

**TABLE 1. — ALTITUDE CORRECTION FOR CHANGE IN POSITION OF OBSERVER**

Correction for 4 Minutes of Time																			
Rel. Zn	Ground Speed in Knots																		Rel. Zn
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	
000	+3	+7	+10	+13	+17	+20	+23	+27	+30	+33	+37	+40	+43	+47	+50	+53	+57	+60	000
005	3	7	10	13	17	20	23	27	30	33	37	40	43	46	50	53	56	60	355
010	3	7	10	13	16	20	23	26	30	33	36	39	43	46	49	53	56	59	350
015	3	6	10	13	16	19	23	26	29	32	35	39	42	45	48	52	55	58	345
020	3	6	9	13	16	19	22	25	28	31	34	38	41	44	47	50	53	56	340
025	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	335
030	+3	+6	+9	+12	+14	+17	+20	+23	+26	+29	+32	+35	+38	+40	+43	+46	+49	+52	330
035	3	5	8	11	14	16	19	22	25	27	30	33	35	38	41	44	46	49	325
040	3	5	8	10	13	15	18	20	23	26	28	31	33	36	38	41	43	46	320
045	2	5	7	9	12	14	16	19	21	24	26	28	31	33	35	38	40	42	315
050	2	4	6	9	11	13	15	17	19	21	24	26	28	30	32	34	36	39	310
055	2	4	6	8	10	11	13	15	17	19	21	23	25	27	29	31	33	34	305
060	+2	+3	+5	+7	+8	+10	+12	+13	+15	+17	+18	+20	+22	+23	+25	+27	+28	+30	300
065	1	3	4	6	7	8	10	11	13	14	15	17	18	20	21	23	24	25	295
070	1	2	3	5	6	7	8	9	10	11	13	14	15	16	17	18	19	21	290
075	1	2	3	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	285
080	1	1	2	2	3	3	4	5	5	6	6	7	8	8	9	9	10	10	280
085	+0	+1	+1	+1	+1	+2	+2	+2	+3	+3	+3	+3	+4	+4	+4	+5	+5	+5	275
090	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	270
095	-0	-1	-1	-1	-1	-2	-2	-2	-3	-3	-3	-3	-4	-4	-4	-5	-5	-5	265
100	1	1	2	2	3	3	4	5	5	6	6	7	8	8	9	9	10	10	260
105	1	2	3	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	255
110	1	2	3	5	6	7	8	9	10	11	13	14	15	16	17	18	19	21	250
115	1	3	4	6	7	8	10	11	13	14	15	17	18	20	21	23	24	25	245
120	2	3	5	7	8	10	12	13	15	17	18	20	22	23	25	27	28	30	240
125	-2	-4	-6	-8	-10	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33	-34	235
130	2	4	6	9	11	13	15	17	19	21	24	26	28	30	32	34	36	39	230
135	2	5	7	9	12	14	16	19	21	24	26	28	31	33	35	38	40	42	225
140	3	5	8	10	13	15	18	20	23	26	28	31	33	36	38	41	43	46	220
145	3	5	8	11	14	16	19	22	25	27	30	33	35	38	41	44	46	49	215
150	3	6	9	12	14	17	20	23	26	29	32	35	38	40	43	46	49	52	210
155	-3	-6	-9	-12	-15	-18	-21	-24	-27	-30	-33	-36	-39	-42	-45	-48	-51	-54	205
160	3	6	9	13	16	19	22	25	28	31	34	38	41	44	47	50	53	56	200
165	3	6	10	13	16	19	23	26	29	32	35	39	42	45	48	52	55	58	195
170	3	7	10	13	16	20	23	26	30	33	36	39	43	46	49	53	56	59	190
175	3	7	10	13	17	20	23	27	30	33	37	40	43	46	50	53	56	60	185
180	-3	-7	-10	-13	-17	-20	-23	-27	-30	-33	-37	-40	-43	-47	-50	-53	-57	-60	180

  

Interpolation for Altitude Correction for Less Than 4 Minutes of Time																				
Interval of Time	Value from Tables 1 and 2 (For values greater than 60' see opposite page)																		Interval of Time	
	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54		57
m s	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	m s
0 00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 00
10	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	10
20	0	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4	5	5	5	20
30	0	1	1	2	2	2	3	3	3	3	4	4	5	5	6	6	6	7	7	30
40	1	1	2	2	3	3	4	4	4	5	5	6	6	7	7	8	8	9	9	40
0 50	1	1	2	3	3	4	4	5	5	6	6	7	8	8	9	9	10	11	11	0 50
1 00	1	2	2	3	4	5	5	6	6	7	8	8	9	10	11	11	12	13	14	1 00
10	1	2	3	4	4	5	6	7	7	8	9	10	11	12	13	14	15	16	17	10
20	1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18	20
30	1	2	3	5	6	7	8	9	9	10	11	12	14	15	16	17	18	19	20	30
40	1	3	4	5	6	8	9	10	10	11	13	14	15	16	18	19	20	21	23	40
1 50	1	3	4	6	7	8	10	11	11	12	14	15	17	18	19	21	22	23	25	1 50
2 00	2	3	5	6	8	9	11	12	12	14	15	17	18	20	21	23	24	26	27	2 00
10	2	3	5	7	8	10	11	13	13	15	16	18	20	21	23	24	26	28	29	10
20	2	4	5	7	9	11	12	14	14	16	18	19	21	23	25	26	28	30	32	20
30	2	4	6	8	9	11	13	15	15	17	19	21	23	24	26	28	30	32	34	30
40	2	4	6	8	10	12	14	16	16	18	20	22	24	26	28	30	32	34	36	40
2 50	2	4	6	9	11	13	15	17	17	19	21	23	26	28	30	32	34	36	38	2 50
3 00	2	5	7	9	11	14	16	18	18	20	23	25	27	29	32	34	36	38	41	3 00
10	2	5	7	10	12	14	17	19	19	21	24	26	29	31	33	36	38	40	43	10
20	3	5	8	10	13	15	18	20	20	23	25	28	30	33	35	38	40	43	45	20
30	3	5	8	11	13	16	18	21	21	24	26	29	32	34	37	39	42	45	47	30
40	3	6	8	11	14	17	19	22	22	25	28	30	33	36	39	41	44	47	50	40
3 50	3	6	9	12	14	17	20	23	23	26	29	32	35	37	40	43	46	49	52	3 50
4 00	3	6	9	12	15	18	21	24	24	27	30	33	36	39	42	45	48	51	54	4 00

Time of fix (tab 1) or computation (tab 2)	Sign from 4-min. Table	To observed altitude	To tabulated altitude	To intercept
Later than observation	+	Add	Subtract	Toward
	-	Subtract	Add	Away
Earlier than observation	+	Subtract	Add	Away
	-	Add	Subtract	Toward