OBSTRUCTION DATA SHEET

ODS 380
SAVANNAH INTERNATIONAL AIRPORT
SAVANNAH, GEORGIA

DIGITIZED FROM

OC 380
SURVEYED DECEMBER 1990
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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 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).

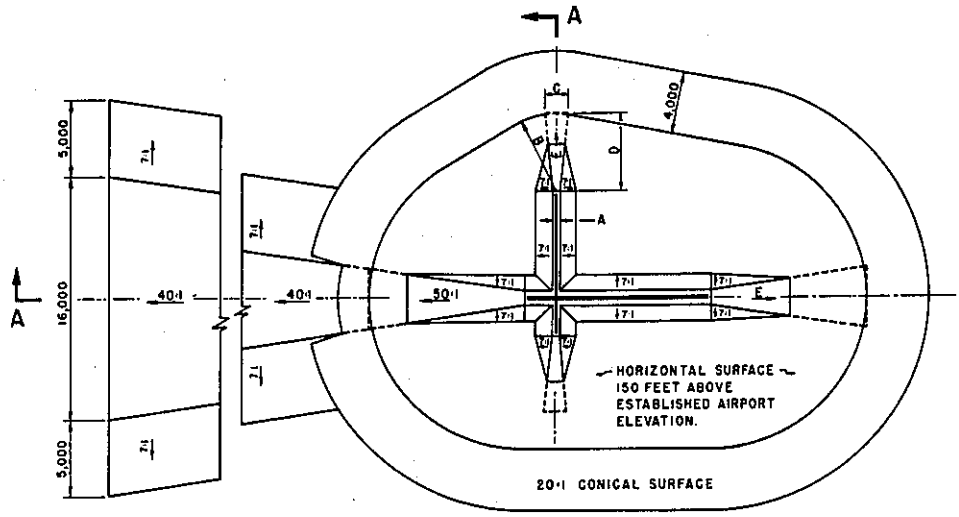
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

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)

