

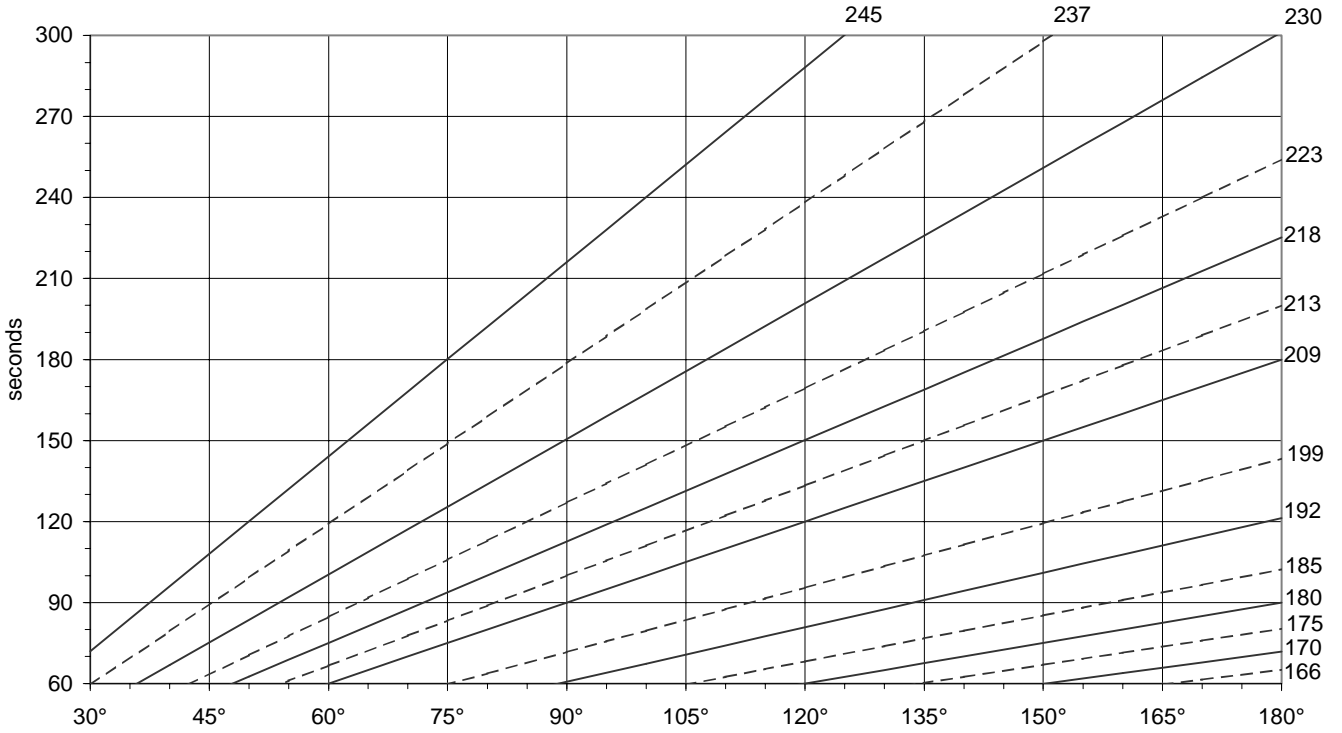
VECTOR MODE PAN/TILT SPEEDS: MAC 500, MAC 600 WITH PTSP SET TO NORM

DMX	%/sec	DMX	%/sec	DMX	%/sec	DMX	%/sec	DMX	%/sec
		51	38.97	101	12.68	151	3.95	201	1.20
		52	38.09	102	12.40	152	3.85	202	1.17
3	114.37	53	37.26	103	12.11	153	3.76	203	1.15
4	111.77	54	36.40	104	11.83	154	3.67	204	1.11
5	109.29	55	35.57	105	11.58	155	3.59	205	1.09
6	107.02	56	34.77	106	11.32	156	3.51	206	1.06
7	104.84	57	33.97	107	11.09	157	3.43	207	1.04
8	102.55	58	33.20	108	10.86	158	3.35	208	1.01
9	100.25	59	32.48	109	10.58	159	3.27	209	0.99
10	98.03	60	31.73	110	10.31	160	3.18	210	0.97
11	95.74	61	31.01	111	10.07	161	3.11	211	0.94
12	93.74	62	30.32	112	9.84	162	3.03	212	0.92
13	91.72	63	29.66	113	9.61	163	2.96	213	0.90
14	89.68	64	28.98	114	9.40	164	2.89	214	0.88
15	87.71	65	28.33	115	9.19	165	2.83	215	0.86
16	85.67	66	27.70	116	9.00	166	2.76	216	0.84
17	83.87	67	27.11	117	8.81	167	2.70	217	0.82
