

OBSTRUCTION DATA SHEET

**ODS 268
MOBILE DOWNTOWN AIRPORT
MOBILE, ALABAMA**

DIGITIZED FROM

**OC 268
SURVEYED FEBRUARY 1992
1ST EDITION**

**HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29**



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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.

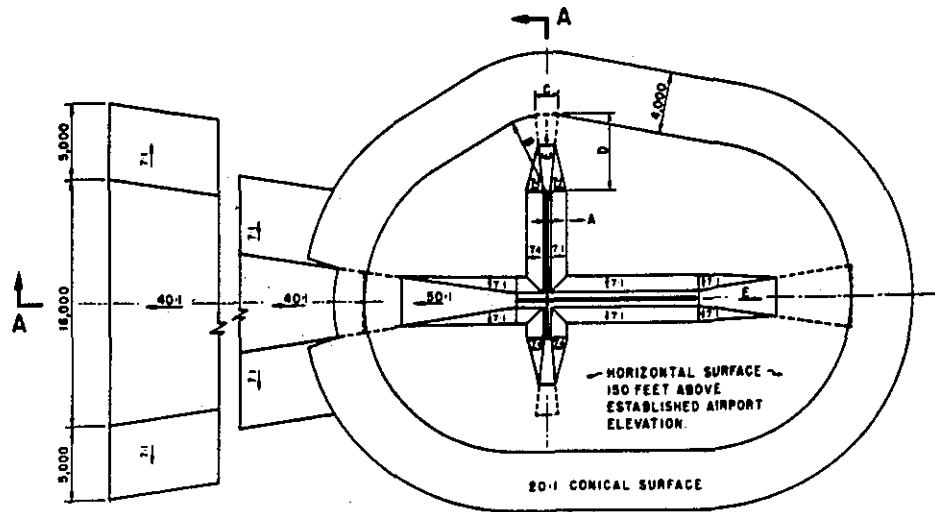
ODS information is arranged as follows:

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:

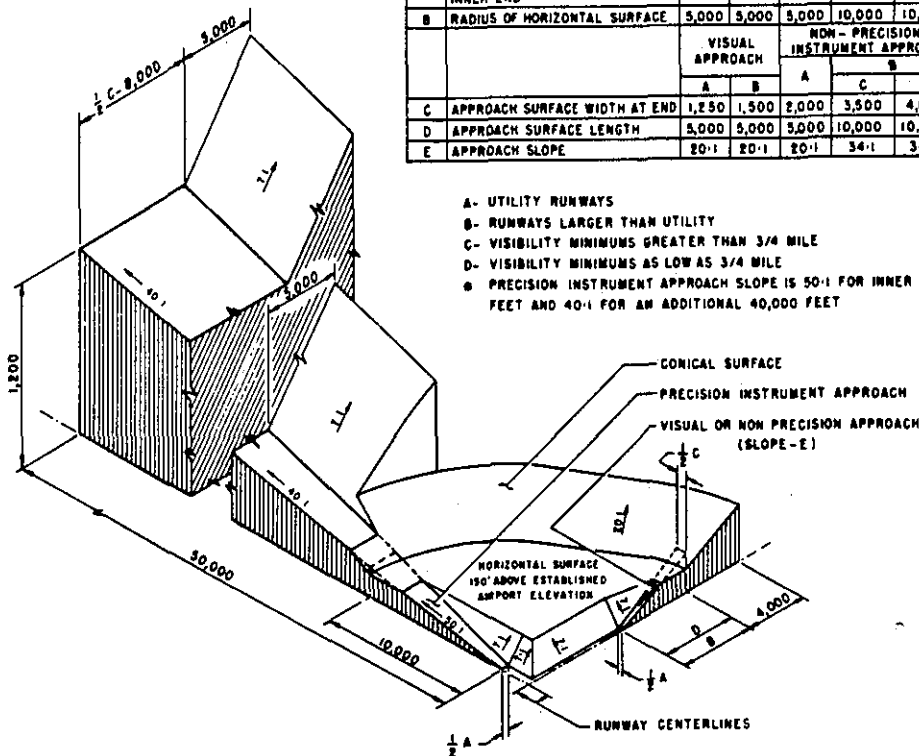
A(V) Utility runway - visual approach only
A(NP) Utility runway - nonprecision instrument approach
B(V) Nonutility runway - visual approach only
C Nonutility runway - nonprecision instrument
approach with visibility minimums greater than
3/4 mile
D Nonutility runway- nonprecision instrument approach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

