

SSRL
BL14 MOVEABLE MASK
LAB DATA

5-14-07
J.M., L.G.

(X) +35.219 LOS

$ \begin{array}{r} 29.170 \\ A) \ 29.203 \\ \underline{1.000} \\ 30.203 \\ 35.219 \\ \boxed{+5.016} \end{array} $	$ \begin{array}{r} 29.229 \\ B) \ 29.185 \\ \underline{1.000} \\ 30.185 \\ 35.219 \\ \boxed{+5.034} \end{array} $	$ \begin{array}{r} C) \ 10.471 \quad (A-C) \\ \underline{1.500} \\ 9.971 \\ 5.016 \\ \boxed{-4.955} \end{array} $
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$ \begin{array}{r} D) \ 10.466 \\ \underline{1.500} \\ 9.966 \\ 5.034 \\ \boxed{-4.932} \end{array} $	$ \begin{array}{r} (B-D) \ E) \ 27.680 \\ \underline{1.000} \\ 28.680 \\ 35.219 \\ \boxed{+6.539} \end{array} $	$ \begin{array}{r} F) \ \text{---} \end{array} $
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(Z) 31.936 to U/S FACE
 .566 to APERTURE
 - 32.496 LOS

UPDATED 5-15-07

$ \begin{array}{r} A) \ 25.472 \\ \underline{1.000} \\ 26.472 \\ 32.496 \\ \boxed{-6.024} \end{array} $	$ \begin{array}{r} B) \ 10.475 \quad (A-B) \\ \underline{1.500} \\ 9.975 \\ 6.024 \\ \boxed{+3.951} \end{array} $	$ \begin{array}{r} C) \ 25.458 \\ \underline{1.000} \\ 26.458 \\ 32.496 \\ \boxed{-6.038} \end{array} $
$ \begin{array}{r} D) \ 10.475 \quad (C-D) \\ \underline{1.500} \\ 9.975 \\ 6.038 \\ \boxed{+3.937} \end{array} $	$ \begin{array}{r} E) \ 26.472 \\ \underline{1.000} \\ 27.472 \\ 32.496 \\ \boxed{-5.024} \end{array} $	$ \begin{array}{r} F) \ 26.456 \\ \underline{1.000} \\ 27.456 \\ 32.496 \\ \boxed{-5.040} \end{array} $

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② AFTER GETTING PITCH & YAW ON MASK

$$\begin{array}{r} A) -6.024 (B4) \quad 5-14-07 \\ -6.055 (AFTER) \quad 5-15-07 \\ \hline -0.031 \Delta \end{array}$$

A) -6.055

B) +3.951
(-) .031

$$\boxed{+3.920}$$

C) -6.038
(-) .031

$$\boxed{-6.069}$$

D) +3.937
(-) .031

$$\boxed{+3.906}$$

E) -5.024
(-) .031

$$\boxed{-5.055}$$

F) -5.040
(-) .031

$$\boxed{-5.071}$$

SSRL
BL 14 MOVEABLE MASK
LAB DATA

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(Y) + 11.901 HI

$$\begin{array}{r} \text{A) } 16.594 \\ 1.000 \\ \hline 17.594 \\ 11.901 \\ \hline \boxed{-5.693} \end{array}$$

$$\begin{array}{r} \text{B) } 16.603 \\ 1.000 \\ \hline 17.603 \\ 11.901 \\ \hline \boxed{-5.702} \end{array}$$

$$\begin{array}{r} \text{C) } 16.614 \\ 1.000 \\ \hline 17.614 \\ 11.901 \\ \hline \boxed{-5.713} \end{array}$$

$$\begin{array}{r} \text{D) } 16.615 \\ 1.000 \\ \hline 17.615 \\ 11.901 \\ \hline \boxed{-5.714} \end{array}$$

E) —

$$\begin{array}{r} \text{F) } 18.120 \\ 1.000 \\ \hline 19.120 \\ 11.901 \\ \hline \boxed{-7.219} \end{array}$$

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Y

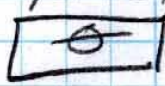
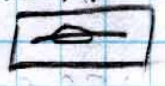
PITCH ON u/s & o/s INSERTS

	5.788R		3.370
u/s)	6.113	o/s)	8.531
	5.788R		3.370
	<u>11.901</u>		<u>11.901</u>

DIA.
11.575 u/s
6.740 o/s

$\bar{M} = 11.901 HI$

Roll top FLANGE
(+)
(-) .880

	22.370 REF	<u>Bottom</u>	<u>TOP</u>
	11.901 HI	10.469	10.469
	<u>10.469 = ϕ</u>	- .473	+ .473
		<u>9.996 s/r</u>	<u>10.942 s/r</u>
			

