OBSTRUCTION DATA SHEET

ODS 989
SAN LUIS OBISPO COUNTY - MC CHESNEY FIELD
SAN LUIS OBISPO, CALIFORNIA

DIGITIZED FROM

OC 989
SURVEYED FEBRUARY 1991
9TH EDITION

PREPARED AND DISTRIBUTED BY
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).

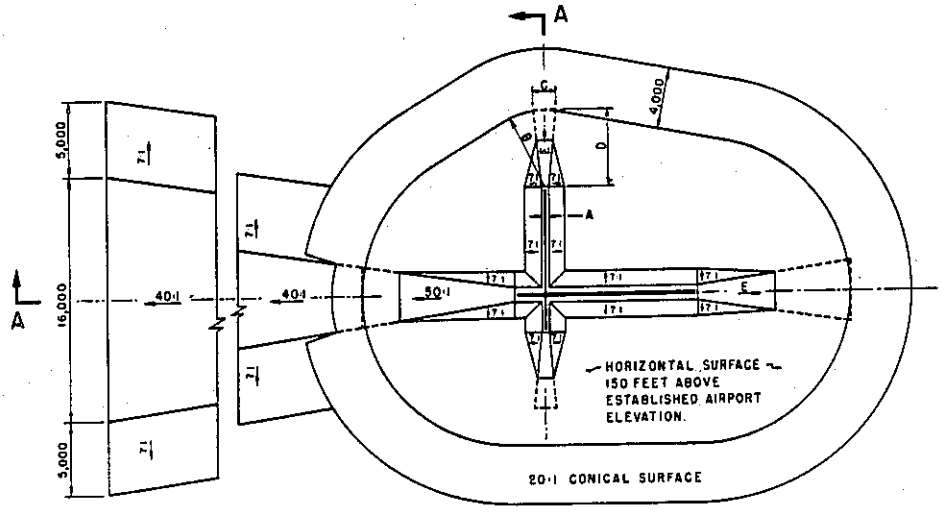
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

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)

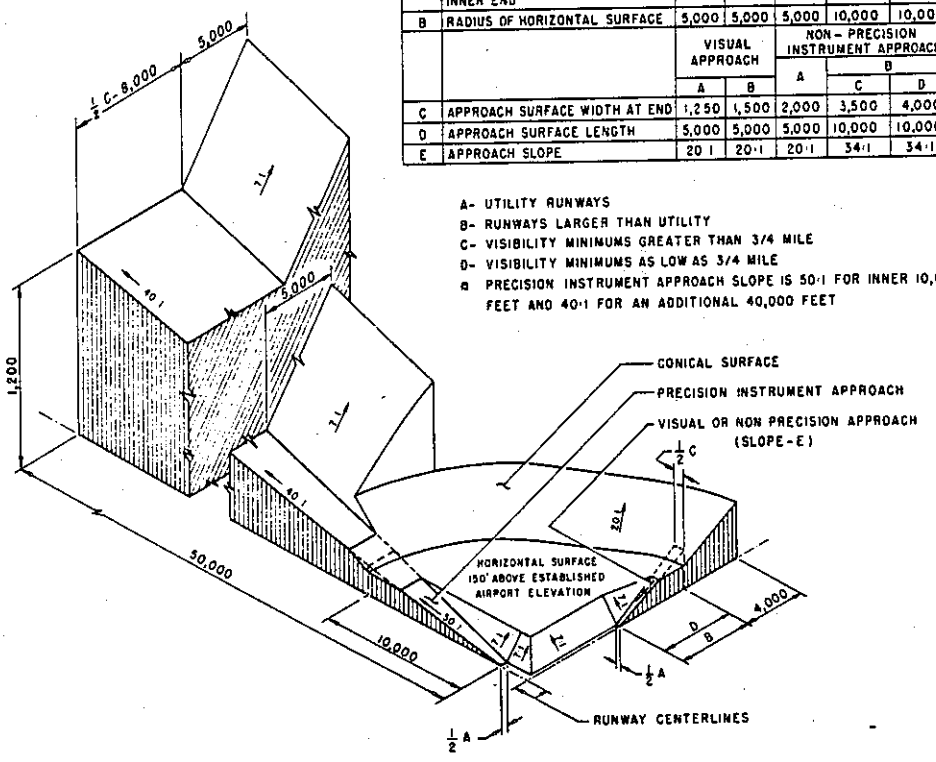
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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	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	a
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	a

