

#4 Mar. 1, 1939 To May 2, 1934



REPLACES THE FORMERLY USED PILOT'S PERSONAL LOG BOOK

## RICHFIELD'S AVIATION OIL

### *The World's Finest Airplane Engine Oil*

Richfield's Aviation Oil is a 100% pure Pennsylvania straight run product, especially refined from Pennsylvania's premium amber crude to meet the most exacting needs of aircraft engines. It is made in five consistencies, with a grade for every known type of water or air-cooled engine used today. It far exceeds in quality the specification requirements of all aircraft engine manufacturers, and is guaranteed to be the world's finest airplane engine oil. Outstanding features of Richfield quality are as follows:

- First: It is highly fluid at starting temperatures and moves quickly and freely to the most remote bearing surfaces as soon as the motor starts to turn over.
- Second: Its extreme high flash and fire points indicate its great heat and friction resisting qualities.
- Third: It maintains its viscosity or body at extreme temperatures to seal the piston and so prevents loss of compression and by-passing of damaging vapors into the crankcase.
- Fourth: It is highly filtered and absolutely free from impurities and when heated will not decompose or form a smudge.

Ordinary oils may meet the requirements of the aircraft under ordinary normal conditions, but they break down when called upon to resist the extreme temperature and unusual friction of an emergency. Richfield quality so far exceeds the normal needs of the engine that it furnishes a safety factor of 50% above most airplane engine oils, and after all, this security, this motor insurance is the very thing that you try to buy when you buy lubricating oil.



RICHFIELD AVIATION OIL

The World's Finest Aviation Fuel



## PILOT LOG BOOKS

### *Instructions for Use*

1. The new owner should see that the manufacturer or seller makes the original entries in this Log Book as far as possible. Future entries are to be made and signed by the pilot or his authorized agent.
2. Entries must be made in ink.
3. Pages must not be torn from this Log Book, and erasures are not allowed. If a mistake is made, cross it out but do not attempt to erase.
4. None but licensed mechanics may work on a licensed airplane. Initials and number of mechanic must be shown when repairs are made.
5. Any information such as manufacturers' notes, record of test, diagrams of timing, etc., should be placed in the slips provided for that purpose inside the book cover.
6. Engine time records should be entered from the Log Book, a line for each day's running.
7. This Log Book should be kept up to date at all times and ready for inspection by Department of Commerce representatives or other authorized persons.





DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					1689	45	
Mar 8	113787	Savaria M.			1	45	Students - Water Landings
8	3134	G. Lakes				50	"
9	11324	" "			1	50	" Blind Flying.
9	3134	" "			1	05	"
9	4089	Ryan BI			10		Local Pass.
10	3134	G. Lakes			40		" "
11	"	" "			10		" "
11	6921	Fairchild 7C2	2	45			S.D. to Long Beach + Return
11	3787	Savaria M.			20		Local Photo. Exp.
12	4089	Ryan BI			30		" Pass. & List
12	839K	G. Lakes			15		" "
13	3787	Savaria M.	3	05			" Students - Water Landings
13	3134	G. Lakes			30		" "
13	4089	Ryan BI			10		" Pass.
14	3134	G. Lakes			2	45	" Students
15	"	" "				55	" "
16	"	" "				45	" "
CARRIED FORWARD					1708	05	CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD				1718	05		
Mar 16	839K	G. Lakes			15		Local Photo Exp.
17	11324	" "			40		" Stu - Blind Flying.
17	839K	" "			10		" Photo Exp.
17	3134	" "			2		" "
18	"	" "			2 05		" "
18	378N	Savaria M.			1		" " Water Landings
19	839K	G. Lakes			25		" Pass.
19	4089	Ryan BI			20		" "
19	3134	G. Lakes			50		" Acrobatics & Formation
20	11324	" "			1 50		" Stu. - Blind Flying
20	872K	" "			40		" "
20	378N	Savaria M.			40		" " Water Landings
21	4089	Ryan BI			10		" Pass.
21	11324	G. Lakes			35		" Students.
22	3134	" "			1 35		" "
22	839K	" "			10		" Photo
22	378N	Savaria M.			10		" "
CARRIED FORWARD				1721	40		CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD					1721	40	
Mar 23	76324	G. Lakes			10		Local Students
23	3787	Savaria m.			20		" Photo Rps.
24	3134	G. Lakes	1	10			" Students
24	4089	Ryan BI			10		" Pass
25	"	"			10		" "
25	3787	Savaria m.	1	10			" Str. Water Landings
25	11324	G. Lakes			40		" " Bird Fly.
25	3134	"			40		" "
27	"	"			30		" "
27	11324	"			50		" " " "
28	3134	"			20		" "
28	11320	"			30		" Inst.
29	3134	"	3	15			" Students + Inst
30	"	"	1	05			" "
30	11320	"			30		" "
30	"	"			20		" Inst
31	3134	"			35		" str.
CARRIED FORWARD					1734	05	CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD					1734	05	
Mar 31	840K	G. Lakes			20		Local Students
31	4089	Ryan BI			15		" Pass.
April 1	"	"			10		" "
1	11320	G. Lakes			5 40		San Diego to Oakland Cal.
2	"	"			5 25		Oakland to San Diego "
3	3134	"			55		Local Students.
4	"	"			1 45		" "
5	"	"			30		" "
5	11320	"			1 10		" " Mile Flying
5	11324	"			20		" "
6	3134	"			25		" "
7	"	"			1 30		" "
7	11320	"			30		" Pass. Mile
8	3134	"			40		" Inst. + Demo.
10	"	"			2 15		" str.
11	"	"			1 05		" "
11	11320	"			50		" mile Demo.
CARRIED FORWARD					1757	50	CERTIFIED CORRECT