Y

3.370R
5.788R

30.000
27.773
34.000
31.385

31.969 s/r
29.551 s/r

YAW ON MASK

(+) (-)

 .903

31.734 31.937

31.848
29.432

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MOVER T/B'S E&H

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Y) B) 24.885 D) 24.898

$$\begin{array}{r} 24.885 \\ + 1.000 \\ \hline 25.885 \\ (-) 5.702 \\ \hline 20.183 \end{array}$$

$$\begin{array}{r} 24.898 \\ + 1.000 \\ \hline 25.898 \\ (-) 5.714 \\ \hline 20.184 \end{array}$$

$\bar{M} = 20.184HF$

UP

G) 1.756 H) 1.788

$$\begin{array}{r} 1.756 \\ + 1.000 \\ \hline 2.756 \\ - 20.184 \\ \hline +17.428 \end{array}$$

$$\begin{array}{r} 1.788 \\ + 1.000 \\ \hline 2.788 \\ - 20.184 \\ \hline +17.396 \end{array}$$

DOWN

G) 4.351 H) 4.401

$$\begin{array}{r} 4.351 \\ + 1.250 \\ \hline 5.601 \\ - 4.401 \\ \hline +1.200 \end{array}$$

$$\begin{array}{r} 4.401 \\ + 2.756 \\ \hline 7.157 \\ - 5.601 \\ \hline +1.556 \end{array}$$

X) 38.000 Buckin
 $19.782 = \text{E}$

$$\begin{array}{r} 38.000 \\ - 19.782 \\ \hline +18.218 \text{ LOS} \end{array}$$

G) 13.622 H) 7.708 (G-H)

$$\begin{array}{r} 13.622 \\ + 1.000 \\ \hline 14.622 \\ - 18.218 \\ \hline +3.596 \end{array}$$

$$\begin{array}{r} 7.708 \\ + 1.500 \\ \hline 9.208 \\ - 5.596 \\ \hline -3.612 \end{array}$$

Z) -26.218 LOS

A) 19.163

$$\begin{array}{r} 19.163 \\ + 1.000 \\ \hline 20.163 \\ - 26.218 \\ \hline -6.055 \end{array}$$

G) 13.545 H) 13.651

$$\begin{array}{r} 13.545 \\ + 12.528 \\ \hline 26.073 \\ - 26.218 \\ \hline -.145 \end{array}$$

$$\begin{array}{r} 13.651 \\ + 12.528 \\ \hline 26.179 \\ - 26.218 \\ \hline -.039 \end{array}$$

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(X)

3,370R
5,788R
31,387
29,015
32,500
30,017
31,848
29,430
+ 35,218LOS

34,791
5,788
31,003
31,421R
31,387

A) 29,200
1,000
30,200
35,218
+ 5,018

B) 29,210
1,000
30,210
35,218
+ 5,008

C) 10,471 (A-C)
1,500
9,971
5,018
- 4,953

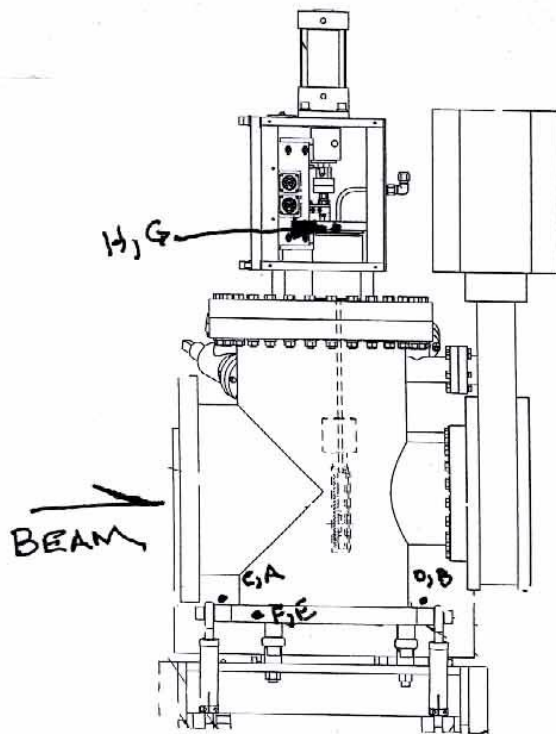
D) 10,466
1,500
9,966
5,008
- 4,958

E) 27,680
1,000
28,680
35,218
+ 6,538

F) —

SSRL
BL14 MOVEABLE MASK

5/07



	X	Y	Z
A	+5.018	-5.693	-6.055
B	+5.008	-5.702	+3.920
C	-4.953	-5.713	-6.069
D	-4.958	-5.714	+3.906
E	+6.538	—	-5.055
F	—	-7.219	-5.071
G	+3.596	+17.428	-.145
H	-3.612	+17.396	-.039