>8-26-53</i>			
c. <input type="checkbox"/> DEALER'S REGISTRATION CERTIFICATE, FORM ACA-170, DATED _____			
<small>*In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (11) of the Civil Aeronautics Act of 1958, as amended.</small>			
ATTACHMENTS (Check initial)		<i>Marshall A. Ellis</i> (SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT)	
<input checked="" type="checkbox"/> ACA-309 <input type="checkbox"/> PAYMENT AND BALANCE REPORT <input type="checkbox"/> ACA-307 <input type="checkbox"/> DATA, DRAWINGS, ETC. <input type="checkbox"/> ACA-307 <input type="checkbox"/> UNAPPROVED DEVIATION DATA		<i>Sept 19, 53</i> OWNER (DATE) (TITLE)	

11-90

11-13-3

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U. S. DEPARTMENT OF COMMERCE
 CIVIL AERONAUTICS ADMINISTRATION
 Form approved
 Budget Project No. 41-8882.4

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

1. AIRCRAFT	NAME Pittsburgh	MODEL CP-65	SERIAL NO. 859	NATIONALITY AND REGISTRATION MARK N 32428
2. OWNER	NAME (First, middle, last) "AIRHALL ALLEN" LLC 8263 SAN FERNANDO RD CUT VALLEY, CALIF.			

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 (Class)	
				MAJOR REPAIR	MAJOR ALTERATION
a. AIRFRAME	As described in Item 1 above			XX	
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)*
STANDARD	770	16.3	430

5. CONFORMITY STATEMENT (Complete and check)

a. AGENCY'S NAME AND ADDRESS FRANK L. MC CLASKEY 7047 CLAYBROCK AVE BURENDAK, CALIF.	b. KIND OF AGENCY <input checked="" type="checkbox"/> U. S. Certificated Mechanic. <input type="checkbox"/> Foreign Certificated Mechanic. <input type="checkbox"/> Certificated Repair Station. <input type="checkbox"/> Manufacturer. <input type="checkbox"/> (Check if repair or alteration was made under delegation option procedure.)	c. CERTIFICATE NO. ACE 9995
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6. 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.
 Frank L. Mc Claskey
 (Date of repair or alteration) 10/22/83

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 | BY | CAA Designee | Manufacturer | Canadian Department of Transport Inspector of Aircraft
 REJECTED | CAA Aviation Safety Agent | Repair Station | Other (Specify)

10/22/83 (Date of approval for return to service)
 FRANK L. MC CLASKEY 6558 (Signature of authorized individual, title or identification number)

7. TO BE COMPLETED ONLY BY CAA PERSONNEL

Forwarded for engineering comment | See attached memorandum
 Accepted 10/22/83 (Date) | Reinspected (Date) | Spot Checked (Date)

HA257-13 (CAA designation number)
 B. T. [Signature] (Signature of Aviation Safety Agent)

Form ACA-305 (11-49)		DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		Form Approved Budget Bureau No. 41-2041.4	
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) <input type="checkbox"/> ORIGINAL AIRWORTHINESS CERTIFICATE <input checked="" type="checkbox"/> ANNUAL INSPECTION		2. AIRWORTHINESS CLASSIFICATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RESTRICTED <input type="checkbox"/> EXPERIMENTAL <input type="checkbox"/> LIMITED <input type="checkbox"/> OTHER			
3. MAKE Porterfield			5. NATIONALITY AND REGISTRATION MARK N32428		
4. MODEL CP-65			6. MANUFACTURER'S SERIAL NO. 858		
7. MAKE Continental			8. MODEL A-65-8		
9. OWNER'S NAME J. F. Hack and J. L. Carter			10. (GIVE ADDRESS ONLY IF IT HAS BEEN CHANGED FROM THAT GIVEN ON YOUR CERTIFICATE OF REGISTRATION, FORM ACA-300) 1146 N. Fairview St., Burbank, Calif.		
11. ATTACHMENTS (CHECK WHICH) <input checked="" type="checkbox"/> ACA-319 <input type="checkbox"/> WEIGHT AND BALANCE REPORT <input type="checkbox"/> ACA-317 <input type="checkbox"/> DATA, DRAWINGS, ETC. <input type="checkbox"/> ACA-317 <input type="checkbox"/> UNAPPROVED DEVIATION DATA		12. I CERTIFY that the above statements are true. 7/16/51 (DATE) <i>J. L. Carter</i> (OWNER OR AUTHORIZED AGENT) Owner(s) (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. <input checked="" type="checkbox"/> AIRCRAFT SPECIFICATION NO. 720 THROUGH SHEET REVISION NO. 1/18/49					
b. <input type="checkbox"/> AIRCRAFT LISTING PAGE NO. _____					
c. <input checked="" type="checkbox"/> AIRWORTHINESS DIRECTIVE SUMMARY 1951 THROUGH CARD NO. 16 (YEAR)					
d. <input type="checkbox"/> OPERATIONS LIMITATIONS FORM ACA-309 ISSUED.					
e. <input checked="" type="checkbox"/> OPERATIONS LIMITATIONS FORM ACA-309 IS AVAILABLE IN AIRCRAFT.					
f. <input type="checkbox"/> CURRENT, APPROVED, AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT.					
g. <input checked="" type="checkbox"/> ALL APPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH.					
h. <input checked="" type="checkbox"/> CERTIFICATE OF AIRWORTHINESS FORM ACA-1342 WAS ISSUED.					
FINDINGS					
14. <input checked="" type="checkbox"/> AIRWORTHY <input type="checkbox"/> UNAIRWORTHY		15. DESIGNER'S SIGNATURE <i>J. F. Hack</i>		16. DESIGNATION NO. 6816	
		18. AVIATION SAFETY AGENT'S SIGNATURE <i>J. L. Carter</i>		17. DATE 7/16/51	
				19. <input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> REINSPECTED	
				20. DATE 7/20/51	
21. REASON FOR DISAPPROVAL OR REMARKS (INDICATE IF YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO All 8-22-1 MWX					

FAA AIRCRAFT REGISTRY
CAMERA NO. SN DATE: 2-3-84

Form ACA-305 (12-47)		DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		FORM APPROVED BODSEY BUREAU NO. 41-2041.2	
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 which)		AIRWORTHINESS CLASSIFICATION			
<input type="checkbox"/> ORIGINAL AIRWORTHINESS CERTIFICATE <input checked="" type="checkbox"/> ANNUAL INSPECTION		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RESTRICTED <input type="checkbox"/> EXPERIMENTAL <input type="checkbox"/> LIMITED <input type="checkbox"/> OTHER			
AIRCRAFT					
MAKE Porterfield		MODEL CP-65		TYPE CERTIFICATE NO. 720	
REGISTRATION NO. 32428		MANUFACTURER'S SERIAL NO. 858			
ENGINE					
MAKE Continental		MODEL A-65-E			
OWNER'S NAME J.F. Hack & J. L. Carter		PERMANENT ADDRESS (Street and number, city, state, and State) 1636 North Frederic, Burbank, California			
ATTACHMENTS (Check which)		I CERTIFY that the above statements are true.			
<input checked="" type="checkbox"/> ACA-319 <input type="checkbox"/> WEIGHT AND BALANCE REPORT <input type="checkbox"/> ACA-317 <input type="checkbox"/> DATA, DRAWINGS, ETC. <input type="checkbox"/> ACA-317 <input type="checkbox"/> UNAPPROVED DEVIATION DATA		July 11, 1950 <i>Joseph P. Lytle</i> (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 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
AIRCRAFT SPECIFICATION-AIRWORTHINESS DIRECTIVE NO(S). A-720 ADS thru card 50-27 <small>(Specify)</small>					
FORM ACA-1362, CERTIFICATE OF AIRWORTHINESS, ISSUED <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> ANNUAL INSPECTION					
(Check whether)					
<input checked="" type="checkbox"/> OPERATION LIMITATIONS FORM ACA-309 ISSUED in airplane					
<input type="checkbox"/> APPROVED AIRPLANE FLIGHT MANUAL IS IN THE AIRCRAFT					
FINDINGS					
<input checked="" type="checkbox"/> AIRWORTHY		DESIGNER'S SIGNATURE AND NO. <i>H. A. Scott</i> 6316		DATE 7/11/50	
<input type="checkbox"/> UNAIRWORTHY		CAA INSPECTOR'S SIGNATURE <i>Joseph P. Lytle</i>		<input checked="" type="checkbox"/> ACCEPTED DATE <input type="checkbox"/> REINSPECTED 7/25/50	
REASON FOR DISAPPROVAL OR REMARKS (Indicate if you have used the reverse to continue this or other items.) <input type="checkbox"/> 1/2 <input checked="" type="checkbox"/> 1/3					
Ann 8-29-0 MW X					

FORM ACA-308 (3-3-47)		DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		FORM APPROVED BUDGET BUREAU NO. 41-2041.3	
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) <input type="checkbox"/> ORIGINAL AIRWORTHINESS CERTIF. <input checked="" type="checkbox"/> ANNUAL INSPECTION		CAA IDENTIFICATION <input checked="" type="checkbox"/> NC <input type="checkbox"/> MW <input type="checkbox"/> OTHER (Specify) <input type="checkbox"/> NR <input type="checkbox"/> RL			
AIRCRAFT					
MAKE Porterfield			MODEL CP-65		
REGISTRATION NO. N C 52428	MANUFACTURER'S SERIAL NO. 868	DATE MANUFACTURED 11-17-40	TYPE CERTIFICATE NO. 720		
ENGINE					
MAKE Continental			MODEL A 65-8		
OWNER'S NAME J.F. Back & J.L. Carter			PERMANENT ADDRESS (Street and number, City, Zone and State) 1636 No. Frederic, Burbank, Calif.		
ATTACHMENTS (Check which) <input type="checkbox"/> ACA-319 <input type="checkbox"/> WEIGHT AND BALANCE REPORT <input type="checkbox"/> ACA-337 <input type="checkbox"/> SPECIAL APPROVALS <input type="checkbox"/> ACA-505 <input type="checkbox"/> DATA, DRAWINGS, ETC. <input type="checkbox"/> ACA-317 <input type="checkbox"/> UNAPPROVED DEVIATION DATA		I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE <i>Charles H. Lane</i> OWNER OR AUTHORIZED AGENT Agent DATE: 6-23-49 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 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
AIRCRAFT SPECIFICATION - AIRWORTHINESS DIRECTIVE, NOIS. A: 720 then 1-18-49 & ADS then 49-20 SPECIFY:					
AUTHORITY FOR EXCEPTIONS (if any)					
FORM ACA-1362, CERTIFICATE OF AIRWORTHINESS, ISSUED <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> ANNUAL INSPECTION					
(Check whether) OPERATION LIMITATIONS FORM ACA-309 <input checked="" type="checkbox"/> IN AIRCRAFT					
<input type="checkbox"/> APPROVED AIRPLANE FLIGHT MANUAL IS IN THE AIRCRAFT					
FINDINGS					
<input checked="" type="checkbox"/> AIRWORTHY <input type="checkbox"/> UNAIRWORTHY	DESIGNER'S SIGNATURE AND NO. <i>[Signature]</i> 6233		DATE 6-23-49		
	CAA INSPECTOR'S SIGNATURE <i>[Signature]</i>		<input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> REINSPECTED	DATE 6/24/49	
REASON FOR DISAPPROVAL, OR REMARKS (Indicate if you have used the reverse to continue this or other item <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) SRR 586 + 249 Not c/o					

