

**Project** 1724Lapsley  
**Organization** Horizon Surveying Co.  
**Operator** V. Kelly Bellis  
**Created** 2017-11-21 07:54:54



**Receiver Name** VKB  
**Receiver S/N** 00227  
**Receiver ID** 1WUDUEO6SZZ9L611LGYHOEA9DT  
**J-Field Version** 2.0.5.1011  
**GNSS FW Version** 3.6.12.170808

Coordinate System	NAD83(2011) / Maine CS2000 East   NAVD 88		
Type	Grid System	Epoch	2010.0000
Geodetic Datum			
Semi-major axis	6378137.000m	Inverse flattening	1 / 298.257222101
Prime meridian	00°00'00"		
HTDP WGS84(ITRF2008) to NAD83(2011) / NAVD 88 / Maine CS2000 East zone			
Area	43°58'12"N...47°22'12"N × 068°22'48"W...066°53'24"W		
Geoid			
Geoid model file	geoid12b_conus.db3		
Transverse Mercator			
Latitude of Origin	43°50'00.00000"N	Central Meridian	067°52'30.00000"W
Scale Factor	0.99998	False Easting	2296583.3333 ft
False Northing	0.0 ft	Semi-major axis	20925604.4742 ft
Flattening	0.003352811	Prime meridian	000°00'00.00000"E
Forward	on		

1724GNSS1-01	Code and Description		Northing	Easting	Ortho Height
@2010.0000	_____		165493.2624 ft	2187566.0852 ft	12.4510 ft
Page	Control	Code	DefCode	Tag	_____
WGS84 (ITRF2008) @2017.5000			44°17'11.64115"N	068°17'28.71542"W	-70.5548 ft
Base			165493.2624 ft	2187566.0852 ft	12.4510 ft
Local Time			2017-11-21 07:00:00	Time UTC	
Antenna			JAVTRIUMPH_2A NONE	Vertical Antenna Height	
				6.6437 ft	
Epochs	2789	Satellites	17+14	Duration	14225.000 sec
Solution	Fixed / CORS	Confidence	_____	Consistency	_____
HRMS	0.0111 ft	VRMS	0.0079 ft	3DRMS	0.0136 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
Adjustment Delta			-2.0958 ft	2.6168 ft	4.0135 ft
95% Confidence Ellipse		σ <sub>a</sub> :0.019 ft	σ <sub>b</sub> :0.019 ft	θ:341°16'1"	σ <sub>h</sub> :0.015 ft
Raw Files		1724GNSS1-01_075757.jpg			

1724GNSS1-01, DefCode

Previous Next

Base	AUTO	CORS	0-Local
N, ft	-2.096	Fixed	165493.262
E, ft	+2.617		2187566.085
U, ft	+4.014		12.451
HRMS, ft	3.45162		0.01114
VRMS, ft	5.13852		0.00788
Epochs / s			2789 / 14225
Sats	9+7		17+14
Stat			1+4

Back
Σ
i
Σ
i

Disconnect
Stop Base
3s 4ep 1s

Rover: Triumph-LS VKB  
Base: TRIUMPH2 00089

464.55  
Base ID: 0  
Ref. Frame: WGS84(ITRF2008)  
Format: RTCM 3.0 Min  
Period: 1 Sec  
Frequency: 464.55000 MHz  
Mod. Band: D8PSK, 12.5 KHz  
Out. Power: 35000/45 mW/dBm  
Guards: 50mG, 5°, 5cm

[Auto] 1724GNSS1-01 DefCode  
N 165495.3581ft 2D Delta: 3.16 ft  
E 2187563.4687ft Δ H: 5.52 ft  
H 8.4374ft Azimuth: 342.40°  
NAD83(2011) / Maine CS2000 East |  
NAVD 88  
Ant. Type: JAVTRIUMPH\_2A NONE  
Ant. Height: 6.644 ft Vertical

From Base To Base Recall DPOS Done

Report for Point:	1724GNSS1-01	Page:	Control
	[1/2]		
Description:	(N/A)		
Code:	DefCode	ShapeTag:	(N/A)

Settings			
Accept:	Only RTK Fixed	Verify:	Verify [2]/with V6 reset
Validate Result:	with at least 2 engines	Correct for Tilts:	No
Confidence:	0	Consistency:	0
Duration:			14225.0 s

