

OBSTRUCTION DATA SHEET

**ODS 5398
HENRY TIFT MYERS AIRPORT
TIFTON, GEORGIA**

DIGITIZED FROM

**OC 5398
SURVEYED JANUARY 1990
1ST EDITION**



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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:

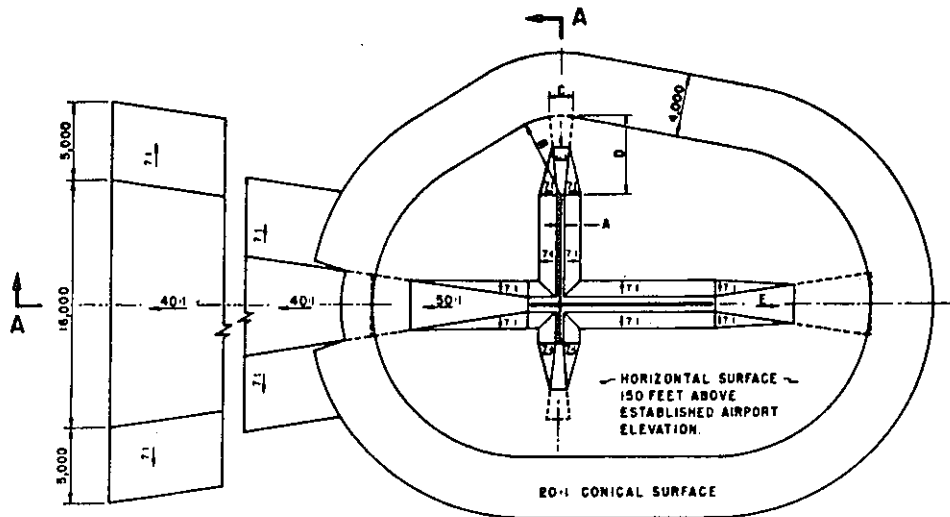
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the 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)

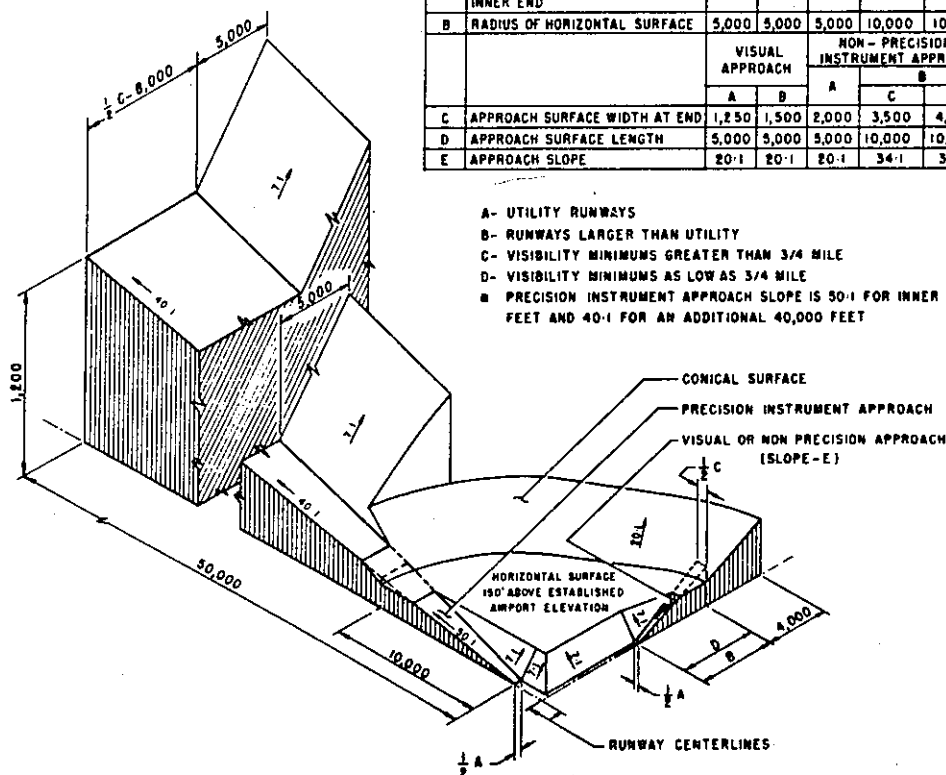
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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	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	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

