

# SECRET SLURB COVERER PERFORMANCE

14 00020140

PROGRAM FLIGHT NO.	VEHICLE NUMBER	THOR NUMBER	DD 250 NUMBER	MISSION NUMBER	INSTR. TYPE	INSTR. NUMBER	SRV NUMBER	INSTR. RECEIVED A/P	SHIP BASE	WKS A/P	DYS A/P	TOTAL WEEKS IN FLIGHT	POUNDS PAYLOAD WEIGHT FLOWN	FLIGHT DATE	POUNDS PAYLOAD WEIGHT TRANSFERRED	RECOVERY DATE	SUMMARY
1	1022	163												2/28/59			NO CAPSULE FLOWN
2	1018	170			BIO.									4/13/59			CAPSULE EJECTED OVER SPITZENBERGEN 4/13/59.
3	1020	174			BIO.									6/3/59			AGENA FAILED TO ORBIT.
4	1023	179	002	9001	C	4	102	5/5/59	5/29/59	3-3	7-2	16	6/25/59	0	NO ORBIT	AGENA FAILED TO ORBIT.	
5	1029	192	004	9003	C	7	111	6/5/59	7/23/59	6-6	9-6	20	8/13/59	0.405		LOW TEMPERATURES. NOT RECOVERED. INSTRUMENT FAILED ON REV. (1).	
6	1028	200	003	9002	C	6	105	5/18/59	6/3/59	2-2	13-2	16	8/19/59	0.108		RETRO-ROCKET MALFUNCTION. NOT RECOVERED. INSTRUMENT FAILED ON REV. (2).	
7	1051	206	006	9004	C	10	109	6/24/59	7/23/59	4-1	19-3	10	11/7/59	0	NO ORBIT	AGENA FAILURE. NO ORBIT.	
8	1050	212	007	9005	C	9	107	7/25/59	11/7/59	15-0	16-6	10	11/20/59	0		ECCENTRIC ORBIT. WRONG ALTITUDE. INSTRUMENT FAILURE. NOT RECOVERED.	
9	1052	218	008	9006	C	8	113	6/28/59	1/10/60	28-0	31-4	10	2/4/60	0	NO ORBIT	AGENA FAILED TO ORBIT.	
10	1054	223	009	9007	C	13	110	12/7/59	2/4/60	8-3	10-4	10	2/19/60	0	NO ORBIT	AGENA FAILED TO ORBIT.	
11	1055	234	010	9008	C	14	103	1/11/60	2/24/60	6-2	13-3	16	4/15/60	16		SPIN ROCKET FAILURE. NOT RECOVERED. INSTRUMENT OPERATION O.K.	
12	1053	DIAGNOSTIC	014	N/A	N/A	5							6/29/60	0	NO ORBIT	AGENA FAILED TO ORBIT. DIAGNOSTIC.	
13	1057	DIAGNOSTIC	012	N/A	N/A	12							8/10/60	0	8/11/60	SUCCESSFUL WATER PICK-UP. DIAGNOSTIC.	
14	1056	237	011	9009	C	3	101	1/28/60	3/28/60	8-4	29-0	20	8/18/60	20	8/18/60	SUCCESSFUL AIR CATCH. INSTRUMENT OPERATION O.K.	
15	1058	246	013	9010	C	11	106	2/22/60	8/28/60	28-3	29-1	20	9/13/60	20		VEHICLE PITCH ATTITUDE IMPROPER AT RE-ENTRY. CAPSULE BURN BEFORE RECOVERY. INSTRUMENT OPERATION O.K.	
16	1061	253	015	9011	C'	15	506	6/6/60	9/17/60	14-5	20-2	20	10/26/60	0	NO ORBIT	D-TIMER MALFUNCTION. AGENA FAILED TO ORBIT.	
17	1062	297	016	9012	C'	17	507	9/12/60	10/17/60	5-0	9-6	39	11/20/60	17 LEADER	11/22/60	SUCCESSFUL AIR CATCH. PAYLOAD BROKE. T/M NO. 34	
18	1103	296	017	9013	C'	19	508	10/9/60	10/29/60	2-6	8-3	39	12/7/60	39	12/10/60	SUCCESSFUL AIR CATCH. INSTRUMENT OPERATION O.K. T/M NO. 4	
19	1101	258	N/A	N/A	N/A	N/A	N/A						12/20/60	0		NO SRV INSTALLED. (RM-1 PAYLOAD)	
