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ACTION!!

CORONA "J"  
FLIGHT DATA  
BOOK  
1034-2

Declassified and Released by the NRC

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-31

VEHICLE NO. 1626

MISSION NO. 1834-2

CAMERA NOS. 186/187

DATE 7-01-66

PAGE 1

~~SECRET~~

~~SECRET~~

SYSTEM NO. J-31  
VEHICLE NO. 1626  
MISSION NO. 1834-2  
CAMERA NOS. 186/187

TABLE OF CONTENTS

PAGE NO.

GENERAL FLIGHT DATA

3

CYCLE PERIOD DATA

4

PERFORMANCE ESTIMATE

5- UP

PAGE 2

~~SECRET~~

~~SECRET~~

SYSTEM NO. J-31  
VEHICLE NO. 1626  
MISSION NO. 1034-2  
CAMERA NOS. 186/187

GENERAL FLIGHT DATA

MASTER CAMERA SERIAL NO. 186

SLAVE CAMERA SERIAL NO. 187

S/Y -1 SERIAL NO. D85/189/76

S/Y -2 SERIAL NO. D87/187/185

LAUNCH DATE 6-21-66

REACTIVATION DATE N/A

REACTIVATION ORBIT N/A

ORBITAL PARAMETERS (REV. 136)

PERIOD 90.828 MIN

ECCENTRICITY 0.81278

PERIGEE 176.591 NM

PERIGEE LAT. 38.178

APOGEE 186.412 NM

INCL. ANGLE 88.184

RECOVERY ORBIT NO. 161

RECOVERY DATE 7-31-66

PAGE 3

~~SECRET~~

~~SECRET~~

SYSTEM NO. J-31  
VEHICLE NO. 1626  
MISSION NO. 1034-2  
CAMERA NOS. 186/187

CYCLE PERIOD DATA

V/F	RAMP SETTINGS		TIME UP RAMP-SEC	---CALIBRATED---		---IN-FLIGHT---		ORE NO.
	LEVEL	AMPLITUDE		CYCLE PERIOD-SEC		CYCLE PERIOD-SEC		
				MASTER	SLAVE	MASTER	SLAVE	
3		11	2740	2.434	2.434	2.451	2.430	95
3		11	2740	2.434	2.434	2.465	2.453	111
2		11	2740	2.347	2.347	2.380	2.380	127
2		11	2740	2.347	2.347	2.390	2.370	143
2		11	2740	2.347	2.347	2.369	2.367	155

NOTE

AN \* OR -3 INDICATES NO DATA AVAILABLE.

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A. 1034-2

B. DRY

C. PERFORMANCE ESTIMATE PART ONE

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OPERATIONS SUMMARY

FWD PAN CAMERA NUMBER 186

OPN NO	FRA	Q	LAT	LONG	HEIGHT	RANGE	DA	H	M	S	LTIM	S-TIM
80	2 1	11 ON	3 23 18	128 28W	743032	770227	1	22	0	57	1327	79257
		OFF	3 25 28	128 1W	753041	780616	1	22	1	29	1329	79289
81	2 2	3 ON	2 61 2	168 24W	730601	757327	1	23	9	57	1156	83397
		OFF	2 59 33	167 23W	724884	751393	1	23	10	21	12 0	83421
82	5 1	14 ON	2 76 26	142 6E	801330	830745	2	0	35	36	10 4	2136
		OFF	2 74 12	157 9E	788512	817439	2	0	36	21	1036	2181
82	5 2	39 ON	2 69 53	159 26E	767143	795256	2	0	37	38	1115	2258
		OFF	2 61 58	160 14E	733328	760157	2	0	39	48	1152	2388
84	5 1	53 ON	2 51 27	128 40E	694551	719913	2	3	42	42	1217	13362
		OFF	2 41 57	131 41E	668627	693010	2	3	45	6	1231	13506
85	6 1	32 ON	2 26 18	112 5E	644085	667545	2	5	19	6	1247	19146
		OFF	2 21 2	112 53E	641812	665186	2	5	20	24	1251	19224
85	6 2	14 ON	2 7 27	114 34E	650553	674256	2	5	23	47	13 2	19427
		OFF	2 5 3	114 51E	654313	678157	2	5	24	23	13 3	19463
87	4 1	52 ON	2 50 31	56 34E	719586	745895	2	8	10	53	1157	29453
		OFF	2 45 7	52 40E	674621	699231	2	8	14	34	1225	29674
88	2 2	16 ON	1 30 45	115 40E	1041627	1080309	2	9	21	10	137	33670
		OFF	1 41 43	115 6E	1030383	1068626	2	9	21	56	141	33716
88	2 1	21 ON	2 70 27	22 26E	763574	791551	2	9	38	1	11 7	34681
		OFF	2 67 5	27 16E	748638	776048	2	9	38	58	1128	34738
86	2 2	19 ON	2 57 51	34 54E	712796	738048	2	9	41	24	12 1	34804
		OFF	2 54 31	36 38E	701429	727030	2	9	42	16	12 8	34936
88	2 3	13 ON	2 40 22	33 45E	685538	710559	2	9	43	35	1218	35015
		OFF	2 40 57	39 34E	678790	703557	2	9	44	12	1222	35052
88	2 4	73 ON	2 10 25	45 20E	642350	665745	2	9	51	49	1253	35509
		OFF	2 3 3	47 3E	658690	682707	2	9	55	8	13 3	35700
90	3 1	54 ON	2 20 16	1 44E	645376	668884	2	12	48	47	1241	46127
		OFF	2 20 32	0 25E	641303	664659	2	12	50	57	1249	46257
91	8 1	37 ON	2 70 20	73 12W	804396	833928	2	14	5	36	912	50736
		OFF	2 73 10	51 8W	773621	801981	2	14	7	27	1042	50847
91	5 2	12 ON	2 67 21	41 4E	747139	774493	2	14	9	7	1124	50947
		OFF	2 60 1	30 37W	737480	764467	2	14	9	45	1135	50985
92	9 1	42 ON	3 4 24	42 40E	678675	703437	2	15	57	18	13 6	57438
		OFF	3 11 47	41 56E	702936	728613	2	15	59	8	1311	57548
95	2 1	19 ON	2 37 11	116 36E	655357	679241	2	20	17	12	1230	73032
		OFF	2 33 50	115 55E	650392	674089	2	20	18	2	1234	73082
97	4 1	22 ON	2 67 25	177 11E	742934	770128	2	23	9	34	1120	63374
		OFF	2 60 31	170 9E	727539	754149	2	23	10	37	1137	63437
98	5 1	35 ON	2 60 27	162 20E	734233	761096	3	0	40	10	1129	2410
		OFF	2 59 4	167 27E	710720	736694	3	0	41	51	1151	2511
100	5 1	62 ON	2 53 3	125 14E	690235	715434	3	3	43	33	12 4	13413
		OFF	2 41 34	129 1E	661685	686015	3	3	46	27	1222	13587
101	7 1	51 ON	3 19 14	114 56E	739115	766161	3	5	31	38	1311	19898

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		OFF	3	28	54	116	22E	785863	814686	3	5	34	3	1319	28843			
182	5	1	16	ON	2	74	35	55	29E	778918	799167	3	6	37	49	1819	23869	
		OFF	2	72	18	61	27E	759815	787658	3	6	38	32	1844	23912			
182	5	2	65	ON	2	36	23	84	26E	655523	679413	3	6	47	23	1225	24443	
		OFF	2	27	6	86	32E	643468	666896	3	6	58	12	1236	24612			
183	4	1	72	ON	2	45	55	59	29E	672374	696899	3	8	15	19	1213	29719	
		OFF	2	34	59	62	28E	650326	674821	3	8	18	19	1228	29899			
184	8	1	26	ON	2	37	15	39	28E	653249	677854	3	9	47	48	1225	35268	
		OFF	2	32	56	48	12E	647745	671343	3	9	48	53	1229	35333			
184	8	2	45	ON	2	18	23	43	27E	651359	675892	3	9	54	29	1248	35669	
		OFF	2	3	4	44	17E	664829	689869	3	9	56	18	1253	35778			
185	5	1	11	ON	2	32	51	17	33E	647585	671894	3	11	18	58	1229	48738	
		OFF	2	38	58	17	53E	645747	669278	3	11	19	26	1231	48766			
185	5	2	58	ON	2	23	27	19	5E	642463	665862	3	11	21	18	1237	48878	
		OFF	2	14	7	28	28E	647836	678687	3	11	23	37	1244	41817			
187	5	1	28	ON	2	75	33	61	7W	771248	799518	3	14	7	48	18	5	58868
		OFF	2	72	19	51	55W	755454	783123	3	14	8	58	1841	58938			
188	5	1	56	ON	3	2	13	45	46W	688312	785135	3	15	57	58	1254	57478	
		OFF	3	14	44	44	48W	788691	734585	3	15	59	57	13	8	57597		
189	4	1	23	ON	2	11	37	78	1W	651167	674892	3	17	24	28	1244	62668	
		OFF	2	8	8	69	37W	656689	688539	3	17	25	28	1246	62728			
189	4	2	24	ON	3	15	33	66	53W	728576	755223	3	17	31	12	13	3	63872
		OFF	3	19	44	66	28W	747839	774386	3	17	32	15	13	6	63135		
111	4	1	13	ON	2	37	53	119	28W	652968	676763	3	28	18	2	1228	73882	
		OFF	2	35	29	118	57W	649854	673531	3	28	18	38	1222	73118			
114	7	1	35	ON	2	68	23	156	18E	733416	768248	4	8	48	19	11	5	2419
		OFF	2	62	1	162	42E	718355	736314	4	8	42	2	1132	2522			
115	7	2	18	ON	3	5	52	156	4E	698913	724437	4	2	29	21	1253	8961	
		OFF	3	18	21	156	28E	711555	737557	4	2	38	13	1256	9813			
115	7	1	13	ON	2	52	54	122	36E	681676	786552	4	3	44	29	1154	13469	
		OFF	2	58	33	123	33E	675788	788359	4	3	45	5	1159	13585			
116	7	2	23	ON	3	1	26	132	47E	681951	786846	4	3	58	3	1249	14283	
		OFF	3	5	56	133	17E	695841	721258	4	3	59	9	1252	14349			
116	7	3	21	ON	3	14	47	133	51E	713758	739844	4	4	8	22	1255	14422	
		OFF	3	14	49	134	21E	732148	756846	4	4	1	22	1258	14482			
117	5	1	53	ON	2	43	28	123	18E	668137	684282	4	5	16	56	12	9	19816
		OFF	2	34	8	185	18E	647278	678858	4	5	19	16	1228	19156			
117	5	2	55	ON	2	25	38	186	37E	643186	666612	4	5	21	18	1227	19278	
		OFF	2	17	11	187	56E	646616	678178	4	5	23	28	1235	19488			
118	5	1	18	ON	2	74	31	53	3E	755853	783537	4	6	38	42	1818	23922	
		OFF	2	78	16	58	52E	745698	772988	4	6	39	24	1834	23964			
118	6	2	57	ON	2	41	47	81	56E	656839	688779	4	6	47	24	1211	24444	
		OFF	2	32	58	82	51E	646858	669592	4	6	49	36	1221	24576			
119	4	1	154	ON	2	69	31	41	12E	733465	768299	4	8	18	14	1855	29414	
		OFF	2	43	5	57	56E	658656	682665	4	8	17	7	12	8	29827		
127	9	1	14	ON	2	43	23	34	37E	662457	686689	4	9	46	34	12	5	35194
		OFF	2	43	2	35	17E	658186	682177	4	9	47	9	12	8	35229		
127	9	2	19	ON	2	11	28	48	39E	654884	677928	4	9	55	1	1237	35781	
		OFF	2	8	4	41	3E	668877	684138	4	9	55	52	1248	35752			
127	9	3	28	ON	2	5	38	41	21E	665434	689697	4	9	56	38	1241	35798	
		OFF	2	2	1	41	44E	673911	698492	4	9	57	22	1244	35842			

