

# OBSTRUCTION DATA SHEET

ODS 664  
YUBA COUNTY AIRPORT  
MARYSVILLE, CALIFORNIA

DIGITIZED FROM

OC 664  
SURVEYED JANUARY 1993  
9TH EDITION

HORIZONTAL DATUM NAD 83  
VERTICAL DATUM NGVD 29



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## 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.

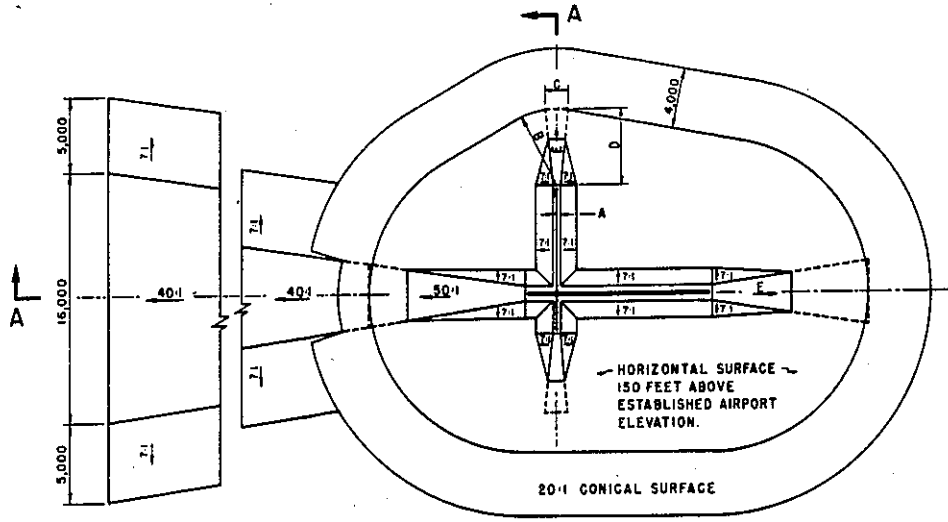
ODS information is arranged as follows:

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:

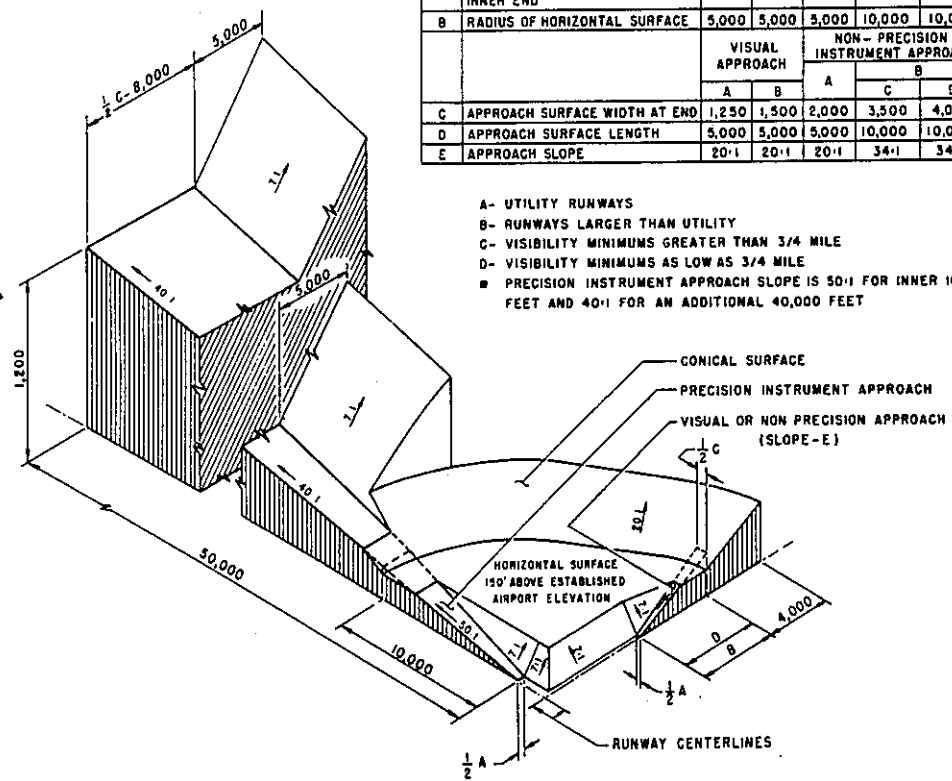
- A(V) .... Utility runway - visual approach only
- A(NP) ... Utility runway - nonprecision instrument approach
- B(V) ..... Nonutility runway - visual approach only
- C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
- D ..... Nonutility runway - 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		
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
C	APPROACH SURFACE WIDTH AT END	VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
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

