
AEROoffice V5.7.9 2023-09-27
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Dongle-ID: 3-3541217

Boresight Misalignment Calculations
16/07/2025 9:58:40

Project: Pol-Cal PH-PNX Iif 16CM M4 JUN2025
Projectfile: C:\AEROofficeV51\PROYECTOS\03-PROYECTOS_EAGLE\25_0021_POL-CAL_TALAVERA_16CM_M4\

Used input data:

Platform Solution: C:\AEROofficeV51\PROYECTOS\03-PROYECTOS_EAGLE\25_0021_POL-CAL_TALAVERA_16CM_M4\
Event Mark File : C:\AEROofficeV51\PROYECTOS\03-PROYECTOS_EAGLE\25_0021_POL-CAL_TALAVERA_16CM_M4\
AT Result File : C:\AEROofficeV51\PROYECTOS\03-PROYECTOS_EAGLE\25_0021_POL-CAL_TALAVERA_16CM_M4\
Importformat File: C:\AEROofficeV51\FORMATOS\PTOFORMAT

Coordinate system scalefactor correction for height applied
Using DTM
Local Coordinate System:
UTM - WGS84 SPH - ellipsoidal Altitude
System defined in: built-in coordinate system
Selected Zone: 30N
Meridian Convergence corrected

Loading INS Data
144 usable events found
Loading AT Data
AT input: angles found
144 AT Data Sets imported
144 events with matching eventnumbers found.

Position offset for the single events [m]:

	number	time	east	north	alt	d east	d north	d alt
position:	41871	560962.46	-0.001	0.008	0.021	0.000	0.007	-0.006
position:	41872	560967.35	0.003	0.005	0.009	0.004	0.004	-0.017
position:	41873	560972.27	0.002	0.004	0.015	0.002	0.002	-0.011
position:	41874	560977.20	0.002	0.006	0.016	0.003	0.005	-0.010
position:	41875	560982.15	-0.001	0.004	0.012	-0.001	0.002	-0.014
position:	41876	560987.14	-0.006	-0.002	0.029	-0.005	-0.003	0.002
position:	41877	560992.18	-0.002	-0.001	0.028	-0.001	-0.002	0.002
position:	41878	560997.27	-0.012	0.006	0.033	-0.012	0.005	0.007
position:	41879	561002.37	-0.008	-0.007	0.036	-0.007	-0.008	0.010
position:	41880	561007.46	-0.002	0.003	0.038	-0.002	0.002	0.012
position:	41881	561012.54	-0.004	-0.002	0.013	-0.004	-0.003	-0.013
position:	41882	561017.63	-0.003	0.000	0.024	-0.003	-0.002	-0.002
position:	41883	561022.71	-0.006	-0.005	0.021	-0.005	-0.007	-0.005