JEC
22622

*done
7-19-49
200*

FORM ACA-306 13-9-47		DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		FORM APPROVED BUDGET BUREAU NO. 41-2061.3	
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)		CAA IDENTIFICATION			
<input type="checkbox"/> ORIGINAL AIRWORTHINESS CERTIF. <input checked="" type="checkbox"/> ANNUAL INSPECTION		<input checked="" type="checkbox"/> NC <input type="checkbox"/> NR <input type="checkbox"/> OTHER (Specify) <input type="checkbox"/> NE <input type="checkbox"/> NL			
AIRCRAFT					
MAKE <i>Porterfield</i>		MODEL <i>CP-65</i>			
REGISTRATION NO. <i>NC 32428</i>	MANUFACTURER'S SERIAL NO. <i>858</i>	DATE MANUFACTURED <i>Dec. 1940</i>	TYPE CERTIFICATE NO. <i>730</i>		
ENGINE					
MAKE <i>Continental</i>		MODEL <i>A65</i>			
OWNER'S NAME <i>Jack F. Hawk</i> <i>Jack L. Carter</i>		PERMANENT ADDRESS (Street and number, City, Zone and State) <i>1146 N. Fairview</i> <i>Burbank, Calif.</i>			
AGREEMENTS (Check which)		I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE.			
<input checked="" type="checkbox"/> ACA-339 <input type="checkbox"/> WEIGHT AND BALANCE REPORT <input checked="" type="checkbox"/> ACA-337 <input type="checkbox"/> SPECIAL APPROVALS <input type="checkbox"/> ACA-809 <input type="checkbox"/> DATA, DRAWINGS, ETC. <input type="checkbox"/> ACA-227 <input type="checkbox"/> UNAPPROVED DEVIATION DATA		<i>Jack F. Hawk</i> OWNER OR AUTHORIZED AGENT <i>June 24, 1948</i> DATE 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 <input type="checkbox"/> YES <input type="checkbox"/> NO					
AIRCRAFT SPECIFICATION - AIRWORTHINESS DIRECTIVE, NO(S). <i>Page 193</i> <i>ADS thru 73</i> (SPECIFY)					
AUTHORITY FOR EXCEPTIONS (If any)					
FORM ACA-1362, CERTIFICATE OF AIRWORTHINESS, ISSUED <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> ANNUAL INSPECTION					
(Check whether)					
<input checked="" type="checkbox"/> OPERATION LIMITATIONS FORM ACA-309 HAS ISSUED, OR <i>in aircraft</i>					
<input type="checkbox"/> APPROVED AIRPLANE FLIGHT MANUAL IS IN THE AIRCRAFT					
FINDINGS					
<input checked="" type="checkbox"/> AIRWORTHY		DESIGNEE'S SIGNATURE AND NO.		DATE	
<input type="checkbox"/> UNAIRWORTHY		CAA INSPECTOR'S SIGNATURE		DATE	
		<i>Salem C Day</i>		<input type="checkbox"/> ACCEPTED <i>6/24/48</i> <input type="checkbox"/> REINSPECTED	
REASON FOR DISAPPROVAL, OR REPAIRS - Indicate if you have used the reverse to continue this or other item <input type="checkbox"/> Yes <input type="checkbox"/> No					
<i>acc 3-4-8</i> <i>12-28-48</i>					

Form ACA 308-A
(Rev. 1-1-61)

UNITED STATES OF AMERICA
DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
WASHINGTON

CERTIFICATE MUST BE CARRIED IN
THE AIRCRAFT AT ALL TIMES

AIRCRAFT AIRWORTHINESS CERTIFICATE NO. 2428

This Certifies that **PORTER LD GP-55**

manufacturer's serial No. **858** has been inspected and this day found to be in condition for safe operation when operated and maintained in accordance with the regulations prescribed by the Civil Aeronautics Board.

The aircraft for which this certificate is issued (a) shall not be operated unless there is attached hereto the currently effective Aircraft Operation Record issued by the Administrator of Civil Aeronautics for the aircraft, and (b) shall not be operated in flight unless a pilot possessed of a currently effective and appropriate pilot certificate issued by the Administrator is in command.

This certificate is of 60 days' duration and, unless the holder hereof is otherwise notified, within such period, shall continue in effect indefinitely thereafter, unless suspended, revoked, or cancelled, except that it shall immediately expire (1) at the end of _____

after the date of issuance of this certificate or after the date of last endorsement hereof, whichever is later, if within such period this aircraft is not examined or inspected by an authorized Civil Aeronautics inspector, or (2) at any time an authorized Civil Aeronautics inspector shall refuse to endorse this certificate after examination or inspection.

By direction of the Administrator:

Maurice W. Meyenberg #682
Civil Aeronautics Inspector

Refusal to endorse: _____
Civil Aeronautics Inspector

Date: **Nov. 7, 1946.**

Any violation of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding three years, or both. (over)

FORM ACA-337 (11-7-46)		DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		BUDGET BUREAU NO. 41-8055.1 APPROVAL EXPIRES DECEMBER 31, 1948	
REPAIR AND ALTERATION FORM (AIRCRAFT, PROPELLERS, ENGINES, INSTRUMENTS)					
<p>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:</p> <p>(A) For an Aircraft - Complete items 1, 5, 8a, 4, 6, 8, and 7 and submit to CAA representative for approval.</p> <p>(B) For a Component Installed in an Aircraft - Complete items 1, 2, 8(b, c, or d, whichever is applicable), 4, 5, and 6, and submit as described in (A) above.</p> <p>(C) For a Spare Component - Complete items 8(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.</p>					
1. AIRCRAFT	MAKE Porterfield	MODEL CP-65	SERIAL NO. 858	CAA IDENTIFICATION MARK NC32428	
2. OWNER	NAME (First, middle, last) Jack F. Haak Jack L. Carter		ADDRESS (Street and number, city, zone, and state) 1636 N. Frederic, Burbank, Calif.		
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) 770	EMPTY CENTER OF GRAVITY (Inches from datum) 16.3	USEFUL LOAD (Pounds) 458		
5. KIND OF AGENCY WHICH MADE REPAIRS AND/OR ALTERATIONS (Check) <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> APPROVED REPAIR STATION NO. _____ (SPECIFY) <input checked="" type="checkbox"/> CERTIFIED MECHANIC					
AGENCY	NAME H.H. Perry	ADDRESS (Street and number, city, zone, and state) 1528 N. Lima St., Burbank, Calif.		DATE WORK ACCOMPLISHED Sept 22, 1947	
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)					
<ol style="list-style-type: none"> 1. Right upper longeron repaired 24" from tailpost per 18.6110, Fig. 17 2. Left upper longeron repaired 15" from tailpost per 18.6113, Fig. 21 3. Lower left longeron repaired 17" from tailpost per 18.6113, Fig. 21 4. Left upper longeron repaired 56" from tailpost per 18.6115, Fig. 21 5. Lower right longeron repaired 7" from tailpost per 18.6110, Fig. 17 6. Left upper longeron repaired as per sketch attached (other side of page) 7. Fin tube repaired 7" from fuselage junction per 18.6113, Fig. 21 					
I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.					
SIGNATURE OF SUPERVISING MECHANIC <i>H.H. Perry</i>		CERTIFICATE NUMBER AND RATING 15824 A+E		DATE 10-22-47	
TO BE COMPLETED BY CAA REPRESENTATIVES					
<input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED <input type="checkbox"/> FORWARDED FOR ENGINEERING APPROVAL	SIGNATURE OF DESIGNER		NUMBER	DATE	
	SIGNATURE OF INSPECTOR <i>[Signature]</i>		<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REINSPECTED	DATE 6/24/48	

FORM ACA-305 (3-7-46)		DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		BUDGET BUREAU NO. 41-2041.3 APPROVAL EXPIRES FEBRUARY 12, 1967	
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) <input checked="" type="checkbox"/> AIRWORTHINESS CERTIFICATE <input checked="" type="checkbox"/> ANNUAL INSPECTION		CAA IDENTIFICATION <input checked="" type="checkbox"/> NC <input type="checkbox"/> NK <input type="checkbox"/> NR <input type="checkbox"/> OTHER (Specify) _____			
AIRCRAFT					
MAKE <u>PORTERFIELD</u>		MODEL <u>CP-65</u>			
REGISTRATION NO. <u>NC-32428</u>		MANUFACTURER'S SERIAL NO. <u>385</u>		DATE MANUFACTURED <u>DEC, 1940</u>	
ENGINE					
MAKE <u>CONTINENTAL</u>		MODEL <u>A65-8</u>		RATED H.P. <u>65</u>	
(Check whether) <input type="checkbox"/> NEW <input checked="" type="checkbox"/> USED <input type="checkbox"/> OVERHAULED		IF OVERHAULED, STATE BY WHOM _____		DATE OF OVERHAUL _____	
<input type="checkbox"/> AIRCRAFT NOW REGISTERED WITH THE ADMINISTRATION		<input type="checkbox"/> APPLICATION FOR REGISTRATION AND BILL OF SALE (FORMS ACA-501 AND 502) ATTACHED.			
OWNER'S NAME <u>WACK F. HACK & WACK W. CARTER</u>		PERMANENT ADDRESS (Street and No., City, Zone, State) <u>1636 NO. FREDERICK ST, BURBANK, CALIF.</u>			
ATTACHMENTS (Check which) <input checked="" type="checkbox"/> ACA-319 <input checked="" type="checkbox"/> WEIGHT AND BALANCE REPORT <input checked="" type="checkbox"/> ACA-337 <input type="checkbox"/> SPECIAL APPROVALS <input type="checkbox"/> ACA-805 <input checked="" type="checkbox"/> DATA, DRAWINGS, ETC... <input type="checkbox"/> ACA-317 <input type="checkbox"/> UNAPPROVED DEVIATION DATA		I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE <u>11/7/46</u> <u>Jack F. Hack</u> <u>Jack W. Carter</u> DATE SIGNATURE SIGNATURE OWNER OR REPRESENTATIVE			
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					
LISTING IN INSPECTOR'S HANDBOOK, CHAP. XVIII		AIRCRAFT SPECIFICATION		AIRWORTHINESS DIRECTIVE	
PAGE NO. <u>193</u>	T.C. NO. <u>720</u>	SERIAL NO. <u>A-</u>	EFFECTIVE NOTES	NO. <u>273</u>	EFFECTIVE NOTES <u>Applicable complied with.</u>
OTHER (Describe) <u>Special Notes #5,7 and airworthiness</u>		EXCEPTIONS, IF ANY (If additional space is required, use reverse) <u>None</u>			
<input checked="" type="checkbox"/> Form ACA-319 approved by (Return to owner) <u>H.H. Perry</u>		MECH. CERTIF. AND RATING NO. <u>A.E. 15824</u>		DATED <u>April 1, 1946</u>	
<input type="checkbox"/> FORM ACA-1362 CERTIFICATE VALID TO (Specify date) ISSUED					
<input checked="" type="checkbox"/> AIRCRAFT AIRWORTHINESS CERTIFICATE WITH OPERATION LIMITATIONS FORM (ATTACHED) WAS ISSUED.					
FINDINGS					
<input type="checkbox"/> AIRWORTHY	DESIGNEE'S SIGNATURE AND NO. <u>W.H. Perry #661</u>				DATE <u>Nov. 7, 1946</u>
<input type="checkbox"/> UNAIRWORTHY	CAA INSPECTOR'S SIGNATURE <u>W.H. Perry</u>		<input checked="" type="checkbox"/> ACCEPTED	DATE <u>November 22, 1946</u>	
		<input type="checkbox"/> REINSPECTED			
REASON FOR DISAPPROVAL, OR REMARKS (Indicate if you need the reverse to continue this or other item <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No)					

