

#	AC Typ	Engine	Engine layout bore stroke	Displacement litre	kW (HP)@RPM@SL	Manifold inch Hg mm/HQ ata	average piston speed m/s	Gear ratio	Nm @max.kW (engine)	Nm @max.kW (prop shaft)	Joule @Prop Prop ^{0.2}	Prop-ø Meter	revs/second prop shaft	circumferential prop speed m/s	proptip speed m/s √ Circum- ² /Helix- ²	km/h - m/s@SL	Source
1	P-38G-1 Lightning	Alison V-1710-51/55	V-12 ø140x152.4mm	28.02	'909(1200) @ 3000	44.3"Hg	15.24	0.476:1	3030	6365		3.505	23.800	262.068	299.242	520.03 - 144.452	USF
2	P-38G-1 Lightning	Alison V-1710-51/55	V-12 ø140x152.4mm	28.02	'1021(1370) @ 3000	48"Hg	15.24	0.476:1	3403	7149		3.505	23.800	262.068	306.523	572.35 - 158.987	USF
3	P-38J-15 Lightning	Alison V-1710-89/91	V-12 ø140x152.4mm	28.02	'154(1548) @ 3000	60"Hg	15.24	0.476:1	3946	8079		3.505	23.800	262.068	304.114	555.45 - 154.291	USF
4	P-38J-15 Lightning	Alison V-1710-89/91	V-12 ø140x152.4mm	28.02	@ 3000	70"Hg	15.24	0.476:1				3.505	23.800	262.068	305.944	568.33 - 157.869	USF
5	P-38L-5 Lightning	Alison V-1710-111/113	V-12 ø140x152.4mm	28.02	'140(1530) @ 3000	60"Hg	15.24	0.476:1	3900	7983		3.505	23.800	262.068	303.435	550.62 - 152.950	USF
6	P-47D-30 Thunderbolt	P&W R-2800-59	R-18 ø146x152.4mm	45.88	'1398(2600) @ 2700	64"Hg	13.72	0.500:1	7177	14355		3.962	22.500	290.057	320.831	569.94 - 158.316	USF
7	P-47M-1 Thunderbolt	P&W R-2800-57	R-18 ø146x152.4mm	45.88	'1566(2100) @ 2800	54"Hg	14.22	0.450:1	5592	12428		3.962	21.000	261.386	309.360	595.70 - 165.472	USF
8	P-47N Thunderbolt	P&W R-2800-77	R-18 ø146x152.4mm	45.88	'1566(2100) @ 2800	54"Hg	14.22	0.450:1	5592	12428		3.962	21.000	261.386	307.696	584.40 - 162.341	USN*
9	P-51B-15 Mustang	Packard V-1650-3	V-12 ø137.1x152.4mm	27.02	'1096(1470) @ 3000	67"Hg	15.24	0.477:1	3653	7658		3.400	23.850	254.751	301.122	578.00 - 160.552	USF
10	P-51B-15 Mustang	Packard V-1650-7	V-12 ø137.1x152.4mm	27.02	'1230(1650) @ 3000	67"Hg	15.24	0.477:1	4100	8595		3.400	23.850	254.751	302.321	586.04 - 162.788	USF
11	P-51B-15 Mustang	Packard V-1650-7	V-12 ø137.1x152.4mm	27.02	'1342(1800) @ 3000	75"Hg	15.24	0.477:1	4473	9377		3.400	23.850	254.751	306.481	613.41 - 170.391	USF*/USN*
12	P-51D Mustang	Packard V-1650-7	V-12 ø137.1x152.4mm	27.02	'1230(1650) @ 3000	67"Hg	15.24	0.477:1	4100	8595		3.400	23.850	254.751	304.426	600.00 - 166.666	USF*
13	P-51H Mustang	Packard V-1650-9	V-12 ø137.1x152.4mm	27.02	'1035(1388) @ 3000	61"Hg	15.24	0.477:1	3450	7232		3.400	23.850	254.751	299.231	565.11 - 156.975	NAI