position:	41884	561027.81	-0.003	-0.003	0.038	-0.002	-0.005	0.012
position:	41885	561032.93	-0.005	0.008	0.032	-0.005	0.007	0.006
position:	41886	561038.06	-0.007	-0.004	0.046	-0.006	-0.006	0.019
position:	41887	561043.18	-0.005	0.001	0.016	-0.004	0.000	-0.010
position:	41888	561048.28	-0.004	-0.005	0.015	-0.003	-0.006	-0.011
position:	41889	561053.37	-0.009	0.007	0.005	-0.009	0.006	-0.021
position:	41890	561058.44	-0.009	0.009	0.022	-0.008	0.008	-0.004
position:	41891	561063.51	-0.002	-0.005	0.024	-0.001	-0.006	-0.002
position:	41892	561068.56	-0.002	0.005	0.008	-0.001	0.003	-0.018
position:	41893	561073.62	-0.002	0.004	0.041	-0.001	0.002	0.015
position:	41894	561078.66	-0.007	0.007	0.011	-0.006	0.006	-0.015
position:	41895	561246.62	0.001	-0.001	0.043	0.001	-0.003	0.017
position:	41896	561253.19	-0.005	0.002	0.046	-0.004	0.001	0.020
position:	41897	561259.72	-0.001	0.003	0.035	0.000	0.002	0.009
position:	41898	561266.28	-0.008	-0.003	0.030	-0.007	-0.004	0.004
position:	41899	561272.84	-0.001	-0.005	0.024	0.000	-0.006	-0.002
position:	41900	561279.42	0.006	0.004	0.015	0.006	0.002	-0.011
position:	41901	561285.97	0.001	0.003	0.019	0.001	0.002	-0.007
position:	41902	561292.43	0.010	0.004	0.025	0.010	0.003	-0.001
position:	41903	561298.85	0.006	0.002	0.046	0.007	0.001	0.020
position:	41904	561305.25	0.008	0.002	0.051	0.008	0.001	0.025
position:	41905	561311.71	0.002	0.003	0.033	0.003	0.001	0.006
position:	41906	561318.17	0.005	0.006	0.035	0.005	0.005	0.009
position:	41907	561324.62	0.003	0.005	0.047	0.004	0.003	0.021
position:	41908	561331.05	0.000	0.013	0.041	0.001	0.012	0.015
position:	41909	561337.55	0.003	0.012	0.016	0.004	0.010	-0.010
position:	41910	561344.11	0.004	0.017	0.017	0.004	0.015	-0.009
position:	41911	561350.68	0.006	0.007	0.034	0.006	0.006	0.008
position:	41912	561357.20	0.005	0.000	0.033	0.005	-0.001	0.006
position:	41913	561363.68	-0.001	0.008	0.038	0.000	0.007	0.012
position:	41914	561370.20	0.006	-0.002	0.029	0.006	-0.004	0.003

