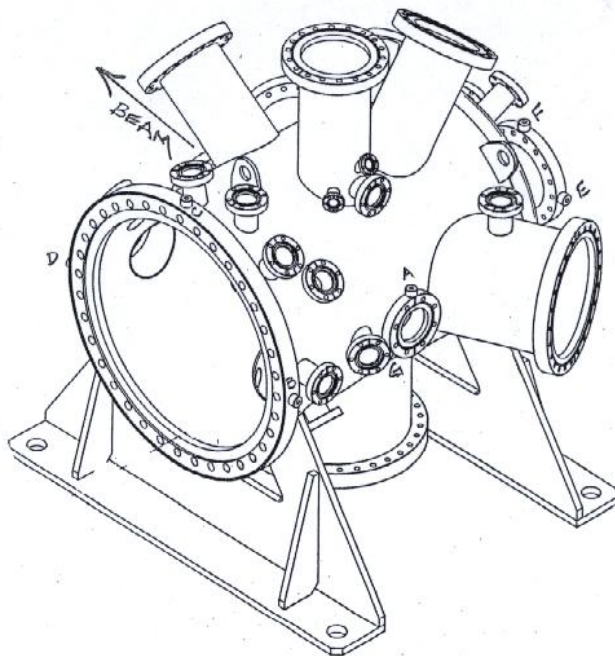


LCLS
 LUSI AMO
 HIFIELD PHYSICS STATION

5/09



	X	Y	Z
A	+ .062	+3.728	-6.971
B	+11.265	+ .002	-9.251
C	+11.290	+11.278	+2.033
D	+11.282	-1.008	+13.287
E	-16.542	-.022	-4.835
F	-16.541	+4.841	+1.018
G	+3.235	-1.866	-6.955

1" T/B's

	X	Y	Z
A	+ .041	+3.040	-6.970
B	+11.265	+ .016	-8.565
C	+11.288	+10.587	+2.026
D	+11.285	-1.001	+12.596
E	-16.543	-.017	-4.146
F	-16.545	+4.162	+1.015
G	+2.645	-1.512	-6.959

.313" T/B's

(X) -43.743

1" TOOLING BALL

$$\begin{array}{r} \text{A) } 26.186 \\ \quad 17.619 \\ \hline 43.805 \\ 43.743 \\ \hline \boxed{+0.062} \end{array}$$

$$\begin{array}{r} \text{B) } 9.605 \\ \quad 1.000 \\ \hline 10.605 \\ 21.870 \\ \hline \boxed{+11.265} \end{array}$$

$$\begin{array}{r} \text{C) } 9.580 \\ \quad 1.000 \\ \hline 10.580 \\ 21.870 \\ \hline \boxed{+11.290} \end{array}$$

$$\begin{array}{r} \text{D) } 9.588 \\ \quad 1.000 \\ \hline 10.588 \\ 21.870 \\ \hline \boxed{+11.282} \end{array}$$

$$\begin{array}{r} \text{E) } 26.201 \\ \quad 1.000 \\ \hline 27.201 \\ 43.743 \\ \hline \boxed{-16.542} \end{array}$$

$$\begin{array}{r} \text{F) } 26.202 \\ \quad 1.000 \\ \hline 27.202 \\ 43.743 \\ \hline \boxed{-16.541} \end{array}$$

$$\begin{array}{r} \text{G) } 29.359 \\ \quad 17.619 \\ \hline 46.978 \\ 43.743 \\ \hline \boxed{+3.235} \end{array}$$

$$\begin{array}{r} \text{A) } 26.165 \\ \quad 17.619 \\ \hline 43.784 \\ 43.743 \\ \hline \boxed{+0.041} \end{array}$$

$$\begin{array}{r} \text{B) } 9.605 \\ \quad 1.000 \\ \hline 10.605 \\ 21.870 \\ \hline \boxed{+11.265} \end{array}$$

$$\begin{array}{r} \text{C) } 9.582 \\ \quad 1.000 \\ \hline 10.582 \\ 21.870 \\ \hline \boxed{+11.288} \end{array}$$