Form No. 6-270-3

Page 2

BALANCE COMPUTATION

12. EMPTY CENTER OF GRAVITY OF THE AIRCRAFT, AS WEIGHED:
(ITEM 5) 193 x (ITEM 9) 48 = 12.0 RELATIVE TO MAIN WHEELS.
(ITEM 10) 770

13. EMPTY CENTER OF GRAVITY RELATIVE TO DATUM:
(ITEM 12) 12.0 + (ITEM 4) 3.8 = 15.8

14. IF OTHER THAN RESIDUAL OIL WAS WEIGHED, MAKE FOLLOWING COMPUTATION:

	ARM	WEIGHT	MOMENT
AIRCRAFT (ITEM 13)	<u>15.8</u>	(ITEM 10) <u>770</u>	<u>12166</u>
OIL (ITEM 6a)	<u>31</u>	<u>7.5</u>	<u>232.5</u>
		<u>762.5</u>	(B) <u>12398.5</u>
(B) <u>12398.5</u>	= (C) <u>16.3</u>		EMPTY CENTER OF GRAVITY OF AIRCRAFT.
(A) <u>762.5</u>			

15. MOST FORWARD LOADING: 12.0 APPROVED FORWARD LIMIT: 10.5

ITEM	ARM	WEIGHT	MOMENT
AIRCRAFT (13 OR 14C)	<u>16.3</u>	(10 OR 14A) <u>762.5</u>	<u>12428.75</u>
Fuel	<u>16.0</u>	<u>81.0</u>	<u>1296.0</u>
Pilot	<u>8.0</u>	<u>170.0</u>	<u>1360.0</u>
Oil	<u>11.0</u>	<u>7.5</u>	<u>232.5</u>
		(A) <u>1021.0</u>	(B) <u>12260.25</u>
(B) <u>12260.25</u>	= <u>12.0</u>		MOST FORWARD "C. G." LOCATION.
(A) <u>1021</u>			

15. MOST REARWARD LOADING: 19.7 APPROVED REARWARD LIMIT: 19.9

ITEM	ARM	WEIGHT	MOMENT
AIRCRAFT (13 OR 14C)	<u>16.3</u>	(10 OR 14A) <u>762.5</u>	<u>12428.75</u>
Pilot	<u>36.0</u>	<u>170.0</u>	<u>6120.00</u>
Fuel (Min.)	<u>16.0</u>	<u>30.0</u>	<u>480.00</u>
Baggage	<u>52.0</u>	<u>40.0</u>	<u>2080.00</u>
Oil	<u>31.0</u>	<u>7.5</u>	<u>232.50</u>
		(A) <u>1010.0</u>	(B) <u>19916.25</u>
(B) <u>19916.25</u>	= <u>19.7</u>		MOST REARWARD "C. G." LOCATION.
(A) <u>1010.0</u>			

APPROVED BY: Maurice H. Meyerberg DATE: November 20, 1946
Maurice H. Meyerberg, #682

FAA AIRCRAFT REGISTRY
CAMERA NO. / SN DATE: 2-3-84

Form ACA 897
(Rev. 8-1-46)

Budget Bureau No. 41-1002
Form Approved

CLASSIFICATION	NATURE OF WORK PERFORMED	
	Major repair	Major alteration
AIRCRAFT		
ENGINE		
PROPELLER		
INSTRUMENT		

UNITED STATES OF AMERICA
DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
WASHINGTON

(To be filled in by Inspector)

APPROVED	<input checked="" type="checkbox"/>
DISAPPROVED	<input type="checkbox"/>
Forwarded for engineering approval (submit complete details)	
Date <u>Nov-7-1946</u>	
<u>Donna H. Hendrix</u>	
<u>CAA. 11/7/46</u>	

*6-12-46 - Inspected Wings
and aileron structure
O.K. to cover R.L. Van Dyke*

REPAIR AND ALTERATION FORM
AIRCRAFT—ENGINES—PROPELLERS—INSTRUMENTS

Aircraft Identification Mark No. NC32928

Owner's name J.E. Hawk & J.L. Carter
 Owner's address 1636 N. Frederic, Burbank, Calif. 915
 Aircraft manufacturer and model Northwestern Aeronautical Corp. Serial No. 858
 Engine manufacturer and model* _____ Serial No. _____
 Propeller manufacturer and model* _____ Serial No. _____
 Propeller blade model* _____ Serial No. _____
 Instrument name, manufacturer, and model* _____ Serial No. _____

* To be filled in only for unit repaired or altered.

REPAIR OR ALTERATION AGENCY

Manufacturer. _____ Approved repair station No. _____ Certified mechanic
 Agency's name H.H. PERRY
 Address 1528 N. LIMA ST., BURBANK, CALIF. Date of repair or alteration 4-1-46

The following work has been accomplished in accordance with Part 18, Civil Air Regulations. (For recommended practice refer to CAM 18.)
 (If blank space is insufficient for clear presentation, attach separate pages (8 1/2 x 10 1/2" or multiplies thereof) bearing aircraft identification mark)

- 1- SPECIAL NOTE #5 OF AIRWORTHINESS DIRECTIVE # 273 COMPLIED WITH PER FACTORY BULLETIN # 17
- 2- SPECIAL NOTE #7 OF AIRWORTHINESS DIRECTIVE # 273 COMPLIED WITH PER FACTORY BULLETIN # 27
- 3- AIRWORTHINESS BULLETIN # 81B COMPLIED WITH.
- 4- COVER LEFT WING & AILERON AND COVER RIGHT WING & AILERON

CHECK AGENCIES INVOLVED.

To be filled out in duplicate and completed on opposite side
 The original to be forwarded through the appropriate Field Branch Office, the copy to be delivered to the owner of the aircraft.

Form ACA-300-Page 1 (12-48)

UNITED STATES OF AMERICA DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION						OPERATION LIMITATIONS			REG. NO. HO-32428	
LINE NO.	NAME Continental	TYPE 85-8	MODEL CP-65	DATE ACFT. 11-17-1940	SERIAL NO. 858	CLASSIFICATION 2-PCLM	TYPE CERT. 720			
ENGINE AND AIR SPEED LIMITS NOT TO BE EXCEEDED (See Tables for Restrictions and See PILOT MEMORANDUM OPERATING LIMITS)										
ENGINE LIMITS						TRUE INDICATED AIR SPEED				
	MINUTES	ALTITUDE	IN. H.G.	R.P.M.	R.P.	FUEL CON.		H. P. H. LAMP	HEIGHT SEA	
TAKE-OFF				2300	65	73 Min	CLIMB OR LEVEL FLIGHT	102		
(SEA LEVEL)	<input checked="" type="checkbox"/>	TO		2300	65	73 Min	GLIDE OR DIVE - (Down Air Only)	138		
ALTIMETER FROM				2300	65	73 Min	FLAPS EXTENDED			
*MIXO-MAXIMUM EXCEPT TAKE-OFF										
TAKE-OFF WEIGHT						LANDING WEIGHT				
LAND	1200	SEA				LAND	1200	SEA		
OPERATIONS AUTHORIZED										
- Contact Day -										
INSPECTOR'S SIGNATURE <i>Maurice H. Meyenberg</i> MAURICE H. MEYENBERG #662 DATE November 7, 1946										

ADDITIONAL OPERATIONS AUTHORIZED YES NO **2** (IF YES-SEE OVER)
THIS PLACARD MUST BE DISPLAYED IN VIEW OF THE PILOT
 (FOLD HERE)

5247

Form ACA-009-Page 3

UNITED STATES OF AMERICA DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION		SPECIFICATION NO. Page-193		CAA NO. 32228		
EQUIPMENT No. Page-193				SPECIAL EQUIPMENT		
NUMBER	NUMBER	NUMBER	NUMBER	ITEM (DESCRIPTION)	WGT.	ARM.
101	102	103	104	Spec. Instrument Panel with T & B, Sen. Alt., Rate of Climb & compass	4.5	2.5
105	201(b)	203(b)	208			
209(a)	211(a)	218(a)				
EMPTY WT. (Actual)		762#				
Useful Load		438#				
EMPTY C.G. 16.6"		Aft of Datum				
C. G. LIMITS						
LAND (+10.5) to (+19.9)			SEA			
DATUM Wing leading edge-				MANUFACTURER'S SIGNATURE <i>Maurice N. Meyenberg</i> 7682		
				DATE November 7, 1946		

Form ACA 807
 (Rev. 8-1-46)

Revised Bureau No. 41-7022
 Form Approved

CLASSIFICATION	NATURE OF WORK PERFORMED	
	Major repair	Major alteration
AIRCRAFT		
ENGINE		
PROPELLER		
INSTRUMENT		

UNITED STATES OF AMERICA
 DEPARTMENT OF COMMERCE
 CIVIL AERONAUTICS ADMINISTRATION
 WASHINGTON

(To be filled in by Inspector)

<input checked="" type="checkbox"/>	APPROVED
<input type="checkbox"/>	DISAPPROVED
Forwarded for engineering approval (Submit complete details)	

Date: Nov-7, 1946
 Maurice H. Meyersberg
 1682

REPAIR AND ALTERATION FORM
 AIRCRAFT—ENGINES—PROPELLERS—INSTRUMENTS
 Aircraft Identification Mark No. N 32428

Owner's name J.F. Mack & J.L. Carter
 Owner's address 1636 N. Frederick, Burbank, Calif.
 Aircraft manufacturer and model Northwestern Aeronautical Corp. Serial No. 858
 Engine manufacturer and model* Continental A-65-B Serial No. 522918
 Propeller manufacturer and model* Hartzell 7210B-45 Serial No. 22826
 Propeller blade model* _____ Serial No. _____
 Instrument name, manufacturer, and model* _____ Serial No. _____

* To be filled in only for work repaired or altered.

REPAIR OR ALTERATION AGENCY

Manufacturer _____ Approved repair station No. _____ Certified mechanic
 Agency's name H.H. Perry
 Address 1528 N. Lima, Burbank, Calif. Date of repair or alteration 10-1-46

The following work has been accomplished in accordance with Part 18, Civil Air Regulations. (For recommended practice refer to CAM 18.)

(If blank space is insufficient for clear presentation, attach separate pages (8" x 10") or multiples thereof bearing aircraft identification mark)

Engine mount removed from Porterfield NC34795
 and installed in Porterfield NC32928
 Porterfield wheel pants, wt. 10 lbs., arm to
 Turn + Bank, rate of climb, suction gage + instrument
 panel, weight 9 1/2 lbs., arm - 2 1/2

~~Continental Engine A-65-B #592918
 installed and. Lycoming O-145-B2 removed~~

CHECK AGENCIES INVOLVED

To be filled out in duplicate and completed on opposite side

The original to be forwarded through the appropriate Field Branch Office, the copy to be delivered to the owner of the aircraft.

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 SN DATE: 2-3-84

Form 308A
1-1-40

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

THIS CERTIFICATE MUST BE CARRIED IN
AIRCRAFT AT ALL TIMES

AIRCRAFT AIRWORTHINESS CERTIFICATE NO. 32428

This Certificate that PORTERFIELD LP-55

manufacturer's serial No. 858 : has been inspected and this day found to be in condition for safe operation when operated and maintained in accordance with the regulations and practices prescribed by the Authority.

