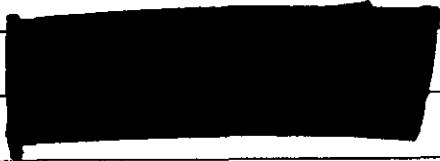


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Data Book

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CORONA J FLIGHT DATA BOOK

SYSTEM NO. J-24

VEHICLE NO. 1619

MISSION NO. 1824-2

CAMERA NOS. 172/173

DATE 10-02-65

PAGE 1

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SYSTEM NO. J-24

VEHICLE NO. 1619

MISSION NO. 1824-2

CAMERA NOS. 172/173

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SYSTEM NO. J-24

VEHICLE NO. 1619

MISSION NO. 1824-2

CAMERA NOS. 172/173

GENERAL FLIGHT DATA

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SLAVE CAMERA SERIAL NO. 173

S/I -1 SERIAL NO. D69/72/84

S/I -2 SERIAL NO. D64/82/66

LAUNCH DATE 89-22-65

REACTIVATION DATE 89-28-65

REACTIVATION ORBIT NO. 89
ORBITAL PARAMETERS REV. 188

PERIOD 89.944 MIN. ECCENTRICITY 0.81459

PERIGEE 96.657 NM PERIGEE LAT. 31.517 DEG. N

APOGEE 281.458 NM INCL. ANGLE 88.857 DEG.

RECOVERY ORBIT NO. 161

RECOVERY DATE 18-82-65

PAGE 3

SYSTEM NO. J-24
VEHICLE NO. 1619
MISSION NO. 1824-2
CAMERA NOS. 172/173

CYCLE PERIOD DATA

V/H RAMP SETTING LEVEL	AMPLITUDE	TIME UP RAMP-SEC	---CALIBRATED---		---IN-FLIGHT---		ORBI CYCLE PERIOD-SEC	NO.
			MASTER	SLAVE	MASTER	SLAVE		
5	5	269	3.654	3.641	3.661	3.658	88	
5	5	1865	2.242	2.248	2.244	2.248	95	
5	5	1839	2.242	2.241	2.256	2.267	111	
5	5	1985	2.241	2.248	2.263	2.249	127	
5	5	1778	2.245	2.242	2.264	2.249	143	

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- A. 1824-2
- B. DRY
- C. FINAL PERFORMANCE ESTIMATE, PART ONE

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OPERATIONS SUMMARY

FWD PAN CAMERA NUMBER 172

OPN NO	FRA	Q	LAT	LONG	HEIGHT	RANGE	DA	H	M	S	LTIM	S-TIM
73	2	2	5 ON 2 48 51	28 23E	648213	663528	27	11	7	14	1228	48834

OFF 2 48 5 28 38E 637647 668866 27 11 7 26 1238 48846
81 8 8 4 ON 2 59 18 165 42W 672891 696686 27 23 4 36 12 1 83876
OFF 2 57 41 164 48W 666818 698296 27 23 5 8 12 5 83188
84 9 1 28 ON 2 51 27 138 12E 639953 663258 28 3 36 36 1217 12996
OFF 2 48 15 131 23E 629548 652454 28 3 37 25 1222 13845
84 9 2 112 ON 2 45 31 132 15E 621439 644849 28 3 38 6 1227 13886
OFF 2 28 31 136 8E 588532 689918 28 3 42 28 1246 13348
85 9 1 16 ON 2 76 12 76 25E 753585 781188 28 4 59 46 18 5 17986
OFF 2 73 49 84 35E 738475 765588 28 5 8 34 1838 18834
85 9 2 185 ON 2 44 37 189 52E 618286 648695 28 5 8 19 1227 18499
OFF 2 28 37 113 28E 588326 689696 28 5 12 18 1245 18738
86 5 1 26 ON 2 58 38 81 26E 664167 688384 28 6 34 46 12 8 23686
OFF 2 54 18 83 48E 648281 671816 28 6 35 51 1218 23751
86 5 2 72 ON 2 48 36 85 57E 629885 651982 28 6 37 18 1221 23838
OFF 2 37 32 89 8E 688979 622823 28 6 48 5 1236 24885
86 5 3 34 ON 2 33 49 89 45E 594489 616891 28 6 41 8 1248 24868
OFF 2 28 39 98 41E 588868 689421 28 6 42 17 1245 24137
87 8 1 147 ON 2 68 28 57 31E 671112 695598 28 8 4 15 1154 29855
OFF 2 37 35 66 28E 688575 622484 28 8 18 3 1235 29483
88 4 8 13 ON 1 39 38 113 53W 1834381 1872696 28 9 14 55 139 33295
OFF 1 42 38 113 8W 1828687 1858478 28 9 15 42 143 33342
88 4 1 66 ON 2 55 27 37 49E 658494 674196 28 9 35 32 12 6 34532
OFF 2 45 24 41 41E 618251 648742 28 9 38 5 1224 34685
93 7 1 61 ON 3 25 38 68 55W 722912 749345 28 17 25 29 1321 62729
OFF 3 35 32 59 9W 781383 818836 28 17 28 8 1331 62888
95 7 1 21 ON 2 32 29 113 48W 591516 613886 28 28 11 4 1235 72664
OFF 2 29 19 113 14W 588318 689688 28 28 11 51 1238 72711
98 3 1 48 ON 2 65 54 163 43E 686178 711216 29 8 32 23 1127 1943
OFF 2 59 36 169 8E 668438 684586 29 8 34 3 1158 2843
188 3 1 73 ON 2 52 8 127 39E 632886 655844 29 3 35 53 12 6 12953
OFF 2 48 53 131 11E 684379 626358 29 3 38 41 1223 13121
182 8 1 65 ON 2 57 23 79 47E 649177 672838 29 6 34 23 1153 23663
OFF 2 47 24 84 3E 618516 641818 29 6 36 55 1213 23815
182 8 2 66 ON 2 41 37 85 43E 685883 627881 29 6 38 23 1221 23983
OFF 2 31 36 87 51E 598826 611468 29 6 48 53 1232 24853
183 5 1 79 ON 2 47 32 61 22E 618368 648855 29 8 6 58 1212 29218
OFF 2 35 32 64 28E 594363 615968 29 8 9 58 1227 29398
184 7 1 138 ON 2 68 19 32 41E 658262 682256 29 9 33 38 1144 34418
OFF 2 39 27 48 58E 688283 622818 29 9 38 48 1222 34728
184 7 2 41 ON 2 17 57 44 48E 588294 689663 29 9 44 7 1242 35847
OFF 2 11 39 45 28E 595296 616927 29 9 45 48 1247 35148
186 6 1 92 ON 2 27 49 2 2W 586924 688242 29 12 41 32 1233 45692
OFF 2 13 46 8 3W 592812 614358 29 12 45 8 1244 45988
111 9 1 21 ON 2 37 39 117 3W 595596 617238 29 28 8 41 1228 72521
OFF 2 34 28 116 23W 591632 613126 29 28 9 29 1223 72569
113 9 1 27 ON 2 66 18 176 6W 673687 698179 29 23 1 13 1116 82873
OFF 2 62 8 172 14W 657586 681472 29 23 2 28 1133 82948
115 7 1 55 ON 2 74 9 124 26E 787786 733648 38 1 58 44 1816 7124
OFF 2 66 4 138 45E 671194 695675 38 2 1 4 1116 7264
116 7 1 73 ON 2 58 26 126 7E 619815 641535 38 3 35 1 1159 12981
OFF 2 39 24 129 23E 596483 618158 38 3 37 47 1215 13867
118 5 1 28 ON 2 74 11 56 28E 784496 738235 38 6 28 26 1814 23386
OFF 2 71 13 63 26E 698132 715328 38 6 29 28 1843 23368
118 5 2 36 ON 2 52 56 79 58E 624322 647841 38 6 34 11 1153 23651
OFF 2 47 28 81 56E 618323 632517 38 6 35 36 12 3 23736
118 5 3 93 ON 2 42 35 83 28E 688757 622593 38 6 36 48 1218 23888
OFF 2 28 38 86 14E 586382 687679 38 6 48 16 1225 24816
119 2 1 21 ON 2 58 21 54 27E 639794 663894 38 8 2 42 1148 28962
OFF 2 55 8 56 12E 629862 652789 38 8 3 32 1148 29812
119 2 2 34 ON 2 51 28 57 49E 619787 642253 38 8 4 27 1155 29867
OFF 2 46 17 59 39E 687449 629535 38 8 5 45 12 48814