20	1104	299	018	9014A	A	3	520	10/18/60	10/21/60	9-1	17-3	39	2/17/61	39		ORBITAL PROGRAMMER FAILED AT REV. (31). INSTRUMENT FAILED. STILL IN SPACE. NO SHUTTER FIRING.	
21	1102	261	N/A	N/A	N/A	N/A	N/A						2/18/61	0		NO SRV INSTALLED. (RM-2 PAYLOAD)	
22	1105	300	019	9015	C'	18	509	2/21/61	3/28/61	5-0	5-2	39	3/30/61	0	NO ORBIT	AGENA FAILURE. NO ORBIT. T/M NO. 39	
23	1106	307	020	9016A	A	4	521	11/30/60	3/16/61	15-1	18-3	39	4/9/61	39		RECOVERY WAS ATTEMPTED ON REV. (31) DUE TO LOSS OF CONTROL GAS. STILL IN SPACE. INSTRUMENT OPERATION O.K.	
24	1108	302	022	9018A	A	8	541	4/3/61	5/25/61	7-3	9-3	39	6/8/61	0	NO ORBIT	AGENA FAILURE. POWER FAILURE AND GUIDANCE PROBLEM CAUSING OCEAN IMPACT.	
25	1107	306	021	9017	C'	16	510	3/7/61	4/17/61	5-6	14-3	39	6/16/61	39	6/18/61	SUCCESSFUL WATER PICK-UP.	
26	1109	308	023	9019	C'	20	511	10/18/60	5/15/61	29-6	37-3	39	7/7/61	28.78	7/9/61	SUCCESSFUL AIR CATCH. INSTRUMENT FAILED ON REV. (32)	
27	1110	322	024	9020A	A	7	524	4/4/61	6/24/61	11-3	15-3	39	7/21/61	0	NO ORBIT	NO ORBIT. THOR GUIDANCE DESTRUCT.	
28	1111	309	025	9021	C'	21	512	11/13/60	5/20/61	26-6	37-3	39	8/2/61	0	NO ORBIT	AGENA GUIDANCE FAILURE.	
29	1112	323	027	9023	C'''	54	554	6/23/61	8/17/61	7-6	9-5	39	8/30/61	39	9/1/61	RECOVERY ON REV. (32). INSTRUMENT O.K.	
30	1113	310	026	9022	C'''	53	551	5/29/61	7/17/61	7-0	15-1	39	9/12/61	39	9/14/61	SUCCESSFUL AIR CATCH. RECOVERY ON REV. (33).	
31	1114	324	029	9024	C'''	55	552	5/22/61	8/23/61	13-2	16-5	39	9/16/61	20	NO SEPARATION	SUCCESSFUL ORBIT. POWER FAILURE BEFORE RECOVERY PRECLUDED THE EVENT. INSTRUMENT O.K. (INST. GHT AT 400 CYCLE FAILURE).	
32	1115	328	032	9025	C'''	56	555	8/9/61	9/14/61	5-1	9-2	39	10/13/61	12.4	10/14/61	SUCCESSFUL AIR CATCH. SUSPECT AGENA POWER PROBLEMS. HAD TO ATTEMPT RECOVERY ON REV. (35).	
33	1116	329	028	9026	C'	22	513	3/16/61	7/20/61	18-0	31-4	39.5	10/23/61	0	NO ORBIT	SECOND STAGE (AGENA) FAILED. WENT INTO SEA AFTER TAKE-OFF.	
34	1117	330	033	9027	C'	24	553	5/22/61	9/26/61	18-1	23-6	39	11/5/61	39		SUCCESSFUL ORBIT. DUE TO GAS VALVE FAILURE, NO RECOVERY MADE. STILL IN SPACE. INSTRUMENT OPERATION O.K.	
35	1118	326	037	9028	C'	25	523	8/30/61	10/18/61	7-0	11-0	39	11/15/61	13	11/16/61	ONE DAY OPERATION DUE TO SHORTAGE OF CONTROL GAS. INSTRUMENT OPERATION O.K. RECOVERY BUCKET RE-USED.	
36	1119	325	039	9029	C'''	52	525	11/10/61	11/27/61	2-3	4-4	38.2	12/12/61	38.2	12/16/61	SUCCESSFUL ORBIT RECOVERED ON REV. (34). SUCCESSFUL WATER PICK-UP. INSTRUMENT OPERATION O.K.	
37	1120	327	040	9030	C'''	57	571	11/18/61	12/19/61	4-5	8-2	38.6	1/13/62	0	NO ORBIT	AGENA FAILURE. NO ORBIT.	

Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997

# SECRET



## PROGRAM PERFORMANCE

PROG FLY NO.	VEH NO.	THOR NO.	DD ESO NO.	MSSM NO.	INSTR TYPE	INSTR. NO.	SPV NO.	T/M NO.	S/I NO.	S/I T/U CASST	SUPPLY CASB.	MAIN T/U CASST	ORCS NO.	INSTR RECD A/P	SHP TO BASE	WKS-DYS AT A/P	TOYAL WEERS UNTIL FLT	POUNDS PAYLOAD WEIGHT FLOWN	FLIGHT DATE	POUNDS PAYLOAD WEIGHT TRANSF.	NO OF ORBITS	RECOVERY DATE	SUMMARY
78	1804	385	093	1005	J-6A	146-147	618	120	D-28	T/J-24	S/C-10	T-15	513	1/16/64	4/10/64	12-0	14-3	78.4	4/27/64	0	0	—	SUCCESSFUL LAUNCH & ORBIT. NO POWER FROM AGENA DUE TO PYRO BUSS FAILURE. SLAVE INSTR FAILED DUE TO FILM MATERIAL BREAKAGE.
	1804	385	093	1005	J-9B	146-147	635	121	D-40	T/J-26	S/C-10	T-26	513	1/16/64	4/10/64	12-0	14-3	78.4	4/27/64	0	0	—	
79	1176	403	094	1006	J-9A	148-149	638	107	D-45	T/J-14	S/C-11	T-21	508	1/27/64	4/28/64	12-5	18-2	78.5	6/4/64	78.5	65	6/8/64	SUCCESSFUL AIR RECOVERY. SECOND DOOR STUCK FOR 2 ORBITS. INSTRUMENT OPERATION GOOD.
	1176	403	094	1006	J-9B	148-149	639	104	D-48	T/J-30	S/C-11	T-30	508	1/27/64	4/28/64	12-5	18-2	78.5	6/4/64	78.5	128	6/12/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
80	1808	408	096	9085	A-21	21	661	61	N/A	N/A	N/A	N/A	525	3/5/64	6/2/64	12-5	14-2	39.6	6/13/64	39.6	96	6/19/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD. CLOUD COVERAGE 80-70%.
81	1809	410	095	1007	J-7A	144-145	634	102	D-43	T/U-11	S/C-9	T-11	505	2/30/63	5/13/64	19-1	24-3	80.1	6/19/64	80.1	65	6/23/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD. RESOLUTION GOOD.
	1809	410	095	1007	J-7B	144-145	635	110	D-54	T/J-16	S/C-9	T-16	509	2/30/63	5/13/64	19-1	24-3	78.9	6/19/64	78.9	128	6/27/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
82	1177	404	087	1008	J-10A	150-151	640	109	D-46	T/J-18	S/C-12	T-31	514	2/27/64	5/19/64	11-4	19-0	80.1	7/10/64	80.1	49	7/13/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
	1177	404	087	1008	J-10B	150-151	641	112	D-53	T/J-9	S/C-12	T-14	514	2/27/64	5/19/64	11-4	19-0	80.2	7/10/64	80.2	112	7/17/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