position:	41915	561376.76	0.016	0.008	0.004	0.016	0.007	-0.022
position:	41916	561383.31	0.001	0.002	0.019	0.002	0.000	-0.007
position:	41917	561389.84	0.003	0.011	0.005	0.003	0.010	-0.021
position:	41918	561396.34	0.009	0.008	-0.004	0.010	0.007	-0.031
position:	41919	561512.87	0.000	0.000	0.018	0.001	-0.001	-0.008
position:	41920	561518.15	0.003	-0.008	0.023	0.004	-0.010	-0.003
position:	41921	561523.37	0.002	-0.015	0.034	0.003	-0.016	0.008
position:	41922	561528.52	0.004	-0.008	0.032	0.005	-0.010	0.006
position:	41923	561533.63	-0.002	-0.003	0.040	-0.001	-0.004	0.014
position:	41924	561538.73	0.004	-0.010	0.050	0.004	-0.011	0.024
position:	41925	561543.78	0.001	-0.011	0.047	0.002	-0.012	0.021
position:	41926	561548.80	-0.005	-0.002	0.039	-0.004	-0.003	0.013
position:	41927	561553.87	-0.006	-0.007	0.036	-0.006	-0.009	0.010
position:	41928	561558.88	-0.005	-0.012	0.034	-0.004	-0.013	0.008
position:	41929	561563.83	-0.008	-0.006	0.041	-0.008	-0.008	0.015
position:	41930	561568.81	-0.006	-0.006	0.048	-0.005	0.000	0.022
position:	41931	561573.73	-0.005	0.004	0.054	-0.005	0.003	0.028
position:	41932	561578.68	-0.003	-0.003	0.044	-0.002	-0.004	0.018
position:	41933	561583.68	-0.003	-0.013	0.055	-0.002	-0.015	0.029
position:	41934	561588.64	-0.002	-0.010	0.045	-0.001	-0.011	0.019
position:	41935	561593.55	0.003	0.003	0.024	0.004	0.001	-0.002
position:	41936	561598.46	-0.010	-0.009	0.028	-0.009	-0.011	0.002
position:	41937	561603.36	-0.004	-0.009	0.030	-0.004	-0.011	0.004
position:	41938	561608.27	-0.001	-0.004	0.026	-0.001	-0.005	0.000
position:	41939	561613.18	-0.004	-0.005	0.024	-0.004	-0.006	-0.002
position:	41940	561618.13	-0.006	-0.002	0.015	-0.005	-0.003	-0.011
position:	41941	561623.02	0.001	-0.006	0.015	0.001	-0.008	-0.011
position:	41942	561627.94	-0.004	-0.004	0.026	-0.003	-0.005	0.000
position:	41847	560589.35	0.004	0.004	0.009	0.005	0.003	-0.017
position:	41848	560595.08	-0.001	0.005	0.004	-0.001	0.004	-0.022
position:	41849	560600.81	0.002	-0.001	0.008	0.003	-0.002	-0.018
position:	41850	560606.54	0.001	0.006	0.033	0.002	0.004	0.007
position:	41851	560612.26	0.006	0.006	0.027	0.006	-0.001	0.001
position:	41852	560617.97	0.006	0.000	0.016	0.007	-0.001	-0.010
position:	41853	560623.71	0.001	0.000	0.007	0.001	-0.001	-0.020
position:	41854	560629.46	-0.003	-0.004	0.001	-0.002	-0.005	-0.025
position:	41855	560635.20	0.002	-0.002	0.021	0.003	-0.004	-0.005
position:	41856	560640.90	-0.004	0.006	0.021	-0.004	-0.004	-0.005
position:	41857	560646.60	0.004	0.001	0.005	0.005	-0.001	-0.022
position:	41858	560652.40	-0.003	-0.001	0.014	-0.003	-0.003	-0.012
position:	41859	560658.22	0.005	-0.005	0.025	0.006	-0.006	-0.001
position:	41860	560663.99	0.006	-0.003	0.044	0.007	-0.005	0.018
position:	41861	560669.73	0.003	0.001	0.028	0.003	-0.001	0.002
position:	41862	560675.46	0.006	0.001	0.020	0.007	-0.001	-0.006
position:	41863	560681.24	0.006	0.005	0.007	0.007	0.003	-0.019
position:	41864	560687.02	-0.002	0.006	0.018	-0.002	0.004	-0.008
