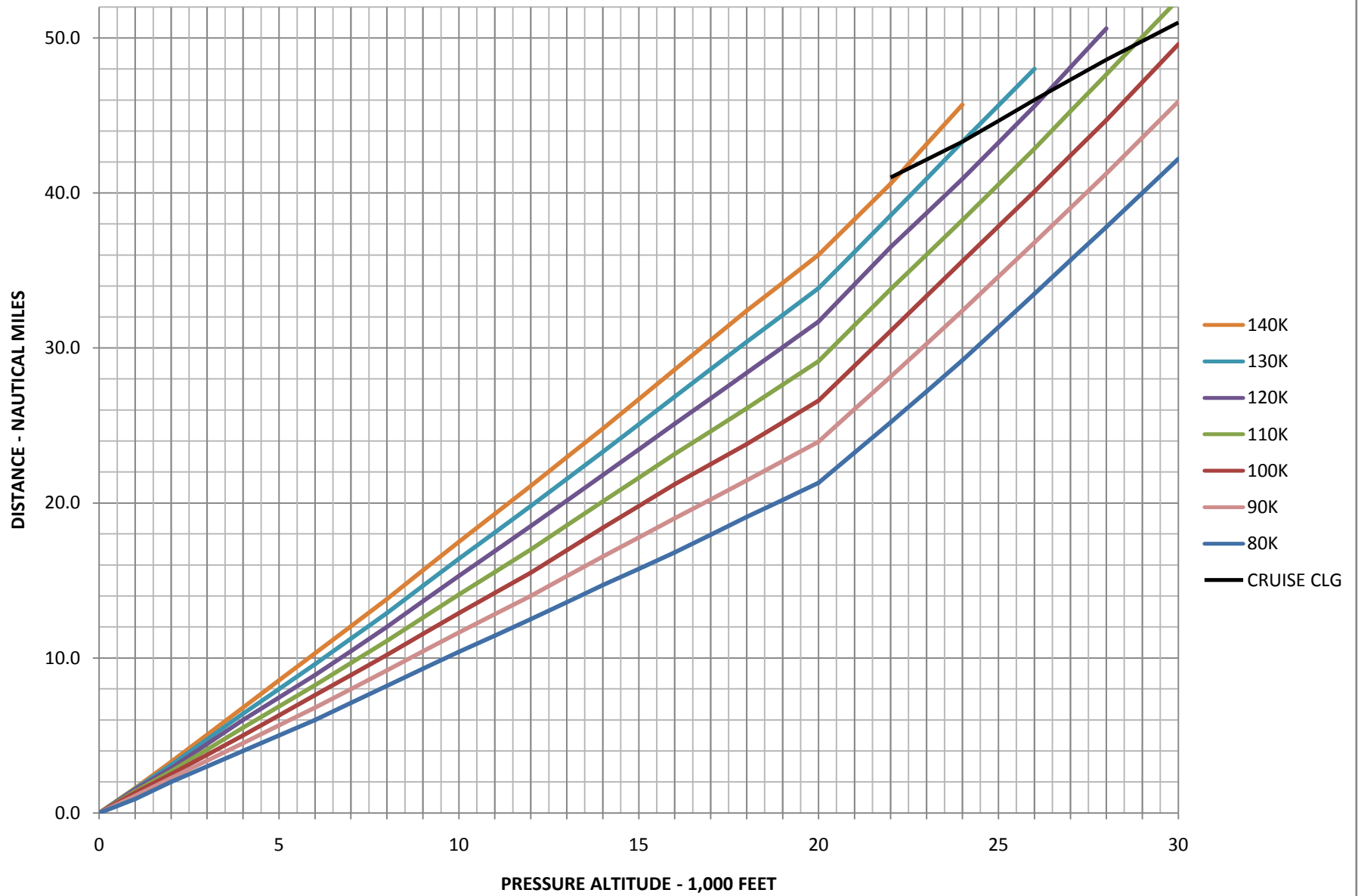


# C-130E PENETRATION DESCENT



80K	ENDING ALTITUDE										
	10	9	8	7	6	5	4	3	2	1	SL
30	31.8	32.9	34.0	35.1	36.2	37.2	38.2	39.2	40.2	41.3	42.2
29	29.6	30.7	31.8	32.9	34.0	35.0	36.0	37.0	38.0	39.1	40.0
28	27.4	28.5	29.6	30.7	31.8	32.8	33.8	34.8	35.8	36.9	37.8
27	25.3	26.4	27.5	28.6	29.7	30.7	31.7	32.7	33.7	34.8	35.7
26	23.1	24.2	25.3	26.4	27.5	28.5	29.5	30.5	31.5	32.6	33.5
25	21.0	22.1	23.2	24.3	25.4	26.4	27.4	28.4	29.4	30.5	31.4
24	18.8	19.9	21.0	22.1	23.2	24.2	25.2	26.2	27.2	28.3	29.2
23	16.8	17.9	19.0	20.1	21.2	22.2	23.2	24.2	25.2	26.3	27.2
22	14.8	15.9	17.0	18.1	19.2	20.2	21.2	22.2	23.2	24.3	25.2
21	12.9	14.0	15.1	16.2	17.3	18.3	19.3	20.3	21.3	22.4	23.3
20	10.9	12.0	13.1	14.2	15.3	16.3	17.3	18.3	19.3	20.4	21.3
19	9.8	10.9	12.0	13.1	14.2	15.2	16.2	17.2	18.2	19.3	20.2
18	8.7	9.8	10.9	12.0	13.1	14.1	15.1	16.1	17.1	18.2	19.1
17	7.6	8.7	9.8	10.9	12.0	13.0	14.0	15.0	16.0	17.1	18.0
16	6.4	7.5	8.6	9.7	10.8	11.8	12.8	13.8	14.8	15.9	16.8
15	5.4	6.5	7.6	8.7	9.8	10.8	11.8	12.8	13.8	14.9	15.8
14	4.3	5.4	6.5	7.6	8.7	9.7	10.7	11.7	12.7	13.8	14.7
13	3.2	4.3	5.4	6.5	7.6	8.6	9.6	10.6	11.6	12.7	13.6
12	2.1	3.2	4.3	5.4	6.5	7.5	8.5	9.5	10.5	11.6	12.5
11	1.1	2.2	3.3	4.4	5.5	6.5	7.5	8.5	9.5	10.6	11.5
10		1.1	2.2	3.3	4.4	5.4	6.4	7.4	8.4	9.5	10.4
9			1.1	2.2	3.3	4.3	5.3	6.3	7.3	8.4	9.3
8				1.1	2.2	3.2	4.2	5.2	6.2	7.3	8.2
7					1.1	2.1	3.1	4.1	5.1	6.2	7.1
6						1.0	2.0	3.0	4.0	5.1	6.0