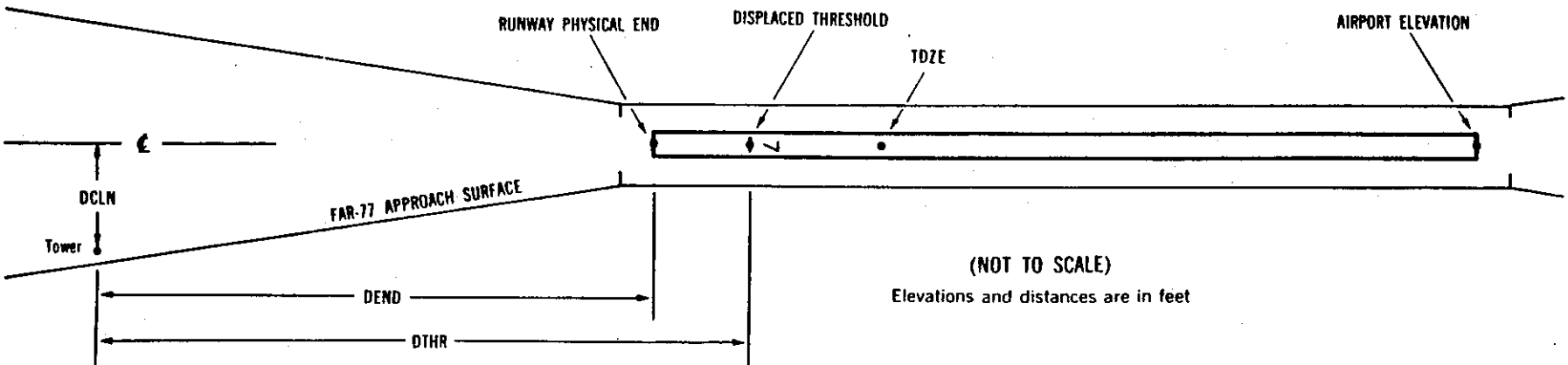
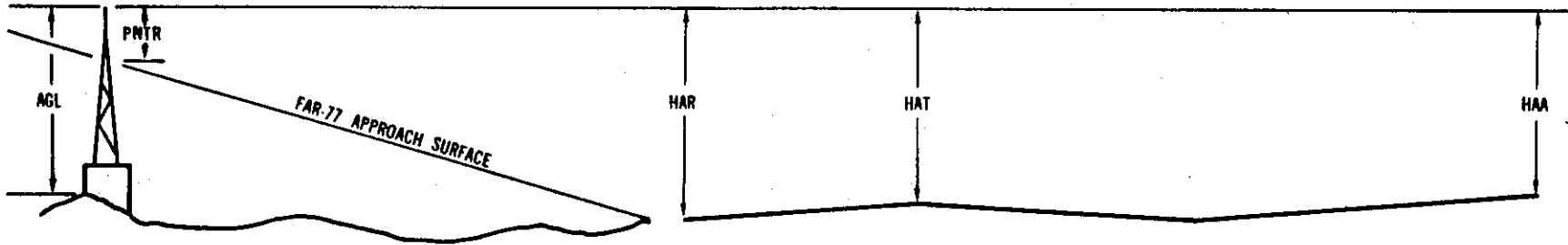
ANNOTATION OF ODS DATA FORMAT

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).

AIRPORT ELEVATION 26

14 C 26/ 26 303759.103 -880447.790 1384438.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS (NON-COM)	303652.36	-880346.20	1A	62		36	36	36	-8618		400R	40
OL ON WINDSOCK	303656.81	-880340.40	1A	25		-1	-1	-1	-8614		277L	3
OL ON WINDSOCK	303753.42	-880437.81	1A	31		5	5	5	-1006		277L	5
TREE	303803.43	-880500.97	1A	54		28	28	28	1088		577R	2
OL ON LOC (NON-COM)	303807.71	-880456.52	1A	35		9	9	9	1156		OR	-20
TREE	303809.44	-880501.00	1A	70		44	44	44	1546		179R	4
TREE	303812.24	-880504.79	1A	80		54	54	54	1977		241R	1
TREE	303818.70	-880502.78	1A	98		72	72	72	2352		321L	8
TREE	303820.06	-880506.40	1A	98		72	72	72	2664		173L	-1

32 PIR 19/ 25 303647.534 -880335.213 3184515.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WINDSOCK	303753.42	-880437.81	1A	31		12	6	5	-8611		277R	5
OL ON WINDSOCK	303656.81	-880340.40	1A	25		6	0	-1	-1004		277R	3
ROD ON OL GS (NON-COM)	303652.36	-880346.20	1A	62		43	37	36	-1000		400L	40

18 SUPLC 26/ 26 303831.201 -880357.302 1795813.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	303842.77	-880357.38	1A	65		39	39	39	1169		6R	11
POLE	303844.72	-880358.29	1A	64		38	38	38	1366		86R	4
TREE	303846.26	-880353.58	1A	84		58	58	58	1521		326L	20
TREE	303850.01	-880353.55	1A	82		56	56	56	1900		329L	6
POLE	303918.38	-880403.47	1A	124		98	98	98	4767		536R	-36

