SECTION 2 - CHARTS & TABLES

TABLE 2-I
(4/16)

SUIT WEARING SCHEDULE

ACTIVITY	PRESSURIZED (HARD SUIT)	SUITED (SOFT SUIT)	PARTIAL SUIT WITH-OUT HELMET & GLOVES	SHIRTSLEEVES (ICG)
LAUNCH		ALL		
EARTH ORBIT THRU S-IVB EVASIVE MNVR			ALL	
TLC & TEC EXCEPT TEC EVA				ALL
PGA TEST			ALL	
LM ACTIVATION			ALL	
UNDOCKING		CDR & LMP	CMP*	
UNDOCK +5MIN THRU CIRC			ALL	
PDI thru TD		CDR & LMP	CMP	
LUNAR STAY EXCEPT EVA				ALL
LUNAR SURFACE EVA'S & EQUIP JETT	CDR & LMP			CMP
LIFT-OFF PREP			ALL	
LIFT-OFF THRU DOCKING		CDR & LMP	CMP	
DOCKING TO LM JETT			ALL	
LM JETT		ALL		
POST LM JETT THRU TEI				ALL
TEC EVA	ALL			
ENTRY				ALL

*CMP DON HELMET & GLOVES FOR DOCKING LATCHES RELEASE.

TABLE 2-2

3/6/72

CREW BIOMED HARNESS WEARING SCHEDULE*

(4/16)

GET(HR:MIN)	CDR	CMP	LMP
Prelaunch	on	on	on
14:37	off	off	
24:55	on		off
37:20	off	on	
45:58		off	on
55:50	on		off
67:44	off	on	
79:50		off	on
93:10	on		
93:23		on	
110:45	off**		
122:35	on		
133:13			off**
146:25			on
156:55	off**		
169:05	on		
177:47	off	off	
191:02	on		off
200:55	off	on	
212:29		off	on
223:57	on		off
240:52		on	on
242:22		off	off
251:54	off		on
260:35		on	off
273:40	on	off	
284:15		on	on

*In the event of an inflight medical problem or illness the Flight Surgeon has the option to revise this schedule.

**Crew option - the Crewman not on BIOMED data downlink may elect to remove his BIOMED Harness during the lunar surface rest periods.

CSM COVERAGE BY MSFN STATIONS USING 85 FT/210 FT DISH/ANTENNA

	GOLDSTONE (GDS)		PARKS (PKS)		HONEYSUCKLE (HSK)		MADRID (MAD)	
	AOS	LOS	AOS	LOS	AOS	LOS	AOS	LOS
EARTH ORBIT					01:00	01:05		
	01:29	01:33						
TLI (2:30)	02:50	14:01						
					08:40	17:38		
							15:58	31:14
	24:03	38:34						
TRANSLUNAR COAST					33:06	42:25		
							40:36	55:24
	48:28	62:41						
					57:10	66:39		
							64:50	74:18
LOI (74:29)	74:50	76:15						
TEI (220:20)	222:31	233:29						
							222:31	225:57
					227:57	240:34		
							239:02	249:46
TRANSEARTH COAST	246:31	257:20						
					251:52	264:48		
							253:23	273:29
	270:58	280:59						
					275:48	290:18		
EI (290:23)								

TABLE 2-3 (CONT)
(4/16)

CSM COVERAGE BY MSFN STATIONS USING 85 FT/210 FT DISH ANTENNA

REV	GET AT END OF REV	GOLDSTONE (GDS)		PARKS (PKS)		HONEYSUCKLE (HSK)		MADRID (MAD)	
LOI	74:29	AOS	LOS	AOS	LOS	AOS	LOS	AOS	LOS
1	76:40	74:50	76:15					74:51	76:15
2	78:48	76:59	78:24					76:59	78:24
3	80:42	79:11	80:16					79:11	79:28
4	82:36	81:05	82:10			81:16	82:10		
5	84:30	82:59	84:04			82:59	84:04		
6	86:24	84:53	85:39			84:53	85:58		
7	88:18	86:47	86:58			86:47	87:52		
8	90:12					88:41	89:46	89:29	89:45
9	92:06					90:35	91:23	90:35	91:40
10	94:00							92:28	93:34
11	95:54							94:22	95:28
12	97:48							96:17	97:22
13	99:47	98:09	99:21					98:09	99:21
14	101:45	100:07	101:19					100:08	101:20
15	103:44	102:06	103:18					102:06	103:18
16	105:42	104:04	105:17						
17	107:41	106:03	107:15			106:03	107:15		
18	109:39	108:02	109:14			108:01	109:13		
19	111:38	110:00	111:12			110:00	111:12		
20	113:36					111:59	113:11		
21	115:35					113:57	115:09	114:36	115:09
22	117:33					115:56	116:26	116:56	117:07
23	119:32							117:22	119:06
24	121:30							119:52	121:35
25	123:29	122:36	123:03					121:51	123:03
26	125:27	123:49	125:01					123:49	125:02
27	127:26	125:48	126:07					125:48	127:00
28	129:24	127:46	128:09					127:46	128:32
29	131:22	129:45	130:57			130:24	130:57		
30	133:21	131:43	132:56			131:43	132:55		
31	135:19	133:42	134:54			133:42	134:54		
32	137:18	135:40	136:06			135:40	136:53		
33	139:16					137:39	138:20		
34	141:15					139:38	140:50	139:38	140:49
35	143:13							141:36	142:48
36	145:12							143:34	144:46
37	147:10							145:33	146:45
38	149:09	147:34	148:43					147:31	148:43
39	151:07	149:29	150:42					149:30	150:42
40	153:06	151:28	152:40					151:28	152:29