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121	7	1	65	ON	2	14	25	17	38E	658869	673754	4	11	24	19	1234	41859	
				OFF	2	3	5	18	57E	671523	696814	4	11	27	8	1243	41228	
121	7	2	29	ON	3	13	43	28	53E	728458	755892	4	11	31	19	1254	41479	
				OFF	3	18	51	21	32E	751139	778641	4	11	32	36	1258	41556	
122	3	1	88	ON	2	25	27	6	31W	642824	666237	4	12	51	37	1225	46297	
				OFF	2	12	35	4	47W	652776	676562	4	12	54	49	1235	46489	
124	7	1	46	ON	3	15	14	46	54W	737888	763966	4	16	1	47	1254	57787	
				OFF	3	23	53	45	44W	777775	886298	4	16	3	57	13	1	57837
125	2	1	16	ON	2	11	2	72	35W	656458	688374	4	17	25	18	1234	62718	
				OFF	2	8	7	72	15W	661889	686818	4	17	26	1	1236	62761	
125	2	2	32	ON	3	15	5	69	35W	737896	764866	4	17	31	48	1253	63188	
				OFF	3	22	47	68	58W	763218	791179	4	17	33	13	1257	63193	
127	4	2	15	ON	2	33	49	121	15W	646897	669633	4	28	19	42	1214	73182	
				OFF	2	31	19	125	48W	644639	668128	4	28	28	19	1217	73219	
132	2	1	35	ON	2	67	57	154	8E	719751	746866	5	8	41	2	1857	2462	
				OFF	2	62	5	162	3E	768293	725872	5	8	42	37	1122	2557	
133	2	1	14	ON	2	41	54	108	59E	653681	677428	5	5	17	58	12	1	19878
				OFF	2	39	31	101	34E	658622	674328	5	5	18	26	12	4	19186
133	2	2	57	ON	2	26	22	184	3E	644854	667513	5	5	21	43	1217	19383	
				OFF	2	17	6	185	22E	658234	673925	5	5	24	1	1225	19441	
134	4	1	15	ON	2	74	35	58	16E	742481	769574	5	6	39	11	18	8	23951
				OFF	2	72	21	56	6E	732944	759759	5	6	39	53	1824	23993	
134	4	2	43	ON	2	65	33	66	17E	788458	734337	5	6	41	47	11	6	24187
				OFF	2	58	11	72	2E	686499	711557	5	6	43	44	1131	24224	
134	4	3	13	ON	2	52	1	75	3E	671396	695885	5	6	45	18	1145	24318	
				OFF	2	49	35	76	8E	666227	698521	5	6	45	55	1149	24355	
135	7	1	47	ON	2	42	22	55	33E	653623	677442	5	8	17	46	12	8	29866
				OFF	2	34	29	57	19E	645881	669326	5	8	19	44	12	9	29984
136	9	1	48	ON	2	51	27	29	58E	669287	693613	5	9	45	29	1145	35129	
				OFF	2	43	38	32	33E	655156	679833	5	9	47	28	1157	35248	
136	9	2	35	ON	2	36	51	34	11E	647362	678946	5	9	49	18	12	5	35358
				OFF	2	31	1	35	18E	644193	667658	5	9	58	37	1211	35437	
136	9	3	52	ON	2	6	38	39	42E	669895	694325	5	9	56	42	1231	35882	
				OFF	3	1	47	39	36E	693218	718519	5	9	58	46	1237	35926	
137	8	1	23	ON	2	4	36	15	47E	686222	711267	5	11	28	18	1234	41298	
				OFF	3	3	58	17	18E	788523	726212	5	11	29	16	1237	41356	
137	8	2	52	ON	3	16	9	18	37E	758278	777748	5	11	32	28	1246	41548	
				OFF	3	25	58	19	57E	798874	827362	5	11	34	46	1254	41686	
137	8	3	23	ON	3	31	6	27	49E	826555	856931	5	11	36	5	1259	41765	
				OFF	3	34	51	21	31E	847768	878947	5	11	37	2	13	3	41822
140	4	1	59	ON	2	4	35	51	17W	687723	712825	5	15	58	13	1233	57493	
				OFF	3	9	46	58	6W	724726	751286	5	16	2	48	1248	57648	
141	6	1	53	ON	3	9	18	72	49W	723424	749875	5	17	38	41	1239	63841	
				OFF	3	15	53	71	38W	765988	794846	5	17	33	5	1246	63185	
143	7	4	14	ON	2	33	38	123	45W	644887	668294	5	28	28	3	12	5	73283
				OFF	2	31	14	123	18W	644165	667629	5	28	28	39	12	7	73239
144	1	2	11	ON	3	21	36	139	14W	781512	818169	5	22	3	47	1246	79427	
				OFF	3	23	51	136	55W	793855	822151	5	22	4	21	1248	79461	
145	2	1	58	ON	2	63	27	156	24E	694284	719636	6	8	42	29	11	8	2549
				OFF	2	55	2	161	51E	672835	697378	6	8	44	48	1132	2688	
149	6	1	18	ON	2	74	27	78	57E	729497	756181	6	5	9	22	952	18562	



		OFF	2	71	44	77	32E	719816	745383	6	5	18	12	1828	18612		
149	6	2	38	ON	2	58	17	95	54E	662254	686398	6	5	15	53	1139	18953
		OFF	2	44	59	97	39E	653972	677885	6	5	17	13	1147	19833		
149	6	3	12	ON	2	41	42	98	32E	658867	673752	6	5	18	2	1152	19882
		OFF	2	39	26	99	5E	647948	671545	6	5	18	36	1154	19116		
150	4	1	16	ON	2	74	38	47	36E	729495	756188	6	6	39	19	949	23959
		OFF	2	72	24	53	29E	728743	747896	6	6	48	8	1813	24888		
150	4	2	14	ON	2	51	31	72	46E	664188	688485	6	6	45	34	1136	24334
		OFF	2	49	8	73	48E	659964	684822	6	6	46	18	1148	24378		
150	4	3	77	ON	2	46	29	74	32E	655836	679739	6	6	46	58	1145	24418
		OFF	2	33	3	77	46E	644572	668858	6	6	58	12	12	1	24612	
151	8	1	14	ON	2	78	29	34	34E	713185	739252	6	8	18	33	1828	29433
		OFF	2	68	12	38	1E	785644	731425	6	8	11	11	1843	29471		
151	8	2	34	ON	2	52	23	49	46E	665484	689758	6	8	15	28	1134	29728
		OFF	2	46	31	51	52E	655653	679549	6	8	16	49	1144	29889		
152	8	1	184	ON	2	65	26	22	48E	682974	787899	6	9	43	16	1114	34996
		OFF	2	43	33	38	5E	651615	675358	6	9	47	34	1147	35254		
153	8	1	52	ON	3	25	16	17	24E	887359	837881	6	11	34	41	1244	41681
		OFF	3	35	59	19	16E	867259	899194	6	11	37	23	1254	41843		
156	7	1	62	ON	2	8	4	53	41W	697718	723198	6	15	58	28	1223	57588
		OFF	3	16	54	52	26W	739778	766849	6	16	1	4	1231	57664		
159	7	1	26	ON	2	76	27	146	35W	787591	733446	6	28	18	29	1824	72629
		OFF	2	66	8	148	48W	694485	719762	6	28	11	41	1848	72781		
159	7	2	15	ON	2	33	38	126	12W	644878	668368	6	28	19	58	1155	73198
		OFF	2	31	9	125	44W	644942	668434	6	28	28	35	1157	73235		
160	2	1	11	ON	3	17	14	142	16W	771852	888142	6	22	2	36	1233	79356
		OFF	3	19	27	141	58W	782787	811492	6	22	3	9	1235	79389		

OPERATIONS SUMMARY

AFT PAN CAMERA NUMBER 187

OPR NO	FRA	Q	LAT	LONG	HEIGHT	RANGE	DA	H	M	S	LTIM	S-TIM						
80	2	1	12	ON	3	23	3	123	25W	746793	774131	1	22	1	9	1327	79269	
		OFF	3	25	12	128	7E	756938	784661	1	22	1	41	1328	79381			
81	8	2	3	ON	2	61	15	168	37W	727582	754194	1	23	18	9	1155	83489	
		OFF	2	59	45	167	35W	721932	748329	1	23	18	33	1159	83433			
82	5	1	14	ON	2	76	48	148	57E	797827	827189	2	8	35	48	959	2148	
		OFF	2	74	27	149	27E	785861	813856	2	8	36	33	1833	2193			
82	5	2	40	ON	2	72	8	152	57E	763818	791796	2	8	37	58	1113	2278	
		OFF	2	52	11	157	59E	738283	756997	2	8	48	8	1151	2488			
84	5	1	54	ON	2	51	38	128	32E	692264	717332	2	3	42	54	1216	13374	
		OFF	2	42	5	131	36E	666767	691888	2	3	45	18	1231	13518			
85	6	1	32	ON	2	26	24	112	2E	643525	666964	2	5	19	18	1247	19158	
		OFF	2	21	8	112	48E	641736	665188	2	5	28	36	1251	19236			
85	6	2	14	ON	2	7	34	114	38E	651778	675526	2	5	23	59	13	1	19439
		OFF	2	5	12	114	45E	655767	679666	2	5	24	35	13	3	19475		
87	4	1	83	ON	2	59	43	56	22E	716716	742916	2	8	11	5	1156	29465	
		OFF	2	45	16	62	41E	672585	697118	2	8	14	46	1225	29686			
88	2	2	17	ON	1	38	3	116	3W	1838652	1877218	2	9	21	22	136	33682	
		OFF	1	41	2	115	22W	1227347	1865472	2	9	22	8	148	33728			
88	2	1	21	ON	2	71	42	21	55E	768298	788142	2	9	38	13	11	5	34693