5							1.0	2.0	3.0	4.1	5.0
4								1.0	2.0	3.1	4.0
3									1.0	2.1	3.0
2										1.1	2.0
1											0.9
0											

FT/NM	ENDING ALTITUDE										
	10	9	8	7	6	5	4	3	2	1	0
30	629	638	647	655	663	672	681	689	697	702	711
29	642	651	660	669	676	686	694	703	711	716	725
28	657	667	676	684	692	701	710	718	726	732	741
27	673	683	692	701	708	718	727	735	743	748	757
26	693	702	711	720	727	737	746	754	762	767	776
25	716	726	734	742	750	759	768	776	784	788	797
24	745	754	762	769	776	785	794	802	809	813	822
23	774	782	789	796	802	811	819	826	833	837	846
22	811	818	824	829	833	842	849	856	862	864	873
21	856	860	864	867	870	877	883	889	894	895	903
20	917	917	916	915	915	920	925	929	933	931	939
19	918	917	917	916	915	921	926	930	934	933	941
18	920	918	917	917	916	922	927	932	936	934	942
17	927	925	923	922	921	927	932	936	940	938	947
16	938	933	930	928	926	932	938	942	946	943	952
15	935	930	927	925	923	930	936	941	945	943	952
14	930	926	923	921	920	928	935	940	945	942	952
13	938	930	926	923	921	930	938	943	948	945	956
12	952	938	930	926	923	933	941	947	952	948	960
11	952	930	923	920	917	930	940	947	952	948	961
10		909	909	909	909	926	938	946	952	947	962
9			909	909	909	930	943	952	959	952	968
8				909	909	938	952	962	968	959	976
7					909	952	968	976	980	968	986
6						1000	1000	1000	1000	980	1000
5							1000	1000	1000	976	1000
4								1000	1000	968	1000
3									1000	952	1000
2										909	1000
1											1111
0											