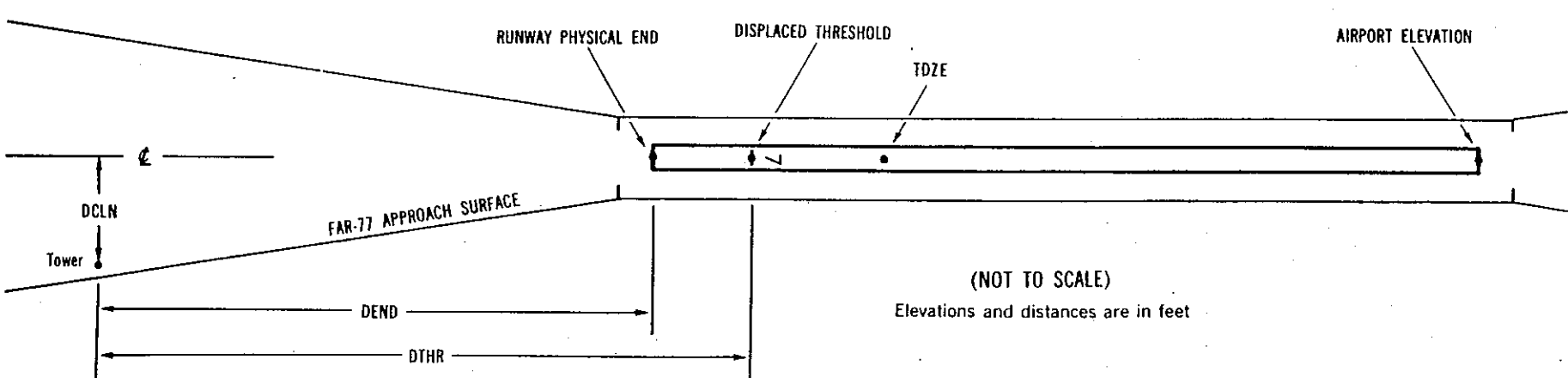
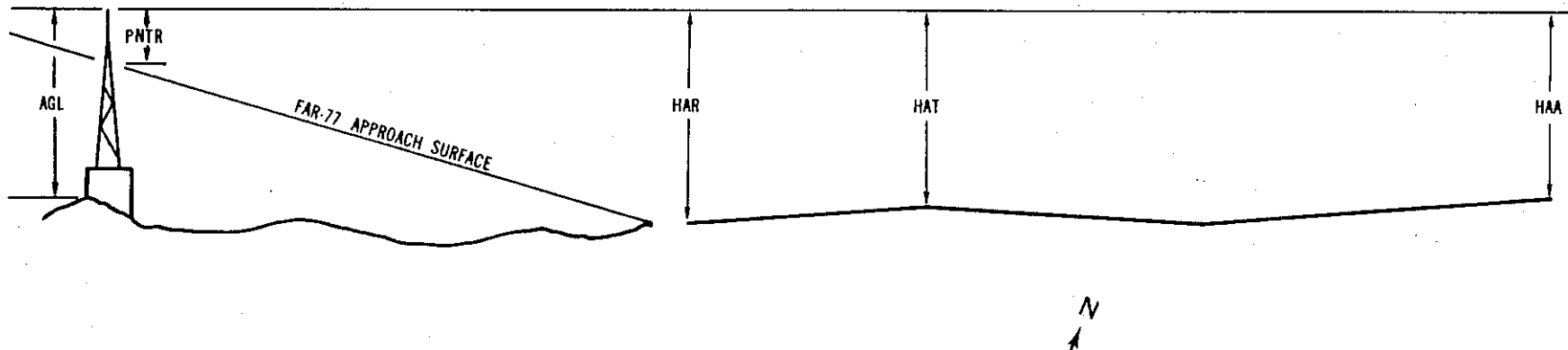
# ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x <sup>1</sup>	x <sup>2</sup>	XXXX/XXXX <sup>3</sup>	XXXXXX.XXX <sup>4</sup>	XXXXXXX.XXX <sup>4</sup>	XXXXXXX <sup>5</sup>	XXXX/XXXX <sup>6</sup>	XXXXXX.XXX <sup>7</sup>	XXXXXXX.XXX <sup>7</sup>				
OBJECT	LAT	LONG	A <sup>8</sup>	ELEV <sup>9</sup>	AGL <sup>10</sup>	HAR <sup>11</sup>	HAT <sup>11</sup>	HAA <sup>11</sup>	DEND <sup>12</sup>	DTHR <sup>12</sup>	DCLN <sup>12</sup>	PNTR <sup>13</sup>
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 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 displaced threshold
- 8 Accuracy codes:
- | Horizontal (Ft.) | Vertical (Ft.) |
|------------------|----------------|
| 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 displaced 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 PNTR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