The aircraft for which this certificate is issued (a) shall not be operated unless there is attached hereto the currently effective Aircraft Operation Record issued by the Authority for the aircraft, and (b) shall not be operated in flight unless a pilot possessed of a currently effective and appropriate pilot certificate issued by the Authority, is in command.

This certificate is of 60 days' duration and, unless the holder hereof is otherwise notified by the Authority within such period, shall continue in effect indefinitely thereafter, unless suspended, revoked, or cancelled by the Authority, except that it shall immediately expire (1) at the end of Twelve Months after the date of issuance of this certificate or after the date of last endorsement hereof, whichever is later, if (2) at any time an authorized inspector of the Authority shall refuse to endorse this certificate after examination or inspection.

By direction of the Authority:

Refusal to endorse:

Inspector of the Authority

E. O. FINE

Director, Civil Aeronautics Authority

Date:

December 20, 1940

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

Form 803 A
1-2

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

THIS CERTIFICATE MUST BE CARRIED IN
THE AIRCRAFT AT ALL TIMES

AIRCRAFT AIRWORTHINESS CERTIFICATE NO. 33428

airframe that **PORTERFIELD LP-6B**

manufacturer's serial No. **858** has been inspected and this day found to be in condition for safe operation when operated and maintained in accordance with the regulations and practices prescribed by the Authority.

The aircraft for which this certificate is issued (a) shall not be operated unless there is attached hereto the currently effective Aircraft Operation Record issued by the Authority for the aircraft, and (b) shall not be operated in flight unless a pilot possessed of a currently effective and appropriate pilot certificate issued by the Authority, is in command.

PERIODIC ENDORSEMENT

This certificate is of 60 days' duration and, unless the holder hereof is otherwise notified by the Authority within such period, shall continue in effect indefinitely thereafter, unless suspended, revoked, or cancelled by the Authority, except that it shall immediately expire (1) at the end of **Twelve Months** after the date of issuance of this certificate or after the date of last endorsement hereof, whichever is later, if within such period this aircraft is not examined or inspected by an authorized inspector for the Authority, or (2) at any time an authorized inspector of the Authority shall refuse to endorse this certificate after examination or inspection.

By direction of the Authority:

Refusal to endorse:

Inspector of the Authority

H. C. Sims

Inspector, Civil Aeronautics Authority

D

December 20, 1940

Date of Issuance

A

of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding three years, or both. (over)

12-20

3

Form ACA 809
 (Rev. 12-1-40)
 Page 1

UNITED STATES OF AMERICA
 DEPARTMENT OF COMMERCE
 CIVIL AERONAUTICS ADMINISTRATION
 WASHINGTON

Warren J. Swann, Jr.
 Warren J. Swann, Jr.
 (Inspector's signature)

Page 1 of 5 pages

Date 6-22-44

AIRCRAFT OPERATION RECORD
 (Non Air Carrier)

Porterfield Aircraft Corporation LP-65 858 NC32428
 (Manufacturer) (Model) (Serial number) (CAA identification mark)
 2PC1M Dec. 17, 1940 720
 (Designation) (Date manufactured) (Aircraft specification number)
 3° 25' 1° None 59.04" 0.24"
 (Incidence) (Dihedral) (Stagger) (M. A. C.) (Datum to L. E. of M. A. C.)

Datum used Leading edge of wing.
 (Obtain from pertinent aircraft specifications or give complete description)

Leveling means Bottom of instrument panel and top left cross tube aft of rear seat.

SEATING ARRANGEMENT
 Number Location or arm Number Location or arm Number Location or arm

1 8
 1 35, 8

BAGGAGE COMPARTMENTS
 Capacity Location or arm Capacity Location or arm

40lbs. 52 aft rear seat

FUEL TANKS
 13.5 gals. -16 fuselage tank

OIL TANKS
 1 gal. -37 wet sump engine

OPERATIONS AUTHORIZED

Ferry flight from Prescott Ariz. to Fullerton Calif.

Flight must be completed on or before July 4, 1944.

Only persons essential to flight of aircraft may be carried.

Parachutes must be worn during flight.

(OVER)

16-1147

Form ACA 809
 (Rev. 12-1-40)
 Page 1

UNITED STATES OF AMERICA
 DEPARTMENT OF COMMERCE
 CIVIL AERONAUTICS ADMINISTRATION
 WASHINGTON

W. J. Johnson
 (Inspector's signature)

Page 1 of 5 pages

Date 6-22-44

AIRCRAFT OPERATION RECORD
 (Non Air Carrier)

Porterfield Aircraft Corporation (Manufacturer) L-85 (Model) 659 (Serial number) 702420 (CAA Identification mark)
 290K (Designation) Dec. 17, 1940 (Date manufactured) 720 (Aircraft specification number)
 30° 23' (Incidence) None (Dihedral) 59.04" (Stagger) 24" (Datum to L. E. of M. A. C.)

Datum used leading edge of wing. ETON

Leveling means: SEATING ARRANGEMENT in C. D. not in W. (Location of arm) Numbers of seats Location or arm

Number 1 Location or arm: SEATING ARRANGEMENT in C. D. not in W. (Location of arm) Numbers of seats Location or arm
 1 of like group. (Location of arm) Numbers of seats Location or arm

Capacity 40 lbs. 52. (Location of arm) Capacity (Location of arm)

15-5 gals. (Location of arm) Capacity (Location of arm)

OIL TANKS
 1 gal. -37 nat. snap engine

OPERATIONS AUTHORIZED
 Ferry flight from Prescott Ariz. to Fullerton Calif.
 Flight must be completed on or before July 4, 1944.
 Only persons essential to flight of aircraft may be carried.
 Parachutes must be worn during flight.

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

[Signature]
(Inspector's signature)

Page 1 of 6 pages

AIRCRAFT OPERATION RECORD
(Non Air Carrier)

Date December 20, 1940

Porterfield Aircraft Corporation (Manufacturer) 12-65 (Model) 858 (Serial number) W032428 (CAA Identification mark)
2-PCIM (Designation) December 17, 1940 (Date manufactured) 720 (Aircraft certification number)
3° 33' (Incidence) 1° C (Dihedral) None (Stagger) 59.04° (M. A. C.) 0.24° (Datum to L. E. of M. A. C.)

Datum used Leading edge of wing
(Obtain from pertinent aircraft specifications or give complete description)

Leveling means Bottom of instrument panel and top left cross tube aft of ref. seat.

SEATING ARRANGEMENT					
Number	Location or arm	Number	Location or arm	Number	Location or arm
<u>1</u>	<u>8</u>				
<u>1</u>	<u>35.B</u>				

BAGGAGE COMPARTMENTS			
Capacity	Location or arm	Capacity	Location or arm
<u>40 lbs.</u>	<u>52. aft rear seat</u>		

FUEL TANKS	
Capacity	Location or arm
<u>13.5 gal.</u>	<u>-16. fuselage tank</u>

OIL TANKS	
Capacity	Location or arm
<u>1 gal.</u>	<u>-37. wst sump engine</u>

OPERATIONS AUTHORIZED
Visual contact day flying, unlimited distance.

(OVER)

Form 100 (CAA 01-5)
(9-4-59)
Page 1

J. L. Davis
(Inspector's signature)
Date December 20, 1940

12428
(identification mark)

OPERATION LIMITATIONS

1. AIRSPEEDS—NEVER TO BE EXCEEDED

Note.—These airspeed limitations are based on values for which the structure has been designed or tested, and are maximum values which shall not be exceeded. **THEY ARE NOT RECOMMENDED OPERATION AIRSPEEDS.**

Level flight or climb . . . 102 m. p. h. indicated.
Glide or dive 122 m. p. h. indicated.
Flaps extended None m. p. h. indicated.

2. ENGINE

TAKE-OFF (1 MINUTE)

At any altitude _____ in. hg. 2550 r. p. m. (65 hp.)
MAXIMUM, EXCEPT TAKE-OFF
At sea level _____ in. hg. 2550 r. p. m. (65 hp.)
At any _____ feet altitude _____ in. hg. 2550 r. p. m. (65 hp.)
(For additional limitations see opposite side of this sheet)

Note.—Manifold pressure limit varies linearly between sea level and altitude designated.

These limits apply only with the power plant described below:

Engine manufacturer	Model	Number installed	
Lycoming	O-145-B2	1	
Propeller manufacturer	Hubs	Blades	Number installed
Fablia D-546, wood, fixed			1

3. WEIGHT

The maximum certificated weight of this aircraft which shall not be exceeded, is:

1160 _____
(Land, with wheels) (Land, with axle) (Water type)

4. BALANCE

This aircraft shall be so loaded at all times that the center of gravity falls within the following limits:

Center of gravity limits—Land type 10.5" (17.28 % MAC) 19.3" (32.28 % MAC)
Center of gravity limits—Water type _____
(Over)

Form 800 (CAA 45-5)
 (1-1-59)

Page 2

H. L. [Signature]
 (Pilot's signature)

32428

(Identification mark)

Date December 20, 1940

OPERATION LIMITATIONS

1. AIRSPEEDS—NEVER TO BE EXCEEDED

NOTE—These airspeed limitations are based on values for which the structure has been designed or tested, and are maximum values which shall not be exceeded. **THEY ARE NOT RECOMMENDED OPERATION AIRSPEEDS.**

Level flight or climb . . . 102 m. p. h. indicated.
 Glide or dive 130 m. p. h. indicated.
 Flaps extended None m. p. h. indicated.

2. ENGINE

TAKE-OFF (1 MINUTE)

At any altitude _____ in hg. 2550 r. p. m. (65 hp.)
MAXIMUM, EXCEPT TAKE-OFF
 At sea level _____ in hg. 2550 r. p. m. (65 hp.)
 At any feet altitude _____ in hg. 2550 r. p. m. (65 hp.)

(For additional limitations see opposite side of this sheet)

NOTE—Manifold pressure limit varies linearly between sea level and altitude designated.

These limits apply only with the power plant described below:

Engine manufacturer	Model	Number installed
<u>Lycoming</u>	<u>O-145-B2</u>	<u>1</u>
_____	_____	_____

Propeller manufacturer	Hubs	Blades	Number installed
<u>Fablin D-566, wood, fixed</u>	_____	_____	<u>1</u>
_____	_____	_____	_____

3. WEIGHT

The maximum certificated weight of this aircraft which shall not be exceeded, is:

1160 _____
 (Land, with wheels) (Land, with skis) (Water type)

4. BALANCE

This aircraft shall be so loaded at all times that the center of gravity falls within the following limits:

Center of gravity limits—Land type 10.5" (17.38 % MAC) 19.3" (32.28 % MAC)
 Center of gravity limits—Water type _____
 (Over)

8110

Form 350 (CAA 88-87)
(1-3-79)
Page 2

J. L. Davis
(Signature)

32428

(Check/initials apply)

Date December 20, 1940

EQUIPMENT

Item No. (1)	Class (2)	Name of Item (3)	Arm (4)	Weight (5)
101	I	Propeller, wood, fixed	-49	10
102	I	Engine Cowl	-40	9
103	I	Exhaust Manifolds (2)	-37	8
104	I	Carburetor Heater	-40	3
107	I	2 Ply Tires and Tubes	3	16
108	I	Tail skid Spring	193	5
203(b)	II	Steerable Tail wheel	195	5
302(a)	III	Compass	1	-4
312	III	600-6 Wheels and Brakes SHINY 6C2 ED <i>J. L. Davis</i>	3	14

See notes on reverse of this sheet for explanation of column numbers.