DATE

LICENSE  
NUMBERTYPE OF  
PLANEDURATION  
OF FLIGHT

HRS. MIN.

SOLO  
TIME

HRS. MIN.

REMARKS:

1933

BROUGHT FORWARD

1718 45

April 27	nc 11320	G. Lakes			40	Local students
27	"	" "			35	Test.
27	nc 11319	" "			35	" Formation
29	nc 11320	" "			45	" Students
May 1	"	" "			30	" Mts Lands.
1	"	" "			35	" Students
1	nc 3134	" "			1 50	" "
2	nc 11320	" "			15	" "
3	nc 3134	" "			3 05	" "
3	"	" "			20	" Test
4	"	" "			1 35	" Students
4	nc 6921	Fairchild 7C2			20	" Pass
5	nc 11320	Great Lakes			25	" Students
5	nc 3134	" "			30	" "
6	"	" "			1 30	" "
6	nc 6921	Fairchild 7C2			30	S.D. to Caliente & Return
8	nc 3134	Great Lakes			2 10	Local students

CARRIED FORWARD

1813 55

CERTIFIED CORRECT

DATE

LICENSE  
NUMBERTYPE OF  
PLANEDURATION  
OF FLIGHT

HRS. MIN.

SOLO  
TIME

HRS. MIN.

REMARKS:

BROUGHT FORWARD

1813 55

May 8	nc 9629	Buhl Jt			15	Local Pass.
8	nc 3134	Great Lakes			30	S.D. to Caliente & Return
8	nc 840X	" "			45	Local Demo. and test
9	nc 3134	" "			55	" Students.
9	nc 6921	Fairchild 7C2			10	" Test
10	nc 3134	Great Lakes			55	" Students
11	"	" "			2 35	" "
11	"	" "			20	" Demo.
11	nc 839K	" "			10	" Test
12	nc 3134	" "			55	" Students
13	nc 11320	" "			6 55	S.D. to Death Valley & Return
15	nc 3134	" "			4 05	Local students
15	nc 840X	" "			30	" "
15	nc 6921	Fairchild 7C2			40	Aerial Mapping near Kearney
16	nc 11320	Great Lakes			4 05	Local students
16	nc 11319	" "			25	" "
16	nc 840X	" "			30	" "

