

OBSTRUCTION DATA SHEET

**ODS 5055
OCALA MUNICIPAL AIRPORT (JIM TAYLOR FIELD)
OCALA, FLORIDA**

DIGITIZED FROM

**OC 5055
SURVEYED JANUARY 1990
8TH EDITION**



PREPARED AND DISTRIBUTED BY
THE NATIONAL OCEAN SERVICE
U.S. DEPARTMENT OF COMMERCE
FOR THE FEDERAL AVIATION ADMINISTRATION

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:

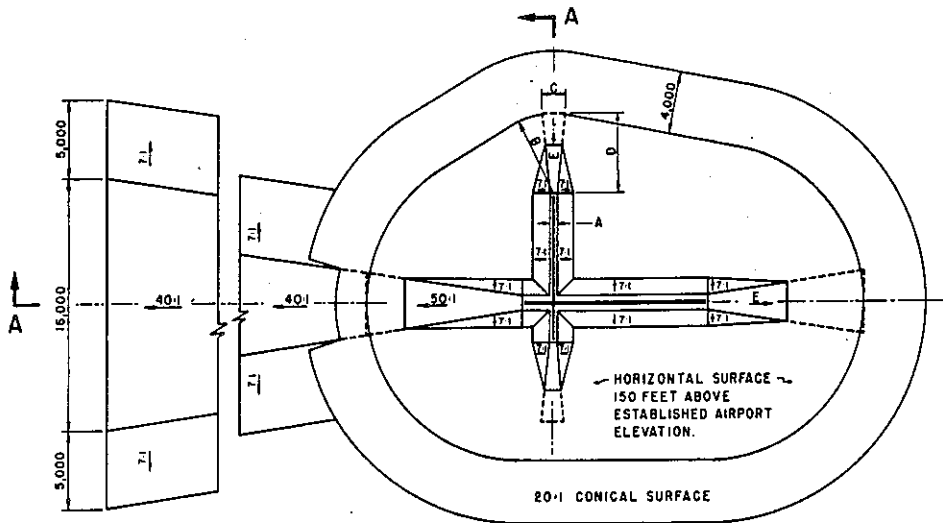
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the 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):

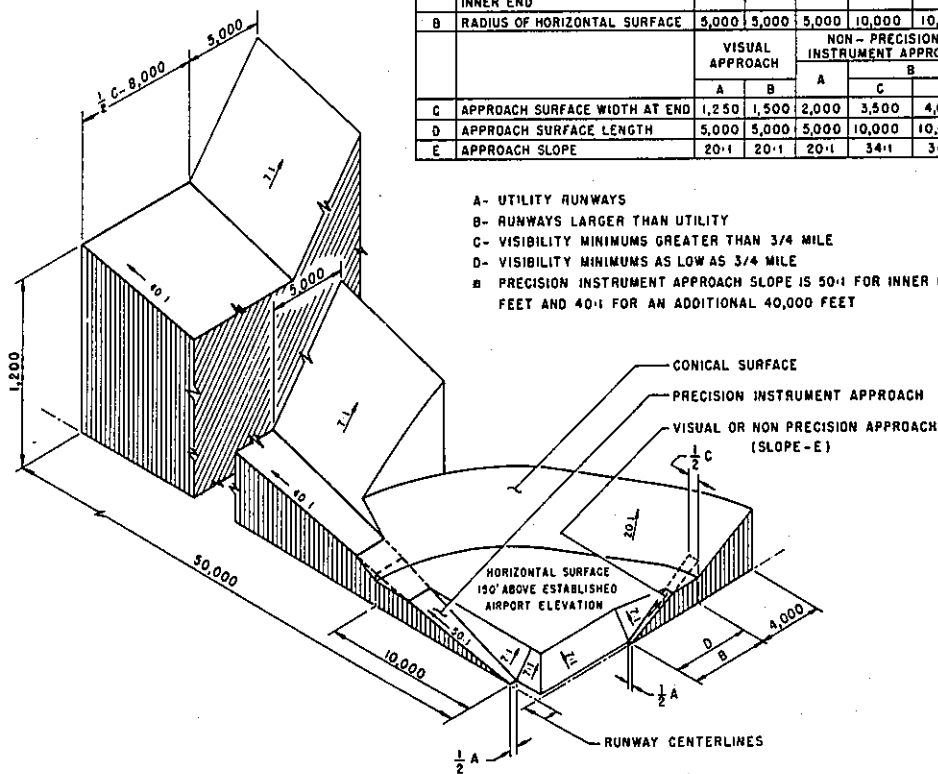
- A(V) Utility runway - visual approach only
- A(NP) Utility runway - nonprecision instrument approach
- B(V) Nonutility runway - visual approach only
- C Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
- D Nonutility runway - nonprecision instrument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



