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CORONA J FLIGHT
DATA BOOK 1038-2

Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997

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4 PAGES
(NOT INCLUDING PEST)

CORONA J-FLIGHT DATA BOOK

SYSTEM NO. J-34

VEHICLE NO. 1629

MISSION NO. 1038-2

CAMERA NOS. 192/193

DATE 01-26-67

PAGE 1

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SYSTEM NO. J-34
VEHICLE NO. 1629
MISSION NO. 1038-2
CAMERA NOS. 192/193

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SYSTEM NO. J-34
VEHICLE NO. 1629
MISSION NO. 1038-2
CAMERA NOS. 192/193

GENERAL FLIGHT DATA

MASTER CAMERA SERIAL NO. 192

SLAVE CAMERA SERIAL NO. 193

S/I -1 SERIAL NO. D93/86/112

S/I -2 SERIAL NO. D98/111/188

LAUNCH DATE 01-14-67

REACTIVATION DATE N/A

REACTIVATION ORBIT N/A

ORBITAL PARAMETERS (REV. 120)

PERIOD 89.919 MIN ECCENTRICITY 0.01471

PERIGEE 96.505 NM PERIGEE LAT. 46.518

APOGEE 204.100 NM INCL. ANGLE 88.874

RECOVERY ORBIT NO. 193

RECOVERY DATE 01-25-67

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SYSTEM NO. J-34
VEHICLE NO. 1629
MISSION NO. 1038-2
CAMERA NOS. 192/193

CYCLE PERIOD DATA

V/F RAMP SETTING LEVEL	AMPLITUDE	TIME UP RAMP-SEC	---CALIBRATED---		---IN-FLIGHT---		OF CYCLE PERIOD-SEC N
			MASTER	SLAVE	MASTER	SLAVE	
7	3	1196	2.212	2.212	2.248	2.258	
6	4	1938	2.212	2.212	2.235	2.235	
6	4	1994	2.213	2.212	2.248	2.268	1
6	4	1989	2.213	2.212	2.217	2.223	1
6	4	588	3.548	3.519	3.568	3.548	1

NOTE

AN * OR -B INDICATES NO DATA AVAILABLE.

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A. 1038-2

B. DRY

C. PERFORMANCE ESTIMATE - PART ONE



OPERATIONS SUMMARY

FWD PAN CAMERA NUMBER 192

OPN NO	FRA	3	LAT	LONG	HEIGHT	RANGE	DA	H	M	S	LTIM	S-TIM
71	6-2	75 ON	2 59 43	60 18E	651120	674864	19	8	2	30	12 3	28950
		OFF	2 48 23	65 42E	617616	640096	19	8	5	24	1228	29124
72	0 2	4 ON	1 25 21	114 18W	1071904	1111776	19	9	9	20	132	32960
		OFF	1 26 45	114 6W	1065616	1105248	19	9	9	43	133	32983
72	6 3	10 ON	1 38 55	111 49W	1008960	1046384	19	9	12	52	145	33172
		OFF	1 41 51	111 7W	994864	1031728	19	9	13	38	149	33218
72	9 7	22 ON	2 32 16	47 0E	592464	614016	19	9	39	27	1247	34767
		OFF	2 28 46	47 37E	590928	612400	19	9	40	19	1250	34819
73	9 2	78 ON	2 51 2	19 22E	623440	646144	19	11	4	47	1222	39887
		OFF	2 39 16	22 54E	599536	621344	19	11	7	44	1239	40064
73	9 4	50 ON	2 13 22	27 0E	602528	624448	19	11	14	9	13 2	40449
		OFF	2 5 33	28 4E	619632	642192	19	11	16	4	13 8	40564
74	1 7	37 ON	2 3 37	5 3E	612448	634736	19	12	45	20	13 5	45920
		OFF	2 2 52	5 43E	627904	650768	19	12	46	46	13 9	46006
79	9 3	13 ON	2 37 23	112 37W	596256	617936	19	20	8	19	1237	72499
		OFF	2 35 22	112 11W	594336	615952	19	20	8	49	1240	72529
81	0 0	4 ON	2 56 50	165 47W	642144	665552	19	23	2	49	1159	82969
		OFF	2 57 32	164 55W	637584	660816	19	23	3	13	12 3	82993
84	9 3	26 ON	2 53 12	129 15E	623632	646336	20	3	34	24	1211	12864
		OFF	2 49 10	130 57E	614128	636480	20	3	35	25	1218	12925
84	9 5	26 ON	2 45 9	132 0E	606112	628160	20	3	36	25	1224	12985
		OFF	2 41 6	133 14E	599760	621568	20	3	37	26	1230	13046
85	6 4	31 ON	2 48 33	100 23E	612352	634640	20	5	5	35	1219	18335
		OFF	2 43 47	109 52E	603472	625424	20	5	6	47	1226	18407
85	6 7	32 ON	2 31 0	112 40E	591728	613248	20	5	9	57	1240	18597
		OFF	2 26 5	113 30E	592144	613680	20	5	11	10	1245	18670
86	3 3	24 ON	2 54 52	83 10E	627040	649872	20	6	33	59	12 6	23639
		OFF	2 51 6	84 40E	617568	640048	20	6	34	56	1214	23696
86	3 6	16 ON	2 41 28	87 49E	599760	621568	20	6	37	21	1220	23841
		OFF	2 38 38	88 30E	596368	618048	20	6	38	3	1232	23883
86	3 8	33 ON	2 31 8	90 0E	591760	613264	20	6	39	55	1239	23995
		OFF	2 26 4	90 50E	592288	613824	20	6	41	10	1244	24070
87	3 3	56 ON	2 53 56	60 56E	624048	646768	20	8	4	13	12 8	29053
		OFF	2 45 24	64 5E	625568	627600	20	8	6	22	1222	29182
87	3 6	29 ON	2 31 57	67 12E	591920	613440	20	8	9	43	1238	29383
		OFF	2 27 29	67 50E	591904	613424	20	8	10	49	1242	29449
88	1 1	19 ON	2 62 29	33 7E	648784	672432	20	9	32	0	1144	34320
		OFF	2 59 24	35 20E	638912	662192	20	9	32	48	1154	34368
88	1 6	40 ON	2 24 29	45 47E	593360	614944	20	9	41	34	1244	34894
		OFF	2 17 4	46 40E	601504	623376	20	9	43	24	1250	35004
89	9 2	55 ON	2 47 4	10 16E	607872	629984	20	11	5	57	1219	39957
		OFF	2 39 48	20 30E	596000	617680	20	11	8	1	1230	40081
89	9 6	36 ON	2 1 41	25 59E	640240	663568	20	11	17	11	13 1	40631



ALUILL

92	8	7	12	ON	3	4	25	26	41E	663200	687392	20	11	18	42	13	5	48722
				OFF	3	18	55	39	48W	723120	749568	20	15	51	41	1312	57181	
94	4	2	28	ON	2	16	7	88	59W	735936	762880	20	15	52	16	1314	57136	
				OFF	2	11	43	88	25W	604864	626864	20	18	43	34	1247	67414	
95	4	1	44	ON	2	36	56	114	59W	613856	636192	20	18	44	39	1258	67479	
				OFF	2	30	13	113	41W	593664	615248	20	20	8	24	1228	72504	
99	9	1	14	ON	2	59	55	145	51E	591840	613360	20	20	10	4	1235	72684	
				OFF	2	57	46	147	11E	633392	656464	21	2	2	30	1145	7350	
100	9	3	72	ON	2	53	46	126	34E	627488	650352	21	2	3	3	1151	7383	
				OFF	2	42	59	130	22E	617168	639632	21	3	34	3	12	0	12843
101	9	2	55	ON	2	51	33	104	52E	598496	620256	21	3	36	46	1218	13806	
				OFF	2	43	9	107	38E	612048	634320	21	5	4	34	12	4	18274
101	9	4	57	ON	2	34	39	109	36E	598560	620336	21	5	6	41	1217	18401	
				OFF	2	26	7	111	5E	592304	613920	21	5	8	48	1227	18528	
102	8	2	125	ON	2	56	35	79	54E	594272	615088	21	5	10	55	1235	18655	
				OFF	2	37	50	86	17E	622848	645520	21	6	33	15	1152	23595	
102	8	6	84	ON	2	31	26	87	33E	593696	615280	21	6	37	58	1223	23878	
				OFF	2	12	46	89	30E	592176	613696	21	6	39	34	1229	23974	
103	3	6	21	ON	2	47	7	61	12E	603088	625024	21	6	42	42	1240	24162	
				OFF	2	43	55	62	8E	603504	625456	21	8	5	37	1210	29137	
103	3	7	23	ON	2	42	44	62	58E	599104	620880	21	8	6	25	1214	29185	
				OFF	2	37	13	63	46E	595744	617400	21	8	7	13	1219	29233	
104	6	2	64	ON	2	59	20	33	0E	593344	614912	21	8	8	6	1223	29286	
				OFF	2	49	49	37	37E	628960	651856	21	9	32	27	1144	34347	
105	9	4	52	ON	2	14	7	22	12E	607664	629776	21	9	34	53	12	5	34493
				OFF	2	8	6	22	54E	613216	635520	21	11	13	42	1242	40422	
106	3	1	22	ON	2	35	15	3	44W	628688	651584	21	11	15	11	1246	40511	
				OFF	2	31	59	3	6W	592624	614160	21	12	38	26	1223	45506	
106	8	6	72	ON	2	15	22	2	37W	592528	614064	21	12	39	15	1226	45555	
				OFF	2	4	4	2	43E	610944	633168	21	12	43	21	1240	45801	
109	4	3	14	ON	3	18	11	64	34W	642032	665424	21	12	46	8	1249	45968	
				OFF	3	23	55	64	12W	746016	773344	21	17	21	30	13	3	62490
110	3	2	29	ON	2	44	26	127	42E	761632	789552	21	17	22	11	13	5	62531
				OFF	2	40	9	120	40E	597568	619296	22	3	35	31	12	6	12931
117	3	2	149	ON	2	39	13	106	23E	594336	615952	22	3	36	35	1211	12995	
				OFF	2	16	41	110	11E	593842	615440	22	5	6	45	1212	18405	
118	6	4	27	ON	2	50	4	82	34E	612704	635088	22	5	12	20	1233	18740	
				OFF	2	45	57	81	50E	604016	625984	22	6	33	57	1156	23637	
118	6	6	23	ON	2	41	33	80	11E	593628	620384	22	6	35	1	12	3	23701
				OFF	2	37	19	84	12E	594902	616624	22	6	36	5	12	8	23765
118	6	9	29	ON	2	37	37	05	20E	593264	614832	22	6	37	8	1213	23828	
				OFF	2	26	5	86	13E	594496	616112	22	6	38	48	1220	23928	
119	9	2	61	ON	2	52	56	53	41E	598128	619872	22	6	39	55	1224	23995	
				OFF	2	46	51	59	2E	620320	642896	22	8	1	37	1136	28897	
120	4	1	59	ON	2	61	49	29	3E	599536	621344	22	8	4	41	12	0	29081
				OFF	2	52	59	34	0E	626800	649616	22	9	30	46	1127	34246	
120	4	2	37	ON	2	37	40	38	50E	608016	630144	22	9	33	2	1149	34382	
				OFF	2	32	10	39	56E	593312	614880	22	9	36	53	1212	34613	
121	9	5	41	ON	2	13	30	20	3E	593952	615552	22	9	38	15	1218	34695	
				OFF	2	5	56	20	50E	621904	644624	22	11	12	47	1233	40367	
										641216	664592	22	11	14	24	1237	40464	



OFF
LIST

122	4	6	45	ON	2	18	35	2	13W	638448	653488	22	12	43	25	1234	45885	
				OFF	2	3	17	1	22W	654656	678528	22	12	45	13	1239	45913	
125	1	4	57	ON	3	31	38	64	42W	841888	872864	22	17	23	38	13	4	62618
				OFF	3	43	54	61	58W	923344	957448	22	17	26	45	1318	62885	
127	1	2	15	ON	2	35	27	119	6W	593696	615288	22	28	6	48	1218	72488	
				OFF	2	32	59	118	38W	594544	616168	22	28	7	25	1212	72445	
138	3	1	28	ON	2	62	23	162	19E	623888	645696	23	8	29	48	1118	1788	
				OFF	2	58	26	165	3E	614432	636784	23	8	38	42	1138	1842	
132	8	2	38	ON	2	57	37	128	17E	611872	634144	23	3	38	41	1131	12641	
				OFF	2	51	37	123	9E	682328	624248	23	3	32	13	1144	12733	
134	3	3	25	ON	2	52	4	77	43E	682256	624168	23	6	31	52	1142	23512	
				OFF	2	48	14	79	9E	597984	619648	23	6	32	58	1149	23578	
134	3	7	58	ON	2	34	53	82	36E	594288	615824	23	6	36	18	12	6	23778
				OFF	2	26	8	84	18E	682888	623984	23	6	38	22	1215	23982	
136	6	2	15	ON	2	68	1	28	18E	614496	636864	23	9	29	35	1122	34175	
				OFF	2	57	45	29	42E	618248	632448	23	9	38	18	1129	34218	
137	2	3	16	ON	2	24	49	16	28E	684784	626784	23	11	8	17	1214	48897	
				OFF	2	22	16	16	51E	689136	631296	23	11	8	55	1216	48135	
137	2	7	24	ON	3	21	57	22	15E	791824	828888	23	11	19	53	1248	48793	
				OFF	3	26	49	22	58E	821696	851984	23	11	21	6	1252	48866	
138	8	7	24	ON	2	11	18	4	19W	637152	668368	23	12	41	32	1224	45692	
				OFF	2	7	8	3	58W	658432	674144	23	12	42	32	1227	45752	
141	8	6	42	ON	3	35	59	65	52W	884368	916976	23	17	22	53	1259	62573	
				OFF	3	45	38	63	31W	947568	982688	23	17	25	19	1311	62719	
143	6	8	15	ON	2	38	38	121	46W	594784	616336	23	28	4	4	1156	72244	
				OFF	2	36	18	121	14W	595584	617152	23	28	4	41	1159	72281	
149	6	3	132	ON	2	37	18	182	58E	595344	616992	24	5	3	32	1154	18212	
				OFF	2	17	3	186	8E	626168	648968	24	5	8	31	1213	18511	
158	5	4	41	ON	2	57	53	72	57E	686816	628864	24	6	28	18	1128	23298	
				OFF	2	51	46	75	55E	598656	628432	24	6	29	43	1133	23383	
151	8	3	55	ON	2	53	53	52	24E	688432	622272	24	7	59	1	1128	28741	
				OFF	2	45	34	55	28E	594488	616896	24	8	1	7	1143	28867	
152	6	2	16	ON	2	59	29	26	45E	687472	629568	24	9	27	25	1114	34845	
				OFF	2	57	8	28	14E	683824	625776	24	9	28	3	1121	34883	
154	4	7	28	ON	2	7	54	5	48W	657448	681424	24	12	39	57	1216	45597	
				OFF	2	3	2	5	15W	676352	781848	24	12	41	9	1228	45669	
165	3	1	83	ON	2	61	41	91	17E	687376	629488	25	4	54	31	1859	17671	
				OFF	2	49	32	97	38E	595984	617664	25	4	57	37	1128	17857	
165	3	4	119	ON	2	37	11	181	4E	598288	619968	25	5	8	42	1144	18842	
				OFF	2	18	47	184	8E	629768	652784	25	5	5	15	12	1	18315
167	9	2	28	ON	2	54	58	58	3E	599888	628888	25	7	55	51	1116	28551	
				OFF	2	58	48	52	8E	596192	617872	25	7	56	56	1124	28616	
168	9	8	12	ON	1	38	41	124	43W	849848	881128	25	9	4	56	846	32696	
				OFF	1	41	38	124	8W	836784	867488	25	9	5	41	849	32741	
169	9	4	19	ON	2	4	52	15	25E	679584	784328	25	11	7	54	12	9	48874
				OFF	2	1	21	15	49E	694448	719824	25	11	8	46	1212	48126	
178	9	7	15	ON	2	8	36	7	36W	665528	689888	25	12	36	46	12	6	45486
				OFF	2	5	55	7	17W	676816	788688	25	12	37	26	12	8	45446
181	7	2	58	ON	2	26	8	181	29E	628896	642672	26	4	59	59	1145	17999	
				OFF	2	15	16	182	59E	649296	672968	26	5	2	48	1154	18168	
182	3	2	88	ON	2	56	28	78	28E	598568	628336	26	6	22	12	11	4	22932

