

ENGINE TYPE and SERIAL No. \_\_\_\_\_



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**ENGINE LOG BOOK**

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**THE  
PRATT & WHITNEY AIRCRAFT CO.  
HARTFORD CONNECTICUT**

**ENGINE**

INSTALLED IN

TYPE OF AIRCRAFT

*6 PCM Ryan B5*

REGISTRATION MARKS

*NC132W*

Type and Serial No.

*Wright 975 #10581*

Rated H. P.

*300*

Rated R. P. M.

*2000*

Weight Complete (DRY) Lbs.

Actual B. H. P.

At

*12 1/2*

R. P. M.

Gear Reduction Ratio

Rotation of Propeller

Carburetor

Serial No.

Venturi

in. Main Jet

Economizer

Magnetos

Serial No.

L. H.

R. H.

OWNER

Name

*R.E. Havenstrite*

Address

*1851 Outpost Dr.  
Hollywood California*

THE PRATT & WHITNEY AIRCRAFT CO.  
HARTFORD, CONNECTICUT

*Propeller Hub # 5724 Blades # 584 - 588 Des. H-1207*

# 10581

1933 DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature
	On Ground	In Air	Pres-ure	Tem-per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.		
							103	05	5	72	675	05		
2-17	1650	1700	60	60	40	28	20		45	1	05		None	E. M. Lord
2-18	1650	1725	62	65	-	-	15		1	00	1	15	"	"
2-19	1650	1725	62	70	50	4	45		2	00	2	45	"	"
<u>Total-</u>					90	32	104	25	575	45	680	10		
<p>2-20-33            Engine Comp overhaul Curtis Wright repair station Orange #2            Grand Central Air Tr. Glendale Calif. - New rings - New bushings            for prop drive shafts - New cam ring bearing - New Ex valves guides            Carb. shaft rebushed - All to hose on oil lines - New motor hold on ring            bolts - New motor mount bolts - Propeller checked hubs plated by Shroy            Newby Co Glendale Cal.            L. E. Hampton # 527 -            E. Linkwater # 291</p>														
Totals to Date														

Date and Place of Last Top Overhaul above

Date and Place of Last Complete Overhaul above

Engine Transferred to \_\_\_\_\_ Date \_\_\_\_\_

10581

1933. DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature
	On Ground	In Air	Pres-ure	Temp-er.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.		
2-23	1700	-	67	60	-	28	6	00	-	-	6	00	Run in motor	P.M. Berg #3961
2-23	1700	1600	68	65	25	-	05	1	30	1	35	None - checked OK.	P.M. Berg	
2-24	1700	1625	68	50	60	-	30		10		40	None	"	
2-25	1700	1650	68	65	-	-	40	3	55	4	35	"	"	
2-28	1700	1700	68	65	10	-	40	2	00	2	40	"	"	
2-1	1700	1700	68	65	50	-	30	2	20	2	50	"	"	
3-3	1700	1700	68	60	50	4	20		50	1	10	"	"	
3-4	1700	1700	68	50	-	28	25		05		30	Motor serviced Comp new oil checked OK.	P.M. Berg #3961	
3-14	1700	1725	68	65	-	-	20	1	50	2	10	"	"	
3-17	1700	1725	68	60	70	4	30	1	20	1	50	"	"	
3-18	1700	1725	68	60	-	-	20		45	1	05	Motor serviced Comp.	P.M. Berg #3961	
3-20	1700	1750	68	45	-	-	20		10		30	Sub.	P.M. Berg #3961	
3-22	1700	1725	68	60	37	-	30	2	10	2	40	None.	P.M. Berg #3961	
3-23	1700	1725	68	65	35	-	20	2	05	2	25	None	P.M. Berg #3961	
Totals to Date			427	96	116	15	594	55	711	10				

Date and Place of Last Top Overhaul \_\_\_\_\_  
 Date and Place of Last Complete Overhaul 2-20-33 Curtis Wright Grand Central Glendale Calif.  
 Engine Transferred to \_\_\_\_\_ Date \_\_\_\_\_