CSM COVERAGE BY MSFN STATIONS USING 85 FT/210 FT DISH ANTENNA

REV	GET AT END OF REV	GOLDSTONE (GDS)		PARKS (PKS)		HONEYSUCKLE (HSK)		MADRID (MAD)	
LOI	74:29	AOS	LOS	AOS	LOS	AOS	LOS	AOS	LOS
41	155:04	153:27	154:39					152:29	152:41
42	157:03	155:25	156:38			155:25	156:37		
43	159:01	157:24	158:36			157:24	158:36		
44	161:00	159:22	160:32			159:22	160:35		
45	162:59					161:21	162:33		
46	164:57					163:19	164:32		
47	166:55					165:18	166:28	165:17	166:30
48	168:54							167:16	168:28
49	170:52							169:14	170:27
50	172:50							171:13	172:25
51	174:49	173:11	174:23					173:12	174:24
52	176:47	175:10	176:22					175:10	176:23
53	178:46	177:08	178:21					177:09	177:18
54	180:45	179:07	180:20			179:16	180:19		
55	182:43	181:06	182:18			181:06	182:18		
56	184:42	183:05	184:17			183:04	184:16		
57	186:40					185:03	186:15		
58	188:39					187:02	188:14		
59	190:38					189:01	190:13		
60	192:37					190:59	191:23	190:58	192:11
61	194:35							192:57	194:10
62	196:33							194:56	196:08
63	198:32							196:54	198:07
64	200:31	197:30	198:07					198:53	200:06
65	202:29	198:53	200:05					200:52	201:40
66	204:28	200:51	202:04			203:41	204:03		
67	206:26	202:50	204:03			204:49	206:01		
68	208:25	206:48	208:00			206:47	208:00		
69	210:24	208:46	209:20			208:46	209:57		
70	212:22					210:45	211:57		
71	214:21					212:43	213:56		
72	216:19					214:42	215:55	214:42	215:54
73	218:20							216:40	217:55
74	220:20							218:41	219:55
75	222:20							220:41	221:56
TEI	222:20								

TABLE 2-4
(4/16)

APOLLO 16 TV SCHEDULE

DAY	DATE	CST	GET (HR:MIN)	DURATION (HR:MIN)	ACTIVITY SUBJECT	VEHICLE	STATION
SUNDAY	16 APRIL	3:03 PM	3:09	0:19	TRANSPOSITION & DOCKING	CSM	GDS
THURSDAY	20 APRIL	6:19 PM	102:25	6:47	LUNAR SURFACE EVA-1*	LM/LRV	GDS
FRIDAY	21 APRIL	5:04 PM	125:10	6:35	LUNAR SURFACE EVA-2*	LRV	GDS
SATURDAY	22 APRIL	4:40 PM	148:45	8:04	LUNAR SURFACE EVA-3* & EQUIP JETT #1	LRV	GDS
SUNDAY	23 APRIL	2:02 PM	170:08	0:12	EQUIP JETT #2	LRV	MAD
SUNDAY	23 APRIL	3:24 PM	171:30	0:25	LM LIFT-OFF	LRV	MAD
SUNDAY	23 APRIL	5:16 PM	173:20	0:06	RENDEZVOUS	CSM	GDS
SUNDAY	23 APRIL	5:40 PM	173:46	0:05	DOCKING	CSM	GDS
WEDNESDAY	26 APRIL	1:49 PM	241:55	1:10	TRANSEARTH EVA	CSM	MAD

*TV will not be used while LRV is in [illegible]ion.