CARRIED FORWARD

1838 35

CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933					1838	35	
BROUGHT FORWARD							
May 17	nc 839K	Great Lakes				30	Local Students
17	nc 11320	" "			1	15	" "
17	nc 3134	" "			2		" "
17	nc 11319	" "				10	" "
18	nc 3134	" "			1	05	" "
18	nc 11320	" "				35	" "
18	nc 4921	Fairchild 7C2			25		In Border Field
19	"	" "			10		Local Pass.
19	nc 3134	Great Lakes			1	55	" Students
19	nc 11320	" "			1	20	" "
19	nc 3134	" "				15	" Demo.
20	"	" "			1	50	" Students
20	nc 11320	" "				5	" "
22	nc 3134	" "			2	45	" "
23	"	" "			2	20	" "
23	nc 11320	" "				10	" "
23	nc 839K	" "				10	" "
CARRIED FORWARD					1855	25	
							CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933					1855	25	
BROUGHT FORWARD							
May 23	nc 4921	Fairchild 7C2				50	Local students + Pass.
24	nc 3134	Great Lakes			2	20	" "
25	nc 11320	Great Lakes			2	05	" "
25	nc 11319	" "			1	05	" Strange fields
25	nc 4921	Fairchild 7C2				10	" Pass.
26	nc 11320	Great Lakes			2	35	" Students + Test
27	"	" "				50	" "
28	"	" "				20	" Pass.
29	"	" "			1		" Students
31	"	" "			1	50	" "
June 1	"	" "			2	20	" "
1	nc 3134	" "				30	" Test.
2	nc 11320	" "			3	20	" Students
3	nc 3134	" "			2	05	" + Demo.
5	"	" "			1	-	" "
5	nc 11320	" "				45	" "
6	nc 3134	" "			1	55	" "
CARRIED FORWARD					1882	25	
							CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD					1882	25	
June 7	no 3134	Great Lakes			1	25	Local students
8	"	"				55	" "
8	no 6921	Fairchild 7C2			10		" Pass.
9	no 3134	Great Lakes			35		" Students
9	no 11320	"			45		" "
10	no 3134	"			35		" "
12	"	"			1	10	" "
13	"	"			50		" "
14	"	"			18		" "
14	no 11320	"			1	45	" "
14	no 6921	Fairchild 7C2			10		" Pass.
15	no 3134	Great Lakes			40		" Students
16	no 11320	"			1	20	" "
16	no 6921	Fairchild 7C2			15		" Pass.
17	no 11320	Great Lakes			3	45	" Students
19	"	"			2	20	" "
19	no 5404	"			10		" Pass.
CARRIED FORWARD					1898	05	CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD					1898	05	
June 20	no 11320	Great Lakes			2	45	Local Students
21	no 3134	"			1	50	" "
21	no 3094	"			30		" "
22	no 3134	"			2	-	" "
23	"	"			2	-	" "
23	no 3094	"			30		" "
24	"	"			40		" "
24	no 3134	"			45		" "
24	no 11320	"			30		Vol. to Laguna Caliente & Ret.
24	no 6921	Fairchild 7C2			10		Local Pass.
26	"	"			10		" "
26	no 11320	Great Lakes			55		" Students
26	no 3134	"			1	25	" "
26	no 3094	"			45		" "
27	"	"			45		" "
27	no 11320	"			30		" "
27	no 3134	"			1	35	" "
CARRIED FORWARD					1917	50	CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD					1917	50	
June 28	3134	Great Lakes			2	30	Local Students
28	11320	" "				15	" "
28	3094	" "				45	" "
29	"	" "				50	" "
29	3134	" "			1	35	" "
30	"	" "			2	35	" "
30	3094	" "				50	" "
30	11320	" "				20	To Rockwell & Return
30	872K	" "				10	Local student
July 1	3094	" "				30	" "
1	3134	" "				30	" "
1	11320	" "				20	To Chula Vista & Return
2	11320	" "				20	Local students
2	6921	Fairchild 7C2				30	" Pass.
2	3134	Great Lakes				10	Test.
5	"	" "				50	" Students
5	11320	" "				30	" "
CARRIED FORWARD					1931	40	CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD					1931	40	
July 5	3094	Great Lakes				50	Local students
6	"	" "				50	" "
6	11320	" "				15	" Pass.
6	6921	Fairchild 7C2				15	" "
6	3134	Great Lakes			2	50	" Students
7	"	" "				35	" "
7	3094	" "				30	" "
8	"	" "				55	" "
8	11320	" "				1 35	" "
10	"	" "				2 30	" "
10	3094	" "				50	" "
10	3134	" "				30	" "
11	"	" "				1 25	" "
12	"	" "				3 05	" "
12	3094	" "				45	" "
13	"	" "				20	" "
13	3134	" "				3 05	" "
CARRIED FORWARD					1952	45	CERTIFIED CORRECT



