OBSTRUCTION DATA SHEET

ODS 481
ALICE INTERNATIONAL AIRPORT
ALICE, TEXAS

DIGITIZED FROM

OC 481
SURVEYED MARCH 1989
2ND EDITION

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

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).

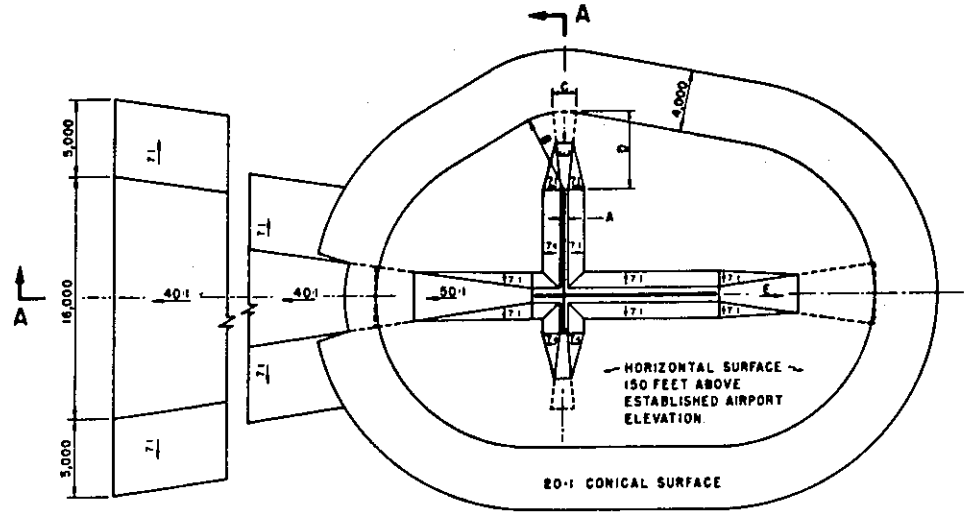
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

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)

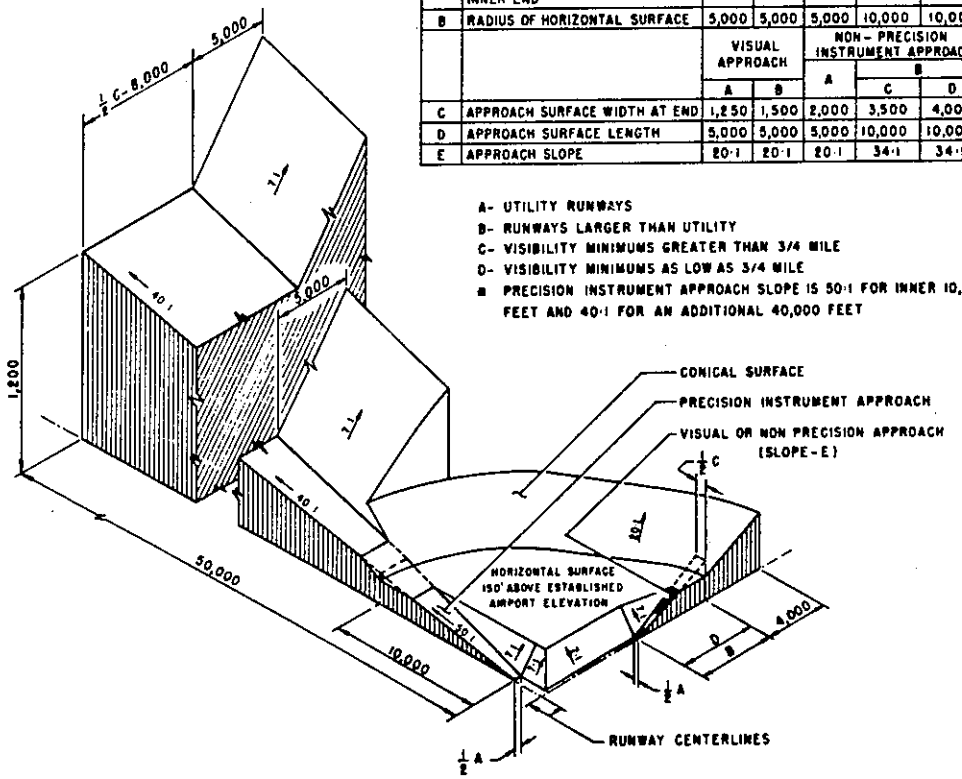
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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 C	B 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	B 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]
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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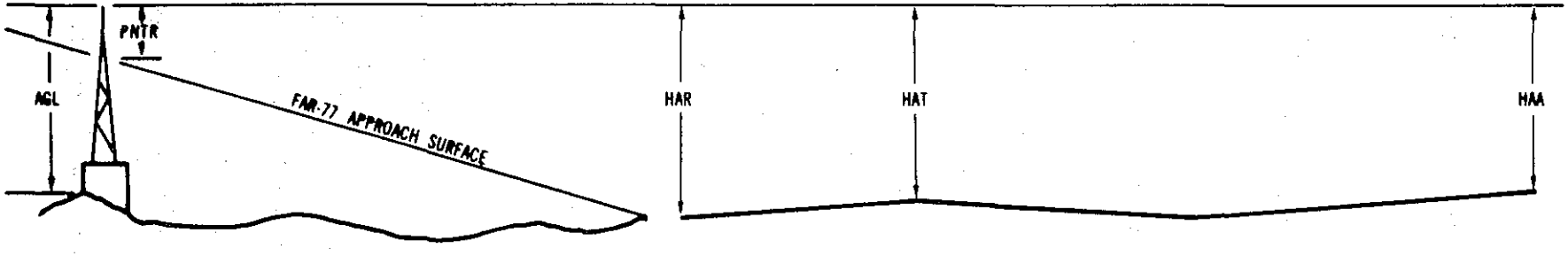

