OBSTRUCTION DATA SHEET

ODS 5202
ANOKA COUNTY - BLAINE AIRPORT (JANES FIELD)
MINNEAPOLIS, MINNESOTA

DIGITIZED FROM

OC 5202
SURVEYED 26 JULY 1992
4TH EDITION

HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29

PREPARED AND DISTRIBUTED BY
THE NATIONAL OCEAN SERVICE
U.S. DEPARTMENT OF COMMERCE
FOR THE FEDERAL AVIATION ADMINISTRATION

ATTENTION

See SPECIAL NOTICES in "Dates of Latest Editions, Airport Obstruction Charts - Obstruction Data Sheets," for possible corrections. National Oceanic and Atmospheric Administration (NOAA) publications are available through NOAA Distribution Branch (N/CG33), National Ocean Service, Riverdale, MD 20737. Telephone: 301-436-6990

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 No. 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 the 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 an FAR-77 approach or primary and listed with the associated runway (reference runway).

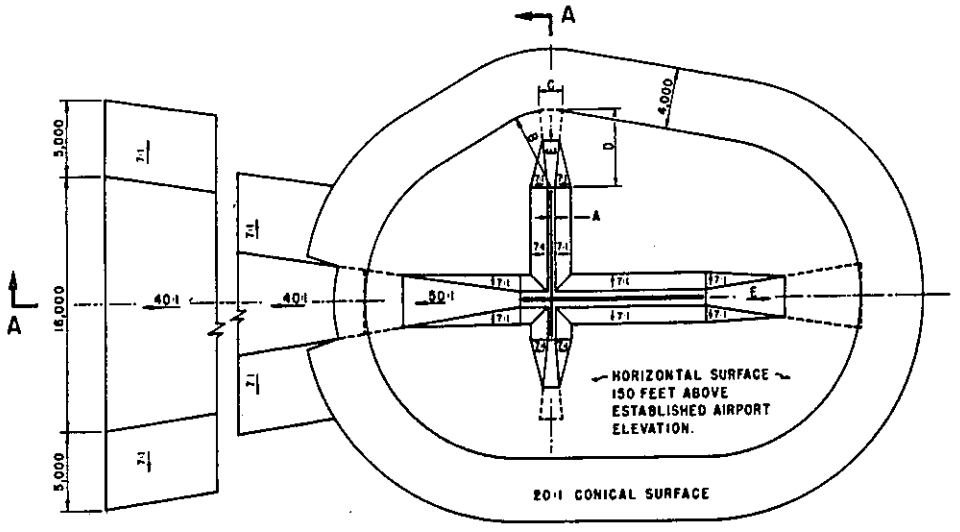
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

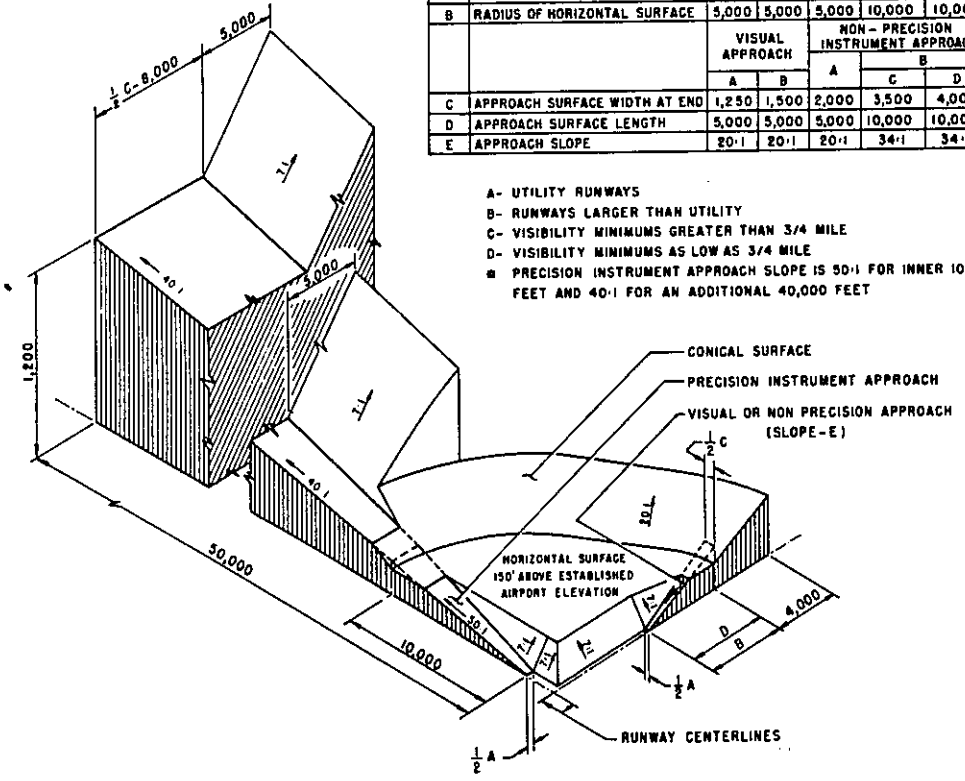
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision 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.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B C	B 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	B C	B 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