position:	41865	560692.77	-0.009	0.002	0.003	-0.009	0.000	-0.023
position:	41866	560698.44	-0.002	-0.006	0.001	-0.001	-0.008	-0.026
position:	41867	560704.06	0.002	-0.006	0.020	0.002	-0.008	-0.006
position:	41868	560709.60	-0.004	0.006	0.014	-0.003	0.005	-0.012
position:	41869	560715.08	0.001	0.005	0.009	0.002	0.004	-0.017
position:	41870	560720.58	-0.006	0.006	0.007	-0.005	0.005	-0.019
position:	41823	560321.57	-0.009	0.002	0.043	-0.008	0.000	0.017
position:	41824	560327.34	0.000	0.001	0.049	0.001	0.000	0.023
position:	41825	560333.11	-0.004	-0.003	0.024	-0.003	-0.004	-0.002
position:	41826	560338.98	-0.012	0.005	0.045	-0.012	0.003	0.019
position:	41827	560344.90	0.003	0.016	0.052	0.003	0.015	0.026
position:	41828	560350.86	-0.008	0.010	0.055	-0.007	0.008	0.029
position:	41829	560356.80	-0.014	0.018	0.060	-0.014	0.017	0.033
position:	41830	560362.74	-0.007	0.010	0.049	-0.007	0.008	0.023
position:	41831	560368.69	-0.001	0.006	0.046	0.000	0.005	0.020
position:	41832	560374.66	-0.006	0.005	0.054	-0.006	0.004	0.028
position:	41833	560380.61	-0.011	0.011	0.039	-0.010	0.010	0.013
position:	41834	560386.56	-0.010	0.010	0.047	-0.010	0.008	0.021
position:	41835	560392.51	-0.004	0.000	0.018	-0.003	-0.002	-0.008
position:	41836	560398.48	-0.009	0.008	0.031	-0.008	0.007	0.005
position:	41837	560404.35	-0.005	0.017	0.043	-0.004	0.015	0.017
position:	41838	560410.18	0.003	0.003	0.028	0.004	0.002	0.002
position:	41839	560416.05	-0.001	0.010	0.026	-0.001	0.009	0.000
position:	41840	560421.90	-0.009	0.004	0.016	-0.008	0.003	-0.010
position:	41841	560427.70	-0.016	0.018	0.028	-0.016	0.016	0.002
position:	41842	560433.52	-0.007	0.007	0.029	-0.007	0.006	0.003
position:	41843	560439.30	0.000	0.009	0.024	0.001	0.007	-0.002
position:	41844	560445.08	0.000	0.006	0.026	0.000	0.004	0.000
position:	41845	560450.85	0.000	0.000	0.018	0.001	-0.001	-0.008
position:	41846	560456.61	0.006	0.005	0.009	0.007	0.003	-0.017
position:	41799	560055.69	0.005	0.001	0.016	0.006	0.000	-0.010
position:	41800	560061.41	0.002	0.002	0.021	0.002	0.001	-0.005
position:	41801	560067.13	0.013	0.003	0.020	0.013	0.001	-0.006
position:	41802	560072.84	-0.004	-0.001	0.039	-0.004	-0.003	0.013
position:	41803	560078.53	0.003	0.002	0.029	0.004	0.001	0.003
position:	41804	560084.22	0.001	0.002	0.007	0.002	0.000	-0.019
position:	41805	560089.90	0.003	-0.002	0.017	0.004	-0.003	-0.009
position:	41806	560095.59	0.006	-0.002	0.010	0.006	-0.004	-0.016
position:	41807	560101.33	0.001	-0.003	0.020	0.002	-0.004	-0.006
position:	41808	560107.05	-0.001	-0.005	0.043	0.000	-0.006	0.017
position:	41809	560112.77	-0.001	0.001	0.028	0.000	0.000	0.001
position:	41810	560118.49	0.003	0.001	0.027	0.004	-0.001	0.001
position:	41811	560124.30	0.006	0.003	0.016	0.007	0.002	-0.010
position:	41812	560130.19	0.001	0.002	0.014	0.002	0.001	-0.012
position:	41813	560136.11	0.006	-0.009	0.013	0.006	-0.010	-0.013
position:	41814	560142.04	-0.001	-0.001	0.019	0.000	-0.002	-0.007