		OFF	2	67	19	26	55E	745467	772757	2	9	39	18	1126	34758			
88	2	2	19	ON	2	58	3	34	43E	718819	735966	2	9	41	36	12	8	34896
		OFF	2	54	42	36	29E	698886	724329	2	9	42	28	12	8	34948		
88	2	3	13	ON	2	49	32	38	38E	663237	788172	2	9	43	47	1218	35827	
		OFF	2	47	6	39	27E	676646	781332	2	9	44	24	1222	35864			
88	2	4	74	ON	2	16	31	45	24E	642762	666172	2	9	52	1	1253	35521	
		OFF	2	3	11	46	58E	668398	684462	2	9	55	28	13	3	35728		
98	3	1	54	ON	2	29	23	1	48W	644636	668117	2	12	48	59	1241	46139	
		OFF	2	28	38	8	29W	641358	664715	2	12	51	9	1248	46269			
91	8	1	35	ON	2	78	31	74	45W	888932	838332	2	14	5	48	9	6	58748
		OFF	2	73	24	51	49W	778292	798525	2	14	7	39	1848	58859			
91	8	2	13	ON	2	67	35	41	26W	743996	771238	2	14	9	19	1123	58959	
		OFF	2	65	15	38	48W	734425	761296	2	14	9	57	1134	58997			
92	9	1	43	ON	3	4	15	42	53W	681185	785958	2	15	57	38	13	5	57458
		OFF	3	11	36	42	2W	785993	731785	2	15	59	28	1318	57568			
95	2	1	28	ON	2	37	18	116	41W	654835	677869	2	28	17	24	1238	73844	
		OFF	2	33	57	116	8W	649339	672997	2	28	18	14	1234	73894			
97	4	1	22	ON	2	67	38	177	32W	739873	766951	2	23	9	46	1119	83386	
		OFF	2	63	44	173	24W	724631	751131	2	23	18	49	1136	83449			
95	5	1	36	ON	2	65	48	162	2E	731268	758811	3	8	48	22	1128	2422	
		OFF	2	59	16	167	15E	788838	733921	3	8	42	3	1158	2523			
100	5	1	62	ON	2	53	13	125	6E	657897	713887	3	3	43	45	12	3	13425
		OFF	2	41	42	128	55E	668387	684377	3	3	46	39	1222	13599			
101	7	1	52	ON	3	18	59	114	58E	742884	769998	3	5	31	58	1318	19918	
		OFF	3	24	35	116	14E	792119	819184	3	5	34	15	1319	28855			
102	5	1	16	ON	2	74	49	54	42E	767577	795818	3	6	38	1	1816	23881	
		OFF	2	72	32	67	51E	756651	784365	3	6	38	44	1842	23924			
102	5	2	65	ON	2	38	38	84	28E	654217	678859	3	6	47	35	1224	24455	
		OFF	2	27	12	86	28E	643897	666528	3	6	58	24	1236	24624			
103	4	1	72	ON	2	47	3	59	23E	678465	694918	3	8	15	31	1212	29731	
		OFF	2	35	6	62	24E	649387	672963	3	8	18	31	1227	29911			
104	8	1	27	ON	2	37	22	39	15E	652862	675822	3	9	48	8	1224	35288	
		OFF	2	33	3	48	7E	646911	678477	3	9	49	5	1229	35345			
104	2	2	46	ON	2	14	38	43	22E	652575	676354	3	9	54	41	1248	35681	
		OFF	2	3	12	44	13E	666729	691848	3	9	56	38	1253	35798			
105	5	1	11	ON	2	32	58	17	28E	646693	678251	3	11	19	18	1228	48758	
		OFF	2	31	5	17	48E	645895	668593	3	11	19	38	1238	48778			
105	5	2	52	ON	2	23	33	19	1E	642476	665876	3	11	21	38	1237	48898	
		OFF	2	14	14	20	15E	647915	671519	3	11	23	49	1244	41829			
107	5	1	21	ON	2	75	46	62	1E	768238	796185	3	14	8	8	959	58888	
		OFF	2	72	33	52	29W	752351	779983	3	14	9	2	1838	58942			
105	5	1	51	ON	3	2	4	45	51W	682737	787651	3	15	58	2	1254	57482	
		OFF	3	18	32	44	53W	711824	737837	3	16	8	9	13	8	57689		
109	4	1	28	ON	2	11	44	73	6W	652337	676187	3	17	24	48	1244	62688	
		OFF	2	8	16	69	41W	653184	682891	3	17	25	32	1246	62732			
109	4	2	25	ON	3	15	19	66	58W	732878	758858	3	17	31	24	13	3	63884
		OFF	3	19	29	66	26W	758826	778317	3	17	32	27	13	6	63147		
111	4	1	14	ON	2	38	8	119	33W	651844	675596	3	28	18	14	1219	73894	
		OFF	2	35	35	119	2W	648921	672563	3	28	18	58	1222	73138			
114	7	1	37	ON	2	58	36	155	48E	732548	757272	4	8	48	31	11	3	2431
		OFF	2	62	13	162	29E	787756	733617	4	8	42	14	1131	2534			

SECRET

115	7	2	19	ON	3	6	41	155	59E	701888	727442	4	2	29	33	1253	8973	
				OFF	3	10	8	156	23E	714726	740849	4	2	30	25	1255	9025	
116	7	1	13	ON	2	53	4	122	28E	679598	704388	4	3	44	41	1154	13481	
				OFF	2	56	42	123	26E	673767	698344	4	3	45	17	1158	13517	
116	7	2	24	ON	3	1	16	132	42E	684411	709388	4	3	58	15	1248	14295	
				OFF	3	5	39	133	12E	698663	724178	4	3	59	21	1251	14361	
116	7	3	22	ON	3	10	34	133	46E	716974	743181	4	4	0	34	1255	14434	
				OFF	3	14	35	134	15E	733654	760494	4	4	1	34	1258	14494	
117	5	1	58	ON	2	43	35	103	4E	658688	682698	4	5	17	8	12	9	19028
				OFF	2	34	14	105	13E	646550	670103	4	5	19	28	1220	19168	
117	5	2	58	ON	2	26	36	106	33E	643110	666533	4	5	21	22	1227	19282	
				OFF	2	17	18	107	52E	647382	670966	4	5	23	40	1234	19428	
118	6	1	16	ON	2	74	43	52	19E	752816	780385	4	6	38	54	10	8	23934
				OFF	2	72	29	58	17E	742729	769915	4	6	39	36	1032	23976	
118	6	2	51	ON	2	41	54	82	51E	655527	679418	4	6	47	36	1210	24456	
				OFF	2	33	4	82	47E	645442	668953	4	6	49	48	1220	24588	
119	4	1	154	ON	2	69	44	40	48E	730616	757343	4	8	10	26	1053	29426	
				OFF	2	43	12	57	50E	657266	681222	4	8	17	19	12	8	29839
120	9	1	14	ON	2	45	31	34	31E	660919	685012	4	9	46	46	12	4	35206
				OFF	2	43	16	35	11E	656015	680754	4	9	47	21	12	7	35241
120	9	2	20	ON	2	11	35	40	35E	655425	679310	4	9	55	13	1237	35713	
				OFF	2	8	12	40	59E	661730	685853	4	9	56	4	1239	35764	
120	9	3	21	ON	2	5	39	41	16E	667326	691653	4	9	56	42	1241	35802	
				OFF	2	2	16	41	48E	676109	700774	4	9	57	34	1244	35854	
121	7	1	65	ON	2	14	32	17	33E	651151	674877	4	11	24	31	1234	41071	
				OFF	2	3	14	18	53E	673639	698211	4	11	27	20	1242	41240	
121	7	2	29	ON	3	13	29	20	47E	731937	758711	4	11	31	31	1254	41491	
				OFF	3	16	35	21	26E	754971	782619	4	11	32	48	1258	41560	
122	3	1	02	ON	2	25	34	6	35W	642910	666334	4	12	51	49	1225	46309	
				OFF	2	12	42	4	52W	654042	677876	4	12	55	1	1235	46501	
124	7	1	46	ON	3	14	59	47	00	740617	767721	4	16	1	59	1253	57719	
				OFF	3	23	35	45	51W	781921	810593	4	16	4	9	13	0	57849
125	2	1	14	ON	2	11	9	72	40W	657895	681874	4	17	25	38	1234	62730	
				OFF	2	6	15	72	19W	663602	687795	4	17	26	13	1236	62773	
125	2	2	33	ON	3	14	51	69	40W	740711	767817	4	17	32	0	1253	63120	
				OFF	3	20	29	60	57W	767193	795306	4	17	33	25	1257	63205	
127	4	P	15	ON	2	33	56	121	20W	645540	669063	4	20	19	54	1214	73194	
				OFF	2	31	26	120	52W	644298	667766	4	20	20	31	1216	73231	
130	2	1	35	ON	2	66	9	153	48E	717118	743333	5	0	41	14	1656	2474	
				OFF	2	62	15	159	50E	697922	723412	5	0	42	49	1122	2569	
133	2	1	15	ON	2	42	1	100	54E	652518	676295	5	5	18	2	12	1	19082
				OFF	2	39	38	101	29E	649716	673388	5	5	18	38	12	4	19118
133	2	2	58	ON	2	26	28	103	59E	644232	667697	5	5	21	55	1217	19315	
				OFF	2	17	13	105	17E	651237	674966	5	5	24	13	1225	19453	
134	4	1	15	ON	2	74	46	49	35E	739566	766633	5	6	39	23	957	23963	
				OFF	2	72	32	55	35E	730192	756903	5	6	40	5	1022	24005	
134	4	2	43	ON	2	65	44	66	2E	705976	731770	5	6	41	59	11	5	24119
				OFF	2	58	21	71	53E	684307	709365	5	6	43	56	1131	24236	
134	4	3	13	ON	2	52	10	74	56E	669641	694063	5	6	45	38	1145	24330	
				OFF	2	49	43	75	53E	664627	688860	5	6	46	7	1149	24367	
135	7	1	47	ON	2	42	27	55	20E	652539	676318	5	8	17	58	1159	29878	