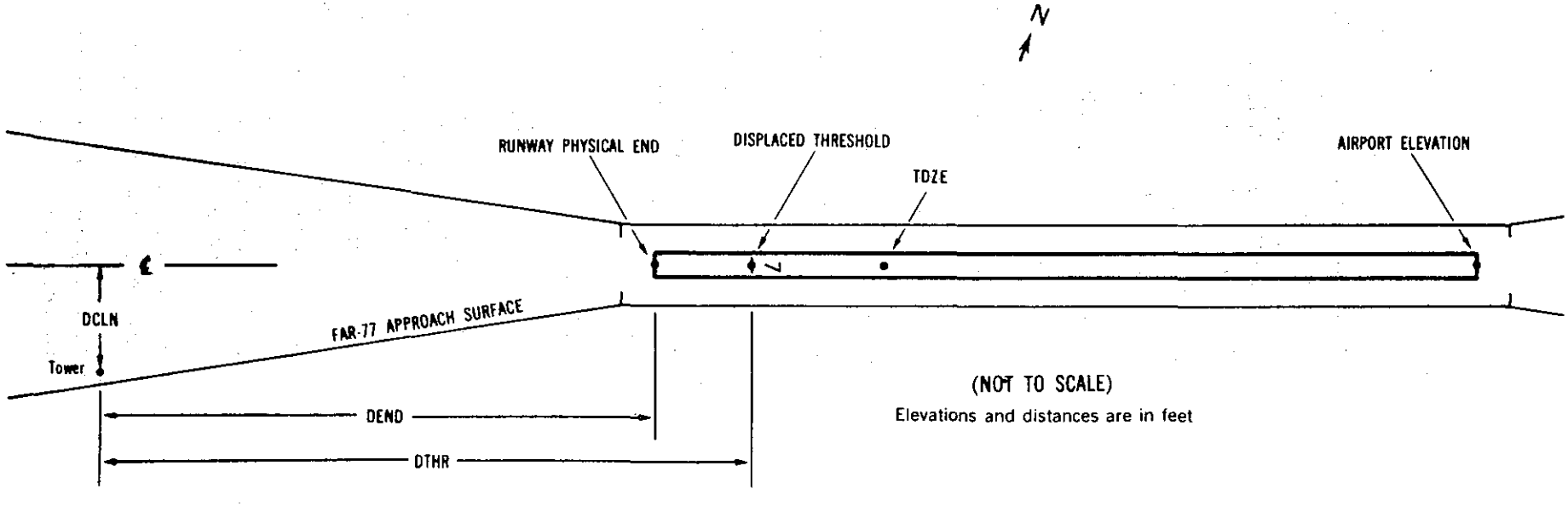

(NOT TO SCALE)

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 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).

OC0481

AIRPORT ELEVATION 178

8 SUPLC 177/ 274440.442N 09802 1.622W 2692952 177/177 274440.487N 0980155.861W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	274438.01	0980205.14	1A	185		8	8	7	319	836	243R	5
ROD ON OL DME	274442.92	0980206.09	1A	199		22	22	21	399	917	254L	16
TREE	274437.38	0980207.12	1A	205		28	28	27	497	1015	305R	19
TREE	274439.05	0980207.90	1A	197		20	20	19	565	1083	136R	9
TREE	274440.79	0980209.24	1A	194		17	17	16	684	1201	41L	3
POLE	274438.78	0980217.20	1A	212		35	35	34	1401	1919	156R	0

26 SUPLC 171/176 274440.829N 0980111.670W 0893015

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	274440.08	0980102.98	1A	186		15	10	8	780		82L	-2
TREE	274444.28	0980100.95	1A	187		16	11	9	967		340R	-7

