

# Worldwide Soaring Turnpoint Exchange

## Official Coordinates for the Midlothian, Texas [TSA02] Control Points

Courtesy of Sam Fly '7F' ( samfly@gte.net )

Dated: 11 June, 2001

Updated: 20 April, 2002

Magnetic Variation: -6.5

Time zone: US/Central, summer offset from GMT is -5:00 and in winter it is -6:00.

No changes for 2005, per Sam Fly, 24 February 2005.  
 All of the files formatted for downloading should have an "02" in their names, as that was the date of the last changes.

*Printed Sunday, 29 May 2005 at 23:20 GMT*

### USE AT YOUR OWN RISK

Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct information.

This service is provided free of charge with no warranties, expressed or implied.

User assumes all risk of use.

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Feet	Codes*	Description	Heading	Distance Sm	Bearing	Comment†
1	Abbott	31 53 04 N	97 05 01 W	31 53.060 N	97 05.017 W	700	T	35E > Town Heading 180	180	35	181	
2	Bee Creek	32 13 43 N	97 00 30 W	32 13.709 N	97 00.496 W	760	TAP	35>17 Heading 080	80	11	173	17 / 35 30T
3	Cleburn Lake Dam	32 16 52 N	97 25 42 W	32 16.866 N	97 25.697 W	750	T	SW > NE Dam Heading 150	150	25	248	
4	Clifton Muni	31 48 48 N	97 34 01 W	31 48.808 N	97 34.018 W	760	TA	32 > 14 Heading 050	50	51	213	14 / 32 30A
5	Comanche	31 54 51 N	98 35 57 W	31 54.852 N	98 35.943 W	1388	TA	35 > 17 Heading 080	80	98	245	13 / 31 23T

