

Descent and VDP Planner

Find VDP

Find the VDP distance	▼ Enter MDA in AGL and see minimum visibility for a 3.5° or 3.0° glidepath ▼														
MDA (AGL) ▶	300	350	400	450	500	550	600	650	700	750	800	900	1000	1200	1500
3.5° VDP (KM) ▶	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.2	2.4	2.7	3.2	4.0
3.0° VDP (KM) ▶	0.9	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.8	3.1	3.8	4.7

Find Time from FAF to VDP

Find Time to go	For Final Approach Distance use FAF dist - VDP dist														
Distance ▶	0.5 KM	1 KM	1.5 KM	2 KM	2.5 KM	3 KM	4 KM	5 KM	6 KM	8 KM	10 KM	15 KM	20 KM	30 KM	40 KM
Gnd Speed ▼	▼ Min:Sec Required (come down from distance above to gnd speed row) ▼														
60 knots	00:30	01:00	01:30	02:00	02:30	03:00	04:00	05:00	06:00	08:00	10:00	15:00	20:00	30:00	40:00
70 knots	00:26	00:51	01:17	01:43	02:09	02:34	03:26	04:17	05:09	06:51	08:34	12:51	17:09	25:43	34:17
80 knots	00:23	00:45	01:07	01:30	01:52	02:15	03:00	03:45	04:30	06:00	07:30	11:15	15:00	22:30	30:00
90 knots	00:20	00:40	01:00	01:20	01:40	02:00	02:40	03:20	04:00	05:20	06:40	10:00	13:20	20:00	26:40
100 knots	00:18	00:36	00:54	01:12	01:30	01:48	02:24	03:00	03:36	04:48	06:00	09:00	12:00	18:00	24:00
110 knots	00:16	00:33	00:49	01:05	01:22	01:38	02:11	02:44	03:16	04:22	05:27	08:11	10:55	16:22	21:49
115 knots	00:16	00:31	00:47	01:03	01:18	01:34	02:05	02:37	03:08	04:10	05:13	07:50	10:26	15:39	20:52
120 knots	00:15	00:30	00:45	01:00	01:15	01:30	02:00	02:30	03:00	04:00	05:00	07:30	10:00	15:00	20:00
130 knots	00:14	00:28	00:42	00:55	01:09	01:23	01:51	02:18	02:46	03:42	04:37	06:55	09:14	13:51	18:28
140 knots	00:13	00:26	00:39	00:51	01:04	01:17	01:43	02:09	02:34	03:26	04:17	06:26	08:34	12:51	17:09
150 knots	00:12	00:24	00:36	00:48	01:00	01:12	01:36	02:00	02:24	03:12	04:00	06:00	08:00	12:00	16:00
160 knots	00:11	00:23	00:34	00:45	00:56	01:07	01:30	01:52	02:15	03:00	03:45	05:37	07:30	11:15	15:00
170 knots	00:11	00:21	00:32	00:42	00:53	01:04	01:25	01:46	02:07	02:49	03:32	05:18	07:04	10:35	14:07
180 knots	00:10	00:20	00:30	00:40	00:50	01:00	01:20	01:40	02:00	02:40	03:20	05:00	06:40	10:00	13:20
190 knots	00:09	00:19	00:28	00:38	00:47	00:57	01:16	01:35	01:54	02:32	03:09	04:44	06:19	09:28	12:38
200 knots	00:09	00:18	00:27	00:36	00:45	00:54	01:12	01:30	01:48	02:24	03:00	04:30	06:00	09:00	12:00
210 knots	00:09	00:17	00:26	00:34	00:43	00:51	01:09	01:26	01:43	02:17	02:51	04:17	05:43	08:34	11:26
220 knots	00:08	00:16	00:25	00:33	00:41	00:49	01:05	01:22	01:38	02:11	02:44	04:05	05:27	08:11	10:55
230 knots	00:08	00:16	00:23	00:31	00:39	00:47	01:03	01:18	01:34	02:05	02:37	03:55	05:13	07:50	10:26
240 knots	00:08	00:15	00:23	00:30	00:38	00:45	01:00	01:15	01:30	02:00	02:30	03:45	05:00	07:30	10:00

Find Descent Rate

Descent Rate (Ft/Min)	For Final Approach rates use FAF alt - MDA alt														
feet to lose ▶	200'	300'	400'	500'	600'	700'	800'	900'	1000'	1500'	2000'	3000'	4000'	6000'	8000'
Min:Sec to go ▼	▼ Ft/Min required ▼														
00:15	800	1200	1600	2000	2400	2800	3200	3600	4000	6000	8000	12000	16000	24000	32000
00:30	400	600	800	1000	1200	1400	1600	1800	2000	3000	4000	6000	8000	12000	16000
00:45	267	400	533	667	800	933	1067	1200	1333	2000	2667	4000	5333	8000	10667
01:00	200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	6000	8000
01:15	160	240	320	400	480	560	640	720	800	1200	1600	2400	3200	4800	6400
01:30	133	200	267	333	400	467	533	600	667	1000	1333	2000	2667	4000	5333
01:45	114	171	229	286	343	400	457	514	571	857	1143	1714	2286	3429	4571
02:00	100	150	200	250	300	350	400	450	500	750	1000	1500	2000	3000	4000
02:30	80	120	160	200	240	280	320	360	400	600	800	1200	1600	2400	3200
03:00	67	100	133	167	200	233	267	300	333	500	667	1000	1333	2000	2667
03:30	57	86	114	143	171	200	229	257	286	429	571	857	1143	1714	2286
04:00	50	75	100	125	150	175	200	225	250	375	500	750	1000	1500	2000
04:30	44	67	89	111	133	156	178	200	222	333	444	667	889	1333	1778
05:00	40	60	80	100	120	140	160	180	200	300	400	600	800	1200	1600
05:30	36	55	73	91	109	127	145	164	182	273	364	545	727	1091	1455
06:00	33	50	67	83	100	117	133	150	167	250	333	500	667	1000	1333
06:30	31	46	62	77	92	108	123	138	154	231	308	462	615	923	1231
07:00	29	43	57	71	86	100	114	129	143	214	286	429	571	857	1143
08:00	25	38	50	63	75	88	100	113	125	188	250	375	500	750	1000
09:00	22	33	44	56	67	78	89	100	111	167	222	333	444	667	889
10:00	20	30	40	50	60	70	80	90	100	150	200	300	400	600	800
11:00	18	27	36	45	55	64	73	82	91	136	182	273	364	545	727
12:00	17	25	33	42	50	58	67	75	83	125	167	250	333	500	667
13:00	15	23	31	38	46	54	62	69	77	115	154	231	308	462	615
14:00	14	21	29	36	43	50	57	64	71	107	143	214	286	429	571
15:00	13	20	27	33	40	47	53	60	67	100	133	200	267	400	533