	Title:	Date:	Rev:	Page:	File Name:
Ground Survey	GS31-01-01-01 GPS LOG SHEET	6/6/2014	1	1	GS31-01-01- 01_GPS_LOG_SHEET

Date(s) (mm/dd/yyyy): <b>02/27/2015</b>	Julian Day(s): 058
Project: 4478	Observer: Kirkwood

## **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 = $0.025 + (h^2 - (0.1)^2)^{1/2}$

Novaici DL4		Topor	tab on side of antenna – o	.023 + (II - (0.1)	
Ci	rcle one or indicate next to F	ile Name: NETWORK S	SURVEY OR AGPS; LIDAR (	OR PHOTOGRAPH	IY OR BOTH
Reciever Serial #: 0005 File Name: 00050580		Reciever Serial #:	File Na	me:	
Code: KTUS	Description:	Day-Session: 0	Code:	Description:	Session:
Stamping:	Tucson Airport	Start: 22:13	Stamping:		Start:
		End: 16:50	1 0		End:
Measurements		End. 10.50	Magaunamanta		
	5_ m Uncorrected	True Vertical	Measurements "	m Uncorre	ected True Vertical
	meters	→ meters			$\underline{\hspace{1cm}}$ meters $\rightarrow$ $\underline{\hspace{1cm}}$ meters
60 7/8 feet →	$m \rightarrow (mean)$		feet →	m → (mean	n)
Reciever Serial #: 0011	File Name: 001105 Description:	580	Reciever Serial #:	File Na	me:
Code: <b>AH8499</b>	Description:	Session: 0	Code:	Description:	Session:
Stamping:	NGS Point	Start: 23:40	Stamping:		Start:
		End: 00:56			End:
Measurements			Measurements		
	FIXED m Uncorrected	True Vertical			
feet →	$m \rightarrow \frac{meters}{mean}$	→ meters	feet →	$m \rightarrow {\text{(mean}}$	$\underline{\hspace{1cm}}$ meters $\rightarrow$ $\underline{\hspace{1cm}}$ meters
	iii			III > (IIIcul	,
Reciever Serial #: 0001	File Name: 00010590		Reciever Serial #:	File Na	me:
Code: <b>CZ0814</b>	Description:	Session: 0	Code:	Description:	Session:
Stamping:	NGS Point	Start: 0:27	Stamping:		Start:
		End: 2:36			End:
Measurements			Measurements		<u> </u>
	TIXED m Uncorrected			m Uncorre	
$\underline{\qquad} \text{meters} \rightarrow \underline{\qquad} \text{meters}$			feet →		$\underline{\hspace{1cm}}$ meters $\rightarrow$ $\underline{\hspace{1cm}}$ meters
				> (	
	File Name: 001105		Reciever Serial #:	File Nar	
	Description:	Session: 0	Code:	Description:	Session:
Stamping: APT 2	Ryan Field airport	Start: 1:27	Stamping:		Start:
		End: 2:28			End:
Measurements "	FIXED m Uncorrected	m . v: 1	Measurements		
	meters	True Vertical meters		m Uncorre	ected True Vertical meters → meters meters
feet →	$m \rightarrow \overline{\text{(mean)}}$		feet →	m → (mean	
<b>D</b> • G • • • •	T. N.				
Reciever Serial #: Code:	File Name: Description:	Session:	Code: Numbering Co		
Stamping:	2 compaign	Start:	1- 499: paneled poin		800 series: NGS vertical only
Stamping.		End:		500 series: Sanborn set for base 900 series: NGS horiz. and vertica	
Magginamagita		Liid.	700 series: NGS Ho	,	1' = 0.3048 m; 1" = 0.0254 m
Measurements "	m Uncorrected	True Vertical			e, rebar, pk nail, mag nail, Disc in  AND INCLUDE Airport name poin
	meters		is located at if applicat		
feet →	$\underline{\hspace{1cm}}$ m $\rightarrow$ (mean)				