

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

**TO:** J. Arrington, J. Gomez, N. Liyanage, J. LeRose

**DATE:** May 21, 2002

**FROM:** Chris Curtis

**Checked:** # : A773

### DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) and the Hadron (right) arm on May 21<sup>st</sup>, 2002.

#### ===== RESULTS ===== E052102A

The central ray of the spectrometer is at -28.368 degrees.  
It is missing the defined target center by 1.70 mm upstream,  
and 0.46 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at -28.380 degrees.

\*.9PR : 0.112      \*.3DD : 1.24

#### ===== RESULTS ===== H052102A

The central ray of the spectrometer is at 64.981 degrees.  
It is missing the defined target center by 0.51 mm downstream,  
and 1.89 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 64.978 degrees.

\*.9PR : 0.114      \*.3DD : 1.52