DATE		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD								
July	13	nc 6921	Fairchild 7C2			1952	45	
	13	nc 6921	Great Lakes				10	Local Pass.
	14	nc 11320	Great Lakes			1		Students
	14	nc 3134	"				45	"
	14	nc 3134	"			2		"
	14	nc 840K	"				35	" Blind fly
	14	nc 3134	"			1	05	"
	14	nc 3094	"				25	" 1958 45
	17	"	"				10	"
	17	nc 840K	"				40	" " " "
	17	nc 3134	"			3	15	" " " "
	18	"	"			2	50	"
	18	nc 11320	"				15	"
	18	nc 3094	"				25	"
	18	nc 11320	"				10	" Photo
	18	nc 6921	Fairchild 7C2				10	" Pass.
	19	nc 3134	Great Lakes			3	40	" Students
	19	nc 840K	"				40	" " " "
CARRIED FORWARD						1971	00	CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					1971	00	
July 20	nc 3134	Great Lakes			2	20	Local students
21	"	" "			3	15	" "
22	"	" "			50		" "
22	nc 6921	Fairchild 7C2			50		" Photo + students
24	"	" "			45		" "
24	nc 3134	Great Lakes			1	25	" Students
25	"	" "			2	20	" "
25	nc 6921	Fairchild 7C2			1		" "
26	nc 3134	Great Lakes			4		" "
27	nc 11320	" "			1	55	" "
28	"	" "			1	40	" "
28	nc 6921	Fairchild 7C2			1	0	" Pass.
29	nc 11320	Great Lakes			1		" Students
31	"	" "			1	10	" "
Aug 1	"	" "			1	55	" "
1	nc 3094	" "			20		" "
2	nc 11320	" "			2	40	" + Demo.
CARRIED FORWARD					1998	35	CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933					1998	35	
BROUGHT FORWARD							
Aug 2	nc 6921	Fairchild 7C2				10	Local Pass.
3	"	"				10	" "
3	nc 11320	Great Lakes	1				" Students
4	"	"				30	" "
4	nc 6921	Fairchild 7C2				10	" Pass.
7	"	"				10	" "
7	nc 11320	Great Lakes				45	" Students
8	"	"				30	" "
8	nc 3134	"				20	" Int.
9	nc 11320	"				50	" "
10	nc 3134	"				25	" "
11	"	"				30	" "
12	nc 6921	"				50	" "
12	nc 3134	"				15	To Rockwell & Return
12	nc 6921	Fairchild 7C2	1	25			To Romona & Elmore & Return
12	"	"				10	Local Pass.
12	nc 31320	Great Lakes				30	" "
CARRIED FORWARD					2008	25	
							CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					2008	25	
Aug 14	nc 11320	Great Lakes				45	Local students
14	"	" "				15	" "
15	"	" "				15	" "
15	nc 3134	" "				35	" "
15	nc 4089	Ryan B1				45	Test.
15	nc 6921	Fairchild 7C2				10	" Pass.
16	nc 4089	Ryan B1				40	" "
16	nc 3134	Great Lakes				55	" Students
17	"	" "				45	" "
17	nc 4089	Ryan B1				15	" Pass.
18	nc 11320	Great Lakes				15	" Students
19	nc 11320	" "			1	25	" "
21	"	" "				30	" "
22	"	" "				25	" "
22	nc 3134	" "				35	" "
22	nc 6921	Fairchild 7C2				10	" Pass.
23	"	" "				10	" "
CARRIED FORWARD					2017	15	
							CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					2017	15	
Aug 23	11320	Great Lakes			1	30	Local Paper Students
24	"	"			1		" Students
25	6921	Fairchild X2			10		" Pass
25	11320	Great Lakes			15		"
26	"	"			40		" Students
26	840K	"			46		" " Blind Fly
28	"	"			45		" " "
28	11320	"			25		"
28	3134	"			50		"
29	"	"			35		"
29	840K	"			45		" " "
30	4089	Ryan B1			30		" Pass
30	3134	Great Lakes			2	50	" Students
30	4089	Ryan B1			15		Just
Sept 1	3134	Great Lakes			2	40	" " "
					2031	10	
CARRIED FORWARD							CERTIFIED CORRECT