10581

DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature
	On Ground	In Air	Pres-ure	Temp-er.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.		
3-26	1700	1750	68	62	70	-	20	4	30	4	50	None	P.M. Berg #3961	
4-3	1700	1750	68	65	30	4	30	1	10	1	40	"	"	
4-4	1700	1750	68	65	50	-	15	1	05	1	20	"	"	
4-5	-	-	-	-	-	-	No flying	-	-	-	-	Motor serviced Comp. New oil.	"	
4-11	1700	1700	68	65	-	24	15		15		30	None.	P.M. Berg #3961	
4-12	1700	1750	68	65	46	-	20	3	35	3	55	"	"	
4-13	1700	1725	68	64	35	2	20	4	00	4	20	"	"	
4-15	no flying												Motor serviced Comp.	P.M. Berg #3961
5-12	1700	1750	68	60	-	-	30	1	20	1	50	None	P.M. Berg #3961	
5-13	1700	1725	68	60	-	-	15		50		105	"	"	
5-22	1700	1725	68	60	30	28	20	1	20	1	40	new oil	"	
5-27	1700	1725	68	70	40	-	20	2	30	2	50	"	"	
6-15	1700	2000	68	65	66	4	15		10		25	MOTOR SERVICED COMP. SHIP CHECKED. PROP. CHECKER'S SIGN	P.M. Berg #3961	
6-22	1700	1725	68	65	-	-	30	2	20	2	50	None	P.M. Berg #3961	
Totals to Date			794	158	120	15	618	-	738	25				

Date and Place of Last Top Overhaul \_\_\_\_\_  
 Date and Place of Last Complete Overhaul 2-20-33 Curtis Wright Grand Central Air Serv. Glendale Calif.  
 Engine Transferred to \_\_\_\_\_ Date \_\_\_\_\_

10581

1933 DATE	REVOLUTIONS PER MINUTE		OIL C°		FUEL 794/158		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature	
	On Ground	In Air	Pres-sure	Tem-per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
							120	15	Br ought	Forw ard	738	25			
6-28	1700	—	60	50	—	—	10	15	NO FIXING	—	10	—	Run up motor.	E.C. Lord	
7-7	1700	1650	65	65	—	—	20	45		45	1 05		Motor serviced comp. etc.	" " "	
7-11	1700	1675	65	70	50	2	25	3 05		3 30			None	" " "	
7-12	1700	1700	65	68	"	"	15	9 30		9 45			None	" " "	
7-12 to 9-6-1933	Boeing field Seattle Wash.												22 hrs. checks on motor service near oil. introduced air		
9-6	1700	1700	65	60	40	28	20	1 15		1 35			None	E.C. Lord	
9-9	1700	1700	65	65	—	—	20	1 15		1 35			None to Seattle.	" " "	
9-9	1700	1725	65	65	60	—	10	3 45		3 55			None to Redford.	" " "	
9-9	1700	1725	65	65	50	4	5	2 50		2 55			None to S.F.	" " "	
9-10	1700	1725	65	65	50	4	25	3 30		3 55			None to Redford.	" " "	
9-12	Motor serviced Comp. ship checked.												Hand Central Hoping Hopkings		
9-15	1700	1700	65	65	65	4	30	55		1 25			None	" " "	
9-16	1700	1725	66	70	—	—	25	50		1 05			None	" " "	
9-29	1700	1700	65	70	80	—	15	55		1 10			None	" " "	
Totals to Date							1129	200	123	45	646	35	770	20	

Date and Place of Last Top Overhaul \_\_\_\_\_  
 Date and Place of Last Complete Overhaul 2-20-33 Curtiss Wright - Grand Central air Ford.  
 Engine Transferred to \_\_\_\_\_  
 Date Stendale.

10581

1933 DATE	REVOLUTIONS PER MINUTE		OIL C°		FUEL 1129 200		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature	
	On Ground	In Air	Pres-sure	Tem-per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
							123	45	Br ought	Forw ard	770	20			
9-30	1700	1700	65	70	—	—	—	15	1 00		1 15		None	E.C. Lord	
10-13	1700	1700	65	70	50	4	—	25	1 05		1 25		None	" " "	
10-14	1700	1799	65	65	—	—	—	15	53		1 10		None	" " "	
10-23	1700	1700	65	67	50	—	—	20	1 00		1 20		None	" " "	
10-24	1700	1700	65	65	—	—	—	15	1 00		1 15		None	" " "	
10-26	1700	1700	65	70	20	28	—	15	1 00		1 15		None	" " "	
10-27	1700	1700	65	65	50	—	—	15	15		30		None	" " "	
10-28	1700	1740	65	65	—	—	—	30	3 10		3 40		None	" " "	
10-29	1700	1750	65	65	60	—	—	20	3 30		3 50		None	" " "	
11-7	1700	1725	65	60	60	6	—	30	6 30		7 00		None	" " "	
11-10	1700	1725	65	62	70	2	—	20	6 30		6 50		Motor checked + serviced	" " "	
11-24	1700	1725	65	65	60	28	—	30	3 15		3 45		None	" " "	
11-27	1700	1725	65	65	57	4	—	30	3 30		4 00		None	" " "	
12-7	1675	1700	65	68	73	0	—	30	1 45		2 15		None	" " "	
Totals to Date							1619	272	128	45	681	00	809	50	

