

OBSTRUCTION DATA SHEET

ODS 5855
GOLDEN TRIANGLE REGIONAL AIRPORT
COLUMBUS - WEST POINT - STARKVILLE, MISSISSIPPI

DIGITIZED FROM

OC 5855
SURVEYED FEBRUARY 1991
7TH EDITION



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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 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:

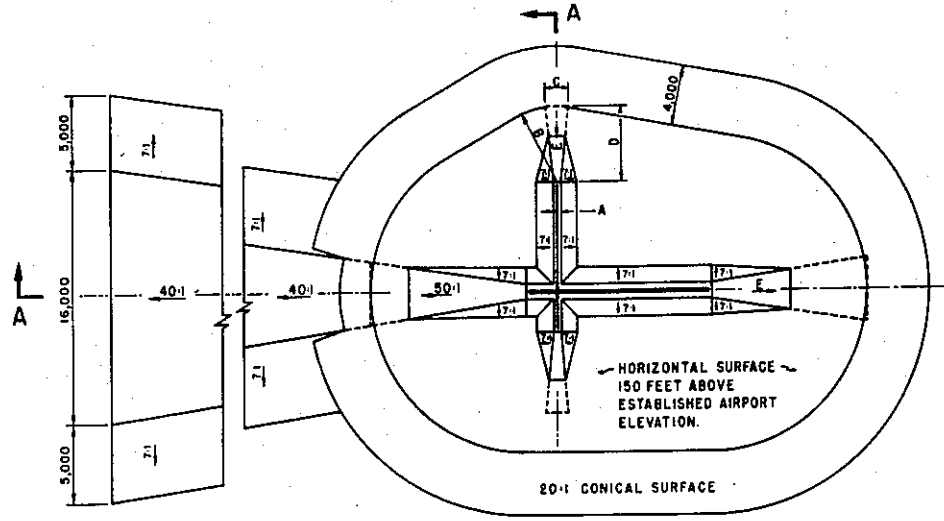
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the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

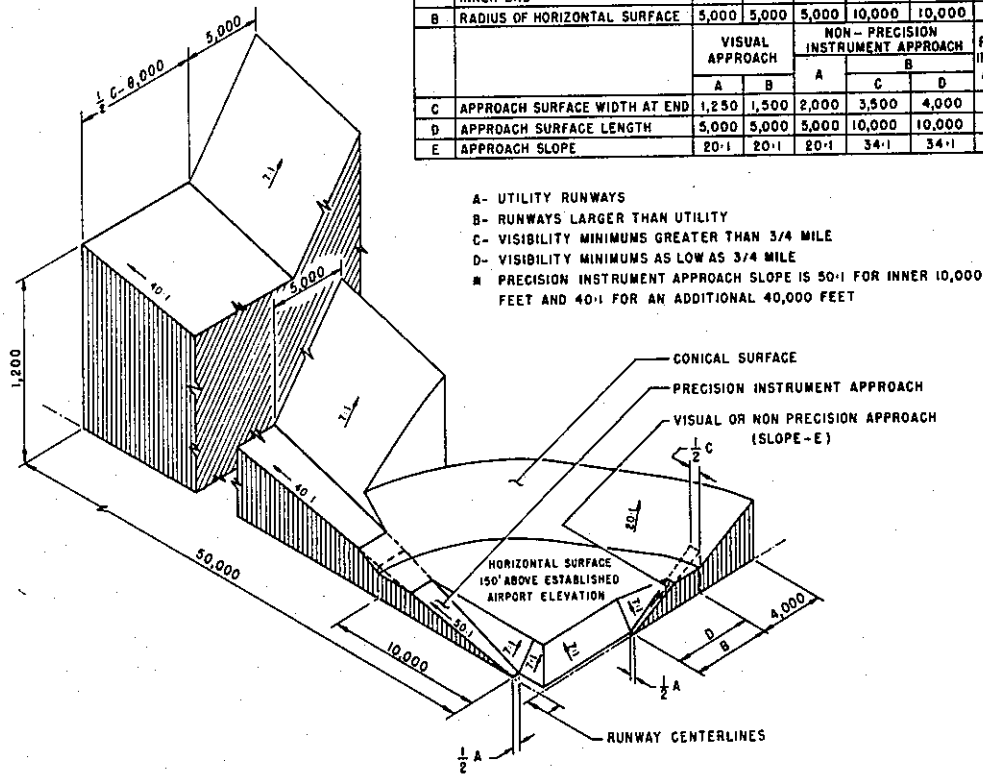
A(V) Utility runway - visual approach only
 A(NP) Utility runway - nonprecision instrument approach
 B(V) Nonutility runway - visual approach only
 C Nonutility runway - nonprecision instrument approach with
 visibility minimums greater than 3/4 mile
 D Nonutility runway - nonprecision instrument approach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