OFF
LIST

UNIT

183	5	2	94	ON	2	44	22	75	5E	597136	618848	26	6	25	13	1125	23113
				OFF	2	48	26	65	35E	607072	629152	26	7	49	48	1035	28180
184	5	0	12	ON	1	38	47	126	16W	596336	618016	26	7	53	13	1113	28393
				OFF	1	41	40	125	34W	824416	854736	26	9	1	23	036	32483
				OFF	1	41	40	125	34W	811872	841696	26	9	2	8	039	32528

OPERATIONS SUMMARY

AFT PAN CAMERA NUMBER 193

OPN NO	FRA	Q	LAT	LONG	HEIGHT	RANGE	DA	H	M	S	LTIM	S-TIM						
71	6	2	75	ON	2	59	49	60	10E	648400	672032	19	8	2	42	12	3	28962
				OFF	2	48	26	65	35E	615600	638096	19	8	5	36	1227	29136	
72	0	0	4	ON	1	24	36	114	31W	1068352	1108096	19	9	9	32	131	32972	
				OFF	1	26	0	114	18W	1062048	1101552	19	9	9	55	132	32995	
72	6	0	10	ON	1	38	16	112	4W	1005184	1042464	19	9	13	4	144	33184	
				OFF	1	41	13	111	22W	991008	1027728	19	9	13	50	148	33230	
72	9	7	22	ON	2	32	17	46	57E	591968	613488	19	9	39	39	1247	34779	
				OFF	2	28	47	47	34E	590832	612320	19	9	40	31	1250	34831	
73	9	2	78	ON	2	51	7	19	17E	621328	643952	19	11	4	59	1221	39899	
				OFF	2	39	19	22	50E	598416	620176	19	11	7	56	1239	40076	
73	9	4	50	ON	2	13	23	27	4E	604000	625968	19	11	14	21	13	2	40461
				OFF	2	5	37	27	59E	621872	644512	19	11	16	16	13	8	40576
74	1	7	37	ON	2	8	41	4	59E	614384	636752	19	12	45	32	13	5	45932
				OFF	2	2	55	5	38E	630464	653424	19	12	46	58	13	9	46018
79	9	3	12	ON	2	37	25	112	40W	595440	617088	19	20	8	31	1237	72511	
				OFF	2	35	24	112	15W	593696	615280	19	20	9	1	1239	72541	
01	0	0	4	ON	2	59	4	165	54W	639632	662944	19	23	3	1	1159	82981	
				OFF	2	57	35	165	1W	635152	658288	19	23	3	25	12	3	83005
84	9	3	26	ON	2	53	15	129	10E	621600	644224	20	3	34	36	1211	12876	
				OFF	2	49	14	132	45E	612352	634640	20	3	35	37	1218	12937	
84	9	5	26	ON	2	45	12	132	3E	604720	626720	20	3	36	37	1224	12997	
				OFF	2	41	8	133	9E	598672	620448	20	3	37	38	1230	13058	
35	6	4	31	ON	2	43	37	100	18E	610672	632896	20	5	5	47	1210	18347	
				OFF	2	43	49	100	40E	602144	624048	20	5	6	59	1225	18419	
05	6	7	32	ON	2	31	2	112	37E	591568	613072	20	5	10	9	1240	18609	
				OFF	2	26	7	113	26E	592512	614048	20	5	11	22	1244	18682	
06	3	3	24	ON	2	54	57	83	4E	624896	647648	20	6	34	11	12	6	23651
				OFF	2	51	10	84	43E	615712	638128	20	6	35	8	1213	23708	
06	3	6	18	ON	2	41	30	87	45E	599600	620464	20	6	37	33	1220	23853	
				OFF	2	38	40	88	26E	595552	617200	20	6	38	15	1231	23895	
06	3	6	33	ON	2	31	10	89	57E	591632	613152	20	6	40	7	1239	24007	
				OFF	2	26	6	92	47E	592640	614176	20	6	41	22	1244	24082	
07	8	3	55	ON	2	54	0	60	52E	621004	644624	20	8	4	25	12	7	29065
				OFF	2	45	27	64	1E	604192	626160	20	8	6	34	1222	29194	
07	8	6	29	ON	2	31	58	67	9E	591744	613264	20	8	9	55	1238	29395	
				OFF	2	27	31	67	54E	592144	613664	20	8	11	1	1242	29461	
08	1	1	19	ON	2	62	35	32	59E	646192	669744	20	9	32	12	1143	34332	
				OFF	2	59	33	35	13E	636512	659696	20	9	33	0	1153	34380	
08	1	6	49	ON	2	24	31	45	43E	593952	615552	20	9	41	46	1244	34906	
				OFF	2	17	6	46	45E	502816	624736	20	9	43	36	1250	35016	
09	9	2	55	ON	2	47	7	10	12E	606368	628432	20	11	6	9	1218	39969	

CFON

CONF
SECRET

			OFF	2	38	58	28	27E	595248	616896	28	11	8	13	1229	48893
92	8	7	ON	2	1	48	25	55E	643872	666512	28	11	17	23	13	8
			OFF	3	4	16	26	36E	666648	698968	28	11	18	54	13	5
94	4	2	ON	2	16	18	89	2W	686384	628448	28	18	43	46	1247	67426
			OFF	2	11	47	88	29W	615888	638224	28	18	44	51	1258	67491
95	4	1	ON	2	36	59	115	2W	593168	614736	28	28	8	36	1228	72516
			OFF	2	38	15	113	45W	591984	613584	28	28	18	16	1235	72616
99	9	1	ON	2	68	2	145	44E	631158	654168	21	2	2	42	1145	7362
			OFF	2	57	51	147	5E	625392	648176	21	2	3	15	1151	7395
100	9	3	ON	2	53	58	126	29E	615392	637792	21	3	34	15	12	8
			OFF	2	43	1	138	15E	597688	619328	21	3	36	58	1217	13818
101	9	2	ON	2	51	37	184	47E	618448	632672	21	5	4	46	12	3
			OFF	2	43	11	187	34E	597688	619328	21	5	6	53	1216	18413
101	9	4	ON	2	34	48	189	32E	592192	613728	21	5	9	8	1227	18548
			OFF	2	26	9	111	2E	594912	616544	21	5	11	7	1235	18667
102	8	2	ON	2	56	39	79	49E	628928	643536	21	6	33	27	1152	23687
			OFF	2	37	52	86	14E	593264	614832	21	6	38	18	1222	23898
102	8	6	ON	2	31	28	87	38E	592336	613872	21	6	39	46	1229	23986
			OFF	2	18	49	89	26E	604464	626448	21	6	42	54	1248	24174
103	3	6	ON	2	47	18	61	6E	682288	624192	21	8	5	49	1218	29149
			OFF	2	43	57	62	4E	598128	619888	21	8	6	37	1214	29197
103	3	7	ON	2	48	46	62	54E	595872	616728	21	8	7	25	1218	29245
			OFF	2	37	15	63	43E	592944	614496	21	8	8	18	1222	29298
104	6	2	ON	2	59	25	32	54E	626832	649664	21	9	32	39	1144	34359
			OFF	2	49	32	37	32E	616248	628288	21	9	35	5	12	5
105	9	4	ON	2	14	11	22	6E	615888	637472	21	11	13	54	1242	48434
			OFF	2	8	11	22	49E	631152	654144	21	11	15	23	1246	48523
106	8	1	ON	2	35	17	3	47W	592496	614832	21	12	38	38	1223	45518
			OFF	2	32	1	3	9W	592672	614224	21	12	39	27	1226	45567
106	8	6	ON	2	15	26	2	41W	612736	635824	21	12	43	33	1248	45813
			OFF	2	4	11	2	38E	644848	668352	21	12	46	28	1248	45988
108	4	3	ON	3	17	55	64	41W	758656	778168	21	17	21	42	13	2
			OFF	3	23	37	64	19W	766448	794544	21	17	22	23	13	4
116	3	2	ON	2	44	28	127	36E	596888	618496	22	3	35	43	12	5
			OFF	2	48	11	128	44E	593952	615552	22	3	36	47	1211	13887
117	3	2	ON	2	39	15	186	19E	593552	615136	22	5	6	57	1212	18417
			OFF	2	16	45	118	7E	614576	636944	22	5	12	32	1232	18752
118	6	4	ON	2	54	6	82	32E	632832	624768	22	6	34	9	1155	23649
			OFF	2	45	53	81	55E	597792	619536	22	6	35	13	12	2
118	6	6	ON	2	41	35	83	7E	594486	616112	22	6	36	17	12	8
			OFF	2	37	21	84	6E	593136	614784	22	6	37	28	1213	23848
118	6	8	ON	2	32	39	85	25E	594944	616576	22	6	39	8	1228	23948
			OFF	2	26	8	86	9E	599848	628832	22	6	48	7	1224	24887
119	9	2	ON	2	59	2	57	35E	618544	641856	22	8	1	49	1136	28989
			OFF	2	46	54	58	52E	598624	628488	22	8	4	53	12	8
122	4	1	ON	2	61	54	26	56E	624816	647568	22	9	38	58	1126	34258
			OFF	2	53	2	34	4E	686688	628768	22	9	33	14	1149	34394
124	4	2	ON	2	37	42	38	46E	593184	614752	22	9	37	5	1212	34625
			OFF	2	32	12	39	52E	594328	615928	22	9	38	27	1217	34787

CONF
SECRET

9 5	41 ON	2 13 35	19 59E	624144	646864	22 11 12 59	1232 40379
	OFF	2 7 3	28 45E	644888	667472	22 11 14 36	1237 40476
122 4 6	45 ON	2 10 41	2 17W	632912	655968	22 12 43 37	1234 45817
	OFF	2 3 25	1 27W	657792	681792	22 12 45 25	1239 45925
125 1 4	56 ON	3 31 13	64 50W	847152	878336	22 17 23 50	13 4 62630
	OFF	3 43 22	62 12W	928752	963872	22 17 26 57	1317 62817
127 1 2	15 ON	2 35 28	119 10W	593936	615520	22 20 7 8	1210 72420
	OFF	2 33 1	118 41W	594944	616576	22 20 7 37	1212 72457
130 3 1	26 ON	2 62 27	162 12E	621168	643792	23 0 29 52	1118 1792
	OFF	2 58 30	164 58E	612864	635168	23 0 30 54	1130 1854
132 8 2	40 ON	2 57 40	120 12E	610304	632592	23 3 30 53	1131 12653
	OFF	2 51 39	123 5E	601296	623168	23 3 32 25	1144 12745
134 3 3	25 ON	2 52 6	77 39E	601200	623072	23 6 32 4	1142 23524
	OFF	2 40 16	79 5E	597104	618896	23 6 33 2	1149 23502
134 3 7	50 ON	2 34 55	82 33E	594576	616192	23 6 36 22	12 6 23702
	OFF	2 26 3	84 6E	603280	625232	23 6 38 34	1214 23914
136 6 2	15 ON	2 60 4	28 13E	612960	635264	23 9 29 47	1122 34187
	OFF	2 57 40	29 30E	608832	630976	23 9 30 22	1128 34222
137 2 3	16 ON	2 24 52	16 25E	606128	628176	23 11 8 29	1213 40109
	OFF	2 22 19	16 47E	610688	632912	23 11 9 7	1216 40147
137 2 7	23 ON	3 21 37	22 7E	796752	826000	23 11 20 5	1248 40805
	OFF	3 25 26	22 53E	826032	857232	23 11 21 18	1252 40870
138 8 7	24 ON	2 11 16	4 23W	639744	663056	23 12 41 44	1223 45704
	OFF	2 7 16	3 55W	653376	677200	23 12 42 44	1226 45764
141 6 6	42 ON	3 35 37	60 20W	889600	922400	23 17 23 5	1258 62505
	OFF	3 44 56	63 46W	952832	988000	23 17 25 31	1310 62731
143 6 2	15 ON	2 30 42	121 50W	594912	616544	23 20 4 16	1156 72256
	OFF	2 35 12	121 10W	595920	617584	23 20 4 53	1159 72293
149 6 3	132 ON	2 37 12	102 47E	595776	617440	24 5 3 44	1154 18224
	OFF	2 17 8	106 3E	628368	651248	24 5 8 43	1212 18523
150 5 4	40 ON	2 57 56	72 53E	604864	626864	24 6 28 22	1119 23302
	OFF	2 51 49	75 52E	597952	619696	24 6 29 55	1133 23395
151 2 3	55 ON	2 53 55	52 20E	599568	621376	24 7 59 13	1128 28753
	OFF	2 45 35	55 25E	594256	615856	24 8 1 19	1142 28879
152 6 2	16 ON	2 59 32	25 41E	606240	628304	24 9 27 37	1114 34057
	OFF	2 57 2	28 10E	602752	624688	24 9 28 15	1120 34095
154 4 7	29 ON	2 2 2	5 53W	660496	684576	24 12 40 9	1216 45609
	OFF	2 3 11	5 20W	679008	704624	24 12 41 21	1219 45681
155 3 1	03 ON	2 61 44	91 12E	606240	628288	25 4 54 43	1059 17603
	OFF	2 49 34	97 34E	595600	617344	25 4 57 49	1127 17869
155 3 4	119 ON	2 37 14	101 7E	598896	620672	25 5 0 54	1144 18054
	OFF	2 19 53	104 4E	632000	655000	25 5 5 27	12 1 18327
157 9 2	20 ON	2 55 1	52 4E	590360	620128	25 7 56 3	1116 28563
	OFF	2 52 42	51 56E	595888	617552	25 7 57 8	1124 28628
158 9 2	12 ON	1 30 16	124 53W	846240	877376	25 9 5 8	045 32700
	OFF	1 41 10	124 11W	833152	863792	25 9 5 53	048 32753
159 9 4	10 ON	2 5 2	15 20E	602944	707872	25 11 8 6	12 9 40086
	OFF	2 1 33	15 43E	608144	723664	25 11 8 50	1211 40130
170 9 7	10 ON	2 0 45	7 42W	668600	693008	25 12 36 50	12 5 45410
	OFF	2 6 4	7 23W	679360	704160	25 12 37 38	12 7 45450
181 7 2	60 ON	2 25 12	101 25E	621920	644560	26 5 0 11	1145 18011

SECRET

	OFF	2	15	23	102	55E	652032	675808	26	5	2	52	1154	18172				
182	3	2	80	ON	2	56	22	70	24E	598000	619824	26	6	22	24	11	3	22944
	OFF	2	44	24	75	1E	597504	619232	26	6	25	25	1125	23125				
183	5	2	94	ON	2	65	12	41	22F	606000	628128	26	7	49	52	1035	28192	
	OFF	2	51	26	50	4E	596224	617904	26	7	53	25	1113	28405				
184	5	0	13	ON	1	38	24	126	26W	828928	851104	26	9	1	35	035	32495	
	OFF	1	41	19	125	44W	888432	838128	26	9	2	28	039	32540				

