


NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <b>TOPEKA</b>		Station PID, if any:		Date (UTC): <b>03/24/09</b>												
	General Location: <b>201 CONNELLY RD, RISING SUN MD 21911</b>		Airport ID, if any:		Station 4-Character ID: <b>TOPE</b> Day of Year: <b>083</b>												
Project Name: <b>CECIL COUNTY HMBD</b>		Project Number: <b>GPS-</b>		Station Serial # (SSN):		Session ID:(A,B,C etc) <b>A</b>											
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: <b>G.W. STEPHENS, JR. ARMA ASSOC.</b>											
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval=_____ Seconds		NAVD88 Orthometric Ht. meters		Operator Full Name: <b>RAYMOND G CRAMER JR</b>											
Actual Start <b>11:30</b> Stop <b>12:15</b>		Elevation Mask = _____ Degrees		GEOID99 Geoid Height meters		Phone #: <b>(410) 297-2340</b>											
Receiver Brand & Model: <b>TRIMBLE 4800</b>		Antenna Code*, Brand & Model:		Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N)		Circle Yes or No											
P/N: <b>32119-56</b>		P/N:		Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N)		Yes or No											
S/N: <b>020160896</b>		S/N:		Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N)		-If no, explain											
Firmware Version:		Cable Length, meters:		Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N)		explain											
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N)		"											
Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount		<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet		After Session Ends: Meters Feet											
Brand & Model: <b>SECO</b>		A= Datum point to Top of Tripod (Tripod Height)		2.00 6.562		2.00 6.562											
P/N: <b>5119-00-FLY</b>		B=Additional offset to ARP if any (Tribrach/Spacer)		0.00 0.00		0.00 0.00											
S/N:		H= Antenna Height = A + B		2.00 6.562		2.00 6.562											
Last Adjustment date:		= Datum Point to Antenna Reference Point (ARP)		2.00 6.562		2.00 6.562											
Psychrometer (if used) Brand & Model:		Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions.													
P/N:		Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!															
S/N:																	
Last Calibration or check Date:																	
Barometer (if used) Brand & Model:		Weather Data		Weather Codes		Time (UTC)		Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity		Atm. Pressure inches Hg millibar			
S/N:		Before		00000		11:30											
		Middle		00000		11:55											
		After		00000		12:15											
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <b>PICTURES #1+2</b>																	
Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.																	
Data File Name(s): (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension								Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached				LOG CHECKED BY:					
Table of		CODE		PROBLEM		VISIBILITY		TEMPERATURE		CLOUD COVER		WIND					
Weather		0		did not occur		Good, over 15 miles		Normal, 32° F - 80° F		Clear, below 20%		Calm, under 5mph (8km/h)					
Codes		1		did occur		Fair, 7-15 miles		Hot, over 80° F (27 C)		Cloudy, 20% to 70%		Moderate, 5 to 15 mph					
		2		- not used -		Poor, under 7 miles		Cold, below 32° F (0 C)		Overcast, over 70%		Strong, over 15 mph (24km/h)					
Examples:		00000 = No problem, good visibility, normal temp, clear, calm wind								12121 = Problems, poor visibility, hot, overcast, moderate wind							