TABLE 2-5

(4/16)

FUEL CELL PURGE, URINE DUMP AND WASTE WATER DUMP SCHEDULE

GET	O_2 FUEL CELL PURGE		WASTE H_2O DUMP		URINE DUMP		H_2 FUEL CELL PURGE	
(HR:MIN)	NO	ΔT (HR:MIN)	NO	ΔT (HR:MIN)	NO	ΔT (HR:MIN)	NO	ΔT (HR:MIN)
11:15	1	11:15	1	11:15				
30:20	2	19:05	2	19:05			1	30:20
53:00	3	22:40	3	22:40				
76:23	4	23:23	4	23:23	1	06:43	2	46:03
99:25	5	23:02	5	23:02	2	23:02		
119:12	6	19:47	6	19:47	3	19:47	3	42:49
130:59			7	11:47	4	11:47		
150:44	7	31:32	8	19:45	5	19:45		
170:29	8	19:45	9	19:45	6	19:45	4	51:17
192:25	9	21:56	10	21:56	7	21:56		
216:06	10	23:41	11	23:41	8	23:41	5	45:37
239:00	11	22:54	12	22:54	9	22:54		
264:30	12	25:30	13	25:30	10	25:30	6	48:24

TABLE 2-6

CSM BATTERY CHARGE AND LM BATTERY MANAGEMENT SCHEDULES

(4/16)

CSM BATTERY CHARGE SCHEDULE

GET (HR:MIN)	BATTERY
4:33	B
23:05	A
30:50 (IF MCC 2 IS PERFORMED)	A
48:36	B
118:55	B
142:00	A
193:48	B
211:37	A
239:30	B
268:30	A

LM BATTERY MANAGEMENT SCHEDULE

GET (HR:MIN)	BATTERY						
	1	2	3	4	5	6	L
93:50	ON	ON	ON	ON	OFF	OFF	OFF
94:50					ON	ON	
94:56					OFF	OFF	
98:05					ON	ON	
98:55					OFF	OFF	
99:21	OFF	OFF					LMP
110:25	ON	ON	OFF	OFF			CDR
123:13			ON	ON			OFF
132:50	OFF	OFF					LMP
146:50	ON	ON	OFF	OFF			CDR
156:45			ON	ON			OFF
171:09	OFF		OFF		ON	ON	
171:31		OFF		OFF			

L - LUNAR BATTERY MAY BE USED ON EITHER CDR OR LMP BUS

TABLE 2-7
(4/16)

LiOH CANISTER CHANGE SCHEDULE

CSM LiOH CANISTER CHANGE

CHANGE NO	APPROX GET (HR:MIN)	APPROX ΔT (HR)	INSTALL		REMOVE & STOW	
			CANISTER NO.	POSITION	CANISTER NO.	STOWAGE LOCATION
1	12:08	12	3	A	1	B5
2	24:30	13	4	B	2	B5
3	37:00	12	5	A	3	B5
4	48:37	9	6	B	4	B5
5	57:30	14	7	A	5	B6
6	71:05	11	8	B	6	B6
7	81:54	12	9	A	7	B6
8	93:25	27	10	B	8	B6
9	120:35	24	11	A	9	A9
10	144:52	23	12	B	10	A9
11	167:29	11	13	A	11	A9
12	178:25	12	15	B	12	A3
13	189:59	12	16	A	13	A3
14	202:01	13	17	B	15	A3
15	215:00	9	18	A	16	A3
16	224:11	15	19	B	17	A4
17	238:45	13	20	A	18	A4
18	251:58	12	21	B	19	A4
19	264:18	10	22	A	20	A4
20	273:57	10	23	B	21	A5
21	284:20		24	A	22	A5

NOTE: CSM LiOH CANISTER #14 IS NOT USED. IT IS TRANSFERRED TO THE LM AFTER DOCKING TO PROVIDE ROOM FOR AN SRC.

LM LiOH CANISTER CHANGE: GET (HR:MIN) 122:55 AND 157:05

TABLE 2-8

(4-16)

CSM RCS UNCOUPLED CONFIGURATION

FROM (HR:MIN)	TO (HR:MIN)	REASON
13:20	13:40	RATE DAMPING FOR PTC
35:45	36:05	RATE DAMPING FOR PTC
56:05	56:25	RATE DAMPING FOR PTC
79:43	92:24	SIM EXP
100:57	150:26	SIM EXP
152:34	167:14	SIM EXP
178:49	191:58	SIM EXP
193:33	216:22	SIM EXP & SOLAR CORONA
217:42	218:11	SIM EXP
222:32	226:50	SIM EXP
226:50	227:10	RATE DAMPING FOR PTC
237:45	239:10	SIM EXP
241:20	244:03	CSM EVA
245:05	251:32	SIM EXP
251:33	251:53	RATE DAMPING FOR PTC
260:50	261:05	MNVR & RATE DAMPING FOR SUPER GAL AUX PTC
264:00	264:15	MNVR & RATE DAMPING FOR ECLIPTIC AUX PTC
267:00	270:00	SCO X-1
270:10	273:15	SKYLAB CONTAMINATION
273:15	275:50	CYG X-1
275:50	276:20	MNVR & RATE DAMPING FOR SUPER GAL PTC

