OBSTRUCTION

DATA SHEET

ODS 5111
CHENNAULT INDUSTRIAL AIRPARK
LAKE CHARLES, LOUISIANA

DIGITIZED FROM

OC 5111
SURVEYED JANUARY 1992
1ST EDITION

HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29

ATTENTION

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 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.
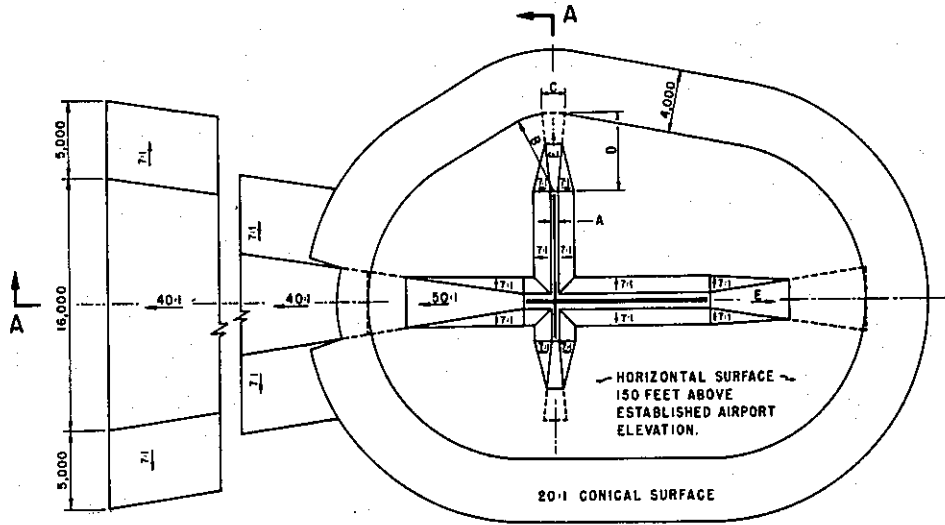
DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
					C	D	
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	⚫
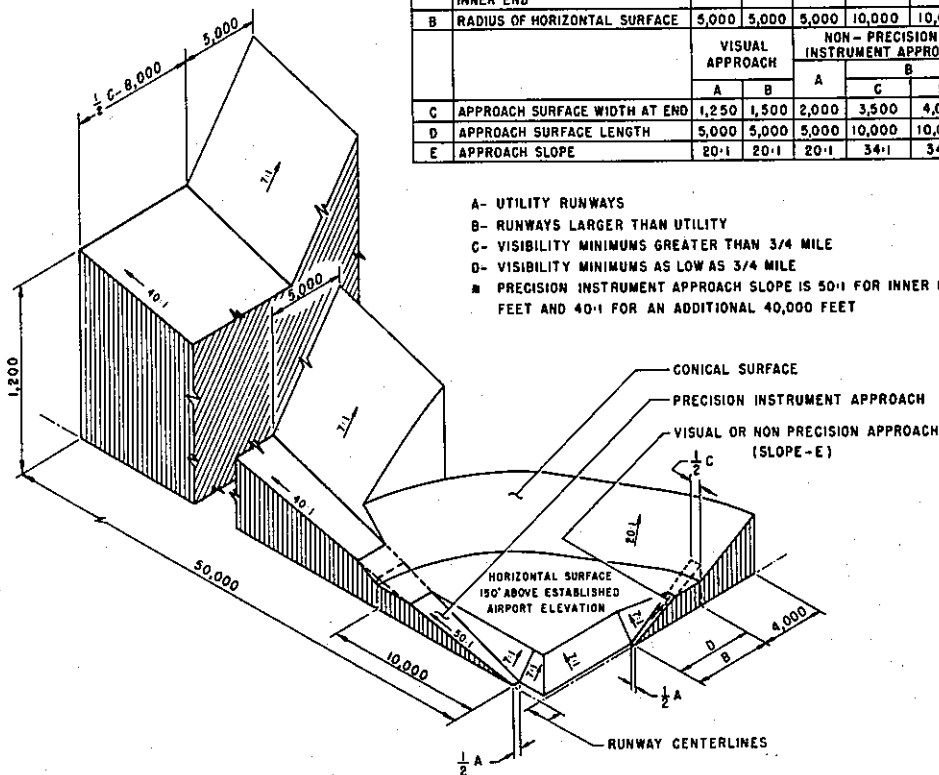
A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
⚫ PRECISION INSTRUMENT APPROACH SLOPE IS 50·1 FOR INNER 10,000
FEET AND 40·1 FOR AN ADDITIONAL 40,000 FEET

