OBSTRUCTION DATA SHEET

ODS 674
OXNARD AIRPORT
OXNARD, CALIFORNIA

DIGITIZED FROM

OC 674
SURVEYED DECEMBER 1990
10TH EDITION

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THE NATIONAL OCEAN SERVICE
U.S. DEPARTMENT OF COMMERCE
FOR THE FEDERAL AVIATION ADMINISTRATION

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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).

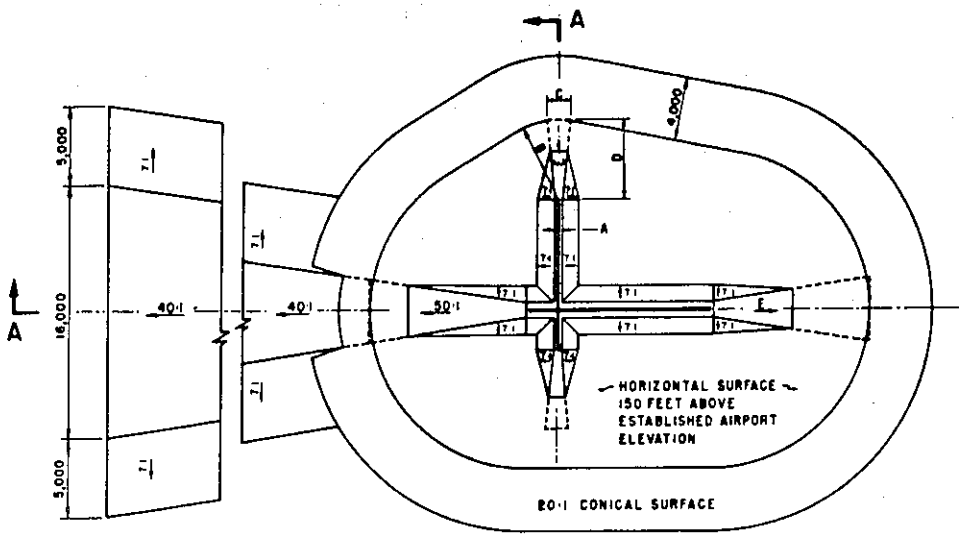
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

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)

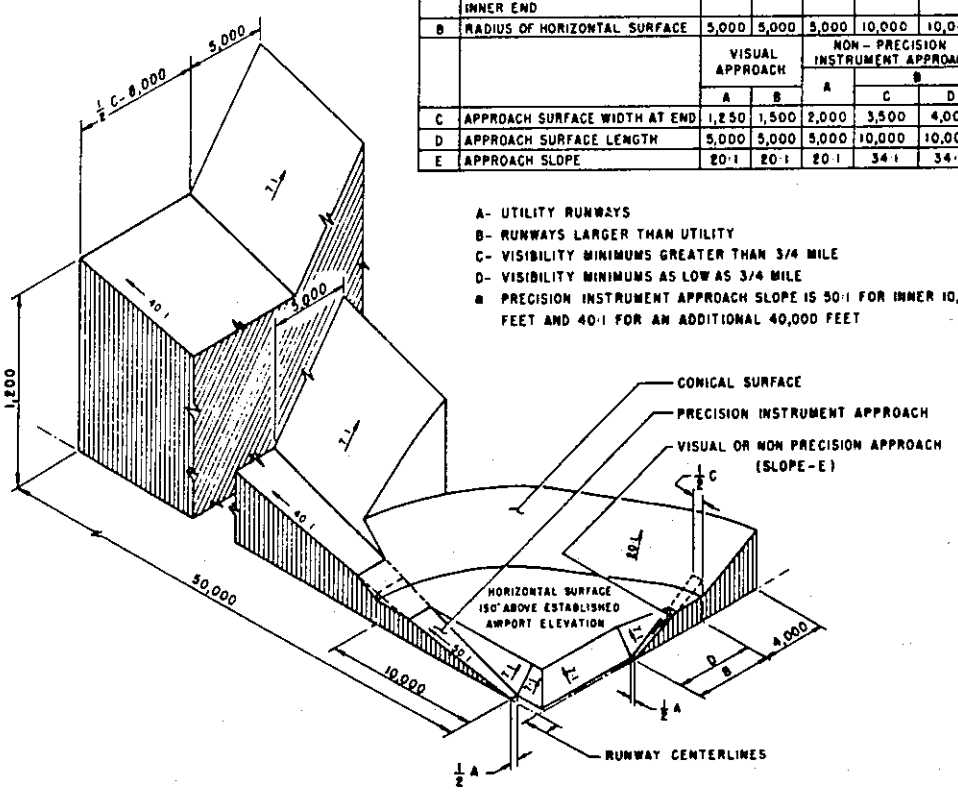
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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	B		
					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	B		
					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] 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