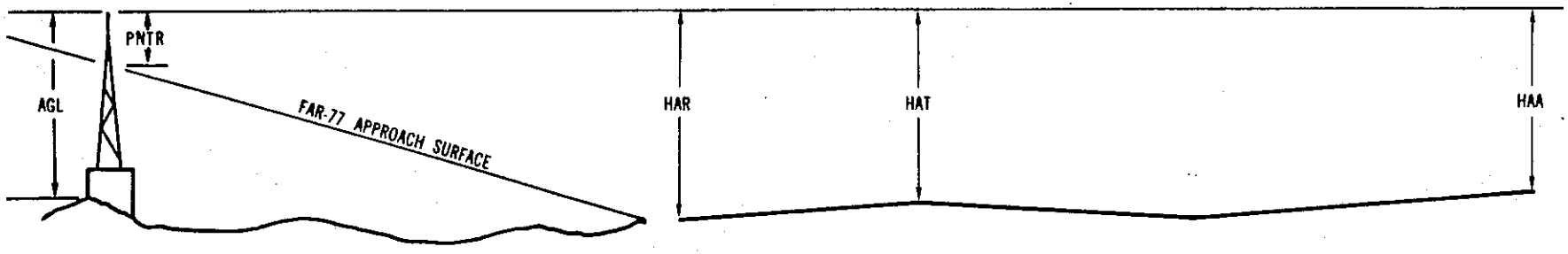
OC XXXX

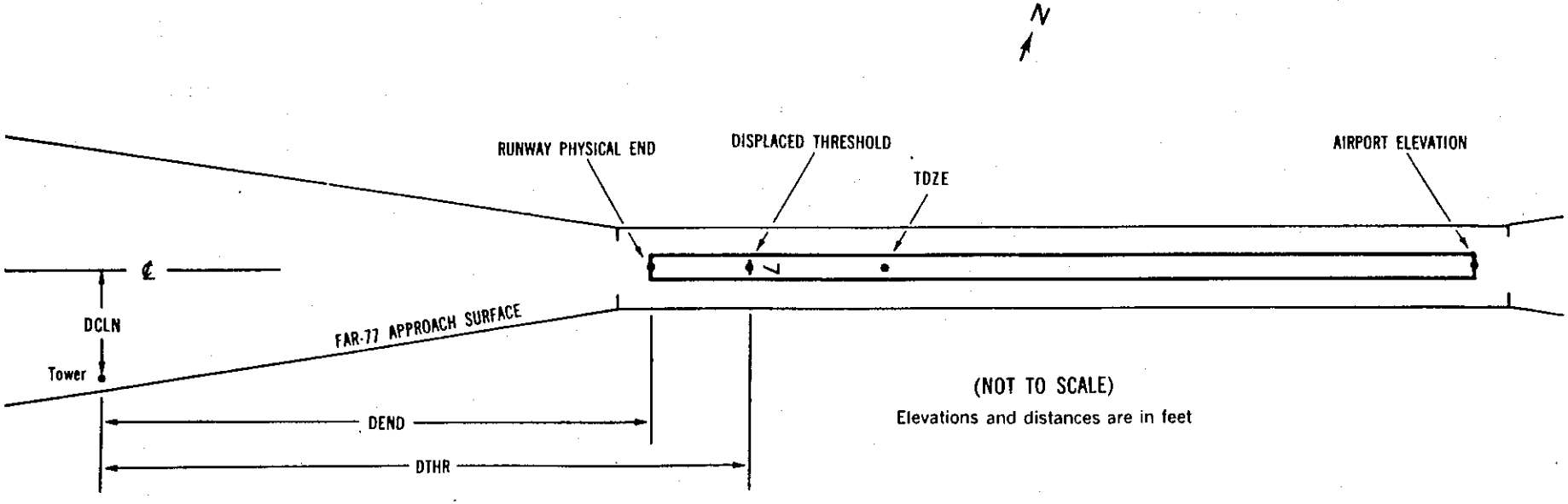
AIRPORT ELEVATION XXXX

X[1] X[2] XXXX/XXXX[3] XXXXXX.XXX[4] XXXXXXX.XXX[4] XXXXXXX[5] XXXX/XXXX[6] XXXXXX.XXX[7] XXXXXXX.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]
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.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 areas 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 Elevation at approach end of reference runway/touchdown zone elevation

4 Latitude and longitude at approach end of reference runway

5 Geodetic azimuth of reference runway reckoned from north

6 Elevation at reference runway displaced threshold/touchdown zone elevation

7 Latitude and longitude at reference runway displace threshold

8 Accuracy codes:

Horizontal	Vertical
1 = 20	A = 2
2 = 40	B = 5
	C = 20

9 Elevation above mean sea level (MSL) 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). AGL's are provided only for manmade objects appearing on the OC and equal to or greater than 200 feet AGL. AGL accuracy is 10 feet.

11 HAA - Height above airport
HAR - Height above approach end of reference runway
HAT - Height above reference runway touchdown zone elevation

