OBSTRUCTION DATA SHEET

ODS 110
DAYTONA BEACH REGIONAL AIRPORT
DAYTONA BEACH, FLORIDA

DIGITIZED FROM

OC 110
SURVEYED APRIL 1993
11TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD

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

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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 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).

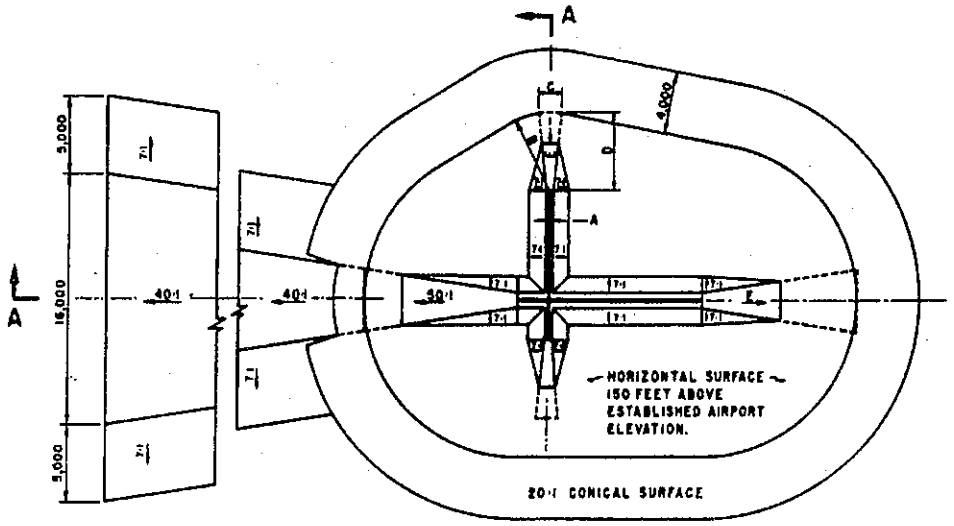
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

