

**GPS - 30**

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

Latitude:	<b>36° 0 ft 43.56473 inches</b>	TN Northing:	<b>188333.446 m</b>
Longitude:	<b>88° 7 ft 22.15355 inches</b>	TN Easting:	<b>408651.887 m</b>
Elevation:	<b>139.319 m (457.08 ft)</b>		
Convergence:	<b>-1° 14 ft 34.0 inches</b>	Scale Factor:	<b>0.99995321</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Benton</b>	Nearest Town:	<b>Camden</b>
USGS QUAD:	<b>Camden</b>	TVA Designation:	<b>20-SE</b>

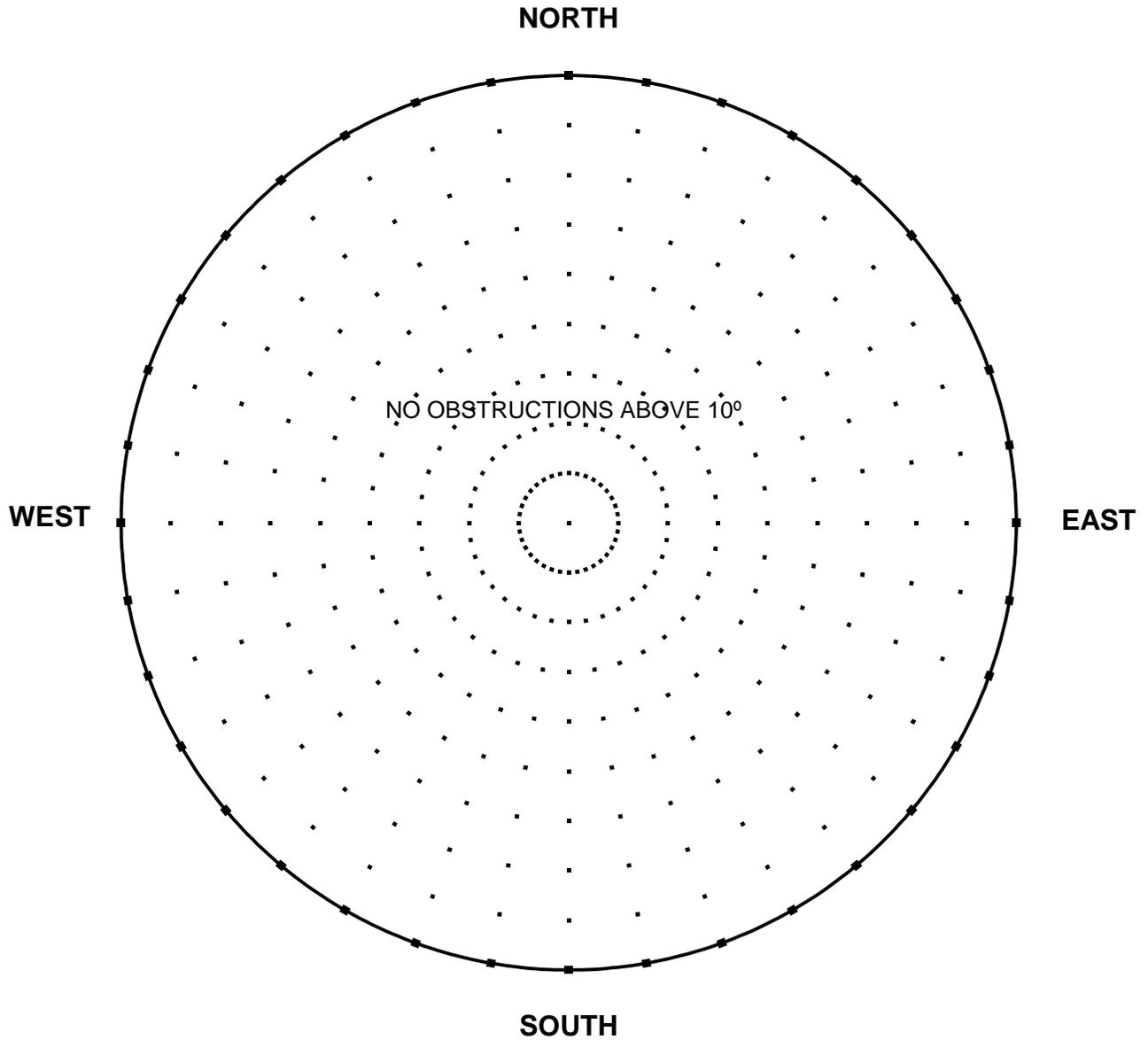
Description:

The station is located about 5 km (3 mi.) south of Camden, at the Camden/Benton County Airport. Ownership--Airport Manager is Bill Hightower, Camden/Benton County Airport, Camden, TN 38320, telephone (615) 584-5343.

