OBSTRUCTION DATA SHEET

ODS 407
STOCKTON METROPOLITAN AIRPORT
STOCKTON, CALIFORNIA

DIGITIZED FROM

OC 407
SURVEYED MARCH 1992
11TH EDITION

HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29

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FOR THE FEDERAL AVIATION ADMINISTRATION

ATTENTION

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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 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).

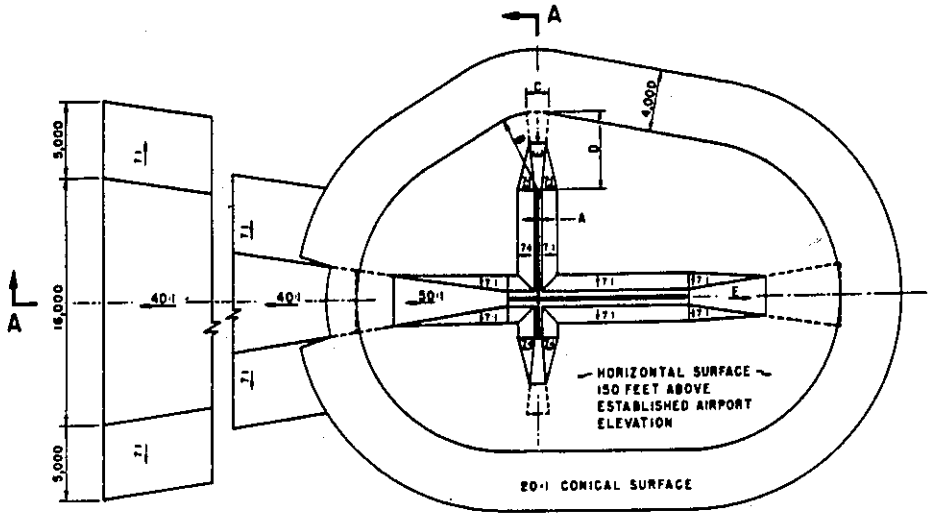
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