CSM BURN/EVENT SCHEDULE

BURN/ EVENT	GET I(HR:MIN)/ BURN TIME	ΔVT (FPS)	ULLAGE BT	REFSMMAT	RESULTANT HA/HP(NM)	DATE/ CST
LAUNCH SATURN	00:00 11MIN 44SEC	25,599.0	--	LAUNCH	90 90	APR 16 1154
S-1VB TLI	2:33:35.1 5MIN 44.2SEC	10,374.3	--	LAUNCH	--	APR 16 1428
CSM/LM EJECTION	3:59:20 3.0 SEC	0.4	--	LAUNCH	--	APR 16 1553
MCC-1	11:39	Nom Zero	--	PTC	--	APR 16 2333
MCC-2	30:39	Nom Zero	--	PTC	--	APR 17 1833
MCC-3	52:29	Nom Zero	--	PTC	--	APR 18 1623
MCC-4	69:29	Nom Zero	--	PTC	--	APR 19 0923
LOI SPS	74:28:38.5 6MIN 15SEC	2807.0	NONE	LOI	170.6 58.5	APR 19 1423
DOI SPS	78:35:30.3 24.1SEC	206.0	4 JETS 15 SEC	LDG SITE	58.6 10.8	APR 19 1830
BAILOUT SPS	79:22:07.9 11.0SEC	100.0	4 JETS 16 SEC	LDG SITE	62.6 5.3	APR 19 1916
DOI TRIM SPS	AS REQD			LS OR LOPC-1 AS REQD		
UNDOCK & SEP(RCS)	96:13:30.8 3.4SEC	1.0	NONE	LDG SITE	60.5 8.9	APR 20 1208
CSM CIRC SPS	97:41:44.5 5.9SEC	99.6	2 JETS 16 SEC	LDG SITE	68.2 51.8	APR 20 1336
LOPC-1 SPS	152:28:48.1 9.1SEC	158.7	2 JETS 17 SEC	LOPC-1	62.0 57.3	APR 22 2023
LM JETT	177:31:15.0 NO BURN	~0.4	--	LIFT-OFF	62.0 57.3	APR 23 2125
CSM SEP RCS	177:36:15.0 13.2SEC	2.0		LIFT-OFF	61.7 59.5	APR 23 2130

TABLE 2-9 (CONT)
(4/16)

CSM BURN/EVENT SCHEDULE

BURN/ EVENT	GET I(HR:MIN)/ BURN TIME	ΔVT (FPS)	ULLAGE BT	REFSMMAT	RESULTANT HA/HP(NM)	DATE/ CST
LOPC-2 SPS	198:13:46.2 15.8SEC	282.5	2 JETS 16 SEC	LOPC-2	62.9 57.9	APR 24 1308
CSM SHAPE SPS	216:49:11.7 02.2SEC	38.0	2 JETS 17 SEC	LIFT-OFF	85.0 55.0	APR 25 1243
SUBSAT LAUNCH	218:02:08	NO BURN	-- --	LIFT-OFF	-- --	APR 25 1356
TEI SPS	222:20:32.8 2MIN 30.5SEC	3212.2	2 JETS 17 SEC	TEI	--	APR 25 1815
MCC-5	239:21	Nom Zero	--	PTC	--	APR 26 1115
MCC-6	268:23	Nom Zero	-- --	PTC	-- --	APR 27 1617
MCC-7	287:23	Nom Zero	-- --	ENTRY	-- --	APR 28 1117
EI	290:22:45.8	NO BURN	-- --	ENTRY	-- --	APR 28 1417
SPLASH- DOWN	290:36:03	NO BURN	--	ENTRY		APR 28 1430