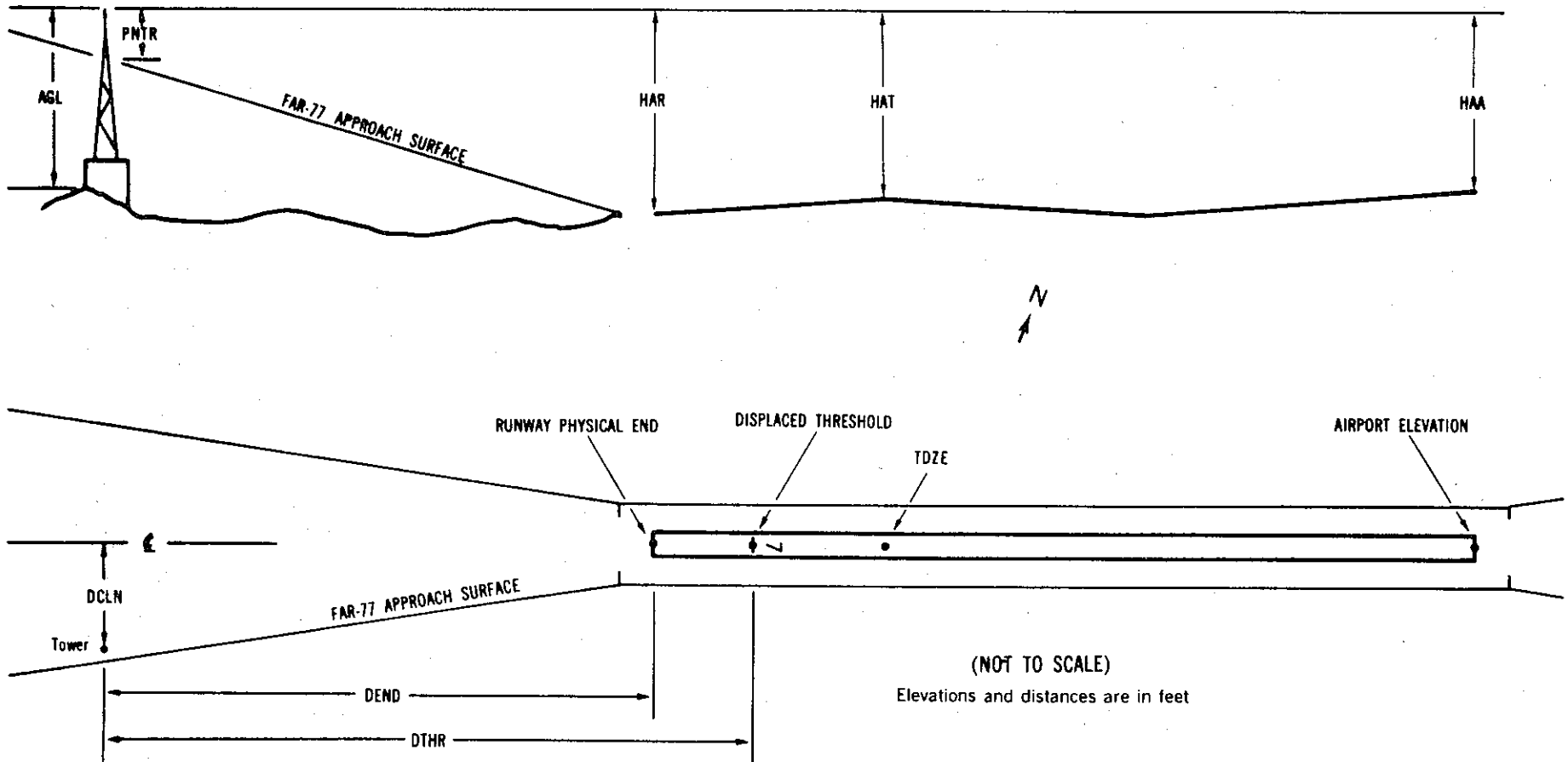
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X ¹	X ²	XXXX/XXXX ³	XXXXXX.XXX ⁴	XXXXXXXX.XXX ⁴	XXXXXXXX ⁵	XXXX/XXXX ⁶	XXXXXX.XXX ⁷	XXXXXXXX.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	
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX	
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX	



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).

