

PERFORMANCES OF IMPORTANT AMERICAN AND FOREIGN AEROPLANE ENGINES.

Details of Oil and Fuel Consumption, Weights, b.h.p., etc., of the 37 Engines of which specifications are given in the two preceding pages.

Engine.	Fuel and Oil Hr. Pints.		Fuel and Oil Hr. Lbs.		Total Fuel and Oil per Hour.		Consumption per b.h.p. hour.						Weight of Engine Dry.		Weight of Engine in Running Order Less Fuel Oil and Tanks.		Weight of Engine with Fuel Oil and Tanks for 6 Hours Running.		Torque in lbs. ft.	Estimated b.h.p. at—				Estimated Fuel Consumptions Pints per Hour Ground Level Carburettor Adjustments, no Altitude Control.				
	Fuel.	Oil.	Fuel.	Oil.	Pts.	Lbs.	Pints.		Lbs.		Combined.		Lbs.	Lbs./b.h.p.	Lbs.	Lbs./b.h.p.	Lbs.	Lbs./b.h.p.		6,000 ft.	10,000 ft.	15,000 ft.	20,000 ft.	6,000 ft.	10,000 ft.	15,000 ft.	20,000 ft.	
							Fuel.	Oil.	Fuel.	Oil.	Pts.	Lbs.																Lbs.	Lbs./b.h.p.
Curtiss OX5	47	1.66	42.3	1.86	48.66	44.16	.51	.018	.46	.02	.528	.48	.985	4.2	445	4.8	6765	7.3	371	76	67.3	57.5	49.4	42.6	40.1	37.1	34.4	
Curtiss VX	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Liberty 8	168.8	13.44	132	12.2	182.24	182.2	.606	.0214	.547	.050	.627	.597	575	2.12	..	..	..	..	260	181	148	116	112	100	87	75	
Liberty 12A	256	..	189	13.8	192.8	192.8	.565	.0199	.509	.037	.585	.546	845	2.11	1151.5	2.88	..	..	320	272	220	172	163	144	125	108	
Hispano-Suiza	..	..	78	7.5	..	85.5	..	..	.52	.05	..	.57	440	2.93	..	..	..	..	..	..	..	..	..	..	..	..	..
Hispano-Suiza	..	..	114.8	..	..	127.2	..	..	.52	.056	..	.576	485	2.69	..	..	..	..	..	..	..	..	..	..	..	..	..
Hispano-Suiza	..	..	..	..	..	..	..	..	..	..	..	..	596	1.98	..	..	..	..	..	..	..	..	..	..	..	..	..
Le Rhone	..	..	..	..	..	..	..	..	.56	.19	..	.75	245	3.05	..	..	..	..	..	..	..	..	..	..	..	..	..
Gnome	..	..	..	..	..	..	..	..	.72	.18	..	.90	370	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ABC Wasp	92	2.8	82	3	94.8	85	.55	.026	.495	.019	.567	.514	260	1.53	260	1.53	820	4.82	510	138.11	122.24	104.37	89.67	83.53	78.56	72.68	67.34	
ABC Dragon-Fly	..	..	179	12.5	..	191.5	..	..	.56	.02	..	..	600	1.88	600	1.88	..	..	1019	256	218	176	149	134	116	100	
B.R. 1	103.2	15	92.88	16.87	118.2	109.75	.661	.097	.59	.109	.738	.699	405	2.6	405	2.6	1129.55	7.8	655	129	114.2	97.5	83.7	93.7	88.1	81.5	75.5	
B.R. 2	161	15.2	144.9	17.1	176.2	162.2	.7	.066	.63	.074	.766	.702	475	2	475	2	1544	6.5	961	196.8	174.2	148.75	127.8	146.2	137.5	127.2	117.8	
