

OBSTRUCTION DATA SHEET

ODS 622
TYLER POUNDS FIELD
TYLER, TEXAS

DIGITIZED FROM

OC 622
SURVEYED MAY 1993
11TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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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 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.

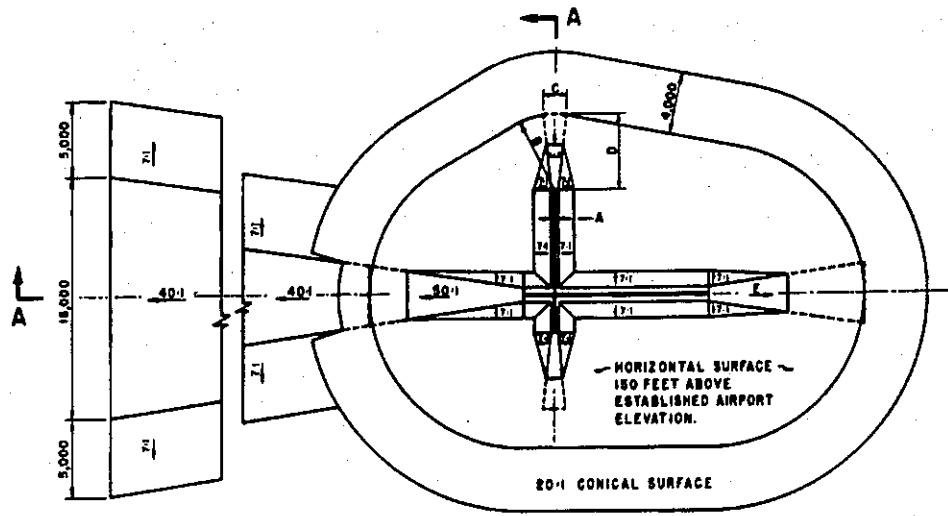
ODS information is arranged as follows:

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:

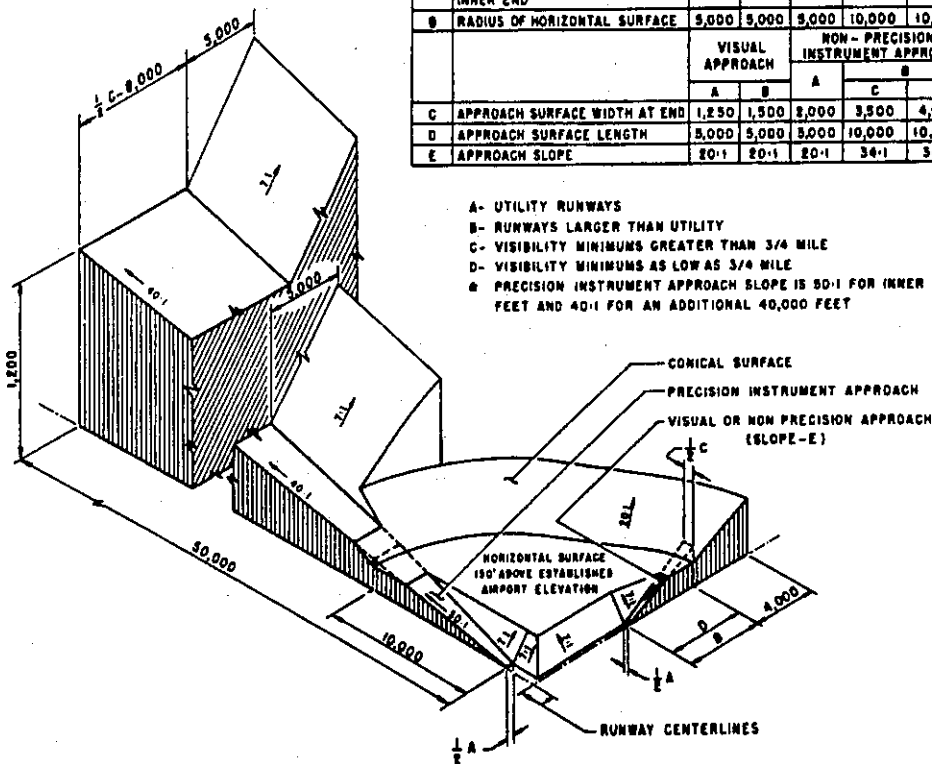
A(V) Utility runway - visual approach only
A(NP) Utility runway - nonprecision instrument approach
B(V) Nonutility runway - visual approach only
C Nonutility runway - nonprecision instrument
approach with visibility minimums greater than
3/4 mile
D Nonutility runway- nonprecision instrument approach
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		
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
C	APPROACH SURFACE WIDTH AT END	VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH		PRECISION INSTRUMENT APPROACH	
		A	B	A	B		
D	APPROACH SURFACE LENGTH	3,000	5,000	3,000	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

