OBSTRUCTION DATA SHEET

ODS 857
ANDERSON COUNTY AIRPORT
ANDERSON, SOUTH CAROLINA

DIGITIZED FROM

OC 857
SURVEYED APRIL 1991
9TH EDITION

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THE NATIONAL OCEAN SERVICE
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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 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).

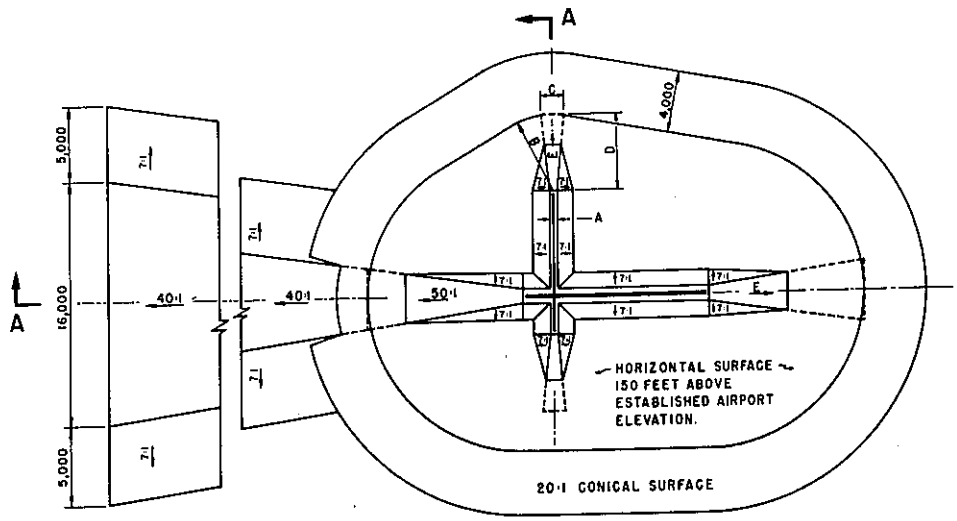
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

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)

