

# OBSTRUCTION DATA SHEET

**ODS 5573  
MONTGOMERY COUNTY AIRPORT  
CONROE, TEXAS**

**DIGITIZED FROM**

**OC 5573  
SURVEYED MARCH 1991  
1ST EDITION**



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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 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:

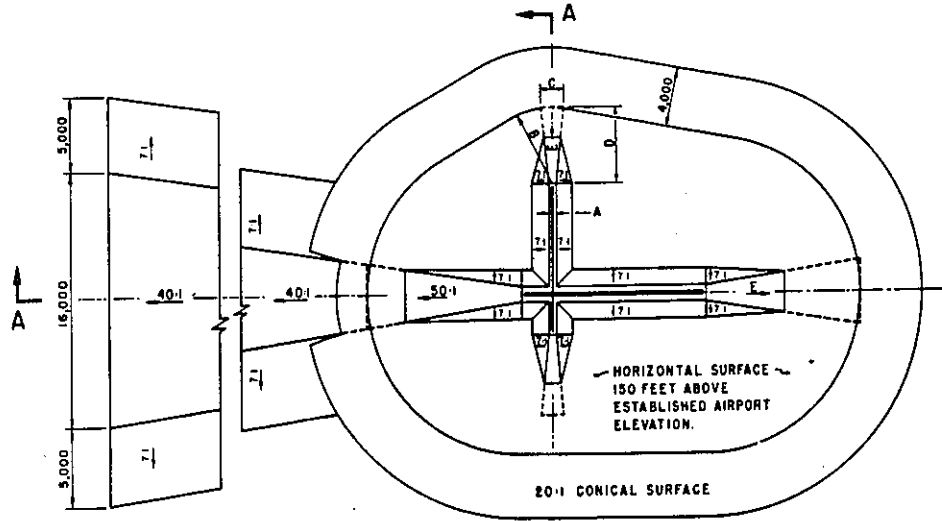
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the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

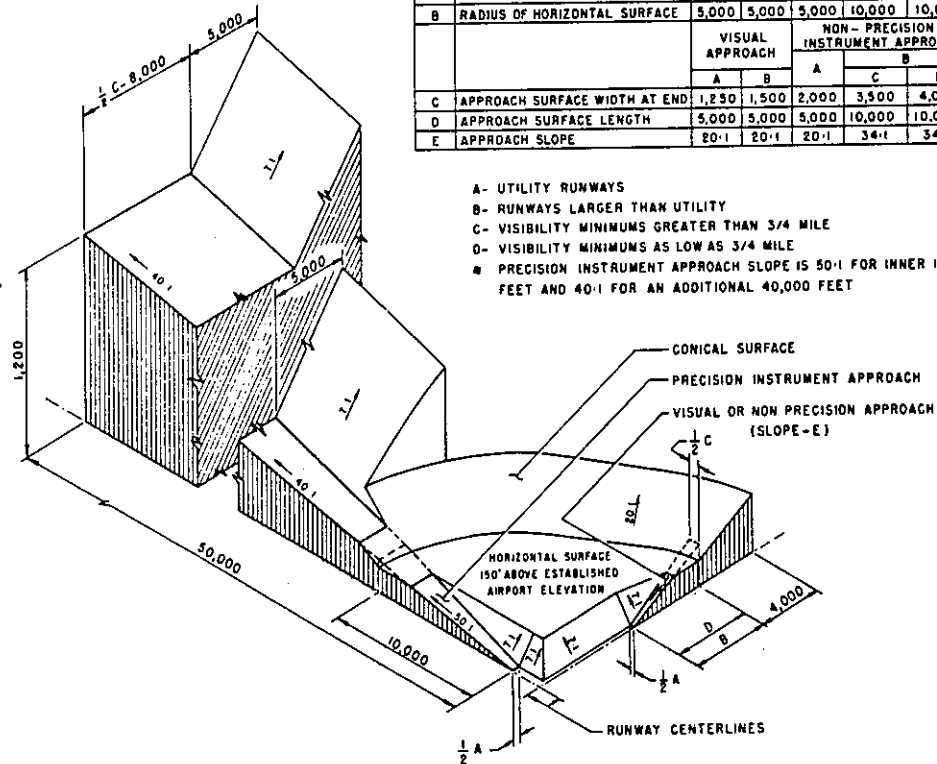
A(V) ..... Utility runway - visual approach only  
 A(NP) .... Utility runway - nonprecision instrument approach  
 B(V) ..... Nonutility runway - visual approach only  
 C ..... Nonutility runway - nonprecision instrument approach with  
           visibility minimums greater than 3/4 mile  
 D .....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

