

OBSTRUCTION DATA SHEET

**ODS 1233
ANIAK AIRPORT
ANIAK, ALASKA**

DIGITIZED FROM

**OC 1233
SURVEYED JUNE 1991
4TH EDITION**



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OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA Nr. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS (and OC) depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

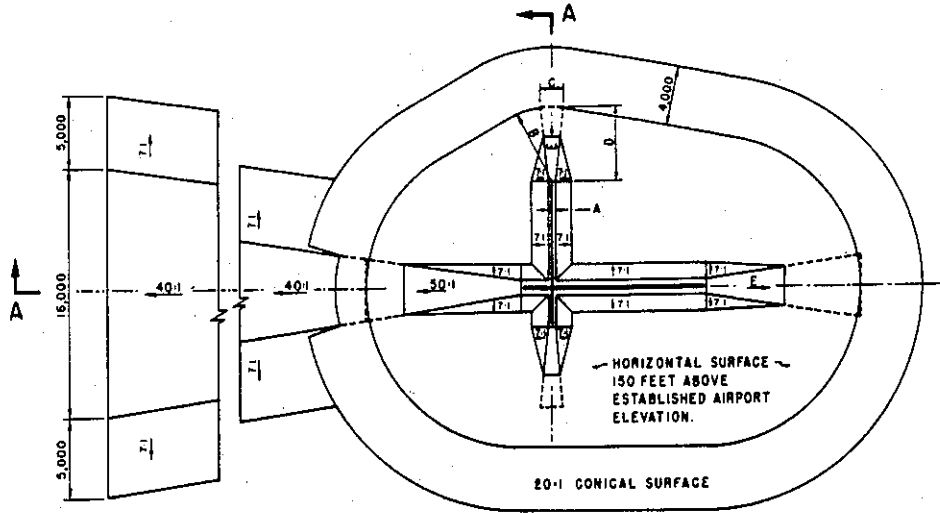
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows (see footnote 2 on page 3):

A(V) Utility runway - visual approach only
 A(NP) Utility runway - nonprecision instrument approach
 B(V) Nonutility runway - visual approach only
 C Nonutility runway - nonprecision instrument approach with
 visibility minimums greater than 3/4 mile
 D Nonutility runway - nonprecision instrument approach with
 visibility minimums as low as 3/4 mile
 PIR Precision instrument runway
 SUPLC ... Supplemental C underlying a B(V)

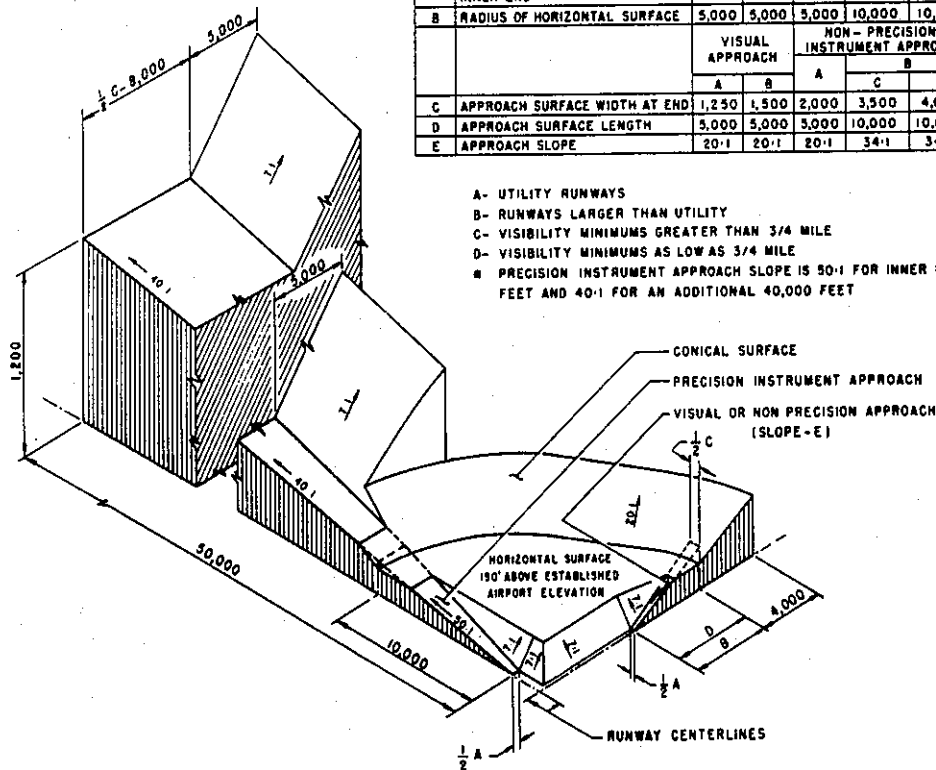
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