position:	41815	560147.98	0.004	0.009	0.002	0.004	0.008	-0.024
position:	41816	560153.93	-0.003	0.005	0.031	-0.002	0.004	0.005
position:	41817	560159.83	0.008	0.001	0.023	0.008	-0.001	-0.003
position:	41818	560165.68	0.001	0.001	0.009	0.002	0.000	-0.017
position:	41819	560171.48	0.001	-0.006	0.017	0.001	-0.008	-0.009
position:	41820	560177.23	0.008	-0.008	0.021	0.009	-0.010	-0.006
position:	41821	560182.97	0.012	-0.006	0.024	0.013	-0.008	-0.002
position:	41822	560188.68	0.005	-0.001	0.011	0.005	-0.002	-0.015

Average position offset:
 East: -0.001 m
 North: 0.001 m
 Alt: 0.026 m
 Position offset RMS:
 East: 0.006 m
 North: 0.006 m
 Alt: 0.014 m

Misalignment angles for the single events [deg]:

number	time	roll	pitch	yaw	d roll	d pitch	d yaw
angle: 41871	560962.46	0.1682	0.2097	0.3295	0.0010	-0.0006	-0.0056
angle: 41872	560967.35	0.1685	0.2092	0.3294	0.0012	-0.0011	-0.0058
angle: 41873	560972.27	0.1679	0.2092	0.3300	0.0006	-0.0011	-0.0051
angle: 41874	560977.20	0.1674	0.2092	0.3300	0.0002	-0.0012	-0.0051
angle: 41875	560982.15	0.1682	0.2097	0.3299	0.0010	-0.0007	-0.0052
angle: 41876	560987.14	0.1678	0.2088	0.3302	0.0005	-0.0016	-0.0049
angle: 41877	560992.18	0.1678	0.2109	0.3302	0.0005	0.0005	-0.0049
angle: 41878	560997.27	0.1674	0.2105	0.3303	0.0001	0.0001	-0.0048
angle: 41879	561002.37	0.1680	0.2091	0.3301	0.0008	-0.0012	-0.0050
angle: 41880	561007.46	0.1681	0.2103	0.3297	0.0009	0.0000	-0.0054
angle: 41881	561012.54	0.1680	0.2095	0.3299	0.0008	-0.0008	-0.0052
angle: 41882	561017.63	0.1682	0.2101	0.3295	0.0010	-0.0003	-0.0056
angle: 41883	561022.71	0.1677	0.2090	0.3293	0.0005	-0.0013	-0.0058
angle: 41884	561027.81	0.1675	0.2096	0.3295	0.0002	-0.0008	-0.0056
angle: 41885	561032.93	0.1677	0.2101	0.3293	0.0004	-0.0003	-0.0058
angle: 41886	561038.06	0.1672	0.2095	0.3296	0.0000	-0.0009	-0.0056
angle: 41887	561043.18	0.1672	0.2090	0.3290	-0.0001	-0.0013	-0.0062
angle: 41888	561048.28	0.1673	0.2096	0.3290	0.0000	-0.0008	-0.0062
angle: 41889	561053.37	0.1669	0.2091	0.3287	-0.0004	-0.0013	-0.0064
angle: 41890	561058.44	0.1670	0.2100	0.3285	-0.0003	-0.0004	-0.0067
angle: 41891	561063.51	0.1675	0.2092	0.3288	0.0002	-0.0012	-0.0064
angle: 41892	561068.56	0.1674	0.2091	0.3284	0.0002	-0.0013	-0.0067
angle: 41893	561073.62	0.1676	0.2086	0.3285	0.0003	-0.0018	-0.0066
angle: 41894	561078.66	0.1674	0.2095	0.3290	0.0002	-0.0009	-0.0061
angle: 41895	561246.62	0.1664	0.2123	0.3372	-0.0008	0.0019	0.0021
angle: 41896	561253.19	0.1667	0.2121	0.3373	-0.0006	0.0017	0.0021
angle: 41897	561259.72	0.1668	0.2123	0.3378	-0.0005	0.0020	0.0027
angle: 41898	561266.28	0.1665	0.2129	0.3382	-0.0007	0.0026	0.0031
angle: 41899	561272.84	0.1662	0.2122	0.3381	-0.0010	0.0019	0.0029
