

MODIFIED CARP SOLUTION

DATE (YYYYMMDD)		NAVIGATOR'S NAME(Print)			TYPE LOAD/WEIGHT			
DZ NAME		ORGANIZATION			USABLE DROP ZONE LENGTH/TIME (SEC)			
N		NAVIGATOR'S SIGNATURE			PI ELEVATION			
S					TURN DELAY (SEC)			
E		STANDARD AND MODIFIED			MAGNETIC COURSE			
W					FACTORS	RATE OF FALL		
1	DROP ALTITUDE				VERTICAL DISTANCE			
2	TERRAIN ELEVATION	+			TIME OF FALL CONSTANT			
3	TRUE ALTITUDE				EXIT TIME			
4	PRESSURE ALTITUDE VARIATION	+			DECELERATION QUOTIENT	+		
5	PRESSURE ALTITUDE				FORWARD TRAVEL TIME			
6	CORRECTED DROP ALTITUDE	B			FORWARD TRAVEL DISTANCE	C		
7	TERRAIN ELEVATION	+			ALTIMETER SETTING			
8	INDICATED ALTITUDE				TRUE ALTITUDE TEMPERATURE			
					BALLISTIC WIND			
					DRIFT EFFECT	D		

AF IMT 4013, 19971101, V2

REPLACES AMC FORM 511, APR 93, WHICH IS OBSOLETE..

A	$\frac{29.92}{\left(\frac{\text{TEMPERATURE}}{\text{PRESSURE ALTITUDE}} - \frac{29.92}{\text{CORRECTED DROP ALTITUDE}}\right)}$				SURFACE WIND			
B	$\frac{\text{TEMPERATURE}}{\text{PRESSURE ALTITUDE}} = \frac{\text{DROP ALTITUDE}}{\text{(CORRECTED DROP ALTITUDE)}}$ <p align="center">(ALTITUDE WINDOW)</p>				MEAN EFFECTIVE SIND			
C	$\frac{\text{GROUNDSPEED}}{2.78 (1.94)} = \frac{\text{(FORWARD TRAVEL DISTANCE)}}{\text{FORWARD TRAVEL TIME}}$				ALTITUDE WIND			
	AIRCRAFT	GROUNDSPEED	LOAD	FTD YDS (MTRS)	ADJUSTMENT	BALLISTIC WIND USED (M) (I)		
	ALL AIRCRAF	140 KTS	PER	250 (230)	2	GROUND SPEED (C) (N) (S)		
			SATB	160 (145)	1	DRIFT (C) (N) (S)		
	C-130	140 KTS	HE	500 (460)	3	GREEN LIGHT TIME (A) (S) (V) (Z)		
			FS737 CDS	550 (500)	4	LEAD'S RAW CIRCULAR ERROR		
	C-141	155 KTS	HE	700 (640)	5	TOT		
			FS 1400 CDS	750 (690)	5	FORMATION POSITION (S) (V)		
	C-5	155 KTS	HE	800 (735)	6	RAW CIRCULAR ERROR		
D	$\text{DRIFT} = K (\text{DROP ALTITUDE}/100) (\text{WIND VELOCITY})$ <p align="center">K = 3.0 PER, 2.4 SATB, 1.5 CDS OR HE</p>				CORRECTED CIRCULAR ERROR			

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(REVERSE)

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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).