18	82.05	68	26.49	118	8.62	168	2.63	218	0.80
19	80.20	69	25.89	119	8.39	169	2.57	219	0.78
20	78.33	70	25.32	120	8.17	170	2.51	220	0.76
21	76.70	71	24.81	121	7.97	171	2.45	221	0.74
22	75.04	72	24.24	122	7.77	172	2.39	222	0.73
23	73.29	73	23.70	123	7.58	173	2.34	223	0.71
24	71.75	74	23.17	124	7.41	174	2.29	224	0.69
25	70.24	75	22.67	125	7.24	175	2.24	225	0.68
26	68.60	76	22.16	126	7.08	176	2.19	226	0.66
27	67.06	77	21.65	127	6.92	177	2.14	227	0.64
28	65.52	78	21.17	128	6.77	178	2.09	228	0.63
29	64.07	79	20.70	129	6.63	179	2.03	229	0.61
30	62.78	80	20.26	130	6.49	180	1.98	230	0.60
31	61.31	81	19.81	131	6.32	181	1.93	231	0.58
32	60.03	82	19.36	132	6.15	182	1.88	232	0.57
33	58.63	83	18.92	133	6.00	183	1.84	233	0.56
34	57.41	84	18.50	134	5.85	184	1.80	234	0.54
35	56.08	85	18.10	135	5.71	185	1.76	235	0.53
36	54.92	86	17.72	136	5.57	186	1.72	236	0.52
37	53.64	87	17.35	137	5.44	187	1.68	237	0.50