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}

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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(NOT TO SCALE)
Elevations and distances are in feet

3
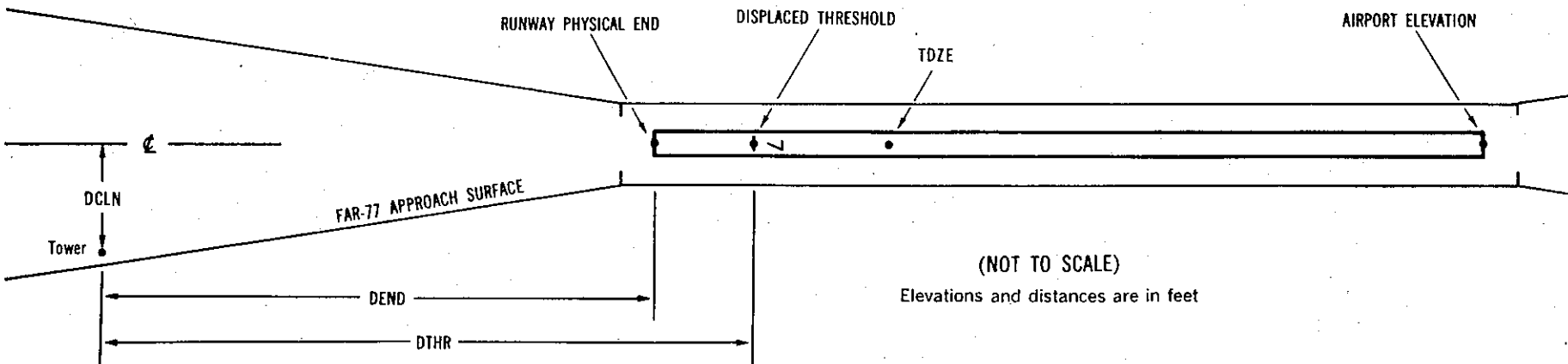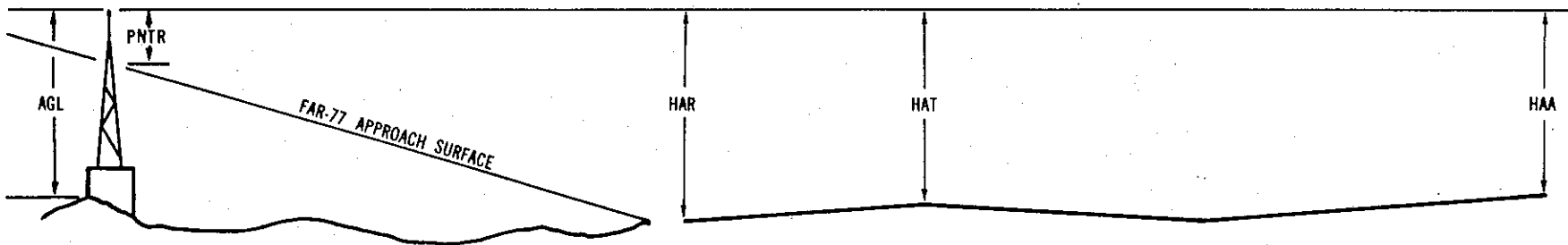
EXPLANATION OF FOOTNOTES

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   17 ⁄

15R PIR   15/ 16   301325.906   -930901.797 3342549.