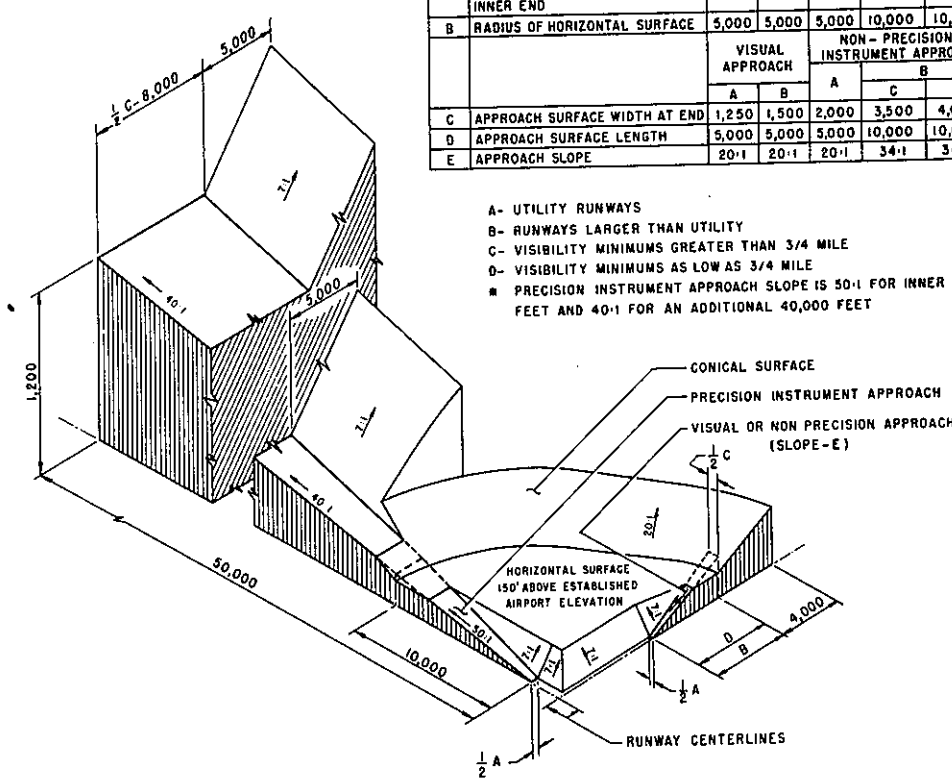
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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	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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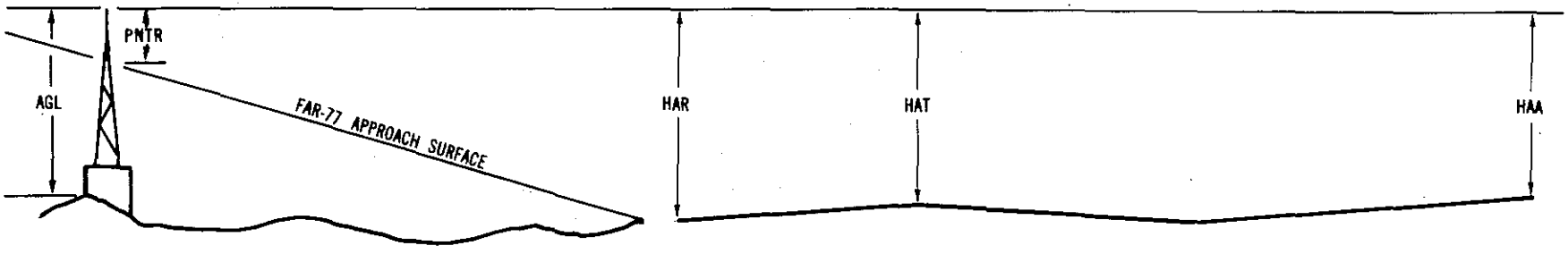
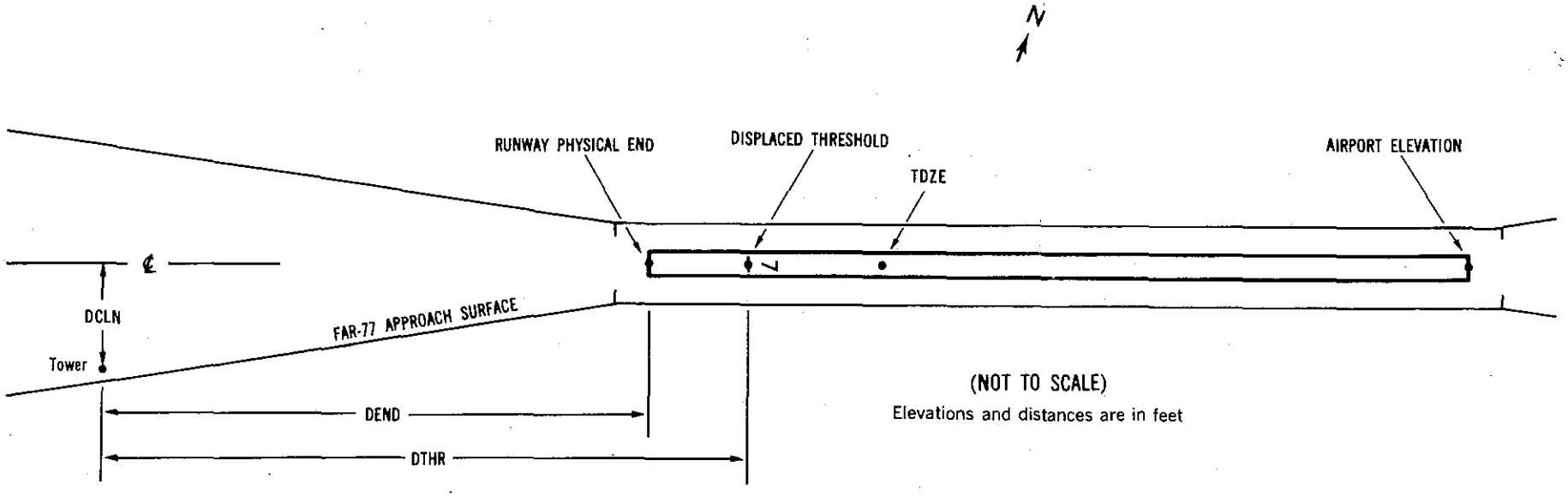