38	52.47	88	16.95	138	5.32	188	1.64	238	0.49
39	51.25	89	16.57	139	5.21	189	1.60	239	0.48
40	50.12	90	16.20	140	5.09	190	1.56	240	0.47
41	48.95	91	15.85	141	4.99	191	1.52	241	0.46
42	47.84	92	15.52	142	4.88	192	1.48	242	0.45
43	46.78	93	15.20	143	4.77	193	1.45	243	0.44
44	45.71	94	14.86	144	4.66	194	1.42	244	0.43
45	44.71	95	14.52	145	4.56	195	1.39	245	0.42
46	43.68	96	14.19	146	4.46	196	1.35		
47	42.73	97	13.88	147	4.37	197	1.32		
48	41.73	98	13.58	148	4.26	198	1.29		
49	40.78	99	13.29	149	4.15	199	1.26		
50	39.90	100	13.02	150	4.05	200	1.23		

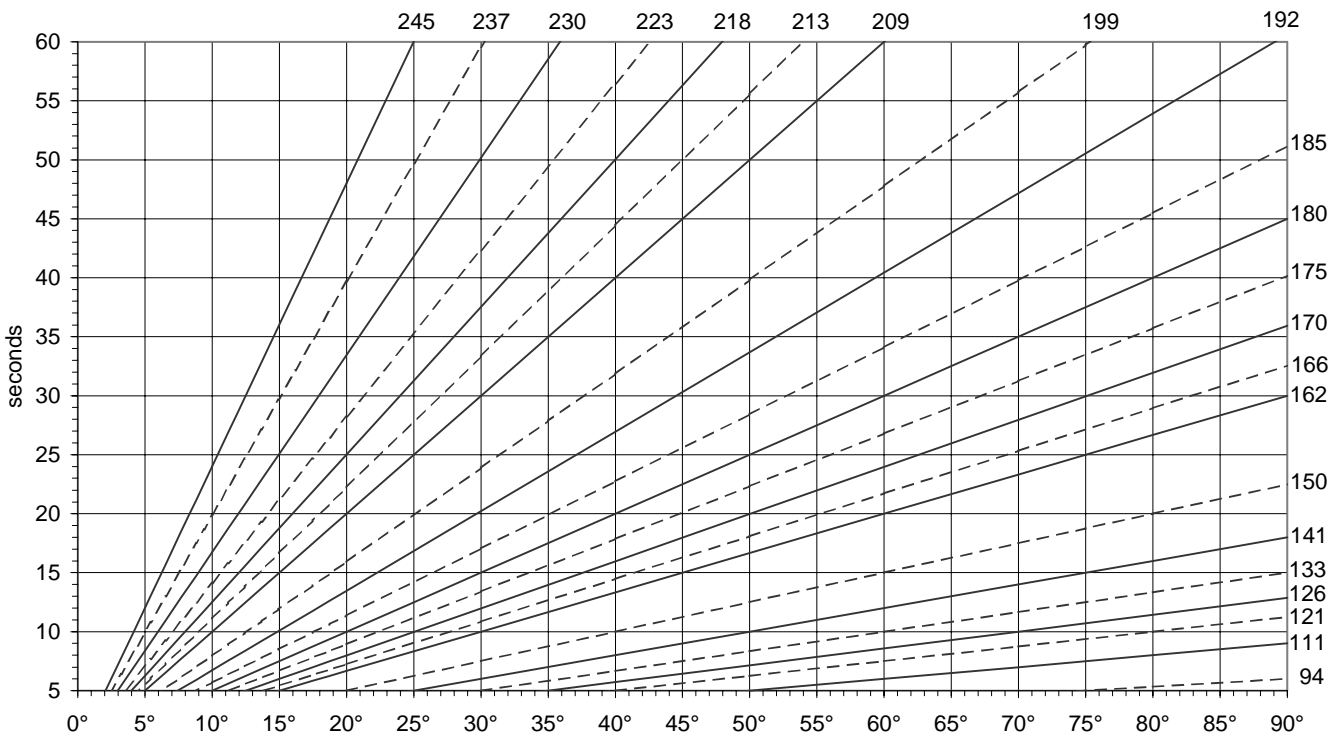
VECTOR MODE PAN/TILT SPEEDS: MAC 600 WITH PTSP SET TO FAST

DMX	%/sec	DMX	%/sec	DMX	%/sec	DMX	%/sec	DMX	%/sec
		51	48.25	101	15.64	151	4.92	201	1.50
		52	47.19	102	15.32	152	4.81	202	1.46
3	140.21	53	46.10	103	14.99	153	4.70	203	1.43
4	137.16	54	45.11	104	14.64	154	4.60	204	1.40