APOLLO 16 DSEA

ACTIVITY	MODE	GET (HR:MIN)	RECORD TIME X DUTY CYCLE = TAPE USED (HR:MIN)	ACCUM. TAPE USED (HR:MIN)
COMM ACTIVATION	ICS/PTT	94:20	4:04 x 100%	
PDI PREP	VOX	98:24	= 4:04	4:04
PDI PREP	VOX	98:24	0:30 x 63%	
POST TOUCHDOWN (T2)	OFF	98:54	= 0:18.9	4:23
EVA-1 PLSS COMM CK	VOX	101:50	0:50 x 63%	
EVA-1 LMP EGRESS	OFF	102:40	= 0:31.5	4:55
EVA-2 PLSS COMM CK	VOX	124:17	0:50 x 63%	
EVA-2 LMP EGRESS	OFF	125:07	= 31.5	5:26
EVA-3 PLSS COMM CK	VOX	147:50	0:50 x 63%	
EVA-3 LMP EGRESS	OFF	148:40	= 0:31.5	5:58
JETTISON #1 PREP	VOX	156:30	0:20 x 63%	
JETTISON #1 POST	OFF	156:50	= 0:13	6:11
JETTISON #2 PREP	VOX	170:03	0:17 x 63%	
JETTISON #2 POST	OFF	170:20	= 0:10.6	6:22
ASCENT COMM (L/O -17 MIN)	ICS/PTT	171:28	0:15 x 100%	
LIFT-OFF -2 MIN	VOX	171:43	= 0:15	6:37
LIFT-OFF -2 MIN	VOX	171:43	0:09 x 63%	
INSERTION	ICS/PTT	171:52	= 0.05.7	6:42
INSERTION	ICS/PTT	171:52	2;33 x 100%	
POST DOCKING	OFF	174;25	= 2;33	9;15*

*REMAINING TAPE (0:45) MAY BE USED AT CREW DISCRETION.

TABLE 2-11
(4/16)

LM BURN/EVENT SCHEDULE

BURN/ EVENT	GETI(HR:MIN)/ BURN TIME	ΔVT (FPS)	ULLAGE BT	REFSMMAT	RESULTANT HA/HP(NM)	DATE/ CST
PDI	98:34:40.8 12MIN 01.5SEC	6696.3	4 JET 7.5 SECS	LDG SITE	-- --	APR 20 1429
LANDING	98:46:42.0 --	NO BURN	-- --	-- --	LUNAR SURFACE	APR 20 1441
EVA-1	102:25 TO 109:25	NO BURN	-- --	-- --	-- --	APR 20 1819
EVA-2	124:50 TO 131:50	NO BURN	-- --	-- --	-- --	APR 21 1644
EVA-3	148:25 TO 155:25	NO BURN	-- --	-- --	-- --	APR 22 1619
ASCENT	171:45:08.6 7MIN 14.3SEC	6047.9	None	LIFTOFF	45.0 9.0	APR 23 1539
ORBIT INSERTION	171:52:23	NO BURN	-- --	-- --	45.0 9.0	APR 23 1546
TPI	172:39:22.9 2.5 SEC	72.1	4 JET 10.0 SEC	LIFTOFF --	61.9 44.0	APR 23 1633
BRAKING GATES	173:18:25.4 TO 173:24:27.2	33.4	-- --	-- --	59.8 59.3	APR 23 1712
DOCKING	173:50:00.0	NO BURN	--	--	59.8 59.3	APR 23 1734
LM DEORBIT	179:16:29 1MIN 35.5SEC	229.6	N/A --	LIFTOFF --	68.2 -40.6	APR 23 2310

TABLE 2-12
(4/16)

APOLLO 16 RETURN TO EARTH BLOCK DATA SCHEDULE

DATA	GET UPDATE (HR:MIN)	GETI* (HR:MIN)	PAD TYPE
TLI+90	1:30	4:07	COMPLETE P-30
LO+8	1:30	8:00	P37
LO+15	5:55	15:00	P37
LO+25	13:30	25:00	P37
LO+35	13:30	35:00	P37
LO+45	13:30	45:00	P37
LO+55	13:30	55:00	P37
FLYBY	33:55	69:28	COMPLETE P-30 (DOCKED)
PER+2	68:05	76:25	ABB P-30 (DOCKED)
TEI 4	72:20	83:08	ABB P-30
TEI 5	77:35	84:34	ABB P-30
TEI 12	81:30	97:45	ABB P-30
TEI 19	81:30	111:31	ABB P-30
TEI 26	108:58	125:26	ABB P-30
TEI 32	122:11	137:12	ABB P-30
TEI 41	132:30	155:07	ABB P-30
TEI 53	149:40	178:48	ABB P-30
TEI 62	177:41	196:33	ABB P-30
TEI 65	191:19	202:21	ABB P-30
TEI 72	201:25	216:17	ABB P-30
TEI 74	212:59	220:19	ABB P-30
PREL			
TEI 75	219:20	222:20	COMPLETE P-30
NOM			
TEI 75	220:58	222:20	COMPLETE P-30
TEI 76	220:58	224:21	ABB P-30

*The maneuver solutions are based on the March 1, 1972, Apollo 16 (Mission J-2) operational Trajectory Simulator Data Pack in 72-FM-61.