10-11-37

Form 809 (CAA 01-8)
 (7-1-39)
 Page 1

J. C. Smith
 (Inspector's signature)

32428
 (Identification mark)

Date December 20, 1940

EQUIPMENT

Item No. (1)	Class (2)	Name of Item (3)	Arm (4)	Weight (5)
101	I	Propeller, wood, fixed	-49	10
102	I	Engine Cowl	-40	9
103	I	Exhaust Manifolds (2)	-37	5
104	I	Carburetor Heater	-40	3
107	I	2 Ply Tires and Tubes	3	16
108	I	Tail skid Spring	193	5
303(b)	II	Steerable Tail Wheel	195	5*
302(a)	III	Compass	1	-4
312	III	600-6 Wheels and Brakes SHINN 6C2 HB	3	14

J. C. Smith
 *not in

See notes on reverse of this sheet for explanation of column numbers.

10-11017

AWD

Form 309 (CAA 81-2)
 (9-2-59)
 Page 1
 32428
 (Identification mark)

J. H. Smith
 (Inspector's signature)
 Date December 30, 1940

WEIGHTS AND ALTERATIONS

WEIGHTS	Land	Water	SH
Empty (.Actual)	712 lbs.	_____ lbs.	_____ lbs.
Useful*	448 lbs.	_____ lbs.	_____ lbs.
Gross*	1160 lbs.	_____ lbs.	_____ lbs.

See Loading Schedule dated _____, where such is required, and any revision thereto, which is made a part hereof.

Empty center of gravity is 16.63 inches forward () aft (X) of Datum

ALTERATION
 Alteration of _____ checked by _____
 (Date) (Inspector)

described as follows:

accomplished by _____
 (Name and number)

for which copy of Repair and Alteration Form dated _____ was submitted.
 The following special notes listed on the pertinent aircraft specifications have been complied with on the dates shown:

Special note	Date	Special note	Date	Special note	Date
No. _____	_____	No. _____	_____	No. _____	_____
No. _____	_____	No. _____	_____	No. _____	_____
No. _____	_____	No. _____	_____	No. _____	_____
No. _____	_____	No. _____	_____	No. _____	_____

REMARKS:

This page superseded _____
 (Date)

*Weights which are not to be exceeded. (Inspector's signature)

(See notes on reverse side of this sheet, pertaining to information provided for.)

Form 205 (CAA 61-5)
 (2-1-50)

Page 6
 32438

(Identification mark)

J. H. Smith
 (Inspector's signature)

Date December 30, 1940

WEIGHTS AND ALTERATIONS

WEIGHTS

	Land		Water		Sea
Empty (Actual) _____	712	lbs.	_____	lbs.	_____
Useful _____	448	lbs.	_____	lbs.	_____
Gross _____	1160	lbs.	_____	lbs.	_____

See Loading Schedule dated _____, where such is required, and any revision thereto, which is made a part hereof.

Empty center of gravity is 16.63 inches forward () aft (X) of Datum

ALTERATION

Alteration of _____ checked by _____

(Date) (Inspector)

described as follows: _____

accomplished by _____

(Name and number)

for which copy of Repair and Alteration Form dated _____ was submitted. The following special notes listed on the pertinent aircraft specifications have been complied with on the dates shown:

Special note	Date	Special note	Date	Special note	Date
No. 6	12/12/41	No. 12	12/12/41	No. _____	_____
No. 7	"	No. 14	"	No. _____	_____
No. 8	"	No. 15	"	No. _____	_____
No. 9	"	No. _____	_____	No. _____	_____

REMARKS:

This page superseded _____ (Date) _____ (Inspector's signature)

*Weights which are not to be exceeded.
 (See notes on reverse side of this sheet, pertaining to information provided for.)

16-14117

5/11/8

Form ACA 897
(Rev. 3-5-81)

UNITED STATES OF AMERICA
DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
WASHINGTON

FR

AIRCRAFT INSPECTION REPORT

Los Ferrar (Owner's name) 1542 "F" San Bernardino Calif. (Address)
Porterfield (Make) LP-65 (Model) R58 (Serial number) KC32428 (Identification mark)
Designation 2PCIM Aircraft Specification No. 720
Issuance of Form 309 - covering Ferry Flight

ISSUANCE - PERIODIC ENDORSEMENT - REPAIR - ALTERATION - SPECIAL. (Circle which)

Is Registration Certificate properly displayed in the aircraft? Yes
Are Airworthiness Certificate and Operation Record Form in the aircraft? Yes
Are aircraft and engine log books available and in proper condition? Yes

Periodic aircraft inspection report dated -- by -- submitted.

1. Aircraft was inspected and determined to have complied with the following, except as noted--
(a) Listing in inspector's handbook, chapter XVIII Page 153
(b) Aircraft specifications Serial No. A-
(c) Special inspection request--dated
(d) Notes Nos.
(e) Special Notes Nos. AD-273
* Exceptions, if any, noted See remarks

Satisfactory? Yes (). No ().
2. Aircraft was thoroughly inspected and determined to be in an airworthy condition for the operations authorized and for the type of certificate issued, except as noted.
* Exceptions, if any, of which the owner or his representative was advised
Ferry Flight

Satisfactory? Yes (). No ().
3. Alterations and/or major repairs described in the attached Repair and Alteration Form were thoroughly inspected and determined to be satisfactory, and to comply with the provisions of the Civil Air Regulations pertaining to repair and alteration, except as noted.
* Exceptions, if any, of which the owner or his representative was advised

Satisfactory? Yes (). No ().
4. All required placards, instructions, warnings, and markings pertaining to the use and operation of the controls, fuel valves, instruments and gages, safety devices, fuel, oil and baggage capacities, and the like, are correctly executed and properly displayed, except as noted.
* Exceptions, if any, of which the owner or his representative was advised

Satisfactory? Yes (). No ().
5. Based on the results of the above inspection, Aircraft Airworthiness Certificate with Operation Record Form attached, was issued (x) - Endorsed () for a period of twelve days on date of 6-22-44

DISAPPROVED * APPROVED
Date 6-22-44
Inspector [Signature]
[OVER]

MP

JUN 2 10 59 AM '44

Form 801 (Rev. 9-13-39)

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

RECEIVED
CIVIL AERONAUTICS
AUTHORITY

AIRCRAFT INSPECTION REPORT

Defense Plant Corp. Washington D. C.
(Owner's name) (Address)

Porterfield LP-65 858 NC32428
(Make) (Model) (Serial number) (Identification mark)

Designation 2FCLM Aircraft Specification No. 720

ISSUANCE—PERIODIC ENDORSEMENT—REPAIR—ALTERATION—SPECIAL (Circle which)

Is Registration Certificate properly displayed in the aircraft? Yes

Are Airworthiness Certificate and Operation Record Form in the aircraft? Yes

Are aircraft and engine log books available and in proper condition? Yes

Periodic aircraft inspection report dated 5-5-44 by Geo. Harper submitted.

1. Aircraft was inspected and determined to have complied with the following, except as noted—*

- (a) Listing in inspector's handbook, chapter XVIII Page 193
- (b) Aircraft specifications Serial No. A-
- (c) Special inspection request—dated
- (d) Notes Nos.
- (e) Special Notes Nos. AD-273

* Exceptions, if any, noted See Remarks

Satisfactory? Yes (). No (x).

2. Aircraft was thoroughly inspected and determined to be in an airworthy condition for the operations authorized and for the type of certificate issued, except as noted.

* Exceptions, if any, of which the owner or his representative was advised

Satisfactory? Yes (). No ().

3. Alterations and/or major repairs described in the attached Repair and Alteration Form were thoroughly inspected and determined to be satisfactory, and to comply with the provisions of the Civil Air Regulations pertaining to repair and alteration, except as noted.

* Exceptions, if any, of which the owner or his representative was advised

Satisfactory? Yes (). No ().

4. All required placards, instructions, warnings, and markings pertaining to the use and operation of the controls, fuel valves, instruments and gages, safety devices, fuel, oil and baggage capacities, and the like, are correctly executed and properly displayed, except as noted.

* Exceptions, if any, of which the owner or his representative was advised

Satisfactory? Yes (). No ().

5. Based on the results of the above inspection, Aircraft Airworthiness Certificate with Operation Record Form attached, was issued (). Endorsed () for a period of

on date of

DISAPPROVED*

APPROVED

Date 5-5-44

Inspector Warren J. Jordan Jr.

[OVER]

Form 807
(Rev. 7-16-57)

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

AIRCRAFT INSPECTION REPORT

Defense Plant Corp. (Owner's name) Washington D. C. (Address)
Boeing (Make) JF-65 (Model) 650 (Serial number) 7E32028 (Identification mark)
Designation 2PCLM Aircraft Specification No. 720

ISSUANCE—PERIODIC ENDORSEMENT—REPAIR—ALTERATION—SPECIAL (Circle which)
Is Registration Certificate properly displayed in the aircraft? Yes

Are Airworthiness Certificate and Operation Record Form in the aircraft? Yes

Are aircraft and engine log books available and in proper condition? Yes

Periodic aircraft inspection report dated 5-5-44 by Geo. Harper submitted.

- 1. Aircraft was inspected and determined to have complied with the following, except as noted—
(a) Listing in inspector's handbook, chapter XVIII Page 193
(b) Aircraft specifications Serial No. A—
(c) Special inspection request dated
(d) Notes Nos.
(e) Special Notes Nos. AD-273
• Exceptions, if any, noted See Remarks

2. Aircraft was thoroughly inspected and determined to be in an airworthy condition for the operations authorized and for the type of certificate issued, except as noted.
Satisfactory? Yes (). No (x).
• Exceptions, if any, of which the owner or his representative was advised

3. Alterations and/or major repairs described in the attached Repair and Alteration Form were thoroughly inspected and determined to be satisfactory, and to comply with the provisions of the Civil Air Regulations pertaining to repair and alteration, except as noted.
Satisfactory? Yes (). No ().
• Exceptions, if any, of which the owner or his representative was advised

4. All required placards, instructions, warnings, and markings pertaining to the use and operation of the controls, fuel valves, instruments and gauges, safety devices, fuel, oil and baggage capacities, and the like, are correctly executed and properly displayed, except as noted.
Satisfactory? Yes (). No ().
• Exceptions, if any, of which the owner or his representative was advised

5. Based on the results of the above inspection, Aircraft Airworthiness Certificate with Operation Record Form attached, was issued (). Endorsed () for a period of
Satisfactory? Yes (). No ().
on date of

DISAPPROVED * APPROVED
Date 5-5-44 Date
Inspector Warren J. Susan Jr. Inspector

[OVER]

Form ACA 307
(Rev. 1-2-41)

UNITED STATES OF AMERICA
Department of Commerce
Civil Aeronautics Administration
Washington

AIRCRAFT INSPECTION REPORT

VICTOR E. LINDSAY, JR. (Owner's name) 11214 RICHLAND, WEST LOS ANGELES, CALIF. (Address)
COLUMBIA PORTERFIELD (Make) LP-65 (Model) 858 (Serial number) NC32428 (Identification mark)

Designation 2 PCLM Aircraft Specification No. 720

ISSUANCE PERIODIC ENDORSEMENT REPAIR ALTERATION SPECIAL (Circle which Is Registration Certificate properly displayed in the aircraft? Yes)

Are Airworthiness Certificate and Operation Record Form in the aircraft? Yes

Are aircraft and engine log books available and in proper condition? Yes

Periodic aircraft inspection report dated 12-3-41 by E. Canburn, AEE15350-4Q submitted.