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Feet	Codes*	Description	Heading	Distance Sm	Bearing	Comment*
6	Corsicana	32 01 19 N	96 23 36 W	32 01.311 N	96 23.605 W	448	TA	Heading 050	50	44	118	14/32 50A
7	Coyote Crossing	32 17 41 N	97 03 18 W	32 17.683 N	97 03.301 W	580	TAP	34 > 16 Heading 070	70	6.6	197	16/34 25T
8	Draggintail	32 17 38 N	97 05 07 W	32 17.634 N	97 05.124 W	600	TAP	34 > 16 Heading 070	70	7.5	209	16/34 25T
9	Dublin Muni	32 03 51 N	98 19 26 W	32 03.857 N	98 19.430 W	1495	TA	33 > 15 Heading 060	60	80	248	15/33 32A
10	Ennis Muni	32 19 28 N	96 39 43 W	32 19.463 N	96 39.711 W	492	TA	33 > 15 Heading 060	60	21	94	15/33 40A
11	Flat Top	32 03 21 N	97 47 43 W	32 03.355 N	97 47.723 W	960	TAP	36 > 18 Heading 090	90	51	238	18/36 42A
12	Frost	32 04 23 N	96 48 15 W	32 04.382 N	96 48.249 W	600	T	.5 mi S > Center		25	144	
13	Glen Rose	32 12 26 N	97 47 35 W	32 12.440 N	97 47.582 W	900	TA	SW GR 3.5mi		47	249	
14	Grandview	32 15 33 N	97 10 52 W	32 15.553 N	97 10.868 W	700	T	.6 mi South > Center		13	223	
15	Hamilton	31 39 33 N	98 09 00 W	31 39.548 N	98 08.994 W	1273	TA	36 > 18 Heading 090	90	83	227	18/36 50A
16	Hewett-Knapp	31 58 49 N	96 41 24 W	31 58.817 N	96 41.395 W	480	TAP	Heading 170	170	33	139	9/27 23T
17	Hico Putty Ranch	31 58 03 N	98 03 44 W	31 58.047 N	98 03.732 W	1143	TAP	Private Heading 080	80	68	239	17/35 35A
18	Hillsboro	32 04 43 N	97 05 43 W	32 04.720 N	97 05.723 W	685	TA	33 > 15 Heading 060	60	22	187	16/34 40A
19	Hubbard	31 50 12 N	96 48 49 W	31 50.192 N	96 48.812 W	640	T	1.2 SW > Center Town		39	156	
20	Itasca	32 09 05 N	97 08 49 W	32 09.077 N	97 08.822 W	700	T	.7 S > Center Town		18	200	
21	Italy	32 10 50 N	96 53 31 W	32 10.828 N	96 53.520 W	600	T	.6 S > Center Town		16	147	
22	Lake Whitney State Park	31 55 20 N	97 21 39 W	31 55.335 N	97 21.642 W	564	TA	35 > 17 Heading 080	80	38	206	17/35 20A
23	Luscombe Acres	32 20 39 N	97 11 48 W	32 20.657 N	97 11.804 W	700	TAP	33 > 15 Heading 060	60	11	250	2/20 22T
24	Marlin Muni	31 20 12 N	96 51 08 W	31 20.206 N	96 51.132 W	411	TA	35 > 17 Heading 080	80	73	166	17/35 30A
25	Maypearl	32 18 07 N	97 01 03 W	32 18.123 N	97 01.055 W	500	T	.7 SW > Center		5.5	178	
26	McGregor	31 28 43 N	97 19 05 W	31 28.720 N	97 19.082 W	590	TA	35 > 17 Heading 080	80	65	190	4/22 35A
27	Meridian	31 55 32 N	97 39 09 W	31 55.536 N	97 39.157 W	900	T	Court House > RR Heading 070	70	49	224	
28	Mexia Muni	31 38 04 N	96 30 57 W	31 38.064 N	96 30.945 W	543	TA	36 > 18 Heading 090	90	59	144	18/36 40A
29	Milford	32 06 59 N	96 57 04 W	32 06.983 N	96 57.066 W	700	T	.6 S > Center Town Heading 110	110	19	163	
30	North Lake Whitney Bridge	32 07 03 N	97 30 14 W	32 07.048 N	97 30.238 W	500	T	.6 SW Bridge > N end		34	231	
31	Pecan Plantation	32 20 57 N	97 40 38 W	32 20.942 N	97 40.630 W	710	TAP	35 > 18 Heading 090	90	39	260	18/36 35A
32	Rio Vista Smith	32 13 45 N	97 22 49 W	32 13.744 N	97 22.817 W	740	TAP	36 > 18 Heading 090	90	24	238	17/35 26T
33	Stephenville	32 12 37 N	98 10 27 W	32 12.622 N	98 10.452 W	1321	TA	32 > 14 Heading 050	50	69	254	14/32 42A
34	Temple Muni	31 08 37 N	97 24 22 W	31 08.613 N	97 24.374 W	682	TA	33 > 15 Heading 060	60	89	189	2/20 47A
35	TSA	32 22 22 N	97 00 46 W	32 22.361 N	97 00.763 W	660	TAP	36 > 18 090	90	0.6	186	18/36 43T
36	<b>TSA Finish</b>	32 22 55 N	97 00 37 W	32 22.910 N	97 00.620 W	660	FHAP	Heading 360	360			18/36 43T
37	<i>TSA Start</i>	32 22 55 N	97 00 37 W	32 22.910 N	97 00.620 W	660	SAP	Heading 180	180			18/36 43T
38	<i>TSA Start A</i>	32 22 55 N	97 00 37 W	32 22.910 N	97 00.620 W	660	SAP	5 Statute Mile Radius				18/36 43T
39	Valley Mills	31 37 08 N	97 25 19 W	31 37.131 N	97 25.315 W	751	TA	32 > 14 Heading 060	60	58	198	6/24 30T
40	Waxahachie Dam	32 20 16 N	96 48 11 W	32 20.259 N	96 48.184 W	555	T	Heading 070	70	12	98	
41	West	31 47 30 N	97 05 44 W	31 47.492 N	97 05.735 W	600	T	Heading 100	100	41	180	

**Codes\***

- A: Airport
- F: Finish Point
- H: Home airport
- P: Private
- S: Start Point
- T: Turnpoint

**Comments\*:**

Runway orientation, length [hundreds of feet], and surface