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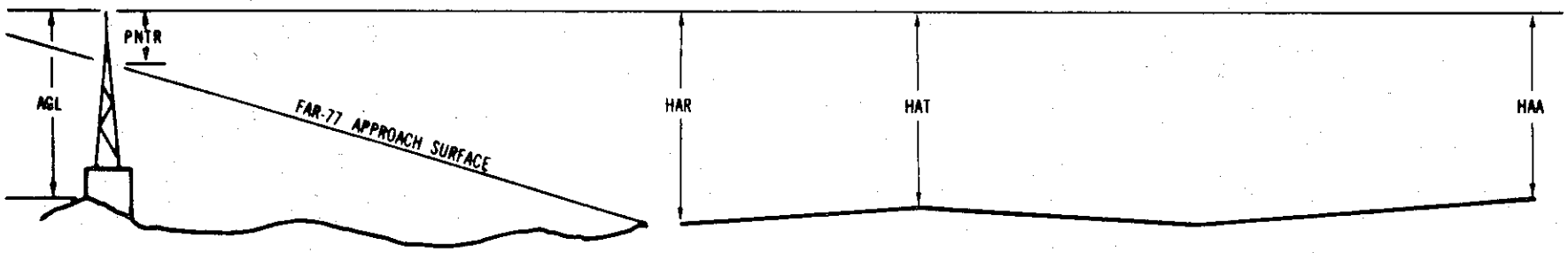
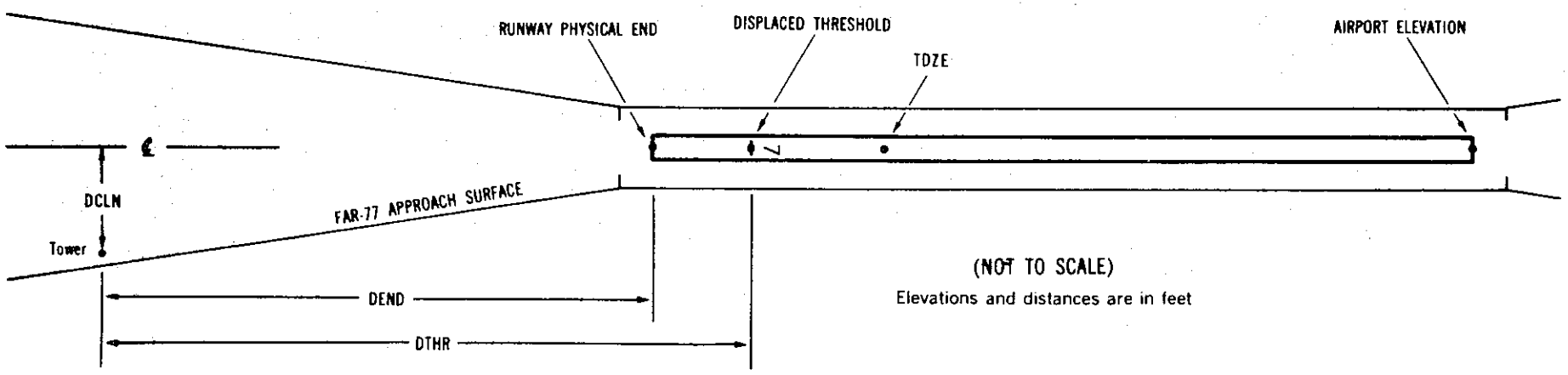




(NOT TO SCALE)

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).