ULU

128	1	1	111	ON	2	68	28	38	33E	645582	669817	38	9	32	5	1134	34325	
				OFF	2	43	21	37	52E	681151	623881	38	9	36	24	12	7	34584
127	9	1	17	ON	2	35	39	118	48W	589595	611813	38	28	7	31	1212	72451	
				OFF	2	33	8	118	9W	587738	689879	38	28	8	18	1215	72498	
129	6	1	28	ON	2	61	15	173	42W	642858	666273	38	23	8	47	1125	82847	
				OFF	2	58	6	171	38W	633864	656111	38	23	1	36	1135	82896	
138	4	1	49	ON	2	75	13	141	38E	697944	723435	1	8	26	43	953	1683	
				OFF	2	68	12	156	45E	666818	691134	1	8	28	48	1855	1728	
131	4	1	54	ON	2	74	13	122	14E	691873	717135	1	1	56	54	18	5	7814
				OFF	2	66	11	136	36E	658321	682318	1	1	59	13	11	5	7153
133	4	1	88	ON	2	42	5	184	6E	595841	617493	1	5	5	8	12	1	18388
				OFF	2	28	34	186	53E	586658	687958	1	5	8	29	1216	18589	
133	4	2	27	ON	2	23	51	187	37E	588287	689572	1	5	9	39	1228	18579	
				OFF	2	19	38	188	13E	591783	613283	1	5	18	41	1223	18641	
134	9	1	145	ON	2	58	27	78	51E	618466	632666	1	6	32	54	1148	23574	
				OFF	2	28	32	84	16E	586622	687929	1	6	38	22	1215	23982	
136	3	1	187	ON	2	59	25	29	11E	632279	655297	1	9	38	28	1127	34228	
				OFF	2	43	24	35	53E	596773	618468	1	9	34	24	1157	34464	
142	4	1	17	ON	2	48	48	99	6W	591827	613329	1	18	34	11	1157	66851	
				OFF	2	37	55	98	27W	589313	618728	1	18	34	52	12	1	66892
143	8	1	28	ON	2	38	38	121	14W	589761	611186	1	28	4	32	1159	72272	
				OFF	2	35	31	128	33W	587782	689849	1	28	5	18	12	3	72318
148	7	1	69	ON	2	75	19	94	9E	688784	785545	2	3	24	2	948	12242	
				OFF	2	65	21	112	59E	642443	665843	2	3	26	55	1858	12415	
148	7	2	28	ON	2	51	39	121	46E	686932	628999	2	3	38	28	1137	12628	
				OFF	2	48	31	122	55E	681283	623856	2	3	31	15	1142	12675	
148	7	3	17	ON	2	48	47	125	11E	598997	612468	2	3	33	11	1153	12791	
				OFF	2	38	8	125	48E	588877	618268	2	3	33	51	1157	12831	
149	8	1	28	ON	2	55	58	97	11E	615848	638258	2	4	59	12	1127	17952	
				OFF	2	52	58	98	39E	688934	631876	2	5	8	8	1134	18888	
149	8	2	92	ON	2	32	44	184	17E	586859	688175	2	5	5	1	12	2	18381
				OFF	2	18	39	186	29E	596915	618686	2	5	8	38	1214	18518	
149	8	3	18	ON	3	2	42	189	2E	655146	679821	2	5	13	47	1229	18827	
				OFF	3	5	48	189	23E	667727	692876	2	5	14	33	1232	18873	
158	8	1	59	ON	2	68	16	64	28E	658688	674397	2	6	25	47	1843	23147	
				OFF	2	59	17	72	48E	623535	646225	2	6	28	18	1118	23298	
158	8	2	48	ON	2	42	35	79	38E	592488	614815	2	6	32	24	1158	23544	
				OFF	2	36	38	88	56E	587839	689191	2	6	33	55	1157	23635	
158	8	3	33	ON	2	33	41	81	38E	586991	688312	2	6	34	37	12	8	23677
				OFF	2	28	34	82	25E	587642	688987	2	6	35	53	12	5	23753
151	8	1	151	ON	2	68	23	49	19E	625986	648685	2	7	57	43	1115	28663	
				OFF	2	37	35	58	5E	588323	689694	2	8	3	29	1155	29889	
152	1	1	127	ON	2	59	32	27	17E	623897	645771	2	9	27	46	1116	34866	
				OFF	2	48	31	34	48E	598241	611683	2	9	32	34	1151	34354	
152	1	2	59	ON	2	16	16	38	58E	681957	623837	2	9	38	34	1214	34714	
				OFF	2	6	46	48	7E	624598	647326	2	9	48	55	1221	34855	
153	5	1	67	ON	2	22	7	15	34E	593389	614949	2	11	6	57	12	9	48817
				OFF	2	11	47	16	55E	611811	634868	2	11	9	38	1217	48178	

OPERATIONS SUMMARY

AFT PAN CAMERA NUMBER 173

OPN	NO	FRA	Q	LAT	LONG	HEIGHT	RANGE	DA	H	M	S	LTIM	S-TIM					
73	2	2	5	ON	2	49	45	28	8E	648213	663528	27	11	7	14	1227	48834	
				OFF	2	49	8	28	16E	637647	668866	27	11	7	26	1228	48846	
81	8	8	4	ON	2	68	6	166	22W	672891	696686	27	23	4	36	1159	83876	
				OFF	2	58	36	165	24W	666818	698296	27	23	5	8	12	3	83188
84	9	1	28	ON	2	52	21	129	47E	639953	663258	28	3	36	36	1215	12996	
				OFF	2	49	8	131	1E	629548	652454	28	3	37	25	1221	13845	
84	9	2	113	ON	2	46	24	131	56E	621439	644849	28	3	38	6	1225	13886	
				OFF	2	29	22	135	49E	588532	689918	28	3	42	28	1245	13348	
85	9	1	16	ON	2	76	56	72	52E	753585	781188	28	4	59	46	951	17986	

ULU

131	4	1	55	ON	2	74	59	119	44E	691873	717135	1	1	56	54	955	7814	
				OFF	2	67	3	135	32E	658321	682318	1	1	59	13	11	7153	
133	4	1	89	ON	2	42	56	103	49E	595841	617493	1	5	5	8	12	8	18388
				OFF	2	29	25	106	41E	586658	607958	1	5	8	29	1215	18589	
133	4	2	27	ON	2	24	42	107	27E	588287	609572	1	5	9	39	1219	18579	
				OFF	2	20	29	108	3E	591783	613283	1	5	10	41	1222	18641	
134	9	1	145	ON	2	51	19	78	28E	610466	632666	1	6	32	54	1146	23574	
				OFF	2	29	23	84	4E	586622	607929	1	6	38	22	1214	23982	
136	3	1	107	ON	2	60	17	28	33E	632279	655297	1	9	30	20	1124	34220	
				OFF	2	44	15	35	36E	596773	610460	1	9	34	24	1156	34464	
142	4	1	18	ON	2	41	31	99	21W	591827	613329	1	18	34	11	1156	66851	
				OFF	2	38	46	98	42W	589313	610728	1	18	34	52	12	8	66892
143	8	1	20	ON	2	39	28	121	28W	589761	611186	1	20	4	32	1158	72272	
				OFF	2	36	22	120	47W	587782	609849	1	20	5	18	12	2	72318
148	7	1	69	ON	2	76	2	91	18E	680784	705545	2	3	-24	-2	929	12242	
				OFF	2	66	13	112	1E	642443	665843	2	3	26	55	1055	12415	
148	7	2	28	ON	2	52	30	121	21E	606932	628999	2	3	30	28	1135	12628	
				OFF	2	49	23	122	34E	601283	623056	2	3	31	15	1141	12675	
148	7	3	17	ON	2	41	38	124	55E	590997	612468	2	3	33	11	1152	12791	
				OFF	2	38	59	125	33E	588877	610268	2	3	33	51	1156	12831	
149	8	1	21	ON	2	56	50	96	40E	615840	638250	2	4	59	12	1125	17952	
				OFF	2	53	41	98	13E	608934	631076	2	5	0	0	1132	18000	
149	8	2	93	ON	2	33	35	104	5E	586859	600175	2	5	5	1	12	1	18301
				OFF	2	19	31	106	19E	596915	610600	2	5	8	30	1213	18510	
149	8	3	18	ON	3	1	45	100	52E	655146	679021	2	5	13	47	1229	18027	
				OFF	3	4	50	109	13E	667727	692076	2	5	14	33	1231	18873	
150	8	1	60	ON	2	69	6	63	5E	650680	674397	2	6	25	47	1038	23147	
				OFF	2	60	8	72	3E	623535	646225	2	6	28	10	1116	23290	
150	8	2	40	ON	2	43	26	79	13E	592488	614015	2	6	32	24	1149	23544	
				OFF	2	37	21	80	42E	587839	609191	2	6	33	55	1156	23635	
150	8	3	34	ON	2	34	32	81	17E	586991	600312	2	6	34	37	1159	23677	
				OFF	2	29	25	82	13E	587642	600987	2	6	35	53	12	4	23753
151	8	1	153	ON	2	61	15	40	39E	625906	640605	2	7	57	43	1112	20663	
				OFF	2	30	25	57	51E	580323	609694	2	8	3	29	1154	20009	
152	1	1	120	ON	2	60	23	26	39E	623097	645771	2	9	27	46	1114	34066	
				OFF	2	41	22	34	32E	590241	611683	2	9	32	34	1150	34354	
152	1	2	60	ON	2	17	8	38	40E	601957	623037	2	9	30	34	1213	34714	
				OFF	2	7	40	39	57E	624590	647326	2	9	40	55	1220	34055	
153	5	1	60	ON	2	22	59	15	23E	593309	614949	2	11	6	57	12	8	40017
				OFF	2	12	40	16	45E	611011	634000	2	11	9	30	1216	40170	

PHOTOGRAPHIC SUMMARY

FWD PAN CAMERA NO		172	0.2250	SLIT	W/25	FILTER	3404 FILM					
OPN NO	FRA	FEET	ET	S-EL	S-DIR	EV	FULL	INT	PRI			
73	2	2	5	13.2	ON	277	40.7	25.0	11.97	12.07	11.47	10.07
					OFF	278	41.5	25.2	11.97	12.00	11.48	10.08
81	0	0	4	10.6	ON	153	30.0	20.6	11.11	11.99	11.39	10.79
					OFF	153	32.3	20.9	11.11	12.00	11.40	10.00
84	9	1	20	52.9	ON	275	30.4	21.9	11.96	12.06	11.46	10.06
					OFF	279	41.5	22.9	11.98	12.00	11.48	10.00
84	9	2	112	296.2	ON	203	44.1	23.9	12.00	12.09	11.49	10.09
					OFF	296	59.4	34.7	12.06	12.10	11.50	10.90
85	9	1	16	42.3	ON	225	12.1	10.8	11.67	11.28	10.68	10.08
					OFF	231	15.1	10.6	11.70	11.50	10.90	10.30
85	9	2	105	277.7	ON	205	44.9	24.1	12.01	12.09	11.49	10.09
					OFF	296	59.3	34.4	12.06	12.10	11.50	10.90
86	5	1	26	68.8	ON	264	31.5	19.8	11.90	11.99	11.39	10.79
					OFF	271	35.6	20.0	11.94	12.04	11.44	10.04
86	5	2	72	190.4	ON	200	41.2	22.4	11.90	12.07	11.47	10.07
					OFF	292	51.5	27.3	12.04	12.10	11.50	10.90
86	5	3	34	89.9	ON	294	54.9	29.8	12.05	12.10	11.50	10.90