Date and Place of Last Top Overhaul \_\_\_\_\_  
 Date and Place of Last Complete Overhaul 2-20-33 Curtiss Wright - Grand Central  
 Engine Transferred to \_\_\_\_\_  
 Date air ser. Stendale California

W945 #10581

1933 DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature	
	On Ground	In Air	Pres-ure	Tem-per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
							128	45	681	00	809	50			
12-8	1675	1700	65	68	-	-	20	-	45	-	1 05	-	None -	ECM Lead	
12-9	1675	1700	65	68	-	-	25	1	10	-	1 35	-	None -	" "	
12-11	Motor serviced Comp. - and checked - also ship												Rev. In Kingi. # 391		
1934															
1-5	1675	1725	65	60	78	5	30	2	40	3	10	-	None	ECM	
1-6	1675	1725	65	65	50	2	30	2	35	3	05	-	None	ECM	
1-19	1675	1600	65	50	-	-	20	-	30	-	50	-	None	ECM	
1-27	1675	1700	65	60	39	4	30	1	55	2	25	-	"	ECM	
1-28	1675	1700	65	60	39	-	20	1	05	1	25	-	"	ECM	
1-29	1675	1725	65	60	-	-	20	1	00	1	20	-	"	ECM	
1-29	Motor serviced Comp - new mag. points - new oil - by Benny												ECM		
1-30	1675	1700	65	62	40	28	45	2	00	2	45	-	None	ECM	
2-2	1675	1700	65	62	70	-	30	1	00	1	30	-	"	ECM	
2-4	1675	1700	65	62	70	-	30	1	00	1	30	-	"	ECM	
Totals to Date							2005	311	133	45	66	30	80	30	

Date and Place of Last Top Overhaul \_\_\_\_\_  
 Date and Place of Last Complete Overhaul 2-20-33 Curtis Wright - Grand Central Air Ter.  
Blondale, California Date \_\_\_\_\_  
 Engine Transferred to \_\_\_\_\_

1934 DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature	
	On Ground	In Air	Pres-ure	Tem-per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
							133	45	646	30	820	30			
2-5	1675	1700	65	62	40	-	35	2	00	2	35	-			
2-6	Motor serviced Comp. - Fitted and checked -														
2-12	1675	1750	65	60	63	4	20	2	35	2	55	-	None	ECM Lead	
2-14	1675	1750	65	60	45	2	20	3	20	3	50	-	"	"	
2-16	1675	1725	65	60	41	8	20	2	00	2	20	-	"	"	
2-17	1675	1720	65	60	30	-	30	1	00	1	30	-	"	"	
2-18	1675	1720	65	60	-	-	15	1	00	1	15	-	"	NEW OIL CLEANED STRAINERS	
2-27	1675	1725	65	60	-	-	20	1	00	1	20	-	"	"	
2-28	1675	1725	65	55	40	28	20	1	00	1	20	-	"	"	
3-5	1675	1700	65	60	16	4	15	-	15	-	30	-	Push. rods greased.	"	
3-7	1675	1700	65	60	-	-	15	-	15	-	30	-	None	"	
3-28	1675	1725	65	65	90	2	30	6	15	6	45	-	"	"	
3-30	1675	1725	65	68	150	2	30	5	30	6	00	-	"	new oil 7 gal.	
4-28	1675	1710	65	70	30	28	30	-	55	1	25	-	None	"	
Totals to Date							2550	389	138	45	723	35	852	45	

