

**GPS - 54**

*All values are referenced to the North American Datum NAD 83 (1995)*

Latitude:	<b>35° 14 ft 4.78742 inches</b>	TN Northing:	<b>100741.095 m</b>
Longitude:	<b>87° 15 ft 35.36870 inches</b>	TN Easting:	<b>485325.066 m</b>
Elevation:	<b>285.054 m (935.21 ft)</b>		
Convergence:	<b>-0° 44 ft 15.2 inches</b>	Scale Factor:	<b>1.00000274</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Lawrence</b>	Nearest Town:	<b>Lawrenceburg</b>
USGS QUAD:	<b>Lawrenceburg</b>	TVA Designation:	<b>52-NE</b>

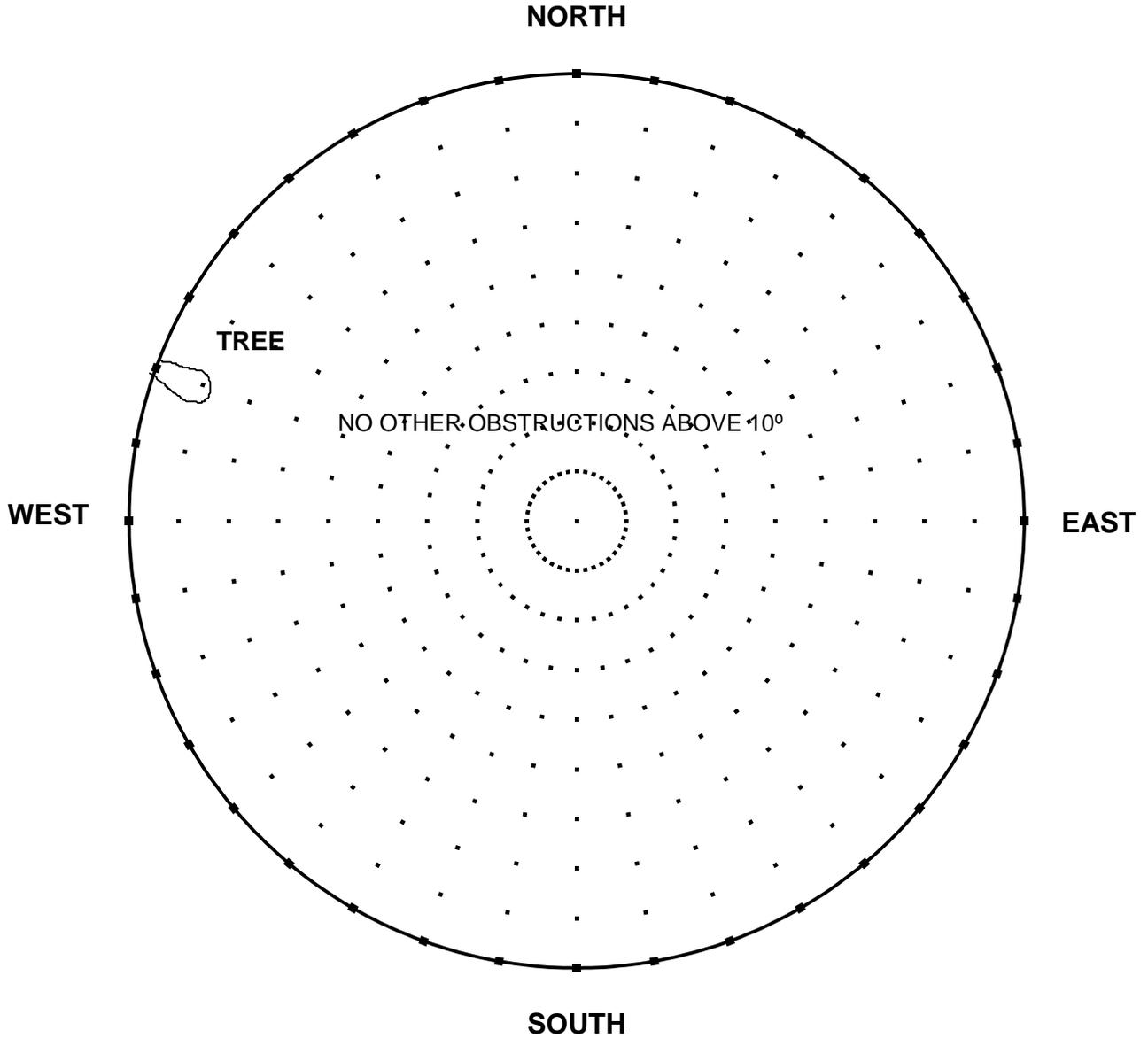
Description:

