OBSTRUCTION DATA SHEET

ODS 5132
JACKSON INTERNATIONAL AIRPORT
JACKSON, MISSISSIPPI

DIGITIZED FROM

OC 5132
SURVEYED APRIL 1993
9TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29

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

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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).

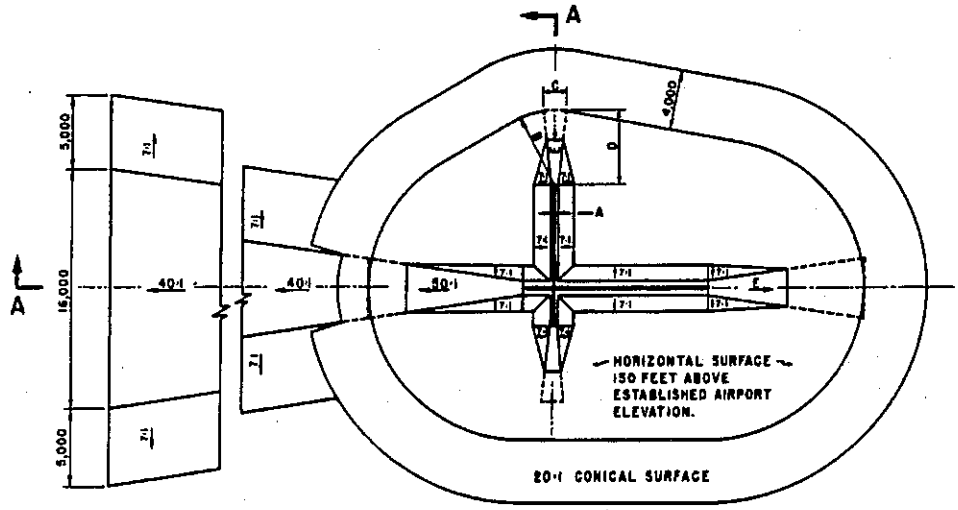
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

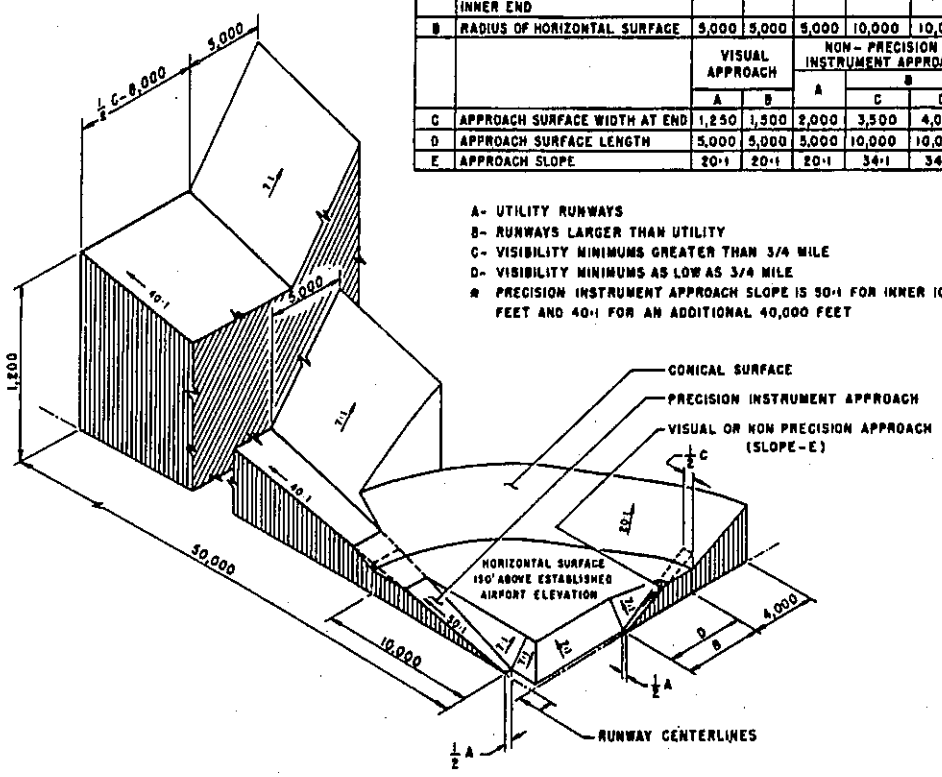
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision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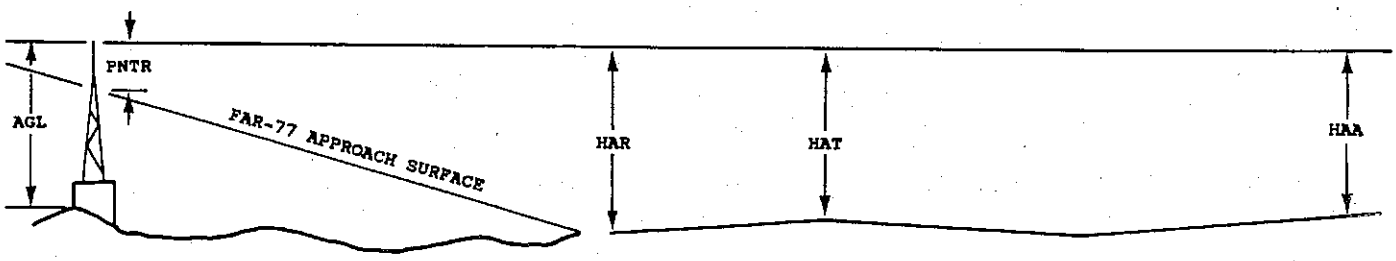

