



## RPM COMPARISON TABLES

These stats were recorded from the personal wheels of Rebecca Giles. The RPM (rotations per minute) can vary slightly from one wheel to the next. The speeds listed on our wheel pages for each wheel are what we would consider a conservatively rated speed however after the initial break-in in shop and after being fully broken in wheels may see an increase in speed performance. Please use this information as a general guideline for comparison to help you ballpark your speed from one wheel to another.

## CURRENT WHEELS

%	Starling V3FP Low Speed Scotch	Starling V3FP High Speed Scotch	Starling V3FP Low Speed Irish	Starling V3FP High Speed Irish	Falcon *	Magpie V2 Standard Scotch/Irish High	Magpie V2 Standard Irish Low	Magpie V2 Art Scotch/Irish High	Magpie V2 Art Irish Low	Sparrow Low Speed Scotch **	Sparrow High Speed Scotch **	Sparrow Low Speed Irish **	Sparrow High Speed Irish **	Martin ***
100	2180	2360	1820	2050	4180	2550	1400	1550	990	1820	2200	1960	2350	2200
90	1970	2150	1640	1860	3760	2360	1260	1400	880	1620	1950	1740	2100	1940
80	1760	1920	1450	1650	3580	2100	1120	1260	780	1420	1710	1520	1850	1700
70	1540	1680	1260	1440	2940	1850	970	1120	680	1220	1470	1320	1600	1470
60	1310	1440	1060	1230	2550	1600	830	950	580	1020	1230	1100	1350	1230
50	1070	1190	870	1000	2070	1330	670	800	480	820	990	880	1080	980
40	810	930	680	760	1650	1040	520	630	370	630	750	650	820	740
30	560	620	480	540	1170	750	380	460	270	420	500	430	550	500
20	310	360	270	300	720	440	230	270	160	220	250	220	280	270
10	--	--	--	--	--	--	--	--	--	--	--	--	--	--

\* To see a more detailed Falcon RPM Chart see other page.

\*\* When Sparrow was released it came with a Single Speed Pinion (one groove). Sparrows now feature a 2-Speed Pinion (two grooves).

\*\*\* RPM Data for Martin is with the External Speed Controller.



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## RETIRED WHEELS

%	Starling V1/V2 Mini	Starling V1/V2 XL	Starling V3 Scotch	Starling V3 Irish	Magpie Standard Scotch/Irish High	Magpie Standard Irish Low	Magpie Art Scotch/Irish High	Magpie Art Irish Low	Sparrow Scotch **	Sparrow Irish**
100	2100	2020	2180	1950	2350	1280	1410	900	2040	2200
90	1870	1800	1970	1740	2130	1150	1280	800	1830	2000
80	1650	1590	1760	1570	1900	1030	1150	710	1590	1770
70	1420	1370	1540	1360	1670	880	1020	620	1360	1530
60	1200	1160	1300	1170	1440	750	870	530	1170	1300
50	960	930	1060	950	1200	610	730	440	900	1050
40	720	700	810	740	940	480	580	340	660	820
30	500	490	550	500	680	350	420	250	450	570
20	270	270	300	300	400	210	250	150	240	330
10	--	--	--	--	130	70	80	50	--	--

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Speed %	Falcon
100	4180
95	3950
90	3760
85	3580
80	3390
75	3120
70	2940
65	2730
60	2550
55	2280
50	2070
45	1860
40	1650
35	1380
30	1170
25	930
20	720
15	420
10	--

## FALCON'S DETAILED RPM