

PILOT LOG



No. 12P

Printed in U.S.A.

THE CIVIL AIR REGULATIONS REQUIRE THAT PILOTS AND STUDENTS KEEP AN ACCURATE RECORD OF THEIR FLYING TIME AND THE NATURE OF THE FLIGHT. A PILOT OR STUDENT MUST SHOW IN LOG ANY ACCIDENTS. ALL ENTRIES MUST BE MADE IN INK. NO PAGES CAN BE TORN FROM LOG BOOK. NO ERASURES ARE ALLOWED. REFER TO ENCLOSED SHEET FOR ADDITIONAL INFORMATION ON CIVIL AIR REGULATIONS REGARDING LOG BOOKS.

# AIR ASSOCIATES, INC.

CHICAGO, ILL.  
MUNICIPAL AIRPORT

BENDIX, N. J.  
BENDIX AIRPORT

DALLAS, TEX.  
LOVE FIELD

LOS ANGELES, CALIF.  
AIRPORT AND CENTURY BLVDS.

## IDENTIFICATION

PILOT'S NAME William H. Engle CERTIFICATE NUMBER C 5194

ADDRESS PARK AVE PILOT RATING LAND + WATER COMM + INST.

CITY AND STATE LANGHORNE PA. AIRCRAFT RATING \_\_\_\_\_

PHONE No. LANG. 2252 AIRPORT BASE FLEETWINGS BRISTOL PA.

PILOT'S SIGNATURE William A. Engle

BOOK No. 6A. DATE 6-5-43

DATE	AIRCRAFT FLOWN					REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING	
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE		H. P.
1943 6-16-43	Fleetwings	BT-12		23686	P. W	450	ARMY PROD. BT. 12
6-17	"	"	"	"	"	"	" " " "
6-18	"	"	"	"	"	"	" " " "
6-10	"	"	"	"	"	"	" " " "
7-22	"	"	"	"	"	"	" " " "
6-23	"	P.T.	33	NX29033	FRANK.	155	P.T. TRAINER
6-1	"	YPQ.	12	139050	LYC	225	ARMY YPQ-12 TRICYCLE
6-2	"	"	"	"	"	"	" " " "
8-29	"	"	"	"	"	"	" " " "
7-21	"	"	"	139051	"	"	" " " "
7-22	"	"	"	"	"	"	" " " "

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

*MAE*

CROSS COUNTRY		TIME					
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		TEST		DAILY TOTAL TIME
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	LANC.	FLAP	T.O.	50' OBST		1 40	1 40
"	"	ACROBATICS				2 35	2 35
"	"	FLAP (BEST SET)	ACRO.			1 40	1 40
"	"	SPIN CHECK				1 30	1 30
"	"	IMST + SPIN SUR.				1 45	1 45
"	"	ACROBATIC SUR				1 15	1 15
"	"	TEST				1 50	1 50
"	"	"				45	45
"	"	"				1 35	1 35
"	"	"				1 05	1 05
"	"	"				1 10	1 10
TOTAL							16 50
AMT. FORWARD		TOTAL	11-5-42 TO	6-5-43 (903:07)			4738 54
TOTAL TO DATE							4755 44

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING				
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.					
1943											
8-21-43	Fleetwings	XBQ	37	379562	LYC (2)	300	ARMY TRICYCLE TWIN ENG.				
8-22	"	"	"	"	"	"	"	"	"	"	
8-28	"	"	"	"	"	"	"	"	"	"	
8-29	"	"	"	"	"	"	"	"	"	"	
8-31	"	"	"	"	"	"	"	"	"	"	
9-3	"	"	"	"	"	"	"	"	"	"	
9-9	"	"	"	"	"	"	"	"	"	"	
9-5	"	"	"	"	"	"	"	"	"	"	
9-6	"	"	"	"	"	"	"	"	"	"	
9-7	"	"	"	"	"	"	"	"	"	"	
9-8	"	"	"	"	"	"	"	"	"	"	