DATE		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD						2031	10	
Sept	2	nc 3134	Great Lakes			1	40	Local students
	4	"	"			1	-	" "
	4	nc 4089	Ryan B1.				30	" Pass.
	5	nc 11320	Great Lakes.			3	10	" Stu.
	6	"	"			3	25	" "
	7	"	"			1	-	" "
	8	"	"				55	" "
	8	"	"				12	" "
	9	"	"			1	55	" "
	9	nc 4089	Ryan B1.				25	" Pass.
	10	"	"				15	" "
	12	nc 11320	Great Lakes			1	20	" Students
	13	"	"				30	" "
	14	"	"				35	" "
	15	"	"			1	05	" "
	16	"	"			1	40	" "
	16	nc 840K	"				10	" Pass
CARRIED FORWARD						2050	55	
								CERTIFIED CORRECT



DATE 1933		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					2050	55		
pt.	17	<sup>nc</sup> 4089	Ryan B1.				10	Local Pass.
	18	<sup>nc</sup> 11320	Great Lakes		1	10		" Students.
	19	"	" "		1	05		" "
	20	"	" "		1	10		" "
	21	"	" "			30		" "
	21	"	" "			15		" Lums.
	22	"	" "			55		" stu.
	22	<sup>nc</sup> 4089	Ryan B1.			15		" Pass.
	23	<sup>nc</sup> 11320	Great Lakes		1	15		" Students
	25	"	" "		1	35		" "
	26	"	" "			25		" "
	27	"	" "			55		" "
	27	<sup>nc</sup> 6921	Fairchild C2.			20		" Pass.
	28	<sup>nc</sup> 11320	Great Lakes			40		" stu & "
	29	"	" "		1			" "
	30	"	" "		1	35		" "
Oct.	2	"	" "		1	35		" "
CARRIED FORWARD					2065	45		CERTIFIED CORRECT

DATE 1933		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					2065	55		
Oct.	3	<sup>nc</sup> 11320	Great Lakes				40	Local students
	3	<sup>nc</sup> 6921	Fairchild 7C2.				5	" Pass.
	4	<sup>nc</sup> 11320	Great Lakes			1		" "
	4	<sup>nc</sup> 11319	" "				20	" "
	5	<sup>nc</sup> 11320	" "				10	" Inst.
	9	"	" "				50	" "
	10	"	" "			1	10	" "
	11	"	" "			1	05	" "
	12	"	" "			1	30	" "
	13	"	" "			1	15	" "
	14	"	" "				10	" "
	16	"	" "			1	25	" "
	17	<sup>nc</sup> 3134	" "				30	" "
	17	<sup>nc</sup> 839K	" "				40	" "
	18	<sup>nc</sup> 3134	" "			1	-	" "
	18	"	" "				20	" Lums.
	19	<sup>nc</sup> 11320	" "			1	25	" "
CARRIED FORWARD					2079	30		CERTIFIED CORRECT