- 1. Aircraft was inspected and determined to have complied with the following, except as noted—*
 - (a) Listing in inspector's handbook, chapter XVIII
 - (b) Aircraft specifications Serial No. A- 1307 and 1322
 - (c) Special inspection request dated
 - (d) Notes Nos. 2
 - (e) Special Notes Nos. 6, 7, 8, 9, 12, 14 and 15

* Exceptions, if any, noted _____ Satisfactory? Yes (X). No ().

2. Aircraft was thoroughly inspected and determined to be in an airworthy condition for the operations authorized and for the type of certificate issued, except as noted.
* Exceptions, if any, of which the owner or his representative was advised _____

_____ Satisfactory? Yes (X). No ().
3. Alterations and/or major repairs described in the attached Repair and Alteration Form were thoroughly inspected and determined to be satisfactory, and to comply with the provisions of the Civil Air Regulations pertaining to repair and alteration, except as noted.
* Exceptions, if any, of which the owner or his representative was advised _____

_____ Satisfactory? Yes (). No ().
4. All required placards, instructions, warnings, and markings pertaining to the use and operation of the controls, fuel valves, instruments and gages, safety devices, fuel, oil and baggage capacities, and the like, are correctly executed and properly displayed, except as noted.
* Exceptions, if any, of which the owner or his representative was advised _____

_____ Satisfactory? Yes (X). No ().
5. Based on the results of the above inspection, Aircraft Airworthiness Certificate with Operation Record Form attached, was issued (). Endorsed (X) for a period of 12 months on date of 12-12-41

DISAPPROVED* APPROVED
Date _____ Date 12-12-41
Inspector _____ Inspector F. Robinette

[OVER]

00927

10-11821

Form ACA 811
(Rev. 10-1-60)

53515
UNITED STATES OF AMERICA
DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
WASHINGTON

APPLICATION FOR PERIODIC ENDORSEMENT OF
AIRWORTHINESS CERTIFICATE FOR AN AIRCRAFT

CERTIFICATE NUMBER	NC32428
DATE	December 12, 1941
ENDORSED	<i>F. Robinette</i>
Inspector's signature	
ENDORSEMENT REFUSED*	
Inspector's signature	

To the CIVIL AERONAUTICS ADMINISTRATION:

Application is made for periodic endorsement of aircraft airworthiness certificate No. NC-32428

Model LP-65 Serial No. 158
1. Owner's name VICTOR E. LINDSAY JR.

2. Permanent mailing address 11214 RICHLAND WLOS ANGELES CAL.

3. Aircraft hours:
(a) Total 466 (b) Since last periodic endorsement 466
(c) Date of last periodic endorsement NEW AT FACTORY 12/20/1940

4. Estimate flying time for each category for which aircraft has been used since last periodic endorsement.

	Percent		Percent
Pleasure (personal use)	<u>100</u>	Commercial:	
Business (not for hire)		Charter and sightseeing	
Air carrier (scheduled)		Flying instruction	
		Rental without pilot	
		Other (specify)	

5. Describe any special purpose for which the aircraft will be used

6. Have there been any major alterations, major repairs, or changes in equipment since the aircraft was last inspected by a Civil Aeronautics Inspector? NO

If so, is repair and alteration form properly executed in accordance with the provisions of Part 18 of the Civil Air Regulations, and are any other data which may be required, prepared and being submitted with this application?

7. Is aircraft registered with the Civil Aeronautics Administration in the name of present owner? YES

8. If this application is signed by an agent of the owner, state agent's:
(a) Name ELWYN A. CAMBURN
(b) Address 6356 LIME AVE LONG BEACH, CAL.

I certify that the above statements are true

Signature of owner VICTOR E. LINDSAY JR.
or Agent Elwyn A. Camburn

Date 12/12/1941 Title Agent

Form 807
(Rev. 9-13-59)

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

AIRCRAFT INSPECTION REPORT

Porterfield Aircraft Corporation 2809 East 14th Street, Kansas City, Mo.
(Owner's name) (Address)

Porterfield IP-55 858 NC32428
(Make) (Model) (Serial number) (Identification mark)

Designation 2 PCTM Aircraft Specification No. 720

ISSUANCE PERIODIC ENDORSEMENT REPAIR ALTERATION SPECIAL (Circle which)

Is Registration Certificate properly displayed in the aircraft? Yes

Are Airworthiness Certificate and Operation Record Form in the aircraft? Yes

Are aircraft and engine log books available and in proper condition? Yes

Periodic aircraft inspection report dated _____ by _____ submitted.

1. Aircraft was inspected and determined to have complied with the following, except as noted—*

- (a) Listing in inspector's handbook, chapter XVIII _____
- (b) Aircraft specifications Serial No. A- 970 _____
- (c) Special inspection request—dated _____
- (d) Notes Nos. _____
- (e) Special Notes Nos. _____

* Exceptions, if any, noted _____

Satisfactory? Yes (X). No ().

2. Aircraft was thoroughly inspected and determined to be in an airworthy condition for the operations authorized and for the type of certificate issued, except as noted.

* Exceptions, if any, of which the owner or his representative was advised _____

Satisfactory? Yes (X). No ().

3. Alterations and/or major repairs described in the attached Repair and Alteration Form were thoroughly inspected and determined to be satisfactory, and to comply with the provisions of the Civil Air Regulations pertaining to repair and alteration, except as noted.

* Exceptions, if any, of which the owner or his representative was advised _____

Satisfactory? Yes (). No ().

4. All required placards, instructions, warnings, and markings pertaining to the use and operation of the controls, fuel valves, instruments and gages, safety devices, fuel, oil and baggage capacities, and the like, are correctly executed and properly displayed, except as noted.

* Exceptions, if any, of which the owner or his representative was advised _____

Satisfactory? Yes (X). No ().

5. Based on the results of the above inspection, Aircraft Airworthiness Certificate with Operation Record Form attached, was issued (X). Endorsed () for a period of ~~Twelve Months~~ _____ on date of _____

DISAPPROVED*

APPROVED

Date _____

Date December 20, 1940

Inspector _____

Inspector *J. C. Smith*

[OVER]

10-1142

Form 805
Rev. 1-1-40

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

A 8383
IDENTIFICATION MARK NC 32428
DATE Dec 20, 1940
APPROVED <i>J. C. Quinn</i> (Inspector's signature)
DISAPPROVED
(Inspector's signature)

APPLICATION FOR AIRWORTHINESS CERTIFICATE FOR AN AIRCRAFT

To the CIVIL AERONAUTICS AUTHORITY:

Application is made for an Airworthiness Certificate for:

1. Make Porterfield
2. Model LP-65
3. Type Certificate No. 720
4. Manufacturer's Serial No. 858
5. Applicant's name Porterfield Aircraft Corporation
(Print or type FULL NAME)
6. Permanent mailing address 2809 East 14th Street, Kansas City, Mo.
(Street) (City) (State)
7. Describe any special purposes for which aircraft will be used Commercial

The aircraft is now registered with the Authority: } in the name of the applicant.
Application for registration is attached hereto: }

I CERTIFY that the above statements are true.

Porterfield Aircraft Corporation
(Name of applicant)

By *C. R. Minner*
(Signature)

Chief Engineer
(Title)

DATE December 20, 1940

Rev. 11-19-39

UNITED STATES OF AMERICA
CIVIL AERONAUTICS AUTHORITY
WASHINGTON, D. C.

STATEMENT OF CONFORMITY

To the CIVIL AERONAUTICS AUTHORITY:

I, having been authorized for this purpose by Porterfield Aircraft Corporation
(Manufacturer)
certify that the aircraft Porterfield (Make), IP-65 (Model),
858 (Serial number), has been manufactured, under Production Certificate No. 12,
in conformity with the data forming the basis for Type Certificate No. 720 and any
revision or modification thereof approved by the Authority as of December 20, 1940
(Date)
with the exception of the following deviations:

Right Wheel	329
Left Wheel	332
Tail	<u>51</u>
	712 lbs.

Gasoline S trainer : Tillotson OX-475

DATE December 20, 1940

W. R. [Signature]
(Signature)

Chief Engineer
(Title)

* Delete this phrase if not applicable.

PORTERFIELD AIRCRAFT CORPORATION
KANSAS CITY, MISSOURI

ACTUAL WEIGHT AND BALANCE

MODEL: IP-55 SERIAL NO: 858

IDENTIFICATION MARK: NC 22428

Prepared By: E. D. Oliver Miller

Checked By: _____

Witnessed By: Jed

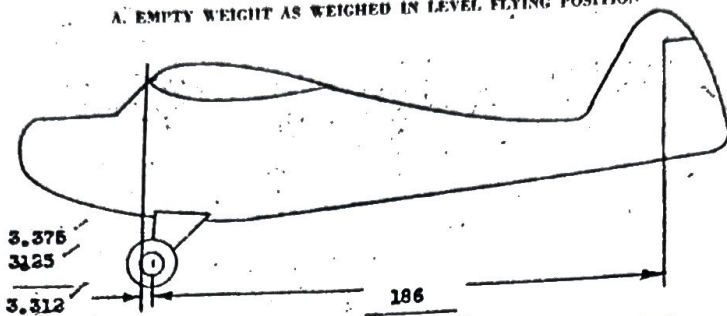
DATE: December 20, 1940

MODEL: 1P-66
 SERIAL: 850
 NO.: NO. 32428

PORTERFIELD AIRCRAFT CORPORATION
 KANSAS CITY, MISSOURI

SECTION I—AIRCRAFT EMPTY WEIGHT

A. EMPTY WEIGHT AS WEIGHED IN LEVEL FLYING POSITION



	SCALE	TARE	NET
RIGHT WHEEL	329		329
LEFT WHEEL	332		332
TAIL	55	-4	51
TOTAL			712

C. G. AFT C. L. AXLE—186(51) 13.32
 712
 C. G. AXLE AFT L. E. WING — 3.31
 C. G. AS WEIGHED IS AFT L. E. WING— 16.63

B. EMPTY WEIGHT AS WEIGHED INCLUDES THE FOLLOWING

ITEM	WEIGHT
1. Standard Equipment:	
PROPELLER AND HUB Cahlin D-566 TO 881 SER. 4742	10
FIRE EXTINGUISHER	.75
AIR SPEED	.50
ALTITUDE	1.00
OIL PRESSURE AND TEMPERATURE GAUG.	1.75
TACHOMETER	.25
IGNITION SWITCH	.23
WHEELS AND TIRES Shinn 6025B TO 63 Firestone 600-6 PLY 2	5
TAIL SKID AND SPRING	2.87
SAFETY BELTS (2)	.20
SEAT BOTTOM CUSHIONS (2 LEATHERETTE)	.20
FIRST AID KIT	
AIRCRAFT AND ENGINE LOG BOOKS	

ITEM	WEIGHT	ARM	MOMENT
2. Items for which approval as optional equipment is desired:			
Steerable Tail wheel	5.	195	975
Brakes	6.8	3	20
Compass	1	.4	.4

MODEL: IP-65
 SERIAL: 858
 NO.: NC. 32428

POPPERFIELD AIRCRAFT CORPORATION
 KANSAS CITY, MISSOURI

SECTION II—MOST FORWARD C. G. LOADING CONDITION

ITEM	WEIGHT	ARM	MOMENT
WEIGHT EMPTY	712 ✓	16.63	11840 ✓
OIL (1 GAL.)	7.5 ✓	-37	-277 ✓
FUEL (13.5 GAL.)	81 ✓	-16	-1296 ✓
PILOT AND CHUTE	190. ✓	8	1520 ✓
	990.5 ✓	11.90	11787 ✓
C. G. AFT L. E. M.A.C. 11.90 - .24 - 11.66			
C. G. PERCENT M.A.C. = $\frac{11.66 \times 100}{59.04}$ - 19.75 %			

