

CONFIDENTIAL

22 September 1966

ACCURACY DETERMINATION OF [REDACTED] LIGHT TABLE # 2

25X1A

1. Date: 21 September 1966 Time: 1340 to 1430
2. Evaluator: [REDACTED]
3. Test Grid: NBS # 5391 (line width $\approx 15\mu$)
4. Warm Up Time: 4 hours (Grid in contact with table)
5. Alignment Method: Edge Matching
6. Microscope: [REDACTED]
(with cross hair in eyepiece with line width of $\approx 6\mu$)
7. Magnification: 60X (10X eyepieces)

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Declass Review by NIMA / DoD

Grid Line	X-X Motion (CM)	Y-Y Motion (CM)
	Reading on Micrometer *	Reading on Micrometer *
39	0.843	
35	4.843	0.155
30	9.844	4.155
25	14.844	9.155
20	19.845	14.155
15	24.846	19.155
10	29.846	24.157
9	30.846	29.158
8	31.846	30.158
7	32.846	31.157
6	33.846	32.156
5	34.846	33.156
4	35.846	34.156
3	36.846	35.157
2	37.846	36.157
1	38.846	37.157
0	39.846	38.157
		39.156

* These readings were found by the statistical method of taking at least 5 individual readings at each grid line indicated. The recorded reading appeared at least 3 out of the 5 times

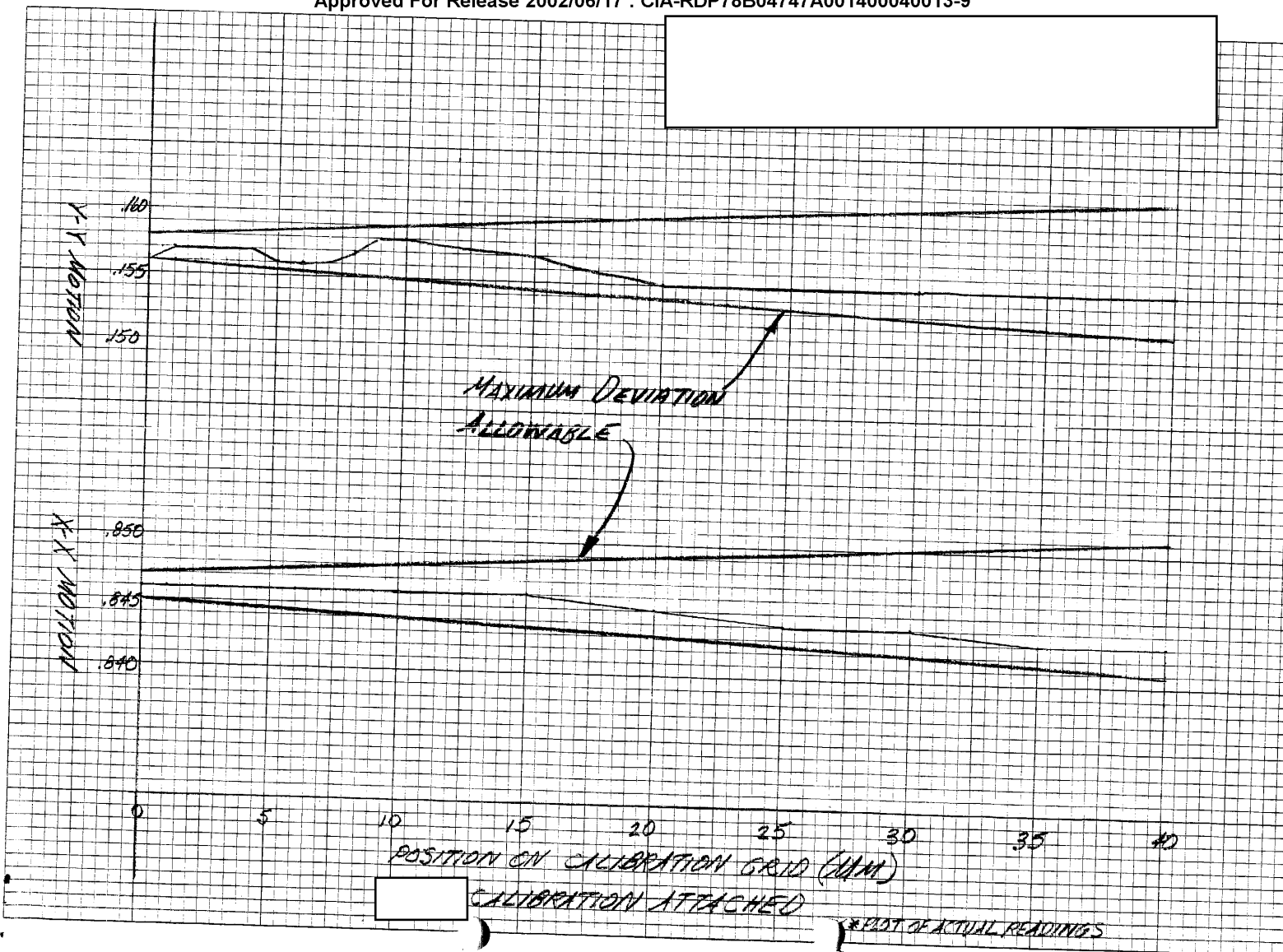
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GROUP 1
Excluded from automatic
downgrading and
declassification

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