DATE		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
1933				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD						2079	30	
Oct.	20	nc 11320	Great Lakes	1	-			Local str.
	20	nc 839K	" "			10		Pass.
	21	nc 11320	" "			55		" "
	22	nc 3134	" "	1	-			" "
	23	nc 839K	" "			10		" "
	24	nc 11320	" "	1	30			" "
	25	" "	" "	1	05			" "
	25	nc 3134	" "	1	30			" "
	26	" "	" "			30		" "
	26	nc 11320	" "			35		" "
	27	" "	" "			40		Photo
	28	nc 3134	" "			30		" "
	30	" "	" "			50		" "
	30	nc 11320	" "			55		" "
	30	nc 839K	" "			15		Pass
	31	nc 3134	" "			55		" "
	31	" "	" "			20		Demo.
CARRIED FORWARD						2092	20	CERTIFIED CORRECT

DATE		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
1933				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					20	92	20	
Nov	1	nc 3134	Great Lakes	2	-			Local Students
	2	"	"	1	25			" "
	3	"	"	2	15			" "
	3	nc 3134	"		30			" "
	4	"	"		30			" "
	4	nc 11319	"	1				S.D. & Enamada
	5	"	"		55			Enamada to S.D.
	6	nc 11320	"	1	20			
	6	nc 839K	"		25			Local Demo.
	7	nc 3134	"		55			" Students
	7	nc 11320	"	1	45			" "
	8	"	"	1	15			" "
	8	nc 11319	"		55			" "
	9	"	"		35			" "
	9	nc 11320	"		10			" "
	10	"	"	1	30			" "
	10	nc 3134	"		15			" "
CARRIED FORWARD					21	09	45	CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD				2109	45		
Nov. 11	nc 3139	Great Lakes			50		Local students
12	nc 11320	" "	1	55			S.D. to Hermit & Return
13	nc 3139	" "			20		Local Demo
14	nc 11320	" "			55		" stu.
14	" "	" "			30		Oceanside to S.D.
15	nc 11320	" "	1	20			S.D. to Encarnas & Escondido
16	" "	" "	1	10			" " Oceanside & Romona
16	nc 3139	" "			30		Local Test.
16	" "	" "			25		" stu.
18-19	nc 3139	" "	7	45			S.D. to Phoenix & Return
20	" "	" "			15		Local stu.
20	nc 11320	" "			30		" "
20	nc 839K	" "			20		" Pass
22	nc 11320	" "	1	10			" "
23	" "	" "			50		" "
24	nc 3139	" "			30		" "
26	" "	" "	2	05			S.D. to Blythe
CARRIED FORWARD				2131	05		CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1933							
BROUGHT FORWARD					2131	05	
Nov. 27	nc 839K	Great Lakes	2	-			Blythe to S.D.
27	nc 11320	" "			25		Local stu.
27	nc 3139	" "	1	15			" "
28	nc 11320	" "			20		" Test.
29	" "	" "			40		" "
30	" "	" "	1				" "
30	nc 839K	" "			25		" Pass
Dec 1	nc 11320	" "			50		" "
2	" "	" "			35		" "
4	" "	" "			50		" "
5	" "	" "			40		" "
6	" "	" "	1	05			" "
6	" "	" "	1	-			" Demo.
7	" "	" "	2	15			" "
8	" "	" "	1	25			" "
9	nc 3139	" "			35		" "
11	nc 4934	Ryan B1			30		" Test
CARRIED FORWARD					2146	55	CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		REMARKS:
			HRS.	MIN.	
BROUGHT FORWARD				21 46	55
Dec 11	nc 3134	Great Lakes	1	25	Local stu.
12	"	" "	1	50	" "
12	nc 4939	Ryan Bl.		15	" Pass
14	"	" "		20	Takeoff + Land
14	nc 839K	Great Lakes		25	Local Photo.
15	nc 4939	Ryan Bl.		20	Takeoff + Land
15	nc 3134	Great Lakes		25	Local stu.
16	"	" "	1	15	Formation Practice
17	"	" "		40	" "
17	nc 839K	" "		5	Local Photo.
17	nc 4939	Ryan Bl.		30	" Pass
18	nc 3134	Great Lakes	2	10	" stu.
19	"	" "		45	" "
20	nc 4939	Ryan Bl.		10	" "
20	"	" "	2	05	" "
19	"	" "	1	-	" "
21	"	" "	1	20	" "
CARRIED FORWARD				21 61	55
			CERTIFIED CORRECT		