(NOT TO SCALE)

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 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).

OC0857

AIRPORT ELEVATION 782

5 PIR 753/757 342924.454N 0824250.503W 2255343

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	343003.70	0824210.02	1A	782		29	25	0	-5194		491L	34
GROUND	343002.74	0824211.00	1A	756		3	-1	-26	-5068		478L	8
BUSH	342957.41	0824205.15	1A	755		2	-2	-27	-5045		249R	7
TREE	342953.84	0824205.97	1A	794		41	37	12	-4744		461R	45
GROUND	342958.81	0824216.24	1A	755		2	-2	-27	-4477		499L	4
FENCE	342951.43	0824212.02	1A	754		1	-3	-28	-4211		284R	3
TREE	342948.10	0824212.73	1A	790		37	33	8	-3934		484R	39
TREE	342943.91	0824219.28	1A	803		50	46	21	-3245		406R	52
GROUND	342949.65	0824227.65	1A	752		-1	-5	-30	-3146		498L	1
TREE	342942.70	0824222.86	1A	781		28	24	-1	-2945		286R	29
GROUND	342942.56	0824234.14	1A	756		3	-1	-26	-2258		361L	2
GROUND	342943.30	0824235.09	1A	757		4	0	-25	-2253		470L	3
TREE	342936.03	0824229.57	1A	771		18	14	-11	-2073		379R	17
BUSH	342933.58	0824231.35	1A	766		13	9	-16	-1793		453R	11
BUSH	342924.51	0824242.90	1A	761		8	4	-21	-461		439R	6
BUSH	342922.94	0824247.31	1A	761		8	4	-21	-85		296R	8
TREE	342927.67	0824254.02	1A	774		21	17	-8	-15		439L	21
TREE	342921.27	0824246.55	1A	776		23	19	-6	-13		462R	23
TREE	342921.30	0824249.43	1A	774		21	17	-8	158		292R	21
TREE	342926.72	0824255.83	1A	788		35	31	6	160		475L	35
GROUND	342925.43	0824254.63	1A	759		6	2	-23	179		311L	6
TREE	342919.35	0824252.02	1A	765		12	8	-17	450		283R	7
TREE	342918.09	0824259.90	1A	779		26	22	-3	1013		85L	10
TREE	342916.21	0824302.78	1A	791		38	34	9	1318		117L	16
TREE	342908.27	0824308.84	1A	813		60	56	31	2241		106R	19
TREE	342912.17	0824314.57	1A	794		41	37	12	2311		511L	-1
TREE	342902.20	0824307.94	1A	816		63	59	34	2614		599R	15
TRANSMISSION TOWER	342909.71	0824317.07	1A	794		41	37	12	2634		478L	-8

