

Second set of readings from the Parkinson Wind Tunnel:

Motor (rpm)	Gill (3D Sonic)			Kestrel (m/s)	Chart (m/s)	Betz (mm)
	U (m/s)	V (m/s)	W (m/s)			
200	-0.12	-0.01	0.00	0.0	0.00	0.00
225	-0.14	-0.10	-0.15	1.6	2.2	0.4
250	-0.18	-4.53	-0.10	3.7	3.1	1.3
275	-0.22	-7.09	-0.12	5.9	5.1	3.1
300	-0.23	-9.08	-0.12	7.6	7.6	4.8
325	-0.32	-10.85	-0.15	9.1	10.1	6.9
350	-0.31	-12.30	-0.13	10.3	12.6	8.7
375	-0.37	-13.49	-0.18	11.3	13.5	10.5
400	-0.33	-14.58	-0.19	12.3	14.5	12.2
425	-0.39	-15.77	-0.21	13.3	15.5	14.3
450	-0.45	-17.04	-0.22	14.3	16.5	16.6
475	-0.33	-18.00	-0.19	15.3	17.5	18.4
500	-0.38	-16.84	-1.05	16.1	18.4	20.5
525	-0.49	-18.61	-1.06	17.0	19.4	22.6
550	-0.56	-19.53	-1.06	17.9	20.4	25.2

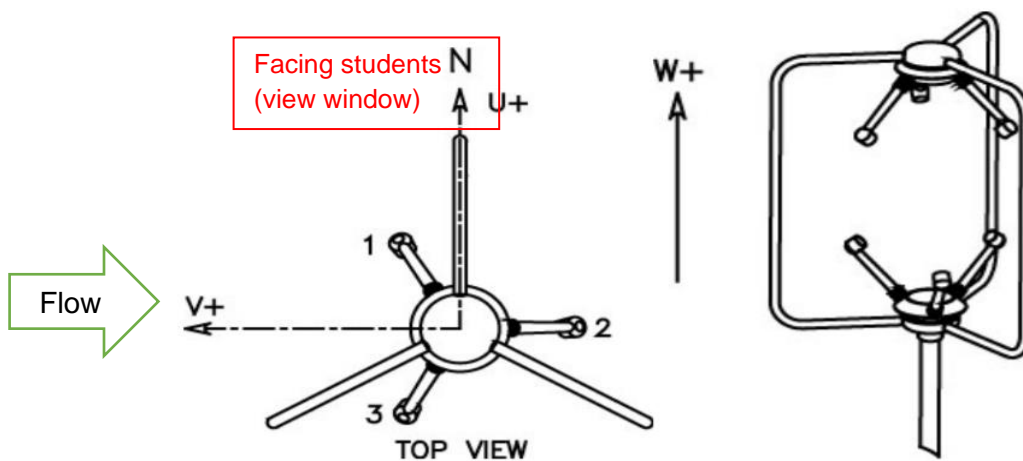


Figure 2 U, V and W Axis Definition