OC0674

AIRPORT ELEVATION 43

7 C 32/36 341203.136N 1191258.004W 2703114

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	341205.93	1191144.67	1A	67		35	31	24	-6157		339L	24
FENCE	341202.58	1191145.86	1A	47		15	11	4	-6060		0R	4
BUILDING	341200.47	1191146.18	1A	52		20	16	9	-6035		214R	9
BUILDING	341158.73	1191146.38	1A	53		21	17	10	-6020		390R	10
LIGHT ON SIGN	341205.91	1191147.09	1A	70		38	34	27	-5954		335L	27
WINDSOCK	341200.76	1191150.20	1A	55		23	19	12	-5697		188R	13
TREE	341206.85	1191152.84	1A	85		53	49	42	-5470		426L	43
HANGAR	341157.82	1191203.16	1A	50		18	14	7	-4612		495R	10
FENCE	341205.70	1191203.37	1A	43		11	7	0	-4586		301L	3
OL ON GLIDE SLOPE	341200.17	1191206.55	1A	71		39	35	28	-4324		260R	32
VENT ON BUILDING	341207.33	1191222.83	1A	60		28	24	17	-2951		451L	24
OL ON WINDSOCK	341200.86	1191224.84	1A	52		20	16	9	-2787		205R	16
FENCE CORNER	341157.92	1191225.08	1A	40		8	4	-3	-2770		502R	4
OL ON ANEMOMETER	341200.50	1191225.25	1A	57		25	21	14	-2754		241R	21
VENT ON BUILDING	341157.89	1191239.39	1A	51		19	15	8	-1568		516R	18
FENCE	341206.04	1191248.88	1A	37		5	1	-6	-764		300L	4
WINDSOCK	341201.16	1191255.26	1A	41		9	5	-2	-232		197R	9
FENCE	341206.07	1191258.06	1A	34		2	-2	-9	7		296L	2
BUILDING	341200.25	1191309.85	1A	36		4	0	-7	993		301R	-19
OL LOCALIZER	341203.23	1191309.90	1A	33		1	-3	-10	999		0L	-23
BUILDING	341209.58	1191313.14	1A	41		9	5	-2	1277		640L	-23