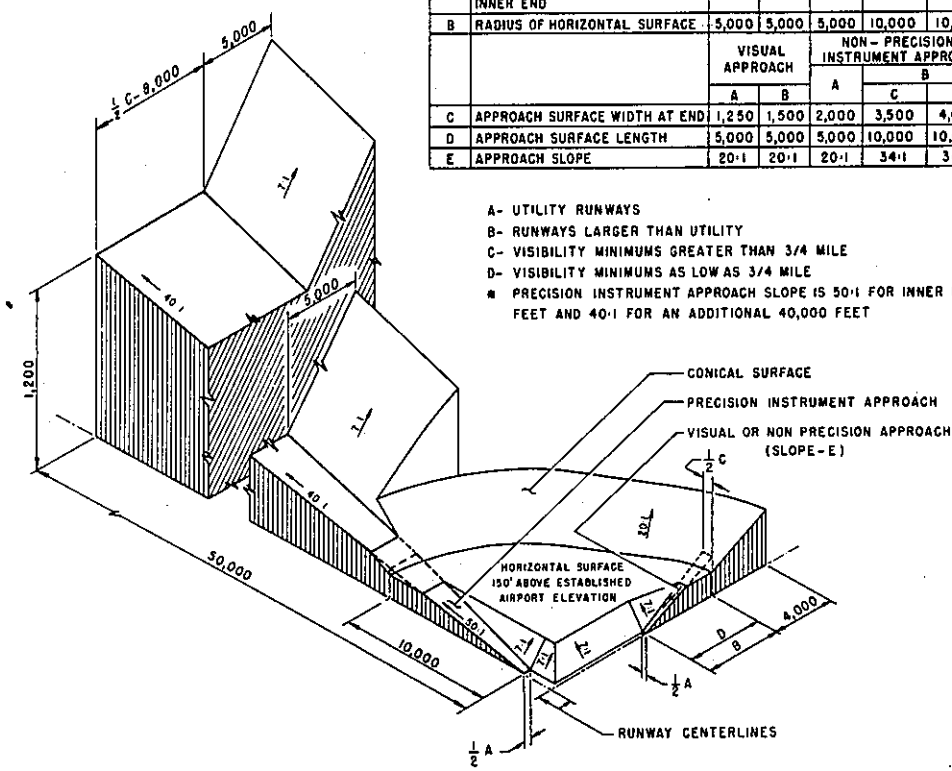
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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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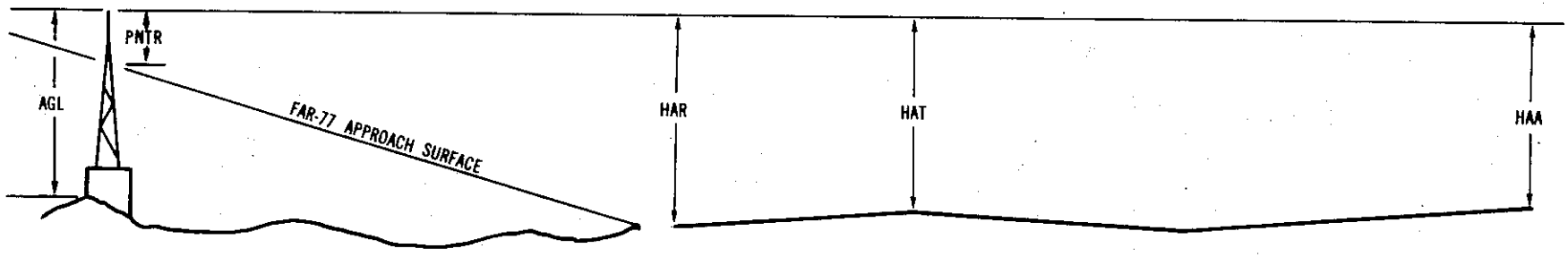
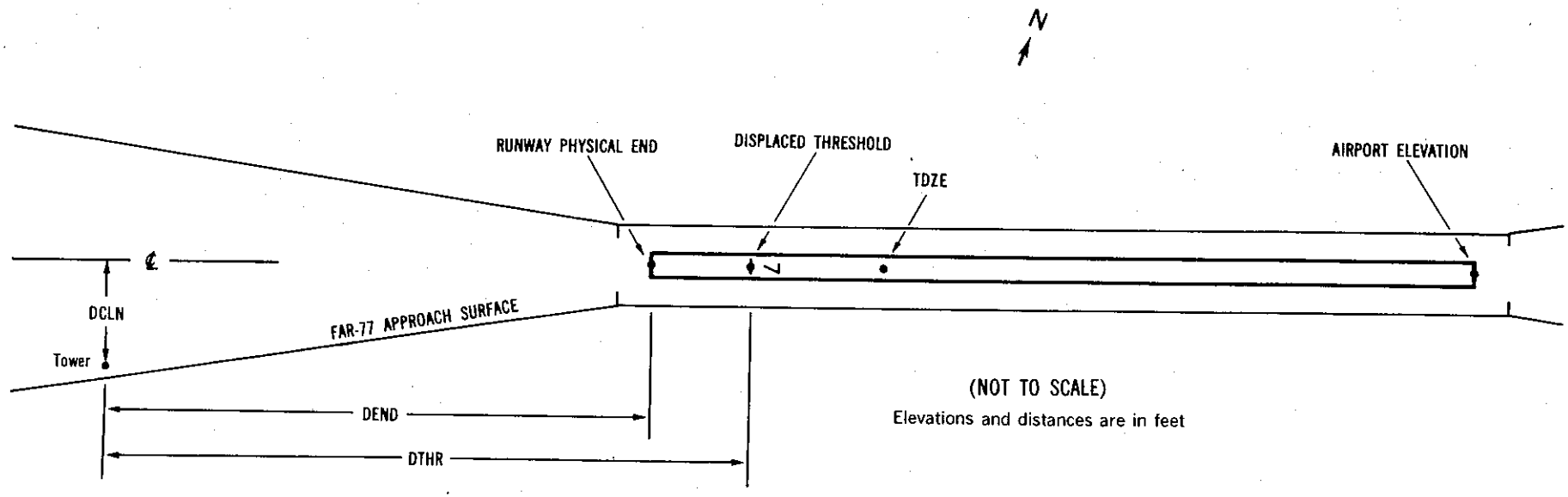




(NOT TO SCALE)

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).