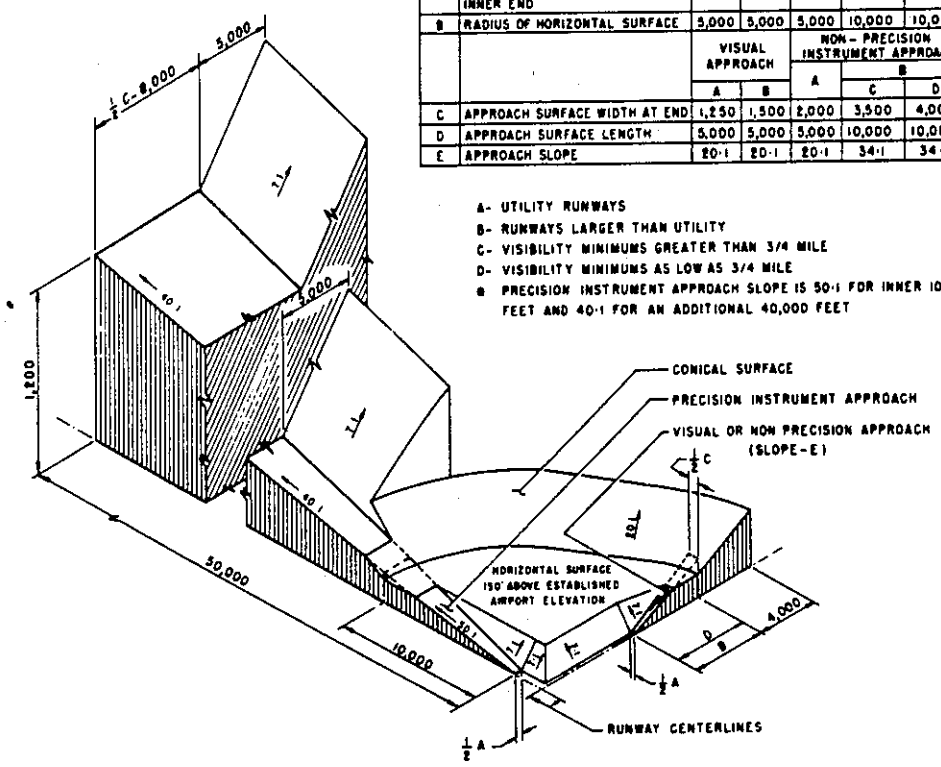
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision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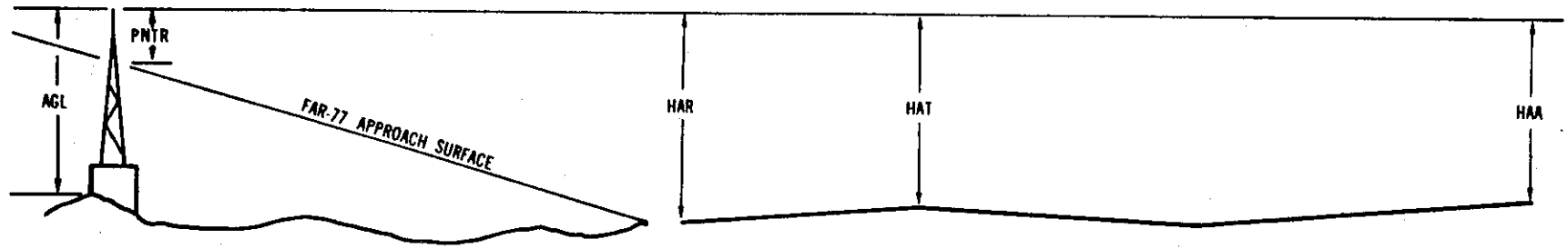
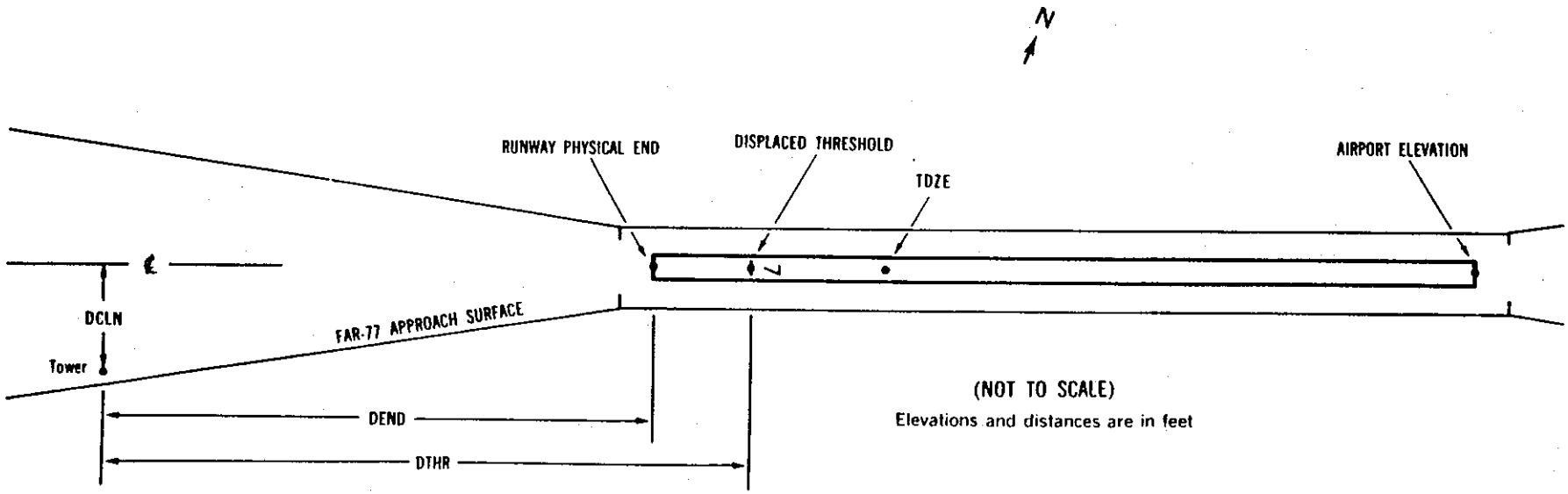




(NOT TO SCALE)

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 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 <u>appearing on the OC</u> 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).