Date and Place of Last Top Overhaul \_\_\_\_\_  
 Date and Place of Last Complete Overhaul \_\_\_\_\_  
 Engine Transferred to \_\_\_\_\_ Date \_\_\_\_\_

1934 DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature	
	On Ground	In Air	Pres- sure	Tem- per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
															139
4-29	1675	1700	65	65	40	28	20		55		1	15	None	Edw. Ladd	
5-5	1675	1700	65	65	-	-							20 Hour check.	Curtis Wright	
6-19	1675	1700	65	65	-	-	30		30		1	00	None.	W.C.	
6-23	1675	1700	65	65	6	4	30		5	00	5	30	"	"	
6-24	1675	1700	65	70	9	6	30		3	10	3	40	"	"	
6-30	1675	1700	65	70	3	8	40		2	20	3	00	"	"	
7-5	1675	1700	65	70	8	4	30		4	45	5	15	"	"	
7-6	1675	1700	65	70	-	-	30		5	0	1	20	"	"	
7-7	1675	1700	65	70	7	4	30		3	15	3	45	20 Hour check + new oil	P.M. Oberg	
7-20	1675	1700	65	65	6	28	30		3	30	4	00	None	"	
7-21	1675	1735	65	65	5	3	30		3	50	4	20	Motor washed	C.W.	
8-1	1650	1700	65	65			30		1	00	1	30		"	
8-30	1650	1700	65	65	7	4	30		3	10	3	40		"	
9-20	1650	1700	65	65	7	4	30		3	0	1	00	new oil.	"	
Totals to Date		313507		145		15		756		00		892		00	

Date and Place of Last Top Overhaul \_\_\_\_\_

Date and Place of Last Complete Overhaul \_\_\_\_\_

Engine Transferred to \_\_\_\_\_

air + p. time 69:10  
 78-Parsons  
 52 hrs + 05  
 air time 1234  
 to July 1st  
 miles 980  
 5-980

1934 DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature	
	On Ground	In Air	Pres- sure	Tem- per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
															145
11-3	1650	1700	65	65	-	-	30		1	30	2	00	None	Edw. Ladd	
11-4	1650	1700	65	65	30	-	30		1	30	2	00	"	"	
11-6	20 hour check + new oil												Strand Control his Jrs.	"	
12-16	1650	1700	65	65	30	32	30		2	45	3	15	None	"	
12-17	1650	1700	65	65	7	4	30		3	15	3	45	None.	"	
1935 - from July 1st to Dec 31 - 34 = 145		29:50 total												"	"
2-14	1650	1700	65	65	7	28	20		1	15	1	45	None.	Edw. Ladd	
2-15	1650	1700	65	65	-	-	30		1	15	1	45	None.	Edw. Ladd	
3-18	1650	1700	65	65	5	4	50		2	00	2	50	None. new oil.	Edw. Ladd	
5-1	1650	1700	65	65	2	4	50		1	35	2	25	None.	Edw. Ladd	
5-2	1650	1700	65	65	7	4	30		2	50	3	20	None.	Edw. Ladd	
5-5	20 hour check by Curtis Wright												Strand Control his Jrs	Edw. Ladd	
6-1	1650	1700	65	65	7	4	30		1	15	1	45	None.	Edw. Ladd	
Totals to Date		313507		145		15		756		00		892		00	

Date and Place of Last Top Overhaul \_\_\_\_\_

Date and Place of Last Complete Overhaul \_\_\_\_\_

Engine Transferred to \_\_\_\_\_

Date \_\_\_\_\_

1935 DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature
	On Ground	In Air	Pres- sure	Tem- per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.		
							Br ought	Forw ard	Br ought	Forw ard	Br ought	Forw ard		
6-6	1650	1725	65	70	0	4	30	2	00	2	30		Mon.	<i>Dr. Ford</i>
6-7	1650	1700	65	70	0	4	20	1	50	2	10		"	" "
7-12	1650	1725	65	68	90	-	20	1	50	2	10		"	" "
7-13	1650	1725	65	68	-	4	15	2	10	2	25		"	" "
7-19	1650	1700	65	65	80	4	25	3	15	3	40		"	" "
7-22	1650	1700	65	65	28	0	30	2	40	3	10		"	" "
Totals to Date														