5	134.26	55	44.06	105	14.31	155	4.50	205	1.37
6	131.39	56	43.06	106	13.99	156	4.40	206	1.33
7	128.40	57	42.10	107	13.69	157	4.31	207	1.30
8	125.68	58	41.13	108	13.40	158	4.19	208	1.27
9	123.04	59	40.26	109	13.12	159	4.09	209	1.24
10	120.53	60	39.31	110	12.81	160	3.98	210	1.21
11	117.91	61	38.41	111	12.51	161	3.89	211	1.18
12	115.40	62	37.59	112	12.21	162	3.79	212	1.16
13	112.78	63	36.72	113	11.94	163	3.70	213	1.13
14	110.27	64	35.88	114	11.67	164	3.62	214	1.10
15	107.98	65	35.09	115	11.42	165	3.54	215	1.07
16	105.78	66	34.27	116	11.17	166	3.46	216	1.05
17	103.31	67	33.49	117	10.94	167	3.38	217	1.02
18	101.04	68	32.74	118	10.69	168	3.30	218	1.00
19	98.77	69	32.01	119	10.41	169	3.21	219	0.97
20	96.59	70	31.27	120	10.14	170	3.13	220	0.95
21	94.57	71	30.57	121	9.93	171	3.06	221	0.93
22	92.54	72	29.93	122	9.70	172	2.99	222	0.91
23	90.49	73	29.23	123	9.48	173	2.92	223	0.89
24	88.37	74	28.57	124	9.27	174	2.85	224	0.86