TABLE 2-12 (CONT)
(4/16)

APOLLO 16 RETURN TO EARTH BLOCK DATA SCHEDULE

NOTES:

1. All block data maneuvers are to the MPL line except

   a. Nominal TEI 75 and backup Rev TEI 76 is to the EOM target (= 169°34'W)

2. Pass FLYBY early if pericynthion is not clear of moon

3. The FLYBY and PER+2 maneuvers are docked. All other aborts are undocked.

4. TEI 4 assumes no DOI.

5. TEI 5 assumes DOI.

6. TEI 12 assumes no CIRC.

7. TEI 19 assumes CIRC.

8. TEI 41 assumes no LOPC 1.

9. TEI 53 assumes LOPC 1.

10. TEI 62 assumes no LOPC 2.

11. TEI 65 assumes LOPC 2.

12. TEI 72 assumes no SHAPE MNVR.

13. TEI 74 assumes the SHAPE MNVR.

TABLE 2-13
(4/16)

LANDMARK AND LANDING SITE DATA

SITE	REV	LATITUDE (DEG)	LONGITUDE (DEG)	ALTITUDE* (NM)
DESCARTES		-9.000	15.516	-.1404
J-2	3	-8.917	24.481	.0000
16-1	12**	-8.859	15.482	-.0900
16-2	12**	-8.936	15.494	-.1100
16-3	12**,13&48	-9.000	15.490	-.1400
16-4	12**	-9.056	15.299	-.2000
16-5	12**	-9.122	15.641	+.0600
16-6	12**	-9.181	15.674	+.0300
F-1	49	01.872	88.253	.0000

*Difference between landmark radius vector and 938.4935 (Mean Lunar Radius)

**One of these landmarks will be picked in real time as the best landmark to use for the low altitude landmark tracking on REV 12.

TABLE 2-14
(4/16)
CRYO MANAGEMENT SCHEDULE

GET	O_2 HTRS 1,2,&3		H_2 HTRS 1&2		H_2 FANS 1,2,&3		
HRS:MIN	AUTO	OFF	AUTO	OFF	AUTO	ON	OFF
00:00	1,2	3	1,2			3	1,2
03:15	1,2,3						
04:15	1,2	3					
14:38	3	1,2			3		
23:07				1,2			
31:30	1,2,3						
32:56	3	1,2					
53:20**	1,2,3						
53:45**	3	1,2					
66:10**	1,2,3						
67:45**	3	1,2					
70:05*	1,2	3	1,2				3
93:48	3	1,2					
107:25	1,2	3					
191:27	3	1,2					
201:30	1,2	3					
241:22	1,2,3						
245:00	1,2	3					

*Open 50W cb in oxygen tanks 1, 2, & 3 at 70:05

**If LM/CM $\Delta P > 2.4$ PSID, these actions are required.

APOLLO 16 FILM BUDGET

CSM

GET	REV	TARGET	FILM USED	FILM REMAINING
CAMERA:DAC	FILM: CEX	MAGAZINE: AA		CAPACITY: 100%
3:13	TL	UNDOCK S4BLM	30%	70%
3:59	TL	LM EJECTION	70%	00%
CAMERA:DAC	FILM: CEX	MAGAZINE: BB		CAPACITY: 100%
69:59	TL	DOOR JETT	5%	95%
96:44	12	LDMK TRK	3%	92%
98:40	13	LDMK TRK	4%	88%
169:21	49	LDMK TRK F1	4%	84%
169:45	49	16-3	4%	80%
173:18	51	RENDEZVOUS	40%	40%
CAMERA:DAC	FILM: CEX	MAGAZINE: CC		CAPACITY:100%
96:14	12	UNDOCKING	100%	00%
CAMERA:DAC	FILM: CEX	MAGAZINE: DD		CAPACITY: 100%
177:31	53	LM JETT	50%	50%
CAMERA:DAC	FILM: CEX	MAGAZINE: EE		CAPACITY: 100%
UNSCHEDULED				
CAMERA:DAC	FILM: CEX	MAGAZINE: FF		CAPACITY: 100%
241:55	TE	EVA	100%	00%

CSM

GET	REV	TARGET	FILM USED	FILM REMAINING
CAMERA:DAC	FILM: CEX	MAGAZINE: GG		CAPACITY: 100%
290:23	E	ENTRY	50%	50%
290:31	E	CHUTES	50%	00%
CAMERA:DAC	FILM: VHBW	MAGAZINE: HH		CAPACITY: 100%
149:02	38	SR CORONA	2%	98%
195:35	62	SS CORONA	5%	93%
197:35	63	SS CORONA	5%	88%
200:15	64	SR CORONA	5%	83%
272:07	TE	SL CONTAM	1%	82%
272:17	TE	SL CONTAM	20%	62%
CAMERA:DAC	FILM: BW164	MAGAZINE: II		CAPACITY: 100%
153:06	41	MASS SPECT	76%	24%
CAMERA:DAC	FILM: CIN	MAGAZINE: JJ		CAPACITY: 100%
05:05	TL	SC INT (OPT)	87%	13%
50:05	TL	SKYLAB FOOD	1%	12%
CAMERA:DAC	FILM: CEX	MAGAZINE: KK		CAPACITY: 100%
UNSCHEDULED				
CAMERA:DAC	FILM: BW164	MAGAZINE: LL		CAPACITY: 100%
UNSCHEDULED				

