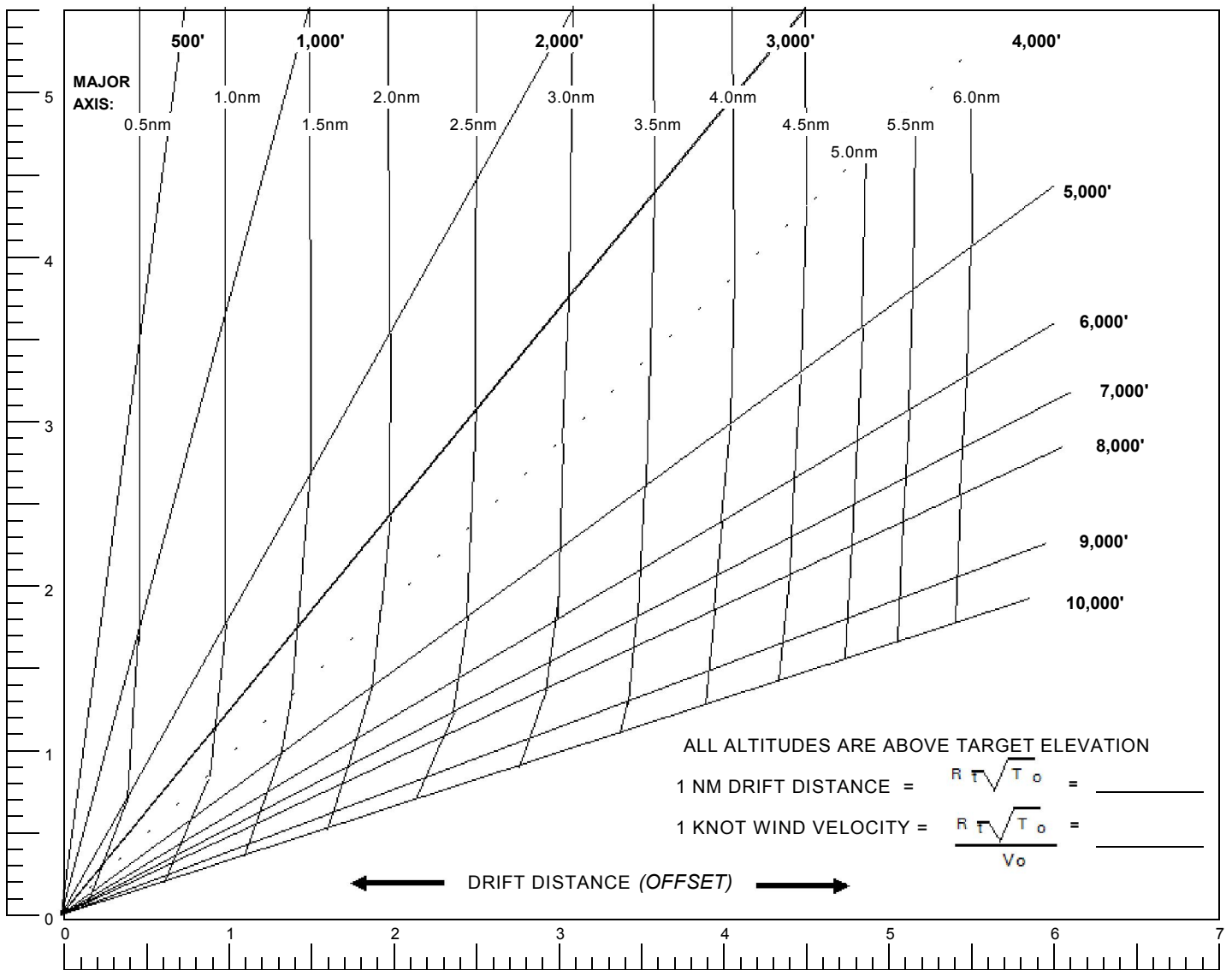


LOW ALTITUDE LEAFLET COMPUTATIONS



NOTE: FOR PAPER WEIGHTS SEE REVERSE AND PRINT IN LANDSCAPE

1 DROP ALTITUDE		9 MAJOR AXIS	TGT LENGTH	13 NAVIGATOR
2 TARGET ELEVATION	+	10 PAPER SIZE/WEIGHT		14 TARGET AREA
3 TRUE ALTITUDE		11 $R \sqrt{T_o}$	$V_o =$	15 START CLIMB POINT
4 PAV	+ A	12 MINOR AXIS (<1 NM)	C O NM	16 DRIFT DIST (OFFSET)
5 PRESSURE ALTITUDE		C $\frac{\text{DROP ALTITUDE}}{\text{MINOR AXIS-NM}} = \frac{\text{MINOR AXIS-NM}}{.495}$		17 DROP ALT W/V
6 TRUE AIR TEMP		D $\frac{\text{GROUND SPEED}}{(3600)} = \frac{\text{TARGET LENGTH-NM}}{\text{(TOTAL TIME)}}$		18 MAG COURSE
7 INDICATED ALTITUDE	B			19 DRIFT CORRECTION
8 IAS/CAS/TAS				20 MAG HEADING
A $\frac{29.92}{\text{TEMPERATURE}} = \frac{\text{TRUE ALTITUDE}}{29.92}$		E $\frac{\text{TARGET LENGTH}}{\text{MINOR AXIS}} = \frac{\text{(# OF RELEASES)}}{1.0}$		21 GROUND SPEED
B (ALTITUDE WINDOW)		F $\frac{\text{TOTAL TIME}}{\text{\# OF RELEASES}} = \frac{\text{(RELEASE INTERVAL)}}{1.0}$		22 TOTAL TIME AT ALT. D
				23 # OF RELEASES E
				24 RELEASE INTERVAL F

PAPER WEIGHT PAPER SIZE (IN)	9 LB VO RT/TO	13 LB VO RT/TO	16 LB VO RT/TO	20 LB VO RT/TO	60 LB VO RT/VO	PAPER WEIGHT PAPER SIZE (IN)	9 LB VO RT/TO	13 LB VO RT/TO	16 LB VO RT/TO	20 LB VO RT/TO	60 LB VO RT/VO
22 X 17.00				3.7 0.46	3.5 0.36	7-3/4 x 3.50			3.6 0.51		
13 X 6.00					5.0 0.37	7-1/2 x 3.50			3.8 0.51		
11 X 11.00	2.5 0.37	3.1 0.36	3.3 0.31	2.9 0.24		x 3.09				*1.9 0.48	
X 8.80	2.6 0.32	2.6 0.22	2.8 0.21	3.2 0.23		x 3.00				*1.8 0.51	
X 7.33	2.6 0.25	2.8 0.24	3.0 0.29	3.3 0.42		7 x 5.00				2.9 0.27	
X 6.29	2.5 0.16	2.7 0.40	2.7 0.23	3.7 0.78		x 4.00		3.4 0.40			