25	86.42	75	27.93	125	9.07	175	2.79	225	0.84
26	84.62	76	27.35	126	8.88	176	2.72	226	0.82
27	82.78	77	26.72	127	8.69	177	2.65	227	0.81
28	80.85	78	26.11	128	8.47	178	2.59	228	0.79
29	79.02	79	25.54	129	8.25	179	2.53	229	0.77
30	77.38	80	25.04	130	8.04	180	2.47	230	0.75
31	75.58	81	24.45	131	7.84	181	2.41	231	0.73
32	73.93	82	23.90	132	7.65	182	2.36	232	0.72
33	72.39	83	23.36	133	7.48	183	2.31	233	0.70
34	70.71	84	22.86	134	7.30	184	2.26	234	0.68
35	69.21	85	22.36	135	7.14	185	2.21	235	0.66
36	67.66	86	21.84	136	6.98	186	2.16	236	0.65
37	66.09	87	21.34	137	6.83	187	2.11	237	0.63
38	64.65	88	20.87	138	6.68	188	2.05	238	0.62
39	63.15	89	20.42	139	6.54	189	2.00	239	0.60
40	61.85	90	19.99	140	6.38	190	1.95	240	0.59
41	60.43	91	19.52	141	6.21	191	1.90	241	0.57
42	59.15	92	19.08	142	6.05	192	1.86	242	0.56
43	57.93	93	18.66	143	5.90	193	1.81	243	0.55
44	56.57	94	18.25	144	5.76	194	1.77	244	0.53