Date and Place of Last Top Overhaul \_\_\_\_\_

Date and Place of Last Complete Overhaul \_\_\_\_\_

Engine Transferred to \_\_\_\_\_ Date \_\_\_\_\_

DATE	REVOLUTIONS PER MINUTE		OIL		FUEL		Time on Gr'd		Time in Air		Total Time		REPAIRS and ADJUSTMENTS	Signature
	On Ground	In Air	Pres- sure	Tem- per.	Gas Gals.	Oil Qts.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.		
							Br ought	Forw ard	Br ought	Forw ard	Br ought	Forw ard		
Totals to Date														

Date and Place of Last Top Overhaul \_\_\_\_\_

Date and Place of Last Complete Overhaul \_\_\_\_\_

Engine Transferred to \_\_\_\_\_ Date \_\_\_\_\_





# Summary Engine Report

Engine, Type and Number \_\_\_\_\_

Owner \_\_\_\_\_

Installed in Type of Aircraft \_\_\_\_\_

Kind of Service \_\_\_\_\_

Total Engine Hours to Date \_\_\_\_\_

Engine Hours Since Overhaul \_\_\_\_\_

Average Engine R. P. M. on Ground \_\_\_\_\_

Average Fuel Consumption Per Hour, Gal. \_\_\_\_\_

Average Oil Consumption Per Hour, Qts. \_\_\_\_\_

Miles Flown (If In Regular Transport Service) \_\_\_\_\_

Number Top Overhauls \_\_\_\_\_

Number Complete Overhauls \_\_\_\_\_

In Air

Gas	Make	Grade
Oil	Make	Grade

Adjustments Made Since Previous Report, Also List Parts Used on Other Side \_\_\_\_\_

Remarks—Weather Conditions—Pilot—Mechanic, Etc. \_\_\_\_\_

DATE OF REPORT \_\_\_\_\_

REPORT BY \_\_\_\_\_

## Parts Replaced

DATE	PART No.	NAME OF PART	COST	REMARKS (Hours Service Cause of Replacement)
7-7		Glendale over Long Beach & return		
7-11		Glendale to Bakersfield to flower field & back to Bakersfield		3
7-12		Bakersfield to Seattle Wash.		930
9-6		Seattle to Vancouver B.C.		
9-9		Vancouver B.C. to San Francisco		
9-10		San Francisco to Glendale.		
9-15		Glendale to Bakersfield		
9-16		Bakersfield to Glendale.		
9-29		Glendale to Bakersfield		
9-30		Bakersfield to Glendale.		
10-13		Glendale to Bakersfield		
10-14		Bakersfield to Glendale		
10-23		Glendale to Bakersfield		
10-24		Bakersfield to Glendale.		
10-26		Glendale to Glendale over Dr. Wilson		
10-27		Glendale to Vegas.		
10-28		Vegas to Ft. Bend Cal.		
10-29		Ft. Bend to Glendale.		
11-7		Glendale to Tropic & to Salt Lake U.		
11-10		Salt Lake to Tropic Las Vegas & to Glendale.		
11-24		Glendale to flower field & to San Francisco		
11-27		San Francisco to Glendale		
12-7		Glendale to Sandiego-Tijuana & to La Jolla San Cal.		
12-8		La Jolla San Cal. to Tijuana Tijuana		
12-9		Tijuana to Sandiego & to Glendale		
1934				
1-5		Glendale to Las Vegas Nev.		

# Summary Engine Report

Engine, Type and Number \_\_\_\_\_  
 Owner \_\_\_\_\_  
 Installed in Type of Aircraft \_\_\_\_\_  
 Kind of Service \_\_\_\_\_

Total Engine Hours to Date \_\_\_\_\_ Number Top Overhauls \_\_\_\_\_  
 Engine Hours Since Overhaul \_\_\_\_\_ Number Complete Overhauls \_\_\_\_\_  
 Average Engine R. P. M. on Ground \_\_\_\_\_ In Air \_\_\_\_\_

Average Fuel Consumption Per Hour, Gal.	Gas <small>Make</small> _____ <small>Grade</small> _____
Average Oil Consumption Per Hour, Qts.	Oil <small>Make</small> _____ <small>Grade</small> _____
Miles Flown (If In Regular Transport Service)	_____

Adjustments Made Since Previous Report, Also List Parts Used on Other Side \_\_\_\_\_