OC5398

AIRPORT ELEVATION 355

3 A(V) 349/353 312529.125N 0832923.708W 2111006

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	312524.21	0832928.05	1A	373		24	20	18	619		65L	3
TREE	312523.33	0832927.00	1A	375		26	22	20	648		59R	4
TREE	312517.72	0832931.81	1A	402		53	49	47	1349		4L	-4

21 A(V) 341/353 312557.824N 08329 3.463W 0311017

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	312603.18	0832901.59	1A	366		25	13	11	547		142R	8
TREE	312610.31	0832850.76	1A	403		62	50	48	1649		289L	-10
TREE	312618.30	0832852.16	1A	421		80	68	66	2277		233R	-24
TREE	312619.13	0832844.34	1A	423		82	70	68	2700		303L	-43

OC5398

AIRPORT ELEVATION 355

9 A(V) 351/351 312554.474N 0832932.340W 2742541

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	312554.14	0832848.45	1A	372		21	21	17	-3794		261L	33
TREE	312554.21	0832854.26	1A	367		16	16	12	-3292		228L	28
TREE	312554.29	0832901.20	1A	358		7	7	3	-2691		190L	16
TREE	312555.22	0832908.28	1A	361		10	10	6	-2073		236L	16
TREE	312555.68	0832915.93	1A	368		17	17	13	-1408		231L	21
TREE	312556.86	0832932.80	1A	388		37	37	33	59		238L	37
TREE	312556.93	0832935.24	1A	381		30	30	26	270		228L	27
OL ON DME	312558.06	0832943.77	1A	367		16	16	12	1015		284L	-25
TREE	312557.35	0832946.13	1A	378		27	27	23	1214		198L	-24
TREE	312555.93	0832946.71	1A	373		22	22	18	1252		51L	-31
TREE	312553.97	0832949.96	1A	416		65	65	61	1519		168R	-1
TREE	312557.51	0832951.53	1A	427		76	76	72	1682		178L	2
TREE	312553.12	0832955.89	1A	419		68	68	64	2024		294R	-23

27 A(NP) 339/350 312551.564N 0832848.557W 0942604

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	312556.86	0832932.80	1A	388		49	38	33	-3864		238R	37
TREE	312555.68	0832915.93	1A	368		29	18	13	-2397		231R	21
TREE	312555.22	0832908.28	1A	361		22	11	6	-1732		236R	16
TREE	312554.29	0832901.20	1A	358		19	8	3	-1114		190R	16
TREE	312554.21	0832854.26	1A	367		28	17	12	-513		228R	28
TREE	312554.14	0832848.45	1A	372		33	22	17	-11		261R	33
TREE	312554.07	0832845.83	1A	368		29	18	13	216		270R	28
TREE	312553.90	0832841.81	1A	363		24	13	8	565		281R	6
TREE	312548.04	0832841.40	1A	390		51	40	35	646		307L	29
TREE	312547.97	0832838.79	1A	390		51	40	35	872		296L	17

OC5398

AIRPORT ELEVATION 355

15 SUPLC 352/355 312556.288N 0832938.397W 3292009

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	312511.75	0832911.84	1A	349		-3	-6	-6	-5045		316R	9
TREE	312511.91	0832913.25	1A	360		8	5	5	-4968		412R	20
TREE	312514.49	0832915.35	1A	367		15	12	12	-4651		436R	24
OL ON GLIDE SLOPE	312521.45	0832909.64	1A	374		22	19	19	-4299		348L	28
TREE	312517.94	0832918.31	1A	375		23	20	20	-4221		479R	29
TREE	312530.47	0832915.32	1A	382		30	27	27	-3264		389L	32
TREE	312556.86	0832932.80	1A	388		36	33	33	-197		447L	36
TREE	312556.93	0832935.24	1A	381		29	26	26	-84		269L	29
TREE	312600.68	0832935.73	1A	381		29	26	26	264		425L	27
TREE	312602.22	0832935.43	1A	411		59	56	56	384		526L	54
OL ON DME	312558.06	0832943.77	1A	367		15	12	12	391		309R	9
TREE	312601.67	0832936.68	1A	403		51	48	48	392		405L	45
OL ON LOCALIZER	312559.69	0832940.77	1A	361		9	6	6	401		2R	3
TREE	312557.35	0832946.13	1A	378		26	23	23	434		521R	19
TREE	312601.16	0832938.86	1A	380		28	25	25	444		216L	21
TREE	312602.77	0832937.87	1A	402		50	47	47	540		374L	40
TREE	312602.04	0832942.03	1A	381		29	26	26	661		26L	15
TREE	312606.88	0832945.18	1A	387		35	32	32	1221		40L	5
TREE	312605.50	0832947.98	1A	387		35	32	32	1224		240R	5
TREE	312604.41	0832951.37	1A	418		66	63	63	1280		548R	34
TREE	312610.65	0832948.55	1A	403		51	48	48	1697		17R	7
TREE	312610.11	0832950.67	1A	409		57	54	54	1744		202R	12
TREE	312609.83	0832953.11	1A	417		65	62	62	1827		399R	17
TREE	312619.26	0832944.47	1A	419		67	64	64	2265		731L	6
TREE	312618.76	0832948.01	1A	418		66	63	63	2378		442L	2
ANTENNA	312703.78	0833007.31	1B	523		171	168	168	7144		1324L	-33
ANTENNA ON OL MAST	312715.14	0833029.23	1B	564		212	209	209	9100		276L	-50
MICROWAVE MAST	312714.56	0833034.72	1B	526		174	171	171	9291		163R	-93