angle: 41900	561279.42	0.1663	0.2123	0.3387	-0.0009	0.0019	0.0035
angle: 41901	561285.97	0.1662	0.2122	0.3388	-0.0010	0.0019	0.0037
angle: 41902	561292.43	0.1667	0.2123	0.3390	-0.0006	0.0019	0.0039
angle: 41903	561298.85	0.1662	0.2117	0.3393	-0.0011	0.0014	0.0042
angle: 41904	561305.25	0.1664	0.2116	0.3395	-0.0008	0.0013	0.0043
angle: 41905	561311.71	0.1662	0.2121	0.3396	-0.0010	0.0018	0.0044
angle: 41906	561318.17	0.1664	0.2118	0.3397	-0.0008	0.0015	0.0046
angle: 41907	561324.62	0.1663	0.2116	0.3394	-0.0010	0.0012	0.0043
angle: 41908	561331.05	0.1662	0.2119	0.3393	-0.0010	0.0016	0.0042
angle: 41909	561337.55	0.1662	0.2117	0.3397	-0.0011	0.0013	0.0046
angle: 41910	561344.11	0.1658	0.2104	0.3396	-0.0014	0.0001	0.0045
angle: 41911	561350.68	0.1662	0.2106	0.3400	-0.0010	0.0003	0.0049
angle: 41912	561357.20	0.1656	0.2112	0.3403	-0.0017	0.0009	0.0052
angle: 41913	561363.68	0.1656	0.2113	0.3402	-0.0016	0.0009	0.0051
angle: 41914	561370.20	0.1652	0.2106	0.3406	-0.0021	0.0003	0.0054
angle: 41915	561376.76	0.1656	0.2107	0.3408	-0.0016	0.0003	0.0057
angle: 41916	561383.31	0.1657	0.2103	0.3404	-0.0015	-0.0001	0.0053
angle: 41917	561389.84	0.1658	0.2110	0.3404	-0.0014	0.0007	0.0053
angle: 41918	561396.34	0.1655	0.2106	0.3403	-0.0017	0.0002	0.0052
angle: 41919	561512.87	0.1688	0.2109	0.3342	0.0016	0.0005	-0.0010
angle: 41920	561518.15	0.1684	0.2114	0.3338	0.0012	0.0011	-0.0013
angle: 41921	561523.37	0.1688	0.2109	0.3334	0.0015	0.0005	-0.0017
angle: 41922	561528.52	0.1683	0.2103	0.3335	0.0010	-0.0001	-0.0016
angle: 41923	561533.63	0.1678	0.2101	0.3335	0.0006	-0.0003	-0.0016
angle: 41924	561538.73	0.1684	0.2103	0.3338	0.0012	0.0000	-0.0013
angle: 41925	561543.78	0.1682	0.2106	0.3342	0.0010	0.0002	-0.0010
angle: 41926	561548.80	0.1674	0.2094	0.3342	0.0002	-0.0010	-0.0009
angle: 41927	561553.87	0.1674	0.2096	0.3338	0.0001	-0.0008	-0.0013
angle: 41928	561558.88	0.1674	0.2104	0.3336	0.0002	0.0001	-0.0016
angle: 41929	561563.83	0.1679	0.2098	0.3336	0.0006	-0.0005	-0.0016
angle: 41930	561568.81	0.1676	0.2102	0.3337	0.0004	-0.0001	-0.0015
angle: 41931	561573.73	0.1675	0.2108	0.3337	0.0002	0.0004	-0.0014
angle: 41932	561578.68	0.1673	0.2092	0.3340	0.0001	-0.0012	-0.0011
angle: 41933	561583.68	0.1675	0.2102	0.3341	0.0002	-0.0001	-0.0011
angle: 41934	561588.64	0.1676	0.2100	0.3344	0.0004	-0.0003	-0.0007
angle: 41935	561593.55	0.1672	0.2099	0.3342	0.0000	-0.0004	-0.0010
angle: 41936	561598.46	0.1671	0.2092	0.3339	-0.0001	-0.0011	-0.0012
angle: 41937	561603.36	0.1669	0.2090	0.3341	-0.0003	-0.0013	-0.0010
angle: 41938	561608.27	0.1677	0.2096	0.3340	0.0004	-0.0007	-0.0012
angle: 41939	561613.18	0.1672	0.2089	0.3340	-0.0001	-0.0015	-0.0011

