Propeller Inputs | Propeller Geometry | DEVELOPED BLADE OUTLINE | Cad Design Data

AutoCad Coordinates for Propeller Design

		Yh = C8 x t / 104					Yh = C9 x t / 104						
No.	X=r/R	x / (1 - b)					x / b						
		1.00	0.80	0.60	0.40	0.20	0.20	0.40	0.60	0.80	0.90	0.95	1.00
1	0.20	-	64.4	87.8	105.0	116.5	118.6	111.7	99.5	81.5	69.1	61.1	-
2	0.25	-	58.0	81.6	98.9	110.3	111.8	104.0	91.6	73.9	61.2	53.0	-
3	0.30	-	51.0	75.1	92.6	103.8	104.3	96.7	83.8	65.9	52.1	43.6	-
4	0.40	-	40.4	63.7	80.2	90.3	90.3	83.5	70.8	53.5	39.1	30.7	-
5	0.50	-	31.9	53.2	67.7	76.7	77.7	71.2	58.3	40.9	27.6	20.0	-
6	0.60	-	25.8	43.7	55.5	63.2	63.8	58.0	47.2	32.0	21.5	15.0	-
7	0.70	-	21.1	34.9	43.9	49.8	50.0	43.9	35.4	24.3	16.3	11.6	-
8	0.80	-	17.0	26.3	32.7	36.5	36.5	32.7	26.3	17.0	11.3	8.3	-
9	0.90	-	10.6	17.1	21.1	23.1	23.1	21.1	17.1	10.6	6.2	5.1	-
10	0.95	-											-
	Total :	0.00	320.25	483.46	597.53	670.08	676.06	622.96	529.96	399.65	304.45	248.47	0.00

		Yt = C10 x t / 104					Yt = C11 x t / 104						
No.	X=r/R	x / (1 - b)					x / b						
		1.00	0.80	0.60	0.40	0.20	0.20	0.40	0.60	0.80	0.90	0.95	1.00
1	0.20	36.2	22.0	13.2	6.6	1.9	5.4	3.4	8.9	18.7	26.2	31.3	44.4
2	0.30	27.1	13.0	6.2	1.8	0.0	4.8	1.4	5.0	11.7	17.4	21.2	33.2
3	0.40	16.6	5.8	1.4	0.0	0.0	0.0	0.3	1.6	5.5	9.2	12.5	22.7
4	0.50	7.7	1.4	0.0	0.0	0.0	0.0	0.0	0.3	1.3	3.5	5.7	13.5
5	0.60	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	6.7
6	0.70-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total :	90.99	42.19	20.77	8.40	1.87	10.25	5.05	15.82	37.22	56.61	72.07	120.43