

STADIA SURVEY NOTES

AREA N.P.R. 4 ZONE A STATE or PROVINCE ALASKA PAGE No. 35
 LINE No.(s) 74-4 PARTY No. 05 DATE 11 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR DESTARLA 19 RODMAN F. Edgington WEATHER: Clear Mild P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1		<u>TAKOFF</u>		<u>BRAM</u>		<u>STATION</u>	<u>LL</u>	<u>VD</u>		<u>Eleva</u>		<u>13°</u>				
2																<u>Bad Heat waves</u>
3																
4	<u>N.E 2640</u>	<u>✓</u>				<u>T</u>	<u>113</u>	<u>-132</u>				<u>11.1</u>		<u>Δ</u>		
5				<u>89°50'</u>					<u>57</u>	<u>-7.7</u>	<u>-1.9</u>			<u>Δ</u>		
6									<u>50</u>		<u>-2.0</u>			<u>Δ</u>		
7	<u>2305</u>	<u>✓</u>							<u>32</u>		<u>-5.0</u>		<u>7.9</u>	<u>⊙</u>	<u>SP 17</u>	
8				<u>89°50'</u>					<u>10.1</u>	<u>+6.7</u>	<u>-3.2</u>			<u>⊙</u>		
9	<u>N.W 2640</u>	<u>✓</u>							<u>50</u>		<u>-3.4</u>		<u>12.9</u>	<u>⊙</u>		
10				<u>89°50'</u>					<u>12.8</u>	<u>-7.7</u>	<u>15.0</u>			<u>⊙</u>		
11		<u>1320</u>							<u>42</u>		<u>15.1</u>			<u>⊙</u>	<u>SP 16</u>	
12		<u>0</u>							<u>50</u>		<u>-4.2</u>		<u>8.7</u>	<u>⊙</u>	<u>SP 15</u>	
13		<u>1920</u>							<u>63</u>		<u>7.9</u>		<u>6.6</u>	<u>⊙</u>	<u>SP 14</u>	
14	<u>S.E 2640</u>	<u>✓</u>							<u>54</u>		<u>-6.3</u>		<u>7.5</u>	<u>⊙</u>	<u>SP 13</u>	
15				<u>89°50'</u>					<u>130</u>	<u>+7.7</u>	<u>-5.4</u>			<u>⊙</u>		
16	<u>N.W 2640</u>	<u>✓</u>							<u>22</u>		<u>12.6</u>		<u>9.7</u>	<u>⊙</u>		
17				<u>89°50'</u>					<u>10.3</u>	<u>-7.7</u>	<u>-5.3</u>			<u>⊙</u>		
18		<u>1320</u>							<u>59</u>		<u>12.2</u>		<u>7.7</u>	<u>Δ</u>	<u>SP 12</u>	
19		<u>0</u>							<u>50</u>		<u>-5.4</u>		<u>4.3</u>	<u>⊙</u>	<u>SP 11</u>	
20		<u>1320</u>							<u>51</u>		<u>-5.0</u>		<u>4.7</u>	<u>⊙</u>	<u>SP 10</u>	
									<u>51</u>		<u>-5.1</u>		<u>4.6</u>	<u>⊙</u>	<u>SP 10</u>	

