

OBSTRUCTION DATA SHEET

ODS 6968
PAYSON AIRPORT
PAYSON, ARIZONA

DIGITIZED FROM

OC 6968
SURVEYED APRIL 1993
1ST EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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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.

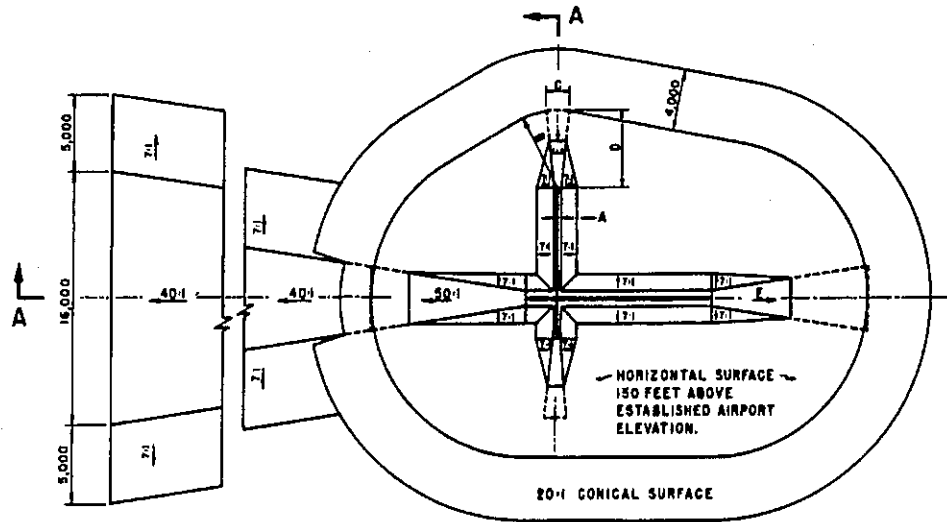
ODS information is arranged as follows:

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.

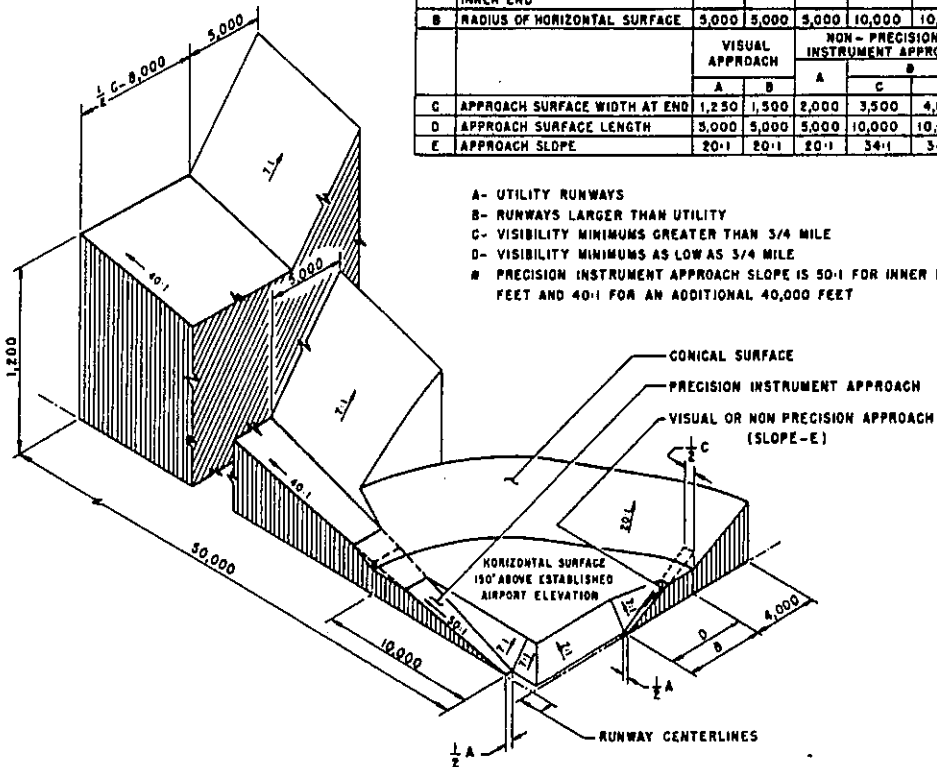
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

- 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		
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	3,000	5,000	3,000	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

