	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): 02/26/2015	Julian Day(s): 057
Project: 4478 PAG	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 = $0.025 + (h^2 - (0.1)^2)^{1/2}$

Circle one or indicate next to File Name: NETWORK SURVEY OR AGPS; LIDAR OR PHOTOGRAPHY OR BOTH							
Reciever Serial #: 0005	File Name: 0005056	50	Reciever Serial #:	File Na	ame:		
Code: KTUS	Description:	Day-Session: 0	Code:	Description:		Session:	
Stamping:	Airport, Tucson Int	Start: 16:33	Stamping:			Start:	
	Drain cover	End: ~12:00				End:	
Measurements		<u> </u>	Measurements	1			
″1.545		True Vertical		m Uncorr		True Vertical	
60 7/8 feet >	$\underline{\qquad} m \rightarrow (mean)$	→ meters	feet →			→ me	eters
Reciever Serial #:	File Name:		Reciever Serial #:	File Na	ame:		
Code:	Description:	Session:	Code:	Description:		Session:	
Stamping:		Start:	Stamping:	1		Start:	
		End:		1		End:	
Measurements			Measurements	l			
	m Uncorrected	True Vertical		m Uncorr		True Vertical	
feet →		→ meters	feet →	m →		• me	eters
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Reciever Serial #:	File Name:		Reciever Serial #:	File Na	ame:		
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		End:]		End:	
Measurements			Measurements				
	m Uncorrected	True Vertical		m Uncorr		True Vertical	
feet →	$m \rightarrow \frac{\text{meters}}{\text{(mean)}}$	→ meters	feet →	m →		→ me	eters
				in 7 (ince	,		
Reciever Serial #:	File Name:		Reciever Serial #:	File Na	me:		
Code:	Description:	Session:	Code:	Description:		Session:	
Stamping:		Start:	Stamping:			Start:	
		End:				End:	
Measurements			Measurements				
	m Uncorrected meters	True Vertical → meters		m Uncorr		True Vertical me	otoro
feet →		/meets	feet →	m → (mea		, III	51618
				`	,		
Reciever Serial #:	File Name:		Code: Numbering Con	vention: begin wit	th 501, 701, 80	1, 901	
Code:	Description:	Session:	1- 499: paneled points	1- 499: paneled points 800 series		: NGS vertical only	
Stamping:		Start:	500 series: Sanborn set for base		900 series: NGS horiz. and vertical		
		End:		700 series: NGS Horizontal only 1' = 0.3048 m		*	
Measurements "			Description Examples:				
	m Uncorrected meters	True Vertical → meters	concrete, rod in sleeve, I is located at if applicable		. AND INCLU	Airport nam	ie point
feet →	$m \rightarrow \frac{1}{\text{(mean)}}$	·mileters	15 Tocated at 11 applicable				