

2025 RELEASE UNDER E.O. 14176

Q7A7:40:30
12:11:00

$$11 + 30\frac{1}{2} = 2.508$$

$$\Sigma \text{ tot.} = 841$$

$$bg = \left(\frac{12+5}{2}\right)(3) = 22$$

$$pk = 819$$

$$cpm(RD) = \frac{205}{.9745} = 210$$

$$\mu g \text{ Sb} = \frac{210}{3.1} = 68$$

$$\% \text{ Sb} = \frac{68}{10000} = .68\%$$

Q7B7:40:30
12:16:00

$$11 + 35\frac{1}{2} = 2.592 \text{ hr.}$$

$$\Sigma \text{ tot.} = 785$$

$$bg = \left(\frac{8+2}{2}\right)(3) = 15$$

$$pk = 770$$

$$cpm(RD) = \frac{193}{.9736} = 198$$

$$\mu g \text{ Sb} = \frac{193}{3.1} = 62$$

$$\% \text{ Sb} = \frac{62}{8420} = .74\%$$

Q7C7:40:30
12:24:00

$$11 + 40\frac{1}{2} = 2.675 \text{ hr.}$$

$$\Sigma \text{ tot.} = 870$$

$$bg = 30$$

$$pk = 840$$

$$cpm(RD) = \frac{210}{.9728} = 216$$

$$\mu g \text{ Sb} = \frac{216}{3.1} = 70$$

$$\% \text{ Sb} = \frac{70}{9750} = .72\%$$

$$\text{avg of Q7} = .71\%$$

Envelope #5

Q7A, B, C

~~Back to photo~~
unit

62-109060 SE

RED LINE MAT

2025 RELEASE UNDER E.O. 14176

1278	109	51	45	104	4	3	3	1	0	1	0	0	0	0	0	0
1	123	33	40	26	2	4	2	5	2	2	1	0	0	0	0	0
10	133	79	50	33	3	3	2	5	0	1	1	0	0	0	0	0
215	102	46	58	11	4	3	2	3	0	2	1	0	0	0	0	0
422	114	30	38	10	3	4	3	2	0	2	1	0	0	0	0	0
922	132	42	32	12	5	5	3	3	0	1	1	0	0	0	0	0
1492	121	51	37	10	2	4	4	2	2	1	1	0	0	0	0	0
211	14	58	39	15	4	3	3	3	1	3	0	0	0	0	0	0
185	164	43	35	7	4	3	3	3	1	3	0	0	0	0	0	0
150	102	57	38	7	3	3	2	3	2	4	1	0	0	0	0	0
150	125	74	39	15	3	3	2	3	3	4	3	0	0	0	0	0
179	43	59	10	12	2	0	0	0	0	1	3	0	0	0	0	0
148	107	48	27	7	2	0	0	0	0	0	0	0	0	0	0	0
139	103	65	35	10	4	2	0	3	1	0	0	0	0	0	0	0
150	104	65	26	15	3	2	2	2	3	1	3	0	0	0	0	0
151	105	60	31	17	3	0	0	0	0	0	2	0	0	0	0	0
118	77	59	28	11	2	0	0	1	3	5	1	0	0	0	0	0
120	97	45	34	16	4	4	1	1	2	2	1	0	0	0	0	0
130	93	50	23	10	3	1	1	0	0	0	0	0	0	0	0	0