83	1808	413	098	1009	J-12A	154-155	646	136	D-56	T/U-23	S/C-15	T-37	517	3/30/64	6/26/64	12-4	18-2	79.2	8/5/64	69.5	49	8/8/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD. AGENA BEACON PROBLEM.
	1808	413	098	1009	J-12B	154-155	647	118	D-38	T/J-34	S/C-15	T-34	517	3/30/64	6/26/64	12-4	18-2	79.4	8/5/64	79.4	128	8/13/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
84	1803	412	099	9088	A-22	22	667	71	N/A	N/A	N/A	N/A	526	4/9/64	8/4/64	18-0	20-3	39.4	8/21/64	39.4	96	8/27/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD. CLOUD COVERAGE 80%.
85	1178	406	100	1010	J-11A	152-153	644	113	D-41	T/J-27	S/C-26	T-27	510	3/12/64	7/14/64	17-5	26-3	80.5	9/14/64	80.5	65	9/18/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
	1178	406	100	1010	J-11B	152-153	652	118	D-44	T/J-39	S/C-26	T-44	510	3/12/64	7/14/64	17-5	26-3	81.5	9/14/64	81.5	144	9/23/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
86	1170	421	105	1011	J-03A	160-161	653	119	D-30	T/U-22	S/C-16	T-49	518	6/25/64	8/21/64	12-1	18-2	78.9	10/3/64	80.0	65	10/9/64	SUCCESSFUL AIR RECOVERY. INSTRUMENT OPERATION GOOD.
	1170	421	105	1011	J-03B	160-161	654	131	D-57	T/J-8	S/C-16	T-20	518	6/25/64	8/21/64	12-1	18-2	78.7	10/3/64	69.3	—	—	VEH. BATTERY DROPPED TO 10.8 VOLTS. ATTEMPTED REC'Y ON 112 REVOLUTIONS. NO SEPARATION FROM AGENA.
87	1179	418	107	1012	J-13A	156-157	651	117	D-51	T/U-20	S/C-5	T-43	507	3/30/64	7/30/64	17-3	28-5	79.7	10/17/64	69.3	49	10/20/64	SUCCESSFUL AIR RECOVERY. INSTR. OPERATION GOOD. BEACON PROBLEM ON AGENA. S/I FAILURE.
	1179	418	107	1012	J-13B	156-157	645	114	D-46	T/J-32	S/C-5	T-32	507	3/30/64	7/30/64	17-3	28-5	79.7	10/17/64	38.5	81	10/22/64	GUIDANCE PROBLEM ON AGENA REQUIRING LIFEBOAT REC'Y. 48% PAYLOAD RETRIEVED. WATER IMPACT DUE TO WEATHER.
88	1173	420	108	1013	J-15A	158-159	656	127	D-52	T/U-27	S/C-20	T-55	519	4/17/64	9/16/64	21-5	28-3	79.2	11/2/64	59.4	65	11/6/64	SUCCESSFUL AIR REC'Y. INSTR'S FAILED ON PASS NO. 62. 616 CYCLES UNPROGRAMMED ON REV. 1. S/I OPER. NORMAL.
	1173	420	108	1013	J-15B	158-159	657	133	D-47	T/J-36	S/C-20	T-40	519	4/17/64	9/16/64	21-5	28-3	79.1	11/2/64	0	81	11/7/64	SUCCESSFUL AIR RECOVERY. MISSION TERMINATED ON PASS NUMBER 52. S/I OPERATION NORMAL.
89																							