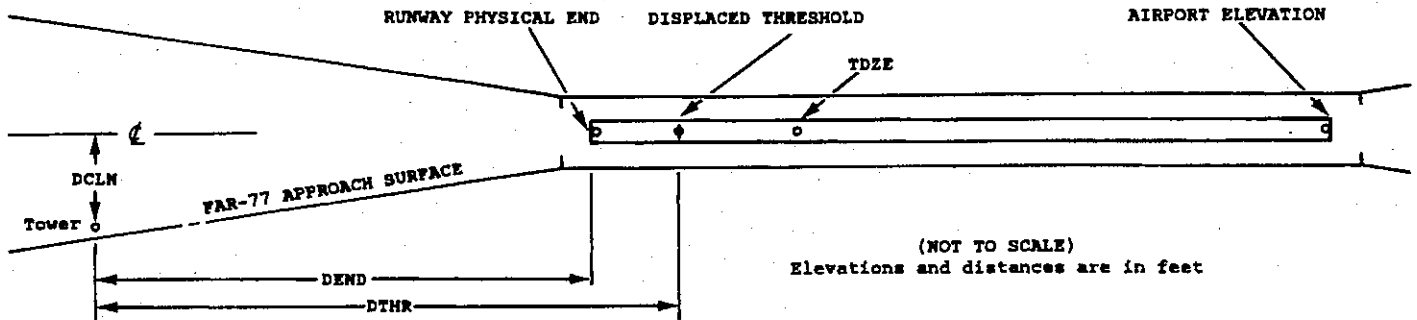
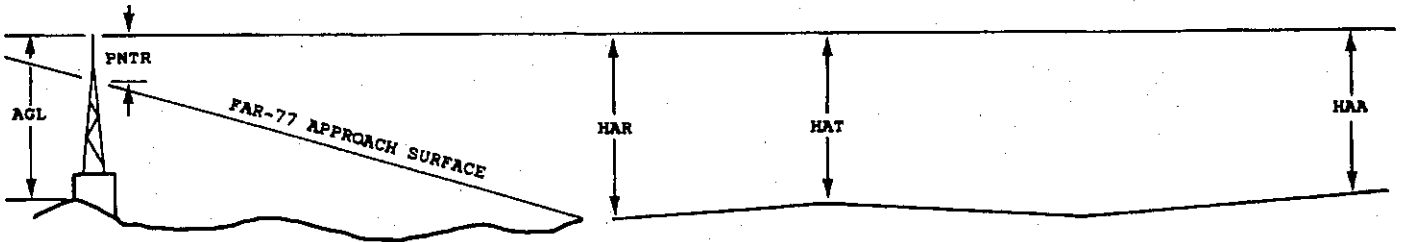
**FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES**

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

1 X	2 X	3 XXXX/XXXX	4 XXXXXX.XXX	4 XXXXXXXX.XXX	5 XXXXXXXX	6 XXXX/XXXX	7 XXXXXX.XXX	7 XXXXXXXX.XXX	8 A	9 ELEV	10 AGL	11 HAR	11 HAT	11 HAA	12 DEND	12 DTHR	12 DCLN	13 PNTR
XXXXXXXXXXXX			XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXX	XXXX	XXXX	XXX	XXXX	XXXX	XXXX	XXXX
XXXXXXXXXXXX			XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXX	XXXX	XXXX	XXX	XXXX	XXXX	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 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 displaced 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).