Receiver Information			
Organization:	Horizon Surveying Co.	Operator:	V. Kelly Bellis
Receiver Name:	VKB	Code:	(N/A)
S/N:	00227	ID:	1WUDUE06SZ9L611LGYHOEA9DT
J-Field Version:	2.0.5.1011	GNSS FW Version:	3.6.12.170808

Base	GEO: 44°17'11.60308"N 068°17'28.70102"W -66.7424	@2010.00
	GRID: 165493.2624 2187566.0852 12.4510	
Rover	GEO: 44°17'11.60308"N 068°17'28.70102"W -66.7424	@2010.00
	GRID: 165493.2624 2187566.0852 12.4510	
DUR: 1.42e+004s Sats: 17+14 UTC: 2017-11-21 12:00:00		
HRMS: 0.011 VRMS: 0.008 3dRMS: 0.014 95% Confidence Ellipse		
σ <sub>h</sub> : 0.015		
θ: 341°16'1" σ <sub>a</sub> : 0.019 σ <sub>b</sub> : 0.019		
ANT: HGT: 6.644ft JAVTRIUMPH_2A NONE		
Point: 1724GNSS1-01 [1/2] DefCode		
Project: 1724Lapsley Page: Control Units: ft		

Avg

1724GNSS1-01\_AVG

**Average of 2 points**


**Spread:**  
 N: 0.000 ft  
 E: 0.000 ft  
 U: 0.000 ft

**Average Point:**  
 165493.2624 ft  
 2187566.0852 ft  
 12.4510 ft

Save Average

Dist. Threshold  
 0.328 ft


1724GNSS1-02	Code and Description		Northing	Easting	Ortho Height
@2010.0000	_____		165493.2624 ft	2187566.0852 ft	12.4510 ft
Page	Control	Code	DefCode	Tag	_____
WGS84 (ITRF2008) @2017.5000			44°17'11.64115"N	068°17'28.71542"W	-70.5548 ft
Base			165493.2624 ft	2187566.0852 ft	12.4510 ft
Local Time	2017-11-24 10:24:48		Time UTC	2017-11-24 15:24:48	
Antenna	JAVTRIUMPH_2A NONE		Vertical Antenna Height		6.6437 ft
Epochs	4294967295	Satellites	17+14	Duration	14225.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0111 ft	VRMS	0.0079 ft	3DRMS	0.0136 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		σa:0.019 ft	σb:0.019 ft	θ:341°16'1"	σh:0.015 ft
Raw Files	1724GNSS1-02_102452.jpg				



Disconnect

Stop Base

2s  
3ep      1s



464.55

Base ID: 0

Ref. Frame: WGS84(ITRF2008)

Format: RTCM 3.0 Min

Period: 1 Sec

Frequency: 464.55000 MHz

Mod., Band.: D8PSK, 12.5 KHz

Out. Power: 35000/45 mW/dBm

Guards: 50mG, 5°, 5cm

Rover: Triumph-LS VKB

Base: TRIUMPH2 00089

[List] 1724GNSS1-02 DefCode

N 165493.2628ft

2D Delta: 2.69 ft

E 2187566.0856ft

Δ H: 2.7 ft

H 12.4509ft      Azimuth: -1.96°

NAD83(2011) / Maine CS2000 East | NAVD 88

Ant. Type: JAVTRIUMPH\_2A NONE

Ant. Height: 6.644 ft      Vertical

From Base

To Base


Recall



DPOS  
RTK Data Processing (Data Service)