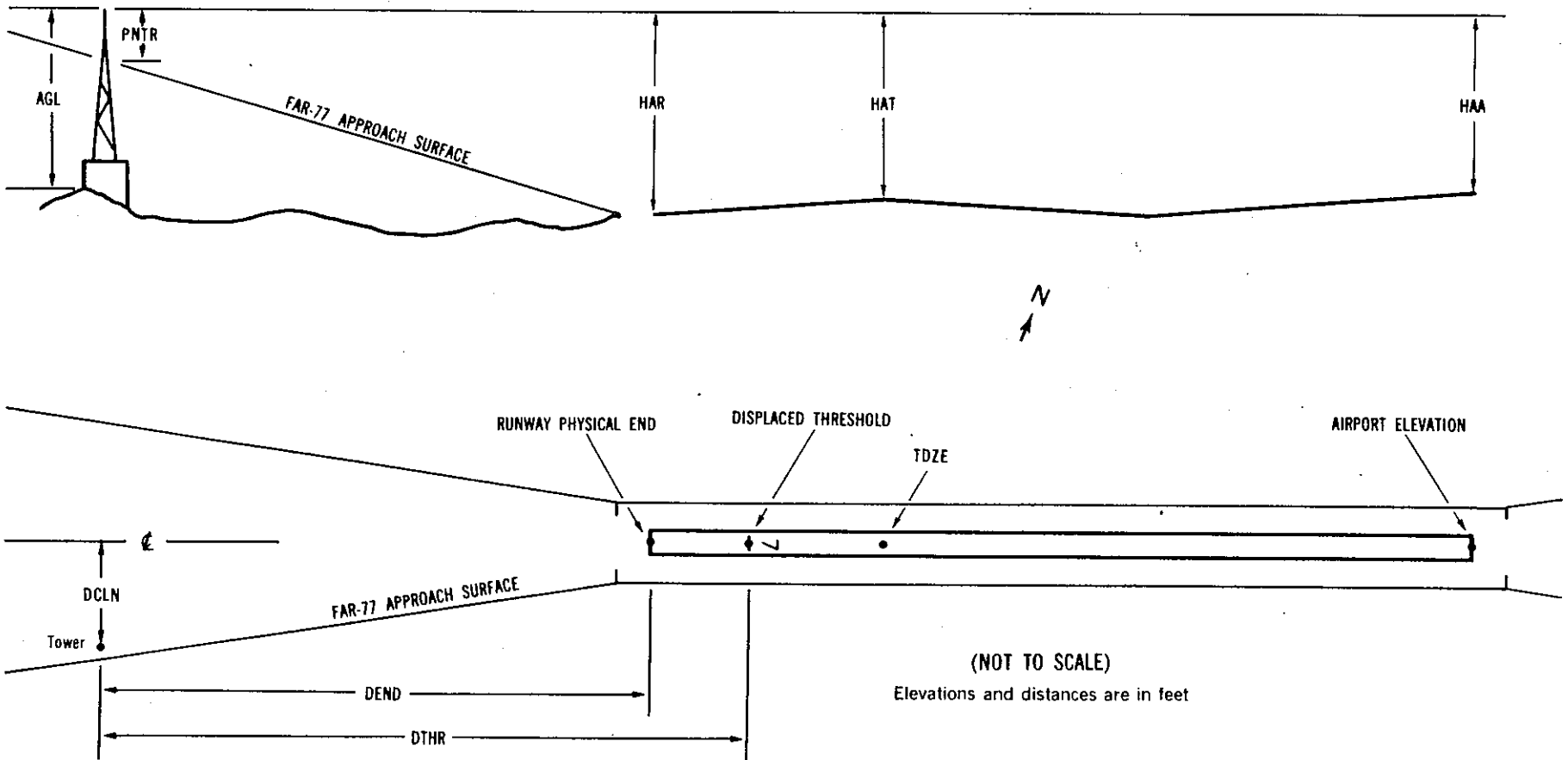
# ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X <sup>1</sup>	X <sup>2</sup>	XXXX/XXXX <sup>3</sup>	XXXXXX.XXX <sup>4</sup>	XXXXXXX.XXX <sup>4</sup>	XXXXXXX <sup>5</sup>	XXXX/XXXX <sup>6</sup>	XXXXXX.XXX <sup>7</sup>	XXXXXXX.XXX <sup>7</sup>				
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>
XXXXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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## EXPLANATION OF FOOTNOTES

