



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

B892

Details:

Below are the results of the Pair spectrometer paddle detector survey performed August 28, 2003. A right-handed coordinate system was established using the geometric centerline of the PrimeX magnet with +X to the beam left and +Y above centerline. The targets measured are on the upstream face of the detectors and are used to define the position. Values are in mm.

Detector target.	Z	X	Y
B1	1881.1	434.7	-0.7
B2	1864.5	403.2	-1.3
B3	1892.0	382.0	-2.0
B4	1873.9	351.5	-0.1
B5	1902.4	329.5	0.3
B6	1883.9	299.0	-2.6
B7	1911.8	275.8	0.9
B8	1894.5	244.2	-0.2
B9	1889.7	-245.7	-0.7
B10	1908.5	-274.8	1.0
B11	1879.3	-298.6	-0.9
B12	1896.6	-329.1	-0.6
B13	1870.4	-350.8	-2.5
B14	1889.6	-381.0	1.3
B15	1860.2	-404.5	-2.0
B16	1878.2	-433.4	1.1
F1	1411.8	323.8	-1.8
F2	1405.3	304.2	1.4
F3	1417.1	284.6	0.8
F4	1412.6	264.1	1.2
F5	1423.7	246.9	0.3
F6	1418.8	226.3	-1.0
F7	1430.7	207.1	1.3
F8	1425.9	186.2	0.3
F9	1431.4	-186.7	0.4
F10	1438.5	-205.6	0.5
F11	1425.2	-224.9	0.3
F12	1429.8	-245.9	1.3
F13	1417.0	-263.4	-2.6
F14	1422.6	-284.5	0.7
F15	1409.9	-304.0	0.5
F16	1414.1	-324.5	-0.5