		OFF	2	34	35	57	15E	645325	668832	5	8	19	56	12	8	29996		
136	9	1	48	ON	2	51	35	29	51E	667518	691861	5	9	45	41	1144	35141	
		OFF	2	43	45	32	27E	653994	677827	5	9	47	48	1157	35268			
136	9	2	35	ON	2	36	57	34	6E	646713	678272	5	9	49	22	12	5	35362
		OFF	2	31	7	35	14E	644828	667478	5	9	58	49	1211	35449			
136	9	3	58	ON	2	6	39	38	35E	671893	696399	5	9	56	54	1231	35814	
		OFF	3	1	36	39	31E	695918	721338	5	9	58	58	1236	35938			
137	8	1	23	ON	2	8	46	16	35E	688742	713883	5	11	28	22	1234	41382	
		OFF	3	3	39	17	5E	723518	729288	5	11	29	28	1237	41368			
137	8	2	52	ON	3	15	53	16	31E	754868	781673	5	11	32	32	1246	41552	
		OFF	3	25	29	19	58E	882398	831842	5	11	34	58	1254	41698			
137	8	3	28	ON	3	38	43	28	41E	831887	861636	5	11	36	17	1258	41777	
		OFF	3	34	26	21	22E	852488	883774	5	11	37	14	13	2	41834		
140	4	1	68	ON	2	8	46	51	22W	698278	715477	5	15	58	25	1232	57585	
		OFF	3	9	32	56	12W	728876	754784	5	16	1	8	1239	57668			
141	6	1	53	ON	3	9	4	72	55W	726769	753347	5	17	38	53	1239	63853	
		OFF	3	18	36	71	45W	769958	798176	5	17	33	17	1246	63197			
143	7	8	14	ON	2	33	45	123	58W	644523	668888	5	28	28	15	12	4	73215
		OFF	2	31	28	123	23W	644888	667548	5	28	28	51	12	7	73251		
144	1	2	12	ON	3	21	17	139	21W	785658	814473	5	22	3	59	1246	79439	
		OFF	3	23	31	139	2W	797314	826573	5	22	4	33	1248	79473			
146	2	1	51	ON	2	63	37	156	12E	692888	717349	6	8	42	41	11	7	2561
		OFF	2	55	18	161	43E	671881	695558	6	8	44	52	1131	2692			
149	6	1	19	ON	2	74	38	78	13E	726862	753445	6	5	9	34	958	18574	
		OFF	2	71	55	77	6E	716467	742679	6	5	18	24	1818	18624			
149	6	2	31	ON	2	58	25	95	47E	668837	684928	6	5	16	5	1139	18965	
		OFF	2	48	6	97	33E	652914	676786	6	5	17	25	1147	19845			
149	6	3	13	ON	2	41	49	95	27E	649245	672988	6	5	18	14	1151	19894	
		OFF	2	39	32	99	8E	647288	678869	6	5	18	48	1154	19128			
152	4	1	16	ON	2	74	49	46	58E	726865	753458	6	6	39	31	947	23971	
		OFF	2	72	35	53	8E	718281	744458	6	6	48	12	1812	24812			
152	4	2	14	ON	2	51	39	72	39E	662787	686869	6	6	45	46	1136	24346	
		OFF	2	49	16	73	33E	658638	682646	6	6	46	22	1140	24382			
152	4	3	73	ON	2	48	36	74	27E	65458E	678547	6	6	47	2	1144	24422	
		OFF	2	33	18	77	41E	644439	667912	6	6	58	24	12	8	24624		
151	8	1	15	ON	2	78	47	34	11E	718734	736788	6	8	18	45	1827	29445	
		OFF	2	68	23	37	43E	723291	728984	6	8	11	23	1842	29483			
151	8	2	34	ON	2	52	31	49	38E	663965	688174	6	8	15	32	1133	29732	
		OFF	2	46	39	51	47E	654518	678371	6	8	17	1	1143	29821			
152	8	1	174	ON	2	68	36	22	38E	631889	785868	6	9	43	28	1113	35888	
		OFF	2	43	48	38	8E	658783	674412	6	9	47	46	1147	35266			
153	8	1	53	ON	3	24	55	17	16E	811725	841534	6	11	34	53	1243	41693	
		OFF	3	35	32	19	6E	871967	964882	6	11	37	35	1253	41855			
156	7	1	61	ON	3	1	16	53	46W	788484	726868	6	15	58	32	1223	57512	
		OFF	3	18	38	52	32W	743358	778565	6	16	1	16	1238	57676			
159	7	1	15	ON	2	33	44	125	16W	644827	668315	6	28	28	18	1154	73218	
		OFF	2	31	15	125	49W	645188	668598	6	28	28	47	1157	73247			

PHOTOGRAPHIC SUMMARY

FND PAN CAMERA NO 156 P.2388 SLIT W/23A FILTER 3484 FILM

OFFICE  
OF THE  
ATTORNEY GENERAL

2-JUL-8

OPN NO	FRA	FEET	ET	S-EL	S-DIR	EV	FULL	INT	PRI
80 2 1	11	29.1	ON 268	39.3	165.5	11.88	12.38	11.78	11.18
			OFF 268	37.2	165.9	11.88	12.37	11.77	11.17
81 0 0	3	7.9	ON 238	52.0	18.5	11.75	12.42	11.82	11.22
			OFF 238	53.5	19.1	11.75	12.42	11.82	11.22
82 5 1	14	37.0	ON 238	34.6	15.2	11.75	12.35	11.75	11.15
			OFF 238	37.6	15.2	11.75	12.37	11.77	11.17
82 5 2	39	103.2	ON 238	42.7	15.7	11.75	12.40	11.80	11.20
			OFF 238	51.1	17.9	11.75	12.42	11.82	11.22
84 5 1	53	148.2	ON 293	61.5	22.9	12.05	12.42	11.82	11.22
			OFF 293	70.2	33.8	12.05	12.42	11.82	11.22
85 6 1	32	84.6	ON 293	79.5	85.6	12.05	12.42	11.82	11.22
			OFF 293	78.6	113.2	12.05	12.42	11.82	11.22
85 6 2	14	37.0	ON 293	69.0	149.6	12.05	12.42	11.82	11.22
			OFF 293	66.9	152.5	12.05	12.42	11.82	11.22
87 4 1	82	216.9	ON 260	53.5	17.7	11.88	12.42	11.82	11.22
			OFF 260	67.5	27.7	11.88	12.42	11.82	11.22
88 2 0	15	42.3	ON 260	-24.3	11.2	11.88	0.00	0.00	0.00
			OFF 260	-21.4	11.0	11.88	0.00	0.00	0.00
88 2 1	21	55.5	ON 260	41.9	14.4	11.88	12.40	11.80	11.20
			OFF 260	45.6	15.1	11.88	12.41	11.81	11.21
88 2 2	19	50.3	ON 260	55.2	18.1	11.88	12.42	11.82	11.22
			OFF 260	58.5	19.8	11.88	12.42	11.82	11.22
88 2 3	13	34.4	ON 260	63.5	23.2	11.88	12.42	11.82	11.22
			OFF 260	65.8	25.4	11.88	12.42	11.82	11.22
88 2 4	73	193.1	ON 260	76.5	131.0	11.88	12.42	11.82	11.22
			OFF 260	65.3	155.3	11.88	12.42	11.82	11.22
90 3 1	54	142.0	ON 293	79.4	67.6	12.05	12.42	11.82	11.22
			OFF 293	79.1	116.0	12.05	12.42	11.82	11.22
91 0 1	37	97.9	ON 238	31.3	13.9	11.75	12.31	11.71	11.11
			OFF 238	38.7	13.6	11.75	12.38	11.78	11.18
91 0 2	12	31.7	ON 238	45.3	14.4	11.75	12.41	11.81	11.21
			OFF 238	47.8	15.9	11.75	12.42	11.82	11.22
92 9 1	42	111.1	ON 288	58.6	161.6	12.02	12.42	11.82	11.22
			OFF 288	51.4	164.7	12.02	12.42	11.82	11.22
95 2 1	19	50.3	ON 300	74.7	36.8	12.08	12.42	11.82	11.22
			OFF 300	77.3	45.8	12.08	12.42	11.82	11.22
97 4 1	22	58.2	ON 265	45.1	13.2	11.90	12.41	11.81	11.21
			OFF 265	49.3	14.0	11.90	12.42	11.82	11.22
98 5 1	55	92.5	ON 265	47.2	13.4	11.90	12.42	11.82	11.22
			OFF 265	53.9	15.2	11.90	12.42	11.82	11.22
107 5 1	62	164.0	ON 265	63.0	17.2	11.90	12.42	11.82	11.22
			OFF 265	71.0	26.8	11.90	12.42	11.82	11.22
121 7 1	51	134.9	ON 265	44.6	168.3	11.90	12.41	11.81	11.21
			OFF 265	35.0	169.9	11.90	12.35	11.75	11.15
122 5 1	10	42.3	ON 288	36.6	11.6	12.02	12.36	11.76	11.16
			OFF 288	39.4	11.6	12.02	12.38	11.78	11.18
127 5 2	55	171.9	ON 268	73.9	30.8	12.02	12.42	11.82	11.22
			OFF 268	81.6	73.9	12.02	12.42	11.82	11.22
123 4 1	72	197.4	ON 320	66.0	20.1	12.08	12.42	11.82	11.22
			OFF 320	76.9	37.7	12.08	12.42	11.82	11.22