OC0857

AIRPORT ELEVATION 782

23 C 748/754 342958.872N 08242 7.609W 0455407

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	342925.43	0824254.63	1A	759		11	5	-23	-5179		311R	6
TREE	342926.72	0824255.83	1A	788		40	34	6	-5160		475R	35
TREE	342921.30	0824249.43	1A	774		26	20	-8	-5157		292L	21
TREE	342921.27	0824246.55	1A	776		28	22	-6	-4986		462L	23
TREE	342927.67	0824254.02	1A	774		26	20	-8	-4985		439R	21
BUSH	342922.94	0824247.31	1A	761		13	7	-21	-4914		296L	8
BUSH	342924.51	0824242.90	1A	761		13	7	-21	-4539		439L	6
BUSH	342933.58	0824231.35	1A	766		18	12	-16	-3207		453L	11
TREE	342936.03	0824229.57	1A	771		23	17	-11	-2927		379L	17
GROUND	342943.30	0824235.09	1A	757		9	3	-25	-2747		470R	3
GROUND	342942.56	0824234.14	1A	756		8	2	-26	-2742		361R	2
TREE	342942.70	0824222.86	1A	781		33	27	-1	-2055		286L	29
GROUND	342949.65	0824227.65	1A	752		4	-2	-30	-1854		498R	1
TREE	342943.91	0824219.28	1A	803		55	49	21	-1754		406L	52
TREE	342948.10	0824212.73	1A	790		42	36	8	-1066		484L	39
FENCE	342951.43	0824212.02	1A	754		6	0	-28	-789		284L	3
GROUND	342958.81	0824216.24	1A	755		7	1	-27	-523		499R	4
TREE	342953.84	0824205.97	1A	794		46	40	12	-256		461L	45
BUSH	342957.41	0824205.15	1A	755		7	1	-27	45		249L	7
GROUND	343002.74	0824211.00	1A	756		8	2	-26	68		478R	8
TREE	343003.70	0824210.02	1A	782		34	28	0	195		491R	34
OL ON LOCALIZER	343006.77	0824157.77	1A	764		16	10	-18	1147		0R	-12
TREE	343011.16	0824202.37	1A	793		45	39	11	1180		587R	16
POLE	343010.71	0824200.32	1A	790		42	36	8	1271		434R	11
TREE	343010.66	0824159.09	1A	792		44	38	10	1341		359R	10
TREE	343005.58	0824151.66	1A	792		44	38	10	1431		442L	8
TREE	343010.62	0824155.32	1A	804		56	50	22	1564		137R	16
TREE	343013.47	0824157.24	1A	830		82	76	48	1650		456R	39
BILLBOARD	343008.22	0824148.76	1A	791		43	37	9	1791		419L	-4
TREE	343018.70	0824155.51	1A	849		101	95	67	2122		735R	44
TREE	343010.95	0824140.07	1A	852		104	98	70	2505		727L	36
TREE	343017.89	0824136.64	1A	846		98	92	64	3199		423L	10
TREE	343017.31	0824128.32	1A	861		113	107	79	3659		950L	11

AIRPORT ELEVATION 782

23 C 748/754 342958.872N 08242 7.609W 0455407

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	343018.95	0824129.63	1A	860		112	106	78	3695		755L	9

17 SUPLC 782/782 343005.261N 0824244.201W 3455404

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	342917.77	0824232.91	1A	747		-35	-35	-35	-4887		253R	9
BUSH	342919.71	0824227.37	1A	747		-35	-35	-35	-4810		244L	8
BUSH	342921.54	0824234.20	1A	751		-31	-31	-31	-4491		265R	9
BUSH	342933.58	0824231.35	1A	766		-16	-16	-16	-3368		263L	13
GROUND	342942.56	0824234.14	1A	756		-26	-26	-26	-2431		258L	-2
GROUND	342943.30	0824235.09	1A	757		-25	-25	-25	-2339		199L	-2
GROUND	343007.27	0824244.80	1A	784		2	2	2	209		1L	2
TREE	343015.11	0824247.84	1A	816		34	34	34	1040		53R	9
TREE	343016.78	0824243.63	1A	835		53	53	53	1117		330L	26
TREE	343017.76	0824243.02	1A	845		63	63	63	1202		404L	34
TREE	343016.62	0824249.17	1A	839		57	57	57	1215		124R	27
TREE	343019.74	0824244.38	1A	839		57	57	57	1424		342L	21
TREE	343019.39	0824246.88	1A	841		59	59	59	1440		131L	23