119	83	55	21	9	2	3	2	1	1	2	1	0	0	0	0	0
121	83	42	29	16	2	2	0	0	0	0	0	0	0	0	0	0
130	104	70	29	11	1	2	2	1	0	2	1	0	0	0	0	0
122	108	46	17	18	4	0	0	0	1	1	0	0	0	0	0	0
125	104	46	20	13	3	0	2	2	2	0	0	0	0	0	0	0
125	95	57	22	13	3	2	2	2	3	1	1	0	0	0	0	0
116	99	59	22	17	5	1	1	1	0	1	1	0	0	0	0	0
127	101	55	17	325	20	1	1	1	4	0	0	4	0	0	0	0
112	107	48	24	394	21	3	1	1	1	2	1	0	0	0	0	0
136	83	52	20	151	9	3	1	1	1	0	0	0	0	0	0	0
120	89	61	20	24	7	3	2	2	1	0	0	0	0	0	0	0
147	96	54	25	8	1	2	1	1	1	2	0	0	0	0	0	0
118	102	59	15	3	5	1	1	1	3	0	1	1	0	0	0	0
145	78	52	28	5	2	3	1	1	1	2	1	1	0	0	0	0
148	91	50	19	4	2	3	3	3	1	1	1	0	0	0	0	0
125	91	63	16	0	3	2	5	1	1	1	0	0	0	0	0	0
158	42	57	20	4	3	3	5	1	1	3	2	1	0	0	0	0
148	90	81	14	6	5	3	2	2	1	0	1	0	0	0	0	0
166	74	48	19	6	0	5	5	2	1	0	0	0	0	0	0	0
215	86	53	13	4	2	4	2	1	2	2	1	0	0	0	0	0
220	82	60	19	5	2	3	1	2	0	1	0	0	0	0	0	0
178	71	59	20	0	6	4	1	1	2	4	1	0	0	0	0	0
133	89	53	10	7	4	1	2	2	2	0	1	0	0	0	0	0
161	74	45	10	4	7	2	2	0	0	0	0	0	0	0	0	0
173	85	14	4	5	1	3	2	2	3	1	0	0	0	0	0	0
149	85	54	17	4	2	1	2	2	1	0	0	0	0	0	0	0
151	55	56	24	16	2	1	0	1	0	1	1	0	0	0	0	0
143	70	32	14	2	1	1	2	1	0	1	0	0	0	0	0	0
130	82	59	10	4	1	4	1	1	2	2	0	0	0	0	0	0
140	65	22	13	5	2	0	0	2	2	1	0	1	0	0	0	0
134	77	56	8	1	2	1	1	0	0	1	0	0	0	0	0	0
137	59	51	7	8	2	2	2	0	0	1	0	0	0	0	0	0
130	66	60	16	1	2	2	0	0	2	3	0	0	0	0	0	0
147	65	54	14	2	1	2	1	2	2	0	0	0	0	0	0	0
155	66	54	14	4	2	1	1	1	1	0	0	0	0	0	0	0
137	61	55	11	0	3	0	0	0	1	0	0	0	0	0	0	0
117	71	59	11	0	1	2	2	1	2	2	1	0	0	0	0	0
149	83	10	4	2	0	3	1	1	1	1	1	0	0	0	0	0
118	82	57	14	3	5	1	1	1	1	0	0	0	0	0	0	0
135	63	55	16	3	0	1	2	2	1	2	0	0	0	0	0	0
135	66	59	10	4	0	0	0	1	1	4	0	0	0	0	0	0
122	62	70	15	6	1	1	2	1	2	0	2	0	0	0	0	0
130	50	78	17	2	3	0	1	1	0	2	0	0	0	0	0	0
139	61	62	20	3	3	1	1	0	0	1	1	0	0	0	0	0
131	62	48	55	4	2	4	0	1	1	1	0	0	0	0	0	0

