

# OBSTRUCTION DATA SHEET

**ODS 5108  
PAGE MUNICIPAL AIRPORT  
PAGE, ARIZONA**

**DIGITIZED FROM**

**OC 5108  
SURVEYED 6 OCTOBER 1992  
5TH EDITION**

**HORIZONTAL DATUM NAD83  
VERTICAL DATUM NGVD29**



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U.S. DEPARTMENT OF COMMERCE  
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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.

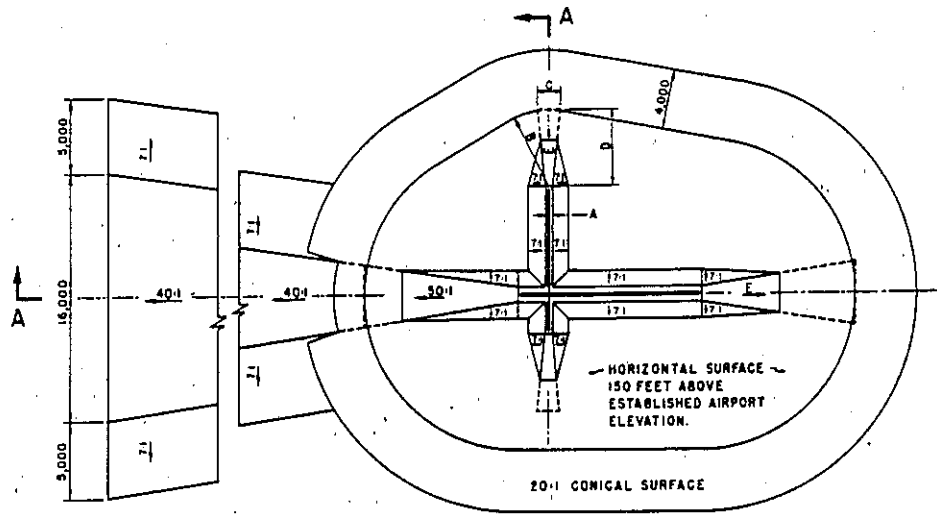
ODS information is arranged as follows:

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:

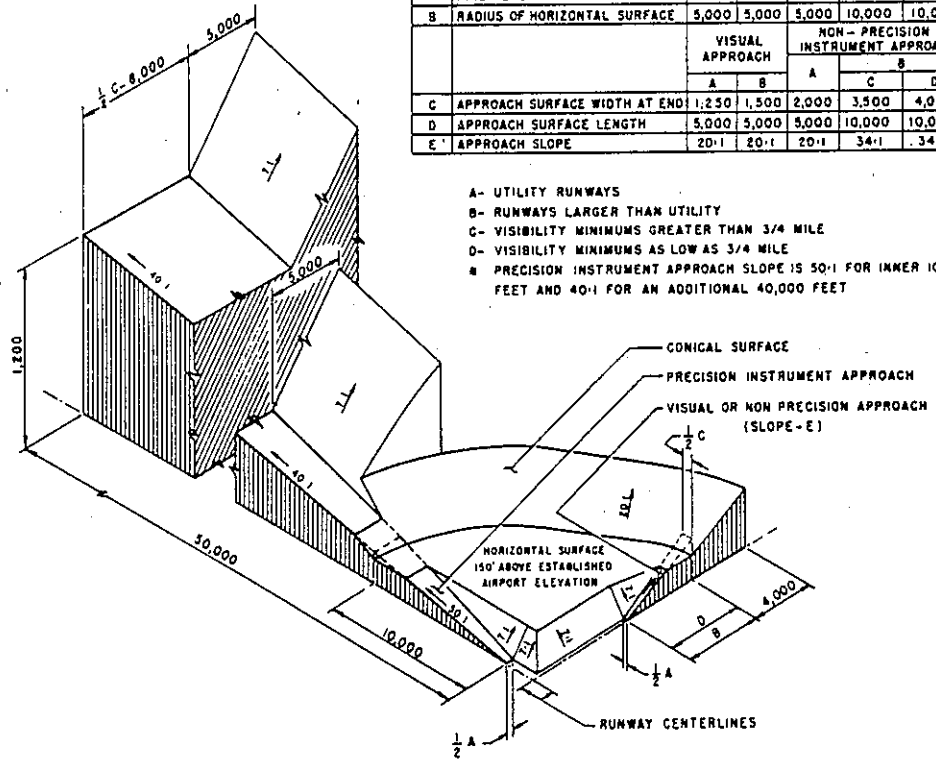
- A(V) ..... Utility runway - visual approach only
- A(NP) .... Utility runway - nonprecision instrument approach
- B(V) ..... Nonutility runway - visual approach only
- C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
- D ..... Nonutility runway-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