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STADIA SURVEY NOTES

AREA NPR4 ZONE A STATE or PROVINCE ALASKA PAGE No. 34
 LINE No.(s) 74-4 PARTY No. 185 DATE 4 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR DESTARLAIS RODMAN F. Edgington WEATHER: Clear Mild P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1											37					
2	SE	2640	/					5'		-5'		44	0	SP 9		
3			/	89° 50'				127	+7.7	-50			0			
4	NW	2640	/					9.3		+9.3	139		Δ			
5			/	90° 11'				1.8	+7.7	+9.5			Δ			
6		1320	/					80		-80		5.9		SP 8		
7		0	/					50		-50		8.9		SP 7		
8		1320	/					50		-5.3		8.6		SP 6		
9	SE	2640	/					50		-5.8		8.1	0	SP 5		
10			/	89° 50'				135	+7.7	-5.8			0			
11	N.W	1320	/					80		+80	16.1		Δ			
12			/	90° 00'				42	+30	+8.0			Δ			
13		0	/					50		-50		11.1		SP 4		
14		1320	/					29		-7.4		8.7		SP 3		
15	SE	2640	/					10.1		-10.1		6.0	0	SP 2		
16			/	90° 10'				26	-7.7	+10.3			0			
17	N.W	1320	/					43		+4.3	10.3		Δ			
18		1320	/	89° 50'				8.1	-3.8	+4.3			Δ			
19		0	/					50		-50		5.3		SP 1		
20		257	/					4.4		-4.4		5.9	0		Linda	

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 89 40

STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 38
 LINE No.(s) 74-4 PARTY No. 195 DATE 11 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR R. DASTARLAK RODMAN F. Edgington WEATHER: Clear Mild P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1																
2																
3																
4	SE	2640	/					7.0		+4.0	11.9					
5		✓		89°50'				11.8	-7.7	+4.1						
6		1320	/					6.6		-6.4		5.3		SP 18		
7		0	/					5.0		-5.0		6.3		SP 19		
8		1320	/					5.7		-5.7		6.2		SP 20		
9		2410	/					6.8		-6.8		5.1		SP 20 74-9 Tie		
10		✓		89°50'				13.9	+7.0	+6.9		3.9		see P. 34 Mistake 1.7 High		
11	NW	2080	/					6.8		-6.8		5.1		4. INT Line 74-9		
12		✓		89°50'				12.8	+6.0	-6.8				" 74-9		
13		0	/							-5.0						
14		229	/					5.6		-5.4		6.3		SP 21-74-9		
15	SE	570	/					6.1		+6.1	11.2					
16		✓		89°50'				7.8	-1.7	+6.1						
17		0	/					5.0		-5.0		6.7		SP 21		
18		1320	/					0.2		-0.7		10.5		SP 22		
19		2475	/				7	7.4	+12.4	+5.0		16.2		4 STAT. 100' 02' 10'		
20		✓		89°50'				2.2	+7.2	+5.0						

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STADIA SURVEY NOTES

AREA N.P.R.P. STATE or PROVINCE ALASKA PAGE No. 39
 LINE No.(s) 74-9 PARTY No. 195 DATE 11 Day April Mo. 94 Yr. BOOK No. _____
 SURVEYOR DESTARDA 10 RODMAN P. Edington WEATHER: Clear & Mild P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2	SE	2805				T	9.9	-14.0			-4.1	12.1		Δ		
3		✓		89°50'					8.0	+8.1	-4.1			Δ		
4		2640				T	13.9	+13.2			+0.5	12.6			SP	23
5		1320							2.9		-2.9	9.2			SP	24
6		0							5.2		-5.0	7.1			SP	25
7		1320							7.5		-7.5	4.6			SP	26
8	NW	2640							9.8		-9.8	4.3		0	SP	27
9		✓		90°05'					9.0	-4.0	-8.0			0		
10		1320				B	10.1	+6.6			+16.7	21.0		Δ		
11		✓		90°10'					12.9	+3.8	+16.7			Δ		
12		0							5.9		-5.9	15.1			SP	28
13		1320				B	11.1	-6.6			-17.7	3.3			SP	29
14	NW	2640				B	5.1	-13.2			-18.3	2.7		0	SP	30
15		✓		90°10'					10.8	-7.7	-18.5			0		
16	SE	2640							2.9		+5.9	8.6		Δ		
17		✓		89°50'					12.7	-7.7	+6.0			Δ		
18		1320							5.4		-5.2	3.2			SP	31
19		0							5.0		-5.0	3.4			SP	32
20		1320							2.8		-2.8	5.8			SP	33