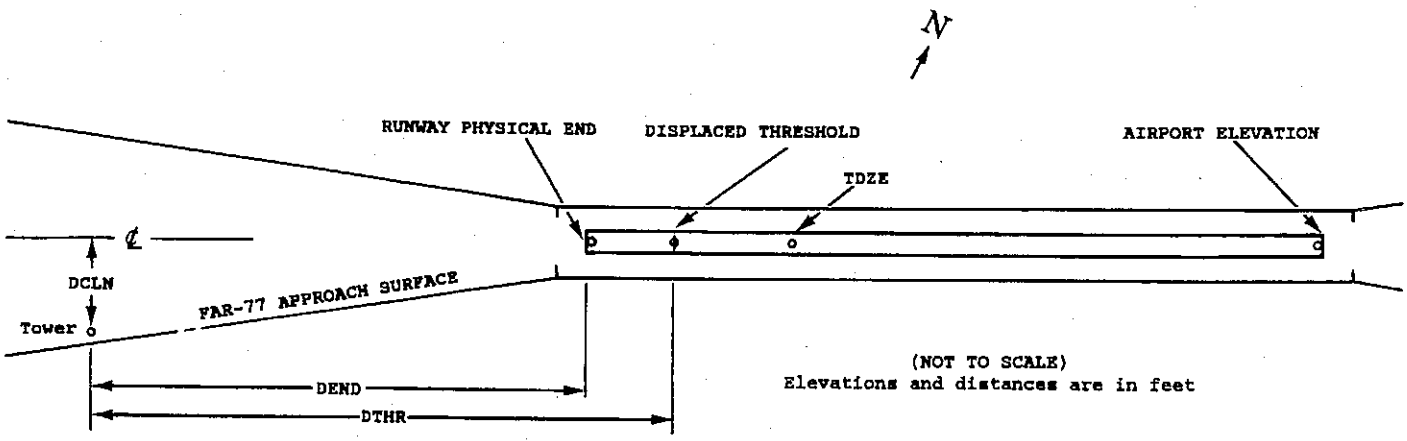

(NOT TO SCALE)
Elevations and distances are in feet

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 displaced threshold

8 Accuracy codes:

Horizontal FT	Vertical FT
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 PNTR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

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AIRPORT ELEVATION 346

15L PIR 305/ 312 321941.519 -900439.767 1575907.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL TMOM	321834.79	-900402.91	1A	358		53	46	12	-7437		405L	18
ROD ON OL TMOM	321837.36	-900403.24	1A	358		53	46	12	-7186		476L	20
ROD ON OL TMOM	321904.29	-900417.02	1A	332		27	20	-14	-4220		399L	15
ROD ON OL TMOM	321906.86	-900417.45	1A	332		27	20	-14	-3965		463L	16
ROD ON OL GS	321933.36	-900430.85	1A	348		43	36	2	-1052		400L	43
TREE	321959.09	-900455.72	1A	341		36	29	-5	2159		603R	-3
TREE	322000.25	-900458.94	1A	354		49	42	8	2371		815R	5
TREE	322008.54	-900458.09	1A	368		63	56	22	3121		434R	4
TREE	322015.63	-900446.14	1A	366		61	54	20	3401		785L	-3
TREE	322017.28	-900454.38	1A	366		61	54	20	3820		192L	-12