PHOTOGRAPHIC SUMMARY

FWD PAN	CAMERA	NO	192	0.225F	SLIT	W/23A	FILTER	3404	FILM					
OPIN	NO	FRA	FEET	ET	S-EL	S-DIR	EV	FULL	INT	PRI				
71	6	2	75	198.4	ON	270	9.8	18.7	11.93	11.39	10.79	10.19		
					OFF	289	21.0	19.6	12.03	12.10	11.50	10.90		
72	0	0	4	10.5	ON	96	-70.5	68.7	10.45	0.0	0.0	0.0		
					OFF	97	-70.0	65.0	10.45	0.0	0.0	0.0		
72	6	0	10	26.4	ON	141	-62.4	42.2	11.00	0.0	0.0	0.0		
					OFF	143	-60.1	38.6	11.02	0.0	0.0	0.0		
72	9	7	22	56.2	ON	324	36.6	22.7	12.10	12.36	11.76	11.16		
					OFF	324	39.8	23.8	12.10	12.39	11.79	11.19		
73	9	2	70	236.3	ON	286	18.5	19.9	12.01	12.00	11.40	10.80		
					OFF	320	29.9	20.8	12.00	12.29	11.69	11.09		
73	9	4	50	132.2	ON	298	53.9	31.3	12.07	12.42	11.82	11.22		
					OFF	289	60.4	38.3	12.03	12.42	11.82	11.22		
74	1	7	37	97.0	ON	293	58.0	34.9	12.05	12.42	11.82	11.22		
					OFF	285	62.5	41.3	12.01	12.42	11.82	11.22		
79	9	3	13	34.4	ON	302	31.9	20.2	12.09	12.32	11.72	11.12		
					OFF	323	33.8	20.6	12.10	12.34	11.74	11.14		
81	0	0	4	10.5	ON	252	10.7	17.3	11.83	11.47	10.87	10.27		
					OFF	254	12.2	17.4	11.84	11.60	11.00	10.40		
84	9	3	20	60.0	ON	286	16.5	17.1	12.01	11.90	11.30	10.70		
					OFF	291	20.5	17.5	12.04	12.00	11.40	10.80		
84	9	5	20	66.0	ON	296	24.5	18.0	12.06	12.20	11.60	11.00		
					OFF	320	20.4	10.6	12.00	12.27	11.67	11.07		
85	6	4	31	82.7	ON	292	21.1	17.4	12.04	12.10	11.50	10.90		
					OFF	290	25.0	10.0	12.07	12.23	11.63	11.03		
85	6	7	32	84.6	ON	305	38.2	20.6	12.10	12.30	11.78	11.18		
					OFF	324	42.9	22.2	12.10	12.40	11.80	11.20		
86	3	3	24	63.5	ON	263	14.9	16.7	12.00	11.80	11.20	10.60		
					OFF	289	15.6	17.0	12.03	12.01	11.41	10.81		
86	3	0	10	47.6	ON	300	20.1	10.2	12.00	12.27	11.67	11.07		
					OFF	312	30.9	10.7	12.09	12.31	11.71	11.11		
86	3	0	33	97.3	ON	305	30.1	20.4	12.10	12.37	11.77	11.17		
					OFF	324	42.9	22.0	12.10	12.40	11.80	11.20		
87	0	3	56	145.1	ON	293	15.0	15.6	12.00	11.86	11.26	10.66		
					OFF	293	24.3	17.4	12.05	12.19	11.59	10.99		
87	0	0	29	76.7	ON	302	37.4	20.0	12.09	12.37	11.77	11.17		
					OFF	302	41.6	21.3	12.09	12.40	11.80	11.20		
88	1	1	10	52.3	ON	260	7.1	10.1	11.92	11.00	10.40	9.80		
					OFF	273	12.3	16.2	11.95	11.43	10.83	10.23		
88	1	0	40	127.0	ON	301	44.5	22.2	12.00	12.41	11.81	11.21		

SECRET

SECRET

			OFF	296	51.4	25.6	12.86	12.42	11.82	11.22
89 9 2	55	145.5	ON	292	22.7	16.9	12.84	12.15	11.55	10.95
			OFF	299	38.8	18.2	12.88	12.31	11.71	11.11
89 9 6	36	95.2	ON	276	64.8	38.8	11.96	12.42	11.82	11.22
			OFF	265	69.3	48.9	11.98	12.42	11.82	11.22
92 8 7	12	31.7	ON	245	74.9	84.2	11.79	12.42	11.82	11.22
			OFF	241	75.8	93.8	11.77	12.42	11.82	11.22
94 4 2	28	74.1	ON	295	52.6	24.7	12.86	12.42	11.82	11.22
			OFF	291	56.6	27.5	12.84	12.42	11.82	11.22
95 4 1	44	116.4	ON	321	32.8	17.5	12.88	12.33	11.73	11.13
			OFF	301	39.3	19.8	12.89	12.38	11.78	11.18
99 9 1	14	37.8	ON	288	9.8	14.5	11.98	11.39	10.79	10.19
			OFF	283	12.8	14.5	12.88	11.59	10.99	10.39
108 9 3	72	198.4	ON	289	16.1	14.6	12.83	11.88	11.28	10.68
			OFF	298	26.9	15.6	12.87	12.25	11.65	11.05
101 9 2	55	145.5	ON	291	18.4	14.6	12.84	11.99	11.39	10.79
			OFF	298	26.8	15.4	12.87	12.24	11.64	11.04
101 9 4	57	158.8	ON	321	35.2	16.8	12.89	12.35	11.75	11.15
			OFF	308	43.5	19.8	12.88	12.41	11.81	11.21
102 8 2	125	338.6	ON	287	13.3	14.1	12.82	11.69	11.09	10.49
			OFF	322	32.8	16.1	12.89	12.32	11.72	11.12
102 8 6	84	222.2	ON	323	38.3	17.4	12.89	12.38	11.78	11.18
			OFF	297	53.5	21.6	12.87	12.42	11.82	11.22
103 3 6	21	55.5	ON	297	22.8	14.7	12.87	12.15	11.55	10.95
			OFF	299	26.8	15.8	12.88	12.23	11.63	11.03
103 3 7	28	68.8	ON	321	29.2	15.4	12.89	12.28	11.68	11.08
			OFF	322	32.7	16.8	12.89	12.33	11.73	11.13
104 6 2	64	169.3	ON	284	18.5	13.7	12.88	11.45	10.85	10.25
			OFF	295	28.2	14.3	12.86	12.87	11.47	10.87
105 9 4	39	183.2	ON	292	55.8	23.2	12.84	12.42	11.82	11.22
			OFF	285	68.6	27.3	12.81	12.42	11.82	11.22
106 8 1	22	56.2	ON	323	34.7	15.8	12.89	12.35	11.75	11.15
			OFF	303	37.9	16.5	12.89	12.37	11.77	11.17
106 8 6	72	198.4	ON	293	53.9	22.3	12.85	12.42	11.82	11.22
			OFF	279	64.2	38.8	11.98	12.42	11.82	11.22
109 4 3	14	37.8	ON	236	77.6	92.2	11.73	12.42	11.82	11.22
			OFF	238	77.3	102.6	11.78	12.42	11.82	11.22
116 3 2	28	74.1	ON	301	25.7	12.8	12.88	12.22	11.62	11.02
			OFF	322	32.8	13.3	12.89	12.29	11.69	11.09
117 3 2	148	394.1	ON	323	32.9	13.2	12.89	12.31	11.71	11.11
			OFF	292	53.1	19.8	12.84	12.42	11.82	11.22
118 6 4	27	71.4	ON	298	27.8	12.8	12.87	12.86	11.46	10.86
			OFF	321	24.3	12.3	12.89	12.19	11.59	10.99
118 6 6	28	74.1	ON	323	28.6	12.8	12.89	12.28	11.68	11.08
			OFF	324	32.9	13.3	12.18	12.33	11.73	11.13
118 6 8	29	76.7	ON	323	39.5	14.5	12.89	12.38	11.78	11.18
			OFF	321	44.8	15.6	12.88	12.41	11.81	11.21
119 9 2	81	214.2	ON	289	18.9	11.4	12.83	11.58	10.98	10.38
			OFF	322	23.3	12.1	12.88	12.17	11.57	10.97
120 4 1	59	156.1	ON	285	7.9	11.3	12.81	11.17	10.57	9.97
			OFF	296	17.1	11.5	12.86	11.93	11.33	10.73

SECRET

	2	37	97.9	ON	384	32.5	12.9	12.18	12.33	11.73	11.13
				OFF	383	38.8	13.8	12.18	12.37	11.77	11.17
121	9	5	188.4	ON	288	56.3	19.5	12.82	12.42	11.82	11.22
				OFF	279	62.5	23.6	11.98	12.42	11.82	11.22
122	4	6	119.6	ON	284	59.1	28.8	12.88	12.42	11.82	11.22
				OFF	273	65.9	26.5	11.95	12.42	11.82	11.22
125	1	4	158.8	ON	289	73.1	143.1	11.56	12.42	11.82	11.22
				OFF	192	62.8	158.8	11.44	12.42	11.82	11.22
127	1	2	39.7	ON	383	34.9	12.8	12.18	12.35	11.75	11.15
				OFF	383	37.3	12.4	12.18	12.37	11.77	11.17
138	3	1	74.1	ON	287	7.3	9.8	12.82	11.18	18.58	9.98
				OFF	292	11.4	9.8	12.84	11.54	18.94	18.34
132	8	2	188.5	ON	293	12.3	9.5	12.85	11.62	11.82	18.42
				OFF	299	18.5	9.7	12.88	12.88	11.48	18.88
134	3	3	66.1	ON	299	18.1	9.3	12.88	11.98	11.38	18.78
				OFF	381	22.8	9.6	12.89	12.13	11.53	18.93
134	3	7	153.4	ON	323	35.5	18.8	12.18	12.35	11.75	11.15
				OFF	299	44.4	12.3	12.87	12.41	11.81	11.21
136	6	2	39.7	ON	291	9.8	8.8	12.84	11.38	18.78	18.18
				OFF	294	12.2	8.9	12.85	11.68	11.88	18.48
137	2	3	42.3	ON	293	45.6	11.9	12.85	12.41	11.81	11.21
				OFF	291	48.2	12.5	12.84	12.42	11.82	11.22
137	2	7	63.5	ON	217	88.9	114.4	11.62	12.42	11.82	11.22
				OFF	218	78.8	136.3	11.57	12.42	11.82	11.22
138	8	7	63.5	ON	276	59.1	16.8	11.96	12.42	11.82	11.22
				OFF	278	63.2	18.1	11.93	12.42	11.82	11.22
141	8	6	111.1	ON	196	78.4	156.5	11.46	12.42	11.82	11.22
				OFF	183	61.2	163.8	11.37	12.42	11.82	11.22
143	8	8	39.7	ON	299	31.8	8.8	12.88	12.32	11.72	11.12
				OFF	299	34.3	9.2	12.87	12.34	11.74	11.14
149	8	3	349.1	ON	299	33.3	7.8	12.87	12.33	11.73	11.13
				OFF	282	53.6	18.9	11.99	12.42	11.82	11.22
152	5	4	128.4	ON	292	12.8	6.7	12.84	11.59	18.99	18.39
				OFF	297	18.4	6.8	12.87	11.99	11.39	18.79
151	8	3	145.5	ON	296	16.2	6.6	12.86	11.88	11.28	18.68
				OFF	299	24.8	6.9	12.88	12.28	11.68	11.88
152	8	2	42.3	ON	291	18.3	6.4	12.84	11.44	18.84	18.24
				OFF	293	12.9	6.4	12.85	11.67	11.87	18.47
154	4	7	74.1	ON	266	62.8	12.6	11.91	12.42	11.82	11.22
				OFF	258	67.6	15.1	11.86	12.42	11.82	11.22
165	3	1	219.5	ON	292	7.9	4.4	12.83	11.17	18.57	9.97
				OFF	297	28.6	4.5	12.87	12.88	11.48	18.88
165	3	4	314.3	ON	296	33.3	4.9	12.86	12.33	11.73	11.13
				OFF	278	52.8	6.6	11.97	12.42	11.82	11.22
167	9	2	74.1	ON	295	15.8	4.1	12.86	11.81	11.21	18.61
				OFF	297	19.5	4.2	12.87	12.84	11.44	18.84
168	9	2	31.7	ON	175	-69.8	18.5	11.31	8.8	8.8	8.8
				OFF	179	-66.1	9.2	11.33	8.8	8.8	8.8
169	9	4	58.3	ON	253	66.1	8.6	11.84	12.42	11.82	11.22
				OFF	247	69.6	9.9	11.88	12.42	11.82	11.22
172	9	7	39.7	ON	268	62.3	7.1	11.88	12.42	11.82	11.22



SECRET

181	7	2	68	179.9	OFF	255	65.8	7.9	11.85	12.42	11.82	11.22
					ON	283	44.5	2.4	12.88	12.41	11.81	11.21
					OFF	268	55.6	3.8	11.92	12.42	11.82	11.22
182	3	2	82	211.6	ON	296	13.4	1.8	12.86	11.78	11.18	10.58
					OFF	297	25.9	1.8	12.87	12.23	11.63	11.83
183	5	2	94	248.6	ON	298	4.8	1.8	12.83	10.62	10.82	9.42
					OFF	298	18.6	1.6	12.87	12.88	11.48	10.88
184	5	8	12	31.7	ON	179	-69.4	3.8	11.34	8.8	8.8	8.8
					OFF	183	-66.4	3.3	11.37	8.8	8.8	8.8

PHOTOGRAPHIC SUMMARY

AFT PAN CAMERA NO 193				0.1758 SLIT W/21			FILTER	3484 FILM				
OPN NO	FRA	FEET	ET	S-EL	S-DIR	EV	FULL	INT	PRI			
71	6	2	75	198.4	ON	346	9.7	18.1	12.29	11.78	11.18	10.58
					OFF	378	21.8	19.3	12.38	12.43	11.83	11.23
72	8	8	4	18.6	ON	124	-78.9	78.5	10.81	8.8	8.8	8.8
					OFF	124	-78.4	66.7	10.81	8.8	8.8	8.8
72	6	8	12	26.4	ON	181	-63.8	42.6	11.35	8.8	8.8	8.8
					OFF	183	-68.7	38.9	11.37	8.8	8.8	8.8
72	9	7	22	58.2	ON	389	36.5	22.5	12.46	12.69	12.89	11.49
					OFF	398	39.8	23.6	12.46	12.72	12.12	11.52
73	9	2	78	286.3	ON	366	18.4	18.7	12.37	12.33	11.73	11.13
					OFF	384	29.9	28.6	12.44	12.62	12.82	11.42
73	9	4	52	132.2	ON	382	53.8	31.2	12.43	12.75	12.15	11.55
					OFF	371	68.3	38.1	12.39	12.75	12.15	11.55
74	1	7	37	97.9	ON	375	57.9	34.8	12.48	12.75	12.15	11.55
					OFF	365	62.5	41.1	12.36	12.75	12.15	11.55
79	9	3	12	31.7	ON	387	31.9	28.8	12.45	12.65	12.85	11.45
					OFF	388	33.8	28.4	12.45	12.67	12.87	11.47
81	8	8	4	18.6	ON	322	18.6	16.6	12.19	11.79	11.19	10.59
					OFF	326	12.1	16.8	12.28	11.92	11.32	10.72
84	9	3	26	68.8	ON	366	16.5	16.7	12.37	12.23	11.63	11.83
					OFF	373	28.5	17.1	12.39	12.41	11.81	11.21
84	9	5	28	68.8	ON	379	24.4	17.7	12.42	12.53	11.93	11.33
					OFF	384	28.4	18.4	12.44	12.68	12.88	11.48
85	6	4	31	82.3	ON	375	21.1	17.1	12.48	12.43	11.83	11.23
					OFF	381	25.8	17.7	12.43	12.56	11.96	11.36
85	6	7	32	84.6	ON	398	38.2	28.5	12.46	12.71	12.11	11.51
					OFF	398	42.9	22.8	12.46	12.73	12.13	11.53
86	3	3	24	63.5	ON	383	14.8	16.2	12.36	12.13	11.53	10.93
					OFF	378	18.6	16.6	12.38	12.33	11.73	11.13
86	3	6	18	47.6	ON	384	28.1	18.8	12.44	12.68	12.88	11.48
					OFF	386	32.9	18.5	12.45	12.64	12.84	11.44
86	3	8	33	87.3	ON	398	38.1	28.3	12.46	12.78	12.18	11.58
					OFF	392	42.9	21.9	12.46	12.73	12.13	11.53
87	8	3	58	148.1	ON	383	15.7	16.2	12.36	12.19	11.59	10.99
					OFF	377	24.2	17.2	12.41	12.52	11.92	11.32
87	8	6	29	76.7	ON	388	37.4	19.9	12.45	12.78	12.18	11.58
					OFF	388	41.6	21.2	12.45	12.73	12.13	11.53
88	1	1	19	58.3	ON	344	7.6	15.4	12.28	11.39	10.79	10.19