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE OR PROVINCE ALASKA PAGE No. 70
 LINE No.(s) 74-4 PARTY No. 105 DATE 11 Day April Mo. 78 Yr. BOOK No. _____
 SURVEYOR R. DEJARLIS RODMAN F. Edgington WEATHER: Clear Mild P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1											8.6					
2	N.W	2140	/					4.5		-4.5		4'	0	SP 34		
3		v		89° 50'				12.2	+7.7	-4.2			0			
4	S.E	2140	/					6.0		+6.0	10.1		0			
5		v		89° 50'				19.7	-7.7	+6.0			0			
6		1320	/					6.9		-6.9		3.2		SP 35		
7		0						5.0		-5.0		5.1		SP 36		
8		2300	/					2.5		-2.5		-7.4	0	STAR. ALIGNING TIC		
9		v		89° 50'				9.2	+6.7	-2.5		6.0	0			
10				TAKEOFF FROM ARCHIVE						Elev			6.4	0	Mistie 1.6 High	
11												6.0	0			
12	N.W	1200	/					3.3		+3.3	9.3		0			
13		v		89° 50'				6.7	+3.5	+3.2			0			
14		0						5.0		-5.0		4.3		SP 37		
15		1320	/					5.0		-5.0		4.3		SP 38		
16	N.W	2640	/					6.3		-6.3		3.0	0	SP 39		
17		v		89° 50'				14.1	+7.7	-6.4			0			
18	S.E	2140	/					2.8		+2.8	5.8		0			
19		v		89° 50'				10.4	-7.7	+2.7			0			
20		1320	/					2.1		-2.1		3.7		SP 40		

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STADIA SURVEY NOTES

AREA N.P.R. 9 Zone A STATE OR PROVINCE ALASKA PAGE No. 41
 LINE No.(s) 79-4 PARTY No. 195 DATE 11 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR E. Desjarlais RODMAN F. Edgington WEATHER: Clear Mild P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												5.8				
2		0									-5°	0.8			SP 41	
3		1320	/								-28	3.0			SP 42	
4	NW	2640	/								-19	3.9	0		SP 43	
5		✓		89° 50'						+7.7	-1.9		0			
6	SE	1320	/	0							+6.8	10.7	Δ			
7		✓		89° 50'						-3.8	+6.8		Δ			
8		0									-5°				OP 44	
9		1320	/								-8.8				SP 45	
10	NW	2640	/								-9.5				SP 46	
11		✓		90° 10'						+7.7	-9.6		0			
12	SE	2640	/								+6.3	7.5	0			
13		✓		89° 50'						-7.7	+6.7		Δ			
14		1320	/								-5.9				SP 47	
15		0									-5°				SP 48	
16		1320	/								-6°				SP 49	
17	NW	2640	/								-6.8				SP 50	
18		✓		89° 50'						+7.7	-6.8		0			
19		2640	/								+8.5	9.2	Δ			
20				89° 55'						-4.0	+8.6		Δ			

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STADIA SURVEY NOTES

AREA N.P.R.4 ZONE A STATE OR PROVINCE ALASKA PAGE No. 42
 LINE No.(s) 74-4 PARTY No. 195 DATE 12 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN F. Edgington WEATHER: Fog Windy Cold P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											92				
2		1320	/					96	-9.6		-0.6		SP 51		
3		0	/					50	-5.0		4.2		SP 52		
4		1320	/					64	-6.4		2.8		SP 53		
5	NW	2640	/					66	-6.6		2.4	0	SP 54		
6		✓		89° 50'				142	+7.7		-6.3	0			
7	SE	2640	/					68			+6.8	94	Δ		
8		✓		89° 50'				145	-7.7		+6.8		Δ		
9		1320	/					38			-3.8		SP 55		
10		0	/					50			-5.0		SP 56		
11		1320	/					63			-6.3		SP 57		
12	NW	1710	/				T 24	26	+8.6		+6.0		15.4	0	STATION Ember
13		✓		89° 48'				39	+9.9		+6.0		16.0	0	
14															Mist too low.
15															
16															Use Ember Elev.
17	SE	1045	/					34	-3.1		-5.7	10.3	Δ		
18		✓		89° 30'				67	-12.1		-5.7		Δ		
19		0	/					50			-5.0		SP 58		
20		1320	/					9.1			-9.1		SP 59		