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SIGNED *W. A. Engle*

CROSS COUNTRY		TIME					
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		TEST		DAILY TOTAL TIME
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	LANC	INITIAL TEST FLIGHT (NEW)			1	45	1 45
"	"	TEST INVESTIGATION CHAR.			2	50	2 50
"	"	"	"	"	1	15	1 15
"	"	"	"	"	2	55	2 55
"	"	"	"	"	1	45	1 45
"	"	"	"	"		55	55
"	"	"	"	"	1	05	1 05
"	"	"	"	"	1	25	1 25
"	"	"	"	"	2	40	2 40
"	"	"	"	"	1	50	1 50
"	"	"	"	"	1	55	1 55
TOTAL							20 20
AMT. FORWARD							47 55 49
TOTAL TO DATE							47 76 04

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H.P.	
1943							
9-9-43	FLEETWINGS	XBQ	37	379562	LYC. (2)	300	ARMY TRI-CYCLE TWIN ENGINE
8-28	FLEETWINGS	F5	AM.	NC19191	JACOBS	300	FLEETWINGS SEA BIRD
8-30							
8-31							
9-6							
9-10							
9-11							
7-3	CURTISS	LOW HANA		29395	LYC (2)	300	ARMY A.T. 9 LT. LICH. WILKINSON
7-5	"	"	"	"	"	"	" AT 9 TWIN ENG. LT.
7-6	NORTH A	"	"	2080	P.W.	550	ARMY A.T. 6. LT. WILCOFF
7-8	"	"	"	1149	"	550	" " LT. NOLAN

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SIGNED

*M. S. Engle*

CROSS COUNTRY			TIME				DAILY TOTAL TIME
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	LANC.	TEST FLIGHT CHARACTERISTICS			2	35	2 35
LOCAL	+XC	MISC			2	40	2 40
/	/	/			1	35	1 35
/	/	/			1	50	1 50
/	/	/			1	50	1 50
/	/	/			3	55	3 55
/	/	/			2	15	2 15
DAYTON	WRIGHT LOCAL	CHECK TIME			1	30	1 30
"	"	"	"	"	1	30	1 30
"	"	"	"	"	1	30	1 30
"	"	"	"	"	2	30	2 30
TOTAL							23 40
AMT. FORWARD							4776 09
TOTAL TO DATE							4799 49

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
1947							
7-11-43	WACO	CABIN		NC 39215	JACOBS	225	5 PLACE CABIN WACO
7-28-43	NORTH A.	AT 6		2113	P.W.	550	ARMY AT 6 - C
8-11	"	"	AT 6	2505	"	550	" " "
8-14	B-25	neo	BOM.	2731	WRIGHT (2)	1600	ARMY B-25 LT ED HOLM
9-17	NORTH	AT 6		132113	P.W.	550	ARMY AT 6 C
9-17	VULTEE	ASSA.		131157	WRIGHT	1700	ARMY VULTEE VENBEANCE
9-23	"	"	"	"	"	"	" " " ASSA
9-25	"	"	"	"	"	"	" " " "
10-20	FLEETWING	FS	A.7	NC19191	JACOBS	300	SEA BIRD A7P. X.C. BRISTOL -
11-1	"	"	"	"	"	"	" " " X.C. LANGL
11-4	"	XB9	37	379562	LYC (2)	"	ARMY TRICYCLE TWIN

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CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
VANDALIA	DAYTON		2 00		CHECK	CAPT BAKER	2 00
WRIGHT	DAYTON				2 00		2 00
"	"				1 30		1 30
* "	" *				2 00		2 00
"	"				1 30		1 30
# "	" #				1 00		1 00
# "	" #				2 00		2 00
# "	" #				2 05		2 05
GRUMMAN -	BRISTOL -	LANCASTER	RWA -	WHE	2 50		2 50
RET. BRISTOL -	EDWARDS	THOMPSON (ART)	KEECHAN	1 CHECK			2 25
X TEST FLIGHT	DIVE	PLACAND	34GT	1.8 -	1 50		1 50
	TOTAL						21 10
	AMT. FORWARD						4799 44
	TOTAL TO DATE						4830 54