angle:	41940	561618.13	0.1669	0.2094	0.3339	-0.0003	-0.0010	-0.0012
angle:	41941	561623.02	0.1667	0.2098	0.3340	-0.0005	-0.0006	-0.0011
angle:	41942	561627.94	0.1667	0.2093	0.3344	-0.0005	-0.0011	-0.0007
angle:	41847	560589.35	0.1667	0.2110	0.3371	-0.0005	0.0006	0.0019
angle:	41848	560595.08	0.1665	0.2111	0.3371	-0.0008	0.0008	0.0020
angle:	41849	560600.81	0.1665	0.2098	0.3379	-0.0007	-0.0005	0.0027
angle:	41850	560606.54	0.1670	0.2108	0.3381	-0.0003	0.0004	0.0030
angle:	41851	560612.26	0.1674	0.2105	0.3383	0.0002	0.0001	0.0032
angle:	41852	560617.97	0.1677	0.2116	0.3387	0.0005	0.0013	0.0036
angle:	41853	560623.71	0.1677	0.2104	0.3386	0.0004	0.0000	0.0035
angle:	41854	560629.46	0.1674	0.2096	0.3390	0.0002	-0.0008	0.0039
angle:	41855	560635.20	0.1671	0.2104	0.3394	-0.0001	0.0000	0.0043
angle:	41856	560640.90	0.1672	0.2103	0.3389	0.0000	-0.0001	0.0038
angle:	41857	560646.60	0.1672	0.2113	0.3397	0.0000	0.0010	0.0045
angle:	41858	560652.40	0.1677	0.2113	0.3401	0.0004	0.0009	0.0050
angle:	41859	560658.22	0.1676	0.2105	0.3402	0.0004	0.0001	0.0050
angle:	41860	560663.99	0.1674	0.2107	0.3404	0.0002	0.0003	0.0053
angle:	41861	560669.73	0.1677	0.2106	0.3408	0.0004	0.0002	0.0057
angle:	41862	560675.46	0.1678	0.2106	0.3413	0.0005	0.0002	0.0062
angle:	41863	560681.24	0.1674	0.2105	0.3420	0.0002	0.0002	0.0069
angle:	41864	560687.02	0.1670	0.2104	0.3423	-0.0003	0.0000	0.0071
angle:	41865	560692.77	0.1669	0.2112	0.3420	-0.0003	0.0009	0.0069
angle:	41866	560698.44	0.1672	0.2103	0.3420	-0.0001	-0.0001	0.0069
angle:	41867	560704.06	0.1667	0.2096	0.3423	-0.0005	-0.0008	0.0072
angle:	41868	560709.60	0.1668	0.2108	0.3426	-0.0004	0.0005	0.0074
angle:	41869	560715.08	0.1668	0.2116	0.3430	-0.0005	0.0013	0.0079
angle:	41870	560720.58	0.1669	0.2111	0.3432	-0.0003	0.0007	0.0081
angle:	41823	560321.57	0.1670	0.2090	0.3307	-0.0002	-0.0013	-0.0045
angle:	41824	560327.34	0.1670	0.2092	0.3305	-0.0002	-0.0011	-0.0046
angle:	41825	560333.11	0.1665	0.2093	0.3300	-0.0008	-0.0011	-0.0051
angle:	41826	560338.98	0.1666	0.2090	0.3296	-0.0006	-0.0013	-0.0056
angle:	41827	560344.90	0.1657	0.2106	0.3298	-0.0015	0.0002	-0.0053
angle:	41828	560350.86	0.1665	0.2099	0.3302	-0.0007	-0.0005	-0.0049
angle:	41829	560356.80	0.1664	0.2095	0.3301	-0.0008	-0.0008	-0.0051
angle:	41830	560362.74	0.1659	0.2087	0.3297	-0.0013	-0.0017	-0.0054
angle:	41831	560368.69	0.1659	0.2098	0.3298	-0.0014	-0.0006	-0.0053
angle:	41832	560374.66	0.1661	0.2099	0.3298	-0.0011	-0.0004	-0.0054
angle:	41833	560380.61	0.1661	0.2099	0.3297	-0.0012	-0.0004	-0.0054
angle:	41834	560386.56	0.1663	0.2101	0.3300	-0.0010	-0.0003	-0.0051
