Approved For Release 2002/10/16 : CIA-RDP67B00511R000100140002-4

OSA - 4180-64

4 September 1964
Ref. 136-066

Dear Jack,

25X1A With reference to TWX [redacted] and TWX [redacted] we are enclosing 25X1A three sets of the information to supplement Memo for Record MGH 312, dated 29 August 1961. [redacted] does not believe that an equation can be provided. 25X1A We are providing two graphs and two sets of tables to describe the uncompensated rotation velocity for Cameras A & B. These tables are different from Figure 14 in the aforementioned memo. Plus and minus signs were transposed in the original figure, making the curves incorrect. The enclosed curves accurately describe the present camera system.

We are also enclosing a chart which lists the computer programs that were used for the present camera system. During a visit here on 12, 13 March 25X1A 1964, [redacted] was supplied with copies of the programs, related data and pertinent MGH memos for record. This chart identifies the correct programs and the memos define the program terms.

25X1A As suggested in the TWX [redacted] if a meeting at this site would provide better understanding of the problems, we will be most happy to arrange it at your convenience.

[redacted] 25X1A

Don R.

DPR:mgs
Encls. (3)

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"A" Unit

Program 210 Data

Time	R/V/H	Y/H
-2.823	-.30537	2.64509
-2.705	-.29429	2.29426
-2.587	-.28229	2.01454
-2.469	-.26943	1.78528
-2.351	-.25579	1.59310
-2.233	-.24145	1.42894
-2.115	-.22650	1.28644
-1.997	-.21104	1.16101
-1.879	-.19516	1.04923
-1.761	-.17898	.94854
-1.643	-.16262	.85692
-1.525	-.14621	.77282
-1.408	-.12987	.69498
-1.290	-.11375	.62237
-1.172	-.09801	.55418
-1.055	-.08279	.48969
-.937	-.06827	.42832
-.820	-.05461	.36956
-.702	-.04201	.31298
-.585	-.03055	.25819
-.468	-.02074	.20485
-.351	-.01249	.15264
-.233	-.00612	.10127
-.116	-.00187	.05048
.000	.00000	.00000
.116	-.00079	-.05042
.233	-.00464	-.10105
.350	-.01187	-.15213
.467	-.02282	-.20393
.584	-.03785	-.25673
.700	-.05736	-.31085
.817	-.08179	-.36660
.933	-.11160	-.42437
1.050	-.14734	-.48456
1.166	-.18959	-.54766
1.283	-.23902	-.61423
1.399	-.29638	-.68492
1.516	-.36256	-.76051
1.632	-.43858	-.84195

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"B" Unit

Time	R/V/H	Y/H
-2.799	.30318	-2.54500
-2.682	.29162	-2.21507
-2.565	.27914	-1.95068
-2.448	.26580	-1.73307
-2.332	.25170	-1.55001
-2.215	.23692	-1.39313
-2.099	.22155	-1.25656
-1.982	.20571	-1.13602
-1.865	.18950	-1.02833
-1.749	.17304	-.93108
-1.632	.15645	-.84240
-1.516	.13988	-.76080
-1.399	.12345	-.68510
-1.283	.10732	-.61434
-1.166	.09165	-.54773
-1.050	.07660	-.48460
-.933	.06233	-.42439
-.817	.04903	-.36661
-.700	.03689	-.31085
-.584	.02610	-.25674
-.467	.01687	-.20393
-.350	.00941	-.15213
-.233	.00395	-.10105
-.116	.00073	-.05042
.000	.00000	.00000
.116	.00212	.05048
.233	.00743	.10127
.351	.01626	.15264
.468	.02894	.20485
.585	.04584	.25819
.702	.06737	.31298
.820	.09395	.36956
.937	.12607	.42831
1.055	.16428	.48968
1.172	.20916	.55417
1.290	.26142	.62238
1.407	.32183	.69498
1.525	.39131	.77284
1.643	.47093	.85697