- A- UTILITY RUNWAYS
- B- RUNWAYS LARGER THAN UTILITY
- C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
- D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
- * PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

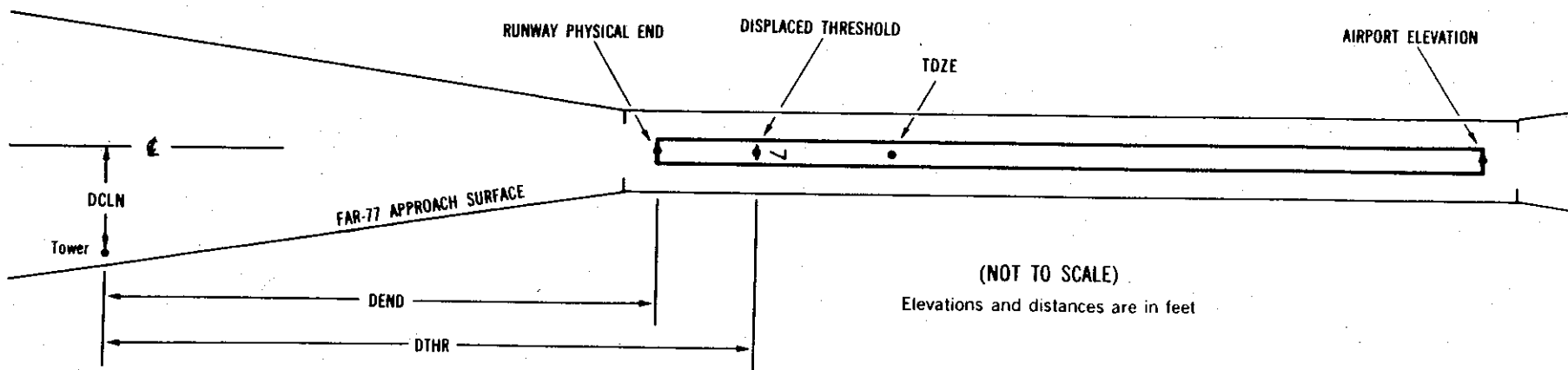
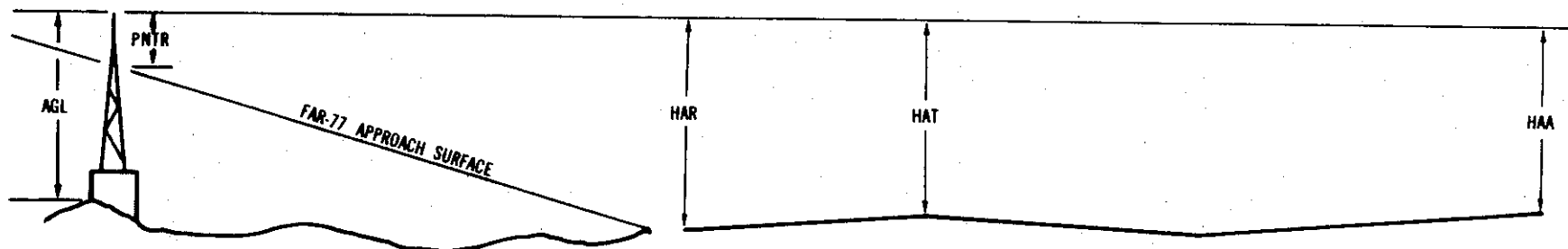
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X ¹	X ²	XXXX/XXXX ³	XXXXXX.XXX ⁴	XXXXXXXX.XXX ⁴	XXXXXXXX ⁵	XXXX/XXXX ⁶	XXXXXX.XXX ⁷	XXXXXXXX.XXX ⁷				
OBJECT	LAT	LONG	A ⁸	ELEV ⁹	AGL ¹⁰	HAR ¹¹	HAT ¹¹	HAA ¹¹	DEND ¹²	DTHR ¹²	DCLN ¹²	PNTR ¹³
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX



(NOT TO SCALE)
Elevations and distances are in feet

EXPLANATION OF FOOTNOTES

- 1 Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary area of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.
- 2 For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)
- 3 Reference runway approach physical end elevation/touchdown zone elevation
- 4 Latitude and longitude of reference runway approach physical end
- 5 Reference runway geodetic azimuth reckoned clockwise from south
- 6 Reference runway displaced threshold elevation/touchdown zone elevation
- 7 Latitude and longitude of reference runway displaced threshold
- 8 Accuracy Code: Horizontal Vertical
 1 = 20 A = 2
 2 = 40 B = 5
 C = 20
- 9 Mean Sea Level (MSL) elevation at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.
- 10 Height above ground level (AGL). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ± 10 feet.
- 11 HAA - Height above airport
 HAR - Height above reference runway approach physical end
 HAT - Height above reference runway touchdown zone elevation
- 12 DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
 DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway threshold
 DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft.
- A negative value for DEND or DTHR indicates object is in primary area on roll-out side of zero distance point.
- 13 PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

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AIRPORT ELEVATION 88

10 PIR 88/88 613511.637N 1593319.509W 3011048

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	D'THR	DCLN	PNTR
POLE	613436.35	1593134.23	1A	121		33	33	33	-6216		427R	33
TREE	613444.55	1593128.10	1A	133		45	45	45	-6038		440L	45
POLE	613437.74	1593137.62	1A	112		24	24	24	-6002		391R	24
FENCE	613443.69	1593130.11	1A	90		2	2	2	-6000		315L	2
POLE	613440.32	1593143.40	1A	106		18	18	18	-5627		312R	18
ROD ON BUILDING	613446.78	1593136.50	1A	126		38	38	38	-5573		423L	38
POLE	613440.00	1593148.27	1A	112		24	24	24	-5442		462R	24
TREE	613448.67	1593139.92	1A	137		49	49	49	-5332		501L	49
VENT ON BUILDING	613450.31	1593145.81	1A	121		33	33	33	-5002		496L	33
ANTIENNA ON POLE	613452.16	1593156.43	1A	131		43	43	43	-4465		390L	43
BUSH	613452.15	1593204.27	1A	93		5	5	5	-4141		193L	5
POLE	613458.46	1593217.00	1A	120		32	32	32	-3281		422L	32
TREE	613502.61	1593230.15	1A	138		50	50	50	-2519		453L	50
TREE	613506.67	1593250.90	1A	113		25	25	25	-1446		285L	25
TREE	613509.74	1593253.93	1A	148		60	60	60	-1159		477L	60
OL ON GLIDE SLOPE	613502.38	1593307.13	1A	136		48	48	48	-999		494R	48
BUSH	613511.94	1593305.02	1A	96		8	8	8	-584		389L	8
TREE	613513.27	1593306.00	1A	114		26	26	26	-474		480L	26
BUSH	613507.06	1593314.27	1A	93		5	5	5	-458		266R	5
BUSH	613515.82	1593317.77	1A	96		8	8	8	148		407L	8
TREE	613516.89	1593318.02	1A	110		22	22	22	215		494L	22
BUSH	613509.76	1593327.86	1A	93		5	5	5	247		372R	4
BUSH	613510.72	1593329.98	1A	97		9	9	9	386		342R	5
TREE	613517.93	1593323.46	1A	99		11	11	11	494		448L	5
ROAD (N)	613511.28	1593334.49	1A	102		14	14	14	601		407R	6
BUSH	613517.31	1593334.47	1A	98		10	10	10	918		118L	-4
BUSH	613513.77	1593345.20	1A	104		16	16	16	1176		458R	-4
TREE	613630.01	1593624.84	1A	343		255	255	255	11792		2172L	15
TREE	613632.65	1593645.17	1A	454		366	366	366	12772		1893L	102
TREE	613642.61	1593659.78	1A	482		394	394	394	13900		2394L	102
GROUND	613633.34	1593820.23	1A	534		446	446	446	16744		423R	82
TREE	613638.01	1593816.96	1A	491		403	403	403	16854		65L	37

