## Lidar Basestation Log V1 06/06/07



					H
Date (mm/dd/yyyy):	L21 -2017	LiDAR Missie	on(s): 19 67	171	
Project.	1-21 -2012	Observer: 14	10 000	5,021	
7331 Kons	as	V	MITON		
Antenna Formulas					
4000SSi / 4000SSE Compact L1/L2	ottom of notch in antenna flange = $0.0069 + (h^2 - (0.0915)^2)^{1/2}$				
Trimble 5700 Zephyr (small)	of notch in antenna flange = $0.0073 + (h^2 - (0.0937)^2)^{1/2}$				
Trimble 5700 Zephyr Geodetic (large)  Bottom of no			f 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 edge of tape notch = $0.025 + (h^2 - (0.1)^2)^{1/2}$				2	
Novatel DL4	1 op eug	e of tape noten –	0.025 + (H - (0.1))		
Monument Drawing/Description (Opti-					
	R/W 17	-35			
			Liberal		
	٨		Muni.		
			D. (0.00, 0.0, 0.0)		
	NGS AP	STA B	Airport	TO	
	17 HO101		101	RAMP	)
	111,0101		LBL	7,	
	CLOSED CONC	T/W		*	
			CORMITION		
and seed to	Lidar Basestat	TON ANTENNA INI	FORMATION		
Reciever Serial #: 0004		File Name:	00040190	)	
Code: 900	Description:		Sessio	on: O	
Stamping: AP STA B	NGS HHO	101	Start (	UTC): 22:49	1-19
PID		DISC IN C	ONC. End (	UTC):	- Policy
Measurements				7 07:55	Block soul
н	_ m Uncorrected meters →	True Vertical meters	Fixed Height Tripod	=meters	
feet →	$m \rightarrow \overline{\text{(mean)}}$				11.021.1
Reciever Serial #: 0004		File Name:	00040200		
Code:	Description:			on: 01	
Stamping:	NGS		Start (	UTC):14:24	1-20
PID	1403		End (	UTC): 13:52	1-21
Measurements Measurements				13.00	
и		True Vertical	Fixed Height Tripod	= <u>2</u> meters	Ran All
feet →	$m \rightarrow \frac{\text{meters}}{\text{(mean)}}$	meters			nisht
		Eile Names	00040210		
Reciever Serial #: 6504 Code:	Description:	riie Name:	Session	on: 01	
Stamping:	NG-S			(UTC): 13:55	1-21
PID Stamping.	100-3			UTC): 13:47	
				_	1-22
Measurements "		True Vertical	Fixed Height Tripod	= Z meters	
feet →	$m \rightarrow {(\text{mean})} \text{meters} \rightarrow {}$	meters			
icct 7	iii / (inteall)			#04 #04 004 04	.,
		Code: Num	bering Convention: begin	i with 501, 701, 801, 90	)1

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 if monument at airport