SECRET

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SECRET

			OFF	351	18.2	15.6	12.31	11.75	11.15	10.55
	49	129.6	ON	387	44.5	22.8	12.45	12.74	12.14	11.54
			OFF	381	51.4	25.4	12.43	12.75	12.15	11.55
69	9 2	55	145.5	ON	376	22.6	16.6	12.41	12.48	11.88
			OFF	385	38.8	17.9	12.44	12.63	12.03	11.43
69	9 6	36	95.2	ON	355	64.8	38.5	12.32	12.75	12.15
			OFF	341	69.3	48.5	12.26	12.75	12.15	11.55
92	8 7	12	31.7	ON	315	75.8	83.3	12.15	12.75	12.15
			OFF	318	75.1	92.1	12.13	12.75	12.15	11.55
94	4 2	28	74.1	ON	379	52.6	24.6	12.42	12.75	12.15
			OFF	374	56.6	27.3	12.48	12.75	12.15	11.55
95	4 1	44	116.4	ON	387	32.7	17.3	12.45	12.66	12.06
			OFF	387	39.3	18.8	12.45	12.71	12.11	11.51
99	9 1	14	37.3	ON	368	9.7	13.9	12.34	11.71	11.11
			OFF	364	12.8	14.8	12.36	11.92	11.32	10.72
100	9 3	71	127.8	ON	371	16.1	14.2	12.39	12.21	11.61
			OFF	383	26.9	15.4	12.43	12.58	11.98	11.38
101	9 2	55	145.5	ON	375	18.3	14.2	12.48	12.32	11.72
			OFF	383	26.7	15.2	12.43	12.57	11.97	11.37
101	9 4	57	152.8	ON	327	35.1	16.7	12.45	12.68	12.08
			OFF	386	43.4	18.9	12.44	12.74	12.14	11.54
102	8 2	124	328.8	ON	368	13.2	13.6	12.35	12.82	11.42
			OFF	379	32.8	15.9	12.42	12.65	12.05	11.45
102	8 6	84	222.2	ON	388	38.3	17.2	12.42	12.71	12.11
			OFF	373	58.5	21.4	12.48	12.75	12.15	11.55
103	3 6	21	52.3	ON	373	22.8	14.4	12.48	12.48	11.88
			OFF	376	26.8	14.8	12.41	12.56	11.96	11.36
103	3 7	22	58.2	ON	378	29.2	15.2	12.42	12.61	12.01
			OFF	382	32.7	15.8	12.42	12.66	12.06	11.46
104	6 2	54	159.3	ON	356	18.4	13.2	12.33	11.77	11.17
			OFF	378	28.1	13.9	12.38	12.48	11.88	11.28
105	9 4	38	188.5	ON	367	55.8	23.8	12.37	12.75	12.15
			OFF	358	68.5	27.1	12.34	12.75	12.15	11.55
106	8 1	22	58.2	ON	382	34.5	15.6	12.42	12.68	12.08
			OFF	388	37.9	16.3	12.42	12.78	12.18	11.58
105	9 6	71	127.3	ON	368	53.3	22.1	12.38	12.75	12.15
			OFF	358	64.1	38.6	12.38	12.75	12.15	11.55
109	4 3	13	34.4	ON	296	77.6	89.2	12.86	12.75	12.15
			OFF	289	77.4	181.4	12.83	12.75	12.15	11.55
106	3 2	27	71.4	ON	378	25.7	12.5	12.41	12.55	11.95
			OFF	388	38.2	13.1	12.42	12.62	12.02	11.42
107	3 2	149	394.1	ON	388	38.9	13.2	12.42	12.64	12.04
			OFF	367	53.8	18.8	12.37	12.75	12.15	11.55
108	6 4	27	71.4	ON	361	28.2	11.7	12.42	12.39	11.79
			OFF	384	24.3	12.1	12.44	12.52	11.92	11.32
108	6 6	27	71.4	ON	387	28.6	12.5	12.45	12.68	12.08
			OFF	388	32.8	13.1	12.45	12.66	12.06	11.46
108	6 8	29	76.7	ON	327	39.5	14.3	12.45	12.71	12.11
			OFF	384	43.9	15.4	12.44	12.74	12.14	11.54
109	9 2	81	214.2	ON	369	12.9	12.9	12.38	11.82	11.22
			OFF	384	23.2	11.8	12.44	12.58	11.98	11.38

SECRET

120	4	2	37	97.9	ON	388	32.5	12.7	12.45	12.65	12.85	11.45
					OFF	387	38.8	13.7	12.45	12.72	12.10	11.50
121	9	5	41	108.4	ON	368	56.2	19.3	12.38	12.75	12.15	11.55
					OFF	357	62.4	23.4	12.33	12.75	12.15	11.55
122	4	6	45	119.8	ON	363	59.8	20.6	12.36	12.75	12.15	11.55
					OFF	349	65.8	26.2	12.30	12.75	12.15	11.55
125	1	4	56	148.1	ON	267	73.4	142.6	11.92	12.75	12.15	11.55
					OFF	245	62.5	158.1	11.79	12.75	12.15	11.55
127	1	2	15	39.7	ON	386	34.8	11.8	12.45	12.68	12.88	11.48
					OFF	387	37.3	12.2	12.45	12.70	12.10	11.50
130	3	1	26	66.8	ON	366	7.2	9.8	12.37	11.42	10.82	10.22
					OFF	373	11.4	9.2	12.39	11.87	11.27	10.67
132	8	2	42	105.2	ON	375	12.2	9.8	12.40	11.94	11.34	10.74
					OFF	382	18.5	9.3	12.43	12.33	11.73	11.13
134	3	3	25	66.1	ON	382	18.2	9.8	12.43	12.31	11.71	11.11
					OFF	385	21.9	9.2	12.44	12.46	11.86	11.26
134	3	7	58	153.4	ON	387	35.5	10.6	12.45	12.68	12.88	11.48
					OFF	381	44.3	12.1	12.43	12.74	12.14	11.54
136	8	2	15	39.7	ON	372	9.7	8.3	12.39	11.71	11.11	10.51
					OFF	375	12.1	8.4	12.40	11.93	11.33	10.73
137	2	3	16	42.3	ON	377	45.6	11.7	12.41	12.74	12.14	11.54
					OFF	374	48.1	12.3	12.40	12.75	12.15	11.55
137	2	7	23	60.8	ON	268	81.1	112.6	11.98	12.75	12.15	11.55
					OFF	271	78.3	135.3	11.93	12.75	12.15	11.55
138	2	7	24	63.5	ON	356	59.2	15.8	12.33	12.75	12.15	11.55
					OFF	348	62.9	17.9	12.30	12.75	12.15	11.55
141	8	6	42	111.1	ON	252	70.9	156.3	11.83	12.75	12.15	11.55
					OFF	236	61.8	164.0	11.74	12.75	12.15	11.55
143	6	2	15	39.7	ON	385	31.8	8.5	12.44	12.65	12.85	11.45
					OFF	385	34.3	8.8	12.44	12.67	12.87	11.47
149	6	3	132	349.1	ON	384	33.3	7.6	12.44	12.66	12.86	11.46
					OFF	363	53.5	10.8	12.36	12.75	12.15	11.55
153	5	4	42	105.2	ON	376	11.9	6.2	12.41	11.92	11.32	10.72
					OFF	382	18.3	6.5	12.43	12.32	11.72	11.12
151	8	3	55	145.5	ON	381	16.1	6.2	12.42	12.21	11.61	11.01
					OFF	385	24.7	6.6	12.44	12.53	11.93	11.33
152	6	2	16	42.3	ON	375	10.3	5.8	12.40	11.76	11.16	10.56
					OFF	378	12.9	5.9	12.41	11.99	11.39	10.79
154	4	7	29	76.7	ON	343	62.6	12.4	12.27	12.75	12.15	11.55
					OFF	332	67.4	14.8	12.23	12.75	12.15	11.55
165	3	1	83	219.5	ON	377	7.8	3.9	12.41	11.50	10.90	10.30
					OFF	356	27.6	4.2	12.44	12.41	11.81	11.21
165	3	4	119	314.8	ON	394	33.3	4.7	12.44	12.66	12.86	11.46
					OFF	362	51.9	6.5	12.35	12.75	12.15	11.55
167	9	2	25	74.1	ON	354	14.9	3.7	12.44	12.14	11.54	10.94
					OFF	336	19.4	3.8	12.44	12.37	11.77	11.17
168	9	2	12	31.7	ON	228	-69.5	10.2	11.69	0.8	0.8	0.8
					OFF	232	-66.5	9.9	11.71	0.8	0.8	0.8
169	9	4	19	58.3	ON	329	65.9	8.3	12.22	12.75	12.15	11.55

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170 9 7	15	39.7	OFF	321	69.4	9.7	12.18	12.75	12.15	11.55
			ON	338	62.1	7.8	12.25	12.75	12.15	11.55
181 7 2	68	179.9	OFF	332	64.8	7.7	12.23	12.75	12.15	11.55
			ON	368	44.4	2.2	12.38	12.74	12.14	11.54
182 3 2	88	211.6	OFF	348	55.4	2.8	12.38	12.75	12.15	11.55
			ON	385	13.4	1.3	12.44	12.83	11.43	10.83
183 5 2	94	248.6	OFF	386	25.8	1.5	12.44	12.56	11.96	11.36
			ON	377	3.9	1.8	12.41	10.94	10.34	9.74
184 5 8	13	34.4	OFF	387	18.5	1.3	12.45	12.33	11.73	11.13
			ON	233	-69.8	3.4	11.72	8.8	8.8	8.8
			OFF	237	-66.8	3.8	11.74	8.8	8.8	8.8

STELLAR-INDEX SUMMARY

CAMERA DATA	ET	FILM	FILTER	GRID	ASSEMBLY NO
STELLAR	2.7	3421	NCNE	111	D898
INDEX	1/500	3428	W/21	178	
PERFORMANCE	SUMMARY				

LPN	NO	FR	STEL FEET	INDX FEET	H	M	S	Q	ON LAT	ON LONG	Q	OFF LAT	OFF LONG	SEC DUR
71	6	2	1.19	2.32	8	2	38	2	59	68E	2	48	65E	187
72	6	2	2.28	7.42	9	12	52	1	38	111W	1	41	111W	59
72	9	7	2.48	2.79	9	39	27	2	32	47E	2	28	47E	65
73	9	2	1.19	2.38	11	4	47	2	51	19E	2	39	22E	198
73	9	4	2.79	1.55	11	14	9	2	13	27E	2	5	28E	128
74	1	7	2.59	1.19	12	45	28	2	8	5E	2	2	5E	99
79	9	3	2.38	2.59	24	8	19	2	37	112W	2	35	112W	43
84	9	3	2.49	2.99	3	34	24	2	53	129E	2	49	138E	74
84	9	5	2.49	2.99	3	36	25	2	45	132E	2	41	133E	74
85	6	4	2.49	2.99	5	5	35	2	48	188E	2	43	189E	85
85	6	7	2.49	2.99	5	9	57	2	31	112E	2	26	113E	86
86	3	3	2.42	2.79	6	33	59	2	54	83E	2	51	84E	78
86	3	6	2.38	2.59	6	37	21	2	41	87E	2	38	88E	55
86	3	2	2.59	1.19	6	39	55	2	31	98E	2	26	98E	88
87	8	3	2.59	1.73	8	4	13	2	53	68E	2	45	64E	142
87	8	8	2.49	2.99	8	9	43	2	31	67E	2	27	67E	79
88	1	1	2.32	2.59	9	32	8	2	62	33E	2	59	35E	61
88	1	6	2.79	1.58	9	41	34	2	24	45E	2	17	46E	123
89	9	2	2.89	1.73	11	5	57	2	47	18E	2	38	28E	137
89	9	8	2.59	1.19	11	17	11	2	1	25E	3	4	26E	184
92	8	7	2.28	2.42	15	51	41	3	16	39W	3	18	39W	48
94	4	2	2.49	2.99	18	43	34	2	16	88W	2	11	88W	78
95	4	1	2.59	1.39	27	8	24	2	36	114W	2	38	113W	113
99	9	1	2.38	2.59	2	2	32	2	59	145E	2	57	147E	46
100	9	3	1.29	2.15	3	34	3	2	53	126E	2	42	138E	176
101	9	2	2.89	1.73	5	4	34	2	51	184E	2	43	187E	148
101	9	4	2.89	1.73	5	8	42	2	34	189E	2	26	111E	148
102	8	2	1.29	3.76	6	33	15	2	56	79E	2	37	86E	296
102	8	5	1.29	2.57	6	39	34	2	31	87E	2	18	89E	281
103	3	6	2.42	2.79	8	5	37	2	47	61E	2	43	62E	61
103	3	7	2.42	2.79	8	7	13	2	48	62E	2	37	63E	66

STELLAR

SECRET

185	9	4	6	0.59	1.19	11	13	42	2	14	22E	2	8	22E	182
186	8	1	4	0.40	0.79	12	38	26	2	35	3W	2	31	3W	62
186	8	6	11	1.09	2.18	12	43	21	2	15	0W	2	4	0E	180
189	4	3	3	0.30	0.59	17	21	30	3	18	64W	3	20	64W	54
116	3	2	5	0.49	0.99	3	35	31	2	44	127E	2	40	128E	77
117	3	2	22	2.18	4.36	5	6	45	2	39	106E	2	16	110E	348
118	6	4	5	0.49	0.99	6	33	57	2	50	80E	2	45	81E	77
118	6	6	5	0.49	0.99	6	36	5	2	41	83E	2	37	84E	76
118	6	8	5	0.49	0.99	6	38	48	2	30	85E	2	26	86E	80
119	9	2	12	1.19	2.38	8	1	37	2	58	53E	2	46	59E	197
120	4	1	9	0.89	1.78	9	30	46	2	61	29E	2	52	34E	149
120	4	2	6	0.59	1.19	9	36	53	2	37	38E	2	32	39E	95
121	9	5	7	0.69	1.39	11	12	47	2	13	20E	2	6	20E	110
122	4	6	7	0.69	1.39	12	43	25	2	10	2W	2	3	1W	121
125	1	4	9	0.89	1.78	17	23	38	3	31	64W	3	43	61W	200
127	1	2	3	0.30	0.59	20	6	48	2	35	119W	2	32	118W	50
130	3	1	5	0.49	0.99	0	29	40	2	62	162E	2	58	165E	75
132	8	2	6	0.59	1.19	3	30	41	2	57	120E	2	51	123E	105
134	3	3	4	0.40	0.79	6	31	52	2	52	77E	2	40	79E	71
134	3	7	9	0.89	1.78	6	36	10	2	34	82E	2	26	84E	145
136	0	2	3	0.30	0.59	9	29	35	2	60	28E	2	57	29E	48
137	2	3	3	0.30	0.59	11	8	17	2	24	16E	2	22	16E	51
137	2	7	4	0.40	0.79	11	19	53	3	21	22E	3	26	22E	86
138	8	7	4	0.40	0.79	12	41	32	2	11	4W	2	7	3W	73
141	0	0	7	0.69	1.39	17	22	53	3	35	65W	3	45	63W	159
143	6	3	3	0.30	0.59	20	4	4	2	38	121W	2	36	121W	50
149	6	3	20	1.99	3.98	5	3	32	2	37	102E	2	17	106E	312
150	5	4	7	0.69	1.39	6	28	10	2	57	72E	2	51	75E	106
151	0	3	9	0.89	1.78	7	59	1	2	53	52E	2	45	55E	139
152	6	2	3	0.30	0.59	9	27	25	2	59	26E	2	57	28E	51
154	4	7	5	0.49	0.99	12	39	57	2	7	5W	2	3	5W	85
165	3	1	13	1.29	2.57	4	54	31	2	61	91E	2	49	97E	199
165	3	4	10	1.78	3.56	5	0	42	2	37	101E	2	18	104E	206
167	9	2	5	0.49	0.99	7	55	51	2	54	50E	2	50	52E	78
168	9	0	0	0.20	0.40	9	4	56	1	38	124W	1	41	124W	50
169	9	4	3	0.30	0.59	11	7	54	2	4	15E	2	1	15E	65
172	9	7	3	0.30	0.59	12	36	46	2	8	7W	2	5	7W	53
181	7	2	10	0.99	1.98	4	59	59	2	26	101E	2	15	102E	174
182	3	2	10	1.19	2.38	6	22	12	2	56	70E	2	44	75E	194
183	0	2	14	1.39	2.77	7	49	40	2	65	41E	2	51	50E	226
184	5	0	0	0.20	0.40	9	1	23	1	38	126W	1	41	125W	50

NOTE - THE LAST FIVE FRAMES FOR THE FWD PAN CAMERA AND THE LAST SIX FRAMES FOR THE AFT PAN CAMERA OF OPERATION 71-6-2 ARE IN THE MISSILE RECOVERY BUCKET.