OC0674

AIRPORT ELEVATION 43

25 PIR 43/ 341202.595N 1191147.177W 0903154 40/40 341202.721N 11912 3.525W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	341206.07	1191258.06	1A	34		-9	-6	-9	-5957	-4583	296R	2
WINDSOCK	341201.16	1191255.26	1A	41		-2	1	-2	-5718	-4344	197L	9
FENCE	341206.04	1191248.88	1A	37		-6	-3	-6	-5186	-3812	300R	4
VENT ON BUILDING	341157.89	1191239.39	1A	51		8	11	8	-4381	-3008	516L	18
OL ON ANEMOMETER	341200.50	1191225.25	1A	57		14	17	14	-3196	-1822	241L	21
FENCE CORNER	341157.92	1191225.08	1A	40		-3	0	-3	-3179	-1806	502L	4
OL ON WINDSOCK	341200.86	1191224.84	1A	52		9	12	9	-3162	-1789	205L	16
VENT ON BUILDING	341207.33	1191222.83	1A	60		17	20	17	-2999	-1626	451R	24
OL ON GLIDE SLOPE	341200.17	1191206.55	1A	71		28	31	28	-1625	-252	260L	32
FENCE	341205.70	1191203.37	1A	43		0	3	0	-1363	10	301R	3
HANGAR	341157.82	1191203.16	1A	50		7	10	7	-1338	35	495L	10
TREE	341206.85	1191152.84	1A	85		42	45	42	-480	894	426R	43
WINDSOCK	341200.76	1191150.20	1A	55		12	15	12	-252	1121	188L	13
LIGHT ON SIGN	341205.91	1191147.09	1A	70		27	30	27	4	1378	335R	27
BUILDING	341158.73	1191146.38	1A	53		10	13	10	70	1444	390L	10
BUILDING	341200.47	1191146.18	1A	52		9	12	9	86	1459	214L	9
FENCE	341202.58	1191145.86	1A	47		4	7	4	110	1484	0L	4
TREE	341205.93	1191144.67	1A	67		24	27	24	208	1581	339R	24
POLE	341207.15	1191143.35	1A	78		35	38	35	318	1691	464R	33
TREE	341207.51	1191140.85	1A	103		60	63	60	527	1900	502R	53
TREE	341205.77	1191139.24	1A	88		45	48	45	663	2037	327R	36
ROAD (N)	341202.49	1191137.59	1A	61		18	21	18	805	2179	3L	6
VENT ON BUILDING	341200.67	1191129.70	1A	72		29	32	29	1469	2843	181L	4
POLE	341201.68	1191128.59	1A	88		45	48	45	1562	2935	78L	18
FLAGPOLE	341203.51	1191127.34	1A	89		46	49	46	1665	3038	108R	17
POLE	341205.92	1191123.59	1A	92		49	52	49	1978	3351	355R	13
FLOODLIGHT POLE	341200.37	1191119.72	1A	113		70	73	70	2308	3682	203L	28
TREE	341208.89	1191112.31	1A	135		92	95	92	2923	4296	663R	38
TREE	341202.84	1191109.26	1A	129		86	89	86	3184	4557	54R	26
TREE	341204.53	1191105.31	1A	142		99	102	99	3515	4888	229R	33
TREE	341154.80	1191103.87	1A	135		92	95	92	3645	5018	754L	23
TREE	341208.81	1191100.41	1A	148		105	108	105	3922	5295	665R	31
CROSS ON SPIRE	341200.45	1191058.46	1A	163		120	123	120	4094	5467	178L	42

AIRPORT ELEVATION 43

25 PIR 43/ 341202.595N 1191147.177W 0903154 40/40 341202.721N 11912 3.525W

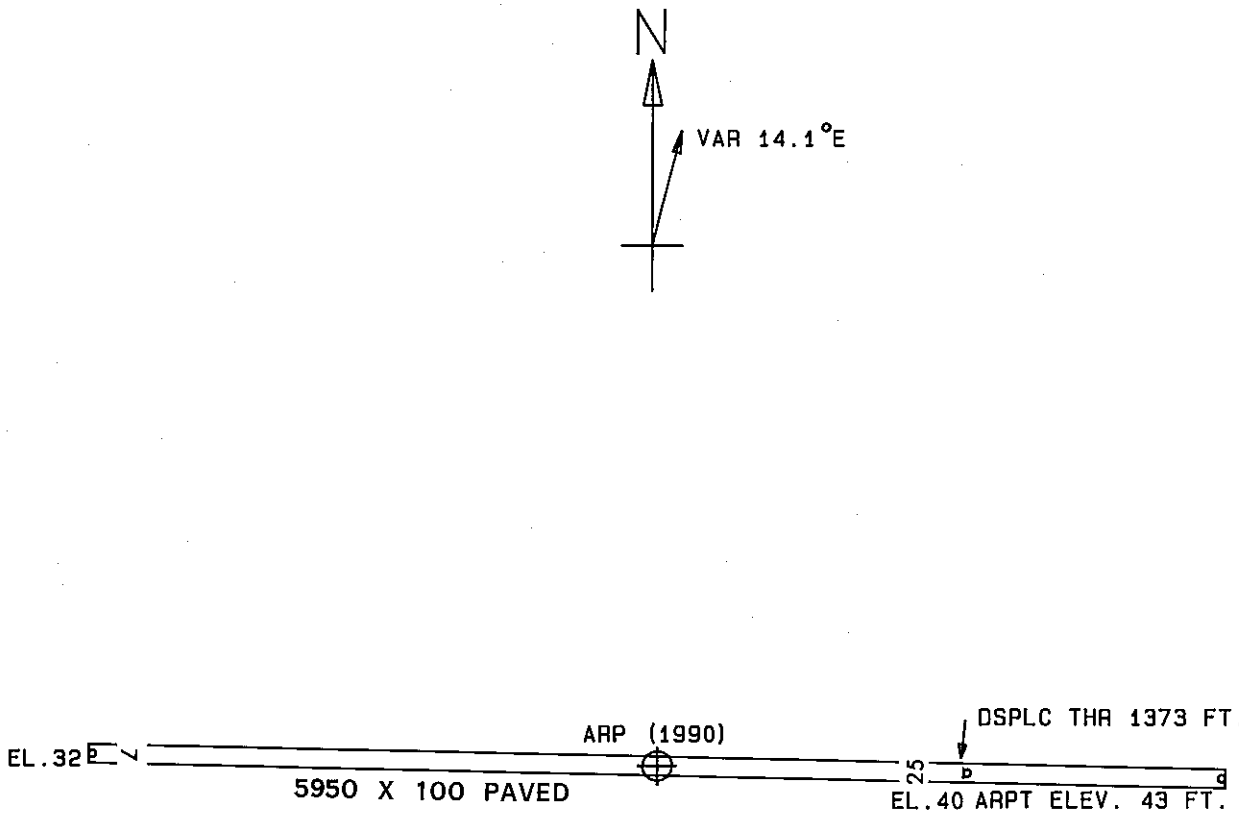
OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	341200.62	1191058.07	1A	167		124	127	124	4127	5500	161L	45
TREE	341157.12	1191055.15	1A	163		120	123	120	4375	5748	513L	37
ANTENNA	341203.13	1191050.01	1A	144		101	104	101	4801	6174	99R	9
TREE	341205.10	1191049.17	1A	176		133	136	133	4870	6244	299R	40
TREE	341152.63	1191045.96	1A	146		103	106	103	5152	6525	960L	4