DATE		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:	
				HRS.	MIN.	HRS.	MIN.		
BROUGHT FORWARD					21 61	55			
Dec	21	nc 3134	Great Lakes	1	10			Local str.	
	21	nc 839K	" "		15			" Pass.	
	22	nc 3134	" "		40			" "	
	22	nc 4939	Ryan Bl.		45			" "	
Jan	2	nc 3134	Great Lakes		10			Test.	
	3	"	" "		25			" "	
	3	nc 4939	Ryan Bl.	1	30			S.D. to Enamada & Ret.	
	4	nc 3134	Great Lakes	2	45			" " T.G. " "	
	6	nc 71370	" "		6 05			" " Oakland "	
	7	"	" "		6 20			Take to S.D.	
	8	nc 4939	Ryan Bl.		45			Local Plu. & Pass.	
	9	nc 3134	Great Lakes		15			" "	
	10	nc 4939	Ryan Bl.		55			" "	
	11	"	" "		35			" "	
	11	nc 3134	Great Lakes		15			" "	
	12	"	" "		1 30			" "	
	12	nc 4939	Ryan Bl.		50			" "	
CARRIED FORWARD					21 87	05		CERTIFIED CORRECT	











DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1934		BROUGHT FORWARD			22	10	
Feb 14	mc 4939	Ryan B1			35		Local stu.
15	mc 3139	Great Lakes	1	-			" " Demo.
16	"	"			40		" " "
19	"	"			30		" " "
22	mc 839K	"			40		" " "
23	mc 3139	"			45		" " "
26	"	"			1 20		" " "
27	"	"			1 50		" " "
27	"	"			35		" " 2nd fly.
28	"	"			2 30		" " "
27	mc 4939	Ryan B1			30		" " Pass
28	"	"			30		" " "
Mar 1	mc 3139	Great Lakes	2	20			" " Students
2	"	"			1 20		" " "
3	"	"			25		" " "
4	mc 839K	"			5		" " Sol. to Riverside & El Centro + Pch.
5	mc 77H	Curtiss Robin			15		" " Photo.
		CARRIED FORWARD			23	45	CERTIFIED CORRECT

DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1934		BROUGHT FORWARD			23	07	
Mar 5	mc 11318	Great Lakes			30		Test flight
6	"	"			30		" " "
6	mc 3139	"			1 40		" " Local students
7	"	"			1 45		" " "
7	"	"			20		" " Mile fly
8	"	"			5.5		" " "
8	mc 77H	Curtiss Robin			10		" " Pass.
9	"	"			20		" " Students
9	mc 3139	Great Lakes			15		" " "
10	mc 77H	Curtiss Robin			20		" " Pass
12	mc 543K	Great Lakes	7	25			" " S.D. to Las Vegas & Death Valley
12	mc 3139	"			2 05		" " Local students
13	"	"			1 50		" " "
13	mc 11318	"			20		" " "
13	mc 77H	Curtiss Robin			10		" " Pass
14	mc 839K	Great Lakes			25		" " "
15	"	"			40		" " "
		CARRIED FORWARD			23	25	CERTIFIED CORRECT



1934		DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
					HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD							23	27	
								25	
Mar	13	nc	11320	Great Lakes				20	Local students
	14	nc	77H	Curtiss Robin				10	" "
	16	nc	839K	Great Lakes				30	" "
16-	17	nc	11318	"			10	15	S.L. to Oakland & Return
	19	nc	3137	"				35	Local students
	20	"	"	"			1	50	" "
	20	nc	11318	"				25	" "
	30	nc	11320	"				35	" "
	30	nc	77H	Curtiss Robin				10	" " Pass
	21	"	"	"				10	" "
	21	nc	3137	Great Lakes	2	05			" "
	21	"	"	"				35	Int'l fly.
	22	nc	839K	"			1	40	S.D. to Eugene & Return
	22	nc	3137	"				45	Local students - Int'l fly
	23	"	"	"				40	" "
	24	"	"	"				30	" "
	24	nc	11318	"				20	" "
CARRIED FORWARD							23	49	00
					CERTIFIED CORRECT				