OC0857

AIRPORT ELEVATION 782

35 C 737/762 342917.316N 0824229.659W 1655412

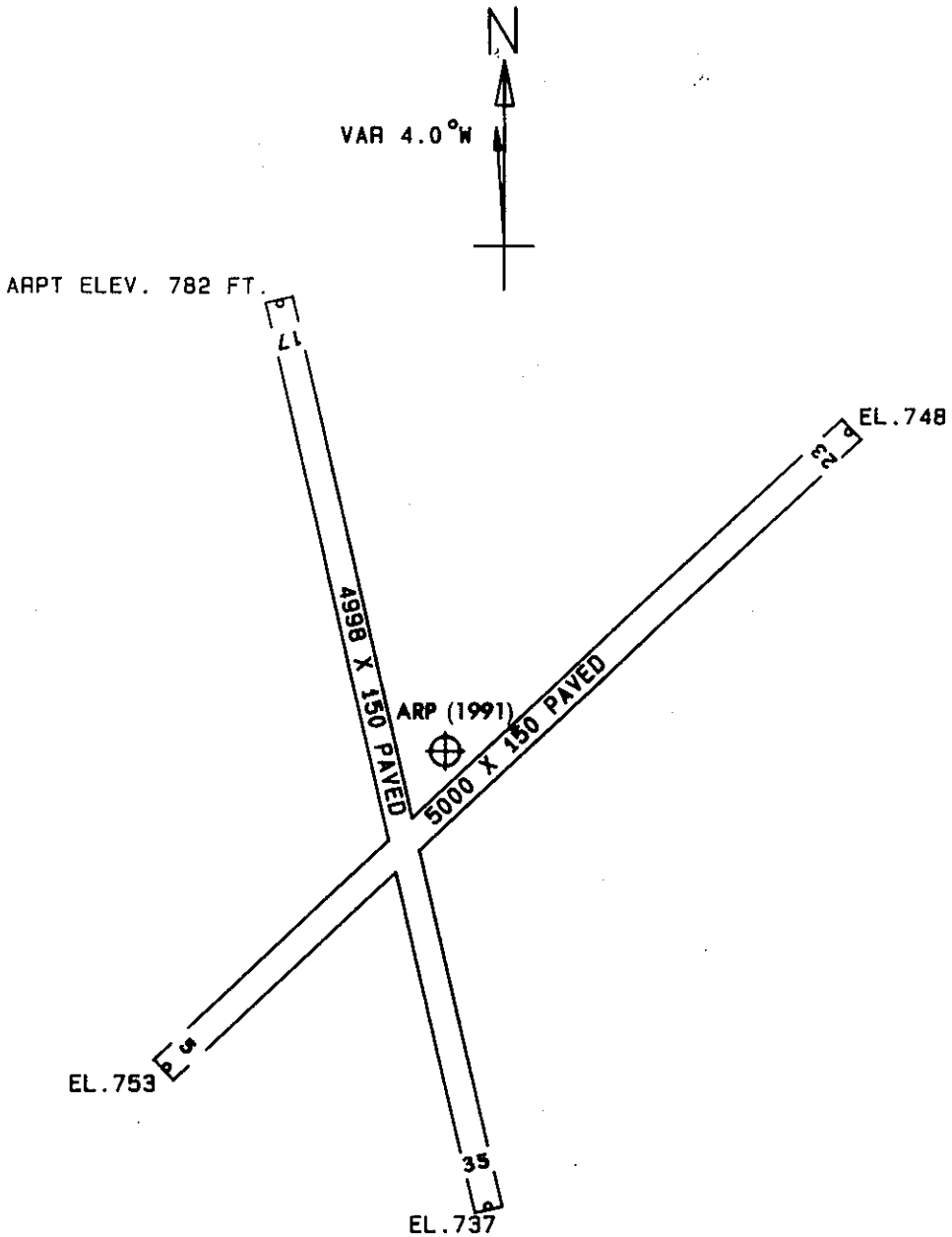
OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	343007.27	0824244.80	1A	784		47	22	2	-5207		1R	2
GROUND	342943.30	0824235.09	1A	757		20	-5	-25	-2659		199R	-2
GROUND	342942.56	0824234.14	1A	756		19	-6	-26	-2567		258R	-2
BUSH	342933.58	0824231.35	1A	766		29	4	-16	-1629		263R	13
BUSH	342921.54	0824234.20	1A	751		14	-11	-31	-507		265L	9
BUSH	342919.71	0824227.37	1A	747		10	-15	-35	-188		244R	8
BUSH	342917.77	0824232.91	1A	747		10	-15	-35	-111		253L	9
TREE	342914.39	0824232.08	1A	748		11	-14	-34	237		269L	10
TREE	342914.27	0824225.62	1A	747		10	-15	-35	381		253R	5
TREE	342914.27	0824225.09	1A	764		27	2	-18	392		296R	21
TREE	342905.86	0824226.43	1A	787		50	25	5	1189		20L	21
TREE	342904.00	0824228.46	1A	786		49	24	4	1330		230L	16
TREE	342903.97	0824222.97	1A	782		45	20	0	1444		214R	8
TREE	342900.88	0824224.13	1A	798		61	36	16	1724		44R	16
TREE	342857.12	0824219.61	1A	807		70	45	25	2185		318R	12