Done

<b>1724GNSS1-03</b>	<b>Code and Description</b>		<b>Northing</b>	<b>Easting</b>	<b>Ortho Height</b>
@2010.0000	_____		165493.2624 ft	2187566.0852 ft	12.4510 ft
<b>Page</b>	<b>Control</b>	<b>Code</b>	<b>DefCode</b>	<b>Tag</b>	_____
<b>WGS84 (ITRF2008) @2017.5000</b>			44°17'11.64115"N	068°17'28.71542"W	-70.5548 ft
<b>Base</b>			165493.2624 ft	2187566.0852 ft	12.4510 ft
<b>Local Time</b>	2017-11-24 10:42:10		<b>Time UTC</b>	2017-11-24 15:42:10	
<b>Antenna</b>	JAVTRIUMPH_2A NONE		<b>Vertical Antenna Height</b>		6.6437 ft
<b>Epochs</b>	4294967295	<b>Satellites</b>	17+14	<b>Duration</b>	14225.000 sec
<b>Solution</b>	Fixed / RTK	<b>Confidence</b>	_____	<b>Consistency</b>	_____
<b>HRMS</b>	0.0111 ft	<b>VRMS</b>	0.0079 ft	<b>3DRMS</b>	0.0136 ft
<b>HDOP</b>	0.0000	<b>PDOP</b>	0.0000	<b>GDOP</b>	0.0000
<b>95% Confidence Ellipse</b>		σa:0.019 ft	σb:0.019 ft	θ:341°16'1"	σh:0.015 ft
<b>Raw Files</b>	1724GNSS1-03_104216.jpg				

1724GNSS1-04	Code and Description		Northing	Easting	Ortho Height
@2010.0000	_____		165493.2624 ft	2187566.0852 ft	12.4510 ft
Page	Control	Code	DefCode	Tag	_____
WGS84 (ITRF2008) @2017.5000			44°17'11.64115"N	068°17'28.71542"W	-70.5548 ft
Base			165493.2624 ft	2187566.0852 ft	12.4510 ft
Local Time	2017-11-24 10:57:37		Time UTC	2017-11-24 15:57:37	
Antenna	JAVTRIUMPH_2A NONE		Vertical Antenna Height		6.6437 ft
Epochs	4294967295	Satellites	17+14	Duration	14225.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0111 ft	VRMS	0.0079 ft	3DRMS	0.0136 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		σ <sub>a</sub> :0.019 ft	σ <sub>b</sub> :0.019 ft	θ:341°16'1"	σ <sub>h</sub> :0.015 ft
Raw Files	1724GNSS1-04_105741.jpg				


Disconnect
Stop Base
2s  
3ep
1s

OK

Base ID: ---

OK

Rover: Triumph-LS VKB  
Base: TRIUMPH2 00089

464.55  
Base ID: 0  
Ref. Frame: WGS84(ITRF2008)  
Format: RTCM 3.0 Min  
Period: 1 Sec  
Frequency: 464.55000 MHz  
Mod., Band.: D8PSK, 12.5 KHz  
Out. Power: 35000/45 mW/dBm  
Guards: 50mG, 5°, 5cm

[**List**] 1724GNSS1-04 DefCode  
N 165493.2628ft      2D Delta: 2.06 ft  
E 2187566.0856ft      Δ H: 9.42 ft  
H 12.4509ft      Azimuth: 0.51°  
NAD83(2011) / Maine CS2000 East |  
NAVD 88  
Ant. Type: JAVTRIUMPH\_2A NONE  
Ant. Height: 6.644 ft      Vertical

From Base    To Base    Recall    DPOS    Done

ROD-81_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165746.5322 ft	2187620.2139 ft	13.1681 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: ROD-81, ROD-82, ROD-83, ROD-84, ROD-85, ROD-86, ROD-87, ROD-88, ROD-89, ROD-90, ROD-91, ROD-92, ROD-93, ROD-94, ROD-95, ROD-96, ROD-97, ROD-98, ROD-99, ROD-100, ROD-101, ROD-102, ROD-103, ROD-104, ROD-105, ROD-106, ROD-107, ROD-108, ROD-109				
WGS84 (ITRF2008) @2017.5000			44°17'14.14487"N	068°17'27.98897"W	-69.8325 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-24 11:20:59		Time UTC	2017-11-24 16:20:59	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4100 ft
Epochs	1662	Satellites	8+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0021 ft	VRMS	0.0027 ft	3DRMS	0.0034 ft
HDOP	0.8343	PDOP	1.4637	GDOP	1.7018
95% Confidence Ellipse		σ <sub>a</sub> :0.004 ft	σ <sub>b</sub> :0.003 ft	θ:342°11'26"	σ <sub>h</sub> :0.005 ft