REPORT ONLY

104	8	1	26	68.8	ON	311	75.8	31.9	12.13	12.42	11.82	11.22
					OFF	311	78.5	43.3	12.13	12.42	11.82	11.22
104	8	2	45	119.8	ON	311	73.5	151.3	12.13	12.42	11.82	11.22
					OFF	311	66.7	159.9	12.13	12.42	11.82	11.22
105	5	1	11	29.1	ON	311	78.6	43.8	12.13	12.42	11.82	11.22
					OFF	311	88.8	58.4	12.13	12.42	11.82	11.22
105	5	2	58	153.4	ON	311	82.2	99.1	12.13	12.42	11.82	11.22
					OFF	311	76.8	144.8	12.13	12.42	11.82	11.22
107	5	1	28	52.9	ON	249	35.2	18.7	11.81	12.35	11.75	11.15
					OFF	249	39.3	18.7	11.81	12.38	11.78	11.18
108	5	1	58	132.3	ON	296	61.9	164.4	12.86	12.42	11.82	11.22
					OFF	296	53.5	167.7	12.86	12.42	11.82	11.22
109	4	1	28	52.9	ON	296	75.1	151.1	12.86	12.42	11.82	11.22
					OFF	296	71.9	156.4	12.86	12.42	11.82	11.22
109	4	2	24	63.5	ON	296	48.8	169.1	12.86	12.42	11.82	11.22
					OFF	296	44.6	169.9	12.86	12.41	11.81	11.21
111	4	1	13	34.4	ON	296	74.7	27.8	12.86	12.42	11.82	11.22
					OFF	296	76.8	31.7	12.86	12.42	11.82	11.22
114	7	1	36	95.2	ON	261	43.7	9.6	11.88	12.41	11.81	11.21
					OFF	261	58.5	18.6	11.88	12.42	11.82	11.22
115	7	2	18	47.6	ON	273	57.8	168.1	11.94	12.42	11.82	11.22
					OFF	273	54.3	169.1	11.94	12.42	11.82	11.22
116	7	1	13	34.4	ON	273	68.8	12.6	11.94	12.42	11.82	11.22
					OFF	273	62.4	13.6	11.94	12.42	11.82	11.22
116	7	2	23	68.5	ON	273	63.3	166.2	11.94	12.42	11.82	11.22
					OFF	273	58.9	169.8	11.94	12.42	11.82	11.22
116	7	3	21	55.5	ON	273	54.8	169.5	11.94	12.42	11.82	11.22
					OFF	273	49.9	178.4	11.94	12.42	11.82	11.22
117	5	1	50	153.4	ON	387	69.4	17.5	12.11	12.42	11.82	11.22
					OFF	387	78.2	31.8	12.11	12.42	11.82	11.22
117	5	2	58	153.4	ON	387	83.5	68.8	12.11	12.42	11.82	11.22
					OFF	387	88.7	139.6	12.11	12.42	11.82	11.22
118	6	1	16	42.3	ON	284	36.3	8.7	12.88	12.36	11.76	11.16
					OFF	284	39.1	8.6	12.88	12.38	11.78	11.18
118	6	2	50	132.3	ON	284	71.1	18.6	12.88	12.42	11.82	11.22
					OFF	284	79.3	33.5	12.88	12.42	11.82	11.22
119	4	1	154	487.3	ON	276	42.2	8.6	11.96	12.48	11.88	11.28
					OFF	276	69.6	17.8	11.96	12.42	11.82	11.22
120	9	1	14	37.8	ON	388	67.5	15.8	12.88	12.42	11.82	11.22
					OFF	388	69.8	16.6	12.88	12.42	11.82	11.22
120	9	2	19	58.3	ON	388	76.8	156.2	12.88	12.42	11.82	11.22
					OFF	388	72.8	168.7	12.88	12.42	11.82	11.22
120	9	3	22	52.9	ON	388	78.4	163.1	12.88	12.42	11.82	11.22
					OFF	388	66.9	165.6	12.88	12.42	11.82	11.22
121	7	1	65	171.9	ON	288	78.8	158.6	12.82	12.42	11.82	11.22
					OFF	288	68.1	165.3	12.82	12.42	11.82	11.22
121	7	2	29	76.7	ON	288	51.3	171.2	12.82	12.42	11.82	11.22
					OFF	288	46.2	172.1	12.82	12.42	11.82	11.22
122	3	1	82	211.6	ON	311	84.5	74.5	12.13	12.42	11.82	11.22
					OFF	311	77.2	155.2	12.13	12.42	11.82	11.22
124	7	1	40	121.7	ON	264	49.9	172.1	11.98	12.42	11.82	11.22

25	9	1	14	ON	2	35	53	31	31E	688661	785498	23	11	9	12	1315	48152	
				OFF	2	33	32	31	58E	674228	698814	23	11	9	47	1317	48187	
25	9	2	47	ON	3	18	12	37	41E	667822	692174	23	11	28	39	1351	48839	
				OFF	3	18	7	38	48E	698793	716812	23	11	22	37	1357	48957	
26	2	1	29	ON	3	3	49	14	16E	654723	678582	23	12	49	13	1346	46153	
				OFF	3	8	41	14	49E	664528	688757	23	12	58	25	1349	46225	
27	8	1	16	ON	2	69	55	32	52W	822477	852699	23	14	8	48	1149	58448	
				OFF	2	66	58	28	49W	886798	836413	23	14	1	38	12	6	58498
29	8	1	78	ON	3	6	21	53	31W	668821	684918	23	17	28	19	1346	62419	
				OFF	3	28	47	51	44W	782525	728186	23	17	23	54	1356	62634	
38	5	1	77	ON	3	1	19	76	47W	652218	675975	23	18	49	15	1342	67755	
				OFF	3	14	8	75	18W	681848	785891	23	18	52	26	1351	67946	
32	7	8	14	ON	2	33	36	126	52W	672827	696538	23	21	48	53	1313	78853	
				OFF	2	31	18	126	26W	666266	698568	23	21	41	29	1315	78889	
34	5	1	38	ON	2	68	24	178	29E	887568	837213	24	8	32	12	1154	1932	
				OFF	2	62	53	176	28E	788889	888612	24	8	33	42	1219	2822	
35	5	1	44	ON	2	68	26	155	38E	767529	795657	24	2	4	38	1226	7478	
				OFF	2	52	8	159	57E	731894	757838	24	2	6	41	1246	7681	
36	7	1	69	ON	3	21	18	149	27E	788137	734818	24	3	55	6	1352	14188	
				OFF	3	33	14	151	23E	768349	788282	24	3	58	7	14	3	14287
37	7	1	24	ON	2	5	3	123	38E	646141	669678	24	5	18	44	1333	19124	
				OFF	2	8	48	124	7E	658844	674559	24	5	19	47	1336	19187	
37	7	2	19	ON	3	6	46	124	58E	664686	688837	24	5	21	48	1341	19388	
				OFF	3	18	8	125	22E	672884	697427	24	5	22	38	1343	19351	
37	7	3	66	ON	3	13	18	125	43E	681428	786285	24	5	23	15	1346	19395	
				OFF	3	24	38	127	15E	722377	748798	24	5	26	6	1355	19568	
37	7	4	18	ON	3	29	34	128	2E	743888	771825	24	5	27	28	1359	19648	
				OFF	3	32	41	128	35E	758356	786134	24	5	28	7	14	2	19687
38	3	1	14	ON	2	58	5	88	55E	754247	781869	24	6	35	35	1231	23735	
				OFF	2	55	38	98	14E	743664	778885	24	6	36	13	1237	23773	
38	3	2	53	ON	2	26	25	98	11E	654912	678779	24	6	43	35	1316	24215	
				OFF	2	17	18	99	38E	644555	668832	24	6	45	53	1323	24355	
38	3	3	51	ON	2	2	38	181	13E	648673	672385	24	6	49	29	1334	24568	
				OFF	3	6	12	182	13E	663613	687887	24	6	51	48	1348	24781	
39	6	1	13	ON	2	57	47	66	24E	752863	779682	24	8	5	48	1231	29148	
				OFF	2	55	26	67	39E	742834	769193	24	8	6	24	1237	29184	
39	6	2	13	ON	2	46	47	71	4E	788336	734219	24	8	8	38	1252	29318	
				OFF	2	44	24	71	46E	788117	725689	24	8	9	14	1256	29354	
39	6	3	32	ON	2	37	14	73	32E	678234	782979	24	8	11	2	13	5	29462
				OFF	2	31	24	74	48E	663984	688193	24	8	12	38	1311	29551	
48	8	1	88	ON	2	55	58	44	45E	742873	778864	24	9	36	27	1235	34587	
				OFF	2	41	53	49	45E	691328	716559	24	9	48	8	1259	34881	
41	5	1	33	ON	2	46	57	25	37E	787584	733438	24	11	8	52	1251	48131	
				OFF	2	41	1	27	17E	688842	713157	24	11	18	22	1259	48221	
42	3	1	52	ON	2	21	29	8	18E	647281	678868	24	12	45	24	1318	45921	
				OFF	2	13	6	9	15E	642876	666291	24	12	47	29	1324	46849	
43	9	1	38	ON	2	78	27	36	58W	888984	838688	24	14	2	57	1135	58577	
				OFF	2	65	31	38	17W	783956	812789	24	14	4	19	12	3	58659
43	9	2	28	ON	2	23	57	14	52W	649875	673552	24	14	14	55	1315	51295	
				OFF	2	28	11	14	28W	645898	669418	24	14	15	51	1318	51355	
44	4	1	35	ON	2	68	31	56	34W	797835	827117	24	15	33	38	1147	56818	