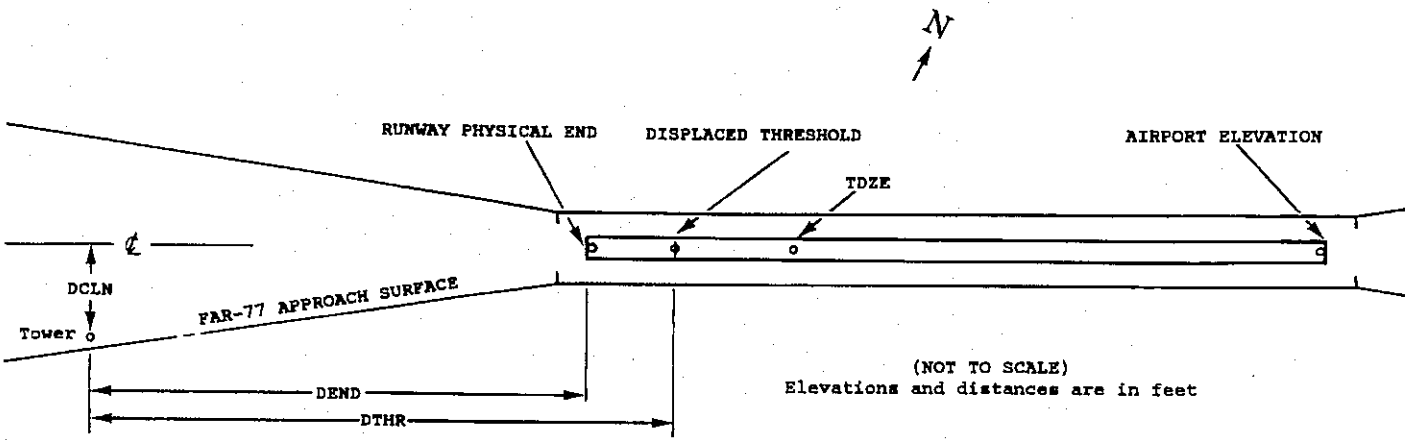
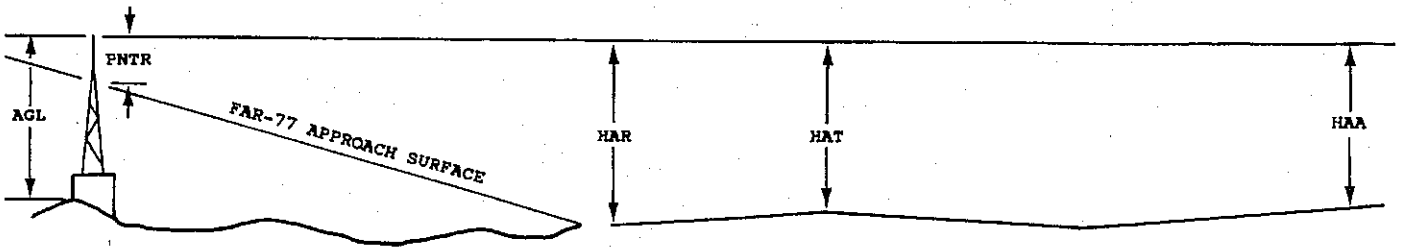
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

	1	2	3	4	4	5	6	7	7					
	X	X	XXXX/XXXX	XXXXXX.XXX	XXXXXX.XXX	XXXXXX	XXXX/XXXX	XXXXXX.XXX	XXXXXX.XXX					
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		XXXXXX.XXX		XX XXXX XXXX	XXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXX		XXXXXX.XXX		XXXXXX.XXX		XX XXXX XXXX	XXX	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 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).

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AIRPORT ELEVATION 5157

6 AV 5139/5142 341518.017 -1112053.119 755828.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	341530.54	-1111946.91	1A	5170		31	28	13	-5699		118R	13
BUSH	341530.45	-1111948.28	1A	5161		22	19	4	-5586		99R	5
BUSH	341528.73	-1112007.11	1A	5147		8	5	-10	-4009		115L	5
GROUND	341524.30	-1112016.86	1A	5134		-5	-8	-23	-3107		122R	3
BUSH	341522.53	-1112037.06	1A	5146		7	4	-11	-1419		116L	10
BUSH	341520.52	-1112046.41	1A	5149		10	7	-8	-608		109L	8
GROUND	341519.79	-1112050.44	1A	5146		7	4	-11	-262		119L	5
FENCE	341517.01	-1112053.86	1A	5141		2	-1	-16	85		84R	2
TREE	341515.51	-1112058.35	1A	5139		0	-3	-18	487		139R	-14
TREE	341518.01	-1112100.81	1A	5147		8	5	-10	627		156L	-13