NOTE - OPERATION 72-7-2 WAS THE CUT AND WRAP OPERATION OCCURRING AT THE A TO B TRANSFER.

SECRET

SECRET

OPERATION 81-8-8 WAS THE LENS STOWING OPERATION OCCURRING AT THE TIME OF THE A MISSION RECOVERY.

NOTE - TLM DATA OBSERVED DURING OPERATION 184-5-8 SHOWED THAT ALL OF THE FILM WAS DEPLETED FOR BOTH PAN CAMERAS PRIOR TO THIS OPERATION.

NOTE - TLM DATA INDICATE NORMAL SYSTEM PERFORMANCE FOR THE ENTIRE MISSION.

PAGE 19

SECRET

A. 1038-2

B. DRY

C. PERFORMANCE ESTIMATE - PART TWO

SECRET

RATE ESTIMATE

FWD PAN CAMERA NUMBER 192

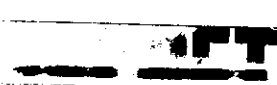
OPN NO	FR	R	A	TUR/	DUR	INST	INST	SCAN	RATE	PCT	RATE
						CPS	ANG-VEL	R/SEC	I/SEC	CALIB	REQD
71	6	2	75	7	3 ON	1426	0.4235	0.03404	2.535	68.84	-3.8 -3.6
					OFF	174	0.4321	0.03646	2.715	65.16	-3.8 -2.3
72	0	0	4	10	2 ON	0	0.1673	0.01412	1.051	25.23	-3.8 -45.4
					OFF	23	0.1673	0.01412	1.051	25.23	-3.8 -46.3
72	6	0	10	7	3 ON	249	0.2115	0.01784	1.329	31.89	-3.8 -23.0
					OFF	46	0.2144	0.01809	1.347	32.33	-3.8 -23.2
72	9	7	22	7	3 ON	1844	0.4539	0.03830	2.852	68.45	-3.8 -1.7
					OFF	52	0.4551	0.03840	2.859	68.62	-3.8 -1.7
73	9	2	70	7	3 ON	1564	0.4274	0.03606	2.685	64.44	-3.8 -2.4
					OFF	177	0.4478	0.03778	2.813	67.52	-3.8 -1.8
73	9	4	50	7	3 ON	2126	0.4455	0.03759	2.799	67.18	-3.8 -1.7
					OFF	115	0.4326	0.03650	2.718	65.23	-3.8 -1.7
74	1	7	37	7	3 ON	2199	0.4377	0.03693	2.750	66.00	-3.8 -1.8
					OFF	36	0.4263	0.03597	2.679	64.29	-3.8 -1.7
79	9	3	13	7	3 ON	1700	0.4513	0.03898	2.835	68.05	-3.8 -1.6
					OFF	32	0.4527	0.03820	2.845	68.27	-3.8 -1.6
81	2	0	4	10	2 ON	0	0.1624	0.01353	1.000	24.18	-3.8 -164.4
					OFF	24	0.1624	0.01353	1.000	24.18	-3.8 -166.4
84	9	3	26	7	3 ON	1553	0.4271	0.03604	2.684	64.41	-3.8 -2.4
					OFF	51	0.4353	0.03673	2.735	65.63	-3.8 -2.1
84	9	5	26	7	3 ON	1604	0.4427	0.03736	2.782	66.76	-3.8 -1.8
					OFF	61	0.4480	0.03781	2.815	67.56	-3.8 -1.7
85	6	4	31	7	3 ON	1635	0.4371	0.03688	2.746	65.91	-3.8 -2.0
					OFF	72	0.4447	0.03752	2.794	67.06	-3.8 -1.8
85	6	7	32	7	3 ON	1890	0.4551	0.03840	2.860	68.63	-3.8 -1.5
					OFF	73	0.4547	0.03837	2.857	68.57	-3.8 -1.5
86	3	3	24	7	3 ON	1541	0.4237	0.03575	2.662	63.90	-3.8 -2.6
					OFF	57	0.4318	0.03644	2.713	65.12	-3.8 -2.3
86	3	6	10	7	3 ON	1743	0.4482	0.03782	2.816	67.58	-3.8 -1.7
					OFF	42	0.4509	0.03805	2.833	68.00	-3.8 -1.6
86	3	8	30	7	3 ON	1897	0.4551	0.03840	2.860	68.63	-3.8 -1.5
					OFF	75	0.4546	0.03836	2.857	68.56	-3.8 -1.5
87	5	3	56	7	3 ON	1558	0.4224	0.03564	2.654	63.70	-4.7 -3.5
					OFF	129	0.4385	0.03700	2.755	66.13	-4.7 -2.9
87	8	6	29	7	3 ON	1808	0.4507	0.03803	2.832	67.96	-4.7 -2.5
					OFF	66	0.4507	0.03803	2.832	67.96	-4.7 -2.5
88	1	1	10	7	3 ON	1429	0.4002	0.03377	2.515	60.35	-4.7 -4.8
					OFF	48	0.4006	0.03447	2.567	61.61	-4.7 -4.3
88	1	6	40	7	3 ON	2003	0.4493	0.03791	2.823	67.76	-4.7 -2.5
					OFF	110	0.4428	0.03736	2.782	66.77	-4.7 -2.5
89	9	2	55	7	3 ON	1569	0.4370	0.03687	2.746	65.89	-4.7 -2.8
					OFF	124	0.4471	0.03773	2.809	67.43	-4.7 -2.6

SECRET

89	9	6	36	7	3	ON	112	0.03478	2.590	62.16	-4.7	-3.1	
						OFF	91	0.3968	0.03341	2.488	59.72	-4.7	-3.3
92	8	7	12	6	4	ON	2625	0.3666	0.03093	2.303	55.28	-4.7	-1.8
						OFF	35	0.3601	0.03039	2.263	54.31	-4.7	-1.7
94	4	2	29	6	4	ON	2147	0.4404	0.03716	2.767	66.41	-4.7	-2.5
						OFF	65	0.4344	0.03665	2.729	65.50	-4.7	-2.3
95	4	1	44	6	4	ON	1842	0.4492	0.03791	2.823	67.74	-4.7	-2.5
						OFF	100	0.4504	0.03800	2.830	67.91	-4.7	-2.6
99	9	1	14	6	4	ON	1506	0.4185	0.03531	2.629	63.10	-4.7	-2.8
						OFF	33	0.4227	0.03567	2.656	63.75	-4.7	-2.8
100	9	3	72	6	4	ON	1603	0.4313	0.03639	2.710	65.04	-4.7	-2.5
						OFF	163	0.4456	0.03760	2.800	67.20	-4.7	-2.5
101	9	2	55	6	4	ON	1639	0.4354	0.03674	2.736	65.65	-4.7	-2.5
						OFF	127	0.4456	0.03760	2.800	67.20	-4.7	-2.5
101	9	4	57	6	4	ON	1893	0.4503	0.03890	2.829	67.90	-4.7	-2.5
						OFF	127	0.4486	0.03785	2.819	67.64	-4.7	-2.5
102	8	2	125	6	4	ON	1567	0.4289	0.03619	2.695	64.68	-4.2	-2.1
						OFF	203	0.4515	0.03810	2.837	68.09	-4.2	-2.0
102	8	6	84	6	4	ON	1945	0.4524	0.03818	2.843	68.23	-4.2	-2.0
						OFF	108	0.4440	0.03746	2.790	66.95	-4.2	-2.0
103	3	6	21	6	4	ON	1714	0.4443	0.03749	2.792	67.00	-4.2	-1.9
						OFF	48	0.4475	0.03776	2.812	67.48	-4.2	-1.9
103	3	7	23	6	4	ON	1810	0.4502	0.03799	2.829	67.89	-4.2	-1.9
						OFF	53	0.4519	0.03813	2.839	68.14	-4.2	-2.0
104	5	2	60	6	4	ON	1529	0.4239	0.03577	2.663	63.92	-4.2	-2.2
						OFF	146	0.4437	0.03719	2.769	66.46	-4.2	-2.0
105	9	4	39	6	4	ON	2209	0.4364	0.03692	2.742	65.81	-4.2	-1.9
						OFF	09	0.4253	0.03593	2.676	64.21	-4.2	-1.7
106	8	1	22	6	4	ON	1899	0.4525	0.03818	2.843	68.23	-4.2	-1.9
						OFF	49	0.4525	0.03818	2.843	68.23	-4.2	-2.0
106	8	6	72	6	4	ON	2194	0.4382	0.03696	2.752	66.05	-4.2	-1.9
						OFF	107	0.4167	0.03516	2.618	62.83	-4.2	-1.6
109	4	3	14	6	4	ON	2704	0.3522	0.02972	2.213	53.11	-4.2	-2.4
						OFF	41	0.3444	0.02906	2.164	51.93	-4.2	-2.5
116	3	2	23	6	4	ON	1792	0.4494	0.03792	2.824	67.77	-4.2	-1.8
						OFF	54	0.4517	0.03811	2.838	68.12	-4.2	-1.8
117	3	2	149	6	4	ON	1874	0.4522	0.03815	2.841	68.18	-4.2	-1.8
						OFF	325	0.4363	0.03686	2.745	65.87	-4.2	-1.9
118	5	4	27	6	4	ON	1714	0.4455	0.03759	2.799	67.18	-4.0	-1.5
						OFF	04	0.4496	0.03794	2.825	67.80	-4.0	-1.5
118	5	6	22	6	4	ON	1842	0.4526	0.03819	2.844	68.25	-4.0	-1.5
						OFF	03	0.4537	0.03828	2.851	68.42	-4.0	-1.6
118	5	8	29	6	4	ON	2015	0.4523	0.03817	2.842	68.21	-4.0	-1.6
						OFF	67	0.4494	0.03792	2.824	67.76	-4.0	-1.6
119	9	2	31	6	4	ON	1501	0.4310	0.03644	2.713	65.12	-4.0	-1.8
						OFF	104	0.4489	0.03787	2.820	67.69	-4.0	-1.5
120	4	1	50	6	4	ON	1538	0.4261	0.03596	2.678	64.26	-4.0	-2.1
						OFF	136	0.4417	0.03727	2.776	66.61	-4.0	-1.7
120	4	2	37	6	4	ON	1924	0.4537	0.03828	2.851	68.42	-4.0	-1.5
						OFF	02	0.4532	0.03822	2.846	68.31	-4.0	-1.6
121	9	5	41	6	4	ON	2205	0.4399	0.03636	2.708	64.98	-4.0	-1.6

OFFICIAL

122	4	6	45	6	4	ON	2311	0.4176	0.03524	2.624	62.98	-4.0	-1.5
						OFF	188	0.4884	0.03446	2.566	61.59	-4.0	-1.5
125	1	4	57	6	4	ON	2951	0.3131	0.02641	1.967	47.21	-4.0	-1.2
						OFF	187	0.2871	0.02423	1.804	43.30	-4.0	0.2
127	1	2	15	6	4	ON	1958	0.4535	0.03826	2.849	68.38	-4.0	-1.5
						OFF	37	0.4527	0.03820	2.845	68.27	-4.0	-1.5
130	3	1	28	6	4	ON	1557	0.4287	0.03618	2.694	64.65	-4.0	-2.1
						OFF	62	0.4359	0.03678	2.739	65.74	-4.0	-1.9
132	3	2	38	6	4	ON	1638	0.4385	0.03700	2.755	66.12	-4.0	-1.7
						OFF	92	0.4465	0.03768	2.805	67.33	-4.0	-1.6
134	3	3	25	6	4	ON	1729	0.4466	0.03769	2.806	67.35	-4.0	-1.6
						OFF	58	0.4501	0.03798	2.828	67.88	-4.0	-1.5
134	3	7	53	6	4	ON	1966	0.4529	0.03821	2.846	68.29	-4.0	-1.5
						OFF	132	0.4463	0.03766	2.804	67.30	-4.0	-1.6
136	6	2	15	6	4	ON	1612	0.4356	0.03675	2.737	65.68	-4.0	-2.0
						OFF	35	0.4398	0.03785	2.759	66.21	-4.0	-1.9
137	2	3	16	6	4	ON	2145	0.4376	0.03692	2.749	65.99	-5.3	-3.1
						OFF	38	0.4344	0.03665	2.729	65.50	-5.3	-3.1
137	2	7	24	6	4	ON	2841	0.3251	0.02743	2.043	49.02	-5.3	-4.1
						OFF	73	0.3146	0.02654	1.976	47.43	-5.3	-3.3
138	5	7	24	6	4	ON	2351	0.4130	0.03485	2.595	62.28	-5.3	-3.3
						OFF	60	0.4041	0.03410	2.539	60.94	-5.3	-3.3
141	6	6	42	6	4	ON	3065	0.2925	0.02468	1.838	44.11	-5.3	-2.6
						OFF	146	0.2740	0.02312	1.722	41.32	-5.3	-1.7
143	6	3	15	6	4	ON	1958	0.4471	0.03772	2.809	67.42	-5.3	-2.8
						OFF	37	0.4464	0.03766	2.805	67.31	-5.3	-2.8
149	6	3	132	6	4	ON	1956	0.4462	0.03765	2.804	67.29	-5.3	-2.8
						OFF	299	0.4214	0.03556	2.648	63.55	-5.3	-3.2
150	5	4	41	6	4	ON	1686	0.4369	0.03687	2.745	65.89	-5.3	-3.1
						OFF	93	0.4434	0.03741	2.786	66.86	-5.3	-2.9
151	6	3	55	6	4	ON	1751	0.4419	0.03728	2.776	66.63	-5.3	-3.0
						OFF	126	0.4470	0.03771	2.808	67.40	-5.3	-2.9
152	6	2	16	6	4	ON	1609	0.4353	0.03673	2.735	65.65	-5.3	-3.3
						OFF	38	0.4384	0.03699	2.755	66.12	-5.3	-3.2
154	4	7	28	6	4	ON	2446	0.3977	0.03355	2.499	59.97	-5.3	-3.0
						OFF	72	0.3853	0.03251	2.421	58.10	-5.3	-3.9
155	3	1	33	6	4	ON	1674	0.4334	0.03657	2.723	65.36	-5.9	-3.7
						OFF	186	0.4441	0.03748	2.791	66.97	-5.9	-3.2
155	3	4	110	6	4	ON	2245	0.4410	0.03728	2.776	66.63	-5.9	-3.3
						OFF	273	0.4159	0.03509	2.613	62.72	-5.9	-3.9
157	9	2	20	6	4	ON	1725	0.4414	0.03724	2.773	66.56	-5.9	-3.3
						OFF	65	0.4439	0.03745	2.789	66.94	-5.9	-3.3
158	9	3	12	6	4	ON	545	0.2626	0.02216	1.650	39.60	-5.9	-19.4
						OFF	45	0.2673	0.02255	1.679	40.30	-5.9	-19.3
159	9	4	19	6	4	ON	2538	0.3789	0.03197	2.381	57.14	-5.9	-5.1
						OFF	52	0.3695	0.03118	2.322	55.72	-5.9	-5.3
177	9	7	15	6	4	ON	2434	0.3887	0.03280	2.442	58.61	-5.9	-4.8
						OFF	40	0.3820	0.03223	2.400	57.60	-5.9	-4.9
181	7	2	20	6	4	ON	2258	0.4234	0.03572	2.660	63.84	-5.9	-3.7
						OFF	161	0.4004	0.03379	2.516	60.39	-5.9	-4.4