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
a 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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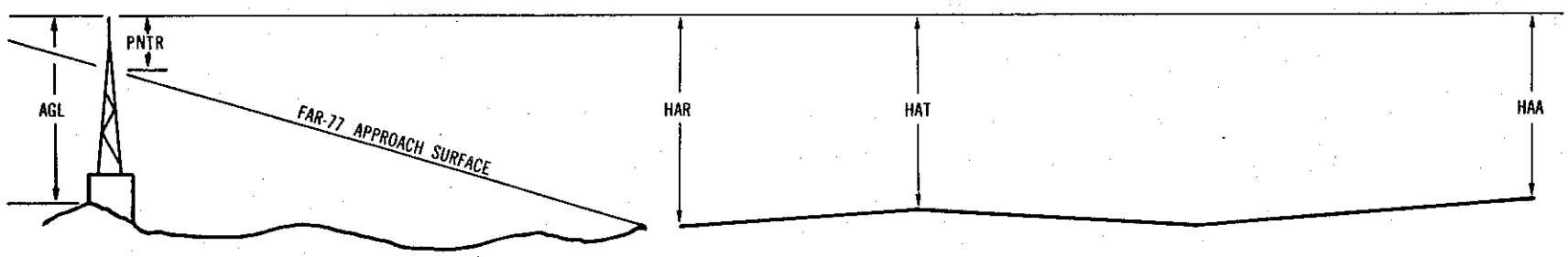
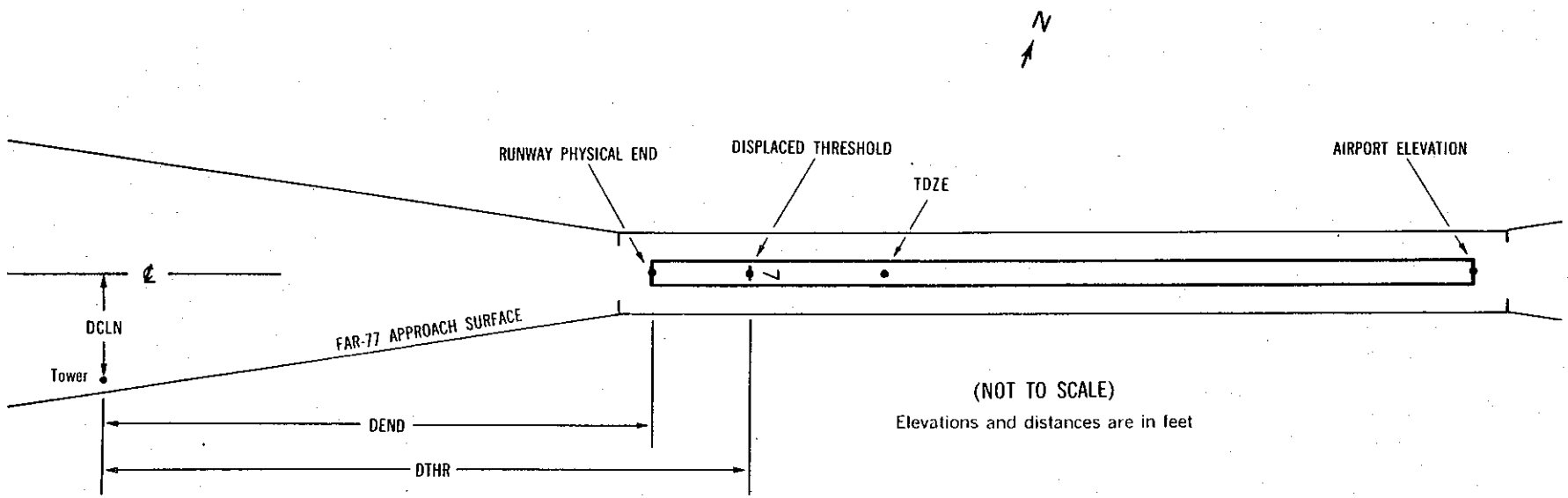




(NOT TO SCALE)

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).