OC0674

AIRPORT ELEVATION 43

ARP 341202.867N 1191222.590W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
ANTENNA	341209.03	1191224.40	1A	97		54	332 10	642
ANTENNA ON OL ATC TOWER	341155.32	1191221.59	1A	115		72	159 38	768
WINDVANE ON HANGAR	341157.35	1191211.00	1A	62		19	105 41	1122
OL ON HANGAR	341208.48	1191210.26	1A	83		40	47 10	1181
ANTENNA ON OL RTR TOWER	341154.82	1191208.22	1A	81		38	109 52	1456
POLE	341210.70	1191248.29	1A	71		28	276 3	2299
TREE	341208.66	1191149.90	1A	107		64	63 52	2807
OL ON LIGHT STANDARD	341157.15	1191256.67	1A	59		16	244 29	2920
OL ON LIGHT STANDARD	341156.98	1191300.15	1A	58		15	245 13	3211
OL ON AIRPORT BEACON	341151.62	1191146.20	1A	101		58	96 18	3262
POLE	341209.70	1191138.00	1A	89		46	65 27	3809
LIGHT STANDARD	341155.56	1191137.75	1A	75		32	87 0	3838
OL ON BUILDING	341154.27	1191129.60	1A	103		60	86 56	4535
BUILDING	341212.45	1191315.89	1A	78		35	268 7	4580
CROSS ON SPIRE	341150.12	1191117.65	1A	143		100	89 11	5605
TREE	341153.14	1191113.94	1A	139		96	85 34	5850
TRANSMISSION TOWER	341306.95	1191344.43	1B	187		144	299 12	9445
OL ON RADIO TOWER	341114.55	1191021.54	1B	196		153	101 33	11281
OL ON RADIO MAST	341413.33	1191209.10	2A	366	315	323	350 49	13237
ROD ON OL STACK	341223.15	1191501.28	2A	218	210	175	264 40	13486
OL ON BUILDING	341342.58	1191024.48	2A	381	303	338	30 26	14142



TOUCHDOWN ZONE	RUNWAY ELEVATION
7	36
25	40

OXNARD AIRPORT

OXNARD, CALIFORNIA

(NOT TO SCALE)