12 DEND - Distance along reference runway centerline from point nearest to object (perpendicular) to approach end of runway
DTHR - Distance along reference runway centerline from point nearest to object (perpendicular) to displace 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 that object is in primary on roll-out side of zero distance point.

13 PTNR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

AIRPORT ELEVATION 912

35 SUPLC 909/ 909 450818.137 -931236.366 004032.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	450859.87	-931232.32	1A	921		12	12	9	-4230		240R	11
TREE	450845.24	-931233.23	1A	920		11	11	8	-2748		192R	11
TREE	450809.97	-931232.63	1A	925		16	16	13	824		278R	-2

17 C 912/ 912 450906.069 -931235.567 1804032.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	450845.24	-931233.23	1A	920		8	8	8	-2107		192L	11
TREE	450859.87	-931232.32	1A	921		9	9	9	-625		240L	11
ROAD (N)	450912.72	-931231.00	1A	924		12	12	12	678		320L	-2
TREE	450918.22	-931232.16	1A	942		30	30	30	1234		229L	0
TREE	450920.49	-931236.07	1A	958		46	46	46	1460		53R	9
TREE	450922.26	-931238.68	1A	949		37	37	37	1637		243R	-5
TREE	450925.19	-931230.43	1A	958		46	46	46	1941		345L	-5