2111 2175 2229 2303 2367 2421 2495 2559 2623 2687 2751 2815 2879 2943 3007 3071

PCA5498 April 17, 1968 Q7C PL 12:19-12:23

2025 RELEASE UNDER E.O. 14176

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Std. #500 - 9.46% Sb

PCA 5498

Sample in R 10:40, out 10:40:30 4/16/68

500 A 10:40:30
2:25 111 44 1/2 = 3.742 hr.

Σ tot. = 11276

b_g = $\frac{(105 + 20)}{2}(3) = 188$

peak = 1088

cpm(RD) = $\frac{2772}{.9621} = 2881$

cpm(RD)/μg Sb = $\frac{2881}{874} = 3.30$ (3.3)

9.24 mg
9.46% Sb
874 μg Sb

500 B 10:40:30
2:30 111 + 49:30 = 3.825 hr.

Σ tot. = 12887

b_g = $\frac{(10 + 20)}{2}(3) = 195$

peak = 12892

cpm(RD) = $\frac{3173}{.9613} = 3301$

cpm(RD)/μg Sb = $\frac{3301}{901} = 3.66$ (3.7)

9.52
9.46%
901 μg Sb

500 C 10:40:30
2:34 111 53 1/2 = 3.892 hr.

Σ tot. = 12677

b_g = $\frac{(120 + 20)}{2}(3) = 210$

pk = 12467

cpm(RD) = $\frac{3117}{.9606} = 3245$

cpm(RD)/μg Sb = $\frac{3245}{904} = 3.59$ (3.6)