JUL 11

87	8	1	147	388.8	OFF 297	59.4	34.8	12.86	12.10	11.58	10.98
					ON 278	29.5	19.3	11.93	11.97	11.37	10.77
88	4	8	13	34.4	OFF 382	51.5	27.1	12.89	12.10	11.58	10.98
					ON 182	-44.3	23.3	11.36	0.00	0.00	0.00
88	4	1	66	174.6	OFF 183	-41.4	22.2	11.37	0.00	0.00	0.00
					ON 285	34.5	20.1	12.81	12.83	11.43	10.83
93	7	1	61	161.3	OFF 297	44.3	23.1	12.87	12.89	11.49	10.89
					ON 252	57.7	158.8	11.83	12.10	11.58	10.98
95	7	1	21	55.5	OFF 236	48.6	156.1	11.73	12.10	11.58	10.98
					ON 387	56.4	28.3	12.11	12.10	11.58	10.98
98	3	1	48	185.8	OFF 388	59.2	38.8	12.12	12.10	11.58	10.98
					ON 269	23.8	16.7	11.93	11.86	11.26	10.66
100	3	1	73	193.1	OFF 288	38.4	17.5	11.98	11.98	11.38	10.78
					ON 292	38.8	18.6	12.84	12.85	11.45	10.85
102	8	1	65	171.9	OFF 383	48.8	22.3	12.89	12.10	11.58	10.98
					ON 285	32.6	17.1	12.81	12.81	11.41	10.81
102	8	2	66	174.6	OFF 297	42.5	19.5	12.87	12.88	11.48	10.88
					ON 382	48.1	21.5	12.89	12.10	11.58	10.98
103	5	1	79	289.8	OFF 387	57.5	27.8	12.12	12.10	11.58	10.98
					ON 298	42.4	19.2	12.87	12.88	11.48	10.88
104	7	1	138	365.8	OFF 386	53.9	24.2	12.11	12.10	11.58	10.98
					ON 276	29.6	16.3	11.96	11.97	11.37	10.77
104	7	2	41	188.4	OFF 298	58.2	22.8	12.87	12.10	11.58	10.98
					ON 388	69.2	42.1	12.88	12.10	11.58	10.98
106	6	1	92	243.3	OFF 296	73.4	56.5	12.86	12.10	11.58	10.98
					ON 382	61.8	28.9	12.89	12.10	11.58	10.98
111	9	1	21	55.5	OFF 297	72.3	58.1	12.87	12.10	11.58	10.98
					ON 388	52.8	21.1	12.88	12.10	11.58	10.98
113	9	1	27	71.4	OFF 381	55.1	22.7	12.89	12.10	11.58	10.98
					ON 269	23.4	14.1	11.92	11.85	11.25	10.65
115	7	1	55	145.5	OFF 275	27.8	14.5	11.96	11.94	11.34	10.74
					ON 254	14.2	13.8	11.84	11.44	10.84	10.24
116	7	1	73	193.1	OFF 278	23.5	13.8	11.93	11.85	11.25	10.65
					ON 291	39.6	15.8	12.84	12.86	11.46	10.86
118	5	1	28	52.9	OFF 388	58.4	19.1	12.88	12.10	11.58	10.98
					ON 255	14.1	13.3	11.85	11.43	10.83	10.23
118	5	2	36	95.2	OFF 261	17.7	13.1	11.88	11.64	11.84	10.44
					ON 289	37.8	14.9	12.83	12.85	11.45	10.85
118	5	3	93	246.8	OFF 295	42.6	16.1	12.85	12.88	11.48	10.88
					ON 298	47.4	17.5	12.87	12.10	11.58	10.98
119	2	1	21	55.5	OFF 382	68.7	24.5	12.89	12.10	11.58	10.98
					ON 283	31.5	13.9	12.88	11.99	11.39	10.79
119	2	2	34	89.9	OFF 287	34.8	14.3	12.82	12.83	11.43	10.83
					ON 291	38.5	15.8	12.84	12.86	11.46	10.86
120	1	1	111	293.6	OFF 296	43.7	16.2	12.86	12.89	11.49	10.89
					ON 277	29.5	13.4	11.97	11.97	11.37	10.77
127	9	1	17	45.8	OFF 294	46.6	16.8	12.85	12.10	11.58	10.98
					ON 298	54.2	17.9	12.87	12.10	11.58	10.98
129	6	1	28	52.9	OFF 298	56.8	19.1	12.87	12.10	11.58	10.98
					ON 278	28.4	11.8	11.97	11.95	11.35	10.75
130	4	1	49	129.6	OFF 282	31.7	12.1	11.99	12.88	11.48	10.88
					ON 254	12.5	11.5	11.84	11.31	10.71	10.11
131	4	1	54	142.8	OFF 267	28.9	11.2	11.92	11.77	11.17	10.57
					ON 257	13.8	11.2	11.86	11.41	10.81	10.21
133	4	1	88	232.8	OFF 271	23.1	11.1	11.94	11.84	11.24	10.64
					ON 297	47.9	14.2	12.86	12.10	11.58	10.98
133	4	2	27	71.4	OFF 298	61.2	19.8	12.87	12.10	11.58	10.98
					ON 296	65.6	23.4	12.86	12.10	11.58	10.98
134	9	1	145	383.5	OFF 294	69.5	27.8	12.85	12.10	11.58	10.98
					ON 291	39.5	12.2	12.84	12.86	11.46	10.86
					OFF 298	61.2	19.5	12.87	12.10	11.58	10.98

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136	3	1	187	283.8	ON	281	38.2	18.7	11.99	11.98	11.38	18.78
					OFF	295	46.6	13.2	12.86	12.18	11.58	18.98
142	4	1	17	45.8	ON	296	49.3	12.5	12.86	12.18	11.58	18.98
					OFF	297	52.1	13.2	12.87	12.18	11.58	18.98
143	8	1	28	52.9	ON	297	51.4	12.8	12.87	12.18	11.58	18.98
					OFF	297	54.5	13.7	12.87	12.18	11.58	18.98
148	7	1	69	182.5	ON	259	12.8	8.7	11.87	11.27	10.67	18.87
					OFF	276	23.7	8.3	11.96	11.86	11.26	18.66
148	7	2	28	52.9	ON	291	38.1	9.3	12.84	12.85	11.45	18.85
					OFF	293	41.3	9.7	12.85	12.88	11.48	18.88
148	7	3	17	45.8	ON	297	49.2	11.8	12.86	12.18	11.58	18.98
					OFF	297	51.9	11.7	12.87	12.18	11.58	18.98
149	8	1	28	52.9	ON	288	33.7	8.6	12.82	12.82	11.42	18.82
					OFF	298	36.9	8.9	12.83	12.85	11.45	18.85
149	8	2	92	243.3	ON	296	57.2	13.8	12.86	12.18	11.58	18.98
					OFF	289	71.8	21.9	12.83	12.18	11.58	18.98
149	8	3	18	47.6	ON	261	82.8	119.6	11.88	12.18	11.58	18.98
					OFF	257	88.1	135.4	11.86	12.18	11.58	18.98
158	8	1	59	156.1	ON	278	28.5	7.9	11.93	11.76	11.16	18.56
					OFF	282	38.2	8.2	11.99	11.98	11.38	18.78
158	8	2	48	185.8	ON	296	47.4	18.2	12.86	12.18	11.58	18.98
					OFF	297	53.5	11.6	12.87	12.18	11.58	18.98
158	8	3	33	87.3	ON	297	56.3	12.4	12.87	12.18	11.58	18.98
					OFF	296	61.4	14.4	12.86	12.18	11.58	18.98
151	8	1	151	399.4	ON	283	29.8	8.8	12.88	11.96	11.36	18.76
					OFF	297	52.4	11.1	12.87	12.18	11.58	18.98
152	1	1	127	335.9	ON	285	29.9	7.8	12.81	11.97	11.37	18.77
					OFF	297	49.4	18.1	12.87	12.18	11.58	18.98
152	1	2	59	156.1	ON	286	73.3	23.3	12.81	12.18	11.58	18.98
					OFF	275	81.3	48.8	11.96	12.18	11.58	18.98
153	5	1	67	177.2	ON	291	67.7	17.8	12.84	12.18	11.58	18.98
					OFF	281	77.4	38.6	11.99	12.18	11.58	18.98

