

## RIBLETT GA30U-613.5

Wing Chord										
% Chord			Wing Chord						Thickness	
Chord	% Chord		60 inches			1524 mm			Thickness	
	Above	Below	Chord (in)	Above (in)	Below (in)	Chord (mm)	Above (mm)	Below (mm)	(Inches)	(mm)
0	0	0	0	0.000	0.000	0	0	0	0.000	0
0.25	1.093	-0.869	0.15	0.656	-0.521	4	17	-13	1.177	30
0.5	1.581	-1.167	0.3	0.949	-0.700	8	24	-18	1.649	42
0.75	1.961	-1.379	0.45	1.177	-0.827	11	30	-21	2.004	51
1.25	2.571	-1.689	0.75	1.543	-1.013	19	39	-26	2.556	65
2.5	3.718	-2.164	1.5	2.231	-1.298	38	57	-33	3.529	90
5	5.322	-2.676	3	3.193	-1.606	76	81	-41	4.799	122
7.5	6.507	-2.943	4.5	3.904	-1.766	114	99	-45	5.670	144
10	7.446	-3.09	6	4.468	-1.854	152	113	-47	6.322	161
15	8.857	-3.169	9	5.314	-1.901	229	135	-48	7.216	183
20	9.827	-3.083	12	5.896	-1.850	305	150	-47	7.746	197
25	10.47	-2.898	15	6.282	-1.739	381	160	-44	8.021	204
30	10.856	-2.648	18	6.514	-1.589	457	165	-40	8.102	206
35	11.025	-2.367	21	6.615	-1.420	533	168	-36	8.035	204
40	10.997	-2.08	24	6.598	-1.248	610	168	-32	7.846	199
45	10.794	-1.806	27	6.476	-1.084	686	165	-28	7.560	192
50	10.4	-1.58	30	6.240	-0.948	762	158	-24	7.188	183
55	9.795	-1.437	33	5.877	-0.862	838	149	-22	6.739	171
60	9.023	-1.337	36	5.414	-0.802	914	138	-20	6.216	158
65	8.106	-1.236	39	4.864	-0.742	991	124	-19	5.605	142
70	7.059	-1.113	42	4.235	-0.668	1067	108	-17	4.903	125
75	5.913	-0.957	45	3.548	-0.574	1143	90	-15	4.122	105
80	4.707	-0.789	48	2.824	-0.473	1219	72	-12	3.298	84
85	3.53	-0.592	51	2.118	-0.355	1295	54	-9	2.473	63
90	2.353	-0.395	54	1.412	-0.237	1372	36	-6	1.649	42
95	1.176	-0.198	57	0.706	-0.119	1448	18	-3	0.824	21
100	0	0	60	0.000	0.000	1524	0	0	0.000	0

## RIBLETT GA30U-612

Wing Chord										
% Chord			Wing Chord						Thickness	
Chord	% Chord		60 inches			1524 mm			Thickness	
	Above	Below	Chord (in)	Above (in)	Below (in)	Chord (mm)	Above (mm)	Below (mm)	(Inches)	(mm)
0	0.000	0.000	0	0.000	0.000	0	0	0	0.000	0
0.25	0.984	-0.760	0.15	0.590	-0.456	4	15	-12	1.046	27

	0.5	1.429	-1.015	0.3	0.857	-0.609	8	22	-15	1.466	37
	0.75	1.776	-1.194	0.45	1.066	-0.716	11	27	-18	1.782	45
	1.25	2.335	-1.453	0.75	1.401	-0.872	19	36	-22	2.273	58
	2.5	3.391	-1.837	1.5	2.035	-1.102	38	52	-28	3.137	80
	5	4.877	-2.231	3	2.926	-1.339	76	74	-34	4.265	108
	7.5	5.982	-2.418	4.5	3.589	-1.451	114	91	-37	5.040	128
	10	6.860	-2.504	6	4.116	-1.502	152	105	-38	5.618	143
	15	8.189	-2.501	9	4.913	-1.501	229	125	-38	6.414	163
	20	9.110	-2.366	12	5.466	-1.420	305	139	-36	6.886	175
	25	9.728	-2.156	15	5.837	-1.294	381	148	-33	7.130	181
	30	10.106	-1.898	18	6.064	-1.139	457	154	-29	7.202	183
	35	10.281	-1.623	21	6.169	-0.974	533	157	-25	7.142	181
	40	10.270	-1.354	24	6.162	-0.812	610	157	-21	6.974	177
	45	10.094	-1.106	27	6.056	-0.664	686	154	-17	6.720	171
	50	9.734	-0.914	30	5.840	-0.548	762	148	-14	6.389	162
	55	9.171	-0.813	33	5.503	-0.488	838	140	-12	5.990	152
	60	8.447	-0.761	36	5.068	-0.457	914	129	-12	5.525	140
	65	7.587	-0.717	39	4.552	-0.430	991	116	-11	4.982	127
	70	6.605	-0.659	42	3.963	-0.395	1067	101	-10	4.358	111
	75	5.532	-0.576	45	3.319	-0.346	1143	84	-9	3.665	93
	80	4.401	-0.483	48	2.641	-0.290	1219	67	-7	2.930	74
	85	3.301	-0.363	51	1.981	-0.218	1295	50	-6	2.198	56
	90	2.201	-0.243	54	1.321	-0.146	1372	34	-4	1.466	37
	95	1.099	-0.121	57	0.659	-0.073	1448	17	-2	0.732	19
	100	0.000	0.000	60	0.000	0.000	1524	0	0	0.000	0