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
11-5-43	Fleetwing	XBQ	37	379562	LFC. (2)	300	ARMY TRICYCLE TWIN ENG.
11-6-43	"	"	"	"	"	"	" " " "
11-9-43	"	"	"	"	"	"	" " " "
11-10	"	"	"	"	"	"	" " " "
11-17	"	"	"	"	"	"	" " " "
11-18	"	"	"	"	"	"	" " " "
11-24	"	"	"	"	"	"	" " " "
11-27	"	"	"	"	"	"	" " " "
11-5	"	FS	AM	NC19191	JAC.	300	SEA BIRD
11-3	"	"	"	"	"	"	" " " "
12-8	"	"	"	"	"	"	" " " "

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CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LANC. TEST FLIGHTS	STAB + CLIMB					1 45	1 45
"	"	MISC				1 55	1 55
X.C. READING FOR LOAD TESTS + ROT	LANC TESTS					1 35	1 35
MISC FLIGHT TEST	LANC.					1 25	1 25
"	"	"				1 40	1 40
"	"	"				1 05	1 05
"	"	"				1 52	1 52
"	"	"				1 45	1 45
LANC	BRISTOL ROT					1 40	1 40
"	"	"				1 45	1 45
"	"	"				1 50	1 50
TOTAL							18 17
AMT. FORWARD							4830 59
TOTAL TO DATE							4849 11

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
12-9-43	Fleetwings	F5	AM	NC19191	JAC.	300	Fleetwings Sea Bird
12-10	"	"	"	"	"	"	" " "
12-27	"	"	"	"	"	"	" " "
1-6-44	"	"	"	"	"	"	" " "
1-7-44	"	"	"	"	"	"	" " "
1-14	"	"	"	"	"	"	" " "
1-24	"	"	"	"	"	"	" " "
2-2	"	"	"	"	"	"	" " "
2-7	"	"	"	"	"	"	" " "
2-8	"	"	"	"	"	"	" " "
2-21	"	"	"	"	"	"	" " "

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CROSS COUNTRY		TIME					
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO		DAILY TOTAL TIME
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LANC	BRISTOL RET					1 40	1 40
"	" "					1 50	1 50
"	" "					2 15	2 15
"	" "					1 40	1 40
"	" "					1 48	1 48
"	" "					3 35	3 35
"	" "					1 40	1 40
"	" "					1 25	1 25
#	LOCAL BR.					40	40
BRISTOL	BUDD					WHEELS FROZE GO UP IN WIND 20	20
BUDD	BRISTOL					RET TO BRISTOL FOR REPAIRS 10	10
	TOTAL						17 03
	AMT. FORWARD						4849 11
	TOTAL TO DATE						4866 14



DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
4-15-44	Fleetwings	FS	AM	NC19191	JACOBS	300	FLEETWINGS SEA BIRD
4-19-44	"	"	"	"	"	"	" " "
4-25	"	"	"	"	"	"	" " "
4-26	"	"	"	"	"	"	" " "
4-29	"	"	"	"	"	"	" " "
4-28	"	"	"	"	"	"	" " "
12-19-43	"	XBQ-237		<sup>ARMY</sup> 3295-1	LANC(2)	300	" TWIN ENG. TRICYCLE
1-6-44	"	FS	AM	NC19191	JACOBS	300	FLEETWINGS SEA BIRD
1-7	"	"	"	"	"	"	" " "
1-14	"	"	"	"	"	"	" " "

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CROSS COUNTRY		TIME					
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO		DAILY TOTAL TIME
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	BRISTOL					35	35
"	"					55	55
"	"					50	50
BRISTOL	LANC. REI.					1 50	1 50
"	" "					1 40	1 40
LOCAL	BRISTOL		1 00			1 00	1 00
LOCAL	LANCASTER		<del>2 40</del>			2 40	2 40
"						1 35	1 35
"						1 34	1 34
"						3 50	3 50
2 ROUND TRIPS LANCASTER							
TOTAL							16 29
AMT. FORWARD							4866 14
TOTAL TO DATE							4882 43