9.56
9.46
904

Avg of 500 A,B,C = 3.5

#7

500 A

500 B

500 C

PCA 5498 April 16, 1968 500A Pl 2:23-2:27

2025 RELEASE UNDER E.O. 14176

1278	R19	578	683	372	19	11	8	5	4	1	3	0	0	0	0
0	R10	627	618	314	24	8	9	9	2	22	2	3	1	1	1
0	R10	621	513	167	16	9	15	7	9	9	2	1	1	1	1
0	R10	594	523	130	30	10	13	5	4	3	1	1	1	1	1
142	792	588	467	97	24	7	7	4	3	3	1	1	1	1	1
9440	645	549	434	128	29	9	11	11	4	3	1	1	1	1	1
2368	R21	589	374	125	20	13	12	7	3	3	1	1	1	1	1
1662	775	570	367	106	15	12	12	6	7	7	2	1	1	1	1
1477	669	516	316	122	21	7	11	3	3	6	4	1	1	1	1
1474	R11	598	352	119	27	7	16	5	3	2	2	1	1	1	1
1391	769	610	375	126	31	12	7	3	1	2	2	1	1	1	1
1244	604	590	319	128	18	11	9	6	2	3	4	2	3	1	1
1315	788	548	315	125	13	8	12	7	4	4	4	2	1	1	1
1244	744	590	316	91	16	5	11	10	5	4	4	2	1	1	1
1193	792	556	307	113	13	9	8	9	3	4	9	1	1	1	1
1224	763	568	295	113	14	10	3	9	4	4	1	1	1	1	1
1200	722	623	288	117	18	3	20	5	2	2	1	1	1	1	1
1178	715	554	255	119	13	14	7	5	2	2	1	1	1	1	1
1170	752	529	308	110	20	7	8	4	2	2	1	1	1	1	1
1123	781	557	279	133	16	7	6	6	2	4	1	1	1	1	1
1128	778	520	261	144	13	12	9	2	2	4	2	1	1	1	1
1187	757	583	254	142	13	12	5	8	2	4	2	1	1	1	1
1072	743	574	237	154	12	5	11	1	4	6	4	1	1	1	1
1168	753	553	235	228	14	14	7	7	6	3	2	1	1	1	1
1126	731	535	238	370	18	14	12	6	10	3	10	2	1	1	1
1144	783	538	203	1158	40	14	6	5	1	1	1	1	1	1	1
1208	796	547	247	4184	141	9	7	4	5	5	16	2	2	1	1
1136	R29	518	213	5869	222	13	8	6	4	1	6	1	1	1	1
1213	R20	548	238	2024	120	7	8	6	4	1	1	1	1	1	1
1138	679	591	215	359	30	12	6	8	4	3	2	1	1	1	1
1137	R11	600	192	31	16	8	4	2	2	4	2	1	1	1	1
1147	770	525	157	15	5	7	6	2	2	4	2	1	1	1	1
1239	771	586	193	19	7	9	1	2	10	4	2	1	1	1	1
1191	R17	583	210	29	8	11	6	4	6	4	2	1	1	1	1
1295	723	551	161	18	12	8	2	3	7	7	1	1	1	1	1
1183	758	551	122	23	13	4	9	7	6	4	3	1	1	1	1
1264	741	594	172	35	12	12	10	5	3	1	1	1	1	1	1
1471	719	562	141	21	16	11	15	11	3	6	3	1	1	1	1
1942	722	555	164	32	16	14	10	5	5	3	1	1	1	1	1
2135	742	569	148	23	11	11	8	10	5	3	2	1	1	1	1
1593	754	586	147	20	14	6	1	7	2	2	1	1	1	1	1
1222	R14	581	138	23	19	9	1	7	6	4	1	1	1	1	1
1095	742	587	150	21	29	15	4	9	3	8	2	1	1	1	1
1221	744	557	165	17	21	11	9	7	4	3	2	1	1	1	1
1422	657	574	127	40	14	7	3	8	3	9	4	1	1	1	1
1213	677	563	94	14	14	6	4	6	4	5	2	1	1	1	1
957	658	623	133	159	13	3	4	4	4	5	2	1	1	1	1
R73	697	562	150	113	9	9	7	3	4	2	2	1	1	1	1
R34	733	648	135	29	14	7	6	7	4	2	3	1	1	1	1
R44	624	621	145	14	6	14	10	3	3	1	2	1	1	1	1
R16	679	602	151	22	9	12	7	7	7	0	2	1	1	1	1
R87	646	616	149	12	14	10	5	4	11	1	1	1	1	1	1
R13	651	619	129	13	3	15	11	2	1	1	1	1	1	1	1
904	618	605	138	19	8	4	1	1	22	2	3	1	1	1	1
R17	607	624	143	22	12	13	7	1	7	3	3	1	1	1	1
R49	659	659	145	18	6	13	6	10	7	0	2	1	1	1	1
R13	655	639	21	10	12	5	8	4	0	1	2	1	1	1	1
R41	646	680	133	12	10	12	5	8	4	2	2	1	1	1	1
R46	652	681	112	19	9	6	4	31	0	6	1	1	1	1	1
R92	657	652	127	17	5	11	6	25	1	2	2	1	1	1	1
R16	603	636	177	18	13	7	6	22	6	2	2	1	1	1	1
R20	610	620	145	13	11	6	7	4	2	2	4	3	1	1	1
R16	626	628	147	17	10	9	3	2	2	0	0	1	1	1	1
R40	642	640	233	22	9	8	7	0	0	1	1	1	1	1	1
1135	3199	3263	3327	3391	3455	3519	3583	3647	3711	3775	3839	3903	3967	4031	4095

