LiDAR BASESTATION LOG V1 06/06/07

22-A-SN49-72X
24-ABC-SN40-90B

SANBORN

Date (mm/dd/yyyy): 2-22, 2-23, 2-24	LiDAR Mission(s): 22-AB-SN40-90B
Project: 2331 Kansas	Observer: M. SUTTON

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 edge of tape notch = $0.025 + (h^2 - (0.1)^2)^{1/2}$

Monument Drawing/Description (Optional)

R101 SPIKE

LiDAR BASESTATION ANTENNA INFORMATION

Reciever Serial #: 90004 **File Name:** 00040530

Code:	Description:	Session: 01	
Stamping:	SPIKE	Start (UTC): 12:08	22 2-22
PID		End (UTC): DEAD BATT	2-23

Measurements

_____" _____ m Uncorrected _____ meters → True Vertical _____ meters Fixed Height Tripod = 2 meters

_____ feet → _____ m → (mean)

Reciever Serial #: 90004 **File Name:** 00040540

Code:	Description:	Session: 01	
Stamping:	SPIKE	Start (UTC): 12:10	2-23
PID		End (UTC): 12:28	2-24

Measurements

_____" _____ m Uncorrected _____ meters → True Vertical _____ meters Fixed Height Tripod = 2 meters

_____ feet → _____ m → (mean)

Reciever Serial #: 0004 **File Name:** 00040550

Code:	Description:	Session: 0	
Stamping:	Switched reciever	Start (UTC): 12:30	24
PID	SPIKE	End (UTC): 18:38	2-25

Measurements

_____" _____ m Uncorrected _____ meters → True Vertical _____ meters Fixed Height Tripod = 2 meters

_____ feet → _____ m → (mean)

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 if monument at airport