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
1-24-44	Fleetwings	FS	AM	<sup>NC</sup> 19191	JACOBS	300	FLEETWINGS SEA BIRD
4-15-44	"	"	"	"	"	"	" " "
4-19	"	"	"	"	"	"	" " "
4-25	"	"	"	"	"	"	" " "
4-26	"	"	"	"	"	"	" " "
4-29	"	"	"	"	"	"	" " "
5-2	"	"	"	"	"	"	" " "
5-4	"	"	"	"	"	"	" " "
12-7-43	Brewster	SB2A	CAST 55		WRIGHT	1700	SBU-2A. BREWSTER
3-7-44	"	SBU2A	V44		"	"	SBU-2A "
3-8-44	REPUBLIC	P47	042		P4W	2000	P47
I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.							
SIGNED							

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	LANC.					1 35	1 35
"	"					35	35
BRISTOL	LANC & RET					1 55	1 55
LANC	BRISTOL					50	50
"	BRISTOL + RET					1 40	1 40
"	" "					1 45	1 45
"	" "					1 50	1 50
"	" "					1 35	1 35
LOCAL	BREWSTER	X X X X X				TRANS 2 10	2 10
"	"					DUTCH SHIP # 76 V49 2 20	2 20
LOCAL	REPUBLIC					TRANS. & FAMIL. 1 05	1 05
TOTAL							16 20
AMT. FORWARD							4882 43
TOTAL TO DATE							4899 03

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
1-16-99	Fleetwings	XBB	-1	ARMY 279561	FRANKLIN (2)	250	TWIN ENGINE TRICYCLE
1-16							
1-17							
1-17							
1-17							
1-18							
1-18							
1-19							
1-19							
1-20							
1-25							

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CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
							1 32
							57
							1 10
							50
							35
							30
							1 10
							45
							15
							23
							1 10
							9 17
							4899 03
							4908 20

FIRST TEST FLIGHT NEW X AIRPLANE SHAKEDOWN  
MISC TEST FLIGHTS LANCASTER

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
1-26-99	Fleetwings	KDQ-1		ARMY 279561	(2) FRANKLIN	250	ONE PLACE TRICYCLE TWIN ENGINE SUPER CHARGED
1-26							
1-31							
2-4							
2-8							
2-10							
5-4							
5-5							
5-5							
5-6							
5-8							

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CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LANCASTER	LOCAL	X ARMY					16
							105
							45
							150
							110
							45
							10
							70
							110
							55
							105
							1051
							990820
							991911

TOTAL

AMT. FORWARD

TOTAL TO DATE

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
5-8-44	Fleetwings	XBQ-1		ARMY 279561	(2) FRANKLIN	500	1 PLACE <sup>WOOD</sup> ARMY TRICYCLE TWIN ENGINE
5-9	"	"	"	"	"	"	" " " "
5-10	"	"	"	"	"	"	" " " "
4-19	"	HELICOPTER		NY 41809	CONT.	250	2 PLACE HELICOPTER
4-20	"	XH	10	"	"	"	" " " "
4-21	"	XH	10	"	"	"	" " " "
5-20	"	"	"	"	"	"	" " " "
5-25	"	"	"	"	"	"	" " " "
5-26	"	"	"	"	"	"	" " " "
5-27	"	"	"	"	"	"	" " " "
5-18	"	FS	AN	NC 15191	JACOBS	"	SEA BIRD WATER AMP

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CROSS COUNTRY			TIME				DAILY TOTAL TIME
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LANCASTER	New Germany	TOWN FERRY-DAYTON	REF	LANCOIL	LEAKS		1 01
LANCASTER	PITTSBURG	CRUISE	LOW	POWER			1 37
PITTSBURG	DAYTON	WRIGHT	"	"			1 50
LOCAL	FLEETWINGS	LAND					01
"	"	"			HELICOPTER X SHIP		02
"	"	"					01
"	"	WATER			TIME IS IN MIN & SEC.		13.31
"	"	"	"	"	"	"	4.99
"	"	"	"	"	"	"	8.55
"	"	"	"	"	"	"	14.37
BRISTOL	PAUKENT	+ REF	NOVONI-LANNING-TUTTLE	WIK			2 40.
	TOTAL						7 11
	AMT. FORWARD						4919 11
	TOTAL TO DATE						4926 22









DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
12-19-43	Fleetwings	XDG-2		ARMY 27956XZ	(2) LYCONINGS	300	ARMY TRICYCLE TWIN ENGINE
5-28-49	GRUNN	F6F-5		NAVY 58379	P.W.	2800	NAVY F6F-5 HELL CAT
5-29							
5-29							
5-30							
5-30							
6-1							
6-2							
6-3							
6-3							
6-3							

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CROSS COUNTRY		TIME					DAILY TOTAL TIME
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
WOODBOND.	LOCAL LANC.						1 40
LOCAL	TRENTON						1 00
							1 05
							1 05
							1 20
							1 00
							1 00
							30
							1 05
							1 25
							35
	TOTAL						11 25
	AMT. FORWARD						4946 30
	TOTAL TO DATE						4957 55

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
1944							
6-7-44	GRUMMAN	F6F-5		NAVY 58379	P4W	2800	NAVY F6F-5 HELL CAT
6-7	"	"	"	"	"	"	" " "
6-9	"	"	"	"	"	"	" " "
6-9	"	"	"	"	"	"	" " "
6-9	"	"	"	"	"	"	" " "
6-11	"	"	"	"	"	"	" " "
6-11	"	"	"	"	"	"	" " "
6-11	"	"	"	"	"	"	" " "
6-12	"	"	"	"	"	"	" " "
6-12	"	"	"	"	"	"	" " "
6-13	"	"	"	"	"	"	" " "

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CROSS COUNTRY		TIME					DAILY TOTAL TIME
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	TRENTON	YAW INVESTIGATION					1 00
"	"	"					1 00
"	"	CK FLIGHT 25 HP ENGINE & PLANN					30
"	"	CAA. H.P. RATING TEST CAA TSP GAMES					35
"	"	MILITARY POWER CLIMBS YAW SURVEY					1 05
"	"	"					1 05
"	"	"					1 05
"	"	"					1 00
"	"	RATED					1 35
"	"	POWER OFF YAW SURVEY					1 15
"	"	POWER ON GARDN YAW SURV					1 40
	TOTAL						11 50
	AMT. FORWARD						4957 55
	TOTAL TO DATE						4969 45

DATE 1944	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
6-16	GRUMMAN	FLF-5		NAVY 58379	P. & W.	2800	NAVY F-6-F-5 HELLCAT
6-17							
6-17							
6-17							
6-18							
6-18							
6-19							
6-20							
6-20							
6-25	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELL DIVER

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED *M. E. [Signature]*

CROSS COUNTRY		TIME					DAILY TOTAL TIME
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	TRENTON	Power ON + OFF	FLAPS UP + DOWN				1 15
		"	ON FLAPS + GEAR DN				1 10
		"	"	"	"	RATED	1 05
		"	"	"	"	MILITARY	1 30
		"	FLAPS UP CRUISE POWER				1 35
		"	CLEAN RATED POWER				1 05
			MILITARY POWER CLEAN				1 30
		"	"	"	"		1 25
		60%	"	"	"		55
		"	"	"	"		35
LOCAL	TRENTON	FAMILIARIZATION					1 30
	TOTAL						13 35
	AMT. FORWARD						9969 45
	TOTAL TO DATE						4983 20

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
1944							
6-25	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELL DIVER
6-26	"	"		"	"	"	" "
6-27	"	"		"	"	"	" "
6-28	"	"		"	"	"	" "
6-29	"	"		"	"	"	" "
6-30	"	"		"	"	"	" "
7-1	"	"		"	"	"	" "
7-3	"	"		"	"	"	" "
7-4	"	"		"	"	"	" "
7-12-44	"	"		"	"	"	" "
7-15-44	"	"		"	"	"	" "