OC0664

AIRPORT ELEVATION 62

14 PIR 61/ 61 390617.663 -1213428.516 1564601.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	390607.53	-1213427.77	1A	89		28	28	27	-965		350R	28
RAILROAD	390630.79	-1213435.77	1A	84		23	23	22	1446		2R	-2
TREE	390634.48	-1213445.82	1A	112		51	51	50	2102		582R	13
TREE	390638.37	-1213445.42	1A	114		53	53	52	2451		397R	8
TREE	390640.72	-1213445.08	1A	123		62	62	61	2659		279R	13
TREE	390647.59	-1213437.93	1A	138		77	77	76	3075		513L	20
TREE	390648.72	-1213436.36	1A	144		83	83	82	3131		671L	25
TREE	390646.73	-1213443.55	1A	141		80	80	79	3169		71L	21

32 C 58/ 61 390523.111 -1213358.467 3364620.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	390607.53	-1213427.77	1A	89		31	28	27	-5040		350L	28
OL ON LOC	390514.00	-1213353.46	1A	64		6	3	2	1003		0R	-17
ANT ON BLDG	390514.99	-1213350.24	1A	71		13	10	9	1011		272R	-10
POLE	390504.80	-1213339.61	1A	100		42	39	38	2288		636R	-19

5 AV 60/ 61 390548.510 -1213426.611 664640.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	390546.77	-1213436.32	1A	69		9	8	7	773		140L	-19
POLE	390544.86	-1213435.40	1A	69		9	8	7	782		66R	-20
RAILROAD	390545.32	-1213436.21	1A	85		25	24	23	822		2L	-6

OC0664

AIRPORT ELEVATION 62

23 AV 62/ 62 390601.295 -1213348.366 2464704.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	390604.39	-1213338.96	1A	77		15	15	15	805		5L	-15
RAILROAD	390605.75	-1213334.68	1A	90		28	28	28	1169		11L	-20
TREE	390609.81	-1213329.07	1A	134		72	72	72	1738		192R	-5