Beardmore	103.2	5.3	93	5.96	108.5	98.96	.52	.032	..	..	.609	.552	592	3.3	713	4	1366	7.6	692	147.2	130.3	111.25	95.6	93.7	88.1	81.5	75.5
Galloway	136.8	6.4	123.25	7.2	143.2	130.45	.58	.027	.52	.03	.607	.55	690	2.95	843	3.57	1704	7.2	885	195.2	172.75	147.5	126.7	124.2	116.8	108	100.1	
Siddeley	134.4	13.2	121	14.85	147.6	135.85	.56	.055	.50	.062	.615	.562	625	2.6	781	3.25	1677.6	7.0	900	198.5	175.7	150	129	122	114.7	106.2	98.4	
Hispano	90.5	6	81.45	6.75	96.5	88.2	.58	.038	.52	.043	.618	.563	455	2.9	657.4	4.29	1239.5	7.9	546	129	114.2	97.5	83.8	82.2	77.3	71.5	66.25	
Hispano	127	11	114.8	12.4	138.6	127.8	.58	.05	.52	.056	.63	.576	510	2.32	653	2.97	1492	6.67	583	182	161	137.5	118	115.8	109	100.8	93.5	
Rolls-Royce Falcon 3	154	7.15	138.6	8.84	161.15	146.6	.56	.026	.53	.026	.586	.559	723	2.68	912	3.38	1880	6.9	694	227.4	201.3	171.8	147.6	139.8	131.5	121.6	112.7	
Rolls-Royce Eagle 8	196	8.75	176.4	9.84	204.7	186.2	.56	.025	.5	.028	.585	.548	933	2.66	1177	3.37	2406	6.9	1020	289.5	256.2	218.75	188	178	167.4	154.8	143.5	
Sunbeam Arab	108.5	7.8	97.65	8.8	116.3	106.46	.50	.036	.45	.04	.536	.49	350	2.5	686	3.16	1389	6.4	570	179.5	158.8	135.6	116.5	98.5	92.6	85.7	79.4	
Sunbeam Maori	150	6.2	135	6.97	161.2	141.97	.56	.023	.51	.026	.583	.539	890	3.3	1065	3.95	2002	7.8	662	219	194	165.6	142.3	136.2	128.1	118.5	109.8	
Sunbeam Cossack	196	12	176.4	13.5	208	189.9	.56	.034	.50	.038	.594	.538	1118	3.2	1345	3.8	2598	7.4	919	289.5	256.2	218.75	188	178	167.4	154.8	143.5	
Clerget 92	81.5	16	73.35	18	97.5	91.35	.667	.131	.6	.147	.798	.747	367	3	367	3	970	8	512	101	89.3	76.25	65.5	74	69.6	64.4	59.6	
Clerget 92	85.2	13.85	76.68	15.58	99.05	92.26	.67	.109	.60	.123	.779	.723	400	3.15	400	3.15	1009	8	533	105	93	79.4	68.2	77.3	72.7	67.3	62.3	
Hispano*	127	11	114.8	12.4	138.6	127.8	.58	.05	.52	.056	.63	.576	510	2.32	653	2.97	1492	6.67	583	182	161	137.5	118	115.8	109.0	100.8	93.5	
Hispano*	124.8	13	112.3	14.62	137.8	126.9	.6	.06	.54	.067	.66	.607	503	2.42	638	3.1	1475.6	7.8	546	172	152.25	130	111.7	113.3	106.6	98.6	91.3	
Lorraine Dietrich
Plat Arabis	156	6.8	140	7.65	162.8	147.6	.55	.024	.49	.027	.574	.517	928	3.32	1110	3.96	2084	7.44	920	215	190.3	162.5	139.6	141.6	133.2	123.2	114.2	
Plat A14	367.4	29.3	330.7	33	396.7	363.7	.52	.042	.47	.047	.562	.517	1565	2.36	2020	2.9	4420	6.3	2450	580	512.4	430.75	370.6	306.2	313.7	290.25	268.9	
I.F. V5
Spa 6A
Benz
Maybach
Mercedes
Mercedes
Oberursel

* French.

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