- <sup>1</sup> 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.
- <sup>2</sup> For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)
- <sup>3</sup> Reference runway approach physical end elevation/touchdown zone elevation
- <sup>4</sup> Latitude and longitude of reference runway approach physical end
- <sup>5</sup> Reference runway geodetic azimuth reckoned clockwise from south
- <sup>6</sup> Reference runway displaced threshold elevation/touchdown zone elevation
- <sup>7</sup> Latitude and longitude of reference runway displaced threshold
- <sup>8</sup> Accuracy Code:
- |   | Horizontal | Vertical |
|---|------------|----------|
| 1 | = 20       | A = 2    |
| 2 | = 40       | B = 5    |
|   |            | C = 20   |
- <sup>9</sup> 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.
- <sup>10</sup> 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  $\pm 10$  feet.
- <sup>11</sup> HAA - Height above airport  
 HAR - Height above reference runway approach physical end  
 HAT - Height above reference runway touchdown zone elevation
- <sup>12</sup> 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.
- <sup>13</sup> PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

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AIRPORT ELEVATION 245

1 SUPLC 230/237 302043.487N 09525 9.316W 1970759

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LIGHTED WINDSOCK	302111.30	0952502.13	1A	259		29	22	14	-2871		226L	22
TREE	302041.11	0952507.03	1A	256		26	19	11	170		262R	26
TREE	302041.38	0952513.47	1A	289		59	52	44	311		285L	56
TREE	302040.04	0952513.58	1A	251		21	14	6	443		254L	14
TREE	302033.71	0952516.70	1A	266		36	29	21	1135		327L	9
TREE	302032.27	0952514.52	1A	258		28	21	13	1217		102L	-2
TREE	302019.17	0952514.04	1A	300		70	63	55	2469		328R	3
TREE	302018.67	0952512.46	1A	315		85	78	70	2478		475R	18
TREE	302018.33	0952516.40	1A	306		76	69	61	2612		155R	5
TREE	302018.41	0952525.04	1A	305		75	68	60	2827		571L	-2
TREE	302016.69	0952520.72	1A	302		72	65	57	2882		158L	-7

19 SUPLC 235/238 302121.171N 0952455.922W 0170805

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	302041.11	0952507.03	1A	256		21	18	11	-4154		262L	26
OL ON LIGHTED WINDSOCK	302111.30	0952502.13	1A	259		24	21	14	-1113		226R	22
TREE	302137.03	0952445.23	1A	294		59	56	49	1807		423L	12
TREE	302138.09	0952448.32	1A	286		51	48	41	1829		133L	3
TREE	302140.23	0952454.10	1A	293		58	55	48	1887		414R	8
TREE	302140.99	0952442.24	1A	312		77	74	67	2266		556L	16
TREE	302144.51	0952451.18	1A	310		75	72	65	2376		298R	11
TREE	302143.82	0952444.95	1A	313		78	75	68	2470		245L	11
TREE	302145.21	0952447.53	1A	314		79	76	69	2538		13R	10