OC0380

AIRPORT ELEVATION 51

9 PIR 18/32 320742.785N 08113 8.265W 2703657

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LIGHTED WINDSOCK	320744.60	0811131.70	1A	59		41	27	8	-8302		273L	8
ANTENNA	320745.96	0811204.16	1A	68		50	36	17	-5509		380L	23
ROD ON OL TRANSMISSOMETER	320747.04	0811254.25	1A	38		20	6	-13	-1200		443L	14
ROD ON OL TRANSMISSOMETER	320746.64	0811257.16	1A	36		18	4	-15	-951		400L	13
ROD ON OL GLIDE SLOPE	320746.30	0811257.87	1A	62		44	30	11	-890		365L	40
TREE	320750.26	0811329.71	1A	33		15	1	-18	1852		736L	-18
TREE	320748.63	0811346.69	1A	82		64	50	31	3310		555L	2
TREE	320733.69	0811350.00	1A	109		91	77	58	3579		957R	23
TREE	320737.74	0811352.33	1A	105		87	73	54	3784		550R	15
TREE	320739.34	0811355.30	1A	105		87	73	54	4041		391R	10
TREE	320735.66	0811406.56	1A	114		96	82	63	5005		774R	-1

27 C 49/51 320741.814N 0811123.465W 0903753

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GLIDE SLOPE	320746.30	0811257.87	1A	62		13	11	11	-8123		365R	40
ROD ON OL TRANSMISSOMETER	320746.64	0811257.16	1A	36		-13	-15	-15	-8062		400R	13
ROD ON OL TRANSMISSOMETER	320747.04	0811254.25	1A	38		-11	-13	-13	-7813		443R	14
ANTENNA	320745.96	0811204.16	1A	68		19	17	17	-3504		380R	23
OL ON LIGHTED WINDSOCK	320744.60	0811131.70	1A	59		10	8	8	-711		273R	8
RADAR REFLECTOR	320741.67	0811105.83	1A	54		5	3	3	1517		2R	-34
RAILROAD	320741.61	0811103.89	1A	47		-2	-4	-4	1683		2L	-46
TREE	320742.38	0811043.54	1A	112		63	61	61	3433		95R	-32

OC0380

AIRPORT ELEVATION 51

18 C 43/46 320808.208N 08112 1.114W 3593726

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LIGHTED WINDSOCK	320708.82	0811157.90	1A	41		-2	-5	-10	-6003		237L	9
ROD ON OL GLIDE SLOPE	320709.28	0811205.31	1A	70		27	24	19	-5952		400R	38
GROUND	320735.79	0811155.44	1A	46		3	0	-5	-3279		466L	2
ANTENNA	320745.96	0811204.16	1A	68		25	22	17	-2247		277R	22
OL ON LIGHTED WINDSOCK	320756.22	0811158.24	1A	56		13	10	5	-1213		239L	12
FENCE	320809.18	0811155.24	1A	48		5	2	-3	95		506L	5
ANTENNA	320811.15	0811156.27	1A	64		21	18	13	295		418L	18
ROAD (N)	320811.62	0811155.04	1A	55		12	9	4	342		525L	8
OL ON LOCALIZER	320812.17	0811201.15	1A	45		2	-1	-6	400		0R	-4
ANTENNA ON BUILDING	320812.22	0811158.29	1A	51		8	5	0	403		245L	2
POLE	320818.11	0811155.36	1A	64		21	18	13	998		501L	-2
LIGHT STANDARD	320826.57	0811152.91	1A	76		33	30	25	1851		718L	-16