To reach the station from the junction of U.S. Highway 70 Bypass and U.S. Highway 641, about 3 km (2 mi.) south of Camden, go west for 0.24 km (0.15 mi.) on U.S. Highway 70 Bypass to the intersection of Natchez Trace Road. Turn left and go south for 2.7 km (1.65 mi.) on Natchez Trace Road to the intersection of the paved entrance drive for the airport. Turn left and go east for 0.3 km (0.2 mi.) on the entrance drive to the airport office and a gate. Pass through the gate and go east for 0.2 km (0.1 mi.) on a taxiway to the station on the right at the junction with the runway.

The station is a 3-D mark with stainless steel rod driven 10.4 m (34 ft.). The logo cap is stamped---GPS 30 1987---, and a steel spike is embedded in the concrete. Located 20.3 m (67 ft.) south from the taxiway center, 21.2 m (70 ft.) northwest from the runway center, 11 m (36 ft.) southwest from a blue taxiway light in the arc of the junction, 0.2 m (0.8 ft.) northwest from a fiberglass witness post.

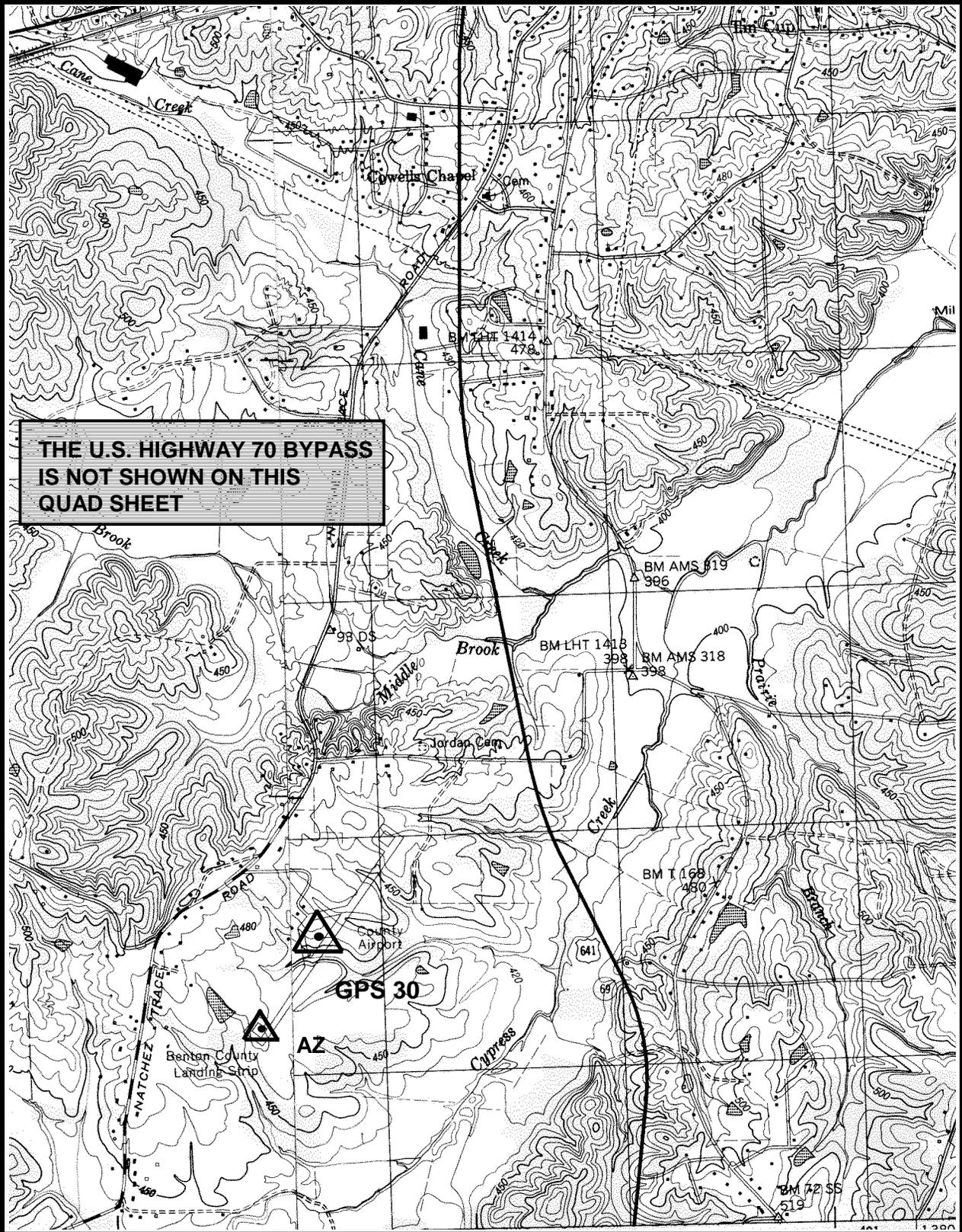
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>139.319 m (457.08 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 0 ft 44 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>88° 7 ft 22 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 30</u>	MAP SHEET	<u>20-SE, Camden</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