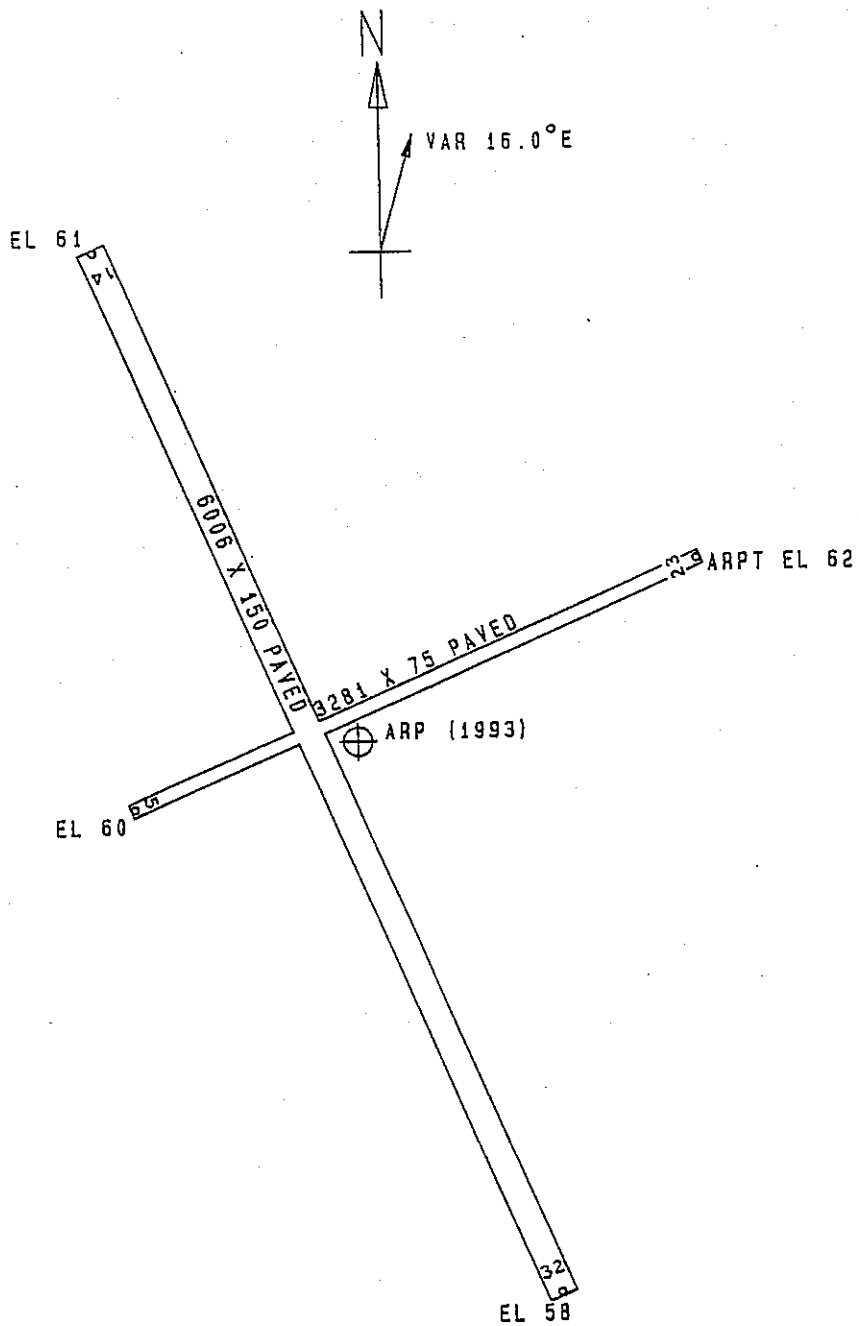


OC0664

AIRPORT ELEVATION 62

ARP 390551.982 -1213411.370

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
OL AMOM	390559.57	-1213406.05	1A	80		18	1237	875
OL VOR/DME	390555.10	-1213423.00	1A	88		26	27259	969
ANT AND APBN ON BLDG	390546.18	-1213357.69	1A	133		71	10233	1227
BLDG	390548.50	-1213439.07	1A	86		24	24450	2212
WSK	390616.39	-1213420.43	1A	83		21	32752	2571
TREE	390602.05	-1213338.43	1A	109		47	5234	2790
ANT	390607.49	-1213338.16	1A	108		46	4304	3052
POLE	390608.93	-1213334.00	1A	89		27	4347	3408
POLE	390624.31	-1213442.09	1A	91		29	30728	4069
TREE	390617.70	-1213318.85	1A	145		83	4151	4890
ANT	390638.53	-1213454.82	1A	120		58	30758	5823



TOUCHDOWN ZONE RUNWAY ELEVATION	
14	61
32	61
5	61
23	62

YUBA COUNTY AIRPORT  
 MARYSVILLE, CALIFORNIA  
 (NOT TO SCALE)  
 (ELEVATIONS AND DISTANCES IN FEET)