OC0989

AIRPORT ELEVATION 209

7 SUPLC 159/192 351412.753N 1203857.313W 2694629

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ANEMOMETER	351410.72	1203821.29	1A	215		56	23	6	-2988		217R	23
LIGHT STANDARD	351415.39	1203848.73	1A	186		27	-6	-23	-713		264L	19
LIGHT STANDARD	351415.37	1203852.20	1A	184		25	-8	-25	-425		263L	20
ROAD (N)	351411.37	1203902.38	1A	170		11	-22	-39	421		138R	5
TREE	351408.73	1203920.06	1A	231		72	39	22	1888		400R	22

25 SUPLC 194/194 351412.878N 1203818.028W 0894651

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LIGHT STANDARD	351415.37	1203852.20	1A	184		-10	-10	-25	-2834		263R	20
LIGHT STANDARD	351415.39	1203848.73	1A	186		-8	-8	-23	-2546		264R	19
OL ANEMOMETER	351410.72	1203821.29	1A	215		21	21	6	-271		217L	23
BUILDING	351415.10	1203806.56	1A	219		25	25	10	952		221R	3
STACK	351414.12	1203804.35	1A	231		37	37	22	1135		121R	9
TREE	351421.16	1203729.00	1A	322		128	128	113	4070		822R	14
TRANSMISSION TOWER	351419.14	1203629.23	1B	451		257	257	242	9027		600R	-3
TRANSMISSION TOWER	351410.40	1203618.83	1B	439		245	245	230	9887		287L	-40

OC0989

AIRPORT ELEVATION 209

11 PIR 163/195 351427.516N 1203846.862W 3044627

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	351403.20	1203754.27	1A	221		58	26	12	-4986		469L	12
GROUND	351405.02	1203757.46	1A	218		55	23	9	-4663		470L	10
OL ON LIGHTED WINDSOCK	351359.82	1203804.98	1A	213		50	18	4	-4451		318R	7
SIGN	351407.19	1203803.04	1A	207		44	12	-2	-4158		386L	3
BUILDING	351405.39	1203818.11	1A	205		42	10	-4	-3235		477R	8
TREE	351408.15	1203821.79	1A	223		60	28	14	-2825		422R	29
OL ANEMOMETER	351410.72	1203821.29	1A	215		52	20	6	-2711		185R	22
OL ON LIGHTED WINDSOCK	351410.19	1203822.41	1A	213		50	18	4	-2665		282R	20
ANTENNA ON OL ATCT	351417.17	1203818.12	1A	271		108	76	62	-2555		501L	79
FLOODLIGHT ON BUILDING	351419.35	1203822.32	1A	216		53	21	7	-2143		483L	29
HANGAR	351425.36	1203833.87	1A	192		29	-3	-17	-1010		435L	20
LIGHT STANDARD	351419.12	1203841.63	1A	203		40	8	-6	-841		449R	33
HANGAR	351427.09	1203836.88	1A	192		29	-3	-17	-705		437L	24
WINDSOCK	351426.45	1203840.74	1A	175		12	-20	-34	-478		201L	10
OL HANGAR	351422.94	1203848.92	1A	184		21	-11	-25	-124		477R	20
POLE	351425.71	1203853.31	1A	173		10	-22	-36	335		455R	7
TREE	351433.22	1203849.96	1A	174		11	-21	-35	540		327L	4
GROUND	351608.70	1204049.67	1A	553		390	358	344	14200		2596L	90

OC0989

AIRPORT ELEVATION 209

29 SUPLC 209/209 351400.442N 1203759.346W 1244654

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL HANGAR	351422.94	1203848.92	1A	184		-25	-25	-25	-4675		477L	20
WINDSOCK	351426.45	1203840.74	1A	175		-34	-34	-34	-4321		201R	10
HANGAR	351427.09	1203836.88	1A	192		-17	-17	-17	-4094		437R	24
LIGHT STANDARD	351419.12	1203841.63	1A	203		-6	-6	-6	-3958		449L	33
HANGAR	351425.36	1203833.87	1A	192		-17	-17	-17	-3789		435R	20
FLOODLIGHT ON BUILDING	351419.35	1203822.32	1A	216		7	7	7	-2656		483R	29
ANTENNA ON OL ATCT	351417.17	1203818.12	1A	271		62	62	62	-2244		501R	79
OL ON LIGHTED WINDSOCK	351410.19	1203822.41	1A	213		4	4	4	-2134		282L	20
OL ANEMOMETER	351410.72	1203821.29	1A	215		6	6	6	-2088		185L	22
TREE	351408.15	1203821.79	1A	223		14	14	14	-1974		422L	29
BUILDING	351405.39	1203818.11	1A	205		-4	-4	-4	-1564		477L	8
SIGN	351407.19	1203803.04	1A	207		-2	-2	-2	-641		386R	3
OL ON LIGHTED WINDSOCK	351359.82	1203804.98	1A	213		4	4	4	-348		318L	7
GROUND	351405.02	1203757.46	1A	218		9	9	9	-136		470R	10
GROUND	351403.20	1203754.27	1A	221		12	12	12	187		469R	12
OL ON LOCALIZER	351358.41	1203755.78	1A	211		2	2	2	360		0L	-3
SIGN	351400.52	1203753.88	1A	219		10	10	10	368		265R	5
POLE	351354.01	1203754.92	1A	225		16	16	16	672		325L	2
POLE	351349.85	1203751.39	1A	243		34	34	34	1153		504L	6
FENCE POST	351345.96	1203733.75	1A	269		60	60	60	2580		9R	-10