13 SUPLC 177/178 274442.048N 09802 0.988W 3142905

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LIGHTED WINDSOCK	274423.57	0980144.62	1A	199		22	21	21	-2357		301R	25
LIGHT ON TOWER	274425.01	0980149.42	1A	207		30	29	29	-1947		499R	32
LIGHT POLE	274426.58	0980151.44	1A	204		27	26	26	-1707		513R	28
VENT ON HANGAR	274431.88	0980156.71	1A	196		19	18	18	-993		463R	19
STEEL POST	274443.84	0980159.07	1A	181		4	3	3	4		250L	4
OL ON LOCALIZER	274444.70	0980204.02	1A	186		9	8	8	382		0R	4
ROD ON OL DME	274442.92	0980206.09	1A	199		22	21	21	389		258R	16
TREE	274451.98	0980206.68	1A	206		29	28	28	1068		357L	3

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AIRPORT ELEVATION 178

31 PIR 166/173 274400.431N 0980113.373W 1342927

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
STEEL POST	274443.84	0980159.07	1A	181		15	8	3	-6001		250R	4
VENT ON HANGAR	274431.88	0980156.71	1A	196		30	23	18	-5004		463L	19
LIGHT POLE	274426.58	0980151.44	1A	204		38	31	26	-4291		513L	28
LIGHT ON TOWER	274425.01	0980149.42	1A	207		41	34	29	-4050		499L	32
LIGHTED WINDSOCK	274423.57	0980144.62	1A	199		33	26	21	-3640		301L	25
FENCE	274356.52	0980112.16	1A	170		4	-3	-8	355		206L	1
TREE	274357.40	0980100.51	1A	185		19	12	7	1039		592R	2
TREE	274356.17	0980100.53	1A	188		22	15	10	1125		502R	4
TREE	274354.79	0980100.44	1A	189		23	16	11	1229		408R	2
POLE	274344.29	0980105.88	1A	196		30	23	18	1623		691L	2
POLE	274340.81	0980100.86	1A	195		29	22	17	2191		625L	-11

17 SUPLC 173/173 274441.318N 0980135.542W 3592552

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	274354.89	0980133.51	1A	172		-1	-1	-6	-4690		136L	1
BUSH	274444.61	0980132.40	1A	185		12	12	7	329		286L	8
FENCE POST	274444.82	0980135.55	1A	177		4	4	-1	353		3L	-1
TREE	274452.75	0980134.91	1A	202		29	29	24	1154		68L	1
WINDMILL	274455.77	0980137.55	1A	214		41	41	36	1461		166R	4
TREE	274457.25	0980139.69	1A	210		37	37	32	1612		356R	-5