14	P-51H Mustang	Packard V-1650-9	V-12 ø137.1x152.4mm	27.02	'1030(1480) @ 3000	67"Hg	15.24	0.477:1	3676	7706		3.400	23.850	254.751	300.444	576.38 - 160.105	NAI
15	P-51H Mustang	Packard V-1650-9	V-12 ø137.1x152.4mm	27.02	'1653(2218) @ 3000	80"Hg	15.24	0.477:1	5510	11551		3.400	23.850	254.751	311.543	645.61 - 179.336	NAI
16	P-51D Dago Red	Merlin 622	V-12 ø137.1x152.4mm	27.02	'2982(4000) @ 3400	150"Hg	17.27	0.420:1	8770	20882		3.400	23.800	254.216	342.136	824.32 - 228.990	USF*
17	Mustang Mk. III	Packard V-1650-3	V-12 ø137.1x152.4mm	27.02	'1170(1589) @ 3000	21lbs / 72"Hg	15.24	0.477:1	3900	8176		3.400	23.850	254.751	300.173	571.21 - 158.763	USF*
18	Mustang Mk. III	Packard V-1650-7	V-12 ø137.1x152.4mm	27.02	'1468(1970) @ 3000	25lbs / 81"Hg	15.24	0.477:1	4893	10258		3.400	23.850	254.751	308.233	624.68 - 173.522	RE
19	Mustang Mk. IV	Packard V-1650-7	V-12 ø137.1x152.4mm	27.02	'1230(1650) @ 3000	18lbs / 67"Hg	15.24	0.477:1	4100	8595		3.400	23.850	254.751	299.936	569.94 - 158.316	AAEE
20	Mustang Mk. IV	Packard V-1650-7	V-12 ø137.1x152.4mm	27.02	'1468(1970) @ 3000	25lbs / 81"Hg	15.24	0.477:1	4893	10258		3.400	23.850	254.751	305.985	610.19 - 169.497	AAEE
21	Spitfire Mk.IX	R&R Merlin 66	V-12 ø137.1x152.4mm	27.02	'1166(1565) @ 3000	18lbs / 67"Hg	15.24	0.477:1	3866	8148		3.276	23.850	245.461	287.570	539.35 - 149.819	AAEE
22	Spitfire Mk.IX	R&R Merlin 66	V-12 ø137.1x152.4mm	27.02	'1468(1970) @ 3000	25lbs / 81"Hg	15.24	0.477:1	4893	10188		3.276	23.850	245.461	292.087	569.94 - 158.316	AAEE
23	Spitfire Mk.IX	R&R Merlin 70	V-12 ø137.1x152.4mm	27.02	'1096(1470) @ 3000	18.5lbs / 67.6"Hg	15.24	0.477:1	3653	7659		3.276	23.850	245.461	285.951	528.08 - 146.688	AAEE
24	Spitfire Mk.VIII	R&R Merlin 66	V-12 ø137.1x152.4mm	27.02	'1166(1565) @ 3000	18lbs / 67"Hg	15.24	0.477:1	3866	8105		3.276	23.850	245.461	288.272	544.18 - 151.161	AAEE
25	Spitfire Mk.VIII	R&R Merlin 66	V-12 ø137.1x152.4mm	27.02	'1468(1970) @ 3000	25lbs / 81"Hg	15.24	0.477:1	4893	10188		3.276	23.850	245.461	294.042	582.82 - 161.894	AAEE
26	Spitfire Mk.XII	R&R Griffon IIB	V-12 ø137.1x152.4mm	36.70	'1282(1720) @ 2750	12lbs / 54"Hg	15.36	0.450:1	4661	10359		3.175	20.625	205.725	257.423	557.06 - 154.738	AAEE
27	Spitfire Mk.XIV	R&R Griffon 65	V-12 ø137.1x152.4mm	36.70	'1371(1840) @ 2750	18lbs / 67"Hg	15.36	0.510:1	4985	9775		3.175	23.375	233.155	283.066	577.99 - 160.552	AAEE