OC0989

AIRPORT ELEVATION 209

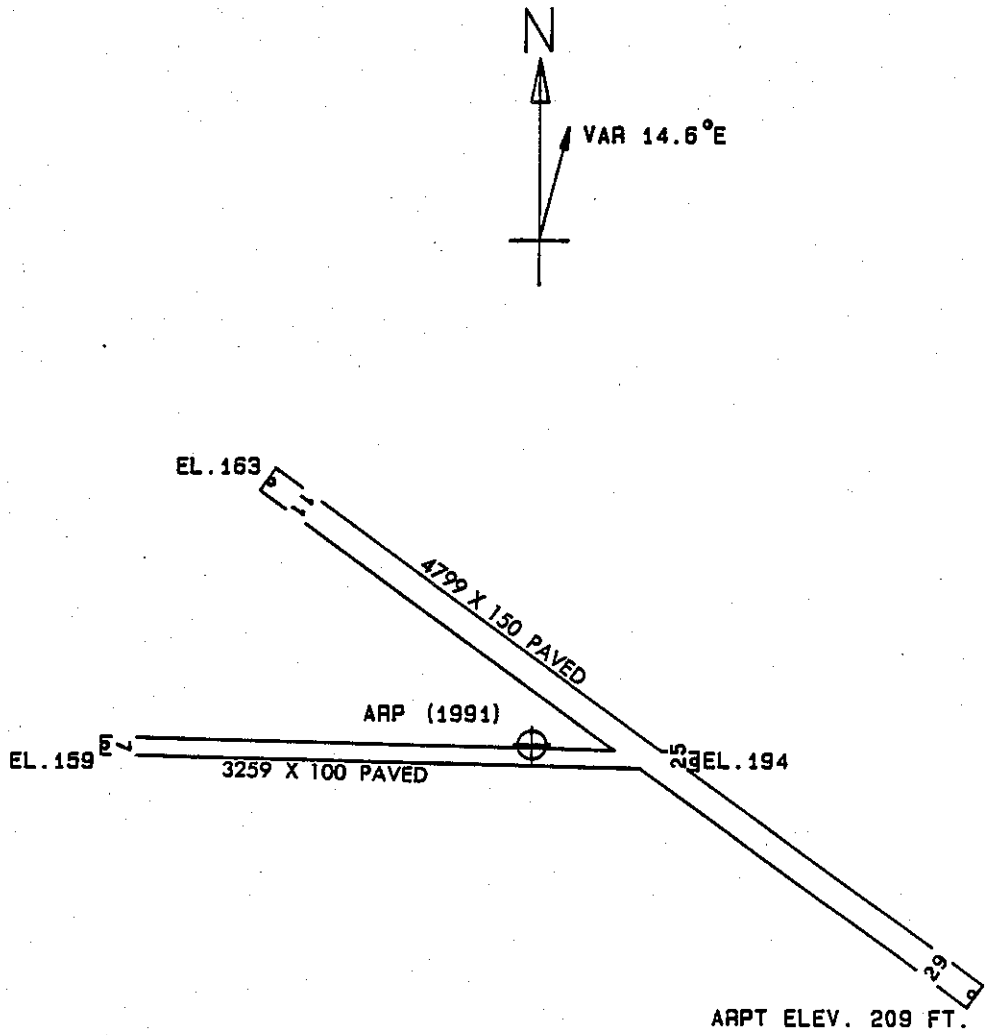
ARP 351413.509N 1203828.995W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	351408.37	1203825.36	1A	227		18	135 17	601
TREE	351408.86	1203836.31	1A	259		50	217 41	768
FLAGPOLE	351421.10	1203823.16	1A	225		16	17 39	908
LIGHT STANDARD	351416.67	1203841.62	1A	214		5	272 24	1095
LIGHT STANDARD	351419.11	1203844.04	1A	210		1	279 49	1371
TREE	351408.64	1203851.60	1A	216		7	240 41	1939
POLE	351423.57	1203853.44	1A	186		-23	282 3	2269
POLE	351408.87	1203857.92	1A	186		-23	244 20	2445
TREE	351435.29	1203847.24	1A	215		6	310 54	2672
POLE	351408.85	1203901.57	1A	184		-25	245 31	2743
TREE	351405.37	1203748.66	1A	294		85	89 12	3446
ANTENNA ON HOUSE	351344.17	1203746.53	1A	281		72	115 30	4606
TREE	351422.57	1203729.92	1A	356		147	64 48	4985
TRANSMISSION TOWER	351515.93	1203853.15	1B	445		236	327 48	6622
GROUND	351508.87	1203744.76	1B	560		351	18 38	6692
ANTENNA ON POLE	351442.94	1203716.30	1B	793		584	49 8	6724
POLE	351315.43	1203921.13	1B	492		283	201 47	7293
GROUND	351524.97	1203859.42	1B	551		342	326 9	7653
FENCE	351527.69	1203905.79	1B	574		365	323 16	8097
TRANSMISSION TOWER	351258.32	1203918.61	1B	507		298	193 50	8645
GROUND	351536.61	1203922.61	1B	600		391	317 31	9507
TRANSMISSION TOWER	351239.80	1203851.13	1B	524		315	176 22	9651
FENCE	351237.34	1203840.37	1B	533		324	170 57	9769
GROUND	351235.14	1203821.69	1B	571		362	161 55	9964
TREE	351240.70	1203920.03	2C	654		445	189 42	10295
TRANSMISSION TOWER	351229.21	1203835.45	1B	638		429	168 19	10559
TREE	351244.03	1203934.93	2C	603		394	196 34	10572
GROUND	351540.33	1203945.28	1B	395		186	309 37	10821
GROUND	351514.44	1203641.02	1B	473		264	40 52	10870
LIGHT ON POLE	351227.18	1203805.01	1B	649		440	154 55	10933
TREE	351236.20	1203933.47	2C	674		465	193 56	11199
TRANSMISSION TOWER	351221.65	1203824.23	2C	637		428	163 24	11317
TREE	351227.32	1203912.13	2C	648		439	183 50	11317