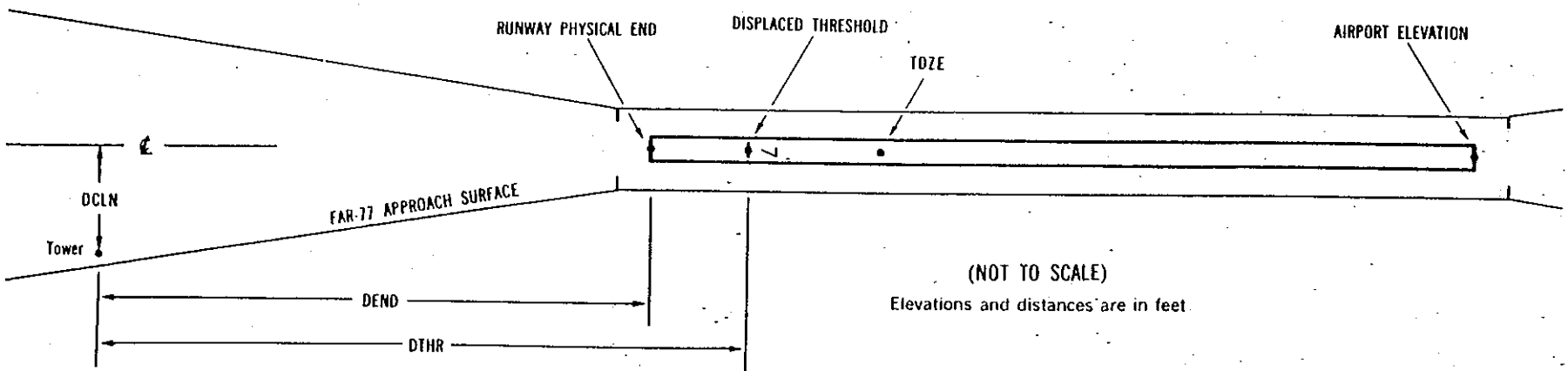
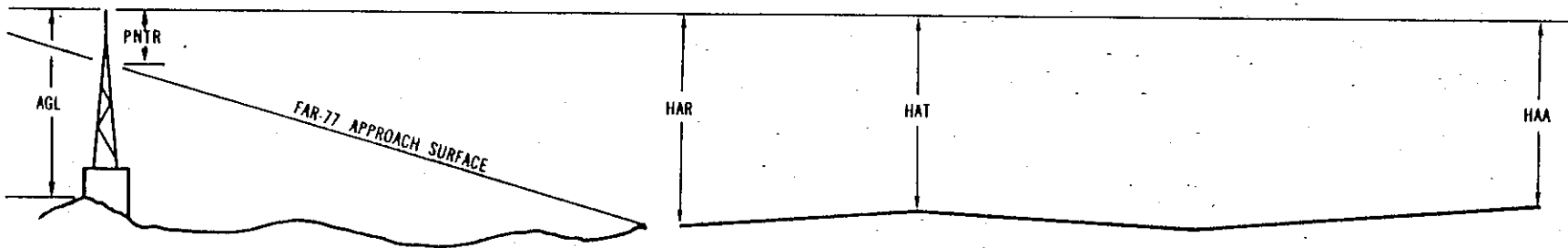
# ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

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	XXXXX	XXXX
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXXX	XXXX

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## 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).

