

OBSTRUCTION DATA SHEET

**ODS 557
CHICO MUNICIPAL AIRPORT
CHICO, CALIFORNIA**

DIGITIZED FROM

**OC 557
SURVEYED APRIL 1992
10TH EDITION**

**HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29**



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THE NATIONAL OCEAN SERVICE
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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.

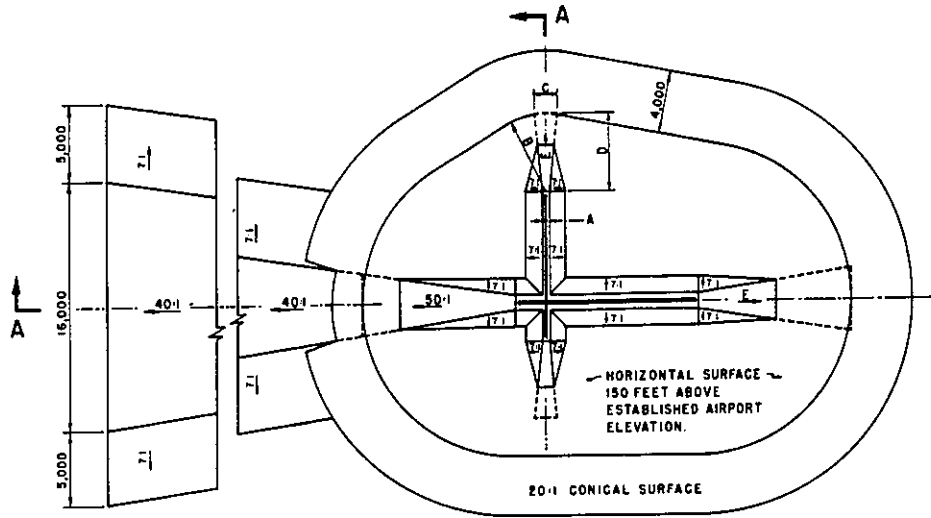
ODS information is arranged as follows:

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:

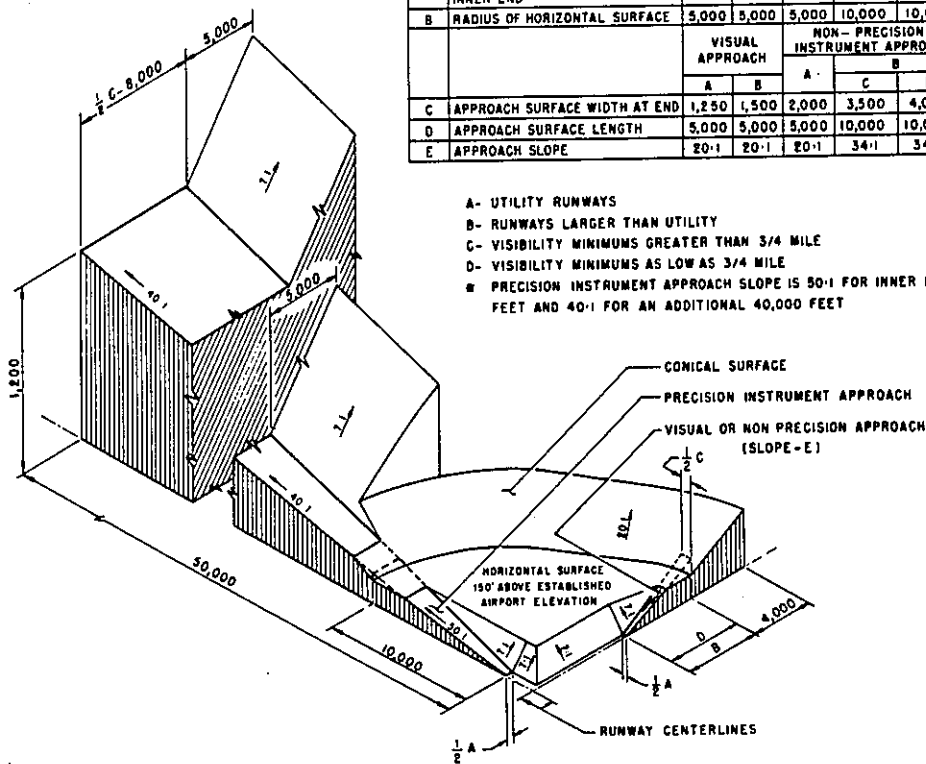
- A(V) Utility runway - visual approach only
- A(NP) Utility runway - nonprecision instrument approach
- B(V) Nonutility runway - visual approach only
- C Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
- D Nonutility runway- nonprecision instrument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