.3125" T(B)

$$\begin{array}{r} \text{D) } 9.585 \\ \quad 1.000 \\ \hline 10.585 \\ 21.870 \\ \hline \boxed{+11.285} \end{array}$$

$$\begin{array}{r} \text{E) } 26.200 \\ \quad 1.000 \\ \hline 27.200 \\ 43.743 \\ \hline \boxed{-16.543} \end{array}$$

$$\begin{array}{r} \text{F) } 26.198 \\ \quad 1.000 \\ \hline 27.198 \\ 43.743 \\ \hline \boxed{-16.545} \end{array}$$

$$\begin{array}{r} \text{G) } 28.769 \\ \quad 17.619 \\ \hline 46.388 \\ 43.743 \\ \hline \boxed{+2.645} \end{array}$$

$$\begin{array}{r} -43.743 \text{ LOS} \\ \quad 1.000 \text{ REF. BLADE} \\ \hline 44.743 = \text{E} \end{array}$$

$$\begin{array}{r} 65.600 \\ 66.188 \\ 67.000 \\ \hline 66.775 \end{array}$$

$$\begin{array}{r} 66.613 = 21.870 \text{ LOS FOR B, C, D} \\ 44.743 \\ \hline 21.870 \end{array}$$

LCLS
LUIS AMO

5-5-09

HI FIELD PHYSICS STA.

M.R., L.G.

1" TOOLING BALL

Y +22.196

$$\begin{array}{r} \text{A) } 17.468 \\ \hline 1. \text{---} \\ \hline 18.468 \\ 22.196 \\ \hline \boxed{+3.728} \end{array}$$

$$\begin{array}{r} \text{B) } 21.194 \\ \hline 1. \text{---} \\ \hline 22.194 \\ 22.196 \\ \hline \boxed{+0.002} \end{array}$$

$$\begin{array}{r} \text{C) } 9.918 \\ \hline 1. \text{---} \\ \hline 10.918 \\ 22.196 \\ \hline \boxed{+11.278} \end{array}$$

$$\begin{array}{r} \text{D) } 21.204 \\ \hline 1. \text{---} \\ \hline 22.204 \\ 22.196 \\ \hline \boxed{-0.008} \end{array}$$

$$\begin{array}{r} \text{E) } 21.218 \\ \hline 1. \text{---} \\ \hline 22.218 \\ 22.196 \\ \hline \boxed{-0.022} \end{array}$$

$$\begin{array}{r} \text{F) } 16.105 \\ \hline 1.250 \\ \hline 17.355 \\ 22.196 \\ \hline \boxed{+4.841} \end{array}$$

$$\begin{array}{r} \text{G) } 13.185 \\ \hline 10.877 \\ \hline 24.062 \\ 22.196 \\ \hline \boxed{-1.866} \end{array}$$

F
12.528

G
10.877

.313 T/B

$$\begin{array}{r} \text{A) } 18.156 \\ \hline 1. \text{---} \\ \hline 19.156 \\ 22.196 \\ \hline \boxed{+3.040} \end{array}$$

$$\begin{array}{r} \text{B) } 21.180 \\ \hline 1. \text{---} \\ \hline 22.180 \\ 22.196 \\ \hline \boxed{+0.016} \end{array}$$

$$\begin{array}{r} \text{C) } 10.607 \\ \hline 1. \text{---} \\ \hline 11.607 \\ 22.196 \\ \hline \boxed{+10.589} \end{array}$$

$$\begin{array}{r} \text{D) } 21.197 \\ \hline 1. \text{---} \\ \hline 22.197 \\ 22.196 \\ \hline \boxed{-0.001} \end{array}$$

$$\begin{array}{r} \text{E) } 21.213 \\ \hline 1. \text{---} \\ \hline 22.213 \\ 22.196 \\ \hline \boxed{-0.017} \end{array}$$

$$\begin{array}{r} \text{F) } 16.784 \\ \hline 1.250 \\ \hline 18.034 \\ 22.196 \\ \hline \boxed{+4.162} \end{array}$$

$$\begin{array}{r} \text{G) } 12.831 \\ \hline 10.877 \\ \hline 23.708 \\ 22.196 \\ \hline \boxed{-1.512} \end{array}$$

TOP
6.740
BOT
12.046

HI FIELD PHYSICS STA.