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	TRENTON	MISC	YAW	TESTS			1 10
"	"	"					2 20
"	"	"					2 05
"	"	"					90
"	"	"					95
"	"	"					2 35
"	"	"					1 00
"	"	"					1 05
"	"	"					50
"	"	"					:24
"	"	"					:45
	TOTAL						13 39
	AMT. FORWARD						49 83 20
	TOTAL TO DATE						49 96 59

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING		
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.			
7-17-43	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER		
7-24-43	"	"	"	"	"	"	" "		
7-26-43	"	"	"	"	"	"	" "		
7-28-43	"	"	"	"	"	"	" "		
8-1-44	Fleetwings	F-5	AM	N <sup>o</sup> 19191	JACOBS	250	SEABIRD WATER AMO.		
8-4-44	"	"	"	"	"	"	" " "		
8-5-44	"	"	"	"	"	"	" " "		
8-8-44	"	"	"	"	"	"	" " "		
8-9-44	"	"	"	"	"	"	" " "		
8-22-44	"	"	"	"	"	"	" " "		
8-23-44	"	"	"	"	"	"	" " "		

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	TRENTON	MISC.	YAW	TESTS			1 00
"	"	"	"	"			1 00
"	"	"	"	"			45
"	"	"	"	"			1 30
BRISTOL	BENDIX	KBK-1					1 20
"	LOCK HAVEN	KBK-1	SUB.	CINT.			3 00
"	LOCAL	AIRPORT	PHOTOGRAPHS				25
"	"	"	"	"			20
"	BOSTON	KBK-1					4 45
"	LOCAL	KC KAISER FIELD	FIRST	LANDING			10
"	"	FIRST PASS FLIGHT - KAISER FIELD					25
TOTAL							14 40
AMT. FORWARD							4996 59
TOTAL TO DATE							5011 39

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
8-28-44	FLEETWINGS	F5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
8-29-44	"	"	"	"	"	"	" " "
9-10-44	ERCOUPE			NC28943	CANT.	65	
9-15-44	"			"	"	"	
9-16-44	"			"	"	"	
9-17-44	"			"	"	"	
9-20-44	"			"	"	"	
" " "	FLEETWINGS	F5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
9-21-44	ERCOUPE			NC28943			
9-21-44	FLEETWINGS	F5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
9-22-44	"	"	"	"	"	"	" " "
I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.							
SIGNED							

CROSS COUNTRY		TIME						DAILY TOTAL TIME
FROM	TO	INSTRUMENT RADIO OR HOOD	DUAL		SOLO			
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT		
BRISTOL	WASHINGTON		KBX-1	BUSINESS			2 55	
"	MUSTIN		"	"			25	
LOCAL			2 10				2 10	
"			50				50	
"			40				40	
"			45				45	
"			1 20				1 20	
"			CK GEAR				20	
"			25				25	
BRISTOL	W.A.F. Phila.						35	
LOCAL			PICTURES				40	
	TOTAL						11 05	
	AMT. FORWARD						3011 39	
	TOTAL TO DATE						3022 44	

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
9-25-44	ERCOUPE			NC28943			
9-26-44	FLEETWINGS	F5	AM	NC19191	JACOBS	250	SEAIRD WATER AMP.
10-1-44	LUSCOMBE			NC28620	Cont.	75	
" " "	ERCOUPE			NC28943	Cont.	65	
10-2-44	"			"	"	"	
10-3-44	"			"	"	"	
10-5-44	"			"	"	"	
10-5-44	FLEETWINGS	F.5	AM	NC19191	JACOBS	250	SEAIRD WATER AMP.
10-8-44	"	"	"	"	"	"	" " "
10-12-44	CURTISS	5BAC-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
" " "	ERCOUPE			NC28943	Cont.	65	
I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.							
SIGNED							

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
LOCAL	BRISTOL			30			30
BRISTOL	WASHINGTON						3 05
LOCAL	BRISTOL			FAM			35
"	"			3 10			3 10
"	"			40			40
"	"			1 20			1 20
"	"						15
BRISTOL	BUDD						20
"	LANGLEY						3 55
LOCAL	BRISTOL			FAM & TEST			25
"	"			3 30			3 30
	TOTAL						17 45
	AMT. FORWARD						5022 44
	TOTAL TO DATE						5040 29

