

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

TO: J. Gomez, A. Saha, N. Liyanage, J. LeRose

DATE: 27 February 2001

FROM: C.J. Curtis

Checked:

# : A656

### DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron and Hadron arms on February 16.

#### ===== RESULTS ===== E021601A

The central ray of the spectrometer is at -34.430 degrees.  
It is missing the defined target center by 1.63 mm upstream,  
and .08 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at -34.441 degrees.

\*.3dd = 1.41

\*.9pr = 0.10

#### ===== RESULTS ===== H021601A

The central ray of the spectrometer is at 43.186 degrees.  
It is missing the defined target center by .19 mm upstream,  
and .84 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 43.187 degrees.

\*.3dd = 2.38

\*.9pr = 0.13