(E)
$$\begin{array}{r} 21.252 \\ 5.983 \text{ RAD. BOT. FL.} \\ \hline -27.235 \end{array}$$

$$\begin{array}{r} \text{TOP FL} \\ 27.235 \\ 3.370 \text{ RAD} \\ \hline 23.865 \text{ S/R} \\ 23.794 \\ \hline \boxed{-0.071} \end{array}$$

1" T/B

A)
$$\begin{array}{r} 19.264 \\ 1. \\ \hline 20.264 \\ 27.235 \\ \hline \boxed{-6.971} \end{array}$$

B)
$$\begin{array}{r} 16.984 \\ 1. \\ \hline 17.984 \\ 27.235 \\ \hline \boxed{-9.251} \end{array}$$

C)
$$\begin{array}{r} 28.268 \\ 1. \\ \hline 29.268 \\ 27.235 \\ \hline \boxed{+2.033} \end{array}$$

D)
$$\begin{array}{r} 23.038 \text{ B-D} \\ -1.500 \\ \hline 22.538 \\ 9.251 \\ \hline \boxed{+13.287} \end{array}$$

E)
$$\begin{array}{r} 21.400 \\ 1. \\ \hline 22.400 \\ 27.235 \\ \hline \boxed{-4.835} \end{array}$$

F)
$$\begin{array}{r} 26.253 \\ 1. \\ \hline 27.253 \\ 27.235 \\ \hline \boxed{+0.018} \end{array}$$

G)
$$\begin{array}{r} 19.280 \\ 1. \\ \hline 20.280 \\ 27.235 \\ \hline \boxed{-6.955} \end{array}$$

.3125" T/B

A)
$$\begin{array}{r} 19.265 \\ 1. \\ \hline 20.265 \\ 27.235 \\ \hline \boxed{-6.970} \end{array}$$

B)
$$\begin{array}{r} 17.670 \\ 1. \\ \hline 18.670 \\ 27.235 \\ \hline \boxed{-8.565} \end{array}$$

C)
$$\begin{array}{r} 28.261 \\ 1. \\ \hline 29.261 \\ 27.235 \\ \hline \boxed{+2.026} \end{array}$$

D)
$$\begin{array}{r} 21.661 \text{ B-D} \\ 1.500 \\ \hline 21.161 \\ 8.565 \\ \hline \boxed{+12.596} \end{array}$$

E)
$$\begin{array}{r} 22.089 \\ 1. \\ \hline 23.089 \\ 27.235 \\ \hline \boxed{-4.146} \end{array}$$

F)
$$\begin{array}{r} 26.250 \\ 1. \\ \hline 27.250 \\ 27.235 \\ \hline \boxed{+0.015} \end{array}$$

G)
$$\begin{array}{r} 19.276 \\ 1. \\ \hline 20.276 \\ 27.235 \\ \hline \boxed{-6.959} \end{array}$$

9242444
ACCT#

LCLS
LUSI AMO
HIFIELD PHYSICS STA.

5-4-09
M.R., L.G.

(Y)

u/s) 2.232 D/s) 2.984
16.478
19.462

4.464 U/S FLANGE
5.968 O/S FLANGE

Roll (+) SIDE MOUNTN FL.

u/s) 11.073

D/s) 11.073

Top) 11.077

Bot) 11.077

19.967 2.734 ✓

19.964 READ 2.734 READ

2.232 RAD. 16.478 offset ft
22.196 19.212
2.984
22.196

(X)

O/s) 2.984R
u/s) 2.232R

25.000 + 16.478
~~25.565~~ " "
24.000 " "
24.819 " "
24.264
25.020
24.281
25.033 ✓

BOT
11.965

27.265 + 16.478 = 43.743 LOS

SETTING SKINNER

(Z)

-27.235 LOS
1.000 REF. B
28.235 = C

10.000 = C

+ .411 2.036

+ .002

(Y)

55.795
22.196

33.599 = C

10.000 = C

0