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
10-16-44	Fleetwings	FS	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
10-17-44	Curtiss	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
" " "	ERCOUPE			NC28943	CONT.	65	
10-18-44	"			"	"	"	
" " "	Curtiss	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
10-24-44	LUSCOMBE			NC28620	CONT.	75	
10-26-44	"			"	"	"	
" " "	Fleetwings	FS	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
10-28-44	"	"	"	"	"	"	" " "
10-30-44	"	"	"	"	"	"	" " "
10-30-44	LUSCOMBE			NC28620	CONT	75	

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
BRISTOL	BALTIMORE						3 10
LOCAL	BRISTOL		CK. INST.				55
"	"		LD & T.O. TESTS				1 00
"	"		35				35
"	"		CK DIVE BRAKES				50
"	"		CK				30
"	"		TRACK PROP				1 05
BRISTOL	LANCASTER						1 40
"	RIVERDALE		R. MD. ERCOUPE DELIVERY				2 30
"	LANGLEY		LABK-1 MODEL				3 35
"	LOCAL		1 50				1 50
	TOTAL						17 40
	AMT. FORWARD						5040 29
	TOTAL TO DATE						5058 09



DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
11-3-44	Fleetwings	F-5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
" " "	ERCOUPE			NC28943	CONT	65	
11-3-44	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
11-7-44	Fleetwings	F-5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
11-8-44	ERCOUPE			NC28943	CONT.	65	
11-24-44	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
11-25-44	ERCOUPE			NC28943	CONT.	65	
11-28-44	"			"	"	"	
11-25-44	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
11-29-44	"			"	"	"	" "
12-9-44	Fleetwings	F-5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
BRISTOL	LOCAL		CK NEW FUEL PUMP				15
"	"		35				35
"	"		CK DIVE FLAPS				25
"	TARRYTOWN						1 35
"	LOCAL		20				20
"	"		CK YAW VANE				35
"	"		30				30
"	"		30				30
"	"		YAW TEST				1 20
"	"		JURVEY				35
"	WASHINGTON						2 45
	TOTAL						9 45
	AMT. FORWARD						5058 09
	TOTAL TO DATE						5067 54

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
12-19-44	CURTISS	5B5C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
12-22-44	"	"	"	"	"	"	" "
12-26-44	HOWARD	NH-1		NAVY 29453	P&W WASP	450	
12-27-44	"	"	"	"	"	"	
12-30-44	"	"	"	"	"	"	
1-3-45	ERCOUPE			NC28943	CONT	65	
1-3-45	CURTISS	5B2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
1-6-45	HOWARD	NH-1		NAVY 29453	P&W WASP	450	
1-11-45	CURTISS	2B2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
1-30-45	"	"	"	"	"	"	" "
2-6-45	HOWARD	NH-1		NAVY 29453	P&W WASP	450	
I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.							
SIGNED							

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
BRISTOL	LOCAL		ZERO	YAW	CK		1 20
"	"		FLT. TESTS				1 15
"	"		CK				40
"	"	1 30					1 30
"	"		FAMV INST				1 40
"	"		30				30
TRENTON	BRISTOL		RUDDER PEDAL DEV.				15
							30
TRENTON	LOCAL		YAW TESTS				1 10
"	BRISTOL		KC BRISTOL 50 HR CK				10
BRISTOL	LOCAL	1 00					1 00
	TOTAL						10 00
	AMT. FORWARD						5067 54
	TOTAL TO DATE						5077 34

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
2-7-45	HOWARD	NH-1		NAVY 29453	D4W WASP	450	
" "	"	"		"	"	"	
2-12-45	"	"		"	"	"	
2-15-45	FIRSTWINGS	FS	AM	NR19191	JACOBS	250	SEABIRD WATER PMP.
" " "	CURTISS	5132C-3		NAVY #19357	WRIGHT	260	CURTISS HELLDIVER
2-19-45	"	"		"	"	"	" "
" " "	"	"		"	"	"	" "
" " "	"	"		"	"	"	" "
" " "	"	"		"	"	"	" "
2-20-45	"	"		"	"	"	" "
" " "	"	"		"	"	"	" "