36 PIR 30/40 320658.925N 08112 0.580W 1793727

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	320809.18	0811155.24	1A	48		18	8	-3	-7096		506R	5
OL ON LIGHTED WINDSOCK	320756.22	0811158.24	1A	56		26	16	5	-5788		239R	12
ANTENNA	320745.96	0811204.16	1A	68		38	28	17	-4755		277L	22
GROUND	320735.79	0811155.44	1A	46		16	6	-5	-3722		466R	2
ROD ON OL GLIDE SLOPE	320709.28	0811205.31	1A	70		40	30	19	-1049		400L	38
OL ON LIGHTED WINDSOCK	320708.82	0811157.90	1A	41		11	1	-10	-999		237R	9
ANTENNA	320649.26	0811206.69	1A	37		7	-3	-14	973		532L	-8
TREE	320622.09	0811203.08	1A	111		81	71	60	3721		239L	11
TREE	320621.76	0811200.55	1A	103		73	63	52	3756		22L	2
TREE	320621.51	0811156.85	1A	108		78	68	57	3783		296R	6
TREE	320621.23	0811152.95	1A	108		78	68	57	3813		631R	6
TREE	320620.97	0811204.91	1A	109		79	69	58	3833		397L	6
TREE	320617.79	0811209.67	1A	114		84	74	63	4152		809L	5

