

Perf ASAP E310				Perf ASAP E340				Perf Apco 500				Skybolt 430 - PWC			
GrW	Spd	Cr Hp	Sink	GrW	Spd	Cr Hp	Sink	GrW	Spd	Cr Hp	Sink	GrW	Spd	Cr Hp	sink
340	28.3	4.0	298.1	340	23.8	3.6	261.0	340	19.3	4.7	363.6	340	20.4	4.3	418.9
365	29.3	4.5	318.5	365	24.7	4.0	280.0	365	20.0	5.2	386.3	365	21.2	4.8	434.0
390	30.3	4.9	337.7	390	25.5	4.5	297.9	390	20.7	5.8	407.7	390	21.9	5.3	448.7
415	31.2	5.4	355.7	415	26.3	4.9	314.6	415	21.4	6.3	428.0	415	22.6	5.8	462.8
440	32.1	5.9	372.8	440	27.1	5.4	330.5	440	22.0	6.9	447.2	440	23.3	6.4	476.6
465	33.0	6.4	389.1	465	27.8	5.8	345.6	465	22.6	7.5	465.6	465	23.9	6.9	489.9
490	33.9	7.0	404.6	490	28.6	6.3	360.0	490	23.2	8.1	483.2	490	24.5	7.5	502.9
515	34.8	7.5	419.5	515	29.3	6.8	373.8	515	23.8	8.8	500.1	515	25.2	8.0	515.6
540	35.6	8.0	433.9	540	30.0	7.3	387.0	540	24.4	9.4	516.3	540	25.8	8.6	527.9
565	36.4	8.6	447.7	565	30.7	7.8	399.8	565	24.9	10.1	532.0	565	26.4	9.2	540.0
590	37.2	9.2	461.1	590	31.3	8.3	412.1	590	25.5	10.7	547.3	590	26.9	9.9	551.8
615	38.0	9.8	474.0	615	32.0	8.9	424.0	615	26.0	11.4	562.0	615	27.5	10.5	563.4
640	38.8	10.4	486.6	640	32.6	9.4	435.5	640	26.5	12.1	576.3	640	28.1	11.1	574.8
665	39.5	11.0	498.8	665	33.3	10.0	446.8	665	27.0	12.8	590.3	665	28.6	11.8	585.9
690	40.3	11.6	510.6	690	33.9	10.5	457.7	690	27.5	13.6	603.8	690	29.1	12.5	596.8
700	40.5	11.9	515.3	700	34.1	10.7	462.0	700	27.7	13.9	609.2	700	29.3	12.8	601.1
715	41.0	12.3	522.2	715	34.5	11.1	468.3	715	28.0	14.3	617.1	715	29.7	13.2	607.5
740	41.7	12.9	533.5	740	35.1	11.7	478.6	740	28.5	15.1	630.0	740	30.2	13.9	618.0
765	42.4	13.6	544.5	765	35.7	12.3	488.8	765	29.0	15.8	642.7	765	30.7	14.6	628.4
790	43.1	14.2	555.3	790	36.3	12.9	498.6	790	29.5	16.6	655.1	790	31.2	15.3	638.6
815	43.7	14.9	565.9	815	36.8	13.5	508.3	815	29.9	17.4	667.2	815	31.7	16.0	648.6
840	44.4	15.6	576.2	840	37.4	14.1	517.8	840	30.4	18.2	679.1	840	32.1	16.8	658.5
865	45.1	16.3	586.4	865	38.0	14.8	527.1	865	30.8	19.1	690.7	865	32.6	17.5	668.2
890	45.7	17.0	596.3	890	38.5	15.4	536.2	890	31.3	19.9	702.2	890	33.1	18.3	677.8
915	46.4	17.8	606.1	915	39.0	16.1	545.1	915	31.7	20.7	713.4	915	33.5	19.1	687.2
940	47.0	18.5	615.7	940	39.6	16.7	553.9	940	32.1	21.6	724.5	940	34.0	19.8	696.6
965	47.6	19.2	625.1	965	40.1	17.4	562.5	965	32.6	22.5	735.4	965	34.4	20.6	705.8
990	48.2	20.0	634.4	990	40.6	18.1	571.0	990	33.0	23.3	746.1	990	34.9	21.4	714.8
1015	48.8	20.7	643.5	1015	41.1	18.8	579.3	1015	33.4	24.2	756.6	1015	35.3	22.3	723.8
1040	49.4	21.5	652.5	1040	41.6	19.5	587.5	1040	33.8	25.1	767.0	1040	35.8	23.1	732.7
1065	50.0	22.3	661.4	1065	42.1	20.2	595.6	1065	34.2	26.0	777.2	1065	36.2	23.9	741.4
1090	50.6	23.1	670.1	1090	42.6	20.9	603.6	1090	34.6	27.0	787.3	1090	36.6	24.8	750.1
1115	51.2	23.9	678.8	1115	43.1	21.6	611.4	1115	35.0	27.9	797.2	1115	37.0	25.6	758.6
1140	51.7	24.7	687.2	1140	43.6	22.3	619.2	1140	35.4	28.8	807.1	1140	37.4	26.5	767.1
1165	52.3	25.5	695.6	1165	44.0	23.1	626.8	1165	35.8	29.8	816.8	1165	37.8	27.4	775.4
1190	52.9	26.3	703.9	1190	44.5	23.8	634.4	1190	36.2	30.7	826.3	1190	38.3	28.3	783.7
1215	53.4	27.2	712.1	1215	45.0	24.6	641.8	1215	36.5	31.7	835.8	1215	38.7	29.2	791.9
1240	54.0	28.0	720.2	1240	45.4	25.3	649.2	1240	36.9	32.7	845.1	1240	39.0	30.1	800.0
1265	54.5	28.9	728.1	1265	45.9	26.1	656.4	1265	37.3	33.7	854.3				
1290	55.0	29.7	736.0	1290	46.3	26.9	663.6	1290	37.7	34.7	863.5				
1315	55.6	30.6	743.8	1315	46.8	27.7	670.7	1315	38.0	35.7	872.5				

* = calculated

GRrwt = gross weight at test

Spd = airspeed at test mph

ROC = rate of climb fpm

ROS = rate of sink power off fpm full power

IHP = idle prop hp, 0.5 for 503, 0.7 for 582

density altitude 3500 ft