			OFF 2 62	4	49	54W	766768	794859	24	15	35	23	1215	56123
47	2	1	28 ON 2 35	25	187	35W	669782	694126	24	20	12	37	13	2 72757
			OFF 2 32	1	186	56W	662893	686238	24	20	13	28	13	5 72888
50	4	1	55 ON 2 70	33	164	8E	882885	831445	25	8	33	53	1138	2833
			OFF 2 61	4	174	42E	756783	784419	25	8	36	29	1215	2189
58	4	2	18 ON 2 52	29	179	25E	721355	747738	25	8	38	42	1236	2322
			OFF 2 58	30	188	12E	713975	748871	25	8	39	12	1248	2352
53	3	1	51 ON 2 41	25	114	56E	682368	787261	25	5	11	54	1251	18714
			OFF 2 33	8	116	45E	661686	685888	25	5	14	1	13	1 18841
54	4	1	38 ON 2 57	29	86	14E	737862	764863	25	6	37	56	1222	23876
			OFF 2 51	7	89	13E	713198	739264	25	6	39	34	1236	23974
54	4	2	98 ON 2 45	24	91	18E	693719	719849	25	6	41	2	1245	24862
			OFF 2 28	32	94	51E	653247	677851	25	6	45	16	13	4 24316
55	4	1	11 ON 2 57	59	63	16E	739827	766872	25	8	7	56	1221	29276
			OFF 2 56	3	64	19E	731254	758885	25	8	8	26	1225	29386
55	4	2	85 ON 2 58	38	66	46E	718288	736237	25	8	9	52	1236	29392
			OFF 2 36	8	78	47E	667323	691658	25	8	13	32	1256	29612
56	5	1	62 ON 2 58	1	48	34E	738345	765364	25	9	38	3	1228	34683
			OFF 2 47	5	45	16E	697855	723342	25	9	48	51	1241	34851
57	4	1	31 ON 2 45	58	22	56E	693627	718953	25	11	11	16	1243	48276
			OFF 2 48	34	24	24E	677748	782475	25	11	12	38	1258	48358
59	2	1	24 ON 2 16	28	16	58W	642228	665689	25	14	18	52	1311	51532
			OFF 2 11	37	16	14W	643116	666539	25	14	28	4	1315	51684
64	2	1	28 ON 3 6	16	36	52W	678988	695468	25	15	54	37	1327	57277
			OFF 3 9	43	36	29W	688573	785486	25	15	55	28	1329	57328
61	8	1	56 ON 2 1	31	68	26W	654579	678433	25	17	22	49	1321	62569
			OFF 3 7	46	59	23W	675446	788885	25	17	25	7	1327	62787
63	9	1	38 ON 2 37	28	118	57W	667171	691588	25	28	14	9	1258	72849
			OFF 2 31	1	189	43W	654778	678632	25	28	15	44	1256	72944
66	6	1	37 ON 2 65	17	168	18E	768911	788787	26	8	37	18	1149	2238
			OFF 2 58	52	173	13E	733843	768692	26	8	39	8	1211	2348
68	6	1	47 ON 2 52	21	131	9E	788857	733929	26	3	48	54	1225	13254
			OFF 2 43	57	134	8E	681683	786559	26	3	43	2	1239	13382
69	4	1	65 ON 2 44	58	111	2E	683969	788932	26	5	12	53	1237	18773
			OFF 2 34	1	113	37E	658882	682868	26	5	15	38	1258	18938
69	4	2	26 ON 2 26	31	114	55E	647184	678768	26	5	17	38	1257	19858
			OFF 2 22	18	115	34E	643643	667887	26	5	18	35	13	8 19115
78	2	1	13 ON 2 57	59	83	2E	727235	753834	26	6	39	48	1211	23988
			OFF 2 55	32	84	21E	718825	744275	26	6	48	18	1217	24818
78	2	2	12 ON 2 41	49	89	13E	674986	699526	26	6	43	47	1248	24227
			OFF 2 39	29	89	47E	669172	693576	26	6	44	22	1243	24262
71	2	1	22 ON 2 78	3	48	38E	778398	886931	26	8	6	31	1121	29191
			OFF 2 66	5	53	56E	768881	787842	26	8	7	37	1143	29257
71	2	2	23 ON 2 63	29	56	27E	748785	776117	26	8	8	19	1154	29299
			OFF 2 59	5	59	41E	738758	757481	26	8	9	29	12	8 29369
72	5	1	17 ON 2 58	1	37	39E	725885	752432	26	9	39	52	1218	34792
			OFF 2 55	8	39	11E	715148	741288	26	9	48	37	1217	34837
72	5	2	85 ON 2 52	35	48	28E	786189	731988	26	9	41	16	1222	34876
			OFF 2 38	2	44	45E	664978	689225	26	9	44	56	1243	35896
73	2	1	31 ON 2 88	4	52	32W	848612	879835	26	11	2	37	732	39757
			OFF 2 78	2	22	43W	822129	852339	26	11	4	6	933	39846



73	2 2	31 ON	2 46 25	19 53E	685914	718958	26 11 12	56 1232	48376
		OFF	2 48 38	21 38E	678178	694611	26 11 14	26 1248	48466
74	9 1	34 ON	2 75 27	32 31W	883982	833499	26 12 35	18 1825	45318
		OFF	2 69 39	18 45W	773715	882878	26 12 36	56 1121	45416
75	2 1	25 ON	2 69 38	41 11W	771973	888278	26 14 7	5 1122	58825
		OFF	2 65 1	35 41W	751862	779394	26 14 8	19 1145	58899
79	6 1	19 ON	2 36 8	113 34W	658464	682465	26 28 16	7 1241	72967
		OFF	2 32 49	112 55W	652829	676618	26 28 16	57 1245	73817
88	2 1	6 ON	3 23 16	128 28W	742617	769796	26 22 8	58 1327	79258
		OFF	3 25 25	128 1W	752627	788186	26 22 1	38 1329	79298

OPERATIONS SUMMARY

AFT PAN CAMERA NUMBER 187												
OPN NO	FRA	Q	LAT	LONG	HEIGHT	RANGE	DA	H	M	S	LTIM	S-TIM
PRE-FLT 185												
1	3 8	13 ON	2 51 39	148 16W	757251	784987	21 23 1	12 13 7	82872			
		OFF	2 49 18	147 28W	746241	773568	21 23 1	58 1312	82918			
2	3 1	36 ON	1 55 12	198 58E	789813	817958	22 8 26	46 13 9	1688			
		OFF	1 48 1	193 44E	753978	781598	22 8 28	36 1323	1716			
4	4 1	36 ON	2 72 2	125 11E	858255	889848	22 3 26	21 1146	1238			
		OFF	2 65 19	134 56E	828336	858476	22 3 28	14 1227	1249			
5	8 1	88 ON	3 16 2	131 32E	663669	687865	22 5 17	21 14 3	1984			
		OFF	3 25 36	133 35E	711886	737871	22 5 21	14 1415	1927			
6	4 1	131 ON	2 42 34	181 9E	712788	738747	22 6 34	28 1318	2366			
		OFF	2 17 8	185 42E	648917	672558	22 6 48	58 1343	2485			
8	6 1	14 ON	2 78 42	36 55E	842487	873392	22 9 27	29 1154	3484			
		OFF	2 68 13	48 45E	828368	858888	22 9 28	11 1211	3489			
8	6 2	68 ON	2 58 2	49 43E	776835	884486	22 9 38	54 1249	3425			
		OFF	2 46 32	54 36E	725243	751765	22 9 33	58 1312	3443			
9	3 8	15 ON	1 38 18	123 42W	1133376	1175651	22 18 48	41 225	3844			
		OFF	1 41 6	123 2W	1124893	1166884	22 18 41	27 229	3848			
9	3 1	31 ON	2 86 5	42 47W	921291	955388	22 18 53	38 8 2	3921			
		OFF	2 78 8	11 24W	898469	923299	22 18 55	11 18 9	3931			
9	3 2	12 ON	2 45 59	32 5E	721638	748815	22 11 4	9 1312	3984			
		OFF	2 43 32	32 48E	712214	738243	22 11 4	46 1315	3988			
18	3 1	39 ON	2 28 54	13 12E	666788	691819	22 12 38	36 1331	4551			
		OFF	2 21 18	14 22E	651891	675644	22 12 48	31 1337	4563			
11	4 1	32 ON	2 21 29	8 22W	651985	675742	22 14 18	37 1336	5183			
		OFF	2 15 18	7 32W	644812	668299	22 14 12	11 1341	5113			
13	8 1	43 ON	3 9 12	58 7W	663585	687695	22 17 18	35 1357	6231			
		OFF	3 17 35	49 6W	686422	711476	22 17 28	48 14 4	6244			
14	9 1	48 ON	3 25 8	78 45W	714149	748258	22 18 52	44 14 9	6796			
		OFF	3 34 38	69 9W	755385	783849	22 18 55	6 1418	6818			
16	9 2	13 ON	2 33 46	123 51W	676588	781272	22 21 38	27 1322	7798			
		OFF	2 31 17	123 23W	678161	694682	22 21 39	4 1325	7794			
19	8 1	33 ON	2 68 7	151 13E	815512	845469	23 2 8	8 12 4	728			
		OFF	2 62 7	157 18E	784822	813688	23 2 1	45 1238	738			
28	3 2	13 ON	3 3 48	158 22E	654928	678795	23 3 48	27 1349	1378			
		OFF	3 6 14	158 38E	659583	683542	23 3 49	3 1351	1374			
28	3 3	14 ON	3 24 6	152 54E	713651	739734	23 3 53	31 14 4	1481			

			OFF 3	26	37	153	17E	723993	758467	23	3	54	9	14	7	14849
22	5	1	61 ON	2	43	4	97 51E	782182	727748	23	6	37	9	13	8	23829
			OFF 2	32	39	108	18E	678891	695368	23	6	39	45	1328		23985
24	5	1	15 ON	2	78	54	33 26E	825324	855655	23	9	38	12	1143		34212
			OFF 2	68	27	37	17E	812831	841854	23	9	38	54	1159		34254
24	5	2	186 ON	2	57	49	46 42E	759917	787755	23	9	33	43	1248		34423
			OFF 2	39	13	53	25E	688211	713333	23	9	38	26	1311		34786
25	9	1	14 ON	2	36	2	31 25E	678348	783898	23	11	9	24	1314		48164
			OFF 2	33	41	31	53E	672892	696686	23	11	9	59	1317		48199
25	9	2	48 ON	3	18	4	37 36E	669895	694325	23	11	28	51	1351		48851
			OFF 3	17	57	38	35E	693575	718899	23	11	22	49	1356		48969
26	2	1	29 ON	3	3	42	14 11E	656196	688111	23	12	49	25	1346		46165
			OFF 3	8	32	14	44E	666473	698774	23	12	58	37	1349		46237
27	8	1	16 ON	2	78	14	33 29W	818549	848621	23	14	8	52	1146		58452
			OFF 2	67	17	29	17W	882923	832398	23	14	1	42	12	4	58582
29	8	1	78 ON	3	6	13	53 36W	662582	686737	23	17	28	31	1345		62431
			OFF 3	28	35	51	58W	785572	731349	23	17	24	6	1356		62646
38	5	1	78 ON	3	1	12	76 51W	653491	677384	23	18	49	27	1341		67767
			OFF 3	13	58	75	23W	683536	788488	23	18	52	38	1358		67958
32	7	8	14 ON	2	33	44	126 58W	678889	694444	23	21	41	5	1313		78865
			OFF 2	31	19	126	31W	664447	688673	23	21	41	41	1315		78181
34	5	1	31 ON	2	68	43	169 58E	883744	833251	24	8	32	24	1152		1944
			OFF 2	63	11	176	1E	776341	884884	24	8	33	54	1217		2834
35	5	1	45 ON	2	68	42	155 14E	763956	791948	24	2	4	42	1225		7482
			OFF 2	52	13	159	48E	727892	754515	24	2	6	53	1245		7613
36	7	1	78 ON	3	28	58	149 22E	711292	737285	24	3	55	18	1352		14118
			OFF 3	32	57	151	16E	764319	792323	24	3	58	19	14	3	14299
37	7	1	24 ON	2	5	18	123 34E	646887	678452	24	5	18	56	1333		19136
			OFF 2	8	55	124	3E	652814	675771	24	5	19	59	1335		19199
37	7	2	19 ON	3	6	37	124 54E	666514	698817	24	5	21	52	1341		19312
			OFF 3	9	59	125	17E	675189	699736	24	5	22	42	1343		19362
37	7	3	67 ON	3	13	8	125 39E	683918	788877	24	5	23	27	1345		19487
			OFF 3	24	25	127	9E	725883	752345	24	5	26	18	1354		19578
37	7	4	18 ON	3	29	19	127 56E	747561	774928	24	5	27	32	1359		19652
			OFF 3	32	24	128	28E	762385	798232	24	5	28	19	14	2	19699
38	3	1	15 ON	2	58	28	88 42E	758888	778292	24	6	35	47	1238		23747
			OFF 2	55	52	98	3E	748323	767417	24	6	36	25	1236		23785
38	3	2	53 ON	2	26	33	98 7E	653598	677416	24	6	43	47	1316		24227
			OFF 2	17	17	99	25E	644189	667578	24	6	46	5	1323		24365
38	3	3	51 ON	2	2	45	181 9E	649676	673345	24	6	49	41	1334		24581
			OFF 3	6	4	182	8E	665482	689746	24	6	51	52	1348		24712
39	6	1	14 ON	2	58	2	66 11E	748648	776858	24	8	6	8	1238		29168
			OFF 2	55	41	67	27E	738716	765749	24	8	6	36	1236		29196
39	6	2	14 ON	2	46	58	78 56E	785482	731256	24	8	8	58	1252		29338
			OFF 2	44	35	71	39E	697412	722882	24	8	9	26	1255		29366
39	6	3	34 ON	2	37	23	73 26E	676835	788698	24	8	11	14	13	4	29474
			OFF 2	31	32	74	35E	662254	686397	24	8	12	42	1318		29562
48	8	1	88 ON	2	56	5	44 34E	739547	766612	24	9	36	39	1234		34599
			OFF 2	42	4	49	39E	688798	713942	24	9	48	12	1258		34812
41	5	1	33 ON	2	47	9	25 38E	784746	738493	24	11	9	4	1258		48144
			OFF 2	41	11	27	11E	685595	718618	24	11	18	34	1259		48234