OC0857

AIRPORT ELEVATION 782

ARP 342941.476N 0824232.992W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
OL ANEMOMETER	342946.49	0824233.58	1A	794		12	358 29	509
ROD ON OL DF ANTENNA	342949.09	0824233.76	1A	800		18	359 14	773
OL ON WINDSOCK	342943.05	0824242.73	1A	787		5	285 3	831
RADIO BEACON	342952.84	0824231.22	1A	810		28	11 20	1158
TREE	342942.11	0824218.29	1A	836		54	91 2	1232
ANTENNA	342939.15	0824247.81	1A	820		38	263 15	1262
TREE	342925.69	0824228.55	1A	771		-11	170 53	1639
OL ON AIRPORT BEACON	342941.89	0824252.61	1A	808		26	275 29	1643
TREE	342921.98	0824226.89	1A	773		-9	169 29	2036
TREE	342928.36	0824255.22	1A	798		16	238 32	2284
TREE	342918.11	0824226.51	1A	758		-24	171 4	2424
TREE	342950.38	0824204.64	1A	829		47	73 14	2538
TREE	342916.21	0824233.14	1A	756		-26	184 16	2554
TREE	343002.63	0824216.16	1A	798		16	37 22	2561
TREE	343007.10	0824237.41	1A	855		73	355 53	2617
TREE	342918.48	0824248.03	1A	774		-8	212 26	2644
CEILOMETER	343006.89	0824248.79	1A	793		11	336 46	2889
TREE	342955.71	0824202.20	1A	791		9	64 50	2952
ANTENNA ON BUILDING	343005.67	0824253.12	1A	826		44	329 26	2970
TREE	342923.68	0824303.75	1A	794		12	239 3	3141
TREE	342906.30	0824232.63	1A	793		11	183 31	3557
TRANSMISSION TOWER	342920.86	0824320.42	1A	846		64	246 18	4484
TREE	343003.42	0824143.39	1A	851		69	65 53	4707
SPIRE	343101.24	0824421.16	1B	940		158	315 42	12124
OL TANK	343044.45	0824455.22	2C	964		182	302 9	13499
ANTENNA ON OL GRAIN ELEV	343155.83	0824136.67	2C	977		195	23 8	14377
RADIO TOWER (SE OF 3)	343208.60	0824127.56	2C	1019		237	24 12	15849



TOUCHDOWN ZONE RUNWAY	ELEVATION
5	757
23	754
17	782
35	762

ANDERSON COUNTY AIRPORT

ANDERSON, SOUTH CAROLINA

(NOT TO SCALE)