OC0407

AIRPORT ELEVATION 30

11L SUPLC 25/ 27 375402.396 -1211453.311 1273508.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
WINDSOCK	375313.18	-1211337.22	1A	45		20	18	15	-7870		224R	16
OL ON LTD WINDSOCK	375314.08	-1211339.82	1A	37		12	10	7	-7649		279R	8
OL ON GLIDE SLOPE	375320.80	-1211336.95	1A	60		35	33	30	-7417		400L	31
ROD ON OL TMOM	375321.39	-1211337.53	1A	43		18	16	13	-7343		419L	14
ELECTRICAL PANEL	375358.53	-1211438.92	1A	30		5	3	0	-1153		394L	4
OL ON LTD WINDSOCK	375358.41	-1211441.43	1A	34		9	7	4	-1000		261L	8
OL ON LOCALIZER	375408.86	-1211503.92	1A	28		3	1	-2	1072		0R	-23
ANT ON BUILDING	375406.87	-1211506.08	1A	34		9	7	4	1087		265R	-17
LIGHT STANDARD	375412.96	-1211502.83	1A	53		28	26	23	1257		382L	-3
LIGHT STANDARD	375410.22	-1211508.02	1A	52		27	25	22	1417		92R	-9
ROAD (N)	375407.57	-1211513.54	1A	36		11	9	6	1604		574R	-30
LIGHT ON SILO	375442.24	-1211540.90	1B	139		114	112	109	5480		868L	-41
TRANSMISSION TOWER	375444.24	-1211554.21	1B	116		91	89	86	6450		378L	-93

29R PIR 30/ 30 375310.227 -1211327.805 3073600.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WINDSOCK	375358.41	-1211441.43	1A	34		4	4	4	-7649		261R	8
ELECTRICAL PANEL	375358.53	-1211438.92	1A	30		0	0	0	-7497		394R	4
ROD ON OL TMOM	375321.39	-1211337.53	1A	43		13	13	13	-1306		419R	14
OL ON GLIDE SLOPE	375320.80	-1211336.95	1A	60		30	30	30	-1233		400R	31
OL ON LTD WINDSOCK	375314.08	-1211339.82	1A	37		7	7	7	-1001		279L	8
WINDSOCK	375313.18	-1211337.22	1A	45		15	15	15	-780		224L	16
ROAD (N)	375309.45	-1211314.23	1A	46		16	16	16	910		602R	2
TREE	375258.98	-1211314.07	1A	59		29	29	29	1566		229L	2

OC0407

AIRPORT ELEVATION 30

11R AV 23/ 375355.730 -1211452.616 1273343.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON BUILDING	375406.87	-1211506.08	1A	34		11		4	1543		236L	-56
ROAD (N)	375407.57	-1211513.54	1A	36		13		6	2059		73R	-80
FLOODLIGHT POLE	375411.53	-1211525.31	1A	69		46		39	3051		331R	-96

29L AV 24/ 375337.673 -1211422.989 3073401.

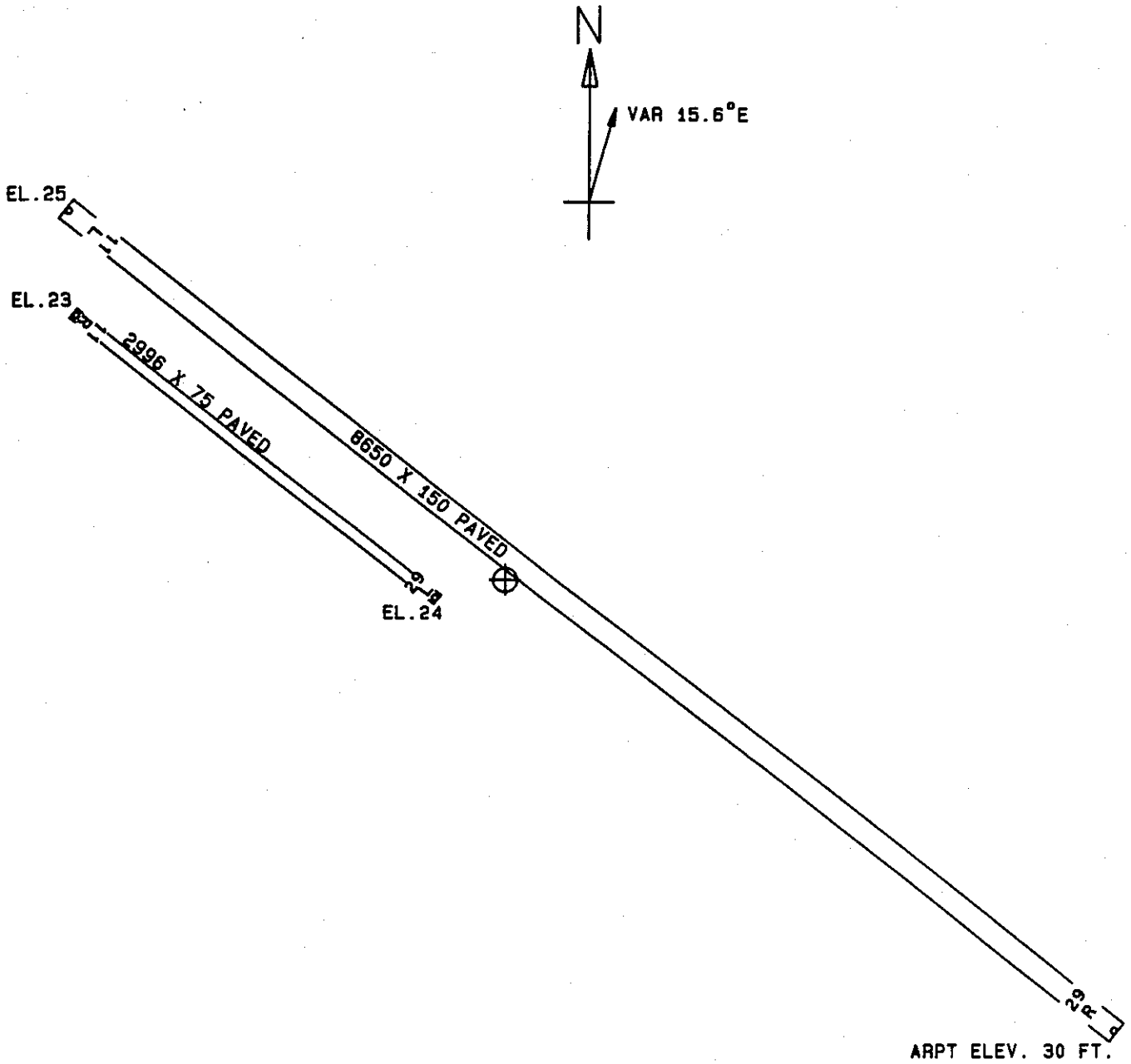
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WINDSOCK	375314.08	-1211339.82	1A	37		13		7	4198		218R	-187
WINDSOCK	375313.18	-1211337.22	1A	45		21		15	4418		273R	-190