UNIT

182	3	2	82	6	4	ON	1809	0.4425	0.03734	2.780	66.73	-5.9	-3.1
						OFF	181	0.4448	0.03747	2.790	66.96	-5.9	-3.8
183	5	2	94	6	4	ON	1673	0.4334	0.03657	2.723	65.35	-5.9	-3.8
						OFF	213	0.4446	0.03752	2.794	67.05	-5.9	-3.8
184	5	0	12	6	4	ON	595	0.2682	0.02263	1.685	40.44	-5.9	-20.8
						OFF	45	0.2731	0.02304	1.716	41.18	-5.9	-20.6

RATE ESTIMATE

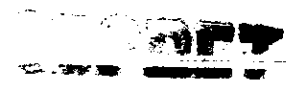
AET PAN CAMERA NUMBER 193

CPN NO	FR	R	A	TUR/DUR	INST CPS	INST ANG-VEL	SCAN RATE R/SEC	RATE I/SEC	PCT CALIB	RATE RECD		
71	6	2	75	7	3 ON	1438	0.4017	0.03390	2.524	60.58	-4.2	-4.5
					OFF	174	0.4303	0.03630	2.703	64.88	-4.2	-3.8
72	8	0	4	10	2 ON	12	0.1666	0.01406	1.047	25.13	-4.2	-46.6
					OFF	23	0.1666	0.01406	1.047	25.13	-4.2	-47.5
72	6	0	17	7	3 ON	261	0.2106	0.01777	1.323	31.75	-4.2	-24.1
					OFF	46	0.2135	0.01801	1.341	32.19	-4.2	-24.3
72	9	7	22	7	3 ON	1856	0.4520	0.03814	2.840	68.16	-4.2	-2.2
					OFF	52	0.4531	0.03823	2.847	68.33	-4.2	-2.1
73	9	2	78	7	3 ON	1576	0.4255	0.03591	2.674	64.17	-4.2	-3.2
					OFF	177	0.4458	0.03762	2.801	67.23	-4.2	-2.4
73	9	4	50	7	3 ON	2138	0.4436	0.03743	2.787	66.90	-4.2	-1.9
					OFF	115	0.4307	0.03634	2.706	64.95	-4.2	-1.7
74	1	7	37	7	3 ON	2211	0.4350	0.03677	2.738	65.72	-4.2	-1.8
					OFF	06	0.4245	0.03582	2.667	64.01	-4.2	-1.7
79	9	3	12	7	3 ON	1570	0.4494	0.03792	2.823	67.76	-4.2	-2.2
					OFF	30	0.4500	0.03804	2.832	67.90	-4.2	-2.2
81	0	0	4	10	2 ON	12	0.1597	0.01347	1.003	24.00	-4.2	-166.6
					OFF	24	0.1597	0.01347	1.003	24.00	-4.2	-168.6
84	9	3	26	7	3 ON	1575	0.4253	0.03589	2.672	64.14	-4.2	-3.2
					OFF	61	0.4334	0.03657	2.723	65.35	-4.2	-2.9
84	9	5	26	7	3 ON	1696	0.4400	0.03720	2.770	66.48	-4.2	-2.5
					OFF	61	0.4461	0.03764	2.803	67.20	-4.2	-2.3
85	6	4	31	7	3 ON	1647	0.4352	0.03673	2.735	65.63	-4.2	-2.7
					OFF	72	0.4426	0.03736	2.782	66.77	-4.2	-2.5
85	6	7	32	7	3 ON	1910	0.4532	0.03824	2.847	68.34	-4.2	-2.0
					OFF	73	0.4528	0.03820	2.845	68.27	-4.2	-1.9
86	3	3	24	7	3 ON	1553	0.4219	0.03560	2.651	63.63	-4.2	-3.4
					OFF	57	0.4300	0.03628	2.702	64.84	-4.2	-3.1
86	3	0	10	7	3 ON	1755	0.4463	0.03765	2.804	67.29	-4.2	-2.3
					OFF	42	0.4490	0.03789	2.821	67.71	-4.2	-2.2
86	5	0	33	7	3 ON	1909	0.4532	0.03824	2.847	68.34	-4.2	-2.0
					OFF	75	0.4527	0.03820	2.844	68.27	-4.2	-1.9
87	8	3	56	7	3 ON	1570	0.4223	0.03563	2.653	63.68	-4.7	-3.9
					OFF	129	0.4304	0.03699	2.755	66.11	-4.7	-3.1
87	8	6	29	7	3 ON	1900	0.4526	0.03802	2.831	67.94	-4.7	-2.5
					OFF	66	0.4500	0.03802	2.831	67.94	-4.7	-2.5
88	1	1	19	7	3 ON	1441	0.4001	0.03376	2.514	60.33	-4.7	-5.3
					OFF	48	0.4004	0.03446	2.566	61.59	-4.7	-4.8
88	1	6	49	7	3 ON	2015	0.4492	0.03790	2.822	67.74	-4.7	-2.4

UNIT

DEBIL

				OFF	118	0.4427	0.03735	2.781	66.75	-4.7	-2.3	
69	9	2	55	7	3 ON	1661	0.4368	0.03686	2.745	65.88	-4.7	-3.1
					OFF	124	0.4470	0.03772	2.809	67.41	-4.7	-2.7
69	9	6	36	7	3 ON	2356	0.4121	0.03477	2.589	62.14	-4.7	-2.6
					OFF	91	0.3959	0.03341	2.488	59.70	-4.7	-2.8
92	8	7	12	6	4 ON	2637	0.3665	0.03092	2.303	55.27	-4.7	-1.1
					OFF	35	0.3602	0.03038	2.262	54.29	-4.7	-1.0
94	4	2	23	6	4 ON	2159	0.4403	0.03715	2.766	66.39	-4.7	-2.2
					OFF	65	0.4343	0.03664	2.729	65.48	-4.7	-2.0
95	4	1	44	6	4 ON	1854	0.4491	0.03790	2.822	67.73	-4.7	-2.6
					OFF	120	0.4502	0.03799	2.829	67.89	-4.7	-2.6
99	9	1	14	6	4 ON	1518	0.4183	0.03530	2.629	63.08	-4.7	-3.2
					OFF	33	0.4226	0.03566	2.655	63.73	-4.7	-3.2
102	9	3	71	6	4 ON	1615	0.4312	0.03638	2.709	65.02	-4.7	-2.9
					OFF	163	0.4455	0.03759	2.799	67.18	-4.7	-2.7
101	9	2	55	6	4 ON	1651	0.4352	0.03673	2.735	65.63	-4.7	-2.8
					OFF	127	0.4455	0.03759	2.799	67.18	-4.7	-2.7
101	9	4	57	6	4 ON	1925	0.4502	0.03798	2.829	67.88	-4.7	-2.6
					OFF	127	0.4485	0.03784	2.818	67.62	-4.7	-2.4
102	8	2	124	6	4 ON	1579	0.4189	0.03535	2.632	63.17	-6.5	-4.9
					OFF	233	0.4410	0.03721	2.771	66.50	-6.5	-4.5
102	8	6	84	6	4 ON	1957	0.4419	0.03729	2.776	66.63	-6.5	-4.4
					OFF	188	0.4336	0.03659	2.724	65.39	-6.5	-4.1
103	3	6	27	6	4 ON	1726	0.4339	0.03662	2.727	65.44	-6.5	-4.5
					OFF	48	0.4371	0.03688	2.746	65.91	-6.5	-4.5
103	3	7	22	6	4 ON	1822	0.4397	0.03710	2.763	66.30	-6.5	-4.5
					OFF	53	0.4413	0.03724	2.773	66.55	-6.5	-4.5
104	6	2	64	6	4 ON	1541	0.4142	0.03493	2.601	62.43	-6.5	-5.1
					OFF	146	0.4304	0.03632	2.704	64.90	-6.5	-4.7
105	9	4	38	6	4 ON	2221	0.4262	0.03596	2.678	64.27	-6.5	-4.8
					OFF	89	0.4159	0.03509	2.613	62.71	-6.5	-3.7
106	8	1	22	6	4 ON	1911	0.4419	0.03729	2.777	66.64	-6.5	-4.4
					OFF	49	0.4419	0.03729	2.776	66.63	-6.5	-4.4
106	8	6	71	6	4 ON	2236	0.4278	0.03609	2.688	64.51	-6.5	-4.0
					OFF	157	0.4272	0.03434	2.557	61.37	-6.5	-3.6
109	4	3	17	6	4 ON	2716	0.3442	0.02902	2.161	51.87	-6.5	-4.2
					OFF	41	0.3363	0.02838	2.113	50.72	-6.5	-4.2
116	3	2	27	6	4 ON	1834	0.4330	0.03723	2.758	66.18	-6.5	-4.3
					OFF	64	0.4412	0.03722	2.772	66.53	-6.5	-4.3
117	3	2	140	6	4 ON	1836	0.4416	0.03726	2.775	66.59	-6.5	-4.3
					OFF	335	0.4266	0.03600	2.681	64.33	-6.5	-4.0
118	6	4	27	6	4 ON	1726	0.4425	0.03734	2.780	66.73	-4.6	-2.4
					OFF	64	0.4466	0.03768	2.806	67.34	-4.6	-2.4
113	6	6	27	6	4 ON	1834	0.4495	0.03793	2.824	67.79	-4.6	-2.3
					OFF	63	0.4506	0.03802	2.831	67.95	-4.6	-2.3
110	6	5	29	6	4 ON	2217	0.4423	0.03791	2.823	67.75	-4.6	-2.2
					OFF	67	0.4463	0.03766	2.804	67.31	-4.6	-2.1
119	9	2	21	6	4 ON	1593	0.4280	0.03619	2.695	64.68	-4.6	-2.8
					OFF	104	0.4450	0.03762	2.801	67.23	-4.6	-2.4
120	4	1	59	6	4 ON	1550	0.4233	0.03571	2.659	63.83	-4.6	-3.1
					OFF	106	0.4385	0.03702	2.757	66.16	-4.6	-2.6



FORM 100-1 (REVISED) DEPARTMENT OF THE ARMY (GPO) WASHINGTON, D.C.

121	9	5	41	6	4	ON	82	0.4499	0.03796	2.827	67.84	-4.6	-2.2
						OFF	97	0.4148	0.03500	2.686	62.55	-4.6	-1.7
122	4	6	45	6	4	ON	2323	0.4219	0.03560	2.651	63.62	-4.6	-1.9
						OFF	108	0.4056	0.03423	2.549	61.17	-4.6	-1.7
125	1	4	56	6	4	ON	2963	0.3189	0.02624	1.954	46.89	-4.6	-1.2
						OFF	187	0.2852	0.02406	1.792	43.00	-4.6	0.1
127	1	2	15	6	4	ON	1970	0.4504	0.03800	2.830	67.92	-4.6	-2.2
						OFF	37	0.4497	0.03794	2.825	67.81	-4.6	-2.1
130	3	1	26	6	4	ON	1569	0.4258	0.03593	2.676	64.21	-4.6	-3.1
						OFF	62	0.4330	0.03653	2.721	65.29	-4.6	-2.9
132	8	2	40	6	4	ON	1650	0.4355	0.03675	2.736	65.68	-4.6	-2.7
						OFF	92	0.4435	0.03742	2.786	66.88	-4.6	-2.5
134	3	3	25	6	4	ON	1741	0.4436	0.03743	2.787	66.90	-4.6	-2.4
						OFF	58	0.4471	0.03772	2.809	67.42	-4.6	-2.4
134	3	7	58	6	4	ON	1998	0.4498	0.03795	2.826	67.83	-4.6	-2.2
						OFF	132	0.4433	0.03740	2.785	66.84	-4.6	-2.1
136	6	2	15	6	4	ON	1624	0.4326	0.03650	2.718	65.24	-4.6	-2.9
						OFF	35	0.4361	0.03680	2.740	65.76	-4.6	-2.8
137	2	3	16	6	4	ON	2157	0.4381	0.03696	2.752	66.06	-5.2	-2.8
						OFF	38	0.4349	0.03669	2.732	65.58	-5.2	-2.7
137	2	7	23	6	4	ON	2853	0.3255	0.02746	2.045	49.08	-5.2	-3.3
						OFF	73	0.3149	0.02657	1.979	47.49	-5.2	-2.5
138	8	7	24	6	4	ON	2363	0.4135	0.03489	2.598	62.35	-5.2	-2.8
						OFF	68	0.4046	0.03414	2.542	61.81	-5.2	-2.7
141	0	6	42	6	4	ON	3877	0.2928	0.02471	1.848	44.16	-5.2	-1.9
						OFF	146	0.2743	0.02315	1.724	41.37	-5.2	-0.9
143	6	0	15	6	4	ON	1970	0.4476	0.03777	2.812	67.49	-5.2	-2.6
						OFF	37	0.4469	0.03771	2.800	67.39	-5.2	-2.6
149	6	3	132	6	4	ON	2000	0.4467	0.03769	2.807	67.36	-5.2	-2.6
						OFF	299	0.4219	0.03560	2.651	63.62	-5.2	-2.7
150	5	4	40	6	4	ON	1698	0.4374	0.03691	2.748	65.96	-5.2	-3.2
						OFF	93	0.4439	0.03746	2.789	66.94	-5.2	-2.9
151	8	3	55	6	4	ON	1763	0.4424	0.03733	2.779	66.71	-5.2	-3.0
						OFF	126	0.4475	0.03776	2.811	67.47	-5.2	-2.8
152	6	2	16	6	4	ON	1681	0.4358	0.03677	2.738	65.72	-5.2	-3.4
						OFF	38	0.4389	0.03704	2.758	66.19	-5.2	-3.2
154	4	7	29	6	4	ON	2458	0.3981	0.03359	2.501	60.03	-5.2	-3.2
						OFF	72	0.3857	0.03254	2.423	58.16	-5.2	-3.3
165	3	1	83	6	4	ON	1686	0.4379	0.03695	2.751	66.03	-4.9	-2.9
						OFF	186	0.4487	0.03786	2.819	67.67	-4.9	-2.2
165	3	4	119	6	4	ON	2057	0.4464	0.03767	2.805	67.32	-4.9	-2.1
						OFF	273	0.4202	0.03546	2.640	63.37	-4.9	-2.4
167	9	2	28	6	4	ON	1797	0.4460	0.03763	2.802	67.25	-4.9	-2.4
						OFF	65	0.4485	0.03784	2.818	67.63	-4.9	-2.3
168	9	0	12	6	4	ON	557	0.2653	0.02239	1.667	40.01	-4.9	-10.7
						OFF	45	0.2700	0.02278	1.697	40.72	-4.9	-10.6
169	9	4	19	6	4	ON	2550	0.3828	0.03230	2.405	57.73	-4.9	-3.5
						OFF	52	0.3733	0.03150	2.346	56.30	-4.9	-3.7
170	9	7	15	6	4	ON	2496	0.3927	0.03314	2.468	59.22	-4.9	-3.2



