



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Doug Higinbotham, John LeRose

**DATE:** 27 Jul 2006

**FROM:** Steve Hardisty

**Checked:**

**# :** A1070

### DETAILS:

Below are the results from the electron (left) spectrometer, and the hadron (right) spectrometer. The electron surveys were carried out on 20<sup>th</sup> July and 26<sup>th</sup> July, 2006. The hadron survey was carried out on 19<sup>th</sup> July.

===== RESULTS ===== E072006A

The central ray of the spectrometer is at -89.986 degrees.  
It is missing the defined target center by 0.74 mm upstream,  
and 0.93 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 270.009 degrees.

\*.9PR : 0.153            \*.3DD : 1.75

===== RESULTS ===== E072606A

The central ray of the spectrometer is at -13.993 degrees.  
It is missing the defined target center by 1.57 mm upstream,  
and -0.01 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at -14.003 degrees.

\*.9PR : 0.165            \*.3DD : 2.23

===== RESULTS ===== H071906A

The central ray of the spectrometer is at 15.173 degrees.  
It is missing the defined target center by 2.85 mm downstream,  
and -0.13 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 15.154 degrees.

\*.9PR : 0.132            \*.3DD : 2.33