SECTION III—MOST REARWARD C. G. LOADING CONDITION

ITEM	WEIGHT	ARM	MOMENT
WEIGHT EMPTY	712 ✓	16.63	11840 ✓
OIL (1 GAL.)	7.5 ✓	-37	-277 ✓
FUEL (MIN. FOR BALANCE)	32.5 ✓	-16	-520 ✓
PILOT AND CHUTE (REAR SEAT)	190. ✓	35.8	6802 ✓
BAGGAGE	10 ✓	52	520 ✓
	952 ✓	19.29	18365 ✓
C. G. AFT L. E. M.A.C. 19.29 - .24 - 19.05			
C. G. PERCENT M.A.C. = $\frac{19.05 \times 100}{59.04}$ - 32.27 %			

SECTION IV—NORMAL FULL GROSS

ITEM	WEIGHT	ARM	MOMENT
WEIGHT EMPTY	712 ✓	16.63	11840 ✓
OIL (1 GAL.)	7.5 ✓	-37	-277 ✓
FUEL (MINIMUM FOR BALANCE) 10 gal.	60. ✓	-16	-960 ✓
PILOT	170 ✓	8	1360 ✓
PASSENGER	170 ✓	35.8	6086 ✓
BAGGAGE	40 ✓	52	2080 ✓
	1159.5 ✓	17.36	20128 ✓

C. G. AFT L. E. M.A.C. 17.36 - .24 - 17.12
 C. G. PERCENT M.A.C. = $\frac{17.12 \times 100}{59.04}$ - 28.99 %
 C. G. LIMITS ARE IN ACCORDANCE WITH SPEC. NO. 720 (10.5 IN. 19.3 IN.)
 AFT L. E. OF WING

PLACARD

- MAXIMUM CAPACITY OF BAGGAGE COMPARTMENT - 40 ✓
- SOLO REAR SEAT - 10 ✓
- PAY LOAD (10 GAL. OF FUEL) - 210 ✓
- PAY LOAD (13.5 GAL. OF FUEL) - 189 ✓

PORTERFIELD AIRCRAFT CORPORATION
KANSAS CITY, MISSOURI

ACTUAL WEIGHT AND BALANCE

MODEL: 12-65 SERIAL NO: 858

IDENTIFICATION MARK: NC 33428

DATE: December 20, 1940

Prepared By: H.D. Oliver-Miller

Checked By:

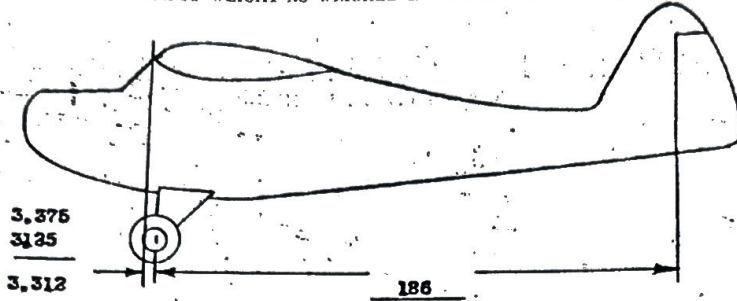
Witnessed By: *g/h*

MODEL: LP-66
 SERIAL: 888
 NO. NO: 33438

PORTERFIELD AIRCRAFT CORPORATION
 KANSAS CITY, MISSOURI

SECTION I - AIRCRAFT EMPTY WEIGHT

A. EMPTY WEIGHT AS WEIGHED IN LEVEL FLYING POSITION



	SCALE	TARE	NET
RIGHT WHEEL	329		329
LEFT WHEEL	332		333
TAIL	55	-4	51
TOTAL			712

C. G. AFT C. L. AXLE - 186(51) --- 13.32
 712
 C. G. AXLE AFT L. E. WING ---
 C. G. AS WEIGHED IS AFT L. E. WING ---
 15.63

B. EMPTY WEIGHT AS WEIGHED INCLUDES THE FOLLOWING

1. Standard Equipment:

ITEM	WEIGHT
PROPELLER AND HUB	10
FIRE EXTINGUISHER Fahlin D-588 TC 681 SER. 4742	.75
AIR SPEED	.50
ALTIMETER	1.00
OIL PRESSURE AND TEMPERATURE GAUGE	1.75
TACHOMETER	.25
IGNITION SWITCH	.25
WHEELS AND TIRES Shinn 602HB TC 63 Firestones 600-6 (PLY) 2	23
TAIL SKID AND SPRING	5
SAFETY BELTS (2)	1.50
SEAT BOTTOM CUSHIONS (2 LEATHERETTE)	.50
FIRST AID KIT	.20
AIRCRAFT AND ENGINE LOG BOOKS	.20

2. Items for which approval as optional equipment is desired:

ITEM	WEIGHT	ARM	MOMENT
Steerable tail wheel	5.	195	975
Brakes	6.8	3	.20
Compass	1	-4	-4

MODEL: 17-65
 SERIAL: 868
 NO.: NC 52438

PORTERFIELD AIRCRAFT CORPORATION
 KANSAS CITY, MISSOURI

SECTION II—MOST FORWARD C. G. LOADING CONDITION

ITEM	WEIGHT	ARM	MOMENT
WEIGHT EMPTY	712	16.63	11840
OIL (1 GAL.)	7.5	-37	-277
FUEL (13.5 GAL.)	81.	-16	-1396
PILOT AND CHUTE	190.	8	1520
<hr/>			
C. G. AFT L. E. M.A.C.	11.90 - .24 = 11.66	990.5	11.90 11787
C. G. PERCENT M.A.C.	$\frac{-11.66}{59.04} \times 100 = 19.75\%$		

SECTION III—MOST REARWARD C. G. LOADING CONDITION

ITEM	WEIGHT	ARM	MOMENT
WEIGHT EMPTY	712.	16.63	11840
OIL (1 GAL.)	7.5	-37	-277
FUEL (MIN. FOR BALANCE)	32.6	-16	-520
PILOT AND CHUTE (REAR SEAT)	190.	35.8	6802
BAGGAGE	10	52	520
<hr/>			
C. G. AFT L. E. M.A.C.	19.29 - .24 = 19.05	952	19.29 18365
C. G. PERCENT M.A.C.	$\frac{-19.05}{59.04} \times 100 = 32.27\%$		

SECTION IV—NORMAL FULL GROSS

ITEM	WEIGHT	ARM	MOMENT
WEIGHT EMPTY	712.	16.63	11840
OIL (1 GAL.)	7.5	-37	-277
FUEL (MIN. FOR HORSEPOWER) 10 gal.	60.	-16	-960
PILOT	170	8	1360
PASSENGER	170	35.8	6086
BAGGAGE	40	52.	2080
<hr/>			
	1159.5	17.36	20129

C. G. AFT L. E. M.A.C. 17.36 - .24 = 17.12
 C. G. PERCENT M.A.C. $\frac{-17.12}{59.04} \times 100 = 28.99\%$
 C. G. LIMITS ARE IN ACCORDANCE WITH SPEC. NO. 720

(10.5 IN.)
 AFT L. E. OF WING (19.3 IN.)

PLACARD

MAXIMUM CAPACITY OF BAGGAGE COMPARTMENT = 40
 SOLO REAR SEAT = 10
 PAY LOAD (10 GAL. OF FUEL) = 210
 PAY LOAD (13.5 GAL. OF FUEL) = 189

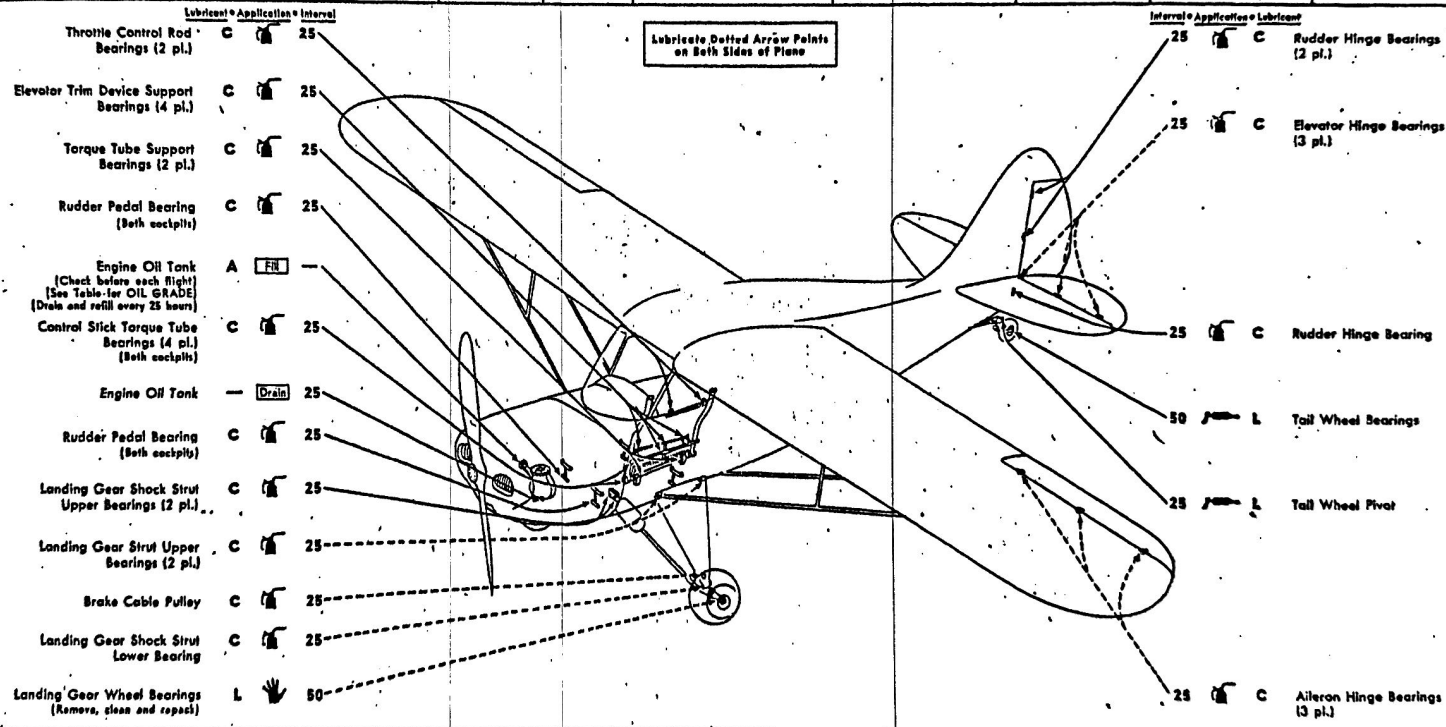


PORTERFIELD COLLEGIATE



Page

SHELL FUEL AND OIL RECOMMENDATIONS						TANK CAPACITIES	TIRES	INTERVAL	APPLICATION	AeroShell LUBRICA	
PLANE MODEL	ENGINE		SHELL FUEL GRADE	AeroShell OIL D GRADE							
	MAKE	MODEL		Ground Temperature							
			Above 70°F.	70°F. to 20°F.	Below 20°F.						
CP-65	Continental	A-65-8-9	80	80D (SAE 40)	65D (SAE 30)	55D (SAE 20)	Engine Oil—4 qt.	Main Landing Gear 6.00-6 18 lb.	25 = 25 Hours	☞ = Grease Gun ☞ = Oil Can ☞ = Hand	A = AeroShell Oil D C = AeroShell Fluid C L = AeroShell Greas
LP-65	Lycoming	O-145-B1	80	80D (SAE 40)	80D (SAE 40)	65D (SAE 30)	Fuel—13 1/2 gal.	Tail Wheel 6-2.00 Solid	50 = 50 Hours		
FP-65	Franklin	4AC-176-B2	80	55D (SAE 20)	55D (SAE 20)	55D (SAE 20)					



NOTES

1. MISCELLANEOUS — Every 25 hours, lubricate Throttle Lever Connecting Linkage, Throttle Cable End and Carburetor Heat Control Linkage with C.
2. DO NOT LUBRICATE — Control Cables or Pulleys.

