



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** J. Robertson, D. Kashy

**DATE:** 30 Aug 2007

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**Checked:** (jcd)

**# :** B1126

### DETAILS:

data: m:\align\calcs\hallb\ fwd\_car2007

The approximate location of the bolt holes in the tabs located on the Hall B Forward carriage are given below. This data was generated from an old AutoCAD file (created November 1994). The bolt holes were located using a standard survey target, and intersected by theodolites. The accuracy of the locations is +/- 3 millimeters. The origin is at the approximate center of the forward carriage docking ring, with +x dimension to the beam left relative to the forward carriage itself, +y in the vertical direction as shown again relative to the carriage, and +z in the direction of the dump (downstream). Units are millimeters.

Point	X	Y	Z
SF1	203	-5345	-1770
SF2	589	-5117	-1771
SF3	4184	-3022	-1759
SF4	4568	-2796	-1753
SF5	4751	-2505	-1749
SF6	4751	-2049	-1746
SF7	4753	2098	-1726
SF8	4760	2560	-1723
SF9	4580	2847	-1727
SF10	4186	3076	-1724
SF11	590	5153	-1735
SF12	194	5381	-1728
SF13	-148	5382	-1737
SF14	-544	5149	-1742
SF15	-4130	3066	-1770
SF16	-4529	2837	-1772
SF17	-4717	2556	-1777
SF18	-4713	2102	-1767
SF19	-4692	-2050	-1772
SF20	-4691	-2505	-1770
SF21	-4511	-2799	-1767
SF22	-4125	-3021	-1773
SF23	-530	-5108	-1772
SF24	-138	-5337	-1770

