

HIGH ALTITUDE LEAFLET COMPUTATIONS

SECTION I

PAPER SIZE		WEIGHT		AVERAGE TARGET ELEVATION	
TABLE 1 V°		$R\sqrt{T}$		AUTOROTATOR (Check One) AUTOROTATOR <input type="checkbox"/> NON-AUTOROTATION <input type="checkbox"/>	
PRESSURE ALT (1000)	TIME FACTOR (TABLE 2) (Hours)	X	WIND SPEED (Kts)	= DRIFT DISTANCE (NM)	WIND DIRECTION (Degrees)
0-5		x			
5-10		x			
10-15		x			
15-20		x			
20-25		x			
25-30		x			
30-35		x			

SECTION II

DROP ALT (Feet)	MEASURED DRIFT DISTANCE (NM)	X	$R\sqrt{T}$	+	NO-WIND LENGTH (NM)	= MAJOR AXIS (NM)	MEASURED NET WIND DIRECTION
10,000		x		+			
15,000		x		+			
20,000		x		+			
25,000		x		+			
30,000		x		+			
35,000		x		+			

SECTION III

SELECTED DROP ALTITUDE

NO-WIND LENGTH (NM) = DROP ALT (FT) / 12,152 = NM

MINOR AXIS = (Maximum Deviation Value (NM) X $R\sqrt{T}$ + No-Wind Length (NM)

= (_____ X _____) + _____ = _____ NM

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About the ITAOP/savePDF Method

The traditional Field-by-Field creation process is extremely ineffective and slow.

The only realistic option to create high-quality forms is the Insert-Text-Anywhere-on-Page (ITAOP) method.

The field creation process is about 10,000 times faster than the traditional method; the list of ITAOP features is not even available for the traditional method.

ITAOP savePDF method proved to be very simple and completely reliable for millions of users all over the world (incl. individuals, companies, organizations, government employees).

TIME FACTOR (HOURS) FOR THE DESCENT OF LEAFLETS THROUGH 5,000-FT INCREMENTS - AUTORATORS								TIME FACTOR (HOURS) FOR THE DESCENT OF LEAFLETS THROUGH 5,000-FT INCREMENTS - NON-AUTORATORS							
GROUND DESCENT (Ft/Sec)	0-5	5-10	10-15	15-20	20-25	25-30	30-35	GROUND DESCENT (Ft/Sec)	0-5	5-10	10-15	15-20	20-25	25-30	30-35
1.0	1.36	1.28	1.18	1.07	0.96	0.86	0.76	1.0	1.37	1.31	1.22	1.11	0.98	0.84	0.71
1.1	1.24	1.16	1.07	0.97	0.87	0.78	0.69	2.0	0.69	0.66	0.61	0.56	0.49	0.42	0.35
1.2	1.13	1.06	0.98	0.89	0.80	0.71	0.63	2.1	0.65	0.62	0.58	0.53	0.47	0.40	0.34
1.3	1.05	0.98	0.91	0.82	0.74	0.66	0.58	2.2	0.62	0.60	0.56	0.50	0.45	0.38	0.32
1.4	0.97	0.91	0.84	0.76	0.69	0.61	0.54	2.3	0.60	0.57	0.53	0.48	0.43	0.37	0.31
1.5	0.91	0.85	0.78	0.71	0.64	0.57	0.50	2.4	0.57	0.55	0.51	0.46	0.41	0.35	0.29
1.6	0.85	0.80	0.74	0.67	0.60	0.54	0.47	2.5	0.55	0.52	0.49	0.44	0.39	0.34	0.28
1.7	0.80	0.75	0.69	0.63	0.57	0.50	0.45	2.6	0.53	0.50	0.47	0.43	0.38	0.32	0.27
1.8	0.76	0.71	0.65	0.59	0.53	0.48	0.42	2.7	0.51	0.49	0.45	0.41	0.36	0.31	0.26
1.9	0.72	0.67	0.62	0.56	0.51	0.45	0.40	2.8	0.49	0.47	0.44	0.40	0.35	0.30	0.25
2.0	0.68	0.64	0.59	0.53	0.48	0.43	0.38	2.9	0.47	0.45	0.42	0.38	0.34	0.29	0.24
2.1	0.65	0.61	0.56	0.51	0.46	0.41	0.36	3.0	0.46	0.44	0.41	0.37	0.33	0.28	0.24
2.2	0.62	0.58	0.53	0.49	0.44	0.39	0.34	3.1	0.44	0.42	0.39	0.36	0.32	0.27	0.23
2.3	0.59	0.56	0.51	0.47	0.42	0.37	0.33	3.2	0.43	0.41	0.38	0.35	0.31	0.26	0.22
2.4	0.57	0.53	0.49	0.45	0.40	0.36	0.32	3.3	0.42	0.40	0.37	0.34	0.30	0.26	0.25
2.5	0.54	0.51	0.47	0.43	0.38	0.34	0.30	3.4	0.40	0.39	0.36	0.33	0.29	0.25	0.21
2.6	0.52	0.49	0.45	0.41	0.37	0.33	0.29	3.5	0.39	0.37	0.35	0.32	0.28	0.24	0.20
2.7	0.50	0.47	0.44	0.40	0.36	0.32	0.28	3.6	0.38	0.36	0.34	0.31	0.27	0.23	0.20
2.8	0.49	0.46	0.42	0.38	0.34	0.31	0.27	3.7	0.37	0.35	0.33	0.30	0.27	0.23	0.19
2.9	0.47	0.44	0.41	0.37	0.33	0.30	0.26	3.8	0.36	0.35	0.32	0.29	0.26	0.22	0.19
3.0	0.45	0.43	0.39	0.36	0.32	0.29	0.25	3.9	0.35	0.34	0.31	0.28	0.25	0.22	0.18
3.1	0.44	0.41	0.38	0.35	0.31	0.28	0.24	4.0	0.34	0.33	0.31	0.28	0.25	0.21	0.18
3.2	0.43	0.40	0.37	0.33	0.30	0.27	0.24	4.1	0.33	0.32	0.30	0.27	0.24	0.21	0.17
3.3	0.41	0.39	0.36	0.32	0.29	0.26	0.23	4.2	0.33	0.31	0.29	0.26	0.23	0.20	0.17
3.4	0.40	0.38	0.35	0.31	0.28	0.25	0.22	4.3	0.32	0.31	0.28	0.26	0.23	0.20	0.16
3.5	0.39	0.36	0.34	0.31	0.27	0.24	0.22	4.4	0.31	0.30	0.28	0.25	0.22	0.19	0.16
								4.5	0.30	0.29	0.27	0.25	0.22	0.19	0.16
								4.6	0.30	0.29	0.27	0.24	0.21	0.18	0.15
								4.7	0.29	0.28	0.26	0.24	0.21	0.18	0.15
								4.8	0.29	0.27	0.25	0.23	0.20	0.18	0.15
								4.9	0.28	0.27	0.25	0.23	0.20	0.17	0.14
								5.0	0.27	0.26	0.24	0.22	0.20	0.17	0.14