



Jefferson Lab Alignment Group

Data Transmittal

TO: J.P. Chen, J. LeRose

DATE : Feb 18, 2003

FROM: C.J. Curtis

Checked:

DT_A844

Details:

Below are the results from the electron (left) and hadron (right) spectrometer surveys carried out on February 10th and 13th, 2003.

===== RESULTS ===== E021003A

The central ray of the spectrometer is at -24.994 degrees.
It is missing the defined target center by 1.06 mm upstream,
and 0.39 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at -25.002 degrees.

*.9PR : 0.119 *.3DD : 1.33

===== RESULTS ===== H021003A

The central ray of the spectrometer is at 25.018 degrees.
It is missing the defined target center by 3.12 mm downstream,
and 0.23 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 24.997 degrees.

*.9PR : 0.108 *.3DD : 1.71

===== RESULTS ===== E021303A

The central ray of the spectrometer is at -31.977 degrees.
It is missing the defined target center by 2.63 mm upstream,
and 0.25 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at -31.995 degrees.

*.9PR : 0.106 *.3DD : 1.03

===== RESULTS ===== H021303A

The central ray of the spectrometer is at 31.997 degrees.
It is missing the defined target center by 0.59 mm upstream,
and 0.31 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 32.001 degrees.

*.9PR : 0.102 *.3DD : 1.63