24 AV 5157/5157 341531.203 -1111949.521 2555904.

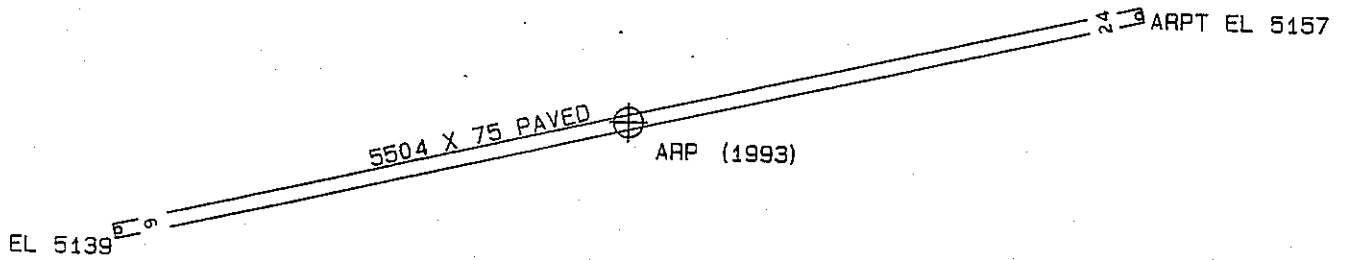
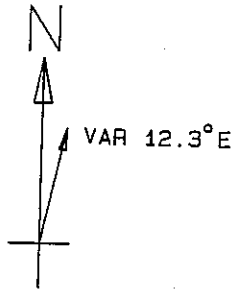
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	341517.01	-1112053.86	1A	5141		-16	-16	-16	-5588		84L	2
GROUND	341519.79	-1112050.44	1A	5146		-11	-11	-11	-5241		119R	5
BUSH	341520.52	-1112046.41	1A	5149		-8	-8	-8	-4895		109R	8
BUSH	341522.53	-1112037.06	1A	5146		-11	-11	-11	-4084		116R	10
GROUND	341524.30	-1112016.86	1A	5134		-23	-23	-23	-2395		122L	3
BUSH	341528.73	-1112007.11	1A	5147		-10	-10	-10	-1493		115R	5
BUSH	341530.45	-1111948.28	1A	5161		4	4	4	83		99L	5
TREE	341530.54	-1111946.91	1A	5170		13	13	13	196		118L	13
TREE	341532.69	-1111946.90	1A	5154		-3	-3	-3	250		92R	-5

OC6968

AIRPORT ELEVATION 5157

ARP 341524.611 -1112021.321

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	341527.33	-1112016.24	1A	5146		-11	4455	507
APBN	341521.54	-1112014.16	1A	5186		29	10500	676
WSK ON OL LT	341523.48	-1112013.33	1A	5169		12	8722	681
BUSH	341523.87	-1112031.30	1A	5141		-16	25234	841
TREE	341520.31	-1112030.08	1A	5164		7	22707	854
OL ON LT	341524.17	-1112009.70	1A	5176		19	8017	976
WTEE	341528.38	-1112010.15	1A	5145		-12	5534	1012
OL ON LT	341519.68	-1112032.32	1A	5161		4	22921	1049
TREE	341524.80	-1112005.92	1A	5179		22	7650	1293
OL ON TANK	341515.27	-1112008.12	1A	5264		107	11808	1455
TREE	341522.12	-1112045.00	1A	5176		19	25028	2003
TREE	341531.38	-1111957.30	1A	5181		24	5857	2129
GROUND	341528.58	-1111955.76	1A	5157		0	6707	2183
LTD WSK	341531.20	-1111956.00	1A	5172		15	6017	2228
TREE	341527.72	-1111952.12	1A	5190		33	7022	2471
TREE	341532.38	-1111952.36	1A	5171		14	5948	2555
TREE	341521.97	-1112051.87	1A	5185		28	25145	2578
WSK	341515.77	-1112051.70	1A	5154		-3	23823	2702
BUSH	341519.26	-1112053.68	1A	5148		-9	24626	2770
TREE	341516.42	-1112054.65	1A	5147		-10	24112	2918
TREE	341529.85	-1111946.36	1A	5177		20	6727	2982
TREE	341519.01	-1112057.35	1A	5154		-3	24706	3077
OL ON TWR	341601.28	-1111859.27	1A	5272	207	115	4924	7822
OL ON TWR	341559.38	-1111854.37	1A	5278		121	5158	8101



TOUCHDOWN ZONE	
RUNWAY ELEVATION	
6	5142
24	5157

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