OC5573

AIRPORT ELEVATION 245

14 PIR 230/ 302132.737N 09525 3.103W 3252841 231/243 302127.923N 0952459.285W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GLIDE SLOPE	302123.54	0952450.27	1A	258		28	15	13	-1403	-813	400L	22
ROAD (N)	302134.55	0952512.20	1A	257		27	14	12	602	1193	553R	19
POLE	302141.67	0952516.56	1A	268		38	25	23	1412	2002	460R	14
POLE	302148.37	0952510.79	1A	260		30	17	15	1683	2273	341L	1
TREE	302150.93	0952528.95	1A	330		100	87	85	2798	3388	824R	48
TREE	302154.24	0952527.87	1A	334		104	91	89	3019	3609	556R	48
TREE	302155.65	0952525.75	1A	336		106	93	91	3032	3622	323R	49
TREE	302157.28	0952523.25	1A	337		107	94	92	3044	3634	49R	50
TREE	302200.97	0952517.37	1A	332		102	89	87	3058	3648	587L	45

32 C 242/245 302043.807N 0952424.302W 1452900

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GLIDE SLOPE	302123.54	0952450.27	1A	258		16	13	13	-4596		400R	22
OL ON DME	302039.04	0952424.23	1A	255		13	10	10	401		268L	7
ON OL LOCALIZER	302040.54	0952421.71	1A	249		7	4	4	401		OR	1
TREE	302034.12	0952407.21	1A	294		52	49	49	1655		680R	9
TREE	302025.96	0952411.30	1A	306		64	61	61	2131		83L	7
TREE	302024.91	0952412.82	1A	293		51	48	48	2144		253L	-6
TREE	302028.51	0952406.55	1A	300		58	55	55	2154		406R	1

