

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

**TO:** J. Gomez, D. Meekins, J. LeRose

**DATE:** 16 Oct 2001

**FROM:** C.J. Curtis

**Checked:**

**# :** A712

### DETAILS:

Below are the results from the Hadron spectrometer pointings carried out between October 11<sup>th</sup> and 15th, 2001.

===== RESULTS ===== H101101A

The central ray of the spectrometer is at 24.988 degrees.  
It is missing the defined target center by 3.08 mm downstream,  
and -0.03 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 24.967 degrees.

\*.9PR : 0.130          \*.3DD : 0.87

===== RESULTS ===== H101201A

The central ray of the spectrometer is at 12.625 degrees.  
It is missing the defined target center by 3.13 mm downstream,  
and -.69 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 12.604 degrees.

\*.9PR : 0.133          \*.3DD : 1.80

===== RESULTS ===== H101501A

The central ray of the spectrometer is at 74.999 degrees.  
It is missing the defined target center by 0.25 mm upstream,  
and 1.89 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 75.000 degrees.

\*.9PR : 0.113          \*.3DD : 2.42

===== RESULTS ===== H101501B

The central ray of the spectrometer is at 56.234 degrees.  
It is missing the defined target center by 2.66 mm downstream,  
and 0.82 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 56.216 degrees.

\*.9PR : 0.116          \*.3DD : 2.16