28	Spitfire Mk.XIV	R&R Griffon 65	V-12 ø137.1x152.4mm	36.70	'1517(2035) @ 2750	21lbs / 72"Hg	15.36	0.510:1	5516	10816		3.175	23.375	233.155	284.105	584.43 - 162.341	AAEE
29	Spitfire Mk.XIV	R&R Griffon 65	V-12 ø137.1x152.4mm	36.70	'1729(2320) @ 2750	25lbs / 81"Hg	15.36	0.510:1	6287	12327		3.175	23.375	233.155	292.789	637.56 - 177.100	AAEE
30	Spitfire F.21	R&R Griffon 61	V-12 ø137.1x152.4mm	36.70	'1517(2035) @ 2750	21lbs / 72"Hg	15.36	0.450:1	5516	12258		3.350	20.625	217.064	272.401	592.48 - 164.577	AAEE
31	Typhoon IB	Napier Sabre II	H-24 ø127x120.6mm	36.70	'1416(1900) @ 3700	6.8lbs / 43.7"Hg	14.92	0.274:1	3827	13957		4.267	16.900	226.668	272.694	545.00 - 151.605	AAEE
32	Typhoon IB	Napier Sabre II	H-24 ø127x120.6mm	36.70	'1453(1950) @ 3700	7lbs / 44.1"Hg	14.92	0.274:1	3927	14321		4.267	16.900	226.668	273.444	550.62 - 152.950	AAEE
33	Typhoon IB	Napier Sabre II	H-24 ø127x120.6mm	36.70	'1551(2080) @ 3700	9lbs / 48.2"Hg	14.92	0.274:1	4192	15288		4.267	16.900	226.668	276.226	568.33 - 157.869	AAEE
34	Typhoon IB	Napier Sabre IIA	H-24 ø127x120.6mm	36.70	'1513(2030) @ 3700	8.75lbs / 47.7"Hg	14.92	0.274:1	4089	14913		4.267	16.900	226.668	278.546	582.82 - 161.894	AAEE
35	Tempest V	Napier Sabre IIA	H-24 ø127x120.6mm	36.70	'1551(2080) @ 3700	9lbs / 48.2"Hg	14.92	0.274:1	4192	15288		4.267	16.900	226.668	282.765	608.58 - 169.050	AAEE
36	Tempest V	Napier Sabre IIA	H-24 ø127x120.6mm	36.70	'1730(2320) @ 3700	11lbs / 52.3"Hg	14.92	0.274:1	4675	17052		4.267	16.900	226.668	283.278	629.51 - 174.863	AAEE
37	Tempest V	Napier Sabre IIA	H-24 ø127x120.6mm	36.70	'1730(2320) @ 3700	11lbs / 52.3"Hg	14.92	0.274:1	4675	17052		4.267	16.900	226.668	289.882	650.44 - 180.677	AAEE
38	Tempest V	Napier Sabre IIA	H-24 ø127x120.6mm	36.70	'1774(2380) @ 3700	13lbs / 56.3"Hg	14.92	0.274:1	4794	17485		4.267	16.900	226.668	289.588	648.83 - 180.230	AAEE
39	Tempest V	Napier Sabre IIB	H-24 ø127x120.6mm	36.70	'1804(2420) @ 3850	11lbs / 52.3"Hg	15.48	0.274:1	4685	17088		4.267	17.593	235.857	294.409	634.34 - 176.205	AAEE
40	Tempest VI	Napier Sabre VA	H-24 ø127x120.6mm	36.70	'1912(2565) @ 3850	15lbs / 60.4"Hg	15.48	0.274:1	4966	18111		4.267	17.593	235.857	293.874	631.20 - 175.311	AAEE
41	Tempest II	Bristol Centaurus V	R-18 ø146x177.8mm	53.58	'1863(2500) @ 2700	8.5lbs / 47.2"Hg	16.00	0.400:1	6900	17250		3.882	20.420	219.521	284.978	653.66 - 181.722	*