X 5.50	2.9 0.18	3.0 0.34	4.5 0.20	5.0 0.58		x 3.50		3.3 0.35			
X 4.40	2.8 0.21	3.5 0.26	4.1 0.30	5.8 0.61		x 3.00		3.0 0.52			
X 4.00	2.8 0.12	3.6 0.19	3.9 0.25	5.9 0.62							
X 3.67	2.8 0.12	3.0 0.33	4.0 0.46	3.5 0.78		6-1/2 x 5.00		3.0 0.38	3.1 0.30		
X 3.38	2.6 0.19	2.9 0.34	*2.8 0.18	*2.0 0.57							
X 2.75	2.5 0.18	2.1 0.56	*1.7 0.49	*1.8 0.41		6-1/4 x 3.50		3.3 0.35			
10-1/2 X 10.50			3.1 0.33			6 x 6.00	2.4 0.33	2.3 0.44	2.7 0.32	2.7 0.26	
X 8.00			2.9 0.24		4.2 0.55	x 4.80	2.2 0.56	2.4 0.23	2.8 0.20	3.0 0.13	
X 5.33			3.5 0.20			x 4.00	2.3 0.26	2.7 0.37	3.3 0.63	4.0 0.46	
X 4.00			3.5 0.23			x 3.43	2.6 0.51	2.9 0.55	4.5 0.95	4.7 1.00	
X 3.20			2.7 0.33			x 3.00	3.1 0.48	3.6 0.89	4.7 1.04	*2.5 1.11	*1.8 0.54
						x 2.40	2.5 0.34	2.4 0.87	*1.4 0.28	*1.5 0.23	
10-3/8 X 4.00				4.4 0.40		x 2.18	2.6 0.49	*1.5 0.52	*1.4 0.26	*1.6 0.21	
X 3-3/16			3.0 0.30		*2.2 0.47	x 2.00	*2.3 0.67	*1.3 0.59	*1.6 0.36	*1.7 0.22	
X 2-9/16			*2.3 0.29	*2.5 0.38		x 1.85	*2.2 0.56	*1.5 0.27	*1.9 0.24	*1.8 0.30	
						x 1.50	*1.8 0.30	*1.5 0.09	*2.1 0.17	*2.1 0.22	
10 X 8.00				3.4 0.31	3.3 0.35	5-27/32x2-7/16				*1.5 0.14	
X 7.76					3.0 0.29						
X 6.00					4.0 0.44	5-5/8 x 5.25					2.6 0.21
X 5.00					4.2 0.44	x 2.75					*2.4 0.43
X 3.20				*2.1 0.41					3.3 0.30	*2.6 0.50	
9-1/4 X 3.75						5-1/2 x 4.00			3.1 0.34		
9 X 3.70						5-5/16x5-5/16				3.1 0.34	
X 3.50			3.4 0.27			x 4.25					3.2 0.33
X 3.00			*2.1 0.45			x 4-1/8					3.2 0.31
						x3-13/16	x 2-9/16				3.4 0.27
8-3/4 X 3.50			3.3 0.45						2.5 0.51	*1.7 0.36	
8-1/2 X 8.50	2.9 0.24	2.5 0.31	2.7 0.26	2.8 0.35		5-1/4 x 3.20			3.0 0.20		
X 6.39	2.1 0.22	2.2 0.24	2.6 0.30	2.8 0.15		x 3.00			2.6 0.34	2.4 0.38	