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
BRISTOL	LOCAL	45					45
"	"	50					50
"	"				15		15
"	"		100 HR CK FLIGHT				40
	TARI RUN		CK				
BRISTOL	TRENTON		60 HR CK				30
TRENTON	LOCAL		YAW TESTS, ETC.				120
"	BRISTOL						10
BRISTOL	LOCAL		YAW + LATERAL CONTROL				55
"	"		STALL SURVEY				130
"	"		LONGITUDINAL STABILITY				145
	TOTAL						840
	AMT. FORWARD						507754
	TOTAL TO DATE						508634

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
2-28-45	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
" " "	"	"	"	"	"	"	" " "
" " "	HOWARD	NH-1		NAVY 29453	P4W WASP	450	
3-8-45	FLEETWINGS	F5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP
3-9-45	"	"	"	"	"	"	" " "
3-14-45	HOWARD	NH-1		NAVY 29453	P4W WASP	450	
3-15-45	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
3-16-45	HOWARD	NH-1		NAVY 29453	P4W WASP	450	
" " "	"	"	"	"	"	"	
3-17-45	"	"	"	"	"	"	
3-20-45	FLEETWINGS	F5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
BRISTOL	LOCAL						20
"	TRENTON						10
"	"						10
TRENTON	LOCAL						50
TRENTON	PATUXENT						2 35
"	LOCAL						1 30
"	"						40
"	"						1 00
"	"						42
"	"						50
"	"						55
	TOTAL						4 52
	AMT. FORWARD						5086 34
	TOTAL TO DATE						5091 26

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
3-23-45	Fleetwings	F5	AM	NC19191	JACOBS	250	SEABIRD WATER AMP.
3-24-45	"	"	"	"	"	"	" " "
" " "	"	"	"	"	"	"	" " "
3-26-45	"	"	"	"	"	"	" " "
3-29-45	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
" " "	HOWARD	NH-1		NAVY 29453	P4W WASP	450	
4-2-45	CURTISS	SB2C-3		NAVY 19357	WRIGHT	2600	CURTISS HELLDIVER
" " "	Fleetwings	KBTK-1		NAVY 44313	P4W	2800	
4-3-45	"	"		"	"	"	
4-7-45	HOWARD	NH-1		NAVY 29453	P4W WASP	450	
4-10-45	Fleetwings	KBTK-1		NAVY 44313			

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
TRENTON	LOCAL			CK AIR SPEED			45
"	"			BOMB CALIB			1 20
"	"			PHOTO KAISER FIELD			1 00
"	"			BOMB CALIB.			1 20
"	BRISTOL			FERRY			15
"	LOCAL			TRAIL SB2C-3 BOMB TEST			1 40
BRISTOL	"			CK N.S. RUNWAY			15
"	"						
TRENTON	BRISTOL			FERRY			15
"	"						
	TOTAL						6 50
	AMT. FORWARD						50 91 26
	TOTAL TO DATE						50 98 16

DATE	AIRCRAFT FLOWN						REMARKS OR INSPECTOR'S SIGNATURE CERTIFICATION NUMBER AND RATING
	MAKE OF AIRCRAFT	CLASS	TYPE	CERTIFICATE NUMBER	MAKE OF ENGINE	H. P.	
4-8-45	HOWARD	NH-1		NAVY 19453	P4W WASP	450	LAST PHYS. APRIL 13, 1945

I HEREBY CERTIFY THAT THE FOREGOING ENTRIES ARE TRUE AND CORRECT.

SIGNED

CROSS COUNTRY		INSTRUMENT RADIO OR HOOD	TIME				DAILY TOTAL TIME
FROM	TO		DUAL		SOLO		
			AS INSTRUCTOR	AS STUDENT	DAY	NIGHT	
BRISTOL	LOCAL			CA			1 05
1945 TIME		5098:16					
TOTAL							
AMT. FORWARD							5098 16
TOTAL TO DATE							