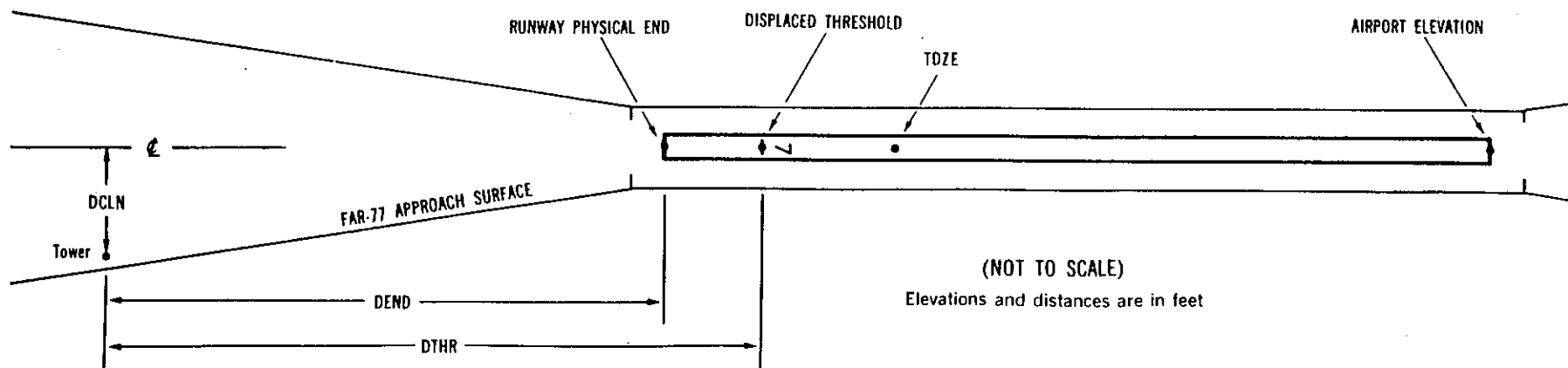
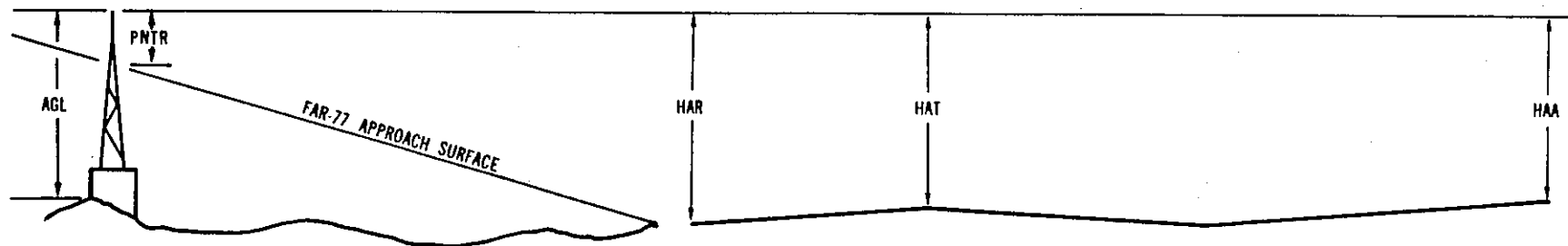
ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x¹ x² XXXX/XXXX³ XXXXXX.XXX⁴ XXXXXXXX.XXX⁴ XXXXXXXX⁵ XXXX/XXXX⁶ XXXXXX.XXX⁷ XXXXXXXX.XXX⁷

OBJECT	LAT	LONG	A ⁸	ELEV ⁹	AGL ¹⁰	HAR ¹¹	HAT ¹¹	HAA ¹¹	DEND ¹²	DTHR ¹²	DCLN ¹²	PNTR ¹³
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



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).