~~SECRET~~

181	7	2	68	6	4	OFF	48	0.3859	0.03256	2.425	58.19	-4.9	-3.3
						ON	2270	0.4278	0.03609	2.688	64.50	-4.9	-2.4
182	3	2	80	6	4	OFF	161	0.4046	0.03414	2.542	61.81	-4.9	-2.9
						ON	1821	0.4471	0.03773	2.809	67.42	-4.9	-2.2
183	5	2	94	6	4	OFF	181	0.4486	0.03785	2.819	67.65	-4.9	-1.9
						ON	1685	0.4378	0.03694	2.751	66.03	-4.9	-2.9
184	5	0	13	6	4	OFF	213	0.4492	0.03791	2.823	67.74	-4.9	-2.0
						ON	607	0.2710	0.02286	1.702	40.86	-4.9	-20.1
						OFF	45	0.2759	0.02328	1.734	41.60	-4.9	-19.9

RAMP PROFILE

R- 6 A- 4 PERIOD= 3840
R= 0.3594 A= 0.1132

TUR	PER	CPS	ANG-V
0	4.262	2.2462	0.02227
100	4.043	0.2474	0.02237
200	3.987	0.2508	0.02268
300	3.899	0.2565	0.02320
400	3.784	0.2643	0.02390
500	3.650	0.2740	0.02478
600	3.503	0.2855	0.02582
700	3.351	0.2984	0.02699
800	3.198	0.3127	0.02828
900	3.050	0.3279	0.02965
1000	2.909	0.3437	0.03109
1100	2.778	0.3600	0.03256
1200	2.621	0.3815	0.03450
1300	2.487	0.4021	0.03637
1400	2.374	0.4213	0.03810
1500	2.282	0.4381	0.03963
1600	2.212	0.4521	0.04089
1700	2.161	0.4628	0.04185
1800	2.129	0.4696	0.04248
1900	2.115	0.4725	0.04274
2000	2.122	0.4713	0.04263
2100	2.146	0.4660	0.04215
2200	2.189	0.4568	0.04132
2300	2.252	0.4441	0.04017
2400	2.335	0.4283	0.03874
2500	2.439	0.4100	0.03700
2600	2.565	0.3899	0.03526
2700	2.713	0.3687	0.03334
2800	2.856	0.3501	0.03167
2900	2.993	0.3341	0.03022
3000	3.138	0.3187	0.02882
3100	3.289	0.3040	0.02750
3200	3.442	0.2905	0.02627
3300	3.592	0.2784	0.02518
3400	3.732	0.2679	0.02423
3500	3.856	0.2593	0.02346

~~SECRET~~



3600 3.955 0.2528 0.02287
 3700 4.025 0.2485 0.02247
 3800 4.059 0.2464 0.02228

RAMP PROFILE

R= 7 A= 3 PERIOD= 3840

R= 0.3423 A= 0.1308

TUR	PER	CPS	ANG-V
0	4.728	2.2115	0.01913
100	4.698	2.2128	0.01925
200	4.612	0.2168	0.01961
300	4.477	0.2234	0.02020
400	4.303	0.2324	0.02102
500	4.105	2.2436	0.02203
600	3.893	0.2569	0.02323
700	3.678	2.2719	0.02459
800	3.468	0.2883	0.02608
900	3.269	3.3059	0.02766
1000	3.085	2.3242	0.02932
1100	2.915	2.3430	0.03102
1200	2.719	0.3578	0.03327
1300	2.553	2.3917	0.03543
1400	2.417	0.4138	0.03742
1500	2.308	2.4333	0.03919
1600	2.225	2.4494	0.04065
1700	2.166	2.4617	0.04176
1800	2.129	0.4697	0.04248
1900	2.114	2.4730	0.04270
2000	2.121	0.4716	0.04265
2100	2.148	0.4655	0.04210
2200	2.198	0.4549	0.04114
2300	2.272	0.4402	0.03981
2400	2.370	0.4219	0.03816
2500	2.495	2.4008	0.03625
2600	2.649	0.3775	0.03415
2700	2.833	0.3530	0.03193
2800	3.016	0.3316	0.02999
2900	3.194	0.3131	0.02832
3000	3.387	0.2952	0.02670
3100	3.593	0.2783	0.02517
3200	3.807	0.2627	0.02376
3300	4.021	0.2487	0.02249
3400	4.226	2.2366	0.02140
3500	4.411	0.2267	0.02050
3600	4.563	0.2191	0.01982
3700	4.670	0.2141	0.01937
3800	4.723	0.2117	0.01915

CLOCK CORRELATION SUMMARY
 ORDER FIT ONE



SECRET

SYS TIME I/P	CL TIME I/P	COMP SYS TM	DELTA ST	REV	STA
0.37988583D 05	0.111283892D 06	0.379885114D 05	-0.0004	9	
0.77532875D 05	0.150828281D 06	0.775328938D 05	-0.0188	16	
0.32751214D 05	0.192446610D 06	0.327512159D 05	-0.0019	24	
0.77687447D 05	0.237382852D 06	0.776874505D 05	-0.0035	32	
0.38220978D 05	0.284316381D 06	0.382209718D 05	0.0062	41	
0.72300793D 05	0.318396203D 06	0.723007881D 05	0.0049	47	
0.32927218D 05	0.365422641D 06	0.329272184D 05	-0.0004	56	
0.72371385D 05	0.404866809D 06	0.723713798D 05	0.0052	63	
0.32929803D 05	0.451825234D 06	0.329297971D 05	0.0059	72	
0.72399046D 05	0.491294483D 06	0.723990396D 05	0.0064	79	
0.32945499D 05	0.137003600D 04	0.329454968D 05	0.0022	88	
0.72396718D 05	0.408212580D 05	0.723967123D 05	0.0057	95	
0.32922016D 05	0.877465650D 05	0.329220115D 05	0.0045	104	
0.72357187D 05	0.127181740D 06	0.723571800D 05	0.0070	111	
0.32863099D 05	0.174287655D 06	0.328630872D 05	0.0118	120	
0.72278669D 05	0.213503243D 06	0.722786687D 05	0.0003	127	
0.32766310D 05	0.260390891D 06	0.327663090D 05	0.0010	136	
0.72178023D 05	0.299802616D 06	0.721780275D 05	-0.0045	143	
0.32630110D 05	0.346654708D 06	0.326301117D 05	-0.0017	152	
0.72021855D 05	0.386046460D 06	0.720218572D 05	-0.0022	159	
0.32455676D 05	0.432880292D 06	0.324556815D 05	-0.0055	160	
0.71829866D 05	0.472254487D 06	0.718298700D 05	-0.0040	175	
0.32243911D 05	0.519068546D 06	0.322439212D 05	-0.0102	184	

A0=-0.7329536226D 05 A1= 0.999999834740D 00
 SIGMA=0.02655 NO. POINTS= 23
 RATIO OF CLOCK TIME TO SYS TIME= 0.100000016526D 01

SYS TIME I/P	CL TIME I/P	COMP SYS TM	DELTA ST	REV	STA
0.37988583D 05	0.111283892D 06	0.379885000D 05	0.0022	9	
0.77532875D 05	0.150828281D 06	0.775328859D 05	-0.0109	16	
0.32751214D 05	0.192446610D 06	0.327512106D 05	0.0034	24	
0.77687447D 05	0.237382852D 06	0.776874477D 05	-0.0007	32	
0.38220978D 05	0.284316381D 06	0.382209712D 05	0.0068	41	
0.72300793D 05	0.318396203D 06	0.723007890D 05	0.0040	47	
0.32927218D 05	0.365422641D 06	0.329272210D 05	-0.0030	56	
0.72371385D 05	0.404866809D 06	0.723713836D 05	0.0014	63	
0.32929803D 05	0.451825234D 06	0.329298020D 05	0.0010	72	
0.72399046D 05	0.491294483D 06	0.723990451D 05	0.0009	79	
0.32945499D 05	0.137003600D 04	0.329455028D 05	-0.0038	88	
0.72396718D 05	0.408212580D 05	0.723967184D 05	-0.0004	95	
0.32922016D 05	0.877465650D 05	0.329220175D 05	-0.0015	104	
0.72357187D 05	0.127181740D 06	0.723571856D 05	0.0014	111	
0.32863099D 05	0.174287655D 06	0.328630921D 05	0.0069	120	
0.72278669D 05	0.213503243D 06	0.722786727D 05	-0.0037	127	
0.32766310D 05	0.260390891D 06	0.327663116D 05	-0.0016	136	
0.72178023D 05	0.299802616D 06	0.721780287D 05	-0.0057	143	
0.32630110D 05	0.346654708D 06	0.326301110D 05	-0.0010	152	
0.72021855D 05	0.386046460D 06	0.720218546D 05	0.0004	159	
0.32455676D 05	0.432880292D 06	0.324556762D 05	-0.0002	168	

SECRET

UJLI

0.71829866D 05 0.472254487D 06 0.718298623D 05 0.0037 175
0.32243911D 05 0.519068546D 06 0.322439104D 05 0.0006 184
A0=-0.7329538171D 05 A1= 0.999999922776D 00
A2=-0.7567429548257D-13

SIGMA=0.00377 NO. PCINTS= 23

CLOCK OPERATIONS

FWD PAN CAMERA NUMBER 192

OPN NO	FR	H	S	DEC	BINARY EQUIVALENT
71 6 2	75 ON	8 2	30 447846	11810101100011001011001110000	
	OFF	8 5	24 448020	11310101101000011111000100000	
72 8 0	4 ON	9 9	20 451855	11010111011101100001010011000	
	OFF	9 9	43 451878	11010111011110001110001110000	
72 6 0	10 ON	9 12	52 452067	11010111100011111111010111000	
	OFF	9 13	32 452113	110101111001010111001001101000	
72 9 7	22 ON	9 39	27 453662	11011000010100101010100110000	
	OFF	9 43	19 453714	110110000101100100000001010000	
73 9 2	75 ON	11 4	47 458782	11011010110000111010100110000	
	OFF	11 7	44 458959	1101101011011000101000100110000	
73 9 4	50 ON	11 14	9 459344	11011011000010000100010000000	
	OFF	11 16	4 459459	1101101100010110001001101110000	
74 1 7	37 ON	12 45	22 464815	11011101101001000001110011000	
	OFF	12 46	45 464921	11011101101011101001110001000	
79 9 3	13 ON	23 3	19 491394	11101010010100001001111010000	
	OFF	23 3	69 491424	11101010010101000100100000000	
01 8 0	4 ON	23 2	49 501864	11101111010011101011001000000	
	OFF	23 3	13 501880	11101111010100011010000000000	
04 9 3	25 ON	3 34	24 518159	11110111000100111101010011000	
	OFF	3 35	25 518220	11110111000110110100011100000	
04 9 5	26 ON	3 35	25 518261	11110111001000101011100101000	
	OFF	3 37	26 518342	11110111001010100010101110000	
05 6 4	31 ON	5 5	35 523630	11111001101011111010110110000	
	OFF	5 6	47 523702	11111001101110000111011110000	
05 6 7	32 ON	5 9	57 523992	11111001110011111010100100000	
	OFF	5 11	10 523965	11111001110110001001001001000	
06 3 3	24 ON	6 33	59 528934	11111100001101110010001110000	
	OFF	6 34	56 528991	11111100001111100001100011000	
06 3 6	15 ON	6 37	21 529136	11111100010011111100110000000	
	OFF	6 38	3 529178	111111000101010001110110010000	
06 3 8	33 ON	6 39	55 529291	11111100011000101011011111000	
	OFF	6 41	10 529366	11111100011010111101111110000	
07 8 3	56 ON	8 4	15 534348	11111101100110000000011100000	
	OFF	8 6	22 534477	11111101101101111000110010000	
07 8 6	29 ON	8 9	43 534679	11111101111010001101110110000	
	OFF	8 10	49 534745	11111101111110001111101010000	
08 1 1	10 ON	9 32	2745	0000001010011110001010101000	
	OFF	9 32	48 2793	0000001010101001111000101000	
08 1 6	49 ON	9 41	30 3318	0000001100101010000011110000	
	OFF	9 43	24 3420	0000001101000100111010100000	
09 9 2	55 ON	11 5	57 8301	00000011111111110001001001000	

СРОДТ

LUML

89	9	6	36	OFF	11	8	1	8505	00000100000011100011010101000
				ON	11	17	11	9056	00000100010100010111100000000
92	8	7	12	OFF	11	18	42	9147	00000100010111001001001111000
				CN	15	51	41	25526	00001100001010111111011110000
94	4	2	28	OFF	15	52	16	25561	00001100001100000011110101000
				ON	18	43	34	35839	00010001000101101110000011000
95	4	1	44	OFF	18	44	39	35904	00010001000111101101000000000
				ON	20	8	24	40929	000100011100001000011011101000
99	9	1	14	OFF	20	10	4	41029	000100111001000000110110001000
				ON	2	2	30	62174	00011011010010110011001100000
100	9	3	72	OFF	2	3	3	62207	0001101101010011010000011000
				ON	3	34	3	67667	00100000010001000010000111000
101	9	2	55	OFF	3	36	46	67830	00100000010110000000011110000
				ON	5	4	34	73099	0010001011011010011011111000
101	9	4	57	OFF	5	6	41	73226	00100010111010101011100010000
				ON	5	3	48	73353	00100010111110100011100101000
102	8	2	125	OFF	5	13	55	73400	00100011000010011011101000000
				ON	6	33	15	76420	00100101011001001100000100000
102	8	6	84	OFF	6	37	58	78703	00100101100001110100110011000
				ON	6	39	34	78798	00100101100100101110010110000
103	3	6	21	OFF	6	42	42	78986	00100101101010011101100010000
				ON	8	5	37	83961	00101000000010010010010101000
103	3	7	23	OFF	8	5	25	84009	00101000000011110000000101000
				ON	8	7	13	84057	00101000000101001101110101000
104	6	2	64	OFF	8	3	6	84110	00101000000110110101010110000
				ON	9	32	27	89172	00101010100001010100000100000
105	9	4	39	OFF	9	34	53	89318	00101010100101110001001110000
				ON	11	13	42	95246	00101101011010101011010110000
106	8	1	22	OFF	11	15	11	95335	00101101011101011001001011000
				ON	12	30	26	100330	00101111110101110101000010000
106	8	6	72	OFF	12	39	15	100379	00101111110111010100101111000
				ON	12	43	21	100625	0010111111110110101001101000
109	4	3	10	OFF	12	46	0	100792	00110000000011111011011000000
				ON	17	21	32	117314	00110111111100001000111010000
116	3	2	20	OFF	17	22	11	117355	00110111111101011000111111000
				ON	3	35	31	154156	01001001100000011101111100000
117	3	2	149	OFF	3	36	35	154220	01001001100010011010111100000
				ON	5	6	45	159629	01001100000111011111011001000
118	6	4	27	OFF	5	12	20	159064	01001100010001101101101100000
				ON	6	33	57	164062	01001110100111001100000110000
118	6	0	28	OFF	6	35	1	164926	01001110101001001001000110000
				ON	6	36	5	164990	01001110101011000110000110000
118	6	8	29	OFF	6	37	0	165053	01001110101101000001001001000
				ON	6	38	40	165153	010011101100000000100011101000
119	9	2	31	OFF	6	39	55	165220	01001110110010000111010100000
				ON	8	1	37	172122	01010001000111101101100010000
120	4	1	59	OFF	8	4	41	170306	01010001001101010100111010000
				ON	9	30	46	175471	01010011101010111100110011000
120	4	2	37	OFF	9	33	2	175607	01010011101111000110011011000
				ON	9	36	50	175837	01010011110110000111101001000
				OFF	9	38	15	175019	01010011111000100111110011000

