


|   |                                |              |             |              |                             |
|---|--------------------------------|--------------|-------------|--------------|-----------------------------|
|  <b>Ground Survey</b><br>sanborn | <b>Title:</b>                  | <b>Date:</b> | <b>Rev:</b> | <b>Page:</b> | <b>File Name:</b>           |
|   | GS31-01-01-01<br>GPS LOG SHEET | 6/6/2014     | 1           | 1            | GS31-01-01-01_GPS_LOG_SHEET |

|                                       |                               |
|---------------------------------------|-------------------------------|
| <b>Date(s) (mm/dd/yyyy):</b> 08/26/15 | <b>Julian Day(s):</b> 057     |
| <b>Project:</b> 4478-PAG-TUCSON       | <b>Observer:</b> M. Hernandez |

| Antenna Formulas                     |   |
|--------------------------------------|---|
| 4000SSi / 4000SSE Compact L1/L2      | Bottom of notch in antenna flange = $0.0069 + (h^2 - (0.0915)^2)^{1/2}$   |
| Trimble 5700 Zephyr (small)          | Top of notch in antenna flange = $0.0073 + (h^2 - (0.0937)^2)^{1/2}$      |
| Trimble 5700 Zephyr Geodetic (large) | Bottom of notch in antenna flange = $0.00891 + (h^2 - (0.16981)^2)^{1/2}$ |
| Novatel DL                           | Top edge of tape notch = $0.015 + (h^2 - (0.96)^2)^{1/2}$                 |
| Novatel DL4                          | Top of tab on side of antenna = $0.025 + (h^2 - (0.1)^2)^{1/2}$           |

Circle one or indicate next to File Name: NETWORK SURVEY OR AGPS; LIDAR OR PHOTOGRAPHY OR BOTH

|                                |                            |
|--------------------------------|----------------------------|
| <b>Receiver Serial #:</b> 0011 | <b>File Name:</b> 02110570 |
| <b>Code:</b> TUS-4             | <b>Description:</b> TUS-4  |
| <b>Stamping:</b>               | <b>Day-Session:</b> 8      |
|                                | <b>Start:</b> 16:37        |
|                                | <b>End:</b> 17:41 8/15     |

**Measurements**  
 \_\_\_\_\_ " \_\_\_\_\_ m Uncorrected True Vertical  
 \_\_\_\_\_ feet → \_\_\_\_\_ m → (mean) meters → \_\_\_\_\_ meters

|                           |                     |
|---------------------------|---------------------|
| <b>Receiver Serial #:</b> | <b>File Name:</b>   |
| <b>Code:</b>              | <b>Description:</b> |
| <b>Stamping:</b>          | <b>Session:</b>     |
|                           | <b>Start:</b>       |
|                           | <b>End:</b>         |

**Measurements**  
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| <b>Code:</b>              | <b>Description:</b> |
| <b>Stamping:</b>          | <b>Session:</b>     |
|                           | <b>Start:</b>       |
|                           | <b>End:</b>         |

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| <b>Stamping:</b>          | <b>Session:</b>     |
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| <b>Stamping:</b>          | <b>Session:</b>     |
|                           | <b>Start:</b>       |
|                           | <b>End:</b>         |

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| <b>Stamping:</b>          | <b>Session:</b>     |
|                           | <b>Start:</b>       |
|                           | <b>End:</b>         |

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| <b>Stamping:</b>          | <b>Session:</b>     |
|                           | <b>Start:</b>       |
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**Code: Numbering Convention: begin with 501, 701, 801, 901**

|                                  |                                     |
|----------------------------------|-------------------------------------|
| 1-499: paneled points            | 800 series: NGS vertical only       |
| 500 series: Sanborn set for base | 900 series: NGS horiz. and vertical |
| 700 series: NGS Horizontal only  | 1' = 0.3048 m; 1" = 0.0254 m        |

**Description Examples:** 12" spike, 6" spike, rebar, pk nail, mag nail, Disc in concrete, rod in sleeve, Disc in seawall, etc. **AND INCLUDE** Airport name point is located at if applicable.