Remarks—Weather Conditions—Pilot—Mechanic, Etc. \_\_\_\_\_

REPORT BY \_\_\_\_\_

DATE OF REPORT \_\_\_\_\_

## Parts Replaced

DATE	PART NO.	NAME OF PART	COST	REMARKS (Hours' Service Cause of Replacement)
1-6		Log, Vegas Ferry to Boulder City & Glendale		
1-19		Glendale to Desert airport & to Glendale		
1-27		Glendale to Bakersfield & return to Glendale		
1-28		Glendale to Palm Springs		
1-29		Palm Springs to Glendale		
1-30		Glendale to Palm Springs & return		
2-2		Glendale to Palm Springs		
2-4		Palm Springs to Glendale		
2-5		Glendale to Palm Springs & return Glendale		
2-12		Glendale to San Francisco		
2-14		San Francisco to Glendale		
2-16		Glendale to Alhambra, to Santa Barbara & to Glendale		
2-17		Glendale to Palm Springs		
2-18		Palm Springs to Glendale		
2-27		Glendale to Bakersfield		
2-28		Bakersfield to Glendale		
3-5		Glendale to Burbank		
3-7		Burbank to Glendale		
3-28		Glendale to Bakersfield & Stafford Ariz.		
3-30		Stafford Ariz. to Glendale Cal.		
4-28		Glendale to Bakersfield		
4-29		Bakersfield to Glendale		
6-19		Glendale to Glendale (Test)		
6-23		Glendale to Santa Rosa & to S. F. <small>11 miles</small>		
6-24		San Francisco <small>11 miles</small> to Glendale		
6-30		Glendale to Bakersfield & <small>return</small> Glendale		
7-5		Glendale to Santa Rosa Calif.		

5034.05

# Summary Engine Report

Engine, Type and Number \_\_\_\_\_

Owner \_\_\_\_\_

Installed in Type of Aircraft \_\_\_\_\_

Kind of Service \_\_\_\_\_

Total Engine Hours to Date \_\_\_\_\_

Engine Hours Since Overhaul \_\_\_\_\_

Average Engine R. P. M. on Ground \_\_\_\_\_

Average Fuel Consumption Per Hour, Gal. \_\_\_\_\_

Average Oil Consumption Per Hour, Qts. \_\_\_\_\_

Miles Flown (If In Regular Transport Service) \_\_\_\_\_

Number Top Overhauls \_\_\_\_\_

Number Complete Overhauls \_\_\_\_\_

In Air \_\_\_\_\_

Gas \_\_\_\_\_

Oil \_\_\_\_\_

Make \_\_\_\_\_

Grade \_\_\_\_\_

Make \_\_\_\_\_

Grade \_\_\_\_\_

Adjustments Made Since Previous Report, Also List Parts Used on Other Side \_\_\_\_\_

Remarks—Weather Conditions—Pilot—Mechanic, Etc. \_\_\_\_\_

DATE OF REPORT \_\_\_\_\_  
REPORT BY \_\_\_\_\_

## Parts Replaced

DATE	PART No.	NAME OF PART	COST	REMARKS (Hours Service Cause of Replacement)
1934	7-6	Santa Rosa to Oakland.		
	7-7	Oakland to Glendale		
	7-20	Glendale to Santa Rosa, Calif.		
	7-21	Santa Rosa to Glendale.		
	8-1	Glendale to Glendale. Mrs Caldwell		
	8-30	Glendale to Bettelman Hills + return		
	10-20	Glendale to Burbank & to Glendale.		
	11-3	Glendale to Corona Caliente for		
	11-4	Corona Caliente to S. D. & Glendale.		
	12-16	Glendale to Las Vegas Nev.		
	12-17	L. Vegas New to Glendale,		
	1935			
	2-14	Glendale to Rockwell field North Island		
	2-15	From Island to Glendale		
	3-18	Glendale to Berkeleyfield & return to Glendale		
	5-1	Glendale to Berkeleyfield & to Visalia		
	5-2	Visalia via Prising Beach & to Glendale		
	6-1	Glendale to Glendale. Just		
	6-6	Glendale to Fresno.		
	6-7	Fresno to Burbank.		
	7-12	Burbank to Fresno.		
	7-13	Fresno to Burbank.		
	7-19	Burbank to Del Monte & to Salinas Calif.		
	7-22	Salinas to Burbank California.		