DATE		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
1934				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD								
Mar	24	nc 539H	Great Lakes	1				Formation flight
	25	nc 3139	" "			30		Acrobatics
	26	" "	" "			20		Local mile flying
	27	" "	" "			30		" str. " "
	27	nc 11318	" "			30		" "
	27	nc 4939	Ryan B1			20		Test
	27	nc 77H	Curtiss Robin			20		Photo
	28	" "	" "			60		Local students + Pass
	28	nc 3139	Great Lakes			15		" "
	28	nc 11318	" "			1 05		" "
	29	nc 3431H	" "			25		" "
	29	nc 4939	Ryan B1			20		" "
	29	nc 3139	Great Lakes			30		" " mile fly.
	30	nc 4939	Ryan B1			30		" "
	31	nc 3139	Great Lakes			35		Acrobatics
April	1	nc 77H	Curtiss Robin			30		Photo
	2	nc 4939	Ryan B1			30		" "
CARRIED FORWARD						2356	10	
								CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					2358	10	
April 2	MC 3139	Great Lakes	1	25			Local students Mile Fly
3	MC	"	"	"	20		" "
3	11318	"	"	"	20		" "
4	MC 3139	"	"	"	40		" "
5	"	"	"	"	15		Pass
5	"	"	"	"	1 05		" "
5	MC 4939	Ryan BI		25			" "
5	MC 3139	Great Lakes		10			" mile "
6	MC	"	"	"	1 05		" "
6	MC 4939	Ryan BI		30			" "
7	"	"	"	"	20		" "
9	"	"	"	"	10		" "
9	MC 11318	Great Lakes	1	05			" Students
10	MC 3139	"	"	"	1 20		" mile fly
10	MC 4939	Ryan BI		10			Pass
11	MC 11318	Great Lakes		55			" + "
11	MC 3139	"	"	"	60		Pass + " mile fly
CARRIED FORWARD					2369	35	CERTIFIED CORRECT

DATE		LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
				HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD						23	69 35	
April	12	MC 4939	Ryan BI.			30		Local Pass
	12	MC 11318	Great Lakes	1	05			" students
	13	"	" "	1				" "
	13	MC 3139	" "			30		" "
14-	15	MC 11318	" "	11	50			L.D. to Oakland + Return
	16	MC 11318	" "			30		Local Demo.
	16	MC 4939	Ryan BI			10		" Pass.
	16	MC 378N	Larvia Marshall	1	30			Water Landings
	17	MC 4939	Ryan BI			10		Local Pass
	17	MC 11318	Great Lakes	1	-			" students
	18	"	" "	1	30			" "
	18	MC 4939	Ryan BI.			20		" Pass
	19	"	" "			15		" "
	19	MC 11318	Great Lakes	1	35			" students
	20	"	" "			40		" "
	20	MC 378N	Larvia Marshall	1	05			Water Landings
	22	MC 11318	Great Lakes	4	50			L.D. to Riverside + El Centro + Ret.
CARRIED FORWARD						13	98 05	CERTIFIED CORRECT



DATE	LICENSE NUMBER	TYPE OF PLANE	DURATION OF FLIGHT		SOLO TIME		REMARKS:
			HRS.	MIN.	HRS.	MIN.	
1934							
BROUGHT FORWARD					23	98 05	
April 23	mc 11318	Great Lakes			1	-	Local students
24	11	" "			1	10	" "
24	mc 3134	" "			1	-	" "
25	mc 11318	" "			20		" "
25	mc 11318	" "			2	30	" "
26	"	" "			2		" "
27	"	" "			2	05	" "
27	mc 3134	" "			30		" "
30	"	" "			2	-	" " M. Fly
30	mc 11318	" "			2	05	" "
May 1	"	" "			40		" "
1	mc 3134	" "			1	30	" " " "
2	"	" "			1	30	" " " "
2	mc 3134	Savaria			40		" " Water Lands
2	mc 11318	Great Lakes	2	20			" "
2	mc 4939	Ryan 131			10		" " Pass
					38		
CARRIED FORWARD					14	19 35	CERTIFIED CORRECT



