

Mosq's Sustained Turn List v2.07 5-09-2006

Sorted by Full Flaps Radius

Sorted by No Flaps Radius

| Plane | F.F Radius | F.F. D.P.S. | Plane | N.F. Radius | N.F. D.P.S. |
|---------------------|-----------------------|------------------------|-------------------|------------------------|------------------------|
| D3A-1 | 291.9 | 21.6 | D3A-1 | 359.7 | 25.7 |
| A6M2 Zero | 336.6 | 23.5 | A6M2 Zero | 379.5 | 27.7 |
| A6M5 Zero | 362.5 | 22.5 | Hurricane 1 | 421.8 | 25.7 |
| Hurricane 1 | 366.2 | 22.0 | A6M5 Zero | 424.5 | 26.3 |
| SBD-5 | 394.1 | 17.7 | Spit 1 | 472.7 | 24.5 |
| Spit 1 | 397.0 | 21.2 | Hurricane 2C | 483.0 | 24.5 |
| FM2 | 406.8 | 19.6 | Spit 5 | 504.9 | 23.0 |
| Bf-109-E | 408.9 | 20.8 | SBD-5 | 512.9 | 20.0 |
| Hurricane 2C | 412.0 | 22.0 | FM2 | 518.8 | 22.0 |
| F4U-1 | 423.9 | 19.6 | Hurricane 2D | 530.2 | 22.0 |
| F4U-1D | 432.4 | 19.6 | Bf-109-E | 546.5 | 20.0 |
| JU-87D-3 | 434.4 | 18.0 | Spit 16 | 569.4 | 23.5 |
| Spit 5 | 436.7 | 19.6 | F4F | 569.5 | 19.6 |
| F4U4 | 441.0 | 19.6 | Spit 8 | 571.0 | 24.0 |
| F4F | 446.4 | 17.7 | JU-87D-3 | 587.0 | 18.6 |
| F4U-1D 50% | 448.2 | 18.9 | Bf 109-F4 | 594.1 | 20.4 |
| Bf 109-F4 | 449.3 | 20.8 | KI-84-1a | 597.9 | 22.5 |
| NIK2-J | 450.1 | 22.0 | IL-2 | 606.3 | 16.4 |
| F4U-1C | 451.5 | 18.6 | C202 | 610.3 | 22.0 |
| IL-2 | 455.9 | 17.7 | NIK2-J | 612.8 | 22.5 |
| Hurricane 2D | 458.1 | 19.6 | Bf 110-C4 | 613.1 | 17.1 |
| Spit 16 | 462.1 | 20.4 | Ki-61 | 615.4 | 21.2 |
| Bf 110-C4 | 463.4 | 17.4 | Yak 9-T | 616.6 | 19.6 |
| LA-7 3 Cannon | 469.6 | 20.8 | LA-7 3 Cannon | 619.4 | 20.8 |
| Seafire Mk II | 469.6 | 18.6 | Seafire Mk II | 621.2 | 18.9 |
| LA5-FN | 469.6 | 20.8 | LA5-FN | 623.0 | 20.4 |
| KI-84-1a | 470.8 | 22.5 | Spit 14 | 631.5 | 22.5 |
| F4U-1D 75% | 471.8 | 18.0 | Spit 9 | 635.2 | 22.5 |
| Spit 8 | 477.7 | 20.8 | Bf 109-G2 | 639.0 | 20.0 |
| Bf 109-G2 | 478.6 | 20.4 | Yak 9-U | 643.7 | 20.4 |
| F4U-1D 99% | 492.3 | 17.4 | Bf 109-G6 | 650.8 | 19.6 |
| F6F | 492.4 | 19.6 | P-40E | 650.8 | 19.6 |
| Bf 109-G6 | 496.7 | 19.6 | F6F | 651.6 | 20.0 |
| Bf 109-G-14 1x 20 | 504.5 | 20.0 | Tempest | 658.6 | 23.0 |
| P-40E | 512.9 | 17.7 | P-40-B | 662.1 | 17.1 |
| Bf 110-G2 2x20+2x30 | 518.5 | 18.0 | Bf 109-G-14 1x 20 | 672.6 | 20.0 |
| P-40-B | 521.6 | 16.1 | F4U-1 | 677.3 | 18.6 |