33R C 346/ 346 321823.542 -900402.644 3375927.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	321933.36	-900430.85	1A	348		2	2	2	-7448		400R	43
ROD ON OL TMOM	321906.86	-900417.45	1A	332		-14	-14	-14	-4534		463R	16
ROD ON OL TMOM	321904.29	-900417.02	1A	332		-14	-14	-14	-4280		399R	15
ROD ON OL TMOM	321837.36	-900403.24	1A	358		12	12	12	-1314		476R	20
ROD ON OL TMOM	321834.79	-900402.91	1A	358		12	12	12	-1062		405R	18
OL LOC	321818.03	-900400.02	1A	352		6	6	6	601		0R	-6
ROD ON BLDG	321817.90	-900357.18	1A	360		14	14	14	705		221R	-1
TREE	321810.05	-900349.09	1A	396		50	50	50	1700		568R	5
TREE	321759.90	-900342.12	1A	432		86	86	86	2875		738R	7
TREE	321755.08	-900353.43	1A	416		70	70	70	2962		345L	-12
TREE	321719.72	-900332.90	1A	492		146	146	146	6936		50L	-53

15R C 305/ 319 321856.972 -900503.807 1575842.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	321748.06	-900436.02	1A	381		76	62	35	-7351		400R	55
TREE	321914.71	-900520.64	1A	362		57	43	16	2204		667R	-1
TREE	321918.71	-900516.47	1A	369		64	50	23	2444		183R	-2
TREE	321917.75	-900522.16	1A	377		72	58	31	2537		673R	4
TREE	321924.53	-900514.36	1A	379		74	60	33	2922		205L	-6

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AIRPORT ELEVATION 346

33L PIR 328/ 328 321738.995 -900426.676 3375902.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	321748.06	-900436.02	1A	381		53	53	35	-1149		400L	55
ROAD(N)	321726.35	-900420.69	1A	334		6	6	-12	1377		3L	-18
TREE	321728.68	-900413.27	1A	355		27	27	9	1398		676R	3
ANT ON POLE	321715.99	-900415.25	1A	366		38	38	20	2523		37R	-9
TREE	321709.43	-900402.97	1A	402		74	74	56	3532		767R	7
TREE	321658.54	-900416.44	1A	419		91	91	73	4120		718L	12
TREE	321646.75	-900410.73	1A	431		103	103	85	5408		710L	-1
TREE	321646.22	-900346.83	1A	457		129	129	111	6226		1172R	8
TREE	321634.30	-900348.81	1A	459		131	131	113	7279		563R	-11

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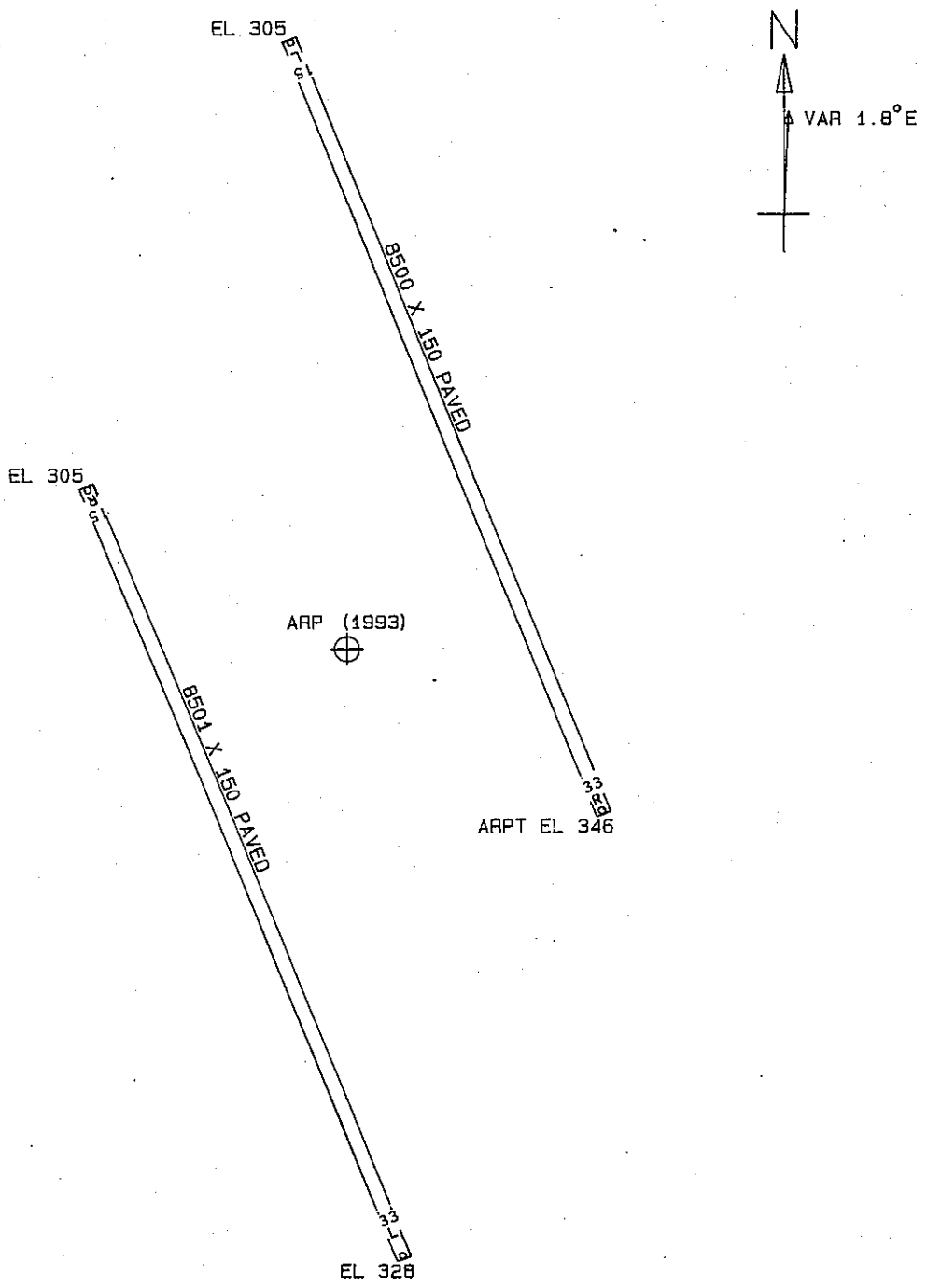
AIRPORT ELEVATION 346

