

Wind Turbine Model Construction Supply List

Item no.	Item Name	Size	Price	Supplier	Remarks
1	Particle Board	5/8" x 2' x 2'	\$ 4.00	Lowe's	Enough for 4 bases
2	Hobby Motor	1.5-3 vdc	\$ 3.00	Hobby shops, Kelvin, Pitsco	
3	PVC pipe (5' length) sch 40	3/4"	\$ 1.67	Lowe's	Enough for 2 assemblies
4	Alligator test leads	22 AWG x 20" long	\$ 2.15	Hobby shops, Kelvin, Pitsco	
5	PVC Tee	3/4"	\$ 0.36	Lowe's	
6	PVC Cap	3/4"	\$ 0.32	Lowe's	
7	PVC Coupling (union)	3/4"	\$ 0.23	Lowe's	
8	Thermostat Wiring	18/2 x 50 '	\$ 9.00	Lowe's	Enough for 25 assemblies
9	Nylon Bushing	1/2"dia. x 3/16" long	\$ 0.25	Lowe's or Home Depot	1/8" center hole
10	Plastic splined extension	1/8" dia. x 21/4" long	\$ 0.90		
11	Dowels	3/16" dia x 36" long	\$ 0.18	Hobby shops, Kelvin, Pitsco	
12	Hub	2 1/4" dia	\$ 0.45	Hobby shops, Kelvin, Pitsco	
13	Plastic	12"x24"x1/8"	\$ 8.95		Enough for 12 stabilizers
Total Cost			\$ 31.46		