0C5202

AIRPORT ELEVATION 912

8 C 905/ 909 450841.340 -931312.272 904217.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	450843.34	-931219.08	1A	917		12	8	5	-3809		250L	7
TREE	450845.24	-931233.23	1A	920		15	11	8	-2793		430L	11
OL WSK	450838.07	-931241.58	1A	934		29	25	22	-2204		304R	26
TREE	450844.32	-931254.53	1A	924		19	15	12	-1268		317L	17
TREE	450844.01	-931302.58	1A	917		12	8	5	-691		278L	11
TREE	450845.23	-931315.25	1A	910		5	1	-2	218		391L	4
TREE	450845.42	-931318.91	1A	919		14	10	7	481		407L	6
TREE	450837.41	-931320.14	1A	922		17	13	10	559		405R	6
TREE	450845.32	-931320.51	1A	922		17	13	10	595		396L	5
TREE	450843.05	-931321.90	1A	917		12	8	5	692		165L	-3
TREE	450838.57	-931330.67	1A	934		29	25	22	1315		297R	-4
TREE	450840.67	-931330.77	1A	938		33	29	26	1325		84R	0
TREE	450846.75	-931334.63	1A	943		38	34	31	1609		529L	-4
TREE	450847.19	-931354.47	1A	975		70	66	63	3032		556L	-13

OC5202

AIRPORT ELEVATION 912

26 PIR 910/ 910 450840.850 -931216.457 2704257.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	450844.01	-931302.58	1A	917		7	7	5	-3309		278R	11
TREE	450844.32	-931254.53	1A	924		14	14	12	-2733		317R	17
OL WSK	450838.07	-931241.58	1A	934		24	24	22	-1797		304L	26
TREE	450845.24	-931233.23	1A	920		10	10	8	-1208		430R	11
TREE	450843.34	-931219.08	1A	917		7	7	5	-191		250R	7
BUSH	450844.89	-931211.23	1A	917		7	7	5	370		414R	4
BUSH	450837.18	-931209.54	1A	921		11	11	9	500		366L	5
TREE	450844.35	-931206.90	1A	941		31	31	29	681		363R	21
TREE	450846.28	-931205.56	1A	967		57	57	55	774		560R	46
TREE	450843.02	-931203.46	1A	935		25	25	23	929		231R	10
TREE	450838.55	-931203.35	1A	932		22	22	20	942		221L	7
TREE	450834.54	-931151.18	1A	961		51	51	49	1820		617L	19
TREE	450845.05	-931142.89	1A	951		41	41	39	2400		456R	-3
TREE	450834.91	-931131.80	1A	964		54	54	52	3208		562L	-6
OL WATER TANK	450827.28	-931028.46	1A	1082		172	172	170	7758		1276L	21