TRAV102-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165779.0915 ft	2187656.0540 ft	23.3147 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV102-01, TRAV102-02, TRAV102-03, TRAV102-04, TRAV102-05, TRAV102-06, TRAV102-07, TRAV102-08, TRAV102-09, TRAV102-10, TRAV102-11, TRAV102-12, TRAV102-13, TRAV102-14, TRAV102-15, TRAV102-16, TRAV102-17, TRAV102-18, TRAV102-19, TRAV102-20, TRAV102-21, TRAV102-22, TRAV102-23, TRAV102-24, TRAV102-25, TRAV102-26, TRAV102-27, TRAV102-28, TRAV102-29, TRAV102-30, ...				
WGS84 (ITRF2008) @2017.5000			44°17'14.46818"N	068°17'27.49854"W	-59.6845 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-24 12:56:10		Time UTC	2017-11-24 17:56:10	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4100 ft
Epochs	2148	Satellites	6+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0022 ft	VRMS	0.0033 ft	3DRMS	0.0040 ft
HDOP	0.7806	PDOP	1.4416	GDOP	1.6566
95% Confidence Ellipse		$\sigma_a$ :0.005 ft	$\sigma_b$ :0.003 ft	$\theta$ :0°53'13"	$\sigma_h$ :0.007 ft



TRAV101-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165879.8016 ft	2187644.2287 ft	21.6461 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV101-01, TRAV101-02, TRAV101-03, TRAV101-04, TRAV101-05, TRAV101-06, TRAV101-07, TRAV101-08, TRAV101-09, TRAV101-10, TRAV101-11, TRAV101-12, TRAV101-13, TRAV101-14, TRAV101-15, TRAV101-16, TRAV101-17, TRAV101-18, TRAV101-19, TRAV101-20, TRAV101-21, TRAV101-22, TRAV101-23, TRAV101-24, TRAV101-25, TRAV101-26, TRAV101-27				
WGS84 (ITRF2008) @2017.5000			44°17'15.46209"N	068°17'27.66812"W	-61.3517 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-24 13:56:21		Time UTC	2017-11-24 18:56:21	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4100 ft
Epochs	1887	Satellites	5+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0032 ft	VRMS	0.0054 ft	3DRMS	0.0062 ft
HDOP	0.8611	PDOP	1.6513	GDOP	1.9086
95% Confidence Ellipse		$\sigma_a$ :0.006 ft	$\sigma_b$ :0.004 ft	$\theta$ :343°49'6"	$\sigma_h$ :0.010 ft

TRAV103-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165800.8221 ft	2187710.5699 ft	29.9040 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV103-01, TRAV103-02, TRAV103-03, TRAV103-04, TRAV103-05, TRAV103-06, TRAV103-07, TRAV103-08, TRAV103-09, TRAV103-10, TRAV103-11, TRAV103-12, TRAV103-13, TRAV103-14, TRAV103-15, TRAV103-16, TRAV103-17, TRAV103-18, TRAV103-19, TRAV103-20, TRAV103-21, TRAV103-22, TRAV103-23, TRAV103-24, TRAV103-25, TRAV103-26, TRAV103-27, TRAV103-28, TRAV103-29, TRAV103-30, ...				
WGS84 (ITRF2008) @2017.5000			44°17'14.68550"N	068°17'26.75061"W	-53.0936 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-24 14:43:00		Time UTC	2017-11-24 19:43:00	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4100 ft
Epochs	4261	Satellites	6+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0017 ft	VRMS	0.0027 ft	3DRMS	0.0032 ft
HDOP	0.7689	PDOP	1.4335	GDOP	1.6348
95% Confidence Ellipse		$\sigma_a$ :0.004 ft	$\sigma_b$ :0.002 ft	$\theta$ :345°55'44"	$\sigma_h$ :0.005 ft

1724GNSS1-01_AVG[1]	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165493.2624 ft	2187566.0852 ft	12.4510 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: 1724GNSS1-01, 1724GNSS1-02, 1724GNSS1-03, 1724GNSS1-04, 1724GNSS1-05				
WGS84 (ITRF2008) @2017.5000			44°17'11.64115"N	068°17'28.71542"W	-70.5548 ft
Base			165493.2624 ft	2187566.0852 ft	12.4510 ft
Local Time	2017-11-27 10:26:21		Time UTC	2017-11-27 15:26:21	
Antenna	JAVTRIUMPH_2A NONE		Vertical Antenna Height		6.6437 ft
Epochs	2785	Satellites	17+14	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0050 ft	VRMS	0.0035 ft	3DRMS	0.0061 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		$\sigma_a$ :0.009 ft	$\sigma_b$ :0.009 ft	$\theta$ :341°16'1"	$\sigma_h$ :0.007 ft