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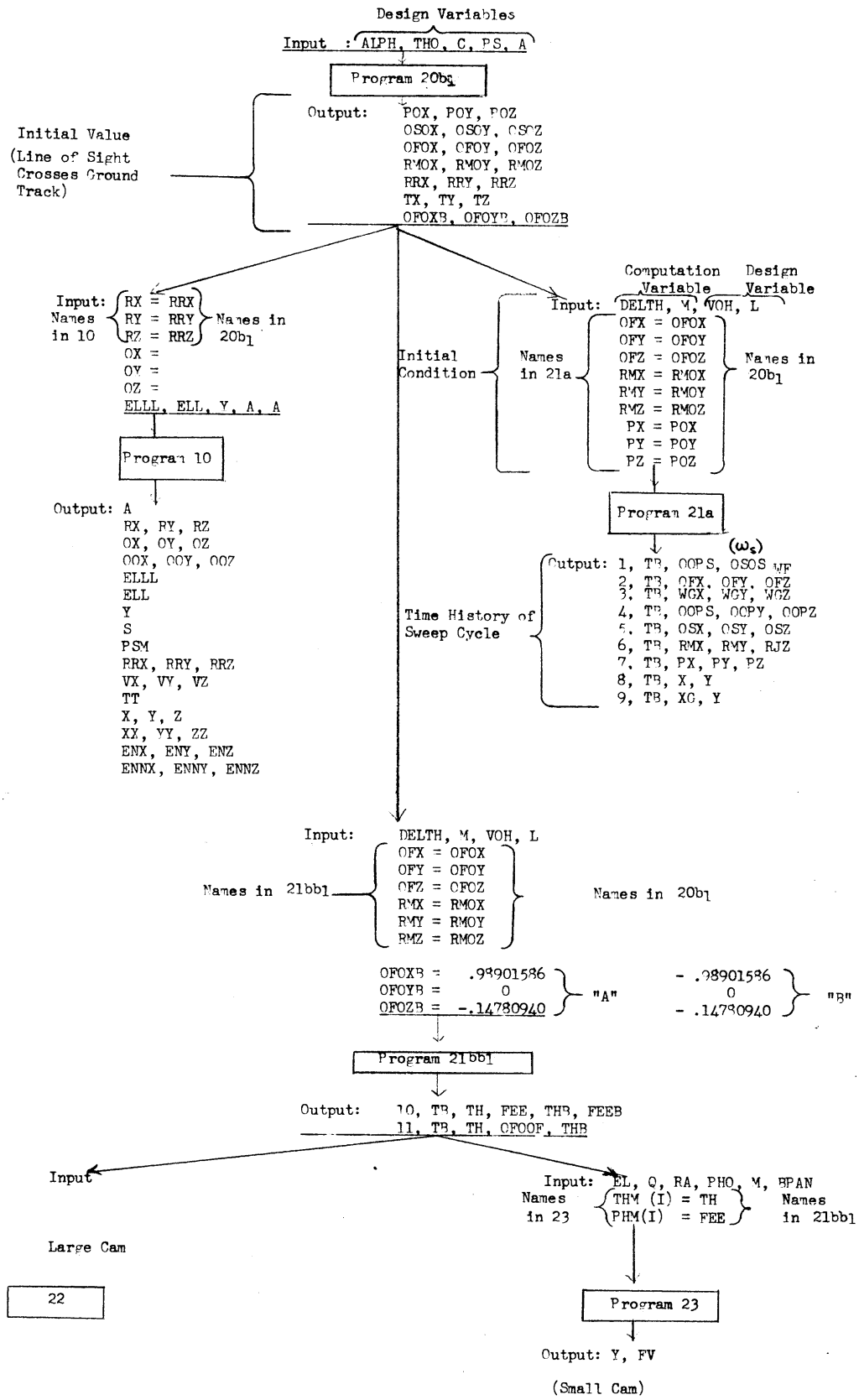