PHOTOGRAPHIC SUMMARY

AFT	PAN	CAMERA	NO	173	8.1588	SLIT	W/21	FILTER	3484	FILM		
OPN	NO	FRA	FEET		ET	S-EL	S-DIR	EV	FULL	INT	PRI	
73	2	2	5	13.2	ON	421	39.9	24.3	12.57	12.72	12.12	11.52
					OFF	422	48.6	24.6	12.57	12.72	12.12	11.52
81	8	8	4	18.6	ON	234	29.9	19.7	11.72	12.62	12.82	11.42
					OFF	234	31.4	28.1	11.72	12.64	12.84	11.44
84	9	1	28	52.9	ON	417	37.5	21.2	12.56	12.78	12.18	11.58
					OFF	424	48.6	22.3	12.58	12.72	12.12	11.52
84	9	2	113	298.9	ON	429	43.2	23.3	12.68	12.74	12.14	11.54
					OFF	449	58.7	33.7	12.66	12.75	12.15	11.55
85	9	1	16	42.3	ON	341	11.8	15.2	12.27	11.83	11.23	18.63
					OFF	358	14.1	16.8	12.38	12.88	11.48	18.88
85	9	2	187	283.8	ON	431	44.1	23.4	12.68	12.74	12.14	11.54
					OFF	449	58.6	33.4	12.66	12.75	12.15	11.55
86	5	1	26	68.8	ON	481	38.6	19.8	12.58	12.63	12.83	11.43
					OFF	411	34.8	28.8	12.54	12.68	12.88	11.48
86	5	2	73	193.1	ON	424	48.3	21.8	12.58	12.72	12.12	11.52
					OFF	442	58.8	26.6	12.64	12.75	12.15	11.55
86	5	3	35	92.6	ON	446	54.1	28.9	12.65	12.75	12.15	11.55
					OFF	449	58.7	33.1	12.66	12.75	12.15	11.55
87	8	1	148	391.5	ON	489	28.6	18.4	12.53	12.68	12.88	11.48
					OFF	457	58.7	26.4	12.69	12.75	12.15	11.55
88	4	8	13	34.4	ON	277	-45.7	23.5	11.97	8.88	8.88	8.88
					OFF	279	-42.9	22.3	11.98	8.88	8.88	8.88
88	4	1	67	177.2	ON	432	33.6	19.4	12.61	12.67	12.87	11.47
					OFF	458	43.4	22.5	12.67	12.74	12.14	11.54
93	7	1	62	164.8	ON	382	58.7	149.3	12.43	12.75	12.15	11.55

OPANE

95	7	1	21	55.5	OFF 358	49.6	155.9	12.34	12.75	12.15	11.55
					ON 465	55.7	27.5	12.71	12.75	12.15	11.55
98	3	1	41	188.4	OFF 466	58.5	29.9	12.72	12.75	12.15	11.55
					ON 488	22.9	15.5	12.53	12.49	11.89	11.29
188	3	1	74	195.7	OFF 424	29.4	16.6	12.58	12.62	12.82	11.42
					ON 442	37.1	18.8	12.64	12.78	12.18	11.58
182	8	1	65	171.9	OFF 458	47.9	21.7	12.69	12.75	12.15	11.55
					ON 431	31.7	16.4	12.68	12.65	12.85	11.45
182	8	2	67	177.2	OFF 458	41.6	18.9	12.66	12.73	12.13	11.53
					ON 458	47.3	28.9	12.69	12.75	12.15	11.55
183	5	1	88	211.6	OFF 466	56.7	26.2	12.71	12.75	12.15	11.55
					ON 451	41.5	18.6	12.67	12.73	12.13	11.53
184	7	1	138	365.8	OFF 464	53.1	23.5	12.71	12.75	12.15	11.55
					ON 416	28.7	15.4	12.55	12.61	12.81	11.41
184	7	2	42	111.1	OFF 449	49.4	21.4	12.66	12.75	12.15	11.55
					ON 451	68.5	48.5	12.67	12.75	12.15	11.55
186	6	1	92	243.3	OFF 445	72.9	53.9	12.65	12.75	12.15	11.55
					ON 455	68.3	27.9	12.68	12.75	12.15	11.55
111	9	1	21	55.5	OFF 447	71.7	47.9	12.66	12.75	12.15	11.55
					ON 452	51.2	28.5	12.67	12.75	12.15	11.55
113	9	1	27	71.4	OFF 453	54.3	22.1	12.68	12.75	12.15	11.55
					ON 485	22.4	13.8	12.51	12.47	11.87	11.27
115	7	1	55	145.5	OFF 415	26.9	13.6	12.55	12.58	11.98	11.38
					ON 383	13.2	11.2	12.43	12.82	11.42	18.82
116	7	1	73	193.1	OFF 486	22.5	12.6	12.52	12.48	11.88	11.28
					ON 439	38.7	15.2	12.63	12.71	12.11	11.51
118	5	1	28	52.9	OFF 451	49.6	18.6	12.67	12.75	12.15	11.55
					ON 385	13.1	18.7	12.44	12.81	11.41	18.81
118	5	2	37	97.9	OFF 393	16.7	11.3	12.47	12.24	11.64	11.84
					ON 435	36.2	14.3	12.62	12.69	12.89	11.49
118	5	3	93	246.8	OFF 443	41.8	15.6	12.64	12.73	12.13	11.53
					ON 449	46.5	17.8	12.66	12.75	12.15	11.55
119	2	1	21	55.5	OFF 454	59.9	23.7	12.68	12.75	12.15	11.55
					ON 426	38.6	13.1	12.59	12.63	12.83	11.43
119	2	2	34	89.9	OFF 432	33.9	13.7	12.61	12.67	12.87	11.47
					ON 438	37.6	14.4	12.63	12.78	12.18	11.58
128	1	1	112	296.2	OFF 445	42.8	15.7	12.65	12.73	12.13	11.53
					ON 428	28.5	12.6	12.57	12.68	12.88	11.48
127	9	1	17	45.8	OFF 446	45.8	16.3	12.65	12.75	12.15	11.55
					ON 452	53.4	17.3	12.67	12.75	12.15	11.55
129	6	1	21	55.5	OFF 453	56.8	18.5	12.67	12.75	12.15	11.55
					ON 422	27.5	11.8	12.57	12.59	11.99	11.39
138	4	1	49	129.6	OFF 428	38.8	11.4	12.59	12.63	12.83	11.43
					ON 386	11.5	8.6	12.44	11.88	11.28	18.68
131	4	1	55	145.5	OFF 486	19.9	9.9	12.52	12.39	11.79	11.19
					ON 398	12.8	8.7	12.46	11.99	11.39	18.79
133	4	1	89	235.4	OFF 411	22.2	18.8	12.54	12.46	11.86	11.26
					ON 458	47.1	13.7	12.66	12.75	12.15	11.55
133	4	2	27	71.4	OFF 452	68.4	19.1	12.67	12.75	12.15	11.55
					ON 449	64.8	22.4	12.66	12.75	12.15	11.55
134	9	1	145	383.5	OFF 446	68.8	26.6	12.65	12.75	12.15	11.55
					ON 442	38.6	11.7	12.64	12.71	12.11	11.51
136	3	1	187	283.8	OFF 452	68.4	18.8	12.67	12.75	12.15	11.55
					ON 426	29.3	18.8	12.59	12.62	12.82	11.42
142	4	1	18	47.6	OFF 447	45.7	12.7	12.65	12.75	12.15	11.55
					ON 449	48.5	12.8	12.66	12.75	12.15	11.55
143	8	1	28	52.9	OFF 458	51.2	12.8	12.66	12.75	12.15	11.55
					ON 458	58.5	12.3	12.66	12.75	12.15	11.55
148	7	1	69	182.5	OFF 458	53.6	13.2	12.67	12.75	12.15	11.55
					ON 393	11.8	5.8	12.47	11.83	11.23	18.63
					OFF 419	22.8	7.3	12.56	12.48	11.88	11.28

SECRET

148	7	2	28	52.9	ON 442	37.2	8.8	12.64	12.78	12.18	11.58
					OFF 445	48.5	9.2	12.65	12.72	12.12	11.52
148	7	3	17	45.8	ON 449	48.3	18.6	12.66	12.75	12.15	11.55
					OFF 458	51.8	11.2	12.67	12.75	12.15	11.55
149	8	1	21	55.5	ON 437	32.8	8.1	12.62	12.66	12.86	11.46
					OFF 448	36.8	8.4	12.63	12.69	12.89	11.49
149	8	2	93	246.8	ON 449	56.4	12.5	12.66	12.75	12.15	11.55
					OFF 438	78.2	28.8	12.63	12.75	12.15	11.55
149	8	3	18	47.6	ON 397	82.5	113.3	12.48	12.75	12.15	11.55
					OFF 398	88.8	131.4	12.46	12.75	12.15	11.55
150	8	1	68	158.7	ON 489	19.5	6.6	12.53	12.37	11.77	11.17
					OFF 428	29.3	7.5	12.59	12.61	12.81	11.41
150	8	2	48	185.8	ON 448	46.5	9.8	12.66	12.75	12.15	11.55
					OFF 458	52.6	11.1	12.67	12.75	12.15	11.55
150	8	3	34	89.9	ON 458	55.5	11.9	12.67	12.75	12.15	11.55
					OFF 449	68.6	13.8	12.66	12.75	12.15	11.55
151	8	1	153	484.7	ON 438	28.1	7.2	12.68	12.68	12.88	11.48
					OFF 458	51.6	18.6	12.67	12.75	12.15	11.55
152	1	1	128	338.6	ON 432	29.8	7.2	12.61	12.61	12.81	11.41
					OFF 458	48.6	9.7	12.66	12.75	12.15	11.55
152	1	2	68	158.7	ON 434	72.5	22.8	12.61	12.75	12.15	11.55
					OFF 417	88.7	44.3	12.56	12.75	12.15	11.55
153	5	1	68	179.9	ON 441	66.9	16.2	12.64	12.75	12.15	11.55
					OFF 426	76.7	28.4	12.59	12.75	12.15	11.55