1724GNSS1-05	Code and Description		Northing	Easting	Ortho Height
@2010.0000	_____		165493.2624 ft	2187566.0852 ft	12.4510 ft
Page	Control	Code	DefCode	Tag	_____
WGS84 (ITRF2008) @2017.5000			44°17'11.64115"N	068°17'28.71542"W	-70.5548 ft
Base			165493.2624 ft	2187566.0852 ft	12.4510 ft
Local Time	2017-11-27 10:26:21		Time UTC	2017-11-27 15:26:21	
Antenna	JAVTRIUMPH_2A NONE		Vertical Antenna Height		6.6437 ft
Epochs	4294967295	Satellites	17+14	Duration	14225.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0111 ft	VRMS	0.0079 ft	3DRMS	0.0136 ft
HDOP	0.0000	PDOP	0.0000	GDOP	0.0000
95% Confidence Ellipse		σa:0.019 ft	σb:0.019 ft	θ:341°16'1"	σh:0.015 ft
Raw Files	1724GNSS1-05_102625.jpg				


Disconnect
Stop Base
3s
4ep
1s

Rover: Triumph-LS VKB  
 Base: TRIUMPH2 00089

**464.55**  
 Base ID: 0  
 Ref. Frame: WGS84(ITRF2008)  
 Format: RTCM 3.0 Min  
 Period: 1 Sec  
 Frequency: 464.55000 MHz  
 Mod., Band.: D8PSK, 12.5 KHz  
 Out. Power: 35000/45 mW/dBm  
 Guards: 50mG, 5°, 5cm

**[List] 1724GNSS1-05 DefCode**  
 N 165493.2628ft      2D Delta: 6.29 ft  
 E 2187566.0856ft      Δ H: 1.57 ft  
 H 12.4509ft      Azimuth: -9.04°  
 NAD83(2011) / Maine CS2000 East |  
 NAVD 88  
 Ant. Type: JAVTRIUMPH\_2A NONE  
 Ant. Height: 6.644 ft      Vertical

From Base
To Base
Recall
DPOS
Done

TRAV108-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165676.6896 ft	2187745.0932 ft	23.9238 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV108-01, TRAV108-02, TRAV108-03, TRAV108-04, TRAV108-05, TRAV108-06, TRAV108-07, TRAV108-08, TRAV108-09, TRAV108-10, TRAV108-11, TRAV108-12, TRAV108-13, TRAV108-14, TRAV108-15, TRAV108-16, TRAV108-17, TRAV108-18, TRAV108-19, TRAV108-20, TRAV108-21, TRAV108-22, TRAV108-23, TRAV108-24, TRAV108-25, TRAV108-26, TRAV108-27, TRAV108-28, TRAV108-29, TRAV108-30, ...				
WGS84 (ITRF2008) @2017.5000			44°17'13.46143"N	068°17'26.26736"W	-59.0750 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 11:24:05		Time UTC	2017-11-27 16:24:05	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	4029	Satellites	6+4	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0018 ft	VRMS	0.0034 ft	3DRMS	0.0039 ft
HDOP	0.8164	PDOP	1.5331	GDOP	1.7743
95% Confidence Ellipse		σa:0.003 ft	σb:0.003 ft	θ:57°25'33"	σh:0.007 ft



TRAV110-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165593.7493 ft	2187691.1678 ft	20.0703 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV110-01, TRAV110-02, TRAV110-03, TRAV110-04, TRAV110-05, TRAV110-06, TRAV110-07, TRAV110-08, TRAV110-09, TRAV110-10, TRAV110-11, TRAV110-12, TRAV110-13, TRAV110-14, TRAV110-15, TRAV110-16, TRAV110-17, TRAV110-18, TRAV110-19, TRAV110-20, TRAV110-21, TRAV110-22, TRAV110-23, TRAV110-24, TRAV110-25, TRAV110-26, TRAV110-27, TRAV110-28, TRAV110-29, TRAV110-30, ...				
WGS84 (ITRF2008) @2017.5000			44°17'12.63971"N	068°17'27.00291"W	-62.9311 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 12:01:53		Time UTC	2017-11-27 17:01:53	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	5430	Satellites	5+4	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0016 ft	VRMS	0.0021 ft	3DRMS	0.0027 ft
HDOP	0.8009	PDOP	1.4003	GDOP	1.5974
95% Confidence Ellipse		$\sigma_a$ :0.003 ft	$\sigma_b$ :0.003 ft	$\theta$ :37°27'40"	$\sigma_h$ :0.004 ft