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STADIA SURVEY NOTES

AREA N.P.R. 4 ZONE A STATE OR PROVINCE ALASKA PAGE No. 48
 LINE No.(s) 74-4 PARTY No. 195 DATE 12 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN F. Edgington WEATHER: Fog Blowing Snow Cold P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												10.3				
2	N.W 2640	/						96		-96		0.7	⊙	SP 60		
3	✓			90° 10'				1.9	-77	-9.6			⊙			
4	S.E 2640	/						8.1		+9.1	9.8		⊙			
5	✓			90° 10'				1.8	+77	+9.1			⊙			
6	1320	/						7.6		-7.6		2.1		SP 61		
7	0							5.0		-5.0		4.8		SP 62		
8	1320	/						5.1		-5.1		4.7		SP 63		
9	N.W 2640	/						6.1		-6.1		3.7	⊙	SP 64		
10	✓			89° 50'				13.8	+77	-6.1		3.7	⊙			
11	S.E 2640	/						5.8		+5.8	9.6		⊙			
12	✓			89° 50'				12.6	-77	+5.9			⊙			
13	1320	/						3.8		-3.8		5.8		SP 65		
14	0							5.0		-5.0		4.4		SP 66		
15	1320	/						1.8		-1.8		7.8		SP 67		
16	N.W 2640	/						9.7		+3.5		13.1	⊙	SP 68		
17	✓			89° 50'				4.2	+77	+3.5			⊙			
18	S.E 2640	/								-3.7	9.4		⊙			
19	✓			89° 40'				11.6	-15.3	-3.7			⊙			
20	1320	/						3.8		-3.8		5.6		SP 69		

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STADIA SURVEY NOTES

AREA 1/4 PR 4 Zone A STATE OR PROVINCE ALASKA PAGE No. 44
 LINE No.(s) 74-4 PARTY No. 195 DATE 13 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN F. Edgington WEATHER: Clear + Mild P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1												94				
2		0							5.0	-5.0		-4.4			SP 70	
3		1320							9.7	-4.7		-4.7			SP 71	
4	NW 2640								4.5	-4.5		4.9			SP 72	
5	✓			89° 50'					12.2	+7.7		-4.3				
6	SE 2640								4.1			+4.1	9.0			
7	✓			89° 50'					11.8	-7.7		+4.1				
8		1320							4.8			-4.8		4.2		SP 73
9		0							5.0			-5.0		4.0		SP 74
10		1320				7	5'	+6.6				+1.0		10.1		SP 75
11	NW 2640			89° 56'					12.1	+7.7		-4.4		4.6		SP 76
12	✓			89° 48'					13.7	+9.2		-4.5				
13	SE 2640								5.5			+5.5	10.1			
14	✓			89° 50'					13.0	-7.7		+5.3				
15		1320							5.9			-5.9		4.2		SP 77
16		0							5.0			-5.0		5.1		SP 78
17		1320							2.8			-2.8		7.3		SP 79
18	NW 2640								2.6			-2.6		7.5		SP 80
19	✓			89° 50'					10.4	+7.7		-2.7				
20																

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 45
 LINE No.(s) 74-9 PARTY No. 195 DATE 13 Day April Mo. 74 Yr. BOOK No. _____
 SURVEYOR DESTARURIS RODMAN E. Edington WEATHER: Clear M.I.D. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	SE	1320										7.5				
3		✓		89.50												
4		0														
5		1155														
6		2475														
7		3895														
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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