angle:	41835	560392.51	0.1663	0.2101	0.3297	-0.0010	-0.0002	-0.0054
angle:	41836	560398.48	0.1661	0.2103	0.3294	-0.0012	-0.0001	-0.0057
angle:	41837	560404.35	0.1664	0.2102	0.3293	-0.0008	-0.0001	-0.0058
angle:	41838	560410.18	0.1665	0.2104	0.3292	-0.0007	0.0001	-0.0059
angle:	41839	560416.05	0.1662	0.2101	0.3287	-0.0011	-0.0003	-0.0064
angle:	41840	560421.90	0.1661	0.2102	0.3285	-0.0012	-0.0002	-0.0066
angle:	41841	560427.70	0.1667	0.2105	0.3288	-0.0006	0.0001	-0.0064
angle:	41842	560433.52	0.1674	0.2106	0.3294	0.0002	0.0002	-0.0057
angle:	41843	560439.30	0.1672	0.2098	0.3290	0.0000	-0.0005	-0.0061
angle:	41844	560445.08	0.1674	0.2107	0.3287	0.0002	0.0003	-0.0065
angle:	41845	560450.85	0.1672	0.2099	0.3286	-0.0001	-0.0005	-0.0066
angle:	41846	560456.61	0.1665	0.2100	0.3286	-0.0007	-0.0003	-0.0065
angle:	41799	560055.69	0.1690	0.2103	0.3409	0.0017	-0.0001	0.0057
angle:	41800	560061.41	0.1686	0.2111	0.3398	0.0013	0.0007	0.0047
angle:	41801	560067.13	0.1687	0.2107	0.3390	0.0014	0.0004	0.0038
angle:	41802	560072.84	0.1683	0.2103	0.3392	0.0010	0.0000	0.0041
angle:	41803	560078.53	0.1686	0.2106	0.3387	0.0014	0.0002	0.0035
angle:	41804	560084.22	0.1691	0.2100	0.3388	0.0019	-0.0004	0.0036
angle:	41805	560089.90	0.1683	0.2110	0.3386	0.0011	0.0006	0.0035
angle:	41806	560095.59	0.1685	0.2103	0.3384	0.0013	-0.0001	0.0033
angle:	41807	560101.33	0.1690	0.2098	0.3389	0.0017	-0.0005	0.0038
angle:	41808	560107.05	0.1685	0.2105	0.3390	0.0012	0.0002	0.0038
angle:	41809	560112.77	0.1681	0.2109	0.3386	0.0008	0.0005	0.0035
angle:	41810	560118.49	0.1685	0.2108	0.3382	0.0012	0.0005	0.0030
angle:	41811	560124.30	0.1686	0.2109	0.3375	0.0013	0.0005	0.0024
angle:	41812	560130.19	0.1688	0.2103	0.3377	0.0015	-0.0001	0.0026
angle:	41813	560136.11	0.1686	0.2103	0.3377	0.0014	0.0000	0.0026
angle:	41814	560142.04	0.1678	0.2101	0.3378	0.0005	-0.0003	0.0026
angle:	41815	560147.98	0.1683	0.2106	0.3379	0.0010	0.0002	0.0027
angle:	41816	560153.93	0.1679	0.2107	0.3378	0.0006	0.0003	0.0026
angle:	41817	560159.83	0.1681	0.2110	0.3378	0.0009	0.0007	0.0027
angle:	41818	560165.68	0.1679	0.2111	0.3380	0.0007	0.0008	0.0029
angle:	41819	560171.48	0.1680	0.2101	0.3381	0.0008	-0.0002	0.0029
angle:	41820	560177.23	0.1681	0.2106	0.3378	0.0008	0.0002	0.0026
angle:	41821	560182.97	0.1679	0.2100	0.3377	0.0006	-0.0003	0.0026
angle:	41822	560188.68	0.1681	0.2100	0.3378	0.0009	-0.0004	0.0027

Average Boresight Angles:

Roll: 0.1672 deg
Pitch: 0.2104 deg
Yaw: 0.3351 deg

Boresight Angle RMS:

Roll: 0.0009 deg
Pitch: 0.0009 deg
Yaw: 0.0046 deg

Success!!
Boresight Calculation finished