TABLE 2-15

3/27/72

APOLLO 16 FILM BUDGET

CSM

GET	REV	TARGET	FILM USED	FILM REMAINING
CAMERA:DAC	FILM: VHBW	MAGAZINE: MM	CAPACITY: 100%	
PREFLT	-	CALIBRATION	5%	95%
272:17	TE	SL CONTAM	20%	75%
PSTFLT	-	CALIBRATION	5%	70%
CAMERA:EL	FILM: CEX	MAGAZINE: NN	CAPACITY: 160 FR	
3:13	TL	S4BLM	10 FR	150 FR
3:59	TL	LM EJECTION	5 FR	145 FR
7:15	TL	UV EARTH	1 FR	144 FR
12:30	TL	UV EARTH	1 FR	143 FR
29:30	TL	UV EARTH	1 FR	142 FR
52:30	TL	UV EARTH	1 FR	141 FR
68:00	TL	MOON	1 FR	140 FR
96:14	12	UNDOCKING	10 FR	130 FR
103:43	16	1 SHARANOV	63 FR	67 FR
103:55	16	7 MENDELEEV	22 FR	45 FR
214:47	72	11 AL-BIRUNI	33 FR	12 FR
CAMERA:EL	FILM: UV	MAGAZINE: OO	CAPACITY: 110 FR	
7:15	TL	EARTH	8 FR	102 FR
12:30	TL	EARTH	8 FR	94 FR
29:30	TL	EARTH	8 FR	86 FR
52:30	TL	EARTH	8 FR	78 FR
68:00	TL	MOON A	8 FR	70 FR
68:00	TL	MOON B	8 FR	62 FR
104:31	16	LUNAR MARIA	10 FR	52 FR
126:20	27	LUNAR TERRA	10 FR	42 FR
151:27	40	LUNAR HORIZ	12 FR	30 FR
223:00	TE	MOON A	8 FR	22 FR
223:00	TE	MOON B	8 FR	14 FR
287:50	TE	EARTH B	8 FR	6 FR
CAMERA:EL	FILM: CEX	MAGAZINE: PP	CAPACITY: 160 FR	
106:23	17	12 CROZIER	33 FR	127 FR
106:33	17	14 DESCARTES	20 FR	107 FR
130:13	29	13 CATHARIN	41 FR	66 FR
145:36	37	10 SAENGER	7 FR	59 FR
151:27	40	LUNAR HORIZ	1 FR	58 FR
212:38	71	9 FLEMING	45 FR	13 FR

CSM

GET	REV	TARGET	FILM USED	FILM REMAINING
CAMERA:EL	FILM: CEX	MAGAZINE: QQ	CAPACITY: 160 FR	
155:13	42	5 KOHLSCHUT	80 FR	80 FR
173:45	51	DOCKING	10 FR	70 FR
191:40	60	22 PARRY	37 FR	33 FR
CAMERA:EL	FILM: CEX	MAGAZINE: RR	CAPACITY: 160 FR	
215:11	72	15 DESCARTES	20 FR	140 FR
215:16	72	17 VOGEL	30 FR	110 FR
215:20	72	17 LASSELL	14 FR	96 FR
215:24	72	23 BULLIALDU	26 FR	70 FR
215:29	72	23 GASSENDI	36 FR	34 FR
215:34	72	26 HANSTEEN	10 FR	24 FR
223:00	TE	MOON	1 FR	23 FR
287:50	TE	UV EARTH	1 FR	22 FR
CAMERA:EL	FILM: VHBW	MAGAZINE: SS	CAPACITY: 115 FR	
94:51	11	16 DESCARTES	6 FR	109 FR
108:39	18	18 PTOEMAEUS	6 FR	103 FR
118:36	23	20 DAVY	6 FR	97 FR
120:32	24	19 ALPHONSUS	6 FR	91 FR
128:26	28	21 GUERICKE	6 FR	85 FR
131:28	30	2 SPENCER J	6 FR	79 FR
147:15	38	4 MILLS	6 FR	73 FR
149:02	38	SR CORONA	9 FR	64 FR
154:15	41	24 DARNEY	6 FR	58 FR
165:04	47	6 ST JOHN	6 FR	52 FR
193:51	61	25 LETRONNE	6 FR	46 FR
195:35	62	SS CORONA	10 FR	36 FR
196:50	63	8 VETCHINKI	6 FR	30 FR
197:35	63	SS CORONA	10 FR	20 FR
CAMERA:EL	FILM: VHBW	MAGAZINE: TT	CAPACITY: 115 FR	
PREFLT	-	CALIBRATION	30 FR	85 FR
200:15	64	SR CORONA	10 FR	75 FR
238:00	TE	CORONA CAL	6 FR	69 FR
272:07	TE	SL CONTAM	5 FR	64 FR
PSTFLT	-	CALIBRATION	15 FR	49 FR