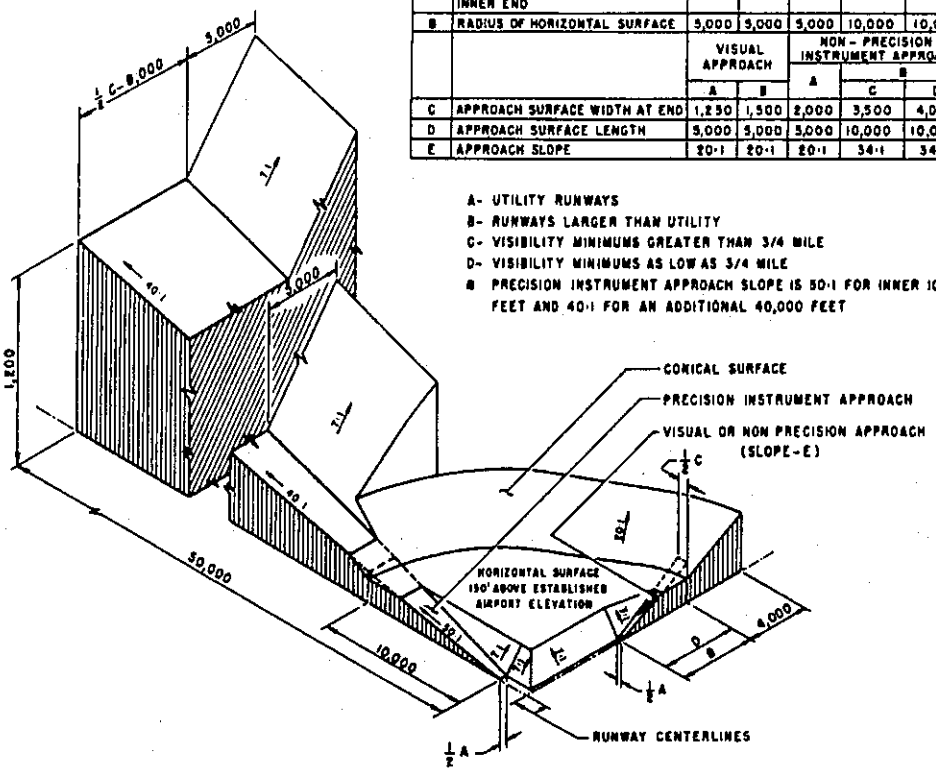
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision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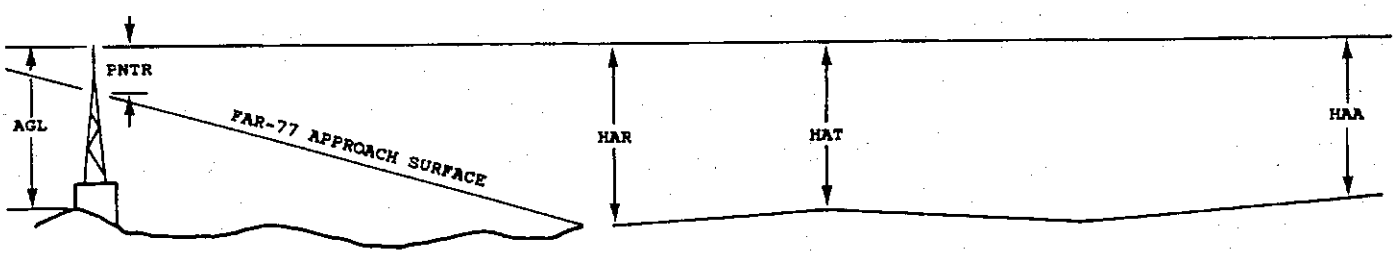
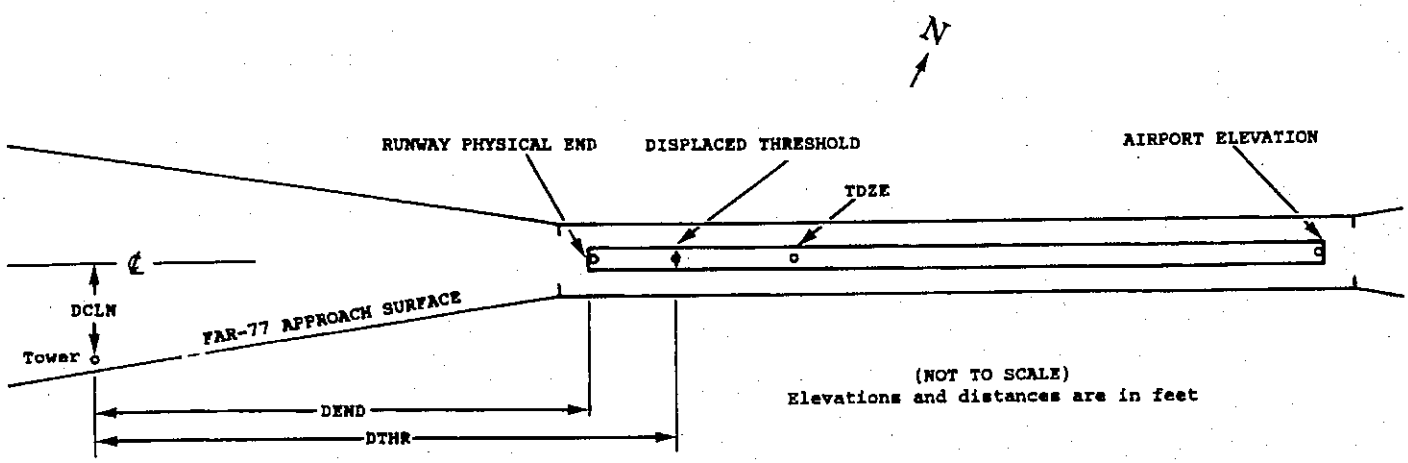




EXPLANATION OF FOOTNOTES

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).

OC0110

AIRPORT ELEVATION 35

16 C 32/ 34 291127.171 -810322.827 1570950.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	291116.26	-810314.84	1A	40		8	6	5	-1290		225L	8
SIGN	291135.88	-810331.08	1A	41		9	7	6	1095		333R	-17
TREE	291142.06	-810326.74	1A	73		41	39	38	1521		265L	2
TREE	291143.86	-810329.23	1A	72		40	38	37	1774		131L	-6

34 C 34/ 35 291032.426 -810256.559 3371003.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	291116.26	-810314.84	1A	40		6	5	5	-4710		225R	8
TREE	291022.66	-810249.66	1A	79		45	44	44	1147		181R	17
TREE	291019.38	-810249.13	1A	96		62	61	61	1470		96R	25
TREE	291017.45	-810252.01	1A	103		69	68	68	1550		215L	30

7L PIR 31/ 32 291033.622 -810409.335 651220.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	291058.15	-810302.56	1A	43		12	11	8	-6412		233R	8
OL ON GS	291035.16	-810354.79	1A	65		34	33	30	-1236		400R	34
OL ON WSK	291039.76	-810400.10	1A	38		7	6	3	-1003		220L	7
POLE	291025.42	-810424.39	1A	42		11	10	7	1559		192R	-16
TREE	291028.69	-810441.75	1A	83		52	51	48	2817		753L	0
TREE	291006.05	-810508.38	1A	109		78	77	74	5919		333R	-36
SIGN	291010.59	-810511.67	1A	110		79	78	75	5992		206L	-37