**TENNESSEE GEODETIC REFERENCE NETWORK**



GPS 30

20-SE, CAMDEN

**GPS - 30 AZ MK**

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

Latitude:	<b>36° 0 ft 27.68575 inches</b>	TN Northing:	<b>187851.602 m</b>
Longitude:	<b>88° 7 ft 35.83796 inches</b>	TN Easting:	<b>408298.670 m</b>
Elevation:	<b>141.809 m* (465.25 ft)</b>		
Convergence:	<b>-1° 14 ft 42.0 inches</b>	Scale Factor:	<b>0.99995298</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Benton</b>	Nearest Town:	<b>Camden</b>
USGS QUAD:	<b>Camden</b>	TVA Designation:	<b>20-SE</b>

**Description:**

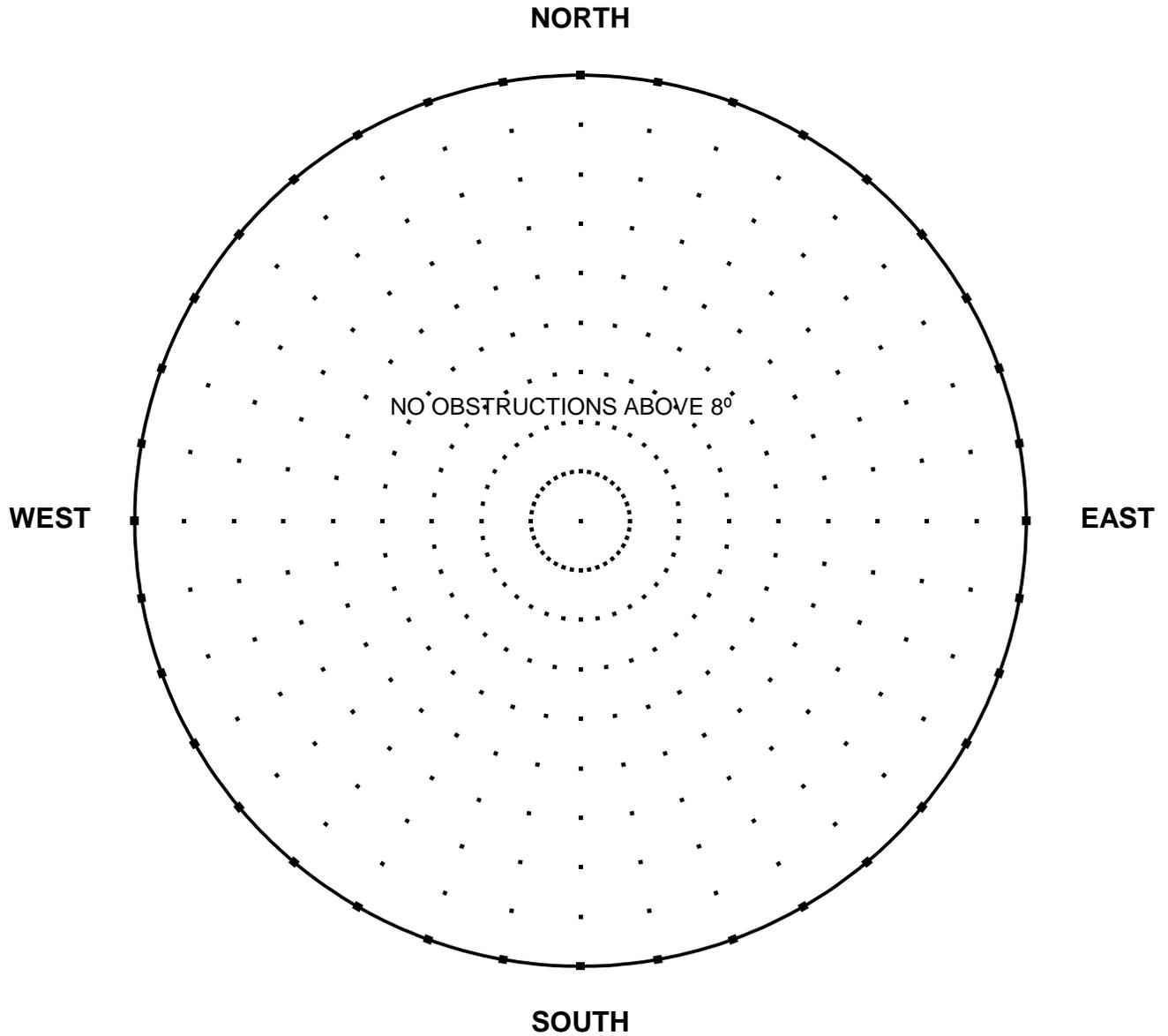
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The azimuth mark is a 3-D mark with stainless steel rod driven 6.7 m (22 ft.). The logo cap is stamped---GPS 30 AZ MK 1987---, and a rebar is embedded in the concrete. Located 11.6 m (38 ft.) northwest of the northwest edge of the runway, 38.8 m (127 ft.) east of a metal corrugated pipe culvert, 36.0 m (118 ft.) southwest of the southwest edge of the taxiway turnaround, and 0.3 m (1 ft.) southeast of a fiberglass witness post.