STELLAR-INDEX SUMMARY

CAMERA DATA	ET	FILM FILTER	GRID	ASSEMBLY NO
STELLAR	2.8	3481	NONE	D64
INDEX	1/500	3480	W/21	66

PERFORMANCE SUMMARY

OPN NO	FR	STEL FEET	INDX FEET	H	M	S	Q	LAT	LONG	OFF LAT	OFF LONG	SEC DUR			
84	9	1	3	0.38	0.59	3	36	36	2	51	138E	2	48	131E	49
84	9	2	16	1.58	3.17	3	38	6	2	45	132E	2	28	136E	254
85	9	1	2	0.28	0.48	4	59	46	2	76	76E	2	73	84E	48
85	9	2	15	1.48	2.97	5	8	19	2	44	189E	2	28	113E	239
86	5	1	4	0.48	0.79	6	34	46	2	58	81E	2	54	83E	65
86	5	2	18	0.99	1.98	6	37	18	2	48	85E	2	37	89E	167
86	5	3	5	0.58	0.99	6	41	8	2	33	89E	2	28	98E	77
87	8	1	21	2.88	4.16	8	4	15	2	68	57E	2	37	66E	348
88	4	8	2	0.28	0.48	9	14	55	1	39	113W	1	42	113W	47
88	4	1	9	0.89	1.78	9	35	32	2	55	37E	2	45	41E	153
93	7	1	9	0.89	1.78	17	25	29	3	25	68W	3	35	59W	151
95	7	1	3	0.38	0.59	28	11	4	2	32	113W	2	29	113W	47
98	3	1	6	0.59	1.19	8	32	23	2	65	163E	2	59	169E	188
100	3	1	18	0.99	1.98	3	35	53	2	52	127E	2	48	131E	168
102	8	1	9	0.89	1.78	6	34	23	2	57	79E	2	47	84E	152
102	8	2	18	0.99	1.98	6	38	23	2	41	85E	2	31	87E	158
103	5	1	11	1.89	2.18	8	6	58	2	47	61E	2	35	64E	188
104	7	1	28	1.98	3.96	9	33	38	2	68	32E	2	39	48E	318
104	7	2	6	0.59	1.19	9	44	7	2	17	44E	2	11	45E	93
106	6	1	13	1.29	2.57	12	41	32	2	27	2W	2	13	8W	288
111	9	1	3	0.38	0.59	28	8	41	2	37	117W	2	34	116W	48
113	9	1	4	0.48	0.79	23	1	13	2	66	176W	2	62	172W	67
115	7	1	7	0.69	1.39	1	58	44	2	74	124E	2	66	138E	148
116	7	1	11	1.89	2.18	3	35	1	2	58	126E	2	39	129E	166
118	5	1	3	0.38	0.59	6	28	26	2	74	56E	2	71	63E	54
118	5	2	5	0.58	0.99	6	34	11	2	52	79E	2	47	81E	85
118	5	3	13	1.29	2.57	6	36	48	2	42	83E	2	28	86E	288
119	2	1	3	0.38	0.59	8	2	42	2	58	54E	2	55	56E	58

SECRET

119	2	2	5	0.50	0.99	8	4	27	2	51	57E	2	46	59E	78
120	1	1	16	1.58	3.17	9	32	5	2	60	30E	2	43	37E	259
127	9	1	2	0.20	0.40	20	7	31	2	35	118W	2	33	118W	39
129	6	1	3	0.30	0.59	23	8	47	2	61	173W	2	58	171W	49
130	4	1	7	0.69	1.39	0	26	43	2	75	141E	2	68	156E	125
131	4	1	8	0.79	1.58	1	56	54	2	74	122E	2	66	136E	139
133	4	1	12	1.19	2.38	5	5	8	2	42	104E	2	28	106E	201
133	4	2	4	0.40	0.79	5	9	39	2	23	107E	2	19	100E	62
134	9	1	21	2.08	4.16	6	32	54	2	50	78E	2	20	84E	328
136	3	1	15	1.48	2.97	9	30	20	2	59	29E	2	43	35E	244
142	4	1	3	0.30	0.59	10	34	11	2	40	99W	2	37	98W	41
143	8	1	3	0.30	0.59	20	4	32	2	30	121W	2	35	120W	46
148	7	1	9	0.89	1.78	3	24	2	2	75	94E	2	65	112E	173
148	7	2	3	0.30	0.59	3	30	20	2	51	121E	2	40	122E	47
148	7	3	3	0.30	0.59	3	33	11	2	40	125E	2	38	125E	40
149	8	1	3	0.30	0.59	4	59	12	2	55	97E	2	52	90E	40
149	8	2	13	1.29	2.57	5	5	1	2	32	104E	2	18	106E	209
149	8	3	2	0.20	0.40	5	13	47	3	2	109E	3	5	109E	46
150	8	1	9	0.89	1.78	6	25	47	2	60	64E	2	59	72E	143
150	8	2	5	0.50	0.99	6	32	24	2	42	79E	2	36	80E	91
150	8	3	5	0.50	0.99	6	34	37	2	33	81E	2	28	82E	76
151	8	1	22	2.10	4.36	7	57	43	2	60	49E	2	37	50E	346
152	1	1	18	1.78	3.56	9	27	46	2	59	27E	2	40	34E	288
152	1	2	8	0.79	1.58	9	30	34	2	16	30E	2	6	40E	141
153	5	1	10	0.99	1.98	11	6	57	2	22	15E	2	11	16E	153

NOTE 1 TM DATA INDICATE NORMAL SYSTEM PERFORMANCE.
 2 NOMINAL FILM OUTAGE WOULD OCCUR DURING THE LATTER PART OF OPERATION ON REV 153. AN ENGINEERING OPERATION ON REV 159 INDICATED COMPLETE FILM OUTAGE.

- A. 1024-2
- B. DRY
- C. FINAL PERFORMANCE ESTIMATE, PART TWO

RATE ESTIMATE

FWD PAN CAMERA NUMBER 172

OPN NO	FR	R	A	TUR/	INST	INST	SCAN RATE	PCT RATE
				DUR	CPS	ANG VEL	R/SEC I/SEC	CALIB REGD
73	2	2	5	6	4 ON	1521	0.4147 0.03499	2.606 62.53 -3.8 -2.6
					OFF	12	0.4159 0.03509	2.613 62.71 -3.8 -2.7
81	0	0	4	6	4 ON	0	0.2293 0.01935	1.441 34.50 -3.8 -76.1
					OFF	24	0.2293 0.01935	1.441 34.50 -3.8 -77.0
84	9	1	20	6	4 ON	1498	0.4113 0.03471	2.504 62.03 -3.8 -3.4
					OFF	49	0.4170 0.03525	2.625 63.00 -3.8 -3.6
84	9	2	112	6	4 ON	1587	0.4235 0.03573	2.661 63.06 -3.8 -3.6
					OFF	254	0.4431 0.03730	2.704 66.01 -3.8 -4.9
85	9	1	16	6	4 ON	1092	0.3361 0.02036	2.112 50.69 -3.8 -6.4
					OFF	48	0.3450 0.02911	2.160 52.02 -3.8 -5.9
85	9	2	105	6	4 ON	1605	0.4256 0.03591	2.674 64.17 -3.8 -3.7
					OFF	239	0.4431 0.03739	2.704 66.02 -3.8 -4.9
86	5	1	26	6	4 ON	1397	0.3952 0.03334	2.403 59.59 -3.8 -3.5
					OFF	65	0.4054 0.03420	2.547 61.13 -3.8 -3.5
86	5	2	72	6	4 ON	1549	0.4185 0.03531	2.630 63.11 -3.8 -3.5
					OFF	167	0.4360 0.03679	2.740 65.75 -3.8 -4.3
86	5	3	34	6	4 ON	1771	0.4400 0.03713	2.765 66.35 -3.8 -4.5
					OFF	77	0.4432 0.03740	2.705 66.04 -3.8 -4.9
87	8	1	147	6	4 ON	1370	0.4037 0.03407	2.537 60.00 -0.6 -0.2
					OFF	348	0.4511 0.03007	2.035 60.03 -0.6 -0.0
88	4	0	13	5	5 ON	224	0.2720 0.02295	1.709 41.01 -0.6 6.9
					OFF	47	0.2741 0.02313	1.722 41.33 -0.6 6.3