OC0110

AIRPORT ELEVATION 35

25R C 34/ 35 291104.753 -810252.524 2451257.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	291039.76	-810400.10	1A	38		4	3	3	-6496		220R	7
OL ON GS	291035.16	-810354.79	1A	65		31	30	30	-6264		400L	34
OL ON LTD WSK	291058.15	-810302.56	1A	43		9	8	8	-1087		233L	8
OL ON LOC	291109.94	-810239.74	1A	36		2	1	1	1249		0R	-28
ANT ON BLDG	291107.24	-810238.30	1A	44		10	9	9	1250		301L	-20
TREE	291114.44	-810231.57	1A	71		37	36	36	2096		109R	-18
TREE	291116.66	-810228.68	1A	85		51	50	50	2422		206R	-14

7R AV 30/ 34 291033.718 -810324.657 650812.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	291024.54	-810340.28	1A	96		66	62	61	1646		259R	-6
TREE	291024.80	-810341.83	1A	103		73	69	68	1760		178R	-5

25L AV 33/ 34 291047.023 -810251.938 2450828.

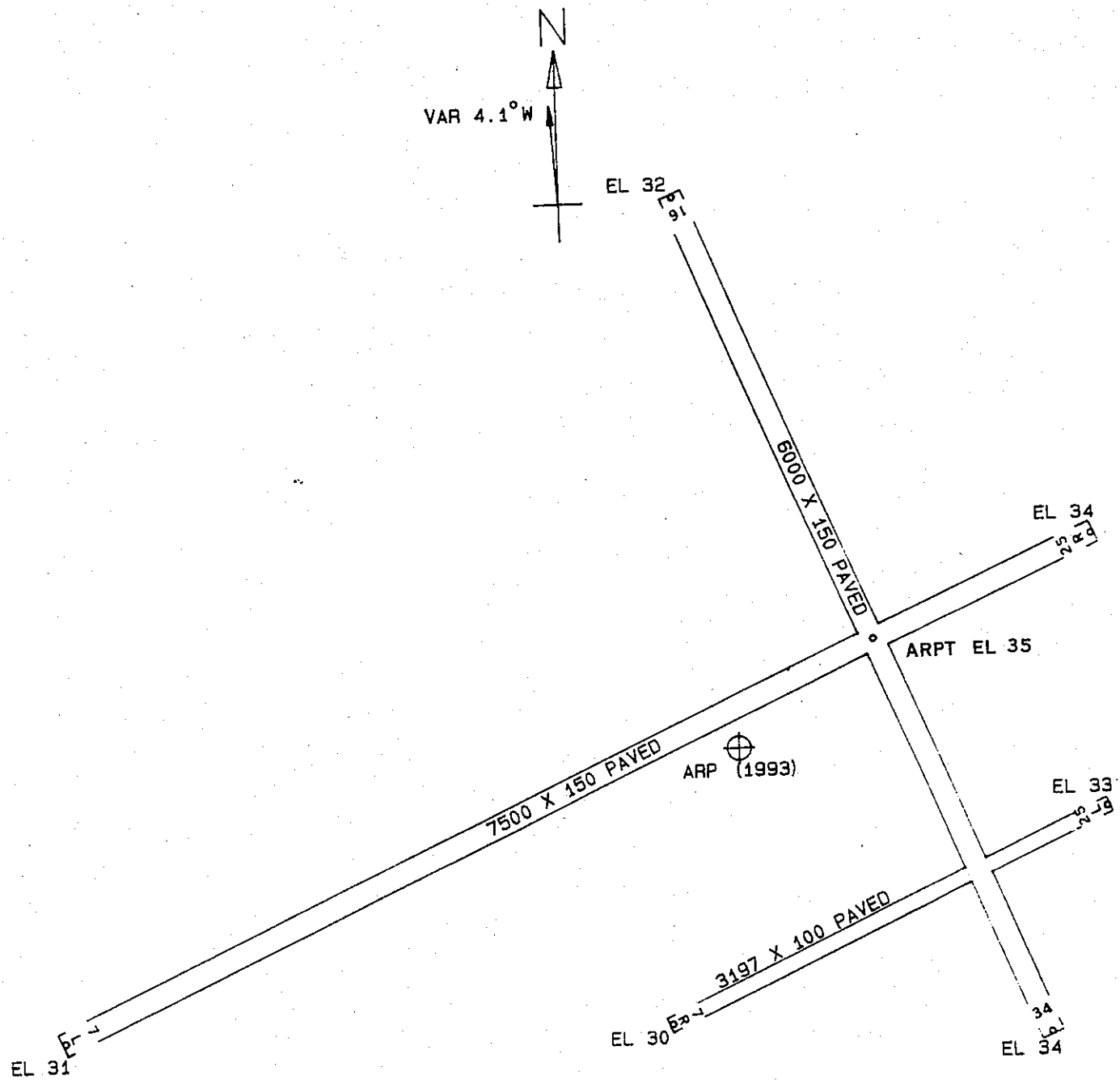
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	291048.45	-810247.39	1A	38		5	4	3	427		38L	-7
TREE	291058.28	-810231.68	1A	82		49	48	47	2107		277R	-47