PCA 5498 April 16, 1968 500c Pl 2132-2136

2025 RELEASE UNDER E.O. 14176

#8

500 D
500 E
500 F

32758	770	544	576	341	14	19	9	8	5	3	1	1	1	0	1
1	726	525	539	288	12	9	9	5	3	1	0	1	1	0	1
2	726	525	539	288	12	9	9	5	3	1	0	1	1	0	1
94	760	522	495	108	23	10	9	4	4	2	0	0	0	0	0
4144	711	528	423	93	27	8	10	3	5	1	0	0	0	0	0
4451	741	541	381	95	21	7	11	2	2	1	0	0	0	0	0
1174	728	558	330	49	20	10	14	11	2	2	0	0	0	0	0
1505	597	545	367	92	10	14	11	11	3	3	0	0	0	0	0
1355	703	490	278	165	15	10	13	7	3	3	0	0	0	0	0
1224	703	533	94	22	22	7	14	11	3	3	0	0	0	0	0
1242	681	497	289	100	12	7	11	3	3	3	0	0	0	0	0
1204	741	509	269	106	14	9	3	3	2	2	0	0	0	0	0
1117	687	483	280	98	14	5	5	12	3	3	0	0	0	0	0
1081	622	483	285	49	23	11	5	5	4	4	0	0	0	0	0
1077	714	481	270	103	19	6	8	5	4	4	0	0	0	0	0
1055	615	497	248	115	17	6	12	5	4	0	0	0	0	0	0
1047	646	512	255	84	12	14	9	7	3	3	0	0	0	0	0
1021	639	488	283	160	18	11	7	5	5	3	0	0	0	0	0
1018	650	480	242	122	16	10	8	3	3	3	0	0	0	0	0
978	706	477	210	133	12	15	6	7	3	3	0	0	0	0	0
948	673	503	232	126	12	7	9	5	4	4	0	0	0	0	0
957	653	481	210	142	16	6	8	8	5	3	0	0	0	0	0
1000	662	491	195	125	15	9	8	9	3	3	0	0	0	0	0
1122	613	508	241	197	17	7	6	5	5	4	0	0	0	0	0
999	703	511	187	345	27	6	8	8	5	4	0	0	0	0	0
1056	694	501	212	1283	48	11	10	4	2	3	0	0	0	0	0
1043	667	557	227	3698	115	5	6	8	2	2	0	0	0	0	0
1076	660	473	182	4828	259	9	11	5	5	3	0	0	0	0	0
1003	706	517	202	2327	137	12	5	2	1	3	0	0	0	0	0
1035	702	495	202	417	42	7	7	2	3	3	0	0	0	0	0
1018	745	479	180	52	16	9	8	8	3	3	0	0	0	0	0
1042	656	510	187	22	9	10	12	7	7	2	0	0	0	0	0
990	649	460	157	23	8	9	5	7	7	2	0	0	0	0	0
1050	694	531	170	11	10	8	7	10	4	3	0	0	0	0	0
1029	669	502	170	18	16	7	10	8	4	2	0	0	0	0	0
1054	659	517	127	19	10	11	8	1	1	1	0	0	0	0	0
1068	703	538	140	17	10	13	8	10	1	4	0	0	0	0	0
1223	664	522	132	16	12	4	7	10	3	3	0	0	0	0	0
1628	690	512	166	22	11	10	10	4	4	3	0	0	0	0	0
1872	612	521	161	20	13	4	8	10	3	3	0	0	0	0	0
1471	651	495	141	15	11	13	14	5	1	1	0	0	0	0	0
1035	634	544	119	23	12	9	9	3	5	3	0	0	0	0	0
932	611	547	165	27	19	9	6	3	6	1	0	0	0	0	0
1040	661	530	131	20	22	9	7	4	3	3	0	0	0	0	0
1157	657	536	132	35	12	16	7	4	2	1	0	0	0	0	0
1073	583	539	124	83	11	7	7	4	2	2	0	0	0	0	0
895	599	521	148	14	10	11	10	3	5	1	0	0	0	0	0
768	586	565	106	101	11	8	10	3	1	2	0	0	0	0	0
802	619	532	132	11	11	11	8	4	1	2	0	0	0	0	0
778	622	503	139	17	9	11	7	7	4	2	0	0	0	0	0
729	618	507	125	22	6	3	7	3	5	1	0	0	0	0	0
698	611	559	99	3	7	5	7	5	17	3	0	0	0	0	0
706	556	649	108	13	5	11	12	2	9	3	0	0	0	0	0
734	596	576	134	13	11	6	6	7	17	0	0	0	0	0	0
767	577	535	118	18	12	4	5	6	4	5	0	0	0	0	0
721	598	535	124	9	8	7	8	4	5	2	0	0	0	0	0
755	563	561	112	17	10	5	9	9	2	4	0	0	0	0	0
742	548	535	119	14	16	9	11	21	8	0	0	0	0	0	0
717	570	511	14	14	16	8	11	32	4	5	0	0	0	0	0
750	510	567	115	19	11	6	9	13	3	2	0	0	0	0	0
760	537	662	127	14	12	6	6	9	3	2	0	0	0	0	0
750	522	544	124	12	12	6	5	8	3	2	0	0	0	0	0
699	552	548	145	9	10	6	5	3	3	2	0	0	0	0	0
754	511	592	225	22	10	11	8	3	3	2	0	0	0	0	0
3175	3199	3263	3327	3391	3455	3519	3583	3647	3711	3775	3839	3903	3967	4031	4095