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GLIDE SLOPE	301317.98	-930853.01	1A	37		22	21	20	-1055		350L	21
TANK	301334.13	-930912.63	1A	28		13	12	11	1159		499R	-6
POLE	301339.90	-930904.14	1A	38		23	22	21	1364		425L	0
POLE	301339.89	-930908.43	1A	43		28	27	26	1525		85L	2
TREE	301342.98	-930907.28	1A	48		33	32	31	1764		311L	2
ANTENNA ON BUILDING	301343.43	-930910.08	1A	53		38	37	36	1911		109L	4
TREE	301340.05	-930918.29	1A	64		49	48	47	1913		688R	15
TREE	301345.13	-930908.87	1A	63		48	47	46	2019		279L	12
TREE	301346.88	-930918.34	1A	71		56	55	54	2537		394R	9
TREE	301348.04	-930915.95	1A	73		58	57	56	2553		154R	11
TREE	301414.56	-930916.03	1A	99		84	83	82	4972		995L	-11
TRANSMISSION TOWER	301432.78	-930942.97	1A	135		120	119	118	7653		342R	-29
TRANSMISSION TOWER	301432.79	-930950.25	1A	133		118	117	116	7930		918R	-37

33L SUPLC   17/ 17   301150.354   -930809.167 1542616.

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GLIDE SLOPE	301317.98	-930853.01	1A	37		20	20	20	-9645		350R	21
OL ON LOCALIZER	301138.01	-930802.37	1A	26		9	9	9	1383		OR	-26
POLE	301136.27	-930804.53	1A	40		23	23	23	1460		247L	-14
TREE	301134.60	-930808.20	1A	76		59	59	59	1473		610L	22
TREE	301132.48	-930800.41	1A	61		44	44	44	1961		86L	-8
TREE	301128.24	-930800.98	1A	72		55	55	55	2326		316L	-8
TREE	301128.73	-930748.79	1A	70		53	53	53	2743		671R	-22

AIRPORT ELEVATION   17

ARP   301238.131   -930835.478

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	301235.17	-930823.96	1A	58		41	10225	1054
TREE	301223.11	-930818.29	1A	58		41	13104	2140
ANTENNA & APBN ON OL ATCT	301248.15	-930908.16	1B	86		69	28521	3041
WINDSOCK	301207.89	-930811.25	1A	35		18	14103	3722
POLE ON HANGAR	301317.31	-930842.19	1A	86		69	34726	4002
HANGAR	301319.63	-930915.46	1A	86		69	31559	5466
OL ON ANTENNA	301334.01	-930827.91	1B	161		144	236	5684
VENT ON OL BUILDING	301158.68	-930748.18	1B	150		133	12944	5754
TREE	301149.43	-930759.61	1A	66		49	14317	5840
TREE	301334.80	-930856.97	1A	56		39	33740	6028
WINDSOCK	301336.06	-930858.63	1A	30		13	33645	6195
TREE	301336.40	-930858.01	1A	71		54	33720	6209
TREE	301143.52	-930756.14	1A	68		51	14351	6507
TREE	301340.09	-930859.40	1A	71		54	33721	6602
TREE	301135.68	-930811.16	1A	78		61	15712	6660
BUILDING	301342.19	-930901.67	1A	49		32	33621	6867
TREE	301139.62	-930754.79	1A	70		53	14445	6905
ANTENNA ON OL TANK	301313.31	-930943.29	1B	210		193	29645	6930
TREE	301340.18	-930919.84	1A	62		45	32404	7378
OL ON ANTENNA	301155.09	-930709.67	1A	271	254	254	11553	8695
TREE	301411.05	-930911.88	1A	96		79	33706	9915
OL ON TANK	301426.32	-930915.12	1A	169		152	33815	11469

