

Sorted by Full Flaps Radius

	Plane	Radius	DPS	Speed	Sec.
1	D3A-1	270.1	22.3	72	48.4
2	A6M2 Zero	318.0	25.0	95	43.2
3	A6M5 Zero	341.6	22.8	93	47.4
4	Hurricane 1	347.9	22.9	95	47.3
5	Spit 1	370.8	21.2	94	50.9
6	Spit 5	386.4	21.0	97	51.4
7	SBD-5	397.2	17.3	82	62.5
8	Bf 109-E	402.5	20.4	98	53.0
9	Hurricane 2C	403.8	21.6	104	50.1
10	FM2	405.5	18.8	91	57.5
11	NIK2-J	413.8	22.5	111	48.1
12	JU-87D-3	418.5	18.0	90	60.0
13	Ju 88 A-4	419.9	16.7	84	64.5
14	F4U-1	425.3	19.3	98	56.0
15	F4U-1D	427.3	19.4	99	55.7
16	F4U4	428.1	19.7	101	54.7
17	Hurricane 2D	432.0	20.1	104	53.6
18	NIK2-J 50%	432.2	21.7	112	49.8
19	IL-2	432.3	17.6	91	61.3
20	Bf 110-C4	432.4	17.4	90	62.0
21	Spit 9	432.9	20.5	106	52.7
22	F4F	435.8	17.5	91	61.8
23	Bf 109-F4	437.6	20.8	109	51.8
24	F4U-1D 50%	441.2	18.6	98	58.1
25	F4U-1C	443.4	18.7	99	57.8
26	Seafire Mk II	443.5	18.5	98	58.4
27	Bf 109-F4 50%	444.3	20.5	109	52.6
28	KI-84-Ia	445.4	22.5	120	47.9
29	Spit 8	447.9	20.9	112	51.6
30	Spit 16	450.3	19.9	107	54.3
31	LA-7 3 Cannon	452.7	20.9	113	51.7

32	LA5-FN	461.5	20.5	113	52.7
33	NIK2-J 75%	463.5	20.2	112	53.4
34	Bf 110-G2 2x20+2x30	464.0	18.4	102	58.7
35	F6F	464.5	20.0	111	54.0
36	F4U-1D 75%	465.7	17.8	99	60.7
37	Bf 109-G2 1x 20	466.7	20.3	113	53.3
38	Bf 109-F4 75%	468.0	19.5	109	55.4
39	Bf 109-G6	480.8	19.7	113	54.9
40	NIK2-J 99%	480.8	19.5	112	55.4
41	Bf 109-G-14	489.3	19.7	115	54.9
42	C202	490.8	19.8	116	54.6
43	P-40-B	494.6	16.4	97	65.8
44	P-40E	496.5	17.4	103	62.2
45	Bf 110-G2 4x20+2x30	501.7	17.9	107	60.5
46	P47 D-11 6x 267	505.2	17.6	106	61.5
47	Mosquito Hvy.Ammo	508.8	16.1	98	67.0
48	Spit 14	509.3	19.4	118	55.7
49	Yak 9-T	515.6	18.2	112	59.4
50	Tempest	517.8	18.8	116	57.6
51	Bf 109-G6 3x20	519.3	18.2	113	59.3
52	Yak 9-U	519.8	19.3	120	55.9
53	Ki-61	519.9	18.0	112	59.9
54	Bf 109-G2 3x 20	525.6	18.2	114	59.5
55	Bf 109-K-4	533.3	19.5	124	55.5
56	P47 D-25 6x 267	545.4	17.0	111	63.4
57	Typhoon	547.6	18.5	121	58.4
58	P47 D-11 8x 425	548.5	17.1	112	63.2
59	Bf 109-G14 1x30.2x20	551.3	17.8	117	60.8
60	P47 D-40 6x 267	553.2	16.3	108	66.1
61	P38-G Hvy Ammo	559.7	20.2	135	53.5
62	FW-190 A-5 2x20	565.9	18.8	127	57.5
63	P-47N 6x 267	567.6	15.6	106	69.1
64	C205	569.3	18.5	126	58.3
65	P47 D-25 8x 425	574.6	16.3	112	66.2
66	P47 D-40 8x 425	580.8	15.6	108	69.4
67	FW-190 A-5 4x	583.6	18.2	127	59.3

68	A-20	591.2	16.6	117	65.2
69	TA-152-H1	593.3	18.6	132	58.0
70	P38-L Hvy Ammo	595.9	20.2	144	53.4
71	P51-B	597.8	16.2	116	66.5
72	P38-J Hvy Ammo	598.1	20.1	144	53.6
73	P-47N 8x 425	607.8	15.8	115	68.2
74	FW-190 D-9	626.7	17.8	133	60.8
75	P51 D 6x	632.9	16.3	123	66.4
76	FW-190 A-8 4x 20	654.2	16.1	126	67.0
77	FW-190 F8	671.0	15.3	123	70.4
78	Me 262	775.7	14.7	136	73.6

Test: 500 ft. Fuel 25% unless noted. Fuel Burn .0001. Stall Limiter: OFF. Combat Trim: OFF. WEP: ON. All turns Counter Clockwise. Altitude maintained +/- 50 ft. Speed maintained +/- 3 mph. E6B used to watch speed. Three circles turned after above Alt and Speed stable. Turns made in hard shaking, stall buffet. Target command at 500 to provide an exact start/stop point for timing with a stopwatch.

The most subjective part of the test was estimating the average speed over three circles.

I want to emphasize that this is the best I could do, your mileage may vary!

P-38 Full Flaps is actually 4 notches, full flaps has a bug, unflyable.

I tested three planes with more than 25% fuel. The F4U1-D, the NIK2-J, and the Bf109F. They represent planes with a large, medium, and small gas tank to see the difference fuel load makes on sustained turn.

Hope this helps.

Mosq
Hell's Angels