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

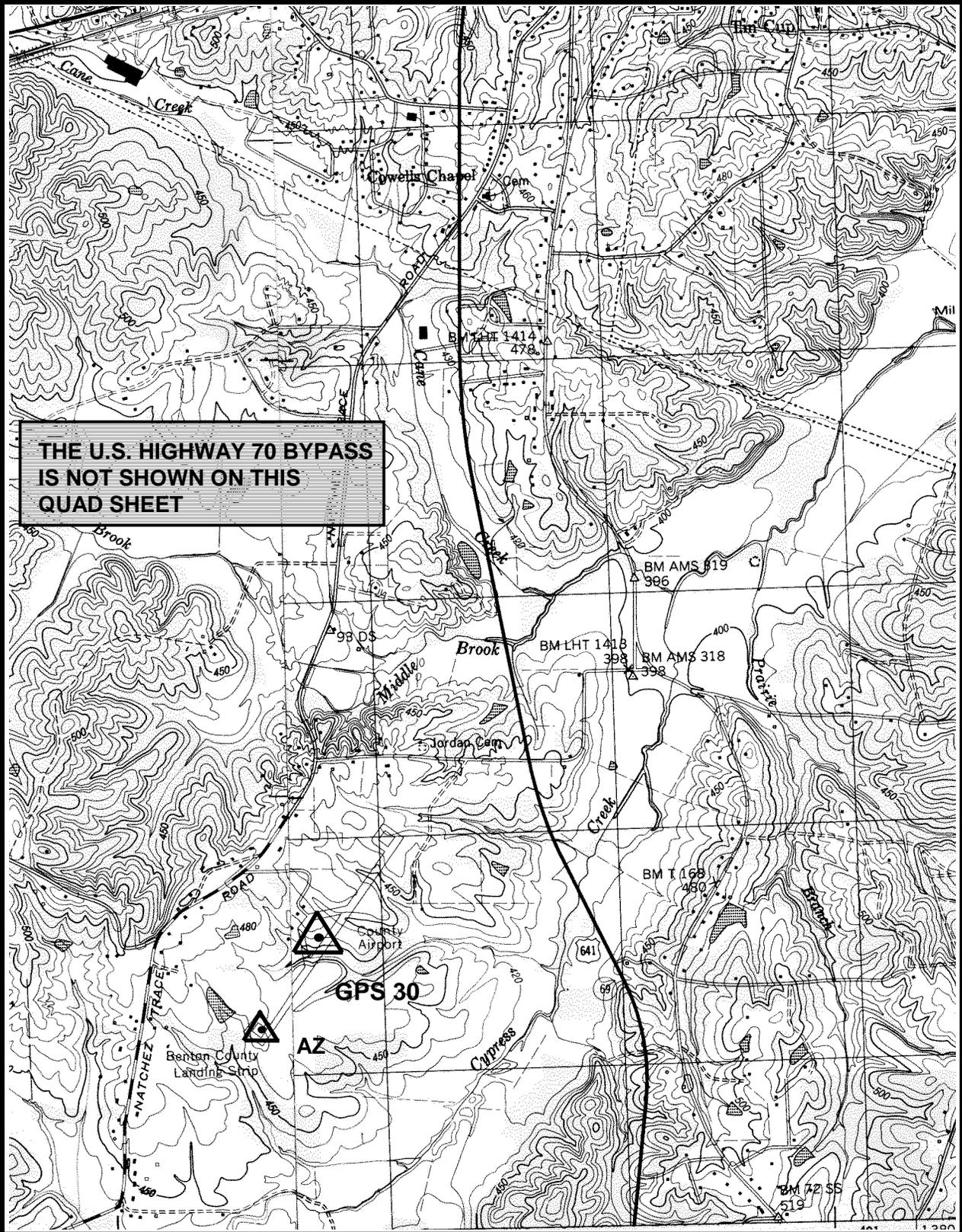
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>141.809 m (465.25 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 0 ft 28 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>88° 7 ft 36 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 30 AZ MK</u>	MAP SHEET	<u>20-SE, Camden</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

**TENNESSEE GEODETIC REFERENCE NETWORK**



GPS 30

20-SE, CAMDEN