OC5398

AIRPORT ELEVATION 355

33 PIR 340/354 312513.773N 08329 9.005W 1492024

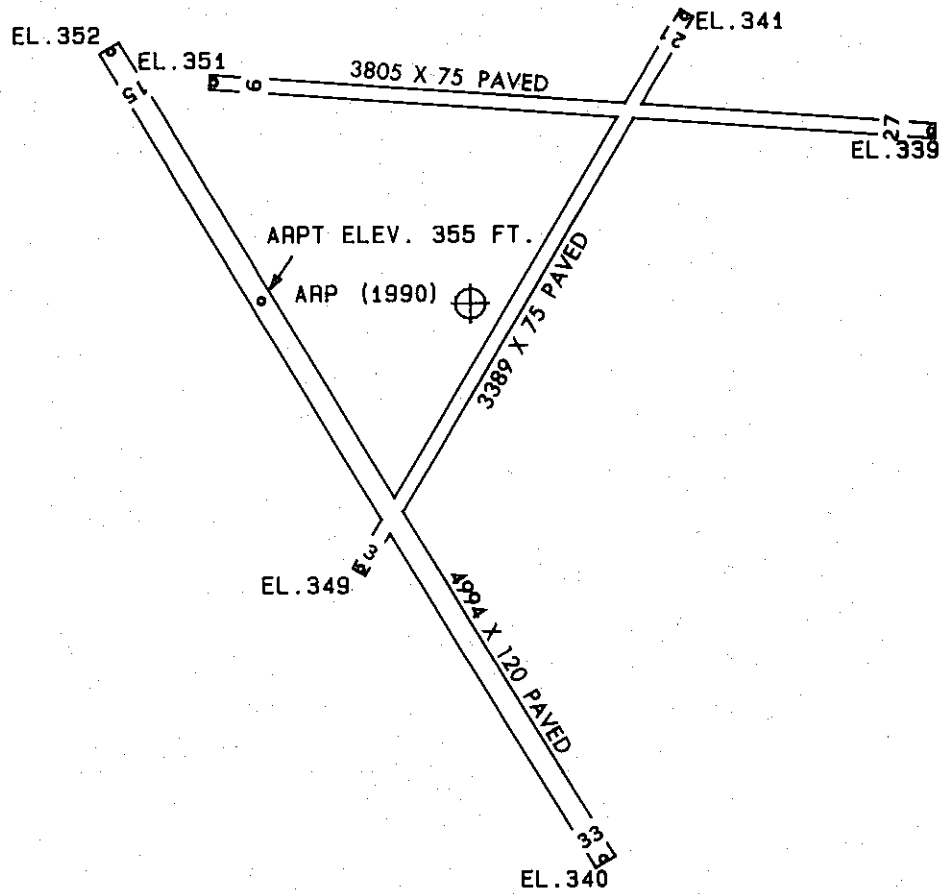
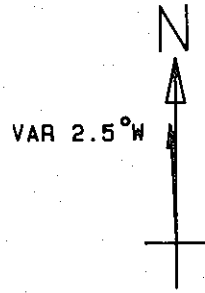
OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	312556.93	0832935.24	1A	381		41	27	26	-4911		269R	29
TREE	312556.86	0832932.80	1A	388		48	34	33	-4797		447R	36
TREE	312530.47	0832915.32	1A	382		42	28	27	-1730		389R	32
TREE	312517.94	0832918.31	1A	375		35	21	20	-773		479L	29
OL ON GLIDE SLOPE	312521.45	0832909.64	1A	374		34	20	19	-695		348R	28
TREE	312514.49	0832915.35	1A	367		27	13	12	-343		436L	24
TREE	312511.91	0832913.25	1A	360		20	6	5	-26		412L	20
TREE	312511.75	0832911.84	1A	349		9	-5	-6	51		316L	9
POLE	312506.80	0832910.10	1A	356		16	2	1	558		441L	9
TREE	312459.11	0832907.83	1A	392		52	38	37	1326		668L	29
TREE	312456.41	0832853.31	1A	381		41	27	26	2203		276R	1
TREE	312455.29	0832848.91	1A	396		56	42	41	2494		546R	10
TREE	312454.86	0832844.58	1A	396		56	42	41	2723		846R	6
TREE	312446.19	0832856.01	1A	402		62	48	47	2972		453L	7
TREE	312444.41	0832859.48	1A	411		71	57	56	2973		803L	16
TREE	312451.44	0832844.42	1A	397		57	43	42	3028		682R	1
TREE	312446.47	0832850.97	1A	397		57	43	42	3170		63L	-2
TREE	312439.49	0832839.55	1A	403		63	49	48	4281		429R	-19