OC0557

AIRPORT ELEVATION 238

13L PIR 238/ 238 394812.176 -1215150.827 1472526.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WINDSOCK	394718.84	-1215110.84	1A	229		-9	-9	-9	-6228		275R	20
OL ON GS	394801.16	-1215147.01	1A	267		29	29	29	-1100		349R	34
OL ON LTD WINDSOCK	394809.44	-1215144.49	1A	262		24	24	24	-500		268L	27
FENCE CORNER	394819.23	-1215152.82	1A	249		11	11	11	685		253L	2
TREE	394824.80	-1215151.97	1A	282		44	44	44	1124		612L	26
TREE	394824.00	-1215201.28	1A	259		21	21	21	1448		43R	-4

31R C 205/ 224 394716.178 -1215104.452 3272556.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WINDSOCK	394809.44	-1215144.49	1A	262		57	38	24	-6224		268R	27
OL ON GS	394801.16	-1215147.01	1A	267		62	43	29	-5624		349L	34
OL ON LTD WINDSOCK	394718.84	-1215110.84	1A	229		24	5	-9	-496		275L	20
OL ON LOC	394712.01	-1215101.02	1A	209		4	-15	-29	500		1L	-5
ANTENNA ON BUILDING	394712.65	-1215058.46	1A	213		8	-11	-25	553		202R	-2
TREE	394710.49	-1215051.22	1A	239		34	15	1	1041		560R	9
TREE	394702.72	-1215054.66	1A	224		19	0	-14	1559		88L	-21

13R AV 225/ 225 394754.226 -1215146.592 1472640.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	394810.35	-1215203.55	1A	235		10	10	-3	2087		238R	-84
FENCE CORNER	394816.10	-1215203.54	1A	242		17	17	4	2578		76L	-101
TREE	394819.61	-1215208.51	1A	278		53	53	40	3086		59R	-91

OC0557

AIRPORT ELEVATION 238

31L AV 212/ 225 394729.198 -1215125.879 3272654.