OC5202

AIRPORT ELEVATION 912

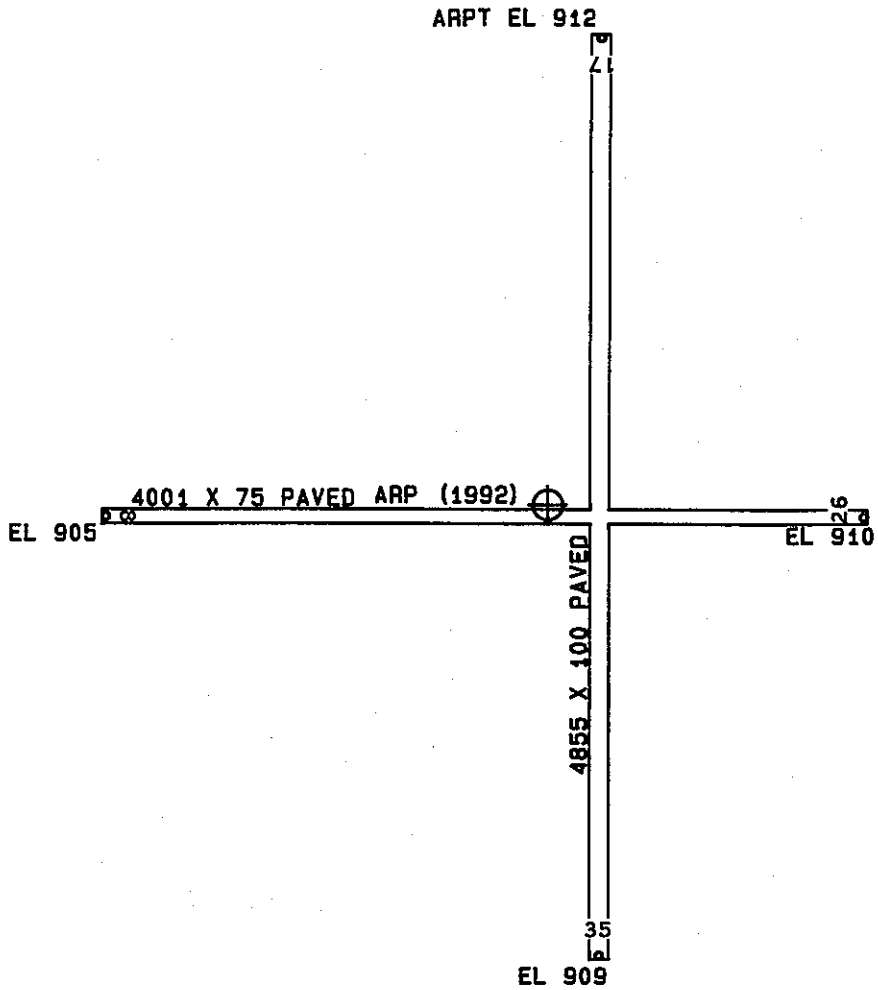
ARP 450841.648 -931239.761

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	450846.05	-931225.63	1A	936		24	6332	1106
TREE	450848.57	-931227.57	1A	962		50	4833	1121
TREE	450851.00	-931231.27	1A	925		13	3000	1126
TREE	450846.71	-931221.53	1A	950		38	6551	1404
OL ON BLDG	450830.77	-931256.08	1A	957		45	22400	1607
POLE	450833.71	-931216.22	1A	947		35	11246	1869
TREE	450847.70	-931214.84	1A	960		48	6822	1888
TREE	450835.61	-931306.57	1A	920		8	24939	2016
TREE	450846.18	-931211.95	1A	951		39	7420	2045
TREE	450900.78	-931228.32	1A	960		48	2013	2104
TREE	450830.30	-931212.20	1A	982		70	11729	2286
TREE	450835.16	-931311.39	1A	931		19	25108	2360
TREE	450846.45	-931312.16	1A	912		0	27907	2373
TREE	450835.73	-931314.20	1A	927		15	25338	2540
TREE	450905.60	-931228.27	1A	971		59	1603	2562
TREE	450833.79	-931314.94	1A	950		38	24946	2644
TREE	450907.90	-931228.64	1A	971		59	1359	2776
TREE	450832.62	-931202.58	1A	978		66	10614	2818
TREE	450812.93	-931232.12	1A	915		3	16638	2960
TREE	450834.80	-931321.94	1A	946		34	25423	3102
TREE	450912.08	-931228.36	1A	960		48	1208	3189
TREE	450809.67	-931223.77	1A	985		73	15748	3436
TREE	450831.33	-931149.78	1A	987		75	10333	3732
TREE	450832.49	-931146.57	1A	969		57	10057	3924
ROD ON OL APBN	450753.30	-931254.05	1A	964		52	18906	5003
FLOODLIGHT	450926.72	-931329.39	1A	1049		137	31922	5787
OL WATER TANK	450810.66	-931419.95	1A	1065		153	24342	7838
OL WATER TANK	450816.61	-931028.44	1A	1076		164	10221	9749
RADIO MAST	450728.85	-931412.07	1B	1058		146	21912	9907
ANT ON OL WATER TANK	450703.28	-931356.63	2C	1071		159	20615	11386
OL TANK	450704.31	-931457.84	2C	1057		145	22225	13971

AIRPORT ELEVATION 912

ARP 450841.648 -931239.761

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
WATER TANK	450618.16	-931217.53	1A	1063		151	17102	14619
ANT ON OL WATER TANK	450615.50	-931215.80	1A	1080		168	17040	14901



TOUCHDOWN ZONE RUNWAY	ELEVATION
35	909
17	912
8	909
26	910

ANOKA COUNTY-BLAINE AIRPORT (JANES FIELD)

MINNEAPOLIS, MINNESOTA

(NOT TO SCALE)

(ALL ELEVATIONS IN FEET)