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

- 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
- E- PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

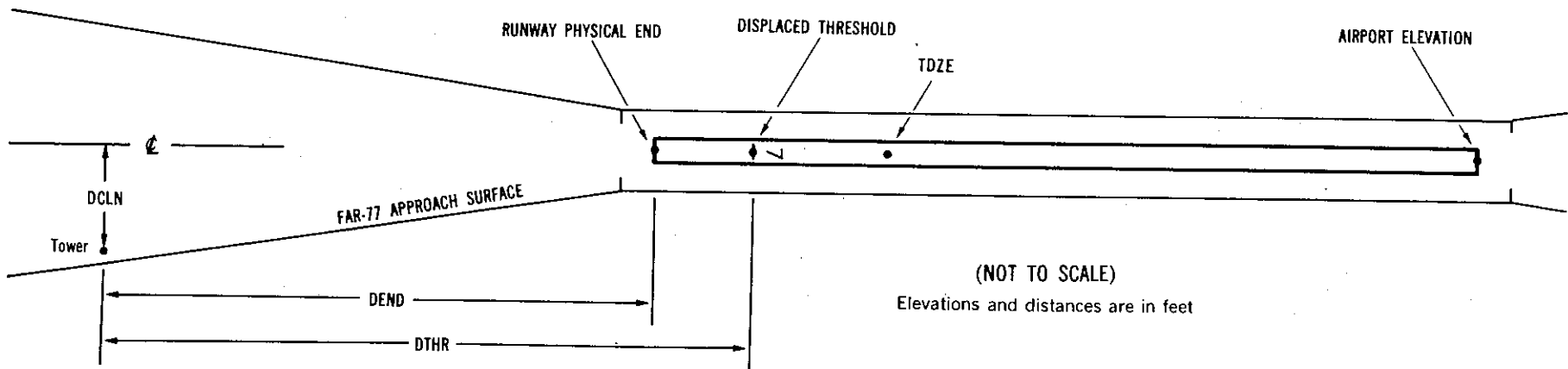
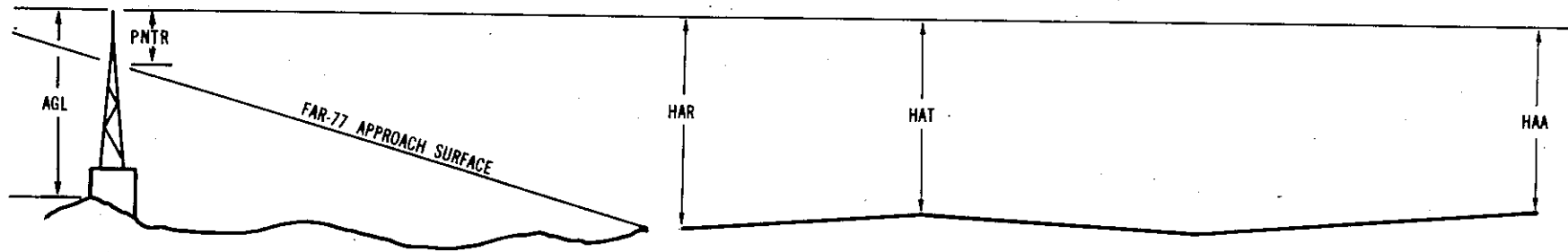
ANNOTATION OF ODS DATA FORMAT

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 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).