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AIRPORT ELEVATION 178

35 SUPLC 171/173 274356.860N 0980135.046W 1792552

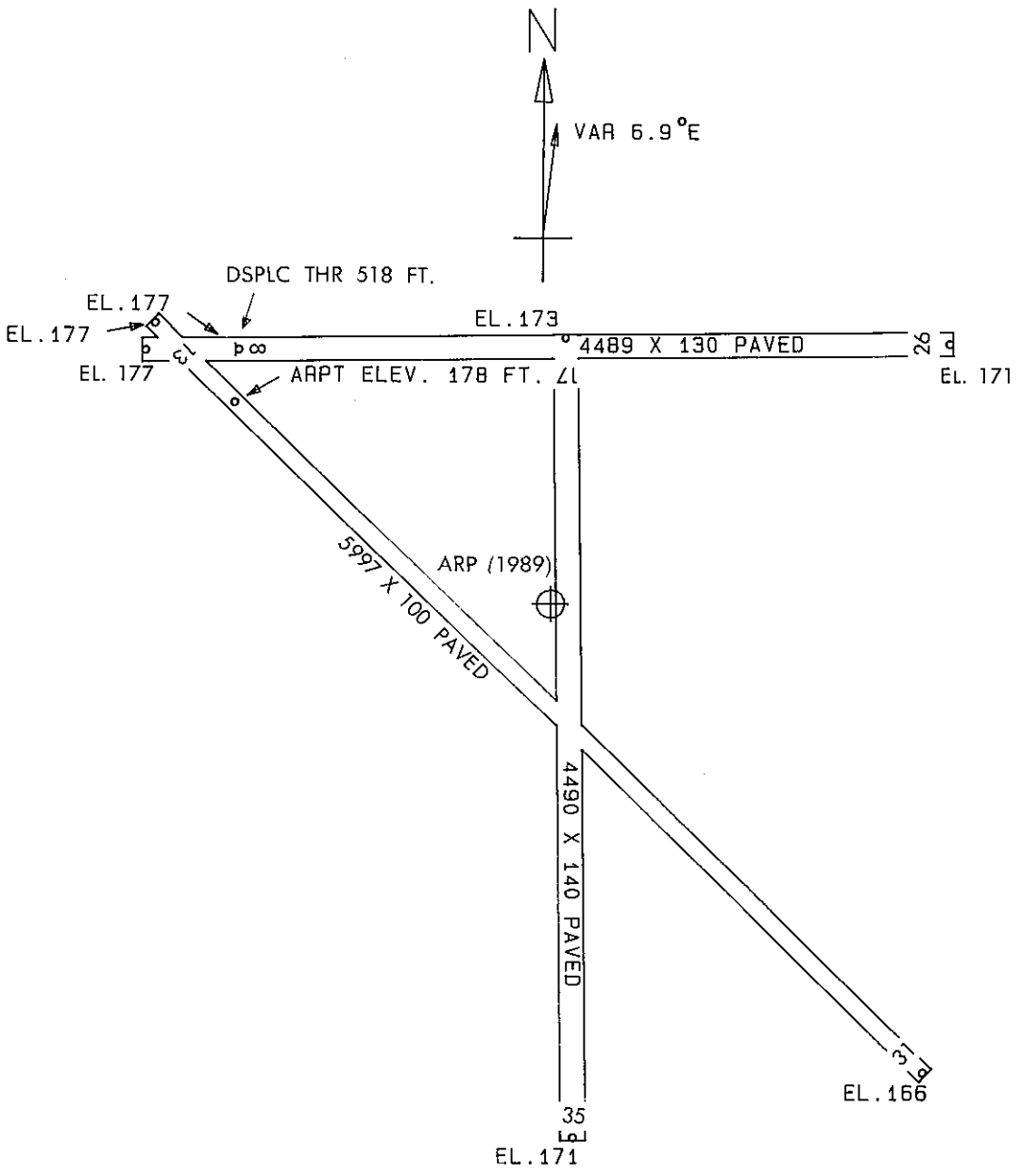
OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	274354.89	0980133.51	1A	172		1	-1	-6	200		136R	1
GROUND	274353.60	0980133.25	1A	176		5	3	-2	331		158R	1
TREE	274352.45	0980132.18	1A	190		19	17	12	448		253R	12
TREE	274350.28	0980134.82	1A	195		24	22	17	665		13R	10
LIGHT POLE	274349.37	0980133.42	1A	198		27	25	20	758		139R	11
POLE	274348.97	0980137.81	1A	205		34	32	27	795		257L	17
POLE	274344.87	0980136.92	1A	203		32	30	25	1209		181L	2
POLE	274344.74	0980131.14	1A	203		32	30	25	1227		339R	2

OC0481

AIRPORT ELEVATION 178

ARP 274426.409N 0980136.454W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
ROD ON OL DIRECTION FINDR	274421.05	0980147.06	1A	201		23	233 30	1096
AIRPORT BEACON	274421.56	0980154.07	1A	231		53	245 55	1657
OL VOR	274422.14	0980115.66	1A	197		19	96 5	1918
POLE	274430.75	0980157.33	1A	210		32	276 15	1927
POLE	274432.84	0980159.77	1A	211		33	280 20	2193
FENCE CORNER	274444.70	0980155.18	1A	182		4	310 46	2498
TREE	274444.10	0980116.77	1A	189		11	37 49	2514
TREE	274444.25	0980113.62	1A	186		8	41 49	2730
BUILDING	274436.73	0980206.94	1A	208		30	283 56	2931
TREE	274358.29	0980119.76	1A	188		10	145 15	3212
TREE	274354.85	0980131.17	1A	194		16	164 38	3222
TREE	274352.82	0980138.54	1A	194		16	176 15	3398
POLE	274350.85	0980139.59	1A	204		26	177 35	3602
TREE	274350.76	0980131.25	1A	203		25	165 42	3630
FENCE	274354.04	0980114.83	1A	169		-9	142 22	3803
TREE	274400.76	0980100.25	1A	197		19	121 38	4158
TREE	274358.15	0980100.47	1A	189		11	124 31	4312
FLAGPOLE	274546.16	0980245.01	1B	299		121	315 42	10139
OL DERRICK	274637.40	0980124.66	2C	338		160	357 41	13271
OL ON WATER TANK	274437.29	0980412.78	2C	360		182	267 35	14090
OL ON WATER TANK	274457.94	0980414.04	2C	360		182	275 47	14514
OL ON WATER TANK	274546.74	0980418.31	2C	349		171	292 16	16652



TOUCHDOWN ZONE RUNWAY	ELEVATION
8	177
26	176
13	178
31	173
17	173
35	173

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ALICE, TEXAS

(NOT TO SCALE)