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|-----------------------|-------|------|-----------------------|--------|------|
| C202 | 523.1 | 19.3 | Bf 110-G2 2x20+2x30 | 682.0 | 18.0 |
| Ki-61 | 528.2 | 18.3 | F4U4 | 693.6 | 20.0 |
| Spit 9 | 530.9 | 19.6 | F4U-1D | 705.5 | 18.9 |
| Yak 9-T | 532.5 | 18.0 | Bf 109-K-4 | 706.5 | 19.6 |
| Tempest | 532.5 | 18.9 | Typhoon | 715.0 | 19.3 |
| Bf 109-K-4 | 535.2 | 19.6 | Bf 110-G2 4x20+2x30 | 716.1 | 17.1 |
| Spit 14 | 540.6 | 19.3 | C205 | 723.1 | 20.0 |
| Bf 110-G2 4x20+2x30 | 556.6 | 16.6 | P47 D-11 6x 267 | 726.6 | 17.7 |
| P47 D-11 6x 267 | 558.0 | 16.9 | A-20 | 728.7 | 18.0 |
| Bf 109-G14 1x30, 2x20 | 565.1 | 17.7 | F4U-1D 50% | 730.3 | 18.3 |
| P47 D-40 6x 267 | 568.0 | 16.9 | Mosquito Hvy. Ammo | 734.9 | 18.3 |
| Typhoon | 569.5 | 18.3 | Bf 109-G14 1x30, 2x20 | 738.0 | 18.0 |
| Mosquito Hvy. Ammo | 570.3 | 16.4 | F4U-1C | 747.3 | 18.0 |
| P38-G Hvy Ammo | 582.3 | 19.6 | F4U-1D 75% | 755.1 | 17.7 |
| FW-190 A-5 4x20 | 597.9 | 18.0 | P47 D-25 6x 267 | 755.1 | 17.7 |
| P-47N 6x 267 | 599.8 | 16.1 | P47 D-40 6x 267 | 759.8 | 17.7 |
| P47 D-11 8x 425 | 601.6 | 15.7 | P47 D-11 8x 425 | 760.2 | 17.1 |
| C205 | 607.8 | 17.7 | P38-G Hay Ammo | 767.6 | 18.6 |
| TA-152-H1 | 607.9 | 18.9 | P51-B | 769.3 | 17.7 |
| Yak 9-U | 617.3 | 17.7 | P-47N 6x 267 | 779.8 | 17.1 |
| A-20 | 617.3 | 16.6 | P51 D 6x | 780.8 | 18.3 |
| P47 D-25 6x 267 | 617.3 | 16.6 | FW-190 A-5 4x20 | 790.2 | 18.6 |
| P38-L Hvy Ammo | 630.6 | 20.0 | TA-152-H1 | 802.2 | 19.3 |
| P-47N 8x 425 | 633.4 | 15.0 | F4U-1D 99% | 804.6 | 16.6 |
| P38-J Hvy Ammo | 638.0 | 19.6 | P-47N 8x 425 | 809.6 | 16.6 |
| P47 D-25 8x 425 | 641.2 | 15.2 | P47 D-40 8x 425 | 809.6 | 16.6 |
| P51 D 6x | 642.3 | 16.4 | P38-L Hvy Ammo | 820.9 | 18.9 |
| FW-190 D-9 | 642.5 | 17.1 | P38-J Hvy Ammo | 820.9 | 18.9 |
| P51-B | 653.9 | 15.4 | P47 D-25 8x 425 | 822.1 | 16.4 |
| P47 D-40 8x 425 | 660.7 | 15.7 | FW-190 D-9 | 849.7 | 18.3 |
| FW-190 F8 | 672.3 | 15.9 | FW-190 A-8 4x20 | 877.9 | 17.1 |
| FW-190 A-8 4x20 | 677.6 | 15.9 | B-26 | 890.6 | 13.5 |
| B-26 | 760.4 | 12.3 | FW-190 F8 | 891.8 | 16.9 |
| Me 262 | 818.0 | 13.7 | Me 262 | 1037.0 | 14.0 |

Alphabetical Sort

| Plane | Full Flap Radius | No Flap Radius |
|-----------|------------------|----------------|
| A-20 | 614.5 | 725.4 |
| A6M2 Zero | 335.1 | 377.8 |
| A6M5 Zero | 360.8 | 422.6 |