OC0622

AIRPORT ELEVATION 544

13 PIR 516/ 539 322140.395 -952419.462 1350827.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	322101.79	-952339.03	1A	547		31	8	3	-5211		293R	4
TREE	322107.08	-952345.64	1A	549		33	10	5	-4433		318R	5
TREE	322111.35	-952351.89	1A	549		33	10	5	-3749		393R	6
OL ON LTD WSK	322116.72	-952356.34	1A	566		50	27	22	-3095		281R	26
GROUND	322120.73	-952352.03	1A	541		25	2	-3	-3069		266L	1
ROD ON OL GS	322131.82	-952414.74	1A	567		51	28	23	-900		324R	41
TREE	322147.64	-952419.22	1A	542		26	3	-2	504		531L	20
TREE	322145.61	-952423.14	1A	527		11	-12	-17	596		148L	3
POLE	322147.48	-952422.65	1A	524		8	-15	-20	701		311L	-2
TREE	322145.17	-952433.24	1A	548		32	9	4	1175		497R	13
TREE	322145.50	-952436.45	1A	553		37	14	9	1394		669R	13
POLE	322147.08	-952436.28	1A	543		27	4	-1	1496		546R	1
TREE	322154.49	-952444.89	1A	559		43	20	15	2549		541R	-4
TREE	322157.76	-952447.00	1A	573		57	34	29	2910		437R	3

31 D 543/ 544 322103.920 -952336.705 3150850.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	322131.82	-952414.74	1A	567		24	23	23	-4299		324L	41
GROUND	322120.73	-952352.03	1A	541		-2	-3	-3	-2131		266R	1
OL ON LTD WSK	322116.72	-952356.34	1A	566		23	22	22	-2105		281L	26
TREE	322111.35	-952351.89	1A	549		6	5	5	-1451		393L	6
TREE	322107.08	-952345.64	1A	549		6	5	5	-767		318L	5
BUSH	322101.79	-952339.03	1A	547		4	3	3	12		293L	4
TREE	322100.10	-952336.85	1A	546		3	2	2	265		281L	1
TREE	322058.71	-952334.66	1A	546		3	2	2	497		247L	-5
ROAD (N)	322103.50	-952327.12	1A	557		14	13	13	610		553R	2
TREE	322102.61	-952326.76	1A	566		23	22	22	696		511R	9
OL ON LOC	322058.65	-952330.52	1A	542		-1	-2	-2	752		OR	-17
ANT	322100.61	-952328.11	1A	561		18	17	17	757		287R	2
TREE	322049.08	-952323.89	1A	575		32	31	31	1838		279L	-16

OC0622

AIRPORT ELEVATION 544

35 SUPLC 543/ 544 322049.478 -952419.671 814.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	322122.46	-952422.25	1A	564		21	20	20	-3333		229L	29
TREE	322110.68	-952422.22	1A	557		14	13	13	-2142		224L	19
BUSH	322051.29	-952422.52	1A	548		5	4	4	-182		245L	4
BUSH	322046.44	-952422.33	1A	550		7	6	6	307		227L	4
TREE	322039.85	-952415.51	1A	586		43	42	42	972		359R	20
POLE	322039.75	-952417.64	1A	561		18	17	17	983		177R	-5
TREE	322038.71	-952423.93	1A	568		25	24	24	1090		363L	-2
TREE	322036.21	-952422.17	1A	578		35	34	34	1341		211L	1
TREE	322026.01	-952420.23	1A	589		46	45	45	2371		42L	-18

17 SUPLC 516/ 322139.599 -952419.530 1800814. 517/ 539 322137.463 -952419.536

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	322051.29	-952422.52	1A	548		32	9	4	-4883	-4667	245R	4
TREE	322110.68	-952422.22	1A	557		41	18	13	-2923	-2707	224R	19
TREE	322122.46	-952422.25	1A	564		48	25	20	-1732	-1516	229R	29
POLE	322147.48	-952422.65	1A	524		8	-15	-20	796	1012	270R	-9
OL ON POLE	322147.56	-952417.65	1A	530		14	-9	-14	804	1020	160L	-3
TREE	322147.64	-952419.22	1A	542		26	3	-2	812	1028	24L	8
TREE	322148.19	-952419.21	1A	555		39	16	11	868	1084	25L	20
ANT	322148.46	-952415.56	1A	574		58	35	30	896	1112	338L	38
TREE	322155.50	-952418.14	1A	558		42	19	14	1607	1823	115L	1
TREE	322157.49	-952423.94	1A	564		48	25	20	1807	2023	382R	1