OC5108

AIRPORT ELEVATION 4310

15 SUPLC 4243/4265 365555.697 -1112657.911 1700630.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	365500.71	-1112645.99	1A	4314		71	49	4	-5645		2R	5
SIGN	365501.27	-1112649.04	1A	4315		72	50	5	-5546		236R	7
BUSH	365502.28	-1112643.71	1A	4314		71	49	4	-5520		208L	7
BUSH	365602.59	-1112656.87	1A	4248		5	-17	-62	672		203L	-9

33 SUPLC 4310/4310 365502.144 -1112646.281 3500637.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	365502.28	-1112643.71	1A	4314		4	4	4	23		208R	7
SIGN	365501.27	-1112649.04	1A	4315		5	5	5	48		236L	7
GROUND	365500.71	-1112645.99	1A	4314		4	4	4	147		2L	5
GROUND	365457.88	-1112648.75	1A	4323		13	13	13	390		272L	8
POST	365456.05	-1112647.61	1A	4329		19	19	19	588		212L	8

7 NUL 365545.021 -1112712.667 815838.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
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\*\*\* NO OBSTRUCTIONS \*\*\*

OC5108

AIRPORT ELEVATION 4310

25 NUL

365548.055 -1112645.839 2615854.

OBJECT

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

\*\*\* NO OBSTRUCTIONS \*\*\*

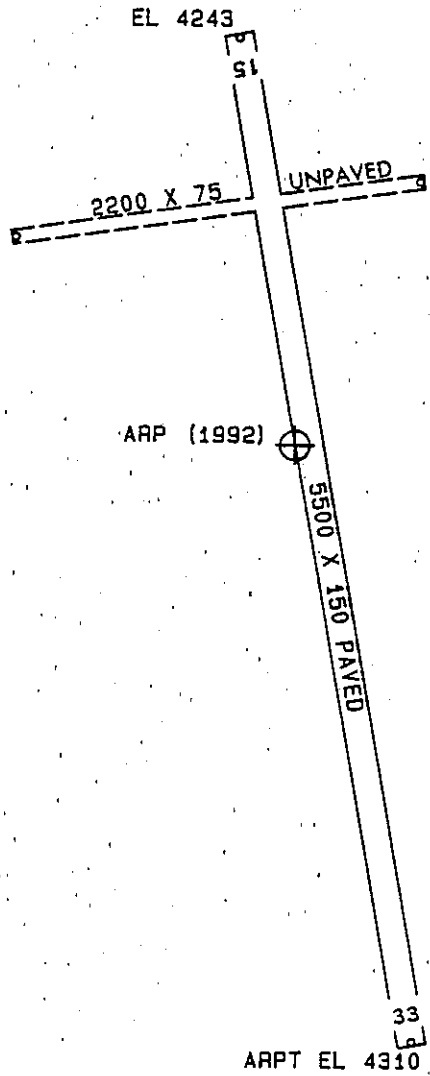
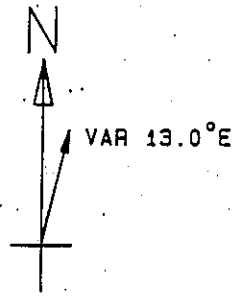


OC5108

AIRPORT ELEVATION 4310

ARP 365533.955 -1112654.141

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	365527.53	-1112658.68	1A	4303		-7	19632	747
ROD ON OL APBN	365527.54	-1112701.71	1A	4325		15	21027	893
GROUND	365526.26	-1112648.39	1A	4274		-36	13600	907
OL ON VOR/DME	365541.03	-1112702.46	1A	4273		-37	30338	984
ANT ON BLDG	365521.46	-1112657.32	1A	4310		0	17833	1290
OL ON LTD WSK	365522.36	-1112645.75	1A	4293		-17	13649	1356
WSK	365549.33	-1112651.38	1A	4262		-48	35512	1571
OL AMOM	365515.60	-1112654.83	1A	4324		14	16844	1857
FENCE	365556.11	-1112654.74	1A	4250		-60	34545	2241
ANT ON OL TANK	365430.37	-1112713.82	1A	4482		172	18057	6626



TOUCHDOWN ZONE RUNWAY ELEVATION	
15	4265
33	4310

PAGE MUNICIPAL AIRPORT  
PAGE, ARIZONA  
(NOT TO SCALE)  
(ELEVATIONS AND DISTANCES IN FEET)