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| B-26 | 757.0 | 886.5 |
| Bf 109-E | 407.0 | 544.0 |
| Bf 109-F4 | 447.3 | 591.4 |
| Bf 109-G14 1x30.2x20 | 562.5 | 734.6 |
| Bf 109-G-14 | 502.2 | 669.6 |
| Bf 109-G2 1x 20 | 476.4 | 636.1 |
| Bf 109-G6 | 494.4 | 647.9 |
| Bf 109-K-4 | 532.8 | 703.3 |
| Bf 110-C4 | 461.2 | 610.3 |
| Bf 110-G2 2x20+2x30 | 516.1 | 678.9 |
| Bf 110-G2 4x20+2x30 | 554.1 | 712.8 |
| C202 | 520.8 | 607.6 |
| C205 | 605.1 | 719.8 |
| D3A-1 | 290.6 | 358.0 |
| F4F | 444.4 | 566.9 |
| F4U-1 | 422.0 | 674.2 |
| F4U-1C | 449.5 | 743.9 |
| F4U-1D | 430.5 | 702.3 |
| F4U-1D 50% | 446.1 | 727.0 |
| F4U-1D 75% | 469.6 | 751.6 |
| F4U-1D 99% | 490.1 | 800.9 |
| F4U4 | 439.0 | 690.5 |
| F6F | 490.2 | 648.6 |
| FM2 | 404.9 | 516.4 |
| FW-190 A-5 4x 20 | 595.2 | 786.6 |
| FW-190 A-8 4x 20 | 674.5 | 873.9 |
| FW-190 D-9 | 639.6 | 845.9 |
| FW-190 F8 | 669.2 | 887.8 |
| Hurricane 1 | 364.5 | 419.9 |
| Hurricane 2C | 410.1 | 480.8 |
| Hurricane 2D | 456.1 | 527.8 |
| IL-2 | 453.8 | 603.5 |
| JU-87D-3 | 432.4 | 584.3 |
| Ki-61 | 525.8 | 612.6 |
| KI-84-1a | 468.7 | 595.2 |
| LA5-FN | 467.4 | 620.2 |
| LA-7 3 Cannon | 467.4 | 616.5 |
| Me 262 | 814.2 | 1032.3 |
| Mosquito Hvy. Ammo | 567.7 | 731.5 |
| NIK2-J | 448.1 | 610.0 |

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|-----------------|-------|-------|
| P38-G Hvy Ammo | 579.7 | 764.1 |
| P38-J Hvy Ammo | 635.1 | 817.2 |
| P38-L Hvy Ammo | 627.7 | 817.2 |
| P-40-B | 519.2 | 659.1 |
| P-40E | 510.5 | 647.9 |
| P47 D-11 6x 267 | 555.5 | 723.3 |
| P47 D-11 8x 425 | 598.9 | 756.7 |
| P47 D-25 6x 267 | 614.5 | 751.6 |
| P47 D-25 8x 425 | 638.2 | 818.3 |
| P47 D-40 6x 267 | 565.4 | 756.3 |
| P47 D-40 8x 425 | 657.7 | 805.9 |
| P-47N 6x 267 | 597.1 | 776.3 |
| P-47N 8x 425 | 630.5 | 805.9 |
| P51 D 6x | 639.3 | 777.3 |
| P51-B | 651.0 | 765.8 |
| SBD-5 | 392.4 | 510.5 |
| Seafire Mk II | 467.4 | 618.4 |
| Spit 1 | 395.2 | 470.5 |
| Spit 14 | 538.1 | 628.6 |
| Spit 16 | 460.0 | 566.8 |
| Spit 5 | 434.7 | 502.6 |
| Spit 8 | 475.5 | 568.4 |
| Spit 9 | 528.5 | 632.4 |
| TA-152-H1 | 605.2 | 798.5 |
| Tempest | 530.1 | 655.6 |
| Typhoon | 567.0 | 711.7 |
| Yak 9-T | 530.1 | 613.8 |
| Yak 9-U | 614.5 | 640.7 |

Test: 500 ft. 25% Fuel 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 on the edge of 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.

F.F Radius = Full Flaps Radius; F.F. D.P.S = Full Flaps Degrees Per Second
N.F. Radius = No Flaps Radius; N.F. D.P.S. = No Flaps Degrees Per Second
P-38 Full Flaps is actually 4 notches, full flaps has a bug, unflyable.