4 C 541/ 541 322045.415 -952438.452 450626.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	322047.43	-952432.21	1A	556		15	15	12	-523		234R	15
TREE	322044.55	-952435.40	1A	555		14	14	11	-124		247R	14
BUSH	322040.34	-952439.91	1A	549		8	8	5	450		275R	1
TREE	322039.32	-952443.93	1A	566		25	25	22	768		105R	8
TREE	322041.45	-952448.50	1A	576		35	35	32	893		324L	15
TREE	322035.50	-952444.79	1A	579		38	38	35	1093		326R	12
TREE	322034.53	-952449.81	1A	578		37	37	34	1467		91R	0
TREE	322037.53	-952454.67	1A	594		53	53	50	1548		417L	13
TREE	322026.89	-952506.08	1A	617		76	76	73	3000		347L	-6

OC0622

AIRPORT ELEVATION 544

22 C 525/ 539 322135.692 -952338.989 2250658.

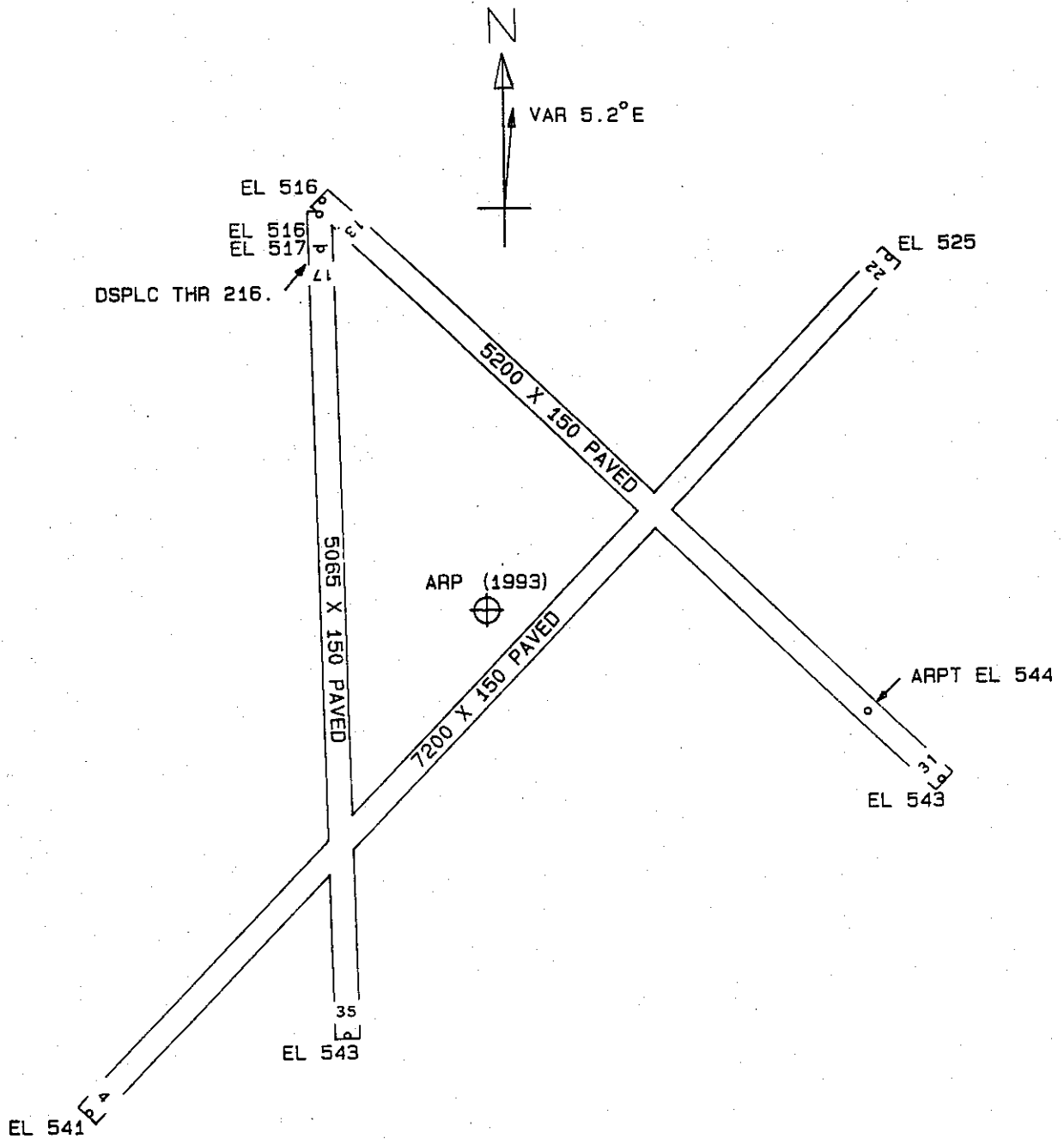
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	322044.55	-952435.40	1A	555		30	16	11	-7075		247L	14
TREE	322047.43	-952432.21	1A	556		31	17	12	-6676		234L	15
TREE	322138.68	-952330.48	1A	558		33	19	14	730		301L	17
TREE	322144.26	-952330.18	1A	553		28	14	9	1146		80R	0
TREE	322142.88	-952324.55	1A	560		35	21	16	1390		360L	0
TREE	322145.47	-952324.83	1A	561		36	22	17	1558		157L	-4