X 5.67	2.2 0.42	3.0 0.31	3.2 0.27	4.0 0.58							
X 4.86	2.4 0.37	2.8 0.26	3.4 0.69	3.7 0.63		5-3/16 x4-1/16					2.9 0.23
X 4.25	2.7 0.20	3.4 0.25	3.8 0.68	5.2 0.71		x 4.00					3.0 0.18
X 3.60			3.5 0.38								
X 3.40	3.0 0.16	3.4 0.36	4.4 0.69	4.0 1.01		4-1/2 x 4.00				2.9 0.26	
X 3.20				*1.7 0.43	*1.6						
X 3.09	3.0 0.15	3.2 0.27	3.6 0.65	*1.9 0.42		4 x 4.00	2.0 0.31	2.2 0.12	2.4 0.20	2.6 0.19	
X 3.00			*2.3 0.41		*1.6	x 3.20	2.2 0.18	2.4 0.12	2.6 0.11	3.0 0.16	
X 2.83	2.0 0.34	2.3 0.36	*1.8 0.91	*2.2 0.23	*2.0	x 2.67	2.2 0.30	2.6 0.13	2.8 0.20	3.1 0.16	
X 2.75					*2.5	x 2.29	2.2 0.14	2.6 0.14	*2.3 0.32	*2.1 0.52	
X 2.62	2.9 0.24	2.9 0.60	*2.2 0.50	*2.2 0.27		x 2.00	2.1 0.13	*1.8 0.27	*1.5 0.05	*1.7 0.05	
X 2.13	*1.7 0.80	*2.0 0.36	*1.8 0.30	*2.2 0.40		x 1.60	*1.3 0.56	*1.3 0.16	*1.4 0.23	*1.7 0.05	
8-1/4 X 3.50			3.9 0.48			x 1.45	*1.0 0.45	*1.3 0.34	*1.5 0.42	*1.7 0.07	
X 3.38					*2.2	x 1.33	*1.3 0.33	*1.3 0.25	*1.5 0.23	*1.7 0.12	
						x 1.23	*1.3 0.24	*1.5 0.34	*1.6 0.28	*1.6 0.65	
						x 1.00	*1.3 0.18	*1.6 0.50	*1.9 0.63	*2.1 0.54	
8-1/16 X3-9/16					*2.1						
8 X 5.25			3.3 0.33	3.8 0.36	4.3 0.49	NOTE: IF PAPER WIEGHT IS UNKNOWN, MEASURE ONE POUND OF LEAFLETS, MULTIPLY THE AREA (LENGTH X WIDTH) OF ONE LEAFLET BY THE NUMBER OF LEAFLETS IN ONE POUND, CHOOSE THE PAPER WEIGHT LISTED BELOW THAT MOST NEARLY EQUALS YOUR ANSWER: 20,778 FOR 9 LB PAPER 14,385 FOR 13 LB PAPER 11,875 FOR 16 LB PAPER 9,350 FOR 20 LB PAPER 7,917 FOR 60 LB PAPER					
X 3.50			4.9 0.45		*2.4						
X 3.00			2.4 0.51								
X 2-7/8			*2.1 0.51								
X 2-3/4			*2.4 0.65								
X 2-5/8			*1.5 0.18								
X 2.50			*2.2 0.36								