OBJECT LAT LONG A EL AGL HAR HAT HAA DEND DTHR DCLN PNTR

*** NO OBSTRUCTIONS ***

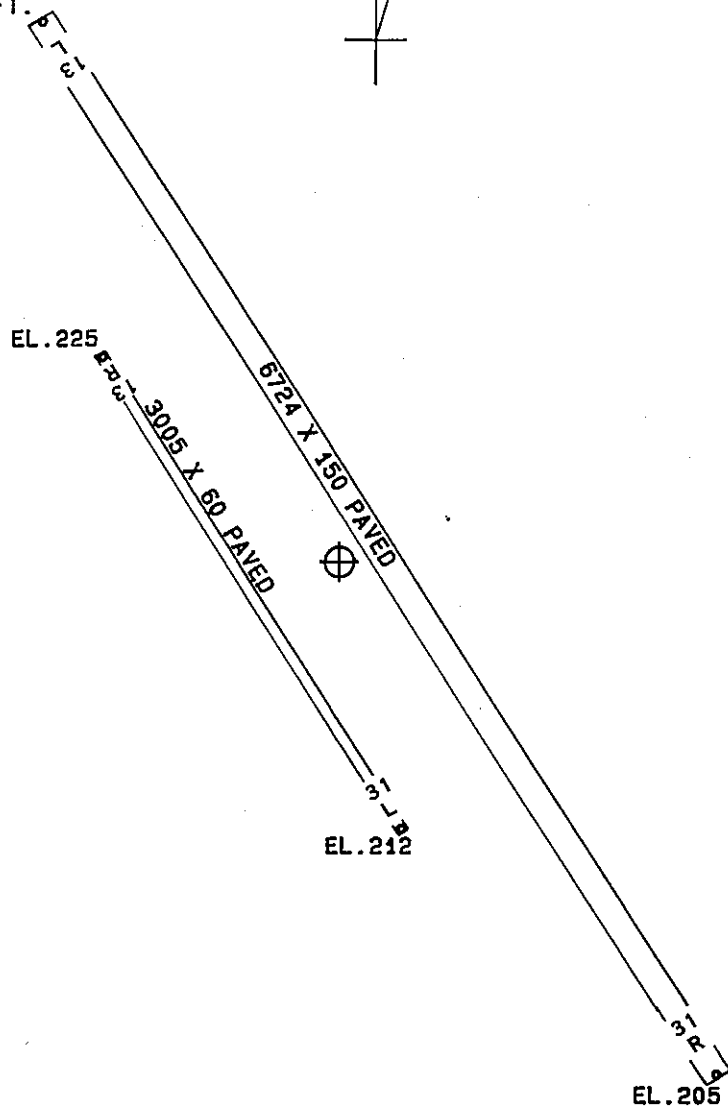
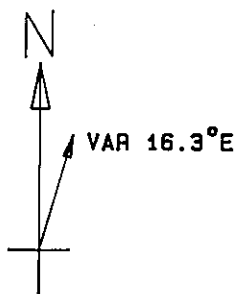
0C0557

AIRPORT ELEVATION 238

ARP 394743.416 -1215130.292

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
OL ON LTD WINDSOCK	394752.52	-1215126.09	1A	258		20	318	978
OL ON AMOM	394753.96	-1215127.18	1A	259		21	35632	1094
ANT & APBN ON OL ATCT	394754.80	-1215116.06	1A	312		74	2740	1600
ANTENNA ON POLE	394744.62	-1215106.15	1A	310		72	6959	1888
OL HANGAR	394811.73	-1215129.47	1A	292		54	34459	2865
TREE	394711.71	-1215050.97	1A	241		3	11957	4440
TREE	394825.89	-1215150.27	1A	286		48	32345	4571
TREE	394901.73	-1215039.12	1B	394		156	1026	8874
TREE	394811.56	-1214932.60	1B	462		224	5627	9617
TRMSN TWR	394845.35	-1214954.97	1B	426		188	3334	9727
TRMSN TWR	394908.95	-1215018.73	1B	442		204	1631	10300
TRMSN TWR	394815.86	-1214924.91	1B	519		281	5508	10322
TREE	394912.73	-1215019.35	1B	454		216	1511	10599
TREE	394820.47	-1214921.76	2C	536		298	5311	10710
TREE	394848.90	-1214941.61	2C	487		249	3541	10763
TRMSN TWR	394924.06	-1215034.08	1B	445		207	659	11089
TREE	394734.92	-1214900.44	1B	494		256	7753	11729
TREE	394826.26	-1214908.00	2C	588		350	5221	11922
TRMSN TWR	394940.66	-1215050.63	2C	446		208	35819	12260
TRMSN TWR	394743.14	-1214851.42	2C	547		309	7348	12401
TREE	394751.91	-1214835.14	2C	605		367	7005	13698
TREE	394929.75	-1214938.48	2C	557		319	2243	13853
TREE	394857.80	-1214859.06	2C	599		361	4109	13998
TREE	394957.83	-1215014.05	2C	572		334	719	14845

ARPT ELEV. 238 FT.



**TOUCHDOWN ZONE
RUNWAY ELEVATION**

13L	238
31R	224
13R	225
31L	225

CHICO MUNICIPAL AIRPORT
CHICO, CALIFORNIA
(NOT TO SCALE)