ARP 321840.257 -900433.223

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT AND APBN ON OL ATCT	321836.27	-900431.96	1A	474		128	16306	417
OL ON TANK	321822.06	-900421.86	1A	467		121	15015	2082
ROD ON OL DOME	321903.81	-900447.55	1A	423		77	33053	2679
ROD ON OL DOME	321907.37	-900449.78	1A	401		55	33047	3086
ROD ON ASR	321819.87	-900500.40	1A	415		69	22645	3112
TREE	321905.73	-900455.02	1A	374		28	32211	3183
ANT ON OL RTR TWR	321835.43	-900354.56	1A	432		86	9633	3354
TREE	321912.33	-900416.58	1A	364		18	2158	3542
TREE	321805.84	-900408.10	1A	406		60	14624	4092
TREE	321819.51	-900349.09	1A	411		65	11709	4329
TREE	321922.31	-900420.36	1A	349		3	1245	4391
LIGHT	321922.11	-900454.90	1A	386		40	33427	4620
TREE	321812.83	-900348.31	1A	402		56	12355	4747
OL ON HANGAR	321931.13	-900455.91	1A	386		40	33727	5497
ANT ON OL BLDG	321933.62	-900455.61	1A	362		16	33835	5725
OL ON HANGAR	321938.04	-900454.19	1A	351		5	34104	6110
TREE	321800.22	-900337.24	1A	452		106	12817	6281
TREE	321942.33	-900423.60	1A	428		82	542	6327
OL ON TWR	321811.12	-900547.26	1A	491		145	24320	7003
POLE	321727.18	-900429.45	1A	351		5	17541	7392
POLE	321726.99	-900432.28	1A	384		38	17734	7404
TREE	321727.35	-900409.56	1A	403		57	16247	7643
TREE	321726.72	-900407.39	1A	421		75	16135	7755
POLE	321725.05	-900410.31	1A	360		14	16341	7851
TREE	322007.01	-900437.29	1A	377		31	35555	8774
TREE	322003.75	-900504.64	1A	371		25	34028	8858
TREE	321714.56	-900356.23	1A	431		85	15803	9224
TREE	321707.58	-900428.32	1A	430		84	17537	9375
TREE	321739.22	-900308.40	1A	500		154	12828	9541
TREE	321652.17	-900420.90	1A	432		86	17240	10974
TREE	321637.13	-900537.03	1C	497		151	20157	13595



TOUCHDOWN ZONE RUNWAY	ELEVATION
15L	312
33R	346
15R	319
33L	328

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(NOT TO SCALE)

(ELEVATIONS AND DISTANCES IN FEET)