OC1233 File Continued from Previous Page

AIRPORT ELEVATION 88

10 PIR 88/88 613511.637N 1593319.509W 3011048

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	613645.54	1593817.48	1A	499		411	411	411	17271		707L	34
TREE	613648.10	1594024.54	2C	631		543	543	543	22666		2244R	31

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AIRPORT ELEVATION 88

28 C 88/88 613441.039N 1593133.479W 1211221

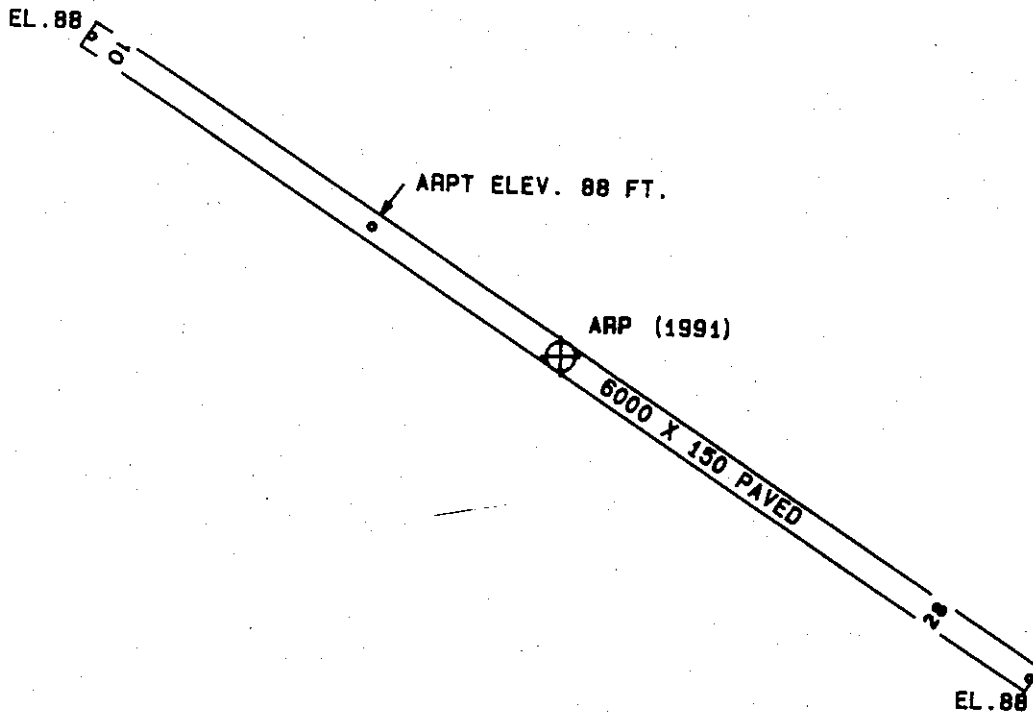
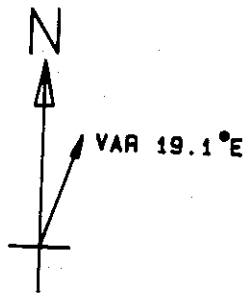
OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	613516.89	1593318.02	1A	110		22	22	22	-6215		494R	22
BUSH	613515.82	1593317.77	1A	96		8	8	8	-6148		407R	8
BUSH	613507.06	1593314.27	1A	93		5	5	5	-5542		266L	5
TREE	613513.27	1593306.00	1A	114		26	26	26	-5526		480R	26
BUSH	613511.94	1593305.02	1A	96		8	8	8	-5416		389R	8
OL ON GLIDE SLOPE	613502.38	1593307.13	1A	136		48	48	48	-5001		494L	48
TREE	613509.74	1593253.93	1A	148		60	60	60	-4841		477R	60
TREE	613506.67	1593250.90	1A	113		25	25	25	-4554		285R	25
TREE	613502.61	1593230.15	1A	138		50	50	50	-3481		453R	50
POLE	613458.46	1593217.00	1A	120		32	32	32	-2719		422R	32
BUSH	613452.15	1593204.27	1A	93		5	5	5	-1859		193R	5
ANTENNA ON POLE	613452.16	1593156.43	1A	131		43	43	43	-1535		390R	43
VENT ON BUILDING	613450.31	1593145.81	1A	121		33	33	33	-998		496R	33
TREE	613448.67	1593139.92	1A	137		49	49	49	-668		501R	49
POLE	613440.00	1593148.27	1A	112		24	24	24	-558		462L	24
ROD ON BUILDING	613446.78	1593136.50	1A	126		38	38	38	-427		423R	38
POLE	613440.32	1593143.40	1A	106		18	18	18	-373		312L	18
FENCE	613443.69	1593130.11	1A	90		2	2	2	0		315R	2
POLE	613437.74	1593137.62	1A	112		24	24	24	2		391L	24
TREE	613444.55	1593128.10	1A	133		45	45	45	38		440R	45
POLE	613436.35	1593134.23	1A	121		33	33	33	216		427L	33
ANTENNA ON TOWER	613435.43	1593131.90	1A	142		54	54	54	361		448L	49
TREE	613442.32	1593121.95	1A	132		44	44	44	410		401R	38
OL ON LOCALIZER	613438.30	1593123.98	1A	97		9	9	9	538		OR	-1
ANTENNA ON BUILDING	613435.69	1593126.33	1A	112		24	24	24	578		285L	13
DME	613439.65	1593120.75	1A	105		17	17	17	600		198R	5
TREE	613440.83	1593118.66	1A	125		37	37	37	625		354R	25
ROAD (N)	613437.85	1593122.04	1A	101		13	13	13	641		10R	1
TREE	613426.50	1593036.20	1A	146		58	58	58	3137		175R	-28
TREE	613422.25	1593025.65	1A	158		70	70	70	3798		70R	-36
TREE	613424.51	1593019.84	1A	162		74	74	74	3919		412R	-35