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AIRPORT ELEVATION 90

8 A(V) 88/90 291044.891N 0821353.780W 2595531

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	291046.32	0821335.54	1A	107		19	17	17	-1617		141R	20
TREE	291042.87	0821407.53	1A	127		39	37	37	1235		13L	-13

26 A(V) 89/90 291050.102N 0821320.355W 0795547

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	291046.32	0821335.54	1A	107		18	17	17	-1392		141L	20
POLE	291050.54	0821308.38	1A	110		21	20	20	1053		142L	-22

36 D 78/81 290934.436N 0821323.641W 1795519

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	291044.79	0821329.33	1A	102		24	21	12	-7107		494L	21
OL ON WINDSOCK	291017.99	0821328.11	1A	107		29	26	17	-4400		391L	26
TREE	291003.16	0821317.91	1A	92		14	11	2	-2901		512R	11
TREE	291001.32	0821329.12	1A	111		33	30	21	-2716		482L	30
TREE	290936.26	0821329.09	1A	102		24	21	12	-185		483L	24
TREE	290931.34	0821329.53	1A	106		28	25	16	312		523L	25
TREE	290926.59	0821330.30	1A	96		18	15	6	792		592L	1

OC5055

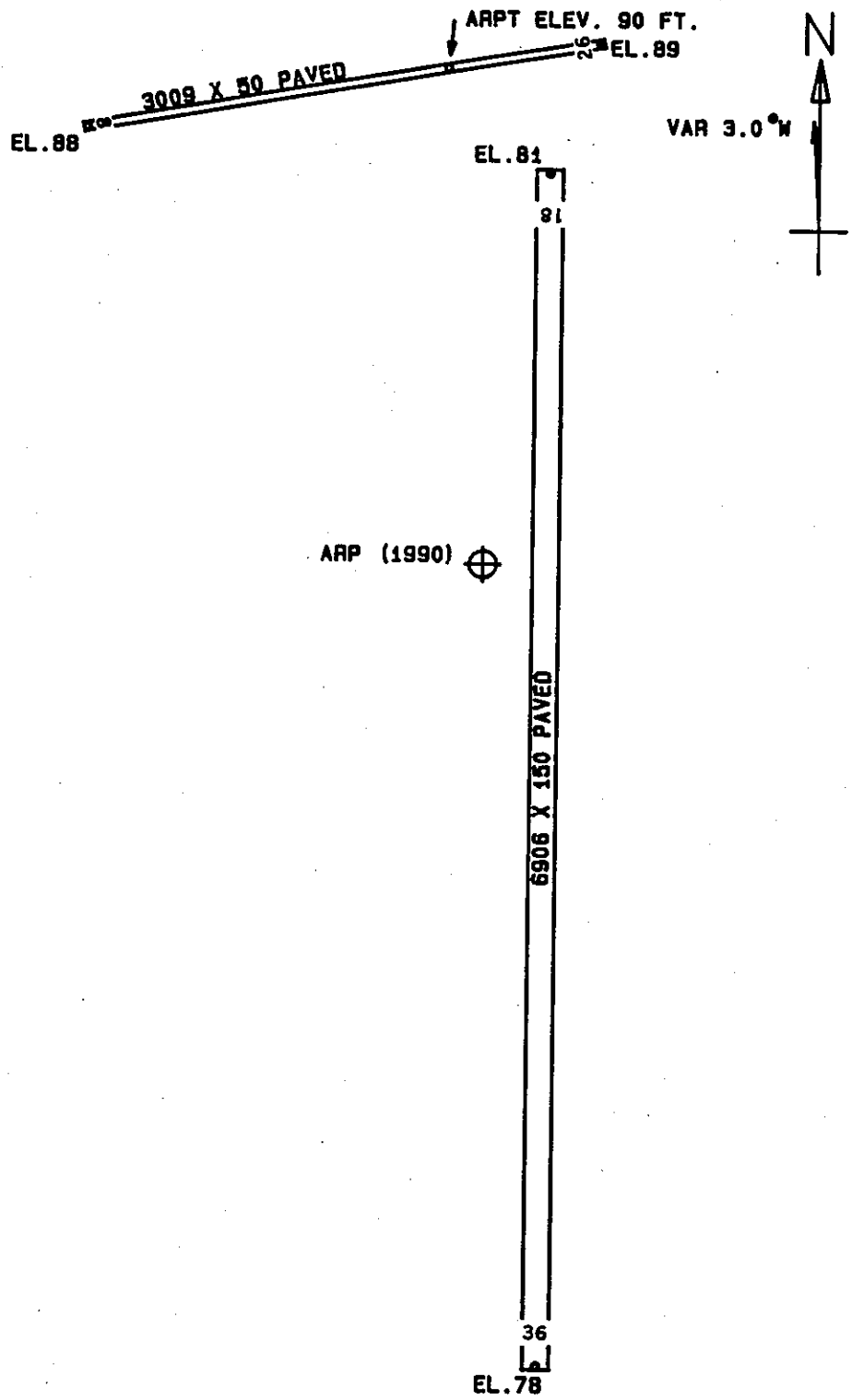
AIRPORT ELEVATION 90

18 SUPLC 81/81 291042.807N 0821323.747W 3595519

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	290936.26	0821329.09	1A	102		21	21	12	-6721		483R	24
TREE	291001.32	0821329.12	1A	111		30	30	21	-4190		482R	30
TREE	291003.16	0821317.91	1A	92		11	11	2	-4005		512L	11