OC5398

AIRPORT ELEVATION 355

ARP 312542.994N 0832916.751W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
OL ON VOR	312542.47	0832920.35	1A	369		14	262 57	316
OL ON LIGHTED WINDSOCK	312548.98	0832925.87	1A	372		17	309 56	995
TREE	312530.38	0832913.01	1A	393		38	168 14	1315
TREE	312555.85	0832911.33	1A	376		21	22 23	1381
TREE	312549.41	0832901.90	1A	363		8	65 44	1441
TREE	312556.79	0832922.79	1A	381		26	341 56	1489
TREE	312549.29	0832854.89	1A	362		7	73 56	1998
TREE	312558.97	0832859.63	1A	358		3	45 6	2192
POLE	312547.92	0832941.52	1A	381		26	285 34	2203
TREE	312521.87	0832923.09	1A	385		30	196 56	2204
TREE	312523.79	0832930.20	1A	385		30	213 29	2264
OL ON AIRPORT BEACON	312536.28	0832943.79	1B	404		49	256 21	2439
TREE	312602.02	0832856.92	1A	371		16	44 18	2578
TREE	312548.68	0832846.59	1A	382		27	80 6	2676
TREE	312551.67	0832948.34	1A	389		34	290 16	2874
TREE	312607.61	0832900.04	1A	380		25	32 42	2878
TREE	312513.57	0832918.20	1A	388		33	184 55	2976
TREE	312511.44	0832914.75	1A	362		7	179 23	3193
TREE	312607.23	0832852.95	1A	401		46	42 36	3202
TREE	312554.62	0832840.92	1A	386		31	71 46	3320
TREE	312608.97	0832851.34	1A	411		56	42 29	3426
TREE	312512.52	0832857.27	1A	376		21	153 46	3512
TREE	312508.37	0832913.06	1A	360		5	177 17	3513
TREE	312602.26	0832953.69	1A	421		66	303 48	3746
TREE	312505.42	0832911.67	1A	403		48	175 53	3822
TREE	312508.52	0832855.10	1A	374		19	154 12	3956
TREE	312503.35	0832910.32	1A	397		42	174 35	4045
TREE	312619.64	0832942.98	1A	428		73	330 57	4344
ANTENNA ON OL WATER TANK	312457.86	0832935.87	1B	519		164	202 28	4852
TREE	312457.72	0832846.44	1A	391		36	152 38	5275
ANTENNA ON WATER TANK	312726.56	0833050.24	2C	527		172	324 46	13233
ANTENNA ON OL MAST	312713.15	0833116.27	2A	757	416	402	313 51	13792
OL ON MICROWAVE TOWER	312743.09	0833102.75	2A	653	292	298	325 23	15218



TOUCHDOWN ZONE RUNWAY ELEVATION	
3	353
21	353
9	351
27	350
15	355
33	354

HENRY TIFT MYERS AIRPORT
TIFTON, GEORGIA
(NOT TO SCALE)