SECRET

121	9	5	41	ON	11	12	47	181591	0101011010010110110111011000
				OFF	11	14	24	181688	0101011010000101011011000000
122	4	6	45	ON	12	43	25	187829	01011001001011101011000001000
				OFF	12	45	13	187137	0101100100111011110111101000
125	1	4	57	ON	17	23	38	203843	01100001001100110010110111000
				OFF	17	26	45	204030	011000010100101000000000110000
127	1	2	15	ON	20	6	48	213632	011001011101111000100000000000
				OFF	20	7	25	213669	01100101111000101010010001000
130	3	1	28	ON	0	29	40	229404	01101010110001101101011000000
				OFF	0	30	42	229466	011010101101010101111110010000
132	8	2	38	ON	3	30	41	240265	011100101001000100011100101000
				OFF	3	32	13	240357	01110010100111000111010001000
134	3	3	25	ON	6	31	52	251136	011101111100000000100000000000
				OFF	6	32	50	251194	01110111110001110101010010000
134	3	7	58	ON	6	36	10	251394	0111011111011111011111010000
				OFF	6	38	22	251526	01110111111011111101101110000
136	6	2	15	ON	9	29	35	261799	01111100110101011110001011000
				OFF	9	30	10	261834	01111100110110100010100010000
137	2	3	16	ON	11	8	17	267721	0111111101010001100100101000
				OFF	11	8	55	267759	0111111101011010110110011000
137	2	7	24	ON	11	19	53	268417	011111111111101011111101000
				OFF	11	21	6	268490	10000000000001101010100010000
138	8	7	24	ON	12	41	32	273316	10000010010100111100010100000
				OFF	12	42	32	273376	10000010010110110001100000000
141	8	6	42	ON	17	22	53	290198	10001010011000001000111110000
				OFF	17	25	19	290344	10001010011100100110001000000
143	6	0	15	ON	20	4	4	299868	10001110111111001111101100000
				OFF	20	4	41	299905	1000111100000001011111101000
149	6	3	132	ON	5	3	32	332236	10011110011011000010011100000
				OFF	5	8	31	332535	10011110100100001010011011000
150	5	4	41	ON	6	28	10	337314	10100000110110000000011010000
				OFF	6	29	43	337407	1010000011000110110000011000
151	8	3	55	ON	7	59	1	342765	10100011011100010110111001000
				OFF	8	1	7	342891	10100011100000001100111111000
152	6	2	16	ON	9	27	25	348069	10100101111110001110010001000
				OFF	9	29	3	348107	10100101111111011000011111000
154	4	7	28	ON	12	39	57	359621	10101011011110110000110001000
				OFF	12	41	9	359693	10101011100000111101011001000
165	3	1	83	ON	4	54	31	418095	11000111010111001111110011000
				OFF	4	57	37	418281	11000111011100111011000101000
165	3	4	119	ON	5	0	42	418466	11000111100010100100011010000
				OFF	5	5	15	418739	1100011110101011001100111000
167	9	2	28	ON	7	55	51	420975	1100100100011010001110011000
				OFF	7	56	56	420900	1100100100101010000110000000
168	9	0	12	ON	9	4	56	433120	1100110100001110001100000000
				OFF	9	5	41	433165	1100110100011001001011001000
169	9	4	19	ON	11	7	54	440498	11010010000010111011101010000
				OFF	11	8	46	440550	1101001000010010000101110000
170	9	7	15	ON	12	36	46	445830	110100100100101101001101110000
				OFF	12	37	26	445870	11010010010011011011110110000
181	7	2	60	ON	4	59	59	504823	1111000010110111111001011000

SECRET

SECRET

182 5 2	87	OFF	5	2	40	584984	11110000110010111000111000000
		ON	6	22	12	589756	111100110001000100001001100000
183 5 2	94	OFF	6	25	13	589937	111100110010100000010101101000
		ON	7	49	48	515004	11110101100100101011001100000
184 5 0	12	OFF	7	53	13	515217	11110101101011001011001101000
		ON	9	1	23	519308	11110111101000000001011100000
		OFF	9	2	8	519353	11110111101001011001010101000

CLOCK OPERATIONS

AFT PAN CAMERA NUMBER 193

OPN NO	FR		H	M	S	DEC	BINARY EQUIVALENT
71 6 2	75	ON	8	2	42	447858	11010101100011100010101010000
		OFF	8	5	36	448032	11010101101000110110100000000
72 8 8	4	ON	9	9	32	451867	11010111011101111000101111000
		OFF	9	9	55	451890	110101110111101000101101010000
72 6 8	10	ON	9	13	4	452079	11010111100100010110110011000
		OFF	9	13	50	452125	11010111100101110000101001000
72 9 7	22	ON	9	39	39	453674	11011000010101000010000010000
		OFF	9	43	31	453726	11011000010110100111100110000
73 9 2	78	ON	11	4	59	458794	11011010110001010010000010000
		OFF	11	7	56	458971	11011010110110101011101111000
73 9 4	50	ON	11	14	21	459356	11011011000010011011101100000
		OFF	11	16	16	459471	11011011000101111100010011000
74 1 7	37	ON	12	45	32	464828	11011101101001011011001100000
		OFF	12	46	58	464914	11011101101100000011001010000
79 9 3	12	ON	26	8	31	491406	11101010010100100001010110000
		OFF	26	9	1	491436	11101010010101011011111100000
81 8 8	4	ON	23	3	1	581876	11101111010100000010100100000
		OFF	23	3	25	581900	11101111010100010001011100000
84 9 3	26	ON	3	34	36	518172	11110111000101010110101100000
		OFF	3	35	37	518233	11110111000111001101110101000
84 9 5	26	ON	3	36	37	518293	11110111001001000011000001000
		OFF	3	37	38	518354	11110111001010111010001010000
85 6 4	31	ON	5	5	47	523642	11111001101100010010010010000
		OFF	5	6	59	523714	11111001101110011110111010000
85 6 7	32	ON	5	10	9	523905	11111001110100010011111101000
		OFF	5	11	22	523978	11111001110110100010100010000
86 3 3	24	ON	6	34	11	528946	11111100001110001001101010000
		OFF	6	35	8	529003	11111100001111110001111110000
86 3 6	18	ON	6	37	33	529149	11111100010100010110001001000
		OFF	6	38	15	529191	11111100010101101000001011000
86 3 8	33	ON	6	42	7	529303	11111100011001000010110110000
		OFF	6	41	22	529378	11111100011011010101010100000
87 8 3	56	ON	8	4	25	534361	11111101100110110011101010000
		OFF	8	6	34	534490	11111101110111010101110010000
87 8 6	29	ON	8	9	55	534691	11111101111010111100101110000
		OFF	8	11	1	534757	11111101111110111110100010000
88 1 1	19	ON	9	32	12	2757	00000001010100001000110001000
		OFF	9	33	2	2825	00000001010101100110100001000
89 1 6	49	ON	9	41	46	3331	00000001100101101001110111000

SECRET

SECRET

89 9 2 55	OFF 9 43 36	3441	00000001101001000000101101000
	ON 11 6 9	8394	00000100000000000001010100010000
	OFF 11 8 13	8518	000001000000011111100101110000
89 9 6 36	ON 11 17 23	9268	00000100010100101110111100000
	OFF 11 18 54	9159	00000100010111100000101011000
92 8 7 12	ON 15 51 53	25538	00001100001011010110111010000
	OFF 15 52 28	25573	00001100001100011011010001000
94 4 2 28	ON 18 43 46	35851	00010001000110000101011111000
	OFF 18 44 51	35916	00010001001000000100011100000
95 4 1 44	ON 20 8 36	48941	00010011100001011010111001000
	OFF 20 10 16	41041	00010011100100011110001101000
99 9 1 14	ON 2 2 42	62187	00011101101001110001011111000
	OFF 2 3 15	62220	00011101101010110011011100000
100 9 3 71	ON 3 34 15	67679	001000000100010110011000011000
	OFF 3 36 58	67842	00100000010110010111111010000
101 9 2 55	ON 5 4 46	73111	00100010110111001010111011000
	OFF 5 6 53	73238	00100010111011000010111110000
101 9 4 57	ON 5 9 2	73365	00100010111110111011000001000
	OFF 5 11 7	73492	00100011000010110011000100000
102 8 2 124	ON 6 33 27	78432	00100101011001100011100000000
	OFF 6 30 10	78715	00100101100010001100001111000
102 8 6 84	ON 6 39 45	78810	00100101100101000101110010000
	OFF 6 42 54	78998	00100101101010110100111110000
103 3 6 20	ON 8 5 49	83973	00101000000010101001110001000
	OFF 8 6 37	84521	00101000000100000111100001000
103 3 7 22	ON 8 7 25	84869	00101000000101100101010001000
	OFF 8 3 15	84122	00101000000111001100110010000
104 6 2 64	ON 9 32 39	89184	00101010100001101011100000000
	OFF 9 35 5	89338	00101010100110001000101010000
105 9 4 38	ON 11 13 54	95259	00101101011011000100101111000
	OFF 11 15 23	95348	00101101011101110010100100000
106 8 1 22	ON 12 30 30	102342	00101111110110001100011110000
	OFF 12 30 27	100391	00101111110111101100001011000
106 8 6 71	ON 12 43 33	108537	00101111111111001100101001000
	OFF 12 46 25	100804	00110000000100010010110100000
109 4 3 13	ON 17 21 42	117327	00110111111100100010010011000
	OFF 17 22 23	117368	00110111111101110010011000000
106 3 2 27	ON 3 35 43	154168	01001001100000110101011000000
	OFF 3 36 47	154232	01001001100010110010011000000
107 3 2 149	ON 5 6 57	159542	01021100000111111000110010000
	OFF 5 12 32	159977	01001100010010000111000101000
110 6 4 27	ON 6 34 9	164974	01001110100111100011100010000
	OFF 6 35 13	164936	01001110101001100000100010000
110 6 6 27	ON 6 35 17	165022	01001110101011011101100010000
	OFF 6 37 2	165065	01001110101010110001001010000
110 6 3 29	ON 6 39	165165	01001110110000011011111001000
	OFF 6 43 7	165232	01001110110010011110110000000
109 9 2 21	ON 8 1 49	173134	01010001001000000100111110000
	OFF 8 4 53	170318	01010001001101101100010110000
102 4 1 50	ON 9 31 50	175483	01010011101011010100001111000
	OFF 9 33 14	175619	01010011101111011101110111000

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118	4	2	37	ON	9	37	5	175958	01010011110110100001000010000
				OFF	9	38	27	175932	01010011111001000001001100000
121	9	5	41	ON	11	12	59	181603	010101101001100000101010111000
				OFF	11	14	36	181700	010101101010010000010110100000
122	4	6	45	ON	12	43	37	187241	01011001001100000010011101000
				OFF	12	45	25	187149	01011001001111010101011001000
125	1	4	56	ON	17	23	52	293855	01100001001101001010010011000
				OFF	17	26	57	294042	01100001010010110111100010000
127	1	2	15	ON	20	7	8	213644	01100101110111111001011100000
				OFF	20	7	37	213681	01100101111001000001101101000
130	3	1	26	ON	2	29	52	229417	011011010110010100000000101000
				OFF	2	30	54	229479	01101101011011001001001011000
132	8	2	42	ON	3	32	53	240277	011100101001001010111000001000
				OFF	3	32	25	240369	0111001010011101111010101000
134	3	3	25	ON	6	32	4	251149	01110111110000011101011001000
				OFF	6	33	2	251207	01110111110010001110101011000
134	3	7	58	ON	6	36	22	251406	01110111111000010011010110000
				OFF	6	32	34	251538	01110111111100010101001010000
136	6	2	15	ON	9	29	47	261812	01111100110101110111100100000
				OFF	9	30	22	261847	01111100110110111011111011000
137	2	3	16	ON	11	8	29	267733	011111111010101001000000001000
				OFF	11	9	7	267771	01111111101011101110001111000
137	2	7	23	ON	11	21	5	268429	011111111111111110011011001000
				OFF	11	21	18	268502	100000000000010000001111110000
138	4	7	24	ON	10	41	4	273320	100000100101010101011110000000
				OFF	12	42	4	273383	10000010010111001000111100000
141	2	6	42	ON	17	23	5	290217	10001010011000100000011010000
				OFF	17	25	32	290256	10001010011100111101100100000
143	6	2	15	ON	20	4	16	299880	100011101111111100111001000000
				OFF	20	4	53	299917	100011110000000101111011001000
149	6	3	132	ON	5	3	44	332243	10011110011011011001111000000
				OFF	5	2	45	332547	10011110100100100001110111000
150	5	4	43	ON	6	20	22	337326	10100000110110010111110110000
				OFF	6	22	55	337419	1010000011001001101011111000
151	8	3	55	ON	7	59	13	342770	101000110111001100000010010000
				OFF	8	1	19	342904	10100011100000100110011000000
152	6	2	16	ON	9	27	37	346002	10100101111110100111101010000
				OFF	9	28	15	346120	10100101111111110001111000000
154	4	7	29	ON	12	42	9	359634	10101011011111001010001010000
				OFF	12	41	21	359706	10101011100001010110110010000
155	3	1	53	ON	4	50	43	418107	11000111010111100111001111000
				OFF	4	57	49	418293	11000111011101010010100001000
155	3	4	119	ON	3	4	54	419478	11000111100010111011110110000
				OFF	5	5	27	419751	11000111101011010001000011000
157	9	2	20	ON	7	56	3	428087	11001100100011101001001111000
				OFF	7	57	1	429052	11001100100101101000001000000
158	9	2	12	ON	9	5	6	433132	11001110100010001000111100000
				OFF	9	2	53	433177	11001110100011100000110101000
159	9	4	10	ON	11	6	6	440510	11010010000011010011000110000
				OFF	11	2	50	440562	11010010000100111000101010000
173	9	7	15	ON	12	36	50	445542	11010100100110000001001010000

			OFF	12	37	38	445882	11010100100111001111010010000
181	7	2	68	ON	5	8	11 504835	11110000101110010101110111000
				OFF	5	2	52 504996	11110000110011010000010100000
182	3	2	82	ON	6	22	24 509768	111100110001001111000101000000
				OFF	6	25	25 509949	11110011001010011010001001000
183	5	2	94	ON	7	49	52 515016	11110101100101000010101000000
				OFF	7	53	25 515229	11110101101011100010101001000
184	5	2	13	ON	9	1	35 519320	11110111101000011000111000000
				OFF	9	2	20 519365	11110111101001110000110001000

NOTE - THE LAST FIVE FRAMES FOR THE FWD PAN CAMERA AND THE LAST SIX FRAMES FOR THE AFT PAN CAMERA OF OPERATION 71-6-2 ARE IN THE B MISSION RECOVERY BUCKET.

NOTE - OPERATION 72-8-8 WAS THE CUT AND WRAP OPERATION OCCURRING AT THE A TO B TRANSFER.

NOTE - OPERATION 81-8-2 WAS THE LENS STOWING OPERATION OCCURRING AT THE TIME OF THE A MISSION RECOVERY.

NOTE - TLM DATA OBSERVED DURING OPERATION 184-5-8 SHOWED THAT ALL OF THE FILM WAS DEPLETED FOR BOTH PAN CAMERAS PRIOR TO THIS OPERATION.

NOTE - TLM DATA INDICATE NORMAL SYSTEM PERFORMANCE FOR THE ENTIRE MISSION.