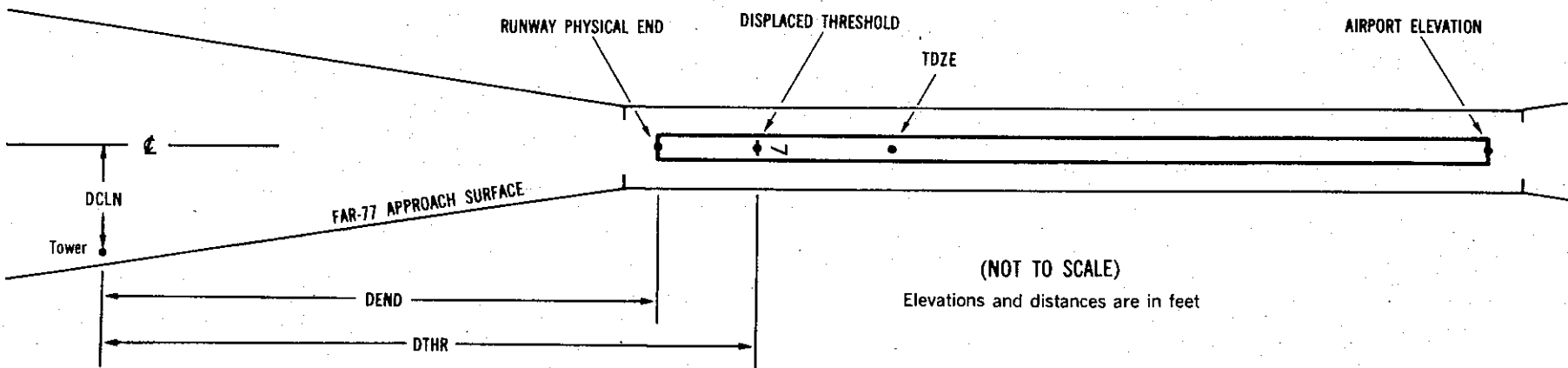
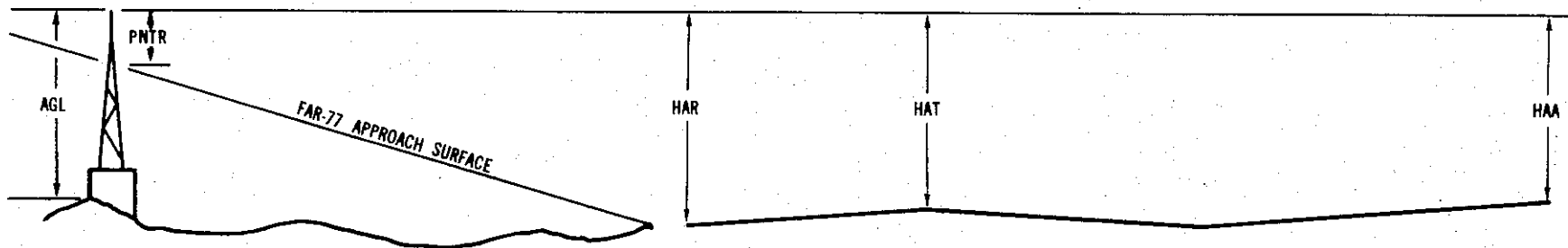
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x ¹	x ²	XXXX/XXXX ³	XXXXXX.XXX ⁴	XXXXXXX.XXX ⁴	XXXXXXX ⁵	XXXX/XXXX ⁶	XXXXXX.XXX ⁷	XXXXXXX.XXX ⁷				
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).