PCA 5498 April 17, 1968 500F PL 12:45-12:52

2025 RELEASE UNDER E.O. 14176

32758	772	599	571	369	18	6	12	11	3	4	1	4	0	0	0	0	0
1	813	560	583	247	10	15	13	3	2	4	2	4	0	0	0	0	0
14	549	544	527	127	23	2	12	7	1	1	1	1	0	0	0	0	0
353	762	577	418	162	35	11	9	1	1	1	1	1	0	0	0	0	0
254	747	553	418	127	28	3	15	12	2	7	6	3	0	0	0	0	0
352	825	535	417	115	11	10	6	9	4	1	1	1	0	0	0	0	0
1632	838	562	389	115	19	11	9	5	4	1	1	1	0	0	0	0	0
1531	788	574	381	94	13	7	9	8	8	1	1	1	0	0	0	0	0
1460	760	57	312	164	24	11	11	8	9	1	1	1	0	0	0	0	0
1347	721	610	342	168	23	13	8	9	4	2	4	4	0	0	0	0	0
1351	754	536	327	116	23	13	8	9	4	2	4	4	0	0	0	0	0
1243	650	546	276	169	13	6	5	5	9	2	2	2	0	0	0	0	0
1251	743	535	272	164	15	10	10	4	4	4	4	4	0	0	0	0	0
1168	751	522	287	95	15	11	11	5	7	4	4	4	0	0	0	0	0
1188	582	545	267	115	14	12	10	5	7	4	4	4	0	0	0	0	0
1150	788	541	259	125	16	13	8	9	9	5	5	5	0	0	0	0	0
1131	782	525	291	169	2	14	15	2	4	1	1	1	0	0	0	0	0
1167	722	542	267	118	22	9	9	4	4	4	4	4	0	0	0	0	0
1167	740	575	313	131	9	14	15	2	2	2	2	2	0	0	0	0	0
1082	780	576	269	139	16	14	14	5	7	3	3	3	0	0	0	0	0
1165	768	576	240	138	19	14	14	5	7	3	3	3	0	0	0	0	0
1066	763	581	240	126	10	11	11	5	4	4	4	4	0	0	0	0	0
1124	710	609	255	142	18	8	11	10	5	3	3	3	0	0	0	0	0
1124	694	583	227	278	17	13	13	7	5	5	5	5	0	0	0	0	0
1154	726	573	215	162	30	13	13	7	5	5	5	5	0	0	0	0	0
1076	786	550	217	238	84	10	10	5	5	5	5	5	0	0	0	0	0
1145	752	571	220	272	14	4	3	2	4	3	3	3	0	0	0	0	0
1161	741	541	216	457	26	4	9	9	4	4	4	4	0	0	0	0	0
1139	751	572	199	1115	73	11	14	9	6	6	6	6	0	0	0	0	0
1124	771	555	223	86	13	11	14	9	6	6	6	6	0	0	0	0	0
1125	722	510	197	19	12	10	8	7	7	7	7	7	0	0	0	0	0
1229	765	560	165	31	9	11	6	6	6	6	6	6	0	0	0	0	0
1168	798	552	156	25	12	5	5	11	3	3	3	3	0	0	0	0	0
1154	812	558	177	26	10	8	8	10	4	4	4	4	0	0	0	0	0
1187	725	545	162	27	16	11	7	10	2	2	2	2	0	0	0	0	0
1151	766	579	170	18	17	12	14	10	2	2	2	2	0	0	0	0	0
1307	759	578	153	26	16	9	10	7	3	3	3	3	0	0	0	0	0
1528	724	571	160	19	16	11	10	12	9	7	7	7	0	0	0	0	0
1084	691	585	154	29	16	11	10	12	9	7	7	7	0	0	0	0	0
1993	760	523	135	29	12	13	5	5	7	3	3	3	0	0	0	0	0
1333	716	564	160	23	18	15	7	6	6	6	6	6	0	0	0	0	0
1045	721	567	125	21	26	8	10	8	3	3	3	3	0	0	0	0	0
1048	768	594	149	18	15	12	8	7	3	3	3	3	0	0	0	0	0
1297	694	578	139	25	12	11	6	7	4	4	4	4	0	0	0	0	0
1310	715	583	138	54	10	10	7	4	4	4	4	4	0	0	0	0	0
1191	666	629	141	133	15	11	7	4	3	3	3	3	0	0	0	0	0
903	653	626	126	157	8	8	6	5	4	4	4	4	0	0	0	0	0
868	676	622	129	54	7	14	9	6	6	6	6	6	0	0	0	0	0
778	657	568	116	4	19	9	5	4	4	4	4	4	0	0	0	0	0
840	648	592	140	17	13	11	6	5	4	4	4	4	0	0	0	0	0
810	644	625	129	28	9	10	6	5	4	4	4	4	0	0	0	0	0
871	626	626	15	7	10	10	6	5	4	4	4	4	0	0	0	0	0
849	634	577	142	16	6	11	6	5	4	4	4	4	0	0	0	0	0
855	609	611	115	13	13	12	6	5	4	4	4	4	0	0	0	0	0
816	616	593	148	19	5	8	6	5	4	4	4	4	0	0	0	0	0
871	657	639	121	21	11	14	5	7	3	3	3	3	0	0	0	0	0
866	642	642	112	17	8	11	7	5	4	4	4	4	0	0	0	0	0
842	550	611	149	16	12	10	12	15	0	0	0	0	0	0	0	0	0
828	615	655	126	6	6	6	6	6	6	6	6	6	0	0	0	0	0
838	610	698	156	18	6	6	6	6	6	6	6	6	0	0	0	0	0
814	608	695	121	14	10	10	8	7	4	4	4	4	0	0	0	0	0
849	604	641	164	17	9	13	8	7	4	4	4	4	0	0	0	0	0
866	578	626	143	12	11	11	6	6	6	6	6	6	0	0	0	0	0
762	570	633	263	13	7	7	7	7	7	7	7	7	0	0	0	0	0
2111	2175	2219	2303	2367	2431	2495	2559	2623	2687	2751	2815	2879	2943	3007	3071		