The station is located about 6.4 km (4 mi.) east of Lawrenceburg, at the Lawrenceburg Municipal Airport. Ownership--Airport Manager is Doris Venable, telephone (615) 762-5133. The station is outside the fenced area and accessible at all times.

To reach the station from the junction of U.S. Highway 43/State Route 6 and U.S. Highway 64/State Route 15 in Lawrenceburg go east for 5.79 km (3.6 mi.) on U.S. Highway 64 to Lone Star Rd. Turn left and go north for 0.8 km (0.5 mi.) on the paved road to the airport entrance drive. Turn right and go east for 0.32 km (0.2 mi.) on the airport entrance drive to the station on the right.

The station is a 3.D mark with stainless steel rod driven 3.0 m (10 ft.). The logo cap is stamped---GPS 54 1987---, and a steel spike is embedded in the concrete. Located 57.6 m (189 ft.) south from the north corner of the airport office (a steel hangar), 33.2 m (109 ft.) north from the north edge of a parking ramp and 0.9 m (3 ft.) above same, 34.8 m (114 ft.) northwest from the dual gas pumps, 21.0 m (69 ft.) west from a fiberglass witness post set at a cyclone fence, 15.2 m (50 ft.) east from the center of the drive.

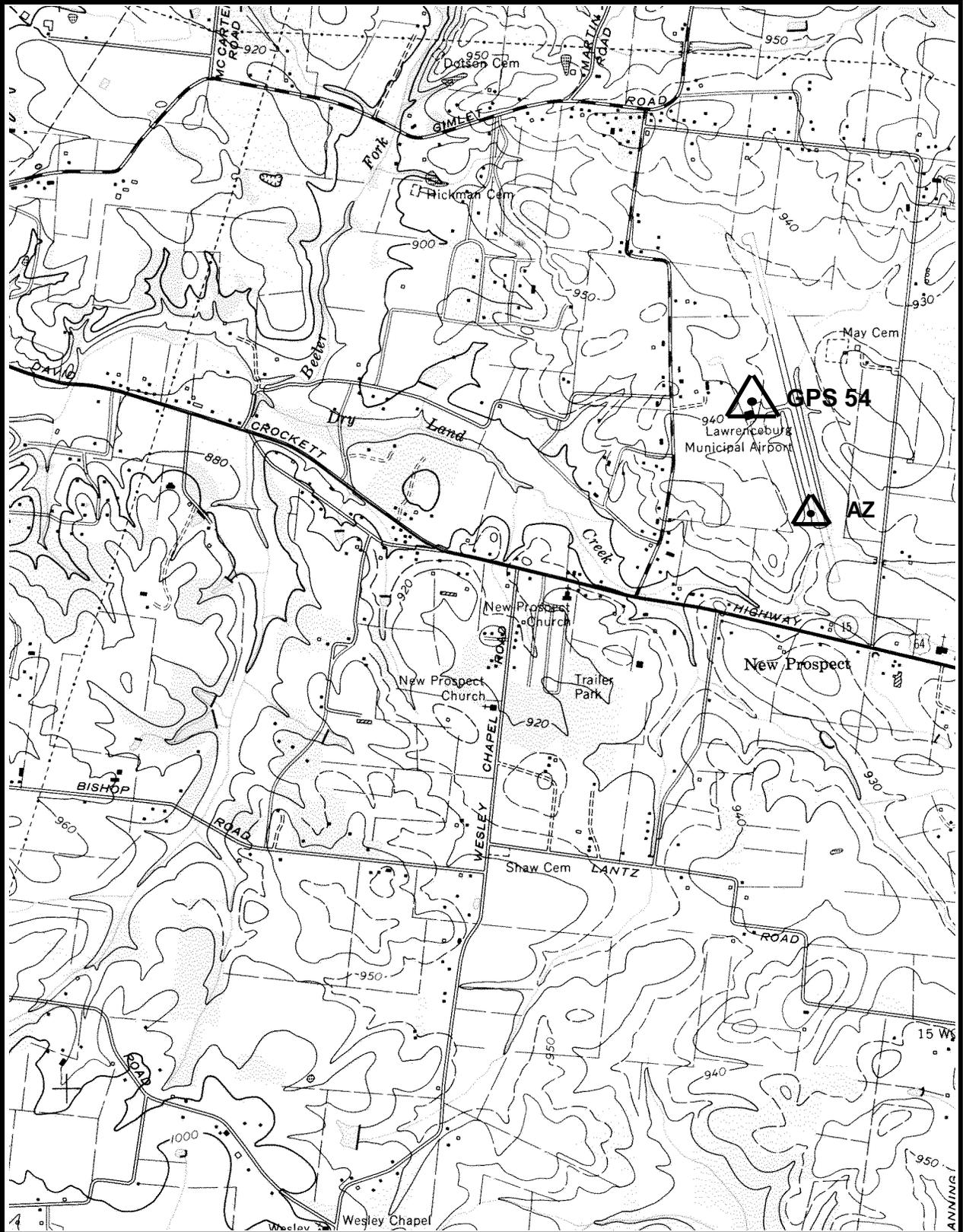
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>285.054 m (935.21 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 14 ft 5 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 15 ft 35 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 54</u>	MAP SHEET	<u>52-NE, Lawrenceburg</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