45	55.41	95	17.86	145	5.62	195	1.74	245	0.52
46	54.11	96	17.51	146	5.49	196	1.70		
47	52.87	97	17.10	147	5.37	197	1.66		
48	51.70	98	16.71	148	5.25	198	1.62		
49	50.52	99	16.34	149	5.13	199	1.58		
50	49.39	100	15.99	150	5.04	200	1.53		

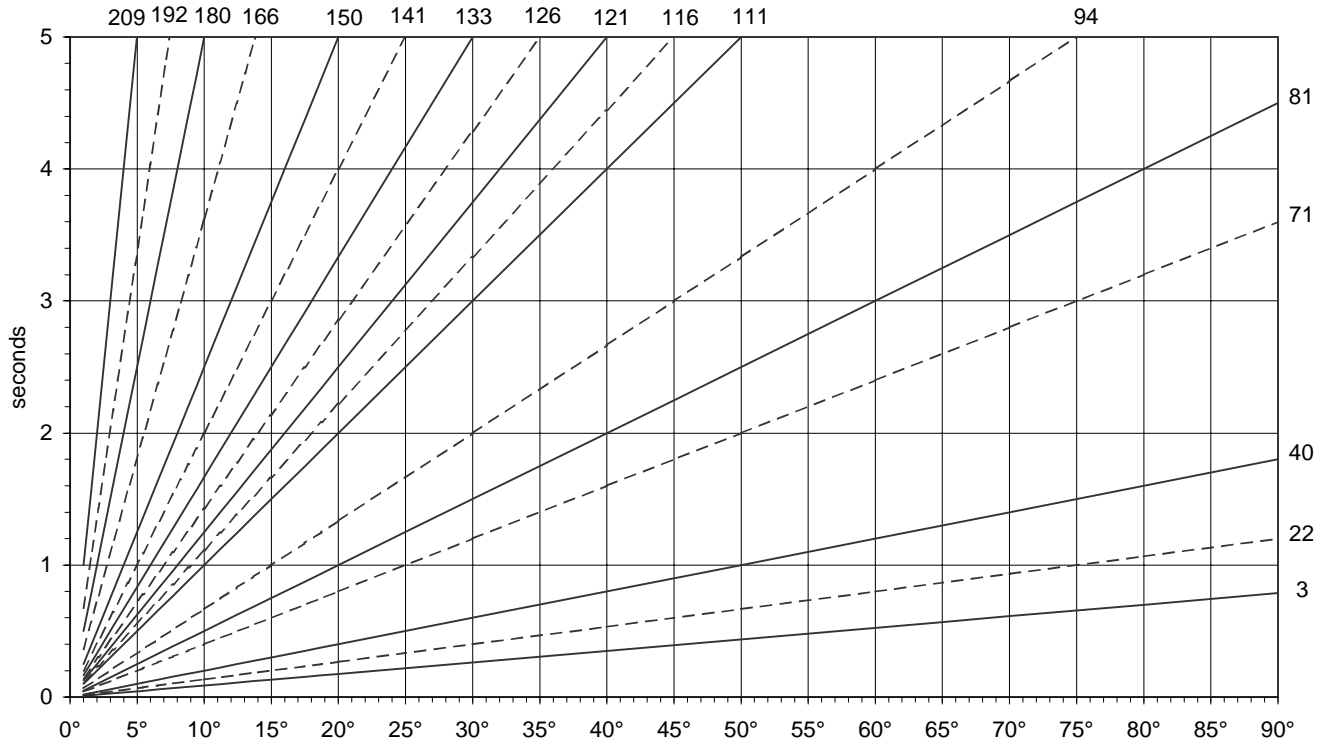
P/T Fade Times: **MAC 500**; **MAC 600 PTSP NORM**



P/T Fade Times: **MAC 500**; **MAC 600 PTSP NORM**



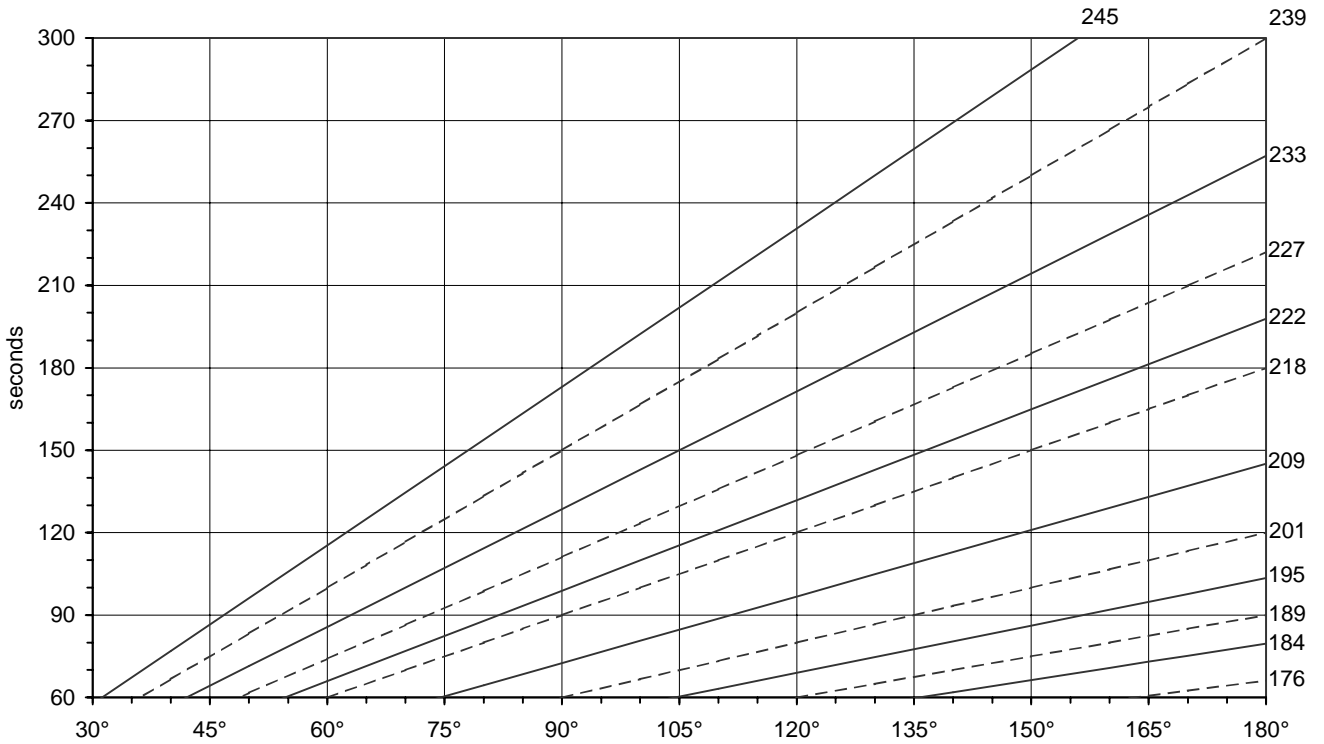
P/T Fade Times: MAC 500; MAC 600 PTSP NORM



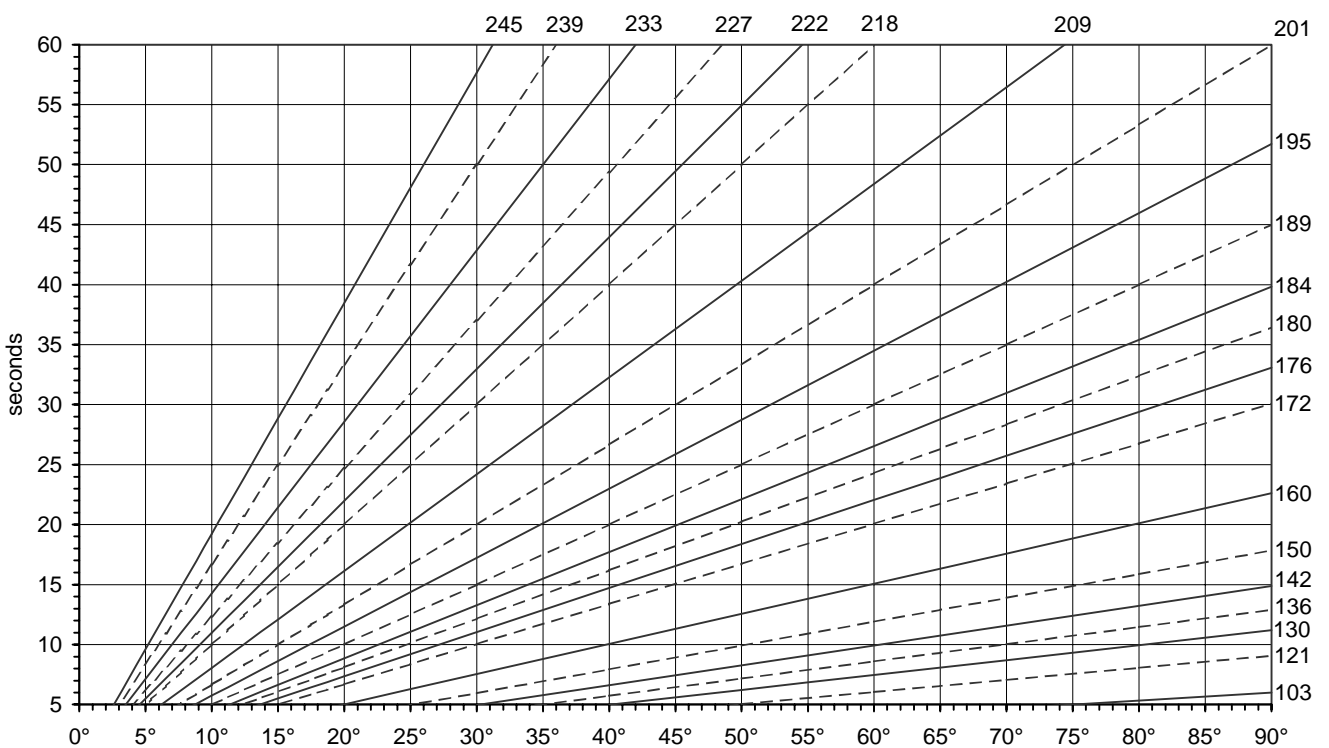
To achieve a specific fade with vector control, set the pan/tilt speed channel to the value shown next to the line that intersects the degrees of pan or tilt and desired fade time. When combining pan and tilt, use the longest movement to set the fade time. Note: these charts do not account for acceleration and therefore are approximate. Accuracy is best at low speed and over long distances.



