


|  |  |  |                      |  |                         |   |                              |
|--|--|--|----------------------|--|-------------------------|---|------------------------------|
|    | Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) |  | Station PID, if any: |  | Date (UTC):             |   |                              |
|  | JMT 13   |  | DH8025               |  | 5/19/09                 |   |                              |
| General Location:  |  | Airport ID, if any:  |                      | Station 4-Character ID:  |                         | Day of Year:  |                              |
| US 40 @ REDTOWN RD, NORTHEAST MD.  |  | 21901  |                      | JMT13  |                         | 139   |                              |
| Project Name:  |  |  | Project Number:      |  |                         | Station Serial # (SSN):   |                              |
| CECIL COUNTY HMOD  |  |  | GPS-                 |  |                         | 13A   |                              |
| NAD83 Latitude   |  | NAD83 Longitude  |                      | NAD83 Ellipsoidal Height   |                         | Agency Full Name:   |                              |
| ° ' "  |  | ° ' "  |                      | meters   |                         | GWSTEPHENS JR. & ASSOC.   |                              |
| Observation Session Times (UTC):   |  | Epoch  |                      | NAVD88 Orthometric Ht.   |                         | Operator Full Name:   |                              |
| Sched. Start <u>7:02</u> Stop <u>7:55</u>  |  | Interval= <u>      </u> Seconds  |                      | meters   |                         | WILLIAM A. JERIC  |                              |
| Actual Start <u>11:02</u> Stop <u>11:55</u>  |  | Elevation  |                      | GEOID99 Geoid Height   |                         | Phone #: <u>(410) 297-2340</u>                                  |                              |
| Mask = <u>      </u> Degrees   |  | meters   |                      |  |                         | e-mail address:   |                              |
| Receiver Brand & Model:  |  | Antenna Code*, Brand & Model:  |                      | Antenna plumb before session? <input checked="" type="radio"/> (N)   |                         | Circle  |                              |
| TRIMBLE 5800   |  |  |                      | Antenna plumb after session? <input checked="" type="radio"/> (N)  |                         | Yes or No   |                              |
| P/N: <u>45145-46</u>   |  | P/N:   |                      | Antenna oriented to true North? <input checked="" type="radio"/> (N)                                       |                         | -If no, explain   |                              |
| S/N: <u>442314651</u>  |  | S/N:   |                      | Weather observed at antenna ht. <input checked="" type="radio"/> (N)                                       |                         |   |                              |
| Firmware Version:  |  | Cable Length, meters:  |                      | Antenna ground plane used? <input checked="" type="radio"/> (N)  |                         |   |                              |
| <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other  |  | Vehicle is Parked <u>      </u> meters <u>      </u> (direction) from antenna. |                      | Antenna radome used? <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N)             |                         | If yes, describe.   |                              |
|  |  |  |                      | Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N)  |                         | Use   |                              |
|  |  |  |                      | Any obstructions above 10°? <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N)      |                         | Vis. form   |                              |
|  |  |  |                      | Radio interference source nearby <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N) |                         |   |                              |
| Tripod or Antenna Mount: Check one:  |  | <b>** ANTENNA HEIGHT **</b>  |                      | Before Session Begins:   |                         | After Session Ends:   |                              |
| <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount                |  |  |                      | Meters   |                         | Meters  |                              |
| Brand & Model:   |  |  |                      | Feet   |                         | Feet  |                              |
| P/N: <u>SEU</u>  |  |  |                      |  |                         |   |                              |
| S/N: <u>5119-00FLY</u>   |  |  |                      |  |                         |   |                              |
| Last Adjustment date:  |  |  |                      |  |                         |   |                              |
| Psychrometer (if used) Brand & Model:  |  | A= Datum point to Top of Tripod (Tripod Height)                                |                      | 2.000  |                         | 6.562   |                              |
|  |  | B=Additional offset to ARP if any (Tribrach/Spacer)                            |                      | 0  |                         | 0   |                              |
|  |  | H= Antenna Height = A + B  |                      | 2.000  |                         | 6.562   |                              |
|  |  | = Datum Point to Antenna Reference Point (ARP)                                 |                      | 2.000  |                         | 6.562   |                              |
| P/N:   |  | Meters = Feet x (0.3048)   |                      | Note &/or sketch ANY unusual conditions.   |                         |   |                              |
| S/N:   |  | Height Entered Into Receiver = <u>      </u> meters.                           |                      | Be Very Explicit as to where and how Measured!   |                         |   |                              |
| Last Calibration or check Date:  |  |  |                      |  |                         |   |                              |
| Barometer (if used) Brand & Model:   |  | Weather Data   |                      | Weather Codes  |                         | Time (UTC)  |                              |
|  |  | Before   |                      | 00000  |                         | 11:00   |                              |
|  |  | Middle   |                      | 00000  |                         | 11:30   |                              |
|  |  | After  |                      | 00000  |                         | 11:59   |                              |
| S/N:   |  |  |                      |  |                         |   |                              |
| Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  |  |  |                      |  |                         |   |                              |
|  |  |  |                      |  |                         |   |                              |
| 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):   |  |  |                      | Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier  |                         | LOG CHECKED BY:   |                              |
| (Standard NGS Format = aaaaaddss.xxx)  |  |  |                      | Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier  |                         |   |                              |
| where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension   |  |  |                      | Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier       |                         |   |                              |
|  |  |  |                      | Pencil Rubbing of Mark: <input type="checkbox"/> Attached  |                         |   |                              |
| 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 |                              |