88	4	1	66	5	5	ON	1461	0.4258	0.83593	2.675	64.28	-0.6	1.8
						OFF	153	0.4442	0.83748	2.791	66.98	-0.6	0.7
93	7	1	61	5	5	ON	2675	0.3761	0.83174	2.363	56.72	-0.6	0.8
						OFF	151	0.3527	0.82976	2.216	53.18	-0.6	2.6
95	7	1	21	5	5	ON	1818	0.4587	0.83878	2.882	69.17	-0.6	-0.8
						OFF	47	0.4599	0.83881	2.898	69.35	-0.6	-1.1
98	3	1	48	5	5	ON	1313	0.4826	0.83397	2.538	68.72	-0.6	1.9
						OFF	188	0.4183	0.83529	2.628	63.88	-0.6	1.6
100	3	1	73	5	5	ON	1537	0.4358	0.83677	2.738	65.71	-0.6	1.2
						OFF	168	0.4522	0.83816	2.841	68.19	-0.6	0.1
102	8	1	65	5	5	ON	1459	0.4254	0.83598	2.673	64.15	-0.6	1.5
						OFF	152	0.4439	0.83746	2.789	66.94	-0.6	0.7
102	8	2	66	5	5	ON	1698	0.4528	0.83814	2.848	68.16	-0.6	0.2
						OFF	158	0.4595	0.83877	2.887	69.29	-0.6	-0.8
103	5	1	79	5	5	ON	1621	0.4452	0.83757	2.797	67.14	-0.6	0.9
						OFF	188	0.4579	0.83864	2.877	69.85	-0.6	-0.4
104	7	1	138	5	5	ON	1427	0.4125	0.83481	2.592	62.21	-2.5	-0.1
						OFF	318	0.4468	0.83763	2.882	67.25	-2.5	-2.1
104	7	2	41	5	5	ON	2865	0.4478	0.83778	2.814	67.52	-2.5	-3.8
						OFF	93	0.4428	0.83738	2.777	66.65	-2.5	-3.8
106	6	1	92	5	5	ON	1923	0.4514	0.83889	2.836	68.87	-2.5	-3.2
						OFF	288	0.4448	0.83746	2.789	66.95	-2.5	-3.8
111	9	1	21	5	5	ON	1793	0.4486	0.83786	2.819	67.65	-2.5	-2.3
						OFF	48	0.4582	0.83799	2.829	67.89	-2.5	-2.6
113	9	1	27	5	5	ON	1358	0.4819	0.83391	2.525	68.61	-2.5	-0.2
						OFF	67	0.4117	0.83474	2.587	62.88	-2.5	-0.4
115	7	1	55	5	5	ON	1227	0.3888	0.83286	2.388	57.38	-2.5	-0.6
						OFF	148	0.4829	0.83399	2.531	68.75	-2.5	-0.4
116	7	1	73	5	5	ON	1613	0.4356	0.83676	2.737	65.69	-2.5	-1.1
						OFF	166	0.4479	0.83779	2.814	67.54	-2.5	-2.3
118	5	1	28	5	5	ON	1236	0.3815	0.83219	2.397	57.53	-2.5	-0.7
						OFF	54	0.3982	0.83292	2.452	58.84	-2.5	-0.6
118	5	2	36	5	5	ON	1581	0.4323	0.83648	2.716	65.19	-2.5	-1.8
						OFF	85	0.4482	0.83715	2.766	66.39	-2.5	-1.6
118	5	3	93	5	5	ON	1738	0.4457	0.83761	2.881	67.22	-2.5	-2.8
						OFF	288	0.4513	0.83888	2.836	68.85	-2.5	-3.3
119	2	1	21	5	5	ON	1581	0.4227	0.83566	2.656	63.74	-2.5	-0.7
						OFF	58	0.4285	0.83615	2.692	64.61	-2.5	-1.8
119	2	2	34	5	5	ON	1686	0.4358	0.83678	2.733	65.59	-2.5	-1.2
						OFF	78	0.4418	0.83728	2.776	66.62	-2.5	-1.7
120	1	1	111	5	5	ON	1474	0.4141	0.83494	2.682	62.45	-3.7	-1.8
						OFF	259	0.4399	0.83712	2.764	66.34	-3.7	-3.3
127	9	1	17	5	5	ON	1868	0.4456	0.83759	2.799	67.19	-3.7	-4.1
						OFF	39	0.4468	0.83763	2.882	67.25	-3.7	-4.3
129	6	1	28	5	5	ON	1486	0.4157	0.83588	2.612	62.69	-3.7	-1.8
						OFF	49	0.4215	0.83557	2.649	63.56	-3.7	-2.1
130	4	1	49	5	5	ON	1253	0.3798	0.83285	2.387	57.28	-3.7	-2.1
						OFF	125	0.3998	0.83373	2.512	68.28	-3.7	-1.9
131	4	1	54	5	5	ON	1275	0.3836	0.83237	2.418	57.85	-3.7	-2.1
						OFF	139	0.4852	0.83419	2.546	61.18	-3.7	-1.9
133	4	1	88	5	5	ON	1791	0.4432	0.83748	2.785	66.83	-3.7	-3.5
						OFF	281	0.4452	0.83756	2.797	67.13	-3.7	-4.7
133	4	2	27	5	5	ON	2862	0.4426	0.83734	2.781	66.74	-3.7	-5.8
						OFF	62	0.4391	0.83785	2.759	66.22	-3.7	-5.1
134	9	1	145	5	5	ON	1667	0.4353	0.83673	2.735	65.65	-3.7	-2.7
						OFF	328	0.4451	0.83756	2.797	67.12	-3.7	-4.7
136	3	1	107	5	5	ON	1538	0.4282	0.83545	2.648	63.36	-4.2	-2.5
						OFF	244	0.4485	0.83717	2.768	66.42	-4.2	-3.9
142	4	1	17	5	5	ON	1848	0.4428	0.83736	2.782	66.77	-4.2	-4.3
						OFF	41	0.4435	0.83742	2.787	66.88	-4.2	-4.6
143	8	1	28	5	5	ON	1874	0.4435	0.83742	2.787	66.88	-4.2	-4.5

SECRET

148	7	1	69	5	5	OFF	46	0.4438	0.83745	2.789	66.93	-4.2	-4.8
						ON	1389	0.3873	0.83268	2.434	58.41	-4.2	-2.8
						OFF	173	0.4128	0.83483	2.593	62.24	-4.2	-2.6
148	7	2	28	5	5	ON	1695	0.4354	0.83674	2.736	65.66	-4.2	-3.3
						OFF	47	0.4384	0.83699	2.754	66.18	-4.2	-3.6
148	7	3	17	5	5	ON	1858	0.4432	0.83748	2.785	66.83	-4.2	-4.4
						OFF	48	0.4437	0.83744	2.788	66.91	-4.2	-4.6
149	8	1	28	5	5	ON	1634	0.4383	0.83631	2.784	64.89	-4.2	-2.9
						OFF	48	0.4342	0.83663	2.728	65.47	-4.2	-3.2
149	8	2	92	5	5	ON	1984	0.4431	0.83739	2.784	66.82	-4.2	-5.1
						OFF	289	0.4317	0.83643	2.713	65.18	-4.2	-5.9
149	8	3	18	5	5	ON	2589	0.3988	0.83297	2.455	58.93	-4.2	-6.8
						OFF	46	0.3838	0.83238	2.411	57.87	-4.2	-5.8
150	8	1	59	5	5	ON	1418	0.4231	0.83481	2.533	60.79	-4.2	-3.7
						OFF	143	0.4216	0.83557	2.649	63.58	-4.2	-3.7
150	8	2	48	5	5	ON	1887	0.4417	0.83727	2.775	66.61	-4.2	-4.4
						OFF	91	0.4437	0.83744	2.788	66.91	-4.2	-4.8
150	8	3	33	5	5	ON	1948	0.4438	0.83744	2.788	66.92	-4.2	-5.8
						OFF	76	0.4424	0.83733	2.779	66.71	-4.2	-5.2
151	8	1	151	5	5	ON	1568	0.4237	0.83575	2.662	63.89	-4.2	-2.8
						OFF	346	0.4438	0.83745	2.789	66.93	-4.2	-4.7
152	1	1	127	5	5	ON	1585	0.4255	0.83598	2.674	64.16	-4.2	-2.8
						OFF	288	0.4434	0.83742	2.786	66.87	-4.2	-4.4
152	1	2	59	5	5	ON	2234	0.4275	0.83687	2.686	64.47	-4.2	-6.8
						OFF	141	0.4112	0.83478	2.584	62.81	-4.2	-6.8
153	5	1	67	5	5	ON	2152	0.4348	0.83669	2.732	65.57	-4.2	-5.9
						OFF	153	0.4281	0.83545	2.648	63.35	-4.2	-6.1

RATE ESTIMATE
AFT PAN CAMERA NUMBER 173

OPN NO	FR	R	A	TUR/DUR	INST CPS	INST ANG VEL	SCAN R/SEC	RATE I/SEC	PCT CALIB	RATE REQD			
73	2	2	5	6	4	ON	1521	0.4188	0.83534	2.631	63.16	-2.9	-1.5
						OFF	12	0.4288	0.83544	2.639	63.33	-2.9	-1.7
81	8	8	4	6	4	ON	8	0.2331	0.81967	1.465	35.15	-2.9	-73.3
						OFF	24	0.2331	0.81967	1.465	35.15	-2.9	-75.8
84	9	1	28	6	4	ON	1498	0.4154	0.83585	2.618	62.65	-2.9	-2.4
						OFF	49	0.4219	0.83568	2.651	63.62	-2.9	-2.6
84	9	2	113	6	4	ON	1587	0.4276	0.83688	2.687	64.48	-2.9	-2.6
						OFF	254	0.4472	0.83774	2.818	67.44	-2.9	-3.9
85	9	1	16	6	4	ON	1892	0.3481	0.82878	2.137	51.29	-2.9	-5.1
						OFF	48	0.3498	0.82945	2.193	52.63	-2.9	-4.7
85	9	2	187	6	4	ON	1685	0.4297	0.83626	2.788	64.88	-2.9	-2.7
						OFF	239	0.4473	0.83774	2.811	67.45	-2.9	-3.9
86	5	1	26	6	4	ON	1397	0.3993	0.83369	2.589	68.21	-2.9	-2.4
						OFF	65	0.4895	0.83455	2.573	61.75	-2.9	-2.5
86	5	2	73	6	4	ON	1549	0.4227	0.83566	2.656	63.73	-2.9	-2.5
						OFF	167	0.4482	0.83714	2.766	66.38	-2.9	-3.3
86	5	3	35	6	4	ON	1771	0.4442	0.83748	2.791	66.98	-2.9	-3.5
						OFF	77	0.4474	0.83775	2.811	67.47	-2.9	-3.9
87	8	1	148	6	4	ON	1378	0.4877	0.83448	2.562	61.48	8.4	8.8
						OFF	348	0.4552	0.83841	2.868	68.64	8.4	8.1
88	4	8	13	5	5	ON	224	0.2758	0.82327	1.733	41.59	8.4	8.2
						OFF	47	0.2779	0.82345	1.746	41.91	8.4	7.6
88	4	1	67	5	5	ON	1461	0.4298	0.83626	2.788	64.81	8.4	2.7
						OFF	153	0.4482	0.83782	2.816	67.59	8.4	1.6
93	7	1	62	5	5	ON	2675	0.3881	0.83287	2.388	57.31	8.4	1.8
						OFF	151	0.3566	0.83889	2.241	53.77	8.4	3.7
95	7	1	21	5	5	ON	1818	0.4627	0.83985	2.988	69.78	8.4	8.1
						OFF	47	0.4648	0.83915	2.915	69.97	8.4	-8.2
98	3	1	41	5	5	ON	1313	0.4866	0.83431	2.555	61.32	8.4	2.8