RIBLETT GA30U-613.5				RIBLETT GA30U-612				
Wing Chord Plot				Wing Chc				
1524 mm				1524 mm				
X	613.5 Top	613.5 Under		X	(Series 1)	(Series 2)		
0	0	0		0	0	0	-300	-300
4	17	-13		4	15	-12	-285.0038	-311.5824
8	24	-18		8	22	-15	-278.2220	-315.4686
11	30	-21		11	27	-18	-272.9337	-318.1965
19	39	-26		19	36	-22	-264.4146	-322.1437
38	57	-33		38	52	-28	-248.3211	-327.9958
76	81	-41		76	74	-34	-225.6745	-334.0004
114	99	-45		114	91	-37	-208.8343	-336.8503
152	113	-47		152	105	-38	-195.4536	-338.1609
229	135	-48		229	125	-38	-175.1996	-338.1152
305	150	-47		305	139	-36	-161.1636	-336.0578
381	160	-44		381	148	-33	-151.7452	-332.8574
457	165	-40		457	154	-29	-145.9845	-328.9255
533	168	-36		533	157	-25	-143.3175	-324.7345
610	168	-32		610	157	-21	-143.4852	-320.6349
686	165	-28		686	154	-17	-146.1674	-316.8554
762	158	-24		762	148	-14	-151.6538	-313.9293
838	149	-22		838	140	-12	-160.2338	-312.3901
914	138	-20		914	129	-12	-171.2677	-311.5976
991	124	-19		991	116	-11	-184.3741	-310.9270
1067	108	-17		1067	101	-10	-199.3398	-310.0431
1143	90	-15		1143	84	-9	-215.6923	-308.7782
1219	72	-12		1219	67	-7	-232.9287	-307.3609
1295	54	-9		1295	50	-6	-249.6927	-305.5321
1372	36	-6		1372	34	-4	-266.4567	-303.7033
1448	18	-3		1448	17	-2	-283.2512	-301.8440
1524	0	0		1524	0	0	-300	-300





<b>Plot Co-Ordinates</b>					
<b>Chord</b>	<b>Under</b>	<b>Top (Cleaned Up)</b>	<b>Under</b>	<b>Top</b>	
0.0000	1.5000	1.5000	-561.9000	-561.9000	0
0.2500	1.1250	1.6250	-571.4250	-558.7250	6.35
0.5000	0.8750	2.0000	-577.7750	-549.2000	12.7
1.5000	0.5000	2.7500	-587.3000	-530.1500	38.1
2.5000	0.3125	3.4219	-592.0625	-513.0844	63.5
3.5000	0.2188	3.9688	-594.4438	-499.1938	88.9
4.5000	0.1563	4.4688	-596.0313	-486.4938	114.3
5.5000	0.0938	4.9063	-597.6188	-475.3813	139.7
6.5000	0.0625	5.2500	-598.4125	-466.6500	165.1
7.5000	0.0313	5.5938	-599.2063	-457.9188	190.5
8.6250	0.0313	5.9063	-599.2063	-449.9813	219.075
10.1250	0.0625	6.1563	-598.4125	-443.6313	257.175
11.6250	0.1250	6.3125	-596.8250	-439.6625	295.275
14.6250	0.3125	6.5938	-592.0625	-432.5188	371.475
17.6250	0.5000	6.7813	-587.3000	-427.7563	447.675
20.6250	0.6250	6.8125	-584.1250	-426.9625	523.875
25.6250	0.6250	6.6250	-584.1250	-431.7250	650.875
30.6250	0.4688	6.1563	-588.0938	-443.6313	777.875
35.6250	0.2188	5.5000	-594.4438	-460.3000	904.875
40.6250	0.0938	4.5938	-597.6188	-483.3188	1031.875
45.6250	0.0625	3.5313	-598.4125	-510.3063	1158.875
50.6250	0.0313	2.3750	-599.2063	-539.6750	1285.875
58.3750	0.0000	0.5000	-600.0000	-587.3000	1482.725
60.1250	0.0000	0.0000	-600.0000	-600.0000	1527.175