OC5855

AIRPORT ELEVATION 264

36 C 256/263 332628.630N 0883529.077W 1802816

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	332734.15	0883531.60	1A	270		14	7	6	-6620		269L	10
ROD ON OL GLIDE SLOPE	332722.38	0883533.28	1A	312		56	49	48	-5429		400L	51
TREE	332718.61	0883532.53	1A	279		23	16	15	-5049		334L	17
OL ON WINDSOCK	332708.26	0883532.72	1A	281		25	18	17	-4003		342L	18
TREE	332657.10	0883533.10	1A	284		28	21	20	-2874		364L	21
TREE	332638.15	0883532.37	1A	274		18	11	10	-960		287L	15
TREE	332633.03	0883532.26	1A	264		8	1	0	-442		274L	7
TREE	332630.71	0883532.34	1A	263		7	0	-1	-208		278L	6
TREE	332621.60	0883527.89	1A	263		7	0	-1	710		106R	-8
BUSH	332620.33	0883533.07	1A	266		10	3	2	842		331L	-9
TREE	332610.85	0883523.95	1A	272		16	9	8	1794		449R	-31
OL ON LOCALIZER	332608.91	0883529.27	1A	254		-2	-9	-10	1994		OR	-55
TREE	332601.66	0883535.57	1A	307		51	44	43	2730		528L	-23

18 PIR 260/264 332732.910N 0883528.447W 0002816

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	332630.71	0883532.34	1A	263		3	-1	-1	-6289		278R	6
TREE	332633.03	0883532.26	1A	264		4	0	0	-6055		274R	7
TREE	332638.15	0883532.37	1A	274		14	10	10	-5537		287R	15
TREE	332657.10	0883533.10	1A	284		24	20	20	-3623		364R	21
OL ON WINDSOCK	332708.26	0883532.72	1A	281		21	17	17	-2494		342R	18
TREE	332718.61	0883532.53	1A	279		19	15	15	-1448		334R	17
ROD ON OL GLIDE SLOPE	332722.38	0883533.28	1A	312		52	48	48	-1068		400R	51
TREE	332734.15	0883531.60	1A	270		10	6	6	123		269R	10
TREE	332737.88	0883531.98	1A	278		18	14	14	500		303R	12
TREE	332739.07	0883521.55	1A	285		25	21	21	628		579L	16
TREE	332748.89	0883523.19	1A	284		24	20	20	1619		432L	-4
POLE	332757.28	0883529.79	1A	293		33	29	29	2463		134R	-12

OC5855

AIRPORT ELEVATION 264

ARP 332700.770N 0883528.762W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	332705.76	0883535.31	1A	285		21	311 34	750
FLOODLIGHT	332706.62	0883517.07	1A	305		41	58 27	1154
ANTENNA	332704.85	0883515.79	1A	346		82	68 46	1174
ANTENNA	332710.28	0883516.69	1A	324		60	46 4	1403
ROD ON OL AIRPORT BEACON	332710.28	0883504.27	1B	330		66	64 27	2287
FLAGPOLE	332705.54	0883501.85	1B	342		78	77 21	2331
TREE	332735.11	0883541.12	1A	332		68	342 31	3626
TREE	332736.08	0883536.39	1A	311		47	349 2	3627
TREE	332738.07	0883521.41	1A	279		15	8 41	3821
TREE	332749.26	0883516.10	1A	315		51	11 39	5017
TREE	332751.68	0883540.29	1A	320		56	348 33	5238
TREE	332608.50	0883517.26	1A	315		51	168 51	5373
OL ON WATER TANK	332709.33	0883337.79	1B	401		137	84 2	9443

EL. 260

81

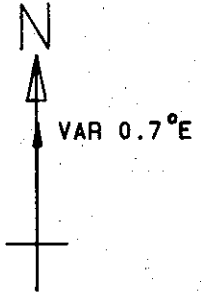
6497 X 150 PAVED

36

EL. 256

ARPT ELEV. 264 FT.

ARP (1991)



TOUCHDOWN ZONE	
RUNWAY ELEVATION	
36	263
18	264

GOLDEN TRIANGLE REGIONAL AIRPORT
 COLUMBUS - WEST POINT - STARKVILLE, MISSISSIPPI
 (NOT TO SCALE)