OC0110

AIRPORT ELEVATION 35

ARP 291051.314 -810318.966

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT ON OL RTR TWR	291046.96	-810314.63	1A	99		64	14258	584
ANT ON OL ATCT	291043.92	-810320.66	1A	150		115	19529	761
TREE	291042.30	-810328.49	1A	67		32	22656	1241
OL ON LTD WSK	291037.18	-810320.23	1A	39		4	18834	1432
ANT ON OL BLDG	291107.75	-810324.56	1A	106		71	34728	1733
TREE	291031.33	-810317.24	1A	85		50	17946	2024
OL ON LTD WSK	291042.89	-810257.86	1A	41		6	11832	2056
SIGN ON HANGAR	291049.90	-810255.56	1A	63		28	9802	2079
TREE	291030.00	-810324.43	1A	67		32	19646	2206
ANT	291054.24	-810254.00	1A	94		59	8629	2233
TREE	291029.28	-810321.48	1A	84		49	18948	2237
ANT ON OL RTR TWR	291035.40	-810337.98	1A	100		65	23027	2329
ANT ON BLDG	291111.43	-810305.14	1A	88		53	3511	2373
OL ON AMOM	291059.32	-810252.30	1A	60		25	7512	2499
TREE	291026.41	-810327.56	1A	102		67	20057	2628
ANT ON OL DOME	291055.72	-810248.55	1A	105		70	8442	2733
TREE	291031.02	-810340.39	1A	95		60	22655	2794
ANT ON ASR	291052.08	-810352.61	1A	109		74	27535	2983
WSK ON HANGAR	291120.96	-810326.54	1A	60		25	35128	3069
TREE	291032.06	-810252.11	1A	58		23	13320	3074
LIGHT	291112.93	-810252.63	1A	59		24	5100	3196
TREE	291029.57	-810250.86	1A	68		33	13529	3321
TREE	291021.68	-810300.14	1A	111		76	15457	3427
TREE	291021.40	-810256.78	1A	100		65	15102	3605
TREE	291026.04	-810248.77	1A	84		49	13744	3699
TREE	291018.22	-810257.63	1A	113		78	15435	3841
ANT ON MAST	291117.39	-810244.88	1A	84		49	5300	4008
TREE	291105.85	-810228.16	1A	91		56	7602	4737
TREE	291140.03	-810323.17	1A	66		31	35946	4935
OL ON BLDG	291139.11	-810335.37	1A	80		45	34720	5042
TREE	291139.53	-810338.57	1A	110		75	34427	5171
MCWV TWR	291145.41	-810307.19	1A	142		107	1454	5563
TREE	291022.22	-810413.10	1A	101		66	24237	5627
TREE	291035.96	-810420.68	1A	66		31	25816	5686
ANT	291137.64	-810356.00	1A	177		142	32903	5716
OL ON BLDG	291116.07	-810424.19	1A	189		154	29729	6299
ANT ON BLDG	291204.71	-810312.42	1A	212		177	834	7436
TOWER	291159.19	-810215.01	1A	185		150	4340	8896
OL ON MCWV TWR	291153.28	-810137.83	1A	198		163	5910	10933
OL ON TANK	291244.75	-810330.01	1A	170		135	35913	11500
ROD ON OL TWR	291119.33	-810026.64	1A	305	300	270	8335	15534



TOUCHDOWN ZONE RUNWAY	ELEVATION
16	34
34	35
7L	32
25R	35
7R	34
25L	34

DAYTONA BEACH REGIONAL AIRPORT

DAYTONA BEACH, FLORIDA

(NOT TO SCALE)

(ELEVATIONS AND DISTANCES IN FEET)