AD ELEV (ft)	PANS-OPS Circling Radii (Non-SI Units) and Metric Equivalents [NM (km)]				
	Aircraft Categories / Max Circling IAS				
	A / 100 kt	B / 135 kt	C / 180 kt	D / 205 kt	E / 240 kt
0	1.67 (3.09)	2.59 (4.80)	4.11 (7.61)	5.15 (9.53)	6.74 (12.49)
1000	1.69 (3.12)	2.65 (4.91)	4.20 (7.79)	5.27 (9.76)	6.90 (12.78)
2000	1.70 (3.15)	2.71 (5.01)	4.30 (7.97)	5.39 (9.99)	7.07 (13.09)
3000	1.73 (3.21)	2.77 (5.12)	4.40 (8.15)	5.52 (10.22)	7.24 (13.41)
4000	1.77 (3.28)	2.83 (5.24)	4.51 (8.35)	5.65 (10.47)	7.41 (13.73)
5000	1.81 (3.35)	2.89 (5.36)	4.62 (8.55)	5.79 (10.72)	7.60 (14.07)
6000	1.85 (3.42)	2.96 (5.48)	4.73 (8.76)	5.93 (10.98)	7.79 (14.42)
7000	1.89 (3.49)	3.03 (5.61)	4.84 (8.97)	6.08 (11.26)	7.98 (14.78)
8000	1.93 (3.57)	3.10 (5.74)	4.96 (9.19)	6.23 (11.54)	8.18 (15.16)
9000	1.97 (3.65)	3.17 (5.87)	5.09 (9.42)	6.39 (11.83)	8.39 (15.54)
10000	2.01 (3.73)	3.25 (6.02)	5.22 (9.66)	6.55 (12.13)	8.61 (15.94)
11000	2.06 (3.82)	3.33 (6.16)	5.35 (9.91)	6.72 (12.44)	8.83 (16.36)
12000	2.11 (3.90)	3.41 (6.31)	5.49 (10.16)	6.89 (12.77)	9.07 (16.79)
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PANS-OPS Circling Radii (SI Units) [km]					
AD ELEV	**Aircraft Categories / Max Circling IAS**				
(m)	A / 185 km/h	B / 250 km/h	C / 335 km/h	D / 380 km/h	E / 445 km/h
0	3.09	4.79	7.66	9.53	12.50
300	3.12	4.89	7.83	9.75	12.79
600	3.15	5.00	8.01	9.98	13.09
900	3.20	5.11	8.20	10.21	13.40
1200	3.27	5.22	8.39	10.45	13.72
1500	3.33	5.34	8.59	10.70	14.05
1800	3.40	5.46	8.79	10.96	14.40
2100	3.48	5.58	9.01	11.22	14.75
2400	3.55	5.71	9.22	11.50	15.12
2700	3.63	5.84	9.45	11.79	15.50
3000	3.71	5.98	9.69	12.08	15.89
3300	3.79	6.12	9.93	12.39	16.30
3600	3.88	6.27	10.18	12.71	16.72
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AD ELEV (ft)	MIPS Circling Radii (Non-SI Units) and Metric Equivalents [NM (km)]					
	Aircraft Categories / Max Circling IAS					
	A / 100 kt	B / 135 kt	C / 180 kt	D / 205 kt	E / 240 kt	HPMA / 220 kt
0	1.67 (3.09)	2.16 (3.99)	2.78 (5.14)	3.47 (6.42)	4.51 (8.35)	3.55 (6.58)
1000	1.69 (3.12)	2.18 (4.03)	2.84 (5.25)	3.54 (6.56)	4.61 (8.54)	3.64 (6.74)
2000	1.70 (3.15)	2.20 (4.08)	2.90 (5.36)	3.62 (6.71)	4.71 (8.73)	3.73 (6.91)
3000	1.72 (3.19)	2.22 (4.12)	2.96 (5.48)	3.70 (6.86)	4.82 (8.93)	3.82 (7.08)
4000	1.74 (3.22)	2.25 (4.16)	3.03 (5.60)	3.78 (7.01)	4.93 (9.14)	3.92 (7.25)
5000	1.76 (3.25)	2.27 (4.21)	3.09 (5.73)	3.87 (7.17)	5.05 (9.35)	4.01 (7.43)
6000	1.77 (3.29)	2.30 (4.25)	3.16 (5.86)	3.96 (7.34)	5.17 (9.57)	4.12 (7.62)
7000	1.79 (3.32)	2.32 (4.30)	3.24 (6.00)	4.05 (7.51)	5.29 (9.80)	4.22 (7.82)
8000	1.81 (3.36)	2.35 (4.35)	3.31 (6.14)	4.15 (7.68)	5.42 (10.03)	4.33 (8.02)
9000	1.83 (3.39)	2.37 (4.40)	3.39 (6.28)	4.25 (7.87)	5.55 (10.28)	4.44 (8.23)
10000	1.85 (3.43)	2.40 (4.45)	3.47 (6.43)	4.35 (8.06)	5.69 (10.53)	4.56 (8.45)
11000	1.87 (3.47)	2.43 (4.50)	3.56 (6.59)	4.46 (8.26)	5.83 (10.79)	4.68 (8.67)
12000	1.89 (3.51)	2.46 (4.55)	3.64 (6.75)	4.57 (8.46)	5.97 (11.06)	4.81 (8.90)

Rev. 0

MIPS Circling Radii (SI Units) [km]						
AD ELEV	**Aircraft Categories / Max Circling IAS**					
(m)	A / 185 km/h	B / 250 km/h	C / 335 km/h	D / 380 km/h	E / 445 km/h	HPMA / 405 km/h
0	3.09	3.99	5.17	6.42	8.36	6.51
300	3.12	4.03	5.28	6.56	8.54	6.67
600	3.15	4.07	5.40	6.70	8.73	6.83
900	3.18	4.11	5.51	6.85	8.93	6.99
1200	3.22	4.16	5.63	7.00	9.13	7.16
1500	3.25	4.20	5.76	7.16	9.34	7.34
1800	3.28	4.24	5.89	7.32	9.56	7.52
2100	3.32	4.29	6.02	7.49	9.78	7.71
2400	3.35	4.34	6.16	7.66	10.01	7.91
2700	3.39	4.38	6.30	7.84	10.25	8.11
3000	3.42	4.43	6.45	8.03	10.50	8.32
3300	3.46	4.48	6.60	8.22	10.76	8.53
3600	3.50	4.54	6.76	8.42	11.02	8.76