42	Sea Fury XI	Bristol Centaurus XVIII	R-18 ø146x177.8mm	53.58	'1841(2470) @ 2700	9.5lbs / 49.2"Hg	16.00	0.400:1	6818	17046		3.900	20.420	250.189	?	?	*
43	F6F-3 Hellcat	P&W R-2800-10	R-18 ø146x152.4mm	45.88	'1491(2000) @ 2700	54"Hg	13.72	0.500:1	5522	11044		3.990	22.500	282.036	314.995	505.00 - 140.277	USN*
44	F6F-5 Hellcat	P&W R-2800-10W	R-18 ø146x152.4mm	45.88	'1677(2250) @ 2700	60"Hg	13.72	0.500:1	6211	12422		3.990	22.500	282.036	315.866	512.00 - 142.222	USN*
45	F4U-1 Corsair Bird Cage	P&W R-2800-8	R-18 ø146x152.4mm	45.88	'1491(2000) @ 2700	54"Hg	13.72	0.500:1	5522	11044		3.990	22.500	282.036	320.201	545.79 - 151.608	USN*
46	F4U-1A Corsair	P&W R-2800-8W	R-18 ø146x152.4mm	45.88	'1592(2135) @ 2700	57"Hg	13.72	0.500:1	5896	11792		3.990	22.500	282.036	323.651	571.55 - 158.763	USN*
47	F4U-1D Corsair	P&W R-2800-8W	R-18 ø146x152.4mm	45.88	'1677(2250) @ 2700	60"Hg	13.72	0.500:1	6211	12422		3.990	22.500	282.036	325.223	583.00 - 161.944	USN*
48	F4U-4 Corsair	P&W R-2800-18W	R-18 ø146x152.4mm	45.88	'1975(2650) @ 2800	70"Hg	14.22	0.450:1	7053	15674		4.013	21.000	264.754	313.641	605.30 - 168.155	USN*
49	F2G-1 Super Corsair	P&W R-4360-4 (B5)	R-28 ø146x152.4mm	71.49	'2423(3250) @ 2700	60"Hg	13.72	0.375:1	8974	23930		4.267	16.875	226.212	287.538	639.00 - 177.500	USN*
50	F2G-2 Super Corsair	P&W R-4360-4 (B5)	R-28 ø146x152.4mm	71.49	'2423(3250) @ 2700	60"Hg	13.72	0.375:1	8974	23930		3.962	16.875	210.042	?	?	*
51	F8F-1 Bearcat	P&W R-2800-34W	R-18 ø146x152.4mm	45.88	'1565(2100) @ 2800	59"Hg	14.22	0.500:1	5589	11178		3.835	23.333	281.120	328.380	611.00 - 169.722	USN*
52	F8F-2 Bearcat	P&W R-2800-30W	R-18 ø146x152.4mm	45.88	'1677(2250) @ 2800	59"Hg	14.22	0.500:1	5989	11978		3.835	23.333	281.120	328.380	611.00 - 169.722	USN*
53	F8F-2 Rare Bare	P&W R-2800-83A	R-18 ø146x152.4mm	45.88	'2386(3200) @ 3100	75"Hg	15.20	0.350:1	7953	22723		4.115	17.500	226.233	312.808	777.69 - 216.026	WR
54	F8F-2 Rare Bare	Wright R-3350-26WD	R-18 ø150x160.3mm	54.76	'2982(4000) @ 3000	140"Hg	16.03	0.355:1	9919	27096		4.110	17.158	221.547	323.900	850.61 - 236.480	WR
55	Ki-44-II Ko Shoki	Ha-109 aka Ha-34	R-14 ø140x160mm	34.48	'1117(1520) @ 2650	910mm / 35.8"Hg	14.13	0.687:1	4215	6135		3.050	30.364	290.949	325.233	523.25 - 145.347	CF
56	Ki-61-II Hei Hien	Ha-40	V-12 ø150x160mm	33.90	'876(1175) @ 2500	1065mm / 41.9"Hg	13.33	0.645:1	3456	5358		3.000	26.875	253.290	287.049	486.22 - 135.061	CF
57	Ki-61-II Otsu Hien	Ha-140	V-12 ø150x160mm	33.90	'												