SECRET

SECRET

188	3	1	74	5	OFF	188	8.4223	8.83563	2.653	63.68	8.4	2.6
					5 ON	1537	8.4398	8.83711	2.763	66.32	8.4	2.1
					OFF	168	8.4563	8.83858	2.867	68.88	8.4	1.8
182	8	1	65	5	5 ON	1459	8.4295	8.83624	2.698	64.76	8.4	2.4
					OFF	152	8.4479	8.83788	2.814	67.55	8.4	1.5
182	8	2	67	5	5 ON	1698	8.4568	8.83848	2.865	68.77	8.4	1.8
					OFF	158	8.4636	8.83911	2.913	69.98	8.4	8.8
183	5	1	88	5	5 ON	1621	8.4492	8.83791	2.823	67.74	8.4	1.8
					OFF	188	8.4628	8.83898	2.983	69.66	8.4	8.5
184	7	1	138	5	5 ON	1427	8.4139	8.83493	2.681	62.42	-2.2	8.3
					OFF	318	8.4472	8.83774	2.818	67.44	-2.2	-1.8
184	7	2	42	5	5 ON	2865	8.4498	8.83789	2.821	67.71	-2.2	-3.5
					OFF	93	8.4433	8.83748	2.785	66.84	-2.2	-3.5
186	6	1	92	5	5 ON	1923	8.4526	8.83819	2.844	68.25	-2.2	-2.9
					OFF	288	8.4452	8.83757	2.797	67.14	-2.2	-3.5
111	9	1	21	5	5 ON	1793	8.4499	8.83796	2.827	67.84	-2.2	-2.8
					OFF	48	8.4515	8.83889	2.837	68.88	-2.2	-2.3
113	9	1	27	5	5 ON	1358	8.4834	8.83484	2.534	68.83	-2.2	8.1
					OFF	67	8.4131	8.83486	2.595	62.29	-2.2	-8.1
115	7	1	55	5	5 ON	1227	8.3816	8.83228	2.397	57.54	-2.2	-8.2
					OFF	148	8.4843	8.83412	2.548	68.97	-2.2	-8.8
116	7	1	73	5	5 ON	1613	8.4369	8.83687	2.745	65.89	-2.2	-8.8
					OFF	166	8.4491	8.83789	2.822	67.72	-2.2	-2.8
118	5	1	28	5	5 ON	1236	8.3831	8.83232	2.487	57.76	-2.2	-8.3
					OFF	54	8.3917	8.83385	2.461	59.87	-2.2	-8.2
118	5	2	37	5	5 ON	1581	8.4336	8.83659	2.724	65.39	-2.2	-8.7
					OFF	85	8.4415	8.83725	2.774	66.58	-2.2	-1.3
118	5	3	93	5	5 ON	1738	8.4478	8.83772	2.889	67.48	-2.2	-1.7
					OFF	288	8.4525	8.83818	2.843	68.24	-2.2	-3.1
119	2	1	21	5	5 ON	1581	8.4248	8.83578	2.664	63.94	-2.2	-8.3
					OFF	58	8.4298	8.83626	2.788	64.81	-2.2	-8.7
119	2	2	34	5	5 ON	1686	8.4363	8.83681	2.741	65.79	-2.2	-8.9
					OFF	78	8.4431	8.83738	2.784	66.81	-2.2	-1.4
120	1	1	112	5	5 ON	1474	8.4187	8.83533	2.631	63.14	-2.6	-8.7
					OFF	259	8.4446	8.83751	2.793	67.84	-2.6	-2.2
127	9	1	17	5	5 ON	1868	8.4582	8.83799	2.829	67.89	-2.6	-3.8
					OFF	39	8.4586	8.83882	2.831	67.95	-2.6	-3.2
129	6	1	21	5	5 ON	1486	8.4283	8.83546	2.641	63.38	-2.6	-8.7
					OFF	49	8.4261	8.83595	2.677	64.26	-2.6	-1.8
130	4	1	49	5	5 ON	1253	8.3843	8.83243	2.415	57.95	-2.6	-8.9
					OFF	125	8.4843	8.83411	2.548	68.96	-2.6	-8.7
131	4	1	55	5	5 ON	1275	8.3881	8.83275	2.439	58.53	-2.6	-8.9
					OFF	139	8.4897	8.83457	2.574	61.78	-2.6	-8.8
133	4	1	89	5	5 ON	1791	8.4478	8.83779	2.814	67.53	-2.6	-2.4
					OFF	281	8.4498	8.83796	2.826	67.83	-2.6	-3.6
133	4	2	27	5	5 ON	2862	8.4472	8.83773	2.818	67.44	-2.6	-3.9
					OFF	62	8.4438	8.83744	2.788	66.92	-2.6	-4.8
134	9	1	145	5	5 ON	1667	8.4488	8.83712	2.764	66.35	-2.6	-1.6
					OFF	328	8.4496	8.83795	2.826	67.82	-2.6	-3.6
136	3	1	187	5	5 ON	1538	8.4245	8.83582	2.667	64.81	-3.1	-1.5
					OFF	244	8.4449	8.83754	2.795	67.88	-3.1	-2.9
142	4	1	18	5	5 ON	1848	8.4472	8.83773	2.818	67.43	-3.1	-3.3
					OFF	41	8.4479	8.83788	2.815	67.55	-3.1	-3.6
143	8	1	28	5	5 ON	1874	8.4479	8.83779	2.814	67.54	-3.1	-3.5
					OFF	46	8.4482	8.83782	2.816	67.59	-3.1	-3.8
148	7	1	69	5	5 ON	1389	8.3916	8.83384	2.461	59.25	-3.1	-1.7
					OFF	173	8.4171	8.83519	2.621	62.98	-3.1	-1.6
148	7	2	28	5	5 ON	1695	8.4398	8.83711	2.763	66.32	-3.1	-2.3
					OFF	47	8.4428	8.83736	2.782	66.76	-3.1	-2.6
148	7	3	17	5	5 ON	1858	8.4476	8.83777	2.812	67.53	-3.1	-3.3
					OFF	42	8.4481	8.83781	2.816	67.58	-3.1	-3.6

SECRET

SECRET

149	8	1	21	5	5	ON	1634	0.4347	0.23668	2.731	65.55	-3.1	-1.9
						OFF	46	0.4386	0.23722	2.756	66.13	-3.1	-2.2
149	8	2	93	5	5	ON	1984	0.4475	0.23776	2.812	67.49	-3.1	-4.1
						OFF	269	0.4361	0.23682	2.742	65.76	-3.1	-4.9
149	8	3	18	5	5	ON	2529	0.3951	0.23333	2.482	59.57	-3.1	-4.9
						OFF	46	0.3888	0.23274	2.438	58.51	-3.1	-4.6
150	8	1	60	5	5	ON	1410	0.4274	0.23438	2.568	61.44	-3.1	-2.6
						OFF	143	0.4262	0.23594	2.676	64.23	-3.1	-2.6
150	8	2	40	5	5	ON	1827	0.4461	0.23764	2.893	67.27	-3.1	-3.4
						OFF	91	0.4481	0.23781	2.816	67.58	-3.1	-3.8
150	8	3	34	5	5	ON	1940	0.4482	0.23782	2.816	67.58	-3.1	-3.9
						OFF	76	0.4468	0.23778	2.827	67.37	-3.1	-4.1
151	8	1	153	5	5	ON	1568	0.4282	0.23612	2.689	64.55	-3.1	-1.7
						OFF	346	0.4482	0.23782	2.816	67.59	-3.1	-3.7
152	1	1	128	5	5	ON	1585	0.4299	0.23627	2.721	64.82	-3.1	-1.8
						OFF	288	0.4478	0.23779	2.814	67.53	-3.1	-3.4
152	1	2	60	5	5	ON	2234	0.4319	0.23644	2.714	65.13	-3.1	-5.2
						OFF	141	0.4155	0.23526	2.611	62.66	-3.1	-4.9
153	5	1	68	5	5	ON	2152	0.4392	0.23786	2.762	66.23	-3.1	-4.6
						OFF	153	0.4245	0.23581	2.667	64.81	-3.1	-5.2

RAMP PROFILE

R= 5 A= 5 PERIOD 3843
 R 0.3658 A 0.2973

TUR	PER	CPS	ANG V
00	3.724	0.2685	0.82423
100	3.711	0.2695	0.82437
200	3.672	0.2725	0.82464
300	3.686	0.2772	0.82583
400	3.521	0.2842	0.82569
500	3.422	0.2924	0.82644
600	3.389	0.3022	0.82734
700	3.191	0.3134	0.82835
800	3.071	0.3256	0.82945
900	2.952	0.3387	0.83263
1000	2.838	0.3523	0.83186
1100	2.730	0.3663	0.83313
1200	2.599	0.3848	0.83482
1300	2.484	0.4025	0.83641
1400	2.387	0.4192	0.83789
1500	2.307	0.4335	0.83922
1600	2.245	0.4455	0.84229
1700	2.202	0.4546	0.84112
1800	2.171	0.4626	0.84166
1900	2.162	0.4632	0.84188
2000	2.165	0.4622	0.84173
2100	2.186	0.4574	0.84137
2200	2.225	0.4495	0.84266
2300	2.286	0.4386	0.83967
2400	2.353	0.4252	0.83844
2500	2.443	0.4093	0.83782
2600	2.551	0.3922	0.83545
2700	2.676	0.3738	0.83382
2800	2.794	0.3578	0.83237
2900	2.926	0.3441	0.83112
3000	3.023	0.3388	0.82992
3100	3.143	0.3182	0.82878
3200	3.262	0.3066	0.82773
3300	3.377	0.2962	0.82679
3400	3.482	0.2872	0.82597
3500	3.574	0.2798	0.82531