OC0407

AIRPORT ELEVATION 30

ARP 375338.986 -1211417.563

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT ON OL ATCT	375327.86	-1211428.60	1A	124		94	20233	1431
ROD ON OL RTR TWR	375324.73	-1211416.92	1A	75		45	16221	1443
ROD ON ASR	375356.59	-1211400.59	1A	73		43	2147	2241
OL ON LTD WINDSOCK	375343.67	-1211445.49	1A	52		22	26621	2288
OL ON ANEMOMETER	375345.35	-1211446.54	1A	45		15	26953	2410
APBN ON OL TANK	375329.38	-1211446.67	1A	160		130	23147	2527
TREE	375329.20	-1211342.28	1A	81		51	9340	2996
FLOODLIGHT POLE	375329.71	-1211332.22	1B	87		57	8852	3754
ROD ON OL TMOM	375319.50	-1211331.73	1A	43		13	10236	4169
ANT ON HANGAR	375356.03	-1211505.28	1A	93		63	27839	4195
AIR CONDITIONER ON HANGAR	375358.04	-1211504.61	1A	63		33	28128	4235
POLE	375300.31	-1211329.20	1A	62		32	11939	5508
POLE	375258.42	-1211325.75	1A	62		32	11902	5838
POLE	375310.12	-1211311.46	1A	62		32	10314	6050
POLE	375309.25	-1211311.68	1A	51		21	10403	6077
POLE	375307.82	-1211306.33	1A	67		37	10317	6523
ANT ON OL BLDG	375407.10	-1211535.88	1B	115		85	27846	6891
POLE	375251.57	-1211313.74	1A	68		38	11732	7012
STACK	375445.73	-1211539.39	1B	169		139	30014	9412
OL GRAIN ELEVATOR	375402.65	-1211629.90	1B	193		163	26707	10874
OL ON GRAIN ELEVATOR	375431.06	-1211618.81	1B	189		159	28252	11053
OL ON RADIO TWR	375529.67	-1211445.75	1A	229	207	199	33259	11421
OL ON RADIO TWR	375529.37	-1211448.00	1A	229	207	199	33204	11428
MCWV TWR	375453.90	-1211713.75	2A	209		179	28238	16025



TOUCHDOWN ZONE RUNWAY	ELEVATION
11L	27
29R	30

STOCKTON METROPOLITAN AIRPORT

STOCKTON, CALIFORNIA

(NOT TO SCALE)