**TENNESSEE GEODETIC REFERENCE NETWORK**



**GPS 54**

**52-NE, LAWRENCEBURG**

**GPS - 54 AZ MK**

*All values are referenced to the North American Datum NAD 83 (1995)*

Latitude:	<b>35° 13 ft 45.95348 inches</b>	TN Northing:	<b>100157.162 m</b>
Longitude:	<b>87° 15 ft 24.43484 inches</b>	TN Easting:	<b>485594.055 m</b>
Elevation:	<b>280.209 m* (919.32 ft)</b>		
Convergence:	<b>-0° 44 ft 8.8 inches</b>	Scale Factor:	<b>1.00000369</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Lawrence</b>	Nearest Town:	<b>Lawrenceburg</b>
USGS QUAD:	<b>Lawrenceburg</b>	TVA Designation:	<b>52-NE</b>

Description:

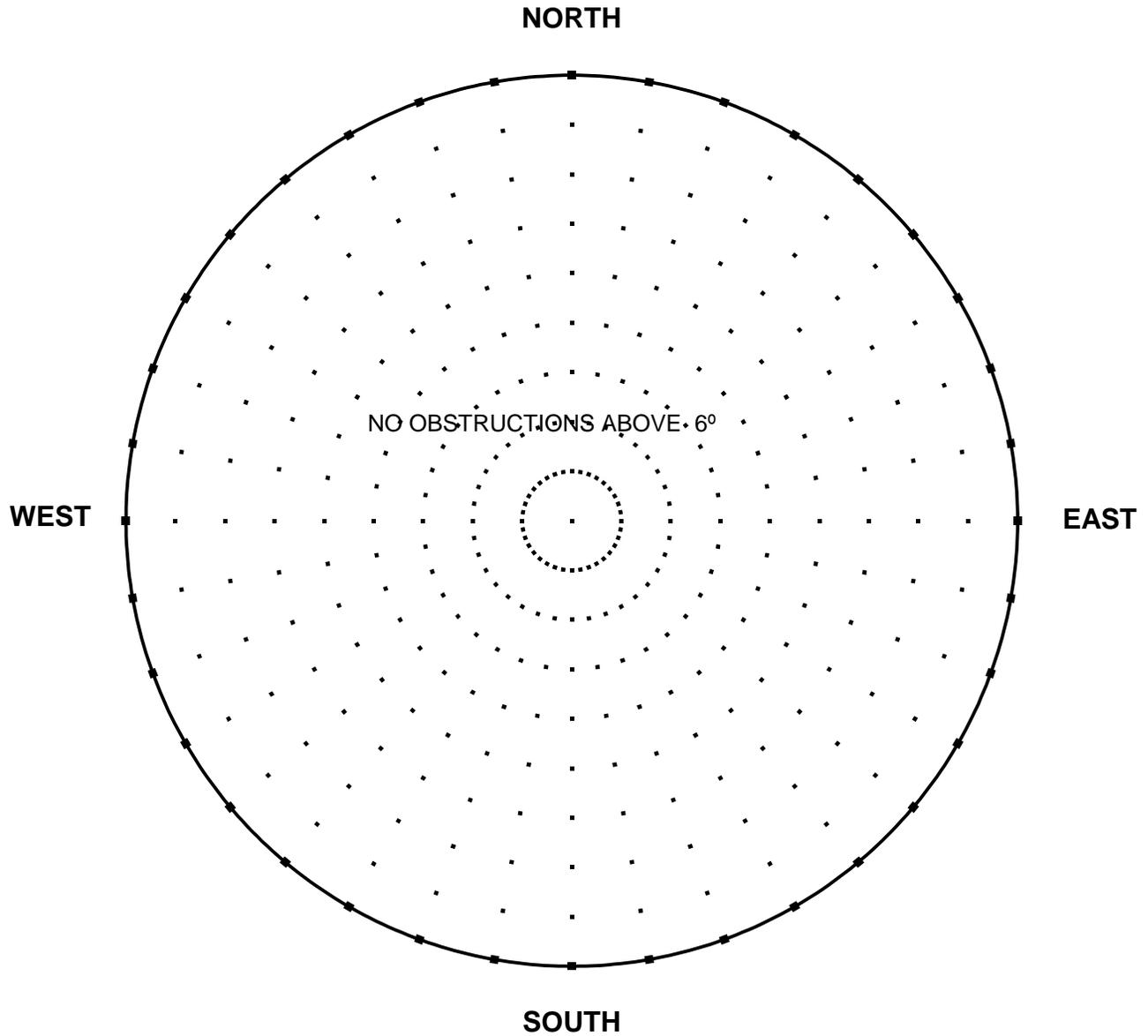
The azimuth mark is located about 6.4 km (4 mi.) east of Lawrenceburg, at the Lawrenceburg Municipal Airport. Ownership-- Airport Manager is Doris Venable, telephone (615) 762-5133.

To reach the azimuth mark from the junction of U.S. Highway 43/State Route 6 and U.S. Highway 64/State Route 15 in Lawrenceburg go east for 5.79 km (3.6 mi.) on U.S. Highway 64 to Lone Star Rd. Turn left and go north for 0.8 km (0.5 mi.) on the paved road to the airport entrance drive. Turn right and go east for 0.32 km (0.2 mi.) on the airport entrance drive. Enter the airport gate and travel easterly along the taxiway 0.16 km (0.1 mi.) to the junction of the runway, turn right and go southeast along the southwest side of the runway 0.5 km (0.3 mi.) to the mark on the right, between a vasi and the edge of runway.

The azimuth mark is a 3-D mark with stainless steel rod driven 6.3 m (20.5 ft.). The logo cap is stamped---GPS 54 AZ MK 1987---, and a steel spike is embedded in the concrete. Located 8.1 m (26.5 ft.) west of the southwest runway edge, 42.4 m (139 ft.) northeast of an orange metal electrical box (VASI), and 0.5 m (1.5 ft.) south of a fiberglass witness post.

\* GPS derived elevation using the Geoid 96 Model and the WGS 1984 Reference Ellipsoid.