SECRET

	OFF	2	74	48	82	2E	738475	765588	28	5	8	34	1028	18499
85	9 2 187	ON	2	45	38	189	33E	618286	648695	28	5	8	19	1226
	OFF	2	29	28	113	8E	588326	689696	28	5	12	18	1244	18738
86	5 1 26	ON	2	59	25	88	48E	664167	688384	28	6	34	46	1158
	OFF	2	55	13	83	18E	648281	671816	28	6	35	51	12	8
86	5 2 73	ON	2	49	38	85	35E	629885	651982	28	6	37	18	1219
	OFF	2	38	23	88	45E	688979	622823	28	6	48	5	1235	24885
86	5 3 35	ON	2	34	48	89	32E	594489	616891	28	6	41	8	1239
	OFF	2	29	38	98	29E	588868	689421	28	6	42	17	1244	24137
87	8 1 148	ON	2	61	24	56	47E	671112	695598	28	8	4	15	1151
	OFF	2	38	27	66	5E	688575	622484	28	8	18	3	1234	29483
88	4 8 13	ON	1	38	9	114	19W	1834381	1872696	28	9	14	55	137
	OFF	1	41	11	113	36W	1828687	1858478	28	9	15	42	141	33342
88	4 1 67	ON	2	56	21	37	17E	658494	674196	28	9	35	32	12
	OFF	2	46	16	41	22E	618251	648742	28	9	38	5	1223	34685
93	7 1 62	ON	3	24	27	61	8W	722912	749345	28	17	25	29	1328
	OFF	3	34	24	59	27W	781383	818836	28	17	28	8	1338	62888
95	7 1 21	ON	2	33	28	114	1W	591516	613886	28	28	11	4	1234
	OFF	2	38	18	113	26W	588318	689688	28	28	11	51	1238	72711
98	3 1 41	ON	2	66	49	162	38E	686178	711216	29	8	32	23	1122
	OFF	2	68	38	168	19E	668438	684586	29	8	34	3	1147	2843
188	3 1 74	ON	2	52	54	127	13E	632886	655844	29	3	35	53	12
	OFF	2	41	45	138	54E	684379	626358	29	3	38	41	1222	13121
182	8 1 65	ON	2	58	17	79	12E	649177	672838	29	6	34	23	1151
	OFF	2	48	17	83	42E	618516	641818	29	6	36	55	1211	23815
182	8 2 67	ON	2	42	29	85	26E	685883	627881	29	6	38	23	1228
	OFF	2	32	27	87	39E	598826	611468	29	6	48	53	1231	24853
183	5 1 88	ON	2	48	25	61	1E	618368	648855	29	8	6	58	1218
	OFF	2	36	23	64	14E	594363	615968	29	8	9	58	1226	29398
184	7 1 138	ON	2	61	13	31	59E	658262	682256	29	9	33	38	1141
	OFF	2	48	18	48	43E	688283	622818	29	9	38	48	1221	34728
184	7 2 42	ON	2	18	48	44	38E	588294	689663	29	9	44	7	1242
	OFF	2	12	31	45	18E	595296	616927	29	9	45	48	1246	35148
186	6 1 92	ON	2	28	48	2	13W	586924	688242	29	12	41	32	1232
	OFF	2	14	38	8	13W	592812	614358	29	12	45	8	1244	45988
111	9 1 21	ON	2	38	31	117	17W	595596	617238	29	28	8	41	1219
	OFF	2	35	19	116	36W	591632	613126	29	28	9	29	1223	72569
113	9 1 27	ON	2	67	4	177	11W	673687	698179	29	23	1	13	1112
	OFF	2	62	53	173	1W	657586	681472	29	23	2	28	1138	82948
115	7 1 55	ON	2	74	57	121	53E	787786	733648	38	1	58	44	18
	OFF	2	66	57	137	48E	671194	695675	38	2	1	4	1111	7264
116	7 1 73	ON	2	51	18	125	43E	619815	641535	38	3	35	1	1157
	OFF	2	48	15	129	8E	596483	618158	38	3	37	47	1214	13867
118	5 1 28	ON	2	74	58	53	55E	784496	738235	38	6	28	26	18
	OFF	2	72	4	61	39E	698132	715328	38	6	29	28	1835	23368
118	5 2 37	ON	2	53	49	79	24E	624322	647841	38	6	34	11	1151
	OFF	2	48	12	81	36E	618323	632517	38	6	35	36	12	2
118	5 3 93	ON	2	43	26	83	3E	688757	622593	38	6	36	48	12
	OFF	2	29	29	86	3E	586382	687679	38	6	48	16	1224	24816
119	2 1 21	ON	2	59	15	53	51E	639794	663894	38	8	2	42	1138
	OFF	2	56	1	55	42E	629862	652789	38	8	3	32	1146	29812
119	2 2 34	ON	2	52	21	57	24E	619787	642253	38	8	4	27	1154
	OFF	2	47	9	59	19E	687449	629535	38	8	5	45	12	3
128	1 1 112	ON	2	61	14	29	52E	645582	669817	38	9	32	5	1131
	OFF	2	44	12	37	35E	681151	623881	38	9	36	24	12	6
127	9 1 17	ON	2	36	29	118	54W	589595	611813	38	28	7	31	1211
	OFF	2	33	51	118	22W	587738	689879	38	28	8	18	1214	72498
129	6 1 21	ON	2	62	8	174	26W	642858	666273	38	23	8	47	1123
	OFF	2	58	58	172	13W	633864	656111	38	23	1	36	1132	82896
138	4 1 49	ON	2	75	57	138	46E	697944	723435	1	8	26	43	941
	OFF	2	69	4	155	29E	666818	691134	1	8	28	48	1858	172

SECRET

CONF

72725.167 53212.75693 72725.17133 2.21667 79 1
33357.665 48174.37692 33357.76232 -2.21448 88 1

AU -0.25287552620 25 A1 8.9999999376310 00
SIGMA 8.02668 NO. POINTS 13
RATIO OF CLOCK TIME TO SYS TIME 0.1000003062370 01

ORDER FIT 2

SYS TIME I/P	CL TIME I/P	COMP SYS TM	DELTA ST	REV STA
77929.957	123197.51992	77929.95770	0.02825	8 1
38452.145	152139.73992	38452.14652	-2.22859	9 1
77824.792	189512.35292	77824.78832	0.02468	16 1
33158.697	231246.26392	33158.69760	0.02632	24 1
77923.647	276111.22492	77923.65650	-0.02857	32 1
33248.947	317736.51592	33248.94520	0.02271	40 1
38653.847	323148.61892	38653.84790	0.02883	41 1
72524.187	356991.68392	72524.11880	-2.02287	47 1
33217.858	424124.62692	33217.85850	0.02848	56 1
72642.779	443528.35792	72642.77850	0.02144	63 1
33342.682	498638.27892	33342.68750	-0.02458	72 1
72725.187	53812.75692	72725.16992	0.01805	79 1
33357.685	48174.37692	33357.69720	-2.01126	88 1

AU -0.25287561860 25 A1 8.999999975940 00
A2 -0.87973442304780-13
SIGMA 8.82648 NO. POINTS 13

CLOCK OPERATIONS

OPN NO	FR	H	M	S	DEC	BINARY	
73 2 1	39	ON	11	5	51	497239	11101101000110100001111211000
		OFF	11	7	26	497334	11101101001001011011011110000
81 0 0	4	ON	23	4	36	3492	000000011010120010001000000
		OFF	23	5	8	3516	00000001101011010011001100000
64 9 1	20	ON	3	36	36	19813	000100101110010100100010000
		OFF	3	37	25	19862	02201001011110001000111110000
64 9 2	112	ON	3	38	6	19922	0001001011111010111000110000
		OFF	3	42	22	20156	02001001100111000111001100000
65 9 1	16	ON	4	59	46	24822	0001011110100111001011010000
		OFF	5	0	34	24850	0001011110110010111001010000
65 9 2	125	ON	5	8	19	25316	0001100001001001010101010000
		OFF	5	12	18	25555	000110000101111000000111000
66 5 1	26	ON	6	34	46	32523	000110100010111000001011000
		OFF	6	35	51	32568	0001101001001011000001011000
66 5 2	72	ON	6	37	18	32655	000110100111100001000011000
		OFF	6	40	5	32822	0001101011001001011100110000
66 5 3	34	ON	6	41	2	32877	0001101011001001011100110000
		OFF	6	42	17	32954	0001101011000101010100001000
67 8 1	147	ON	8	4	15	35871	0010001000110101100100011000
		OFF	8	12	3	36219	00100010001001010100001111000
68 4 0	13	ON	9	14	55	42112	001001100100000011110000000
		OFF	9	15	42	42159	0010011001001100011100011000
88 4 1	66	ON	9	35	32	41349	0010011101101101111110001000
		OFF	9	38	5	41522	0010011110010100010100110000

DEACTIVATE / REACTIVATE

CLOCK SUMMARY

ORDER FIT 1

SYS TIME I/P	CL TIME I/P	COMP SYS TM	DELTA ST	REV STA
72728.632	46219.83392	72728.63232	0.02862	95 1
33223.942	93815.15792	33223.94952	-2.03658	104 1
72662.612	133251.81892	72662.60482	0.02614	111 1
33233.627	18224.82992	33233.63922	-2.02125	120 1