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5-25-64 DCB

UNCOMPENSATED ROTATIONAL VELOCITY

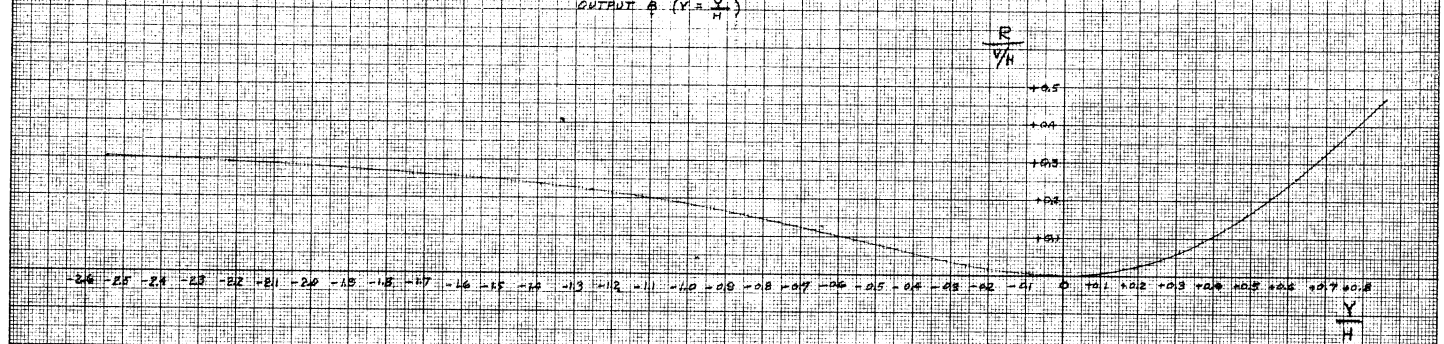
TYPE II-C

"B" UNIT -

PLOTTED FROM DATA FROM COMPUTER PROGRAM 210

OUTPUT 1 (OOPS = $\frac{R}{V/H}$)

OUTPUT 8 ($Y = \frac{Y}{H}$)



K+E 10 X 10 TO THE CM. 359-14L KEUFFEL & ESSER CO. MADE IN U.S.A.

8-25-64 DCB

UNCOMPENSATED ROTATIONAL VELOCITY

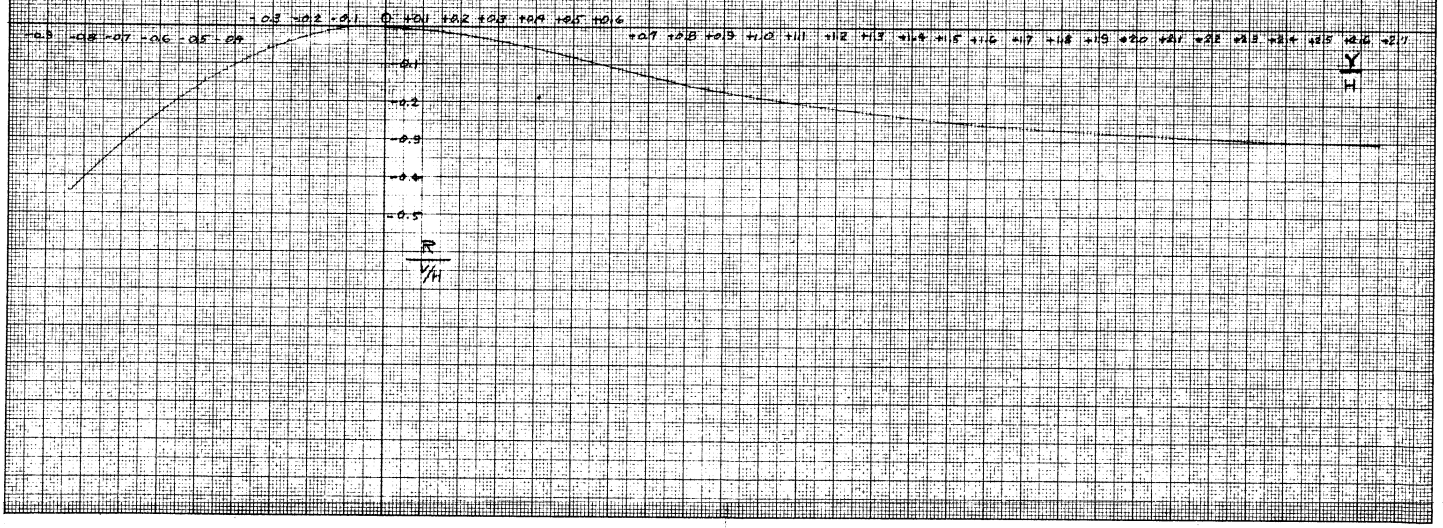
TYPE II-C

'A UNIT

PLOTTED FROM DATA FROM COMPUTER PROGRAM 21.01

OUTPUT 1 $\left(\text{OQPS} = \frac{R}{V/H}\right)$

OUTPUT 8 $\left(Y = \frac{Y}{H}\right)$



K&E 10 X 10 TO THE CM. 359-14L KEUFFEL & ESSER CO. MADE IN U.S.A.