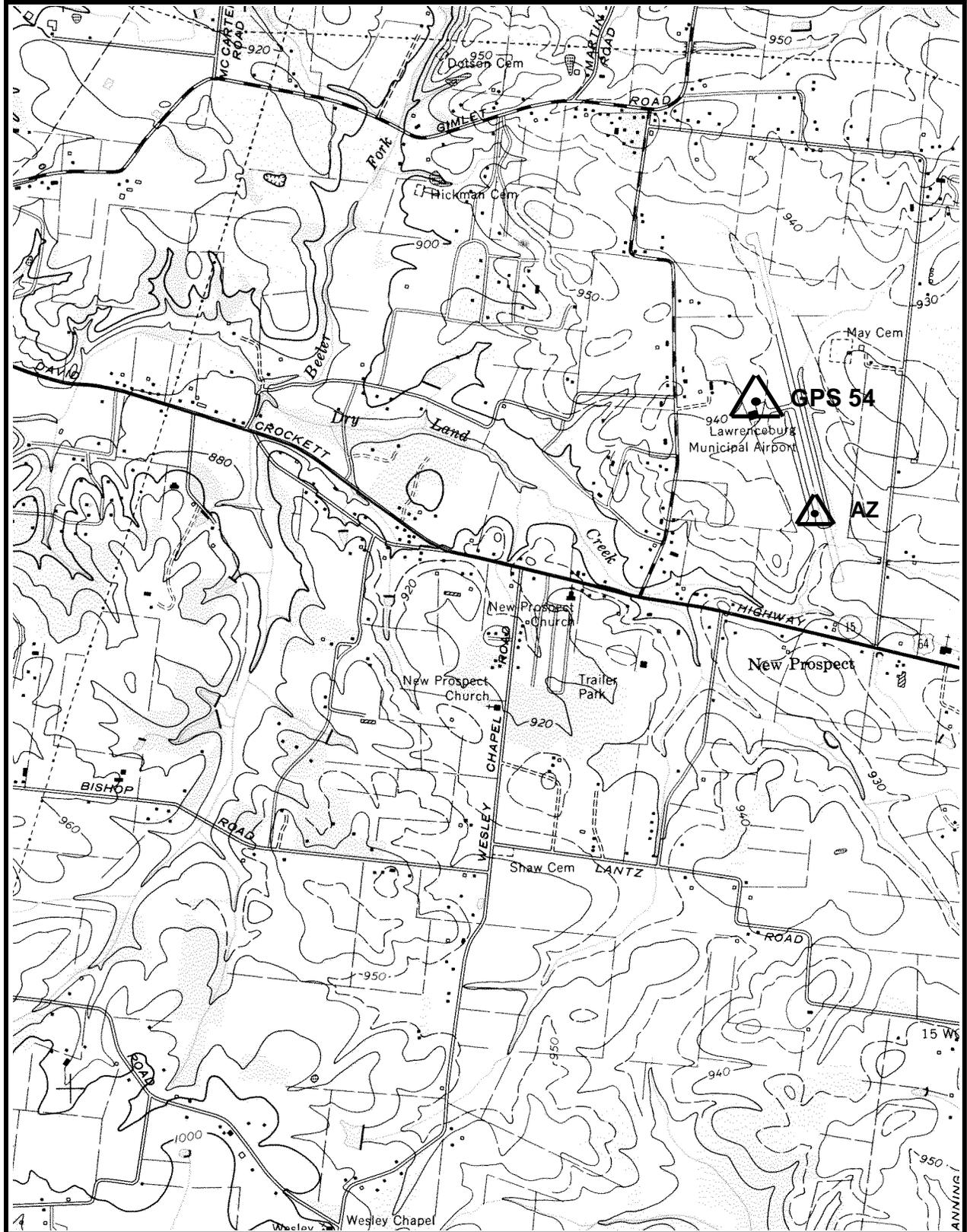
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>280.209 m (919.32 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 13 ft 46 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 15 ft 24 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 54 AZ MK</u>	MAP SHEET	<u>52-NE, Lawrenceburg</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

**TENNESSEE GEODETIC REFERENCE NETWORK**



**GPS 54**

**52-NE, LAWRENCEBURG**