TRAV09-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165694.4402 ft	2187643.2257 ft	11.7482 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV09-01, TRAV09-02				
WGS84 (ITRF2008) @2017.5000			44°17'13.63162"N	068°17'27.66899"W	-71.2526 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 12:06:10		Time UTC	2017-11-27 17:06:10	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	86	Satellites	7+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0141 ft	VRMS	0.0159 ft	3DRMS	0.0212 ft
HDOP	0.8647	PDOP	1.5363	GDOP	1.7799
95% Confidence Ellipse		$\sigma_a$ :0.027 ft	$\sigma_b$ :0.022 ft	$\theta$ :346°18'6"	$\sigma_h$ :0.031 ft

TRAV09-03_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165694.8938 ft	2187643.1460 ft	12.1990 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV09-03, TRAV09-04, TRAV09-05, TRAV09-06, TRAV09-07, TRAV09-08, TRAV09-09, TRAV09-10, TRAV09-11, TRAV09-12, TRAV09-13, TRAV09-14, TRAV09-15, TRAV09-16, TRAV09-17, TRAV09-18, TRAV09-19, TRAV09-20, TRAV09-21, TRAV09-22, TRAV09-23, TRAV09-24, TRAV09-25, TRAV09-26, TRAV09-27, TRAV09-28, TRAV09-29, TRAV09-30, TRAV09-31, TRAV09-32, ...				
WGS84 (ITRF2008) @2017.5000			44°17'13.63609"N	068°17'27.67011"W	-70.8019 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 13:32:47		Time UTC	2017-11-27 18:32:47	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	15352	Satellites	6+4	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0008 ft	VRMS	0.0011 ft	3DRMS	0.0014 ft
HDOP	0.8010	PDOP	1.5032	GDOP	1.7302
95% Confidence Ellipse		$\sigma_a$ :0.002 ft	$\sigma_b$ :0.001 ft	$\theta$ :351°35'52"	$\sigma_h$ :0.002 ft

TRAV104-91_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165846.9745 ft	2187816.2630 ft	46.4607 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV104-91, TRAV104-92				
WGS84 (ITRF2008) @2017.5000			44°17'15.14653"N	068°17'25.30083"W	-36.5337 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 14:10:22		Time UTC	2017-11-27 19:10:22	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	62	Satellites	7+6	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0122 ft	VRMS	0.0196 ft	3DRMS	0.0231 ft
HDOP	0.8667	PDOP	1.7812	GDOP	2.0777
95% Confidence Ellipse		$\sigma_a$ :0.025 ft	$\sigma_b$ :0.016 ft	$\theta$ :3°56'20"	$\sigma_h$ :0.038 ft

TRAV104-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165850.0454 ft	2187814.2757 ft	30.2758 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV104-01, TRAV104-02, TRAV104-03, TRAV104-04, TRAV104-05, TRAV104-06, TRAV104-07, TRAV104-08, TRAV104-09, TRAV104-10, TRAV104-11, TRAV104-12, TRAV104-13, TRAV104-14, TRAV104-15, TRAV104-16, TRAV104-17, TRAV104-18, TRAV104-19, TRAV104-20, TRAV104-21, TRAV104-22, TRAV104-23, TRAV104-24, TRAV104-25, TRAV104-26, TRAV104-27, TRAV104-28, TRAV104-29, TRAV104-30, ...				
WGS84 (ITRF2008) @2017.5000			44°17'15.17676"N	068°17'25.32837"W	-52.7186 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 14:21:09		Time UTC	2017-11-27 19:21:09	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	5528	Satellites	5+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0017 ft	VRMS	0.0024 ft	3DRMS	0.0029 ft
HDOP	0.8293	PDOP	1.5515	GDOP	1.7829
95% Confidence Ellipse		$\sigma_a$ :0.003 ft	$\sigma_b$ :0.002 ft	$\theta$ :358°37'5"	$\sigma_h$ :0.005 ft

