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Network Adjustment Report

Project : Auxillary Base

User name	Andrew Balser	**Date & Time**	6:37:26 PM 7/1/2007
Coordinate System	UTM	**Zone**	6 North
Project Datum	NAD 1983 (Conus) CORS96		
Vertical Datum	NAVD88	**Geoid Model**	Not selected
Coordinate Units	Meters		
Distance Units	Meters		
Height Units	Meters		

Adjustment Style Settings - 95% Confidence Limits

Residual Tolerances

To End Iterations : 0.000010m
Final Convergence Cutoff : 0.005000m

Covariance Display

Horizontal
Propagated Linear Error [E] : U.S.
Constant Term [C] : 0.00000000m
Scale on Linear Error [S] : 1.96

Three-Dimensional
Propagated Linear Error [E] : U.S.
Constant Term [C] : 0.00000000m
Scale on Linear Error [S] : 1.96
Elevation Errors were used in the calculations.

Adjustment Controls

Compute Correlations for Geoid : False
Horizontal and Vertical adjustment performed

Set-up Errors

GPS
Error in Height of Antenna : 0.000m
Centering Error : 0.000m

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Coordinate Deltas

Point Name	DEasting	DNorthing	DElevation	DHeight	DGeoid Separation
TOOL2845	0.000m	0.000m	N/A	0.000m	N/A
TFS1	0.000m	0.000m	N/A	-0.003m	N/A

Control Coordinate Comparisons

Values shown are control coord minus adjusted coord.

Point Name	DEasting	DNorthing	DElevation	DHeight
TOOL2845	N/A	N/A	N/A	N/A

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Adjusted Observations

Adjustment performed in WGS-84

GPS Observations

Number of Observations : 35
Number of Outliers : 0

Observation Adjustment (Critical Tau = 3.41). Any outliers are in red.

Obs. ID	From Pt.	To Pt.		Observation	A-posteriori Error (1.96s)	Residual	Stand. Residual
B67	TOOL2845	TFS1	**Az.**	35°22'32.2246"	0°00'00.5023"	0°00'00.2279"	0.13
			DHt.	-19.290m	0.001m	0.008m	2.13
			Dist.	153.365m	0.000m	-0.002m	-1.09
B65	TOOL2845	TFS1	**Az.**	35°22'32.2246"	0°00'00.5023"	0°00'00.1476"	0.12
			DHt.	-19.290m	0.001m	0.006m	2.01
			Dist.	153.365m	0.000m	0.001m	0.67
B69	TOOL2845	TFS1	**Az.**	35°22'32.2246"	0°00'00.5023"	0°00'02.3815"	1.96
			DHt.	-19.290m	0.001m	0.004m	1.36
			Dist.	153.365m	0.000m	0.000m	-0.34
B42	TOOL2845	TFS1	**Az.**	35°22'32.2246"	0°00'00.5023"	-0°00'01.0775"	-0.77
			DHt.	-19.290m	0.001m	-0.005m	-1.96
			Dist.	153.365m	0.000m	0.000m	-0.30
B66	TOOL2845	TFS1	**Az.**	35°22'32.2246"	0°00'00.5023"	0°00'01.4065"	0.96
			DHt.	-19.290m	0.001m	0.004m	1.76