OC1233

AIRPORT ELEVATION 88

ARP 613456.341N 1593226.487W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE
TREE	613503.46	1593227.36	1A	142		54	337	33	724
TREE	613450.32	1593234.71	1A	146		58	193	57	730
POLE	613449.08	1593222.57	1A	111		23	146	28	762
OL ON BUILDING	613457.75	1593209.06	1A	132		44	61	14	856
TREE	613504.70	1593223.93	1A	143		55	349	12	858
POLE	613456.24	1593248.12	1A	118		30	250	19	1047
TREE	613455.13	1593201.49	1A	125		37	76	42	1216
ANTENNA ON OL TOWER	613450.42	1593248.89	1A	159		71	221	53	1240
OL AND WINDSOCK ON APBN	613444.07	1593210.64	1A	138		50	129	17	1463
POLE	613459.85	1593301.34	1A	114		26	262	50	1725
TREE	613451.37	1593145.75	1A	135		47	85	15	2036
TREE	613458.92	1593309.07	1A	144		56	258	9	2078
TREE	613512.18	1593300.55	1A	136		48	295	11	2303
TREE	613502.74	1593318.42	1A	140		52	265	25	2596
TREE	613437.70	1593146.35	1A	134		46	115	8	2713
TREE	613504.98	1593319.66	1A	114		26	269	44	2720
TREE	613515.72	1593312.91	1A	130		42	292	8	2987
TREE	613507.66	1593333.25	1A	126		38	270	29	3430
TREE	613502.68	1593336.65	1A	162		74	261	38	3457
TREE	613509.75	1593348.86	1A	135		47	269	46	4214
TREE	613606.29	1593347.47	1B	346		258	312	2	8113
TREE	613616.31	1593344.14	1B	446		358	316	5	8949
TREE	613624.70	1593313.20	1B	334		246	326	46	9254
TREE	613518.34	1592912.40	1B	306		218	57	30	9656
GROUND	613630.73	1593332.84	1B	531		443	322	23	10110
TREE	613612.47	1593449.62	1B	345		257	299	4	10381
GROUND	613628.57	1593428.49	1B	382		294	308	42	11072
GROUND	613645.07	1593336.78	1B	601		513	323	47	11554
TREE	613702.78	1593232.50	2C	466		378	339	36	12845
TREE	613658.26	1593456.36	2C	457		369	310	34	14350
TREE	613605.35	1592743.29	2C	518		430	43	47	15393
TREE	613718.48	1593519.27	2C	539		451	310	51	16682
TREE	613707.05	1593602.38	2C	470		382	302	44	16891
TREE	613654.50	1593709.65	2C	593		505	292	9	18212



TOUCHDOWN ZONE	
RUNWAY ELEVATION	
10	88
28	88

ANIAK AIRPORT
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(NOT TO SCALE)