OL ON WINDSOCK	291017.99	0821328.11	1A	107		26	26	17	-2506		391R	26
TREE	291044.79	0821329.33	1A	102		21	21	12	201		494R	21
OL ON LOCALIZER	291047.21	0821323.75	1A	90		9	9	0	445		OL	2
TREE	291109.96	0821322.96	1A	162		81	81	72	2743		74L	6

ARP 291020.421N 0821327.753W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE
SIGN	291027.09	0821317.85	1A	100		10	55	29	1107
ANTENNA ON AIRPORT BEACON	291020.94	0821312.69	1A	149		59	90	46	1337
LIGHT STANDARD	291015.74	0821313.31	1A	140		50	113	16	1365
GROUND	291009.30	0821317.79	1A	84		-6	144	50	1429
LIGHT STANDARD	291031.47	0821313.53	1A	139		49	51	29	1684
VORTAC	291037.99	0821335.50	1A	117		27	341	50	1902
TREE	290959.43	0821331.12	1A	135		45	191	1	2141
TREE	291046.53	0821330.97	1A	115		25	356	50	2653
TREE	290955.88	0821315.77	1A	118		28	159	48	2697
TREE	291044.69	0821345.41	1A	104		14	330	27	2908
TREE	290951.64	0821331.11	1A	121		31	188	50	2922
TREE	290949.96	0821329.87	1A	110		20	186	29	3083
TREE	291042.29	0821354.14	1A	119		29	316	22	3217
TREE	291041.20	0821358.75	1A	122		32	310	22	3458
TREE	290945.60	0821329.57	1A	116		26	185	37	3521
TREE	291047.52	0821357.37	1A	112		22	319	12	3793
TREE	290939.23	0821316.10	1A	136		46	169	3	4287
TREE	290932.42	0821329.91	1A	108		18	185	16	4852



TOUCHDOWN ZONE RUNWAY ELEVATION	
8	90
26	90
18	81
36	81

OCALA MUNICIPAL AIRPORT (JIM TAYLOR FIELD)
 OCALA, FLORIDA
 (NOT TO SCALE)