EL.15

15R
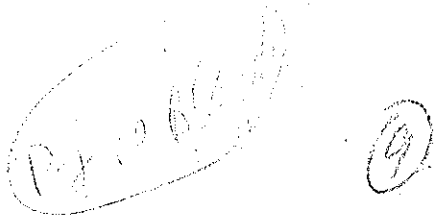
N

VAR 4.1°E
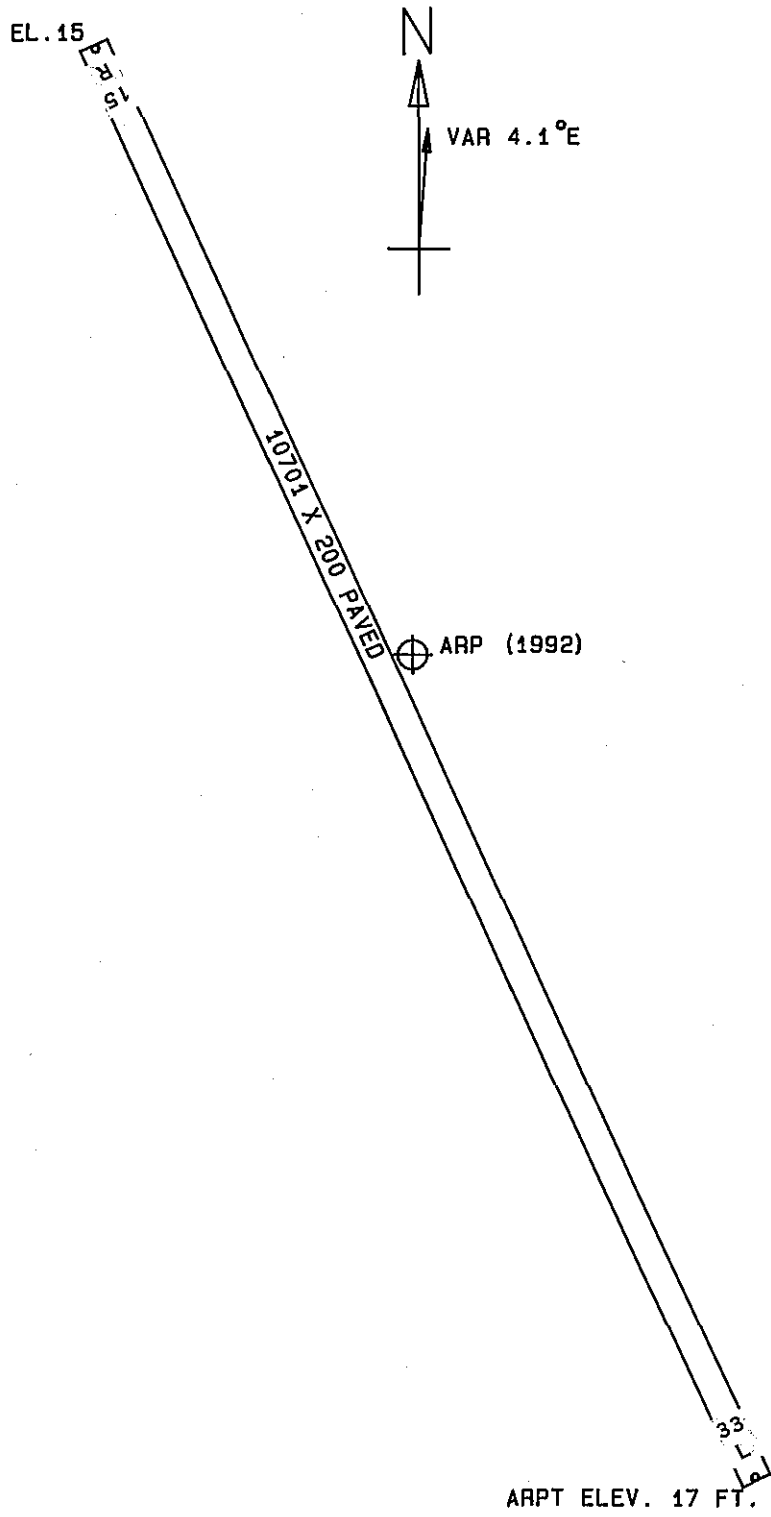
10701 X 200 PAVED

⊕ ARP (1992)

33L

ARPT ELEV. 17 FT.

TOUCHDOWN ZONE
RUNWAY ELEVATION
15R   16
33L   17

CHENNAULT INDUSTRIAL AIRPARK

LAKE CHARLES, LOUISIANA

(NOT TO SCALE)

EL.15

N

VAR 4.1°E

15R

10701 X 200 PAVED

⊕ ARP (1992)

33

L

ARPT ELEV. 17 FT.

TOUCHDOWN ZONE
RUNWAY ELEVATION

15R   16
33L   17

CHENNAULT INDUSTRIAL AIRPARK

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(NOT TO SCALE)