42	3	1	52	ON	2	21	36	8	5E	646483	678833	24	12	45	36	1317	45936	
				OFF	2	13	12	9	11E	642894	666388	24	12	47	41	1324	46861	
43	9	1	31	ON	2	78	45	37	27W	885131	834691	24	14	3	9	1133	58589	
				OFF	2	65	49	38	48W	788386	888928	24	14	4	31	12	1	58671
43	9	2	21	ON	2	24	4	14	56W	648865	672584	24	14	15	7	1315	51387	
				OFF	2	28	18	14	24W	645233	668735	24	14	16	3	1318	51363	
44	4	1	36	ON	2	68	49	57	3W	794116	823255	24	15	33	58	1145	56838	
				OFF	2	62	21	58	11W	763233	791197	24	15	35	35	1214	56135	
47	2	1	21	ON	2	35	34	187	48W	667767	692118	24	28	12	49	13	1	72769
				OFF	2	32	8	187	1W	668436	684511	24	28	13	48	13	5	72828
50	4	1	55	ON	2	78	51	163	32E	798382	827682	25	8	34	5	1128	2845	
				OFF	2	61	28	174	27E	753286	788872	25	8	36	41	1214	2281	
52	4	2	18	ON	2	52	41	179	16E	718338	744591	25	8	38	54	1235	2334	
				OFF	2	58	42	179	55W	711858	737844	25	8	39	24	1239	2364	
53	3	1	51	ON	2	41	35	114	58E	688865	784888	25	5	12	6	1251	18726	
				OFF	2	33	8	116	48E	668841	684181	25	5	14	13	13	8	18853
54	4	1	38	ON	2	57	43	86	2E	734644	761523	25	6	38	8	1222	23888	
				OFF	2	51	19	89	5E	718383	736268	25	6	39	46	1235	23986	
54	4	2	99	ON	2	45	34	91	3E	691178	716484	25	6	41	14	1245	24874	
				OFF	2	28	39	94	46E	652888	675758	25	6	45	28	13	4	24328
55	4	1	11	ON	2	58	13	63	4E	735799	762722	25	8	8	8	1228	29288	
				OFF	2	56	17	64	8E	728115	754747	25	8	8	38	1225	29318	
55	4	2	86	ON	2	58	42	66	38E	787432	733281	25	8	18	4	1236	29484	
				OFF	2	36	8	78	42E	665467	689732	25	8	13	44	1256	29624	
56	5	1	63	ON	2	58	15	48	21E	735138	762827	25	9	38	15	1219	34695	
				OFF	2	47	16	45	9E	695227	728615	25	9	41	3	1241	34863	
57	4	1	31	ON	2	46	9	22	49E	691883	716314	25	11	11	28	1242	48288	
				OFF	2	48	43	24	18E	675576	788222	25	11	12	58	1249	48378	
59	2	1	24	ON	2	16	34	16	54W	642176	665564	25	14	19	4	1311	51544	
				OFF	2	11	43	16	18W	643548	666987	25	14	28	16	1314	51616	
60	2	1	21	ON	3	6	8	36	57W	673168	697722	25	15	54	49	1326	57289	
				OFF	3	9	34	36	33W	683865	787991	25	15	55	48	1329	57348	
61	8	1	56	ON	2	1	38	68	31W	656833	679942	25	17	23	1	1328	62581	
				OFF	3	7	37	59	28W	677774	782581	25	17	25	19	1327	62719	
63	9	1	38	ON	2	37	28	111	2W	665339	689599	25	28	14	21	1249	72861	
				OFF	2	31	8	189	48W	653453	677266	25	28	15	56	1256	72956	
66	6	1	38	ON	2	65	32	167	58E	757543	785291	26	8	37	38	1148	2258	
				OFF	2	59	6	173	1E	738727	757457	26	8	39	12	1211	2352	
68	6	1	47	ON	2	52	33	131	1E	785292	731868	26	3	41	6	1224	13266	
				OFF	2	44	7	133	54E	679448	784231	26	3	43	14	1238	13394	
69	4	1	67	ON	2	45	7	118	56E	681672	786548	26	5	13	5	1236	18785	
				OFF	2	34	8	113	32E	656684	688535	26	5	15	58	1249	18958	
69	4	2	26	ON	2	26	37	114	51E	646352	669897	26	5	17	42	1256	19862	
				OFF	2	22	16	115	38E	643211	666638	26	5	18	47	13	8	19127
70	2	1	14	ON	2	58	12	82	58E	724288	758691	26	6	39	52	1211	23992	
				OFF	2	55	44	84	11E	715117	741256	26	6	48	38	1217	24838	
70	2	2	13	ON	2	41	58	89	7E	672841	697383	26	6	43	59	1248	24239	
				OFF	2	39	38	89	41E	667277	691618	26	6	44	34	1243	24274	
71	2	1	22	CN	2	78	19	48	7E	774926	883336	26	8	6	43	1119	29283	
				OFF	2	66	28	53	35E	756659	784373	26	8	7	49	1141	29269	
71	2	2	24	ON	2	63	43	56	18E	745456	772745	26	8	8	31	1153	29311	

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		OFF	2	59	18	59	29E	727683	754298	26	8	9	41	12	7	29381		
72	5	1	17	ON	2	58	14	37	27E	722879	749312	26	9	40	4	12	9	34804
		OFF	2	55	21	39	1E	712276	738388	26	9	40	49	1216				34849
72	5	2	86	ON	2	52	46	40	12E	703383	729079	26	9	41	28	1222		34888
		OFF	2	38	10	44	40E	663223	687403	26	9	45	8	1243				35108
73	2	1	32	ON	2	80	5	55	1W	844952	876835	26	11	2	49	722		39769
		OFF	2	78	14	24	18W	818506	848577	26	11	4	18	926				39858
73	2	2	32	ON	2	46	35	19	46E	683575	708522	26	11	13	8	1232		40388
		OFF	2	40	38	21	24E	668242	692611	26	11	14	38	1240				40478
74	9	1	35	ON	2	75	43	33	33W	800416	829796	26	12	35	22	1020		45322
		OFF	2	69	55	19	14W	770292	798525	26	12	37	8	1119				45428
75	2	1	25	ON	2	69	45	41	40W	768567	796734	26	14	7	17	1120		50837
		OFF	2	65	16	36	0W	748602	776011	26	14	8	31	1144				50911
79	6	1	20	ON	2	36	15	113	39W	656966	680911	26	20	16	19	1241		72979
		OFF	2	32	56	113	0W	651603	675346	26	20	17	9	1244				73029
80	2	1	7	ON	3	23	0	128	27W	746378	773700	26	22	1	10	1327		79278
		OFF	3	25	9	128	8W	756526	784233	26	22	1	42	1328				79302

PHOTOGRAPHIC SUMMARY

FWD PAN CAMERA NO 186 0.2000 SLIT W/23 FILTER 3404 FILM

OPN NO	FRA	FEET	ET	S-EL	S-DIR	EV	FULL	INT	PRI		
PRE-FLT	102	269.8									
1	3	0	12	31.7	ON 274	59.2	47.4	11.95	12.42	11.82	11.22
					OFF 277	60.9	50.7	11.97	12.42	11.82	11.22
2	3	1	36	95.2	ON 240	56.0	47.0	11.76	12.42	11.82	11.22
					OFF 252	60.7	56.3	11.83	12.42	11.82	11.22
4	4	1	36	95.2	ON 225	41.8	30.8	11.67	12.40	11.80	11.20
					OFF 235	48.2	34.2	11.73	12.42	11.82	11.22
5	8	1	80	211.6	ON 253	45.0	148.8	11.84	12.41	11.81	11.21
					OFF 253	31.0	154.6	11.84	12.31	11.71	11.11
6	4	1	131	346.5	ON 253	65.1	60.2	11.84	12.42	11.82	11.22
					OFF 253	65.2	119.9	11.84	12.42	11.82	11.22
8	6	1	14	37.0	ON 253	43.1	30.5	11.84	12.40	11.80	11.20
					OFF 253	45.5	31.7	11.84	12.41	11.81	11.21
8	6	2	60	158.7	ON 253	54.6	38.8	11.84	12.42	11.82	11.22
					OFF 253	63.0	52.7	11.84	12.42	11.82	11.22
9	3	0	15	39.7	ON 253	-18.9	22.4	11.84	0.00	0.00	0.00
					OFF 253	-16.1	22.1	11.84	0.00	0.00	0.00
9	3	1	31	82.0	ON 253	28.6	28.0	11.84	12.28	11.68	11.08
					OFF 253	34.2	28.3	11.84	12.34	11.74	11.14
9	3	2	12	31.7	ON 253	63.4	53.3	11.84	12.42	11.82	11.22
					OFF 253	64.9	57.6	11.84	12.42	11.82	11.22
10	3	1	39	103.2	ON 253	69.1	91.8	11.84	12.42	11.82	11.22
					OFF 253	67.6	111.3	11.84	12.42	11.82	11.22
11	4	1	32	84.6	ON 253	67.8	110.6	11.84	12.42	11.82	11.22
					OFF 253	64.9	123.6	11.84	12.42	11.82	11.22
13	8	1	42	111.1	ON 253	46.6	149.5	11.84	12.42	11.82	11.22
					OFF 253	39.1	153.3	11.84	12.38	11.78	11.18
14	9	1	48	127.0	ON 253	32.2	155.8	11.84	12.32	11.72	11.12
					OFF 253	23.3	157.7	11.84	12.17	11.57	10.97