TRAV106-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165912.9850 ft	2187846.6611 ft	30.5568 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV106-01, TRAV106-02, TRAV106-03, TRAV106-04, TRAV106-05, TRAV106-06, TRAV106-07, TRAV106-08, TRAV106-09, TRAV106-10, TRAV106-11, TRAV106-12, TRAV106-13, TRAV106-14, TRAV106-15, TRAV106-16, TRAV106-17, TRAV106-18, TRAV106-19, TRAV106-20, TRAV106-21, TRAV106-22, TRAV106-23, TRAV106-24, TRAV106-25, TRAV106-26, TRAV106-27, TRAV106-28, TRAV106-29, TRAV106-30, ...				
WGS84 (ITRF2008) @2017.5000			44°17'15.79990"N	068°17'24.88754"W	-52.4359 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 15:13:14		Time UTC	2017-11-27 20:13:14	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	3272	Satellites	5+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0029 ft	VRMS	0.0034 ft	3DRMS	0.0045 ft
HDOP	0.8503	PDOP	1.4557	GDOP	1.6554
95% Confidence Ellipse		$\sigma_a$ :0.006 ft	$\sigma_b$ :0.004 ft	$\theta$ :1°10'2"	$\sigma_h$ :0.007 ft

TRAV107-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165909.5017 ft	2187774.9539 ft	31.2232 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV107-01, TRAV107-02, TRAV107-03, TRAV107-04, TRAV107-05, TRAV107-06, TRAV107-07, TRAV107-08, TRAV107-09, TRAV107-10, TRAV107-11, TRAV107-12, TRAV107-13, TRAV107-14, TRAV107-15, TRAV107-16, TRAV107-17, TRAV107-18, TRAV107-19, TRAV107-20				
WGS84 (ITRF2008) @2017.5000			44°17'15.76192"N	068°17'25.87307"W	-51.7712 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 15:37:37		Time UTC	2017-11-27 20:37:37	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	1129	Satellites	5+5	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0060 ft	VRMS	0.0071 ft	3DRMS	0.0094 ft
HDOP	1.0006	PDOP	1.6460	GDOP	1.8998
95% Confidence Ellipse		σa:0.013 ft	σb:0.007 ft	θ:334°50'56"	σh:0.014 ft

TRAV105-01_AVG	Code and Description		Northing	Easting	Ortho Height
@2010.0000	Cluster Average		165856.3428 ft	2187790.4202 ft	31.4169 ft
Page	AVG Days 2 and 3	Code	DefCode	Tag	_____
Notes	Averaged: TRAV105-01, TRAV105-02, TRAV105-03, TRAV105-04, TRAV105-05, TRAV105-06, TRAV105-07, TRAV105-08, TRAV105-09, TRAV105-10, TRAV105-11, TRAV105-12, TRAV105-13, TRAV105-14, TRAV105-15, TRAV105-16, TRAV105-17, TRAV105-18, TRAV105-19, TRAV105-20, TRAV105-21, TRAV105-22, TRAV105-23, TRAV105-24, TRAV105-25, TRAV105-26, TRAV105-27, TRAV105-28, TRAV105-29, TRAV105-30, ...				
WGS84 (ITRF2008) @2017.5000			44°17'15.23775"N	068°17'25.65675"W	-51.5779 ft
Base			165493.2627 ft	2187566.0855 ft	12.4509 ft
Local Time	2017-11-27 16:08:10		Time UTC	2017-11-27 21:08:10	
Antenna	JAVTRIUMPH_LSA NONE		Vertical Antenna Height		5.4000 ft
Epochs	3041	Satellites	7+3	Duration	0.000 sec
Solution	Fixed / RTK	Confidence	_____	Consistency	_____
HRMS	0.0018 ft	VRMS	0.0033 ft	3DRMS	0.0038 ft
HDOP	0.8563	PDOP	1.7804	GDOP	2.1079
95% Confidence Ellipse		σa:0.003 ft	σb:0.003 ft	θ:343°11'7"	σh:0.007 ft