

DESCENT TABLE 99028

RATE OF DESCENT TABLE

A rate of descent table is provided for use in planning and executing precision descents under known or approximate ground speed conditions. It will be especially useful for approaches when the localizer only is used for course guidance. A best speed, power, altitude combination can be programmed which will result in a stable glide rate and altitude favorable for executing a landing if minimums exist upon breakout. Care should always be exercised so that minimum descent altitude and missed approach point are not exceeded.

ANGLE OF DESCENT (degrees and tenths)	FEET /NM	GROUND SPEED (knots)											
		30	45	60	75	90	105	120	135	150	165	180	
2.0	210	105	160	210	265	320	370	425	475	530	585	635	
2.5	265	130	200	265	330	395	465	530	595	665	730	795	
2.7	287	143	215	287	358	430	501	573	645	716	788	860	
2.8	297	149	223	297	371	446	520	594	669	743	817	891	
2.9	308	154	231	308	385	462	539	616	693	769	846	923	
3.0	318	159	239	318	398	478	557	637	716	796	876	955	
3.1	329	165	247	329	411	494	576	658	740	823	905	987	
3.2	340	170	255	340	425	510	594	679	764	849	934	1019	
3.3	350	175	263	350	438	526	613	701	788	876	963	1051	
3.4	361	180	271	361	451	541	632	722	812	902	993	1083	
3.5	370	185	280	370	465	555	650	740	835	925	1020	1110	
4.0	425	210	315	425	530	635	740	845	955	1060	1165	1270	
4.5	475	240	355	475	595	715	835	955	1075	1190	1310	1430	
5.0	530	265	395	530	660	795	925	1060	1190	1325	1455	1590	
5.5	580	290	435	580	730	875	1020	1165	1310	1455	1600	1745	
6.0	635	315	475	635	795	955	1110	1270	1430	1590	1745	1950	
6.5	690	345	515	690	860	1030	1205	1375	1550	1720	1890	2065	
7.0	740	370	555	740	925	1110	1295	1480	1665	1850	2035	2220	
7.5	795	395	595	795	990	1190	1390	1585	1785	1985	2180	2380	
8.0	845	425	635	845	1055	1270	1480	1690	1905	2115	2325	2540	
8.5	900	450	675	900	1120	1345	1570	1795	2020	2245	2470	2695	
9.0	950	475	715	950	1190	1425	1665	1900	2140	2375	2615	2855	
9.5	1005	500	750	1005	1255	1505	1755	2005	2255	2510	2760	3010	
10.0	1055	530	790	1055	1320	1585	1845	2110	2375	2640	2900	3165	
10.5	1105	555	830	1105	1385	1660	1940	2215	2490	2770	3045	3320	
11.0	1160	580	870	1160	1450	1740	2030	2320	2610	2900	3190	3480	
11.5	1210	605	910	1210	1515	1820	2120	2425	2725	3030	3335	3635	
12.0	1260	630	945	1260	1575	1890	2205	2520	2835	3150	3465	3780	

VERTICAL APPROACH ANGLE

16 DEC 2010 to 13 JAN 2011

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Figure 1-19. Descent rate table.