PCA 6498 April 17, 1968 500 E Pt-12:40-12:44

2025 RELEASE UNDER E.O. 14176

1278	734	552	577	291	15	15	12	6	4	2	0	0	1	1	0
1	745	555	545	310	22	5	18	7	4	2	0	1	1	0	0
11	753	548	548	195	23	11	13	7	4	4	2	1	0	0	0
53	797	564	564	116	12	7	4	4	4	4	2	1	0	0	0
1350	756	565	446	91	25	7	9	9	4	4	2	1	1	0	0
675	772	574	417	114	21	12	12	7	4	4	2	1	0	0	0
1774	656	521	140	93	13	9	16	14	4	4	2	1	0	0	0
1631	729	521	335	97	13	9	14	9	5	15	1	0	0	0	0
1353	744	523	326	93	19	16	13	10	4	13	1	0	2	1	0
1343	741	550	324	103	14	12	15	12	4	4	4	0	1	0	0
1297	681	524	289	111	12	8	12	9	4	4	4	0	1	0	0
1234	697	488	328	98	12	8	12	8	3	5	4	0	1	0	0
1240	659	556	289	87	19	14	11	6	4	2	2	1	10	1	0
1173	722	559	293	93	17	13	10	8	1	2	2	20	7	1	0
1108	696	555	262	107	10	13	10	8	1	2	2	13	19	1	0
1099	670	554	251	100	19	14	9	10	5	4	1	4	1	0	0
1028	714	563	274	82	19	14	8	9	2	3	4	1	1	2	1
1055	723	555	276	118	24	15	14	7	1	4	1	2	1	2	0
1058	734	547	285	113	22	15	5	4	4	4	1	2	1	2	0
1027	733	562	265	114	14	12	7	7	2	2	5	1	1	1	0
1110	697	542	267	125	17	12	9	7	4	4	5	1	1	2	1
1053	693	535	204	114	13	10	11	6	7	7	1	1	1	1	0
1070	659	520	211	131	15	11	10	6	4	3	3	1	1	0	0
1071	680	522	248	202	13	8	11	10	4	4	2	2	0	0	0
1030	752	494	202	338	27	9	9	6	2	4	4	1	1	1	0
1106	695	515	191	986	42	14	3	4	1	8	3	1	1	0	0
1079	684	507	205	1275	119	18	5	10	5	5	5	2	0	1	0
1032	743	529	225	1038	217	13	12	3	2	4	5	2	0	0	0
1100	684	559	198	1024	159	7	6	10	4	5	2	2	0	0	0
1051	708	495	188	793	180	12	10	4	4	5	5	2	1	2	0
1074	719	527	208	89	18	13	6	3	3	4	3	2	2	2	0
1083	686	488	187	39	9	7	10	8	5	5	3	0	0	0	0
1094	692	555	212	27	15	10	7	7	2	4	3	0	1	0	0
1076	695	537	160	18	13	8	10	9	2	4	2	1	0	0	0
1178	729	535	156	19	11	11	13	9	3	5	2	0	0	1	0
1078	687	491	129	15	15	12	13	10	4	2	2	0	1	0	0
1159	680	541	139	24	14	9	13	10	3	5	2	0	0	1	0
1248	681	557	149	18	14	8	11	12	2	2	1	0	0	0	0
1725	683	544	147	29	19	13	11	13	2	2	3	0	0	0	0
1858	724	535	128	27	12	15	6	9	5	4	1	0	1	0	0
1543	681	504	142	18	11	7	12	5	5	4	1	1	1	2	0
1117	640	540	127	21	22	11	14	10	5	1	0	1	1	0	0
963	658	545	129	14	10	10	5	5	2	4	1	1	1	0	0
1108	627	539	134	24	12	9	10	5	2	4	0	1	1	0	0
1225	625	550	127	24	12	18	10	5	1	4	0	1	2	1	0
1184	699	522	108	11	10	8	11	10	5	4	2	0	1	0	0
978	651	582	124	157	9	12	5	2	5	3	2	0	0	0	0
790	623	531	113	125	11	9	13	6	2	5	1	2	0	0	0
792	626	556	114	40	10	11	8	5	5	0	2	0	0	0	0
853	608	587	131	23	11	10	9	6	4	1	2	0	0	1	0
762	633	571	122	23	11	10	9	6	4	1	0	0	0	1	0
786	528	554	119	15	11	10	10	6	13	2	6	1	1	1	0
826	622	526	132	21	11	11	11	8	8	1	1	0	0	0	0
802	570	591	119	24	11	11	15	4	9	2	1	0	0	0	0
784	599	607	124	19	12	7	10	6	24	3	1	0	0	0	0
805	582	600	128	19	12	11	10	6	4	1	1	0	0	0	0
793	596	574	135	22	10	9	12	5	3	4	0	0	0	0	0
799	609	588	123	17	11	12	10	5	5	3	1	0	0	0	0
796	578	600	124	23	11	13	9	22	0	3	1	0	0	0	0
818	602	629	124	10	11	12	6	25	2	2	0	0	0	1	1
779	559	622	126	18	14	9	7	21	3	2	0	0	1	0	0
760	585	630	149	22	10	7	7	11	3	1	0	0	0	1	0
800	575	628	215	15	16	12	5	2	4	2	1	0	0	1	0
83	127	191	255	319	383	447	511	575	639	703	767	831	895	959	1023

