

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

**TO:** P. Markowitz, J. Gomez, N. Liyanage, J LeRose

**DATE:** Mar 21, 2002

**FROM:** C. J. Curtis

**Checked:** # : A750

### DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Hadron (right) arm on March 19<sup>th</sup>, 2002.

===== RESULTS ===== H031902A

The central ray of the spectrometer is at 20.457 degrees.  
It is missing the defined target center by 0.31 mm downstream,  
and 0.25 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 20.455 degrees.

\*.9PR : 0.120      \*.3DD : 1.78

===== RESULTS ===== H031902B

The central ray of the spectrometer is at 44.662 degrees.  
It is missing the defined target center by 0.29 mm upstream,  
and 0.73 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 44.664 degrees.

\*.9PR : 0.109      \*.3DD : 1.45