AIRPORT ELEVATION 26

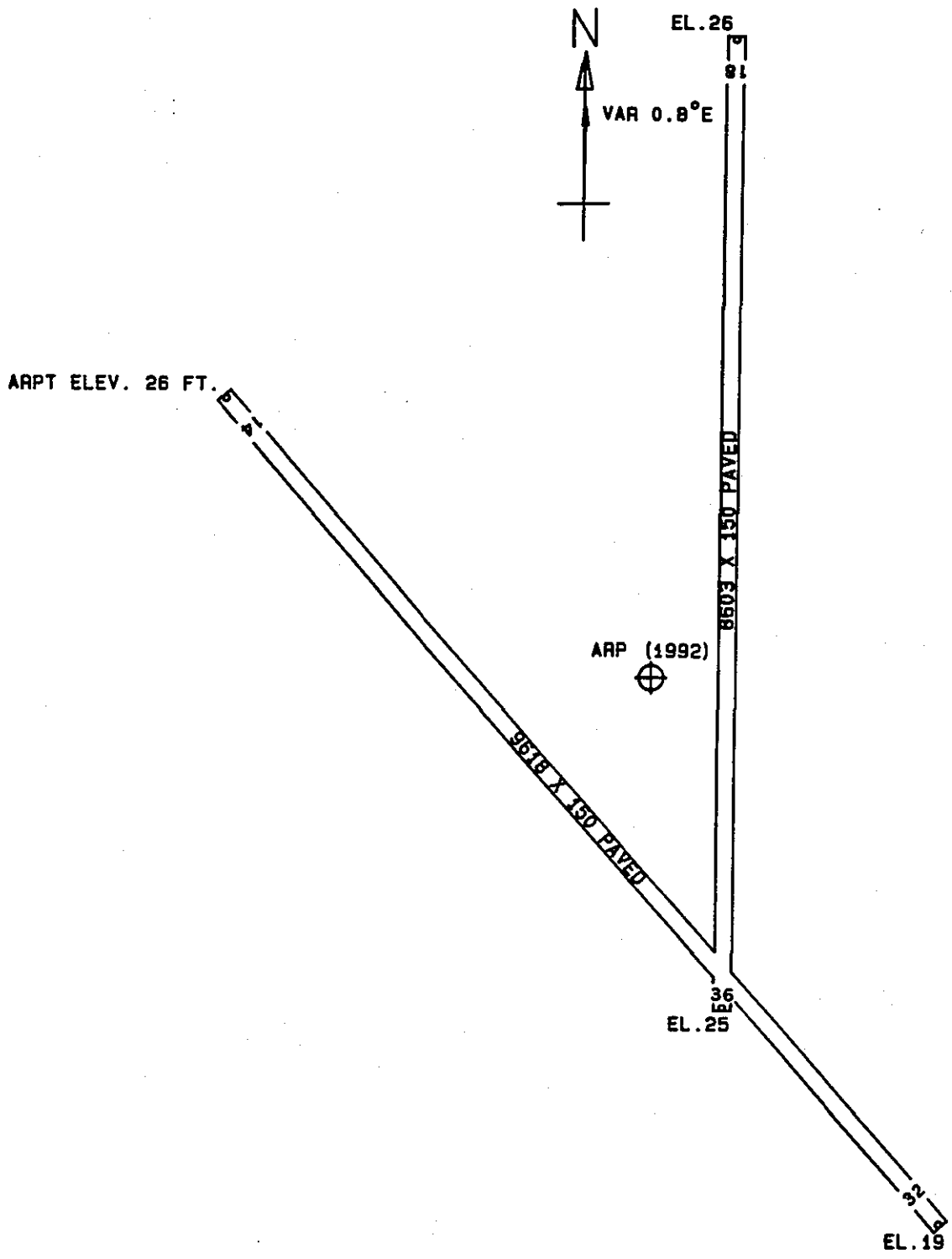
36 C 25/ 26 303706.055 -880357.251 3595813.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	303653.13	-880400.58	1A	92		67	66	66	1305		292L	35
TREE	303648.13	-880354.89	1A	90		65	64	64	1811		206R	18

AIRPORT ELEVATION 26

ARP 303735.269 -880404.783

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT AND APBN ON OL ATCT	303738.13	-880406.14	1A	148		122	33652	313
TREE	303725.75	-880425.58	1A	81		55	24118	2056
TREE	303737.34	-880433.36	1A	48		22	27359	2505
TREE	303705.75	-880406.01	1A	79		53	18115	2984
TREE	303821.54	-880348.35	1A	103		77	1616	4890
TREE	303646.82	-880351.08	1A	97		71	16527	5039
TREE	303641.36	-880346.60	1A	94		68	16256	5673
ANT ON OL POLE	303645.56	-880320.81	1A	54		28	14146	6323
OL VORTAC	303645.81	-880319.77	1B	50		24	14059	6359
TREE	303844.33	-880352.39	1A	73		47	801	7061
TREE	303630.07	-880333.03	1A	90		64	15621	7148
SIGN	303812.98	-880517.73	1A	119		93	30004	7425



TOUCHDOWN ZONE RUNWAY ELEVATION	
14	26
32	25
18	26
36	26

MOBILE DOWNTOWN AIRPORT
MOBILE, ALABAMA
(NOT TO SCALE)