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16	9	8	13	34.4	ON	277	69.5	77.6	11.97	12.42	11.82	11.22
					OFF	277	69.9	84.3	11.97	12.42	11.82	11.22
19	8	1	33	87.3	ON	253	45.6	29.5	11.84	12.41	11.81	11.21
					OFF	253	51.3	32.9	11.84	12.42	11.82	11.22
28	3	2	12	31.7	ON	277	52.8	147.2	11.97	12.42	11.82	11.22
					OFF	277	49.9	148.8	11.97	12.42	11.82	11.22
28	3	3	13	34.4	ON	277	33.6	156.3	11.97	12.34	11.74	11.14
					OFF	277	31.2	157.8	11.97	12.31	11.71	11.11
22	5	1	68	158.7	ON	289	66.1	54.5	12.83	12.42	11.82	11.22
					OFF	289	78.4	79.2	12.83	12.42	11.82	11.22
24	5	1	15	39.7	ON	277	42.8	27.3	11.97	12.48	11.88	11.28
					OFF	277	45.3	28.3	11.97	12.41	11.81	11.21
24	5	2	186	288.4	ON	277	55.1	35.8	11.97	12.42	11.82	11.22
					OFF	277	68.4	61.9	11.97	12.42	11.82	11.22
25	9	1	14	37.8	ON	381	69.8	69.3	12.88	12.42	11.82	11.22
					OFF	381	78.5	75.6	12.88	12.42	11.82	11.22
25	9	2	47	124.3	ON	381	47.8	151.8	12.88	12.42	11.82	11.22
					OFF	381	39.8	155.2	12.88	12.39	11.79	11.19
26	2	1	29	76.7	ON	381	52.7	148.1	12.88	12.42	11.82	11.22
					OFF	381	48.4	151.1	12.88	12.42	11.82	11.22
27	8	1	16	42.3	ON	241	43.5	26.9	11.76	12.41	11.81	11.21
					OFF	241	46.4	28.2	11.76	12.42	11.82	11.22
29	8	1	78	185.1	ON	241	58.8	158.3	11.76	12.42	11.82	11.22
					OFF	241	37.6	156.6	11.76	12.37	11.77	11.17
38	5	1	77	283.7	ON	388	55.3	146.9	12.88	12.42	11.82	11.22
					OFF	388	43.9	154.4	12.88	12.41	11.81	11.21
32	7	8	14	37.8	ON	388	71.3	73.6	12.88	12.42	11.82	11.22
					OFF	388	71.9	88.9	12.88	12.42	11.82	11.22
34	5	1	38	79.3	ON	253	45.8	26.1	11.84	12.41	11.81	11.21
					OFF	253	58.4	28.8	11.84	12.42	11.82	11.22
35	5	1	44	116.4	ON	253	52.7	38.1	11.84	12.42	11.82	11.22
					OFF	253	68.2	37.4	11.84	12.42	11.82	11.22
36	7	1	69	182.5	ON	289	37.8	157.8	12.83	12.37	11.77	11.17
					OFF	289	26.4	168.5	12.83	12.24	11.64	11.84
37	7	1	24	63.5	ON	289	61.3	142.8	12.83	12.42	11.82	11.22
					OFF	289	57.8	146.3	12.83	12.42	11.82	11.22
37	7	2	19	58.3	ON	289	51.2	151.9	12.83	12.42	11.82	11.22
					OFF	289	48.2	153.7	12.83	12.42	11.82	11.22
37	7	3	66	174.6	ON	289	45.4	155.1	12.83	12.41	11.81	11.21
					OFF	289	34.6	158.9	12.83	12.35	11.75	11.15
37	7	4	18	47.6	ON	289	29.9	168.8	12.83	12.29	11.69	11.89
					OFF	289	26.9	168.6	12.83	12.25	11.65	11.85
38	3	1	14	37.8	ON	289	54.9	31.8	12.83	12.42	11.82	11.22
					OFF	289	57.1	33.8	12.83	12.42	11.82	11.22
38	3	2	53	148.2	ON	289	72.9	95.1	12.83	12.42	11.82	11.22
					OFF	289	69.8	121.8	12.83	12.42	11.82	11.22
38	3	3	51	134.9	ON	289	59.5	144.8	12.83	12.42	11.82	11.22
					OFF	289	51.8	151.7	12.83	12.42	11.82	11.22
39	6	1	13	34.4	ON	289	55.2	31.8	12.83	12.42	11.82	11.22
					OFF	299	57.3	32.9	12.83	12.42	11.82	11.22
39	6	2	13	34.4	ON	289	64.5	42.7	12.83	12.42	11.82	11.22

				OFF 289	66.2	46.4	12.83	12.42	11.82	11.22	
39	6	3	32	84.6	ON 289	78.6	61.5	12.83	12.42	11.82	11.22
				OFF 289	72.7	78.4	12.83	12.42	11.82	11.22	
40	8	1	80	211.6	ON 278	57.8	32.3	11.97	12.42	11.82	11.22
				OFF 278	68.8	58.7	11.97	12.42	11.82	11.22	
41	5	1	33	87.3	ON 278	64.5	41.8	11.97	12.42	11.82	11.22
				OFF 278	68.7	52.1	11.97	12.42	11.82	11.22	
42	3	1	52	137.5	ON 313	72.3	118.5	12.14	12.42	11.82	11.22
				OFF 313	67.9	131.8	12.14	12.42	11.82	11.22	
43	9	1	38	79.3	ON 278	42.8	23.5	11.97	12.48	11.88	11.28
				OFF 278	47.9	25.5	11.97	12.42	11.82	11.22	
43	9	2	28	52.9	ON 278	73.2	182.8	11.97	12.42	11.82	11.22
				OFF 278	72.8	114.4	11.97	12.42	11.82	11.22	
44	4	1	35	92.6	ON 254	44.8	24.8	11.84	12.41	11.81	11.21
				OFF 254	51.3	27.8	11.84	12.42	11.82	11.22	
47	2	1	28	52.9	ON 382	72.3	63.7	12.89	12.42	11.82	11.22
				OFF 382	73.5	74.3	12.89	12.42	11.82	11.22	
50	4	1	55	145.5	ON 266	42.6	22.1	11.91	12.48	11.88	11.28
				OFF 266	52.3	26.2	11.91	12.42	11.82	11.22	
50	4	2	18	26.5	ON 266	68.2	32.6	11.91	12.42	11.82	11.22
				OFF 266	61.9	34.6	11.91	12.42	11.82	11.22	
53	3	1	51	134.9	ON 382	69.2	47.8	12.89	12.42	11.82	11.22
				OFF 382	73.9	69.1	12.89	12.42	11.82	11.22	
54	4	1	38	188.5	ON 298	55.7	27.4	12.83	12.42	11.82	11.22
				OFF 298	61.5	32.8	12.83	12.42	11.82	11.22	
54	4	2	98	259.2	ON 298	66.3	39.8	12.83	12.42	11.82	11.22
				OFF 298	75.1	84.8	12.83	12.42	11.82	11.22	
55	4	1	11	29.1	ON 287	55.2	26.8	12.82	12.42	11.82	11.22
				OFF 287	57.1	28.2	12.82	12.42	11.82	11.22	
55	4	2	85	224.8	ON 287	62.1	33.1	12.82	12.42	11.82	11.22
				OFF 287	72.7	59.2	12.82	12.42	11.82	11.22	
56	5	1	62	164.8	ON 276	55.2	26.6	11.96	12.42	11.82	11.22
				OFF 276	65.8	36.8	11.96	12.42	11.82	11.22	
57	4	1	31	82.8	ON 287	66.8	38.8	12.82	12.42	11.82	11.22
				OFF 287	78.1	47.3	12.82	12.42	11.82	11.22	
59	2	1	24	63.5	ON 252	72.3	126.2	11.83	12.42	11.82	11.22
				OFF 252	69.8	136.8	11.83	12.42	11.82	11.22	
60	2	1	28	52.9	ON 299	53.8	155.7	12.88	12.42	11.82	11.22
				OFF 299	58.6	157.5	12.88	12.42	11.82	11.22	
61	8	1	56	148.1	ON 299	61.8	158.3	12.88	12.42	11.82	11.22
				OFF 299	52.5	156.7	12.88	12.42	11.82	11.22	
63	9	1	38	188.5	ON 299	72.7	52.4	12.88	12.42	11.82	11.22
				OFF 299	75.7	72.7	12.88	12.42	11.82	11.22	
66	6	1	37	97.9	ON 276	48.8	28.6	11.96	12.42	11.82	11.22
				OFF 276	54.5	23.5	11.96	12.42	11.82	11.22	
68	6	1	47	124.3	ON 276	68.7	27.5	11.96	12.42	11.82	11.22
				OFF 276	68.1	37.1	11.96	12.42	11.82	11.22	
69	4	1	65	171.9	ON 299	67.3	35.2	12.88	12.42	11.82	11.22
				OFF 299	75.1	59.6	12.88	12.42	11.82	11.22	
69	4	2	26	68.8	ON 299	77.2	89.9	12.88	12.42	11.82	11.22
				OFF 299	76.5	188.7	12.88	12.42	11.82	11.22	