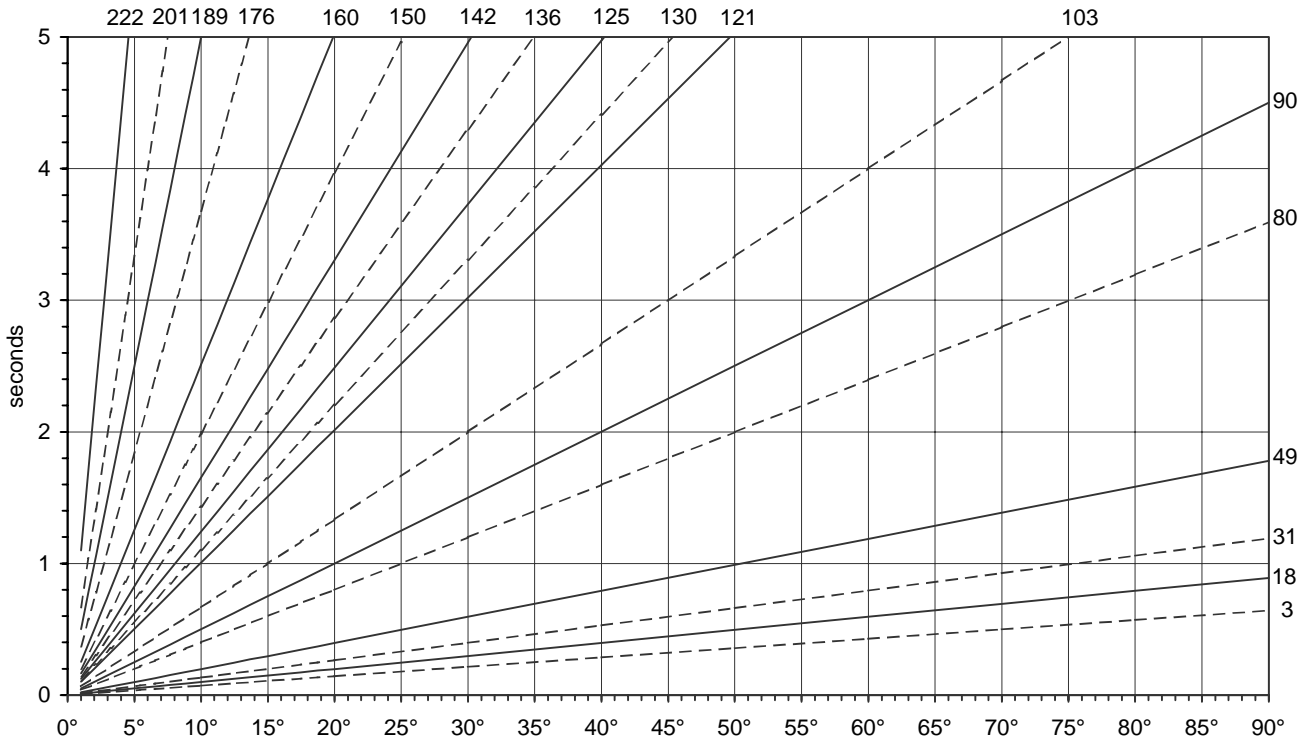
P/T Fade Times: MAC 600 PTSP FAST



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To achieve a specific fade with vector control, set the pan/tilt speed channel to the value shown next to the line that intersects the degrees of pan or tilt and desired fade time. When combining pan and tilt, use the longest movement to set the fade time. Note: these charts do not account for acceleration and therefore are approximate. Accuracy is best at low speed and over long distances.