AIRPORT ELEVATION 209

ARP 351413.509N 1203828.995W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	351228.12	1203930.39	2C	704		495	190 57	11810
TREE	351301.63	1204021.59	2C	700		491	217 32	11835
TRANSMISSION TOWER	351554.29	1203715.71	2C	829		620	16 13	11865
TREE	351220.10	1203750.39	2C	707		498	149 47	11905
TREE	351252.21	1204016.42	2C	833		624	212 43	12125
OL RADIO MAST	351550.02	1203959.50	2C	571		362	307 50	12311
TREE	351256.16	1204028.41	2C	914		705	217 7	12622
GROUND	351609.93	1203732.36	2C	964		755	7 9	12673
GROUND	351624.93	1203857.65	2C	518		309	335 16	13498
TREE	351203.91	1203733.41	2C	712		503	146 0	13892
TRANSMISSION TOWER	351630.02	1203757.66	2C	1217		1008	356 4	14044
GROUND	351609.04	1203654.73	2C	1435		1226	19 11	14056
TREE	351401.36	1203539.54	2C	635		426	80 23	14111
TREE	351624.07	1203721.70	2C	1591		1382	8 19	14332
TREE	351200.43	1203726.77	2C	725		516	144 24	14412
GROUND	351545.19	1203615.39	2C	895		686	35 29	14448
TRANSMISSION TOWER	351425.26	1204128.43	2C	579		370	259 59	14932
GROUND	351523.21	1203545.04	2C	636		427	48 0	15317
TREE	351424.33	1204136.25	2C	681		472	259 27	15572
FENCE POST	351609.55	1204048.78	2C	567		358	300 45	16494
GROUND	351658.00	1204046.77	2C	1292		1083	310 55	20178



TOUCHDOWN ZONE RUNWAY	ELEVATION
7	192
25	194
11	195
29	209

SAN LUIS OBISPO COUNTY - MC CHESNEY FIELD

SAN LUIS OBISPO, CALIFORNIA

(NOT TO SCALE)