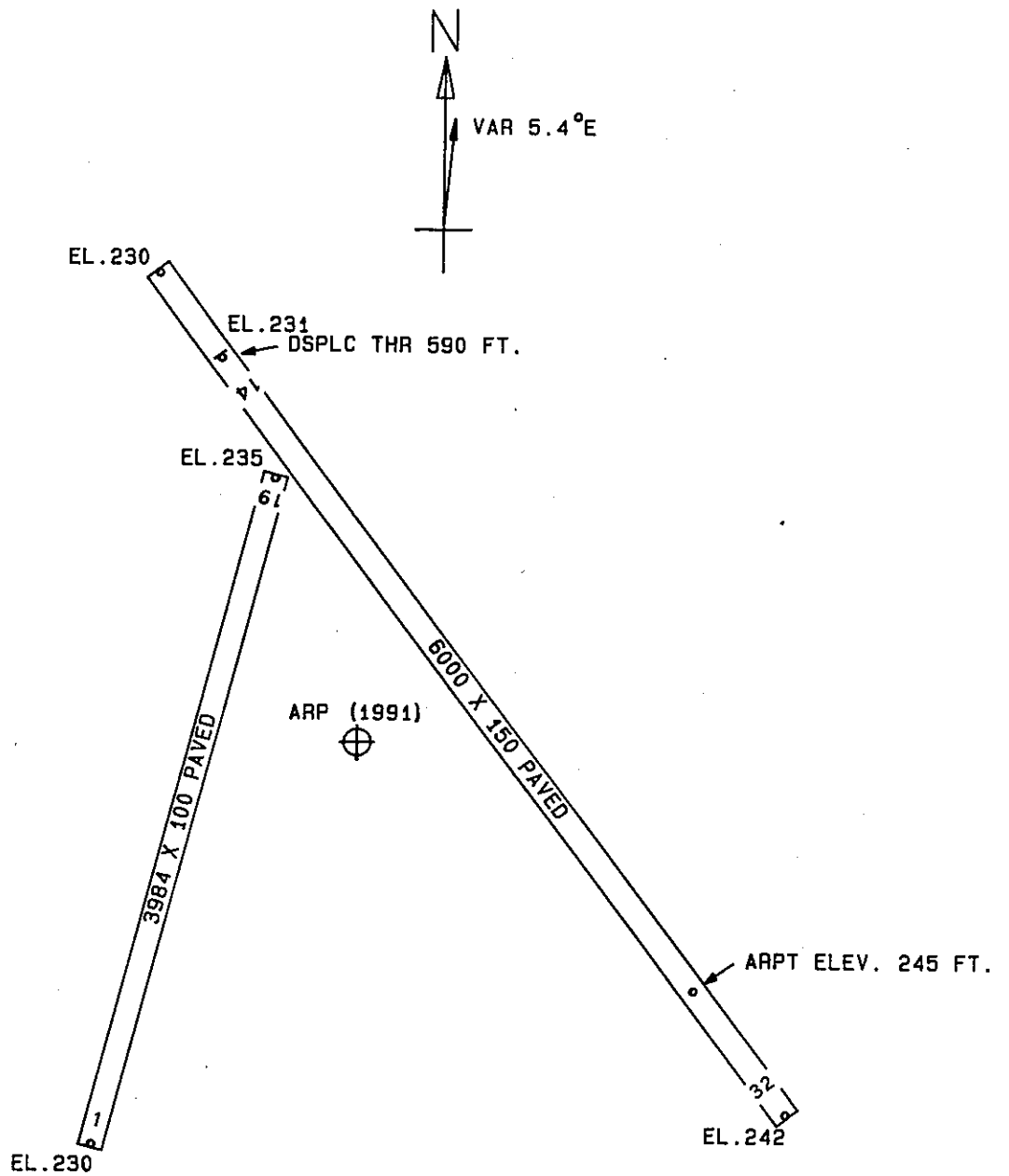


OC5573

AIRPORT ELEVATION 245

ARP 302105.901N 0952451.250W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	302117.14	0952441.27	1A	291		46	32 12	1433
TREE	302109.83	0952435.37	1A	290		45	68 41	1447
ANTENNA & AMOM ON OL APBN	302108.92	0952509.10	1A	326		81	275 37	1594
TREE	302120.49	0952443.58	1A	298		53	19 7	1620
HANGAR	302120.03	0952503.96	1A	266		21	316 38	1810
TREE	302101.15	0952428.59	1A	308		63	98 12	2043
OL ON HANGAR	302055.30	0952511.60	1A	264		19	233 37	2080
TREE	302126.57	0952446.04	1A	293		48	6 55	2138
OL ON WATER TANK	302107.71	0952517.59	1A	380		135	269 8	2315
TREE	302044.01	0952504.85	1A	284		39	202 55	2512
TREE	302042.14	0952504.99	1A	295		50	201 14	2686
TREE	302132.45	0952444.19	1A	298		53	7 36	2752
TREE	302043.77	0952513.07	1A	263		18	215 9	2942
TREE	302041.14	0952431.68	1A	300		55	140 10	3032
TREE	302042.31	0952513.68	1A	291		46	214 7	3089
TREE	302136.50	0952441.73	1A	306		61	9 42	3202
TREE	302137.00	0952443.73	1A	297		52	6 27	3210
TREE	302046.57	0952417.09	1A	291		46	117 44	3574
TREE	302033.94	0952426.90	1A	294		49	141 9	3870
TREE	302137.73	0952519.49	1A	325		80	317 1	4057
TREE	302146.06	0952501.42	1A	299		54	342 13	4154
TREE	302027.85	0952421.26	1A	291		46	140 14	4657
TREE	302018.83	0952508.84	1A	312		67	192 34	4999
TREE	302158.25	0952509.65	1A	325		80	337 39	5529
OL ON WATER TANK	302046.18	0952615.13	1B	399		154	249 26	7615



TOUCHDOWN ZONE	RUNWAY ELEVATION
1	237
19	238
14	243
32	245

MONTGOMERY COUNTY AIRPORT  
 CONROE, TEXAS  
 (NOT TO SCALE)