OC0622

AIRPORT ELEVATION 544

ARP 322115.165 -952408.709

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG	BEARING	DISTANCE
ROD ON OL AMOM	322118.12	-952411.18	1A	560		16		31922	366
TREE	322110.60	-952403.26	1A	555		11		12927	657
VOR/DME	322121.14	-952412.45	1A	564		20		32650	684
TREE	322112.92	-952359.42	1A	569		25		10043	828
BUSH	322104.89	-952410.62	1A	544		0		18345	1051
TREE	322110.51	-952425.48	1A	580		36		24640	1514
TREE	322129.99	-952422.74	1A	565		21		31601	1921
ANT AND APBN ON ATCT	322132.03	-952356.52	1A	610		66		2619	1999
VENT ON HANGAR	322134.06	-952359.82	1A	556		12		1633	2056
TREE	322104.08	-952346.43	1A	585		41		11510	2215
TREE	322134.32	-952423.72	1A	561		17		32110	2324
ANT ON HANGAR	322134.02	-952352.47	1A	576		32		3058	2360
ANT	322139.03	-952405.56	1A	573		29		111	2427
TREE	322101.74	-952343.10	1A	583		39		11629	2582
TREE	322137.50	-952427.13	1A	559		15		31948	2755
TREE	322057.90	-952339.07	1A	575		31		11915	3083
TREE	322139.50	-952431.77	1A	580		36		31559	3156
OL ON TANK	322134.48	-952438.33	1A	636		92		30220	3203
TREE	322056.08	-952337.41	1A	576		32		12029	3306
TREE	322141.94	-952432.65	1A	548		4		31736	3397
TREE	322148.92	-952414.17	1A	567		23		34659	3443
TREE	322045.79	-952431.27	1A	576		32		20754	3543
TREE	322053.93	-952443.08	1A	627		83		22845	3646
TREE	322103.78	-952326.25	1A	604		60		10219	3819
TREE	322145.01	-952436.89	1A	556		12		31605	3866
ANT	322133.17	-952328.23	1A	602		58		5708	3920
TREE	322137.42	-952330.39	1A	562		18		5025	3982
TREE	322144.77	-952440.63	1A	581		37		31220	4056
TREE	322132.36	-952325.93	1A	582		38		5927	4060
SPIRE	322045.71	-952447.96	1A	598		54		22319	4494
TREE	322045.71	-952447.96	1A	598		54		22319	4494
TREE	322157.88	-952427.60	1A	564		20		33413	4611
TREE	322043.15	-952447.33	1A	566		22		22029	4631
TREE	322035.27	-952443.15	1A	594		50		21102	4998
TREE	322036.89	-952457.66	1A	609		65		22209	5709



**TOUCHDOWN ZONE
RUNWAY ELEVATION**

13	539
31	544
35	544
17	539
4	541
22	539

TYLER POUNDS FIELD

TYLER, TEXAS

(NOT TO SCALE)

(ELEVATIONS AND DISTANCES IN FEET)