

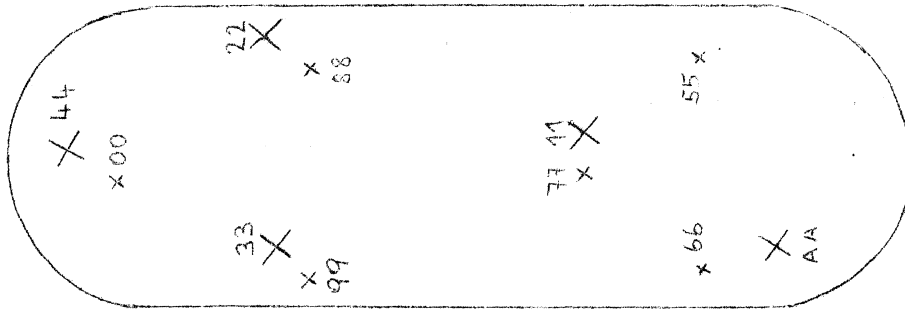
Chamber Constants for 80 cm HBC Runs
(8 GeV/c π^+ , 10 GeV/c p, 6 GeV/c K^- , Feb. 64)

Reference plane 0. CM. in front of plane of front Fiducial Marks

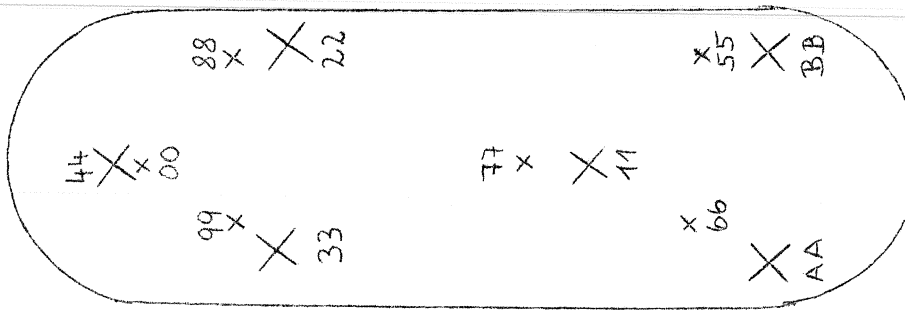
Accuracy of apparent fiducial mark determination		0.00100 CM.
Accuracy of camera position		0.00100 CM.
Ratio of jep measurements to length on photograph		1 to 1
Number of media between camera and front fiducial marks		2
Number of media between front and back fiducial marks		1
Number of front and back fiducial marks		4(6), 6
Number of cameras		3
Refractive indices and thicknesses of media		1.000 87.819
		1.525 11.100
		1.100 31.600
X and Y coordinates of fiducial marks	11	-0.078 -0.276
	22	17.053 -8.897
	33	16.909 8.364
	44	30.029 -0.162
		(AA Front -14.960 8.214)
		(BB Front -14.943 -9.053)
	55	-14.886 -8.698
	66	-14.905 8.584
	77	0. 0.
	88	14.981 -8.704
	99	15.049 8.547
	00	30.038 0.

X and Y coordinates of fiducial marks	11	9679.	1451.
measured on jep	22	2577.	5072.
camera 1	33	2522.	-2142.
	44	-2919.	1520.
	55	14455.	2683.
	66	14424.	-2868.
	77	9656.	- 78.
	88	4864.	2752.
	99	4809.	-2784.
	00	2.	0.
	11	12213.	71.
	22	5071.	3640.
camera 2	33	5061.	-3574.
	44	- 391.	47.
	55	14475.	2792.
	66	14491.	-2774.
	77	9657.	- 7.
	88	4836.	2789.
	99	4815.	-2745.
	00	5.	0.
	11	9657.	-1463.
	22	2564.	2163.
camera 3	33	2489.	-5047.
	44	-2942.	-1402.
	55	14453.	2677.
	66	14424.	-2875.
	77	9656.	- 72.
	88	4874.	2758.
	99	4799.	-2779.
	00	2.	0.

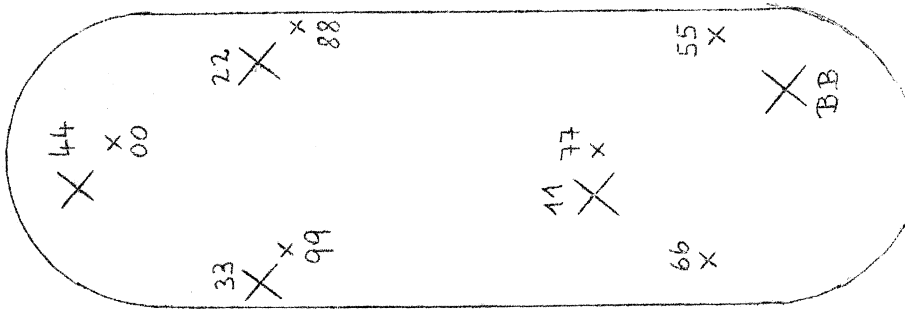
1 unit $\hat{=}$ 2.79 μ



↑
VIEW 1



↑
VIEW 2



↑
VIEW 3