OC0380

AIRPORT ELEVATION 51

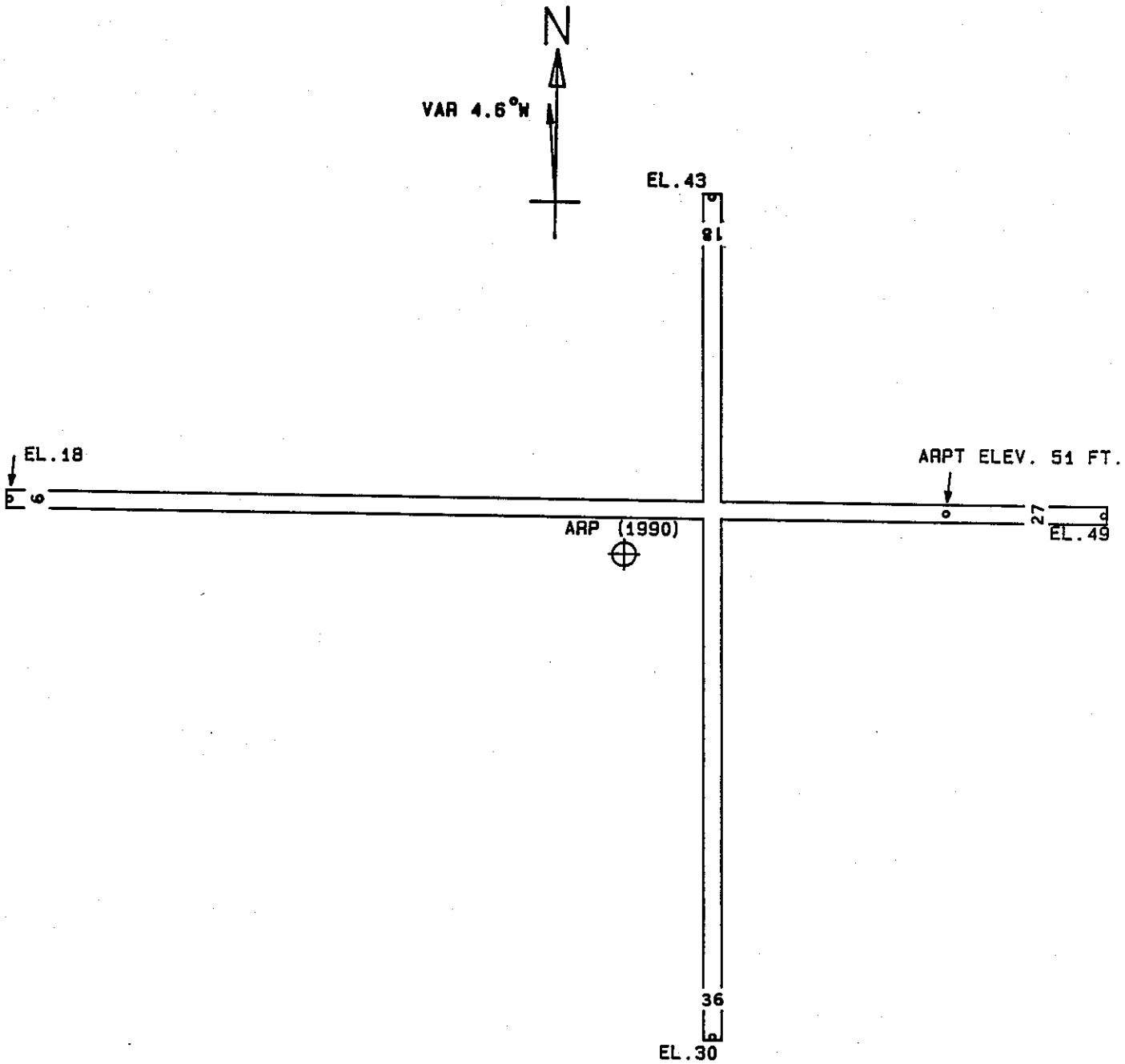
ARP 320738.483N 0811209.299W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
ANTENNA	320736.95	0811207.99	1A	60		9	148 31	191
ANTENNA ON RTR TOWER	320754.62	0811207.87	1A	89		38	8 55	1635
ANTENNA	320749.64	0811151.98	1A	69		18	57 28	1868
OL ON LIGHTED WINDSOCK	320734.69	0811144.54	1A	74		23	104 49	2163
ROD ON OL AIRPORT BEACON	320734.08	0811143.76	1A	106		55	106 3	2241
ROD ON OL RADAR DOME	320733.37	0811143.34	1A	134		83	107 37	2292
ANTENNA	320715.73	0811208.45	1A	55		4	182 47	2300
ANTENNA ON OL ATC TOWER	320803.25	0811235.44	1B	126		75	322 40	3364
TREE	320734.34	0811250.55	1A	97		46	267 52	3572
WINDSOCK ON OL HANGAR	320811.45	0811150.43	1A	109		58	30 34	3706
TREE	320815.25	0811209.95	1A	91		40	3 44	3716
FLAGPOLE	320812.97	0811152.77	1A	91		40	26 47	3764
TREE	320816.54	0811209.08	1A	82		31	4 53	3846
OL ON LIGHT STANDARD	320702.42	0811152.29	1A	65		14	162 44	3927
TREE	320734.47	0811254.83	1A	89		38	268 42	3936
TREE	320819.69	0811209.07	1A	80		29	4 53	4164
TREE	320819.91	0811211.10	1A	107		56	2 29	4189
FLOODLIGHT	320658.86	0811152.26	1A	61		10	164 30	4264
TREE	320734.09	0811258.69	1A	102		51	268 39	4271
FLOODLIGHT	320657.66	0811152.24	1A	60		9	165 1	4378
TREE	320822.43	0811209.32	1A	99		48	4 35	4441
TREE	320653.24	0811213.27	1A	103		52	188 52	4584
TREE	320651.49	0811211.92	1A	94		43	187 19	4754
TREE	320734.08	0811114.15	1A	94		43	99 57	4764
TREE	320735.34	0811305.34	1A	89		38	270 50	4830
TREE	320829.19	0811210.69	1A	103		52	3 16	5126
TREE	320751.71	0811310.54	1A	77		26	288 51	5433
TREE	320751.76	0811314.61	1A	80		29	288 2	5775
TREE	320640.44	0811210.49	1A	78		27	185 36	5866
POLE	320641.61	0811150.95	1A	79		28	169 14	5960
TREE	320736.45	0811319.22	1A	48		-3	272 39	6017
TREE	320750.69	0811059.46	1A	117		66	83 0	6132
TREE	320733.96	0811323.21	1A	101		50	270 29	6373

AIRPORT ELEVATION 51

ARP 320738.483N 0811209.299W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	320752.16	0811330.97	1A	73		22	285 44	7158
TREE	320733.29	0811333.55	1A	91		40	270 28	7264
TREE	320733.44	0811336.33	1A	101		50	270 43	7502
TREE	320753.84	0811349.10	1A	91		40	284 51	8722
ANTENNA ON OL WATER TANK	320758.03	0810949.82	1B	202		151	85 14	12156
ANTENNA	320555.90	0811332.77	1B	198		147	219 19	12610



TOUCHDOWN ZONE RUNWAY	ELEVATION
9	32
27	51
18	46
36	40

SAVANNAH INTERNATIONAL AIRPORT

SAVANNAH, GEORGIA

(NOT TO SCALE)