L/D Max: 128 KIAS

90K	ENDING ALTITUDE										
	10	9	8	7	6	5	4	3	2	1	SL
30	34.3	35.5	36.7	37.9	39.1	40.3	41.4	42.5	43.7	44.8	45.9
29	31.9	33.2	34.4	35.6	36.8	37.9	39.1	40.2	41.3	42.5	43.6
28	29.6	30.8	32.1	33.3	34.5	35.6	36.8	37.9	39.0	40.2	41.3
27	27.4	28.6	29.8	31.0	32.2	33.4	34.5	35.7	36.8	37.9	39.0
26	25.2	26.4	27.6	28.8	30.0	31.2	32.3	33.4	34.6	35.7	36.8
25	23.0	24.2	25.4	26.6	27.8	29.0	30.1	31.2	32.4	33.5	34.6
24	20.8	22.0	23.2	24.4	25.6	26.8	27.9	29.0	30.2	31.3	32.4
23	18.6	19.9	21.1	22.3	23.5	24.6	25.8	26.9	28.0	29.2	30.3
22	16.5	17.7	19.0	20.2	21.4	22.5	23.7	24.8	25.9	27.1	28.2
21	14.4	15.6	16.9	18.1	19.3	20.4	21.6	22.7	23.8	25.0	26.1
20	12.3	13.5	14.8	16.0	17.2	18.3	19.5	20.6	21.7	22.9	24.0
19	11.1	12.3	13.5	14.7	15.9	17.1	18.2	19.3	20.5	21.6	22.7
18	9.8	11.0	12.3	13.5	14.7	15.8	17.0	18.1	19.2	20.4	21.5
17	8.6	9.8	11.0	12.2	13.4	14.6	15.7	16.9	18.0	19.1	20.2
16	7.4	8.6	9.8	11.0	12.2	13.4	14.5	15.6	16.8	17.9	19.0
15	6.1	7.4	8.6	9.8	11.0	12.1	13.3	14.4	15.5	16.7	17.8
14	4.9	6.1	7.4	8.6	9.8	10.9	12.1	13.2	14.3	15.5	16.6
13	3.6	4.9	6.1	7.3	8.5	9.6	10.8	11.9	13.0	14.2	15.3
12	2.4	3.6	4.8	6.0	7.2	8.4	9.5	10.6	11.8	12.9	14.0
11	1.2	2.4	3.6	4.8	6.0	7.2	8.3	9.5	10.6	11.7	12.8
10		1.2	2.5	3.7	4.9	6.0	7.2	8.3	9.4	10.6	11.7
9			1.2	2.4	3.6	4.8	5.9	7.1	8.2	9.3	10.4
8				1.2	2.4	3.6	4.7	5.8	7.0	8.1	9.2
7					1.2	2.4	3.5	4.6	5.8	6.9	8.0
6						1.2	2.3	3.4	4.6	5.7	6.8
5							1.2	2.3	3.4	4.6	5.7
4								1.1	2.3	3.4	4.5
3									1.1	2.3	3.4
2										1.2	2.3
1											1.1
0											

FT/NM	ENDING ALTITUDE										
	10	9	8	7	6	5	4	3	2	1	0
30	584	592	599	607	614	621	628	635	641	647	654
29	595	603	611	618	625	633	640	647	653	659	666
28	608	616	624	632	639	646	653	660	667	672	679
27	621	629	637	645	652	659	666	673	680	686	692
26	636	645	652	660	667	674	681	688	695	700	707
25	654	662	669	677	683	691	698	705	711	716	723
24	675	683	690	697	703	710	717	724	730	735	741
23	698	705	712	718	724	731	737	743	749	754	760
22	727	733	739	744	749	756	761	767	772	776	782
21	764	768	772	776	779	784	789	794	798	802	806
20	813	813	814	815	816	820	823	826	829	832	835
19	814	815	815	816	818	821	824	828	831	833	837
18	816	816	816	818	819	823	826	830	833	835	839
17	816	816	816	818	819	823	827	831	834	837	841
16	816	816	816	818	820	824	828	832	836	838	842
15	816	816	816	818	820	825	829	833	837	840	844
14	816	816	816	819	821	826	830	835	839	841	846
13	828	825	823	825	826	831	835	840	845	847	851
12	851	839	833	833	833	838	842	847	851	853	857
11	851	833	828	829	830	836	841	847	851	853	858
10		816	816	822	825	833	839	846	851	853	858
9			816	825	828	838	844	851	856	858	863
8				833	833	845	851	858	863	864	870
7					833	851	857	865	870	870	875
6						870	870	876	879	877	882
5							870	879	882	879	885
4								889	889	882	889
3									889	879	889
2										870	889
1											909
0											

L/D Max: 138 KIAS