FAA APPROVED

AIRPLANE FLIGHT MANUAL SUPPLEMENT

(See FAA Approved Models List (AML) for approved aircraft and engines)

REGISTRATION NUMBER 32926

SERIAL NUMBER 858

This FAA Approved Flight Manual Supplement must be carried in the aircraft when the aircraft is operated using unleaded automotive gasoline or 82 UL avgas in accordance with STC No. SA01944CH. The information contained herein supplements or supersedes the basic placards and instrument markings only in those areas listed.

FAA APPROVED: Joseph C. Miss

DATE: 02 MAR 2004

REVISED: _____





Supplemental Type Certificate for the use of Auto Fuel or
82 UL Avgas in accordance with STC SA01944CH and
STC SE01943CH

The Experimental Aircraft Association, Inc. authorizes the installation of STC
SA01944CH and STC SE01943CH on the following aircraft:

Make: JOE RANKIN (PORTERFIELD)

Model: CP165

Aircraft S/N: 858

Registration No.: 32426

Registered Owner: JOHN J O'CONNOR

Once installed on the above aircraft this authorization shall remain with the aircraft upon
transfer of ownership. These STCs may not be transferred to other aircraft without
written permission from the Experimental Aircraft Association, Inc.

Date: 8 JUNE 2011



Dear STC Recipient:

Thank you for your application for the two Supplemental Type Certificates for your aircraft.

The Experimental Aircraft Association is very pleased to be able to provide you with these STC's. Enclosed you will find your supplement to your flight manual, supplemental type certificates, and placards.

It is our hope that our efforts have helped you. If you have any further questions, please do not hesitate to contact the STC Department at (920) 426-4843.

Sincerely,

EXPERIMENTAL AIRCRAFT ASSOCIATION, INC.



EAA Aviation Center
3000 Poberezny Rd.
P.O. Box 3086
Oshkosh, WI 54903-3086

Grace Gardinier
Membership
Representative

920.426.6130 Tel
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ggardinier@eaa.org

www.EAA.org • www.AirVenture.org

FIELD INFORMATION NO. 301

AUTOMOBILE GASOLINE FOR AIRCRAFT

More than 65 percent of the privately owned, single-engine, piston fleet of aircraft in the United States still utilize 80 octane rated gasoline. There are several incentives for investigating the use of automobile gasoline rather than 100 low lead (100LL) aviation gasoline. The first is simply availability. Finding 80 octane is getting more and more difficult. When it is unavailable, then 100LL aviation gasoline must be used. When 100LL is used in place of 80 octane or automobile gasoline in engines rated for 80 octane fuel, there is a considerable increase in the cost of operation as outlined in FAA Advisory Circular AC 91-33. Field experience has substantiated that there is improved reliability when using automobile gasoline as opposed to 100LL as reported in the ASTM Report No. STP 1048.

When using unleaded regular automobile gasoline instead of 100LL aviation gasoline, the savings are made up of two parts: first, the lower price of the gasoline itself, which can be as much as \$1.00 per gallon less; second, but even more significant is the savings from the reduced cost of maintenance. Test work done years ago by Embry-Riddle Aeronautical University indicated that today the added maintenance cost of using 100LL aviation gasoline would be approximately \$10.00 an hour for a Cessna 150. With an airplane having a 230 hp engine, however, the savings when using automobile gasoline, considering maintenance, cost reduction, and direct operating cost reduction, could easily amount to more than \$35.00 per hour of operation.

As more and more aircraft become approved to use automobile gasoline, it is anticipated that the incentive will increase for additional fixed base operators to provide it at the airport. Obviously, we cannot expect them to compete with high volume cut rate automobile gasoline retailers on the street; and we should expect to pay some additional cost for the convenience of having automobile gasoline available at the airport.

The best source from a reliability, safety and convenience standpoint is the fixed-base operator on your airport. Unfortunately, in the past, FBO insurance companies were reluctant to extend coverage because of the temporary restriction the FAA had placed on the use of automobile gasoline in air taxi operations (FAR Part 121). This restriction was removed in 1992 and the use of automobile gasoline in STCed aircraft is completely approved for ALL flight operations. With this clarification, we expect to see an increase in the number of FBOs offering automobile gasoline on the airport. The FAA publication, *Airport Facility Directory*, provides information on airports having automobile gasoline available.



EAA AVIATION CENTER
 P.O. BOX 3086
 OSHKOSH, WI 54903-3086
 PHONE (920) 426-4835
 FAX (920) 426-4873

INVOICE

PAGE: 1 of 1
 INVOICE NUMBER: 7497787
 DATE: 6/8/2011
 DUE DATE:

BILL TO:

John O'Connor
 1605 Crestview Dr
 Mt Dora, FL 32757-2704

SHIP TO:

John O'Connor
 1605 Crestview Dr
 Mt Dora, FL 32757-2704

CUSTOMER ID #	CUSTOMER PO	PAYMENT METHOD	TERMS	SHIPPER	
94002		No Payment Selected - \$C		Standard	
DESCRIPTION		QUANTITY	UNIT PRICE	DISCOUNT	EXTENDED
<p>Alcohol Test Kits - The FAA has issued a special airworthiness information bulletin (SAIB) warning aircraft owners and operators with auto fuel supplemental type certificates (STC) to ensure the fuel they use does not contain alcohol (ethanol or methanol). The SAIB reinforces EAA's ongoing efforts to ensure the availability of compliant autogas by heading off or modifying legislative attempts in several states to require ethanol in all gasolines sold.</p> <p>EAA, one of two primary sources of automobile gasoline STCs for general aviation aircraft, advocates that, at the very least, states should exempt premium grade fuel from ethanol mandates to ensure a readily available and safe fuel supply for aircraft.</p>		1.0	18.00	100.00%	\$0.00
<p>MAKE CHECKS PAYABLE TO EXPERIMENTAL AIRCRAFT ASSOCIATION INVOICES 30 DAYS PAST DUE WILL BE SUBJECT TO A 1.5% PER MONTH SERVICE CHARGE ON THE UNPAID BALANCE. THIS IS AN ANNUAL PERCENTAGE RATE OF 18%.</p>			Subtotal	\$0.00	
			Sales Tax	\$0.00	
			Shipping/Handling	\$0.00	
			Total Order Amount	\$0.00	
			Payment Total	\$0.00	
			Amount Due	\$0.00	

EAA STC for the use of Auto Fuel or 82 UL Avgas

Instructions for Continued Airworthiness

Introduction: This document provides instructions for maintaining an aircraft this is operated on auto fuel or 82 UL avgas under STC SA01944CH and STC SE01943CH. It is the owner/operators responsibility to ensure that the most recent revisions to the AFM Supplement or Field Information Bulletins are obtained and adhered to. The most recent revisions can be obtained by calling EAA at (920) 426-4843 or emailing stc@eaa.org.

Basic Operation: Basic operation of the aircraft remains the same. See FAA Approved Flight Manual Supplement.

Airworthiness Limitations: Remains the same.

Maintenance: Keep fuel tanks full whenever possible. Water condenses on the walls of partially filled tanks and enters the fuel system. Filter all fuel entering the tank. Drain fuel sumps regularly. Periodically inspect and clean all fuel strainers (screens) and occasionally flush the carburetor bowl as recommended by the aircraft manufacturer. The best insurance against fuel problems is to practice good housekeeping in your routine maintenance and be constantly alert.

Inspection: Refer to FAA Approved Flight Manual Supplement, Section II – Procedures, (A)(1) Preflight Inspection.

Troubleshooting: Remains the same.

Revisions: Should a revision to this ICA become necessary, a letter will be submitted to the Chicago ACO with a copy of the revised ICA.

INSTRUCTIONS FOR INSTALLING SUPPLEMENTAL TYPE CERTIFICATES FOR THE USE OF AUTOMOBILE GASOLINE OR 82UL AVGAS IN APPROVED AIRCRAFT

The enclosed Supplemental Type Certificates, approved by the FAA for both your engine and your airframe, are the result of several years of research and hundreds of hours of flight engineering tests by the EAA Aviation Foundation, Inc.

As you know, the unleaded automobile fuel, which you purchase for your aircraft, must comply with ASTM specification D-439 or D-4814. While fuel meeting these specifications is widely available and, in fact, required by the laws of all states, it must be noted that it is the responsibility of the pilot in command to insure that the fuel meets the specifications. We recommend you use gasoline from known and reliable suppliers, and especially to observe precautions against fueling your airplane with contaminated fuel. **Do not use gasoline that contains alcohol.** The 82UL avgas must comply with ASTM specification D-6227 (color purple).

In order to apply these STC's to your aircraft you and your mechanic must take the following steps:

1. Determine that the enclosed FAA Approved Flight Manual Supplement has a raised EAA STC seal in the lower left corner of the document. If it does not have this seal, it is not a valid document and should not be processed.
2. Verify that your aircraft and engine are listed by make and specific model on the Approved Models List (AML) provided with the STC's.
3. Verify that there are no other STC's or other modifications (alterations) to the aircraft or engine that would have an adverse affect on the use of this STC.
4. You have been provided one placard for each fuel tank inlet. Remove the backing from the placard and place it adjacent to the fuel inlet. The area must be clean for good adhesion.
5. Place the FAA Approved Flight Manual Supplement in the aircraft. It must be in the aircraft and available to the pilot anytime the aircraft is being operated on unleaded auto fuel or 82UL avgas.

Note: Be sure that the gallon capacity of each tank is labeled as required. This can be done for your specific aircraft by an additional single placard if the old placard reading is not satisfactory.

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SE01943CH

This certificate issued to Experimental Aircraft Association, Inc.
3000 Poberezny Road
Oshkosh, WI 54901

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations.*

*Original Product - Type Certificate Number.** See attached FAA Approved Model List (AML) No.

*Make.** SE01943CH for list of approved engines models and

*Model.** applicable airworthiness regulations.

Description of Type Design Change:

Add the following approved fuels: unleaded automotive gasoline 87 minimum antiknock index, per ASTM Specification D-439 or D-4814 of any volatility class, A through E, or 82UL AVGAS per ASTM D-6227.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. A copy of this certificate and FAA Approved Model List (AML) No. SE01943CH, dated March 5, 2004 or later FAA approved revision, must be maintained as part of the permanent records for the modified engines.
3. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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

Date of application: February 25, 2004

Date reissued:

Date of issuance: March 5, 2004

Date amended:



By direction of the Administrator

(Signature)

Thaddeus D. Krolicki Jr.
Manager, Propulsion Branch
Chicago Aircraft Certification Office

(Title)