PCA 5498 April 17, 1968 500D PL 11:46-11:50

2025 RELEASE UNDER E.O. 14176

PC A5-498

Q8A $9:40:30$ $12:26:00$ $= 11 + 45\frac{1}{2} = 2.758$

$\Sigma \text{ tot.} = 1349$

$bg = 30$

$pk = 1319$

$cpm(RD) = \frac{330}{.9719} = 340$

$mg Sb = \frac{340}{3.1} = 110$

$\% Sb = \frac{110}{9650} = \underline{1.15\%}$

Q8B $9:40:30$ $12:34:30$ $11 + 53\frac{1}{2} = 2.892$

$\Sigma \text{ tot.} = 1177$

$bg = 30$

$pk = 1147$

$cpm(RD) = \frac{287}{.9706} = 296$

$mg Sb = \frac{296}{3.1} = 95$

$\% Sb = \frac{95}{9300} = \underline{1.02\%}$

Q8C $9:40:30$ $12:38:00$ $11 + 57\frac{1}{2} = \underline{2.958 \text{ hr.}}$

$\Sigma \text{ tot.} = 1125$

$bg = 24$

$pk = 1101$

$cpm(RD) = \frac{275}{.9699} = 284$

$mg Sb = \frac{284}{3.1} = 92$

$\% Sb = \frac{92}{9180} = \underline{1.00\%}$

Aug. for Q8 = 1.06%

#6

Q8A
Q8B
Q8C

2025 RELEASE UNDER E.O. 14176

PCA 5498 April 17, 1968 Q8c Pl 12:31-12:40

2025 RELEASE UNDER E.O. 14176

144	74	71	85	5	2	2	9	3	0	2	1	0	0	1	0
159	75	73	50	2	2	2	2	4	4	0	1	0	0	1	0
158	82	59	20	6	5	5	2	3	3	0	1	0	0	0	0
157	78	59	14	8	2	2	2	0	0	2	1	0	0	0	0
156	80	55	7	2	2	2	2	2	1	1	1	0	0	1	0
155	77	51	18	4	4	1	1	4	1	1	1	0	0	1	0
154	69	40	11	3	3	3	0	0	0	0	1	0	0	0	0
153	52	37	12	3	3	3	3	3	2	0	0	0	0	0	0
152	74	37	14	5	5	5	5	1	0	0	1	0	0	0	0
151	77	34	15	8	2	2	6	1	0	0	0	0	0	0	0
150	81	44	15	6	2	2	0	0	2	1	0	0	0	0	0
149	68	35	15	6	4	4	0	0	0	1	0	0	0	0	0
148	71	40	8	2	1	1	4	0	0	0	0	0	0	0	0
147	62	41	15	1	4	4	1	4	3	3	0	0	0	0	0
146	85	37	17	3	3	3	2	2	0	3	1	0	0	0	0
145	72	35	11	4	4	4	1	1	1	1	0	0	0	0	0
144	69	37	14	6	0	0	3	1	0	1	0	0	0	0	0
143	71	40	17	3	1	1	2	1	2	2	0	0	0	0	0
142	71	21	12	2	3	3	4	0	2	1	0	0	0	0	0
141	69	23	13	3	0	0	0	0	1	0	0	0	0	0	0
140	72	22	15	2	2	2	2	0	0	0	1	0	0	0	0
139	62	27	15	3	2	2	0	0	0	0	0	0	0	0	0
138	58	31	19	5	7	7	2	0	0	1	0	0	0	0	0
137	77	27	28	7	2	2	4	4	1	0	1	0	0	0	0
136	52	29	42	3	3	3	4	0	5	1	0	0	0	0	0
135	71	27	78	3	5	5	0	0	3	1	1	0	0	0	0
134	62	27	27	5	2	2	0	2	1	1	1	0	0	0	0
133	80	21	615	17	1	1	0	1	2	1	10	0	0	0	0
132	70	28	505	29	1	1	3	3	3	0	4	0	0	0	0
131	113	70	21	13	2	2	4	2	1	1	0	0	0	0	0
130	118	28	10	3	1	1	0	0	0	0	0	0	0	0	0
129	106	71	67	4	1	1	0	0	0	0	0	0	0	0	0
128	122	25	27	6	3	3	0	0	0	1	3	0	0	0	0
127	104	22	18	3	4	4	4	5	3	3	1	1	0	0	0
126	104	24	24	2	4	4	4	2	2	2	1	1	0	0	0
125	98	25	7	4	3	3	2	0	0	0	0	0	0	0	0
124	77	24	4	0	0	0	3	0	4	0	0	0	0	0	0
123	75	15	4	2	4	4	0	0	1	0	0	0	0	0	0
122	111	93	18	3	1	1	1	1	1	1	0	0	0	0	0
121	105	70	22	4	3	3	2	2	0	2	0	1	0	0	0
120	99	74	20	4	3	3	1	3	3	1	1	1	0	0	0
119	94	66	17	4	4	4	0	0	3	1	1	1	0	0	0
118	119	80	3	0	1	1	1	1	3	2	1	1	0	0	0
117	106	59	18	5	4	4	1	1	0	0	1	2	0	0	0
116	101	79	22	6	4	4	3	2	0	2	0	0	0	0	0
115	91	72	6	1	4	4	0	3	2	0	0	1	0	0	0
114	99	83	25	14	3	3	0	1	0	0	1	0	0	0	0
113	72	24	13	3	2	2	1	4	0	2	1	0	0	0	0
112	85	11	5	1	4	4	0	0	0	1	0	0	0	0	0
111	79	10	7	3	2	2	1	0	1	1	0	0	0	0	0
110	92	19	2	1	1	1	0	0	0	0	0	0	0	0	0
109	85	15	10	2	3	3	0	0	0	0	0	0	0	0	0
108	77	78	14	5	3	3	2	0	2	0	0	0	0	0	0
107	80	75	4	4	4	4	2	4	3	0	1	0	0	0	0
106	66	9	5	3	3	3	0	1	0	0	0	0	0	0	0
105	96	20	2	2	2	2	2	2	0	0	0	0	0	0	0
104	88	22	1	1	1	1	1	1	1	1	1	0	0	0	0
103	79	27	4	4	4	4	1	3	1	1	1	0	0	0	0
102	74	19	7	3	0	0	5	4	0	0	2	0	0	0	0
101	85	19	3	0	0	0	1	0	0	0	0	0	0	0	0
100	89	87	7	2	2	2	6	3	2	1	0	1	0	0	0
99	72	25	3	4	1	1	2	0	0	0	0	0	0	0	0
98	97	21	5	2	6	6	2	1	0	0	0	1	0	0	0
97	70	28	5	0	4	4	0	2	0	0	0	0	0	0	0
96	77	78	3	5	1	1	1	2	0	0	1	0	0	0	0

1135 1199 1263 1327 1391 1455 1519 1583 1647 1711 1775 1839 1903 1967 40314095

PCA 5498 April 17, 1968 Q8A PL 12:24-28

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