TABLE 2-15

APOLLO 16 FILM BUDGET

CSM

GET	REV	TARGET	FILM USED	FILM REMAINING
CAMERA:EL FILM: HBW MAGAZINE: UU CAPACITY: 160 FR				
25:00	TE	ELECTROPHOR	160 FR	00 FR
CAMERA:NK FILM: CIN MAGAZINE: VV CAPACITY: 70 FR				
47:00	TL	ALFMED	6 FR	64 FR
CAMERA:NK FILM: VHBW MAGAZINE: WW CAPACITY: 50 FR				
UNSCHEDULED (BACKUP DIM LIGHT PHOTOGRAPHY)				
CAMERA:NK FILM: VHBW MAGAZINE: XX CAPACITY: 50 FR				
102:52	14	EARTHSINE	22 FR	28 FR
121:10	24	GUM NEB PT 1	6 FR	22 FR
CAMERA:NK FILM: VHBW MAGAZINE: YY CAPACITY: 50 FR				
123:10	25	ZODIACAL	42 FR	8 FR
CAMERA:NK FILM: VHBW MAGAZINE: ZZ CAPACITY: 50 FR				
127:03	27	GEGENSCHEIN	4 FR	46 FR
142:27	35	GEGENSCHEIN	9 FR	37 FR
180:20	54	GUM NEB PT3	6 FR	31 FR
196:10	62	GUM NEB PT2	6 FR	25 FR
202:11	65	GEGENSCHEIN	3 FR	22 FR
202:23	65	GEGENSCHEIN	4 FR	18 FR
CAMERA:EL FILM: CEX MAGAZINE: V CAPACITY: 160 FR				
UNSCHEDULED				

CSM

GET	REV	TARGET	FILM USED	FILM REMAINING
CAMERA:NK FILM: VHBW MAGAZINE: W CAPACITY: 50 FR				
CALIBRATION				
CAMERA:NK FILM: VHBW MAGAZINE: X CAPACITY: 50 FR				
213:49	71	GAL SURVEY	4 FR	46 FR
214:26	71	SL CONTAM	12 FR	34 FR
238:20	TE	SL CONTAM A	6 FR	28 FR
271:05	TE	SL CONTAM B	18 FR	10 FR
CAMERA:NK FILM: VHBW MAGAZINE: Y CAPACITY: 50 FR				
CALIBRATION				
CAMERA:NK FILM: CIN MAGAZINE: Z CAPACITY: 70 FR				
UNSCHEDULED				

TABLE 2-15

APOLLO 16 FILM BUDGET

GET	REV	TARGET	FILM USED	FILM REMAINING
LM				
CAMERA:DCL	FILM: HCEX	MAGAZINE: A		CAPACITY: 160 FR
96:14	12	LM/CM SEP	10 FR	150 FR
96:20	12	CABIN INTERIOR	5 FR	145 FR
96:46	12	LDG SITE	5 FR	140 FR
97:55	13	EARTHRISE	5 FR	135 FR
(102:25)	LS	EVA-1	75 FR	60 FR
CAMERA:DCC	FILM: HCEX	MAGAZINE: B		CAPACITY: 160 FR
(102:25)	LS	EVA-1	47 FR	113 FR
CAMERA:DCC	FILM: HCEX	MAGAZINE: C		CAPACITY: 160 FR
(102:25)	LS	EVA-1	UNSCHEDULED	--
(124:50)	LS	EVA-2	105 FR	55 FR
CAMERA:DCC	FILM: HCEX	MAGAZINE: D		CAPACITY: 160 FR
(124:50)	LS	EVA-2	UNSCHEDULED	--
CAMERA:DCC	FILM: HCEX	MAGAZINE: E		CAPACITY: 160 FR
(148:25)	LS	EVA-3	97 FR	63 FR
CAMERA:DCC	FILM:HCEX	MAGAZINE: F		CAPACITY: 160 FR
(148:25)	LS	EVA-3	UNSCHEDULED	___
CAMERA:DCL	FILM: HBW	MAGAZINE: G		CAPACITY: 170 FR
(102:25)	LS	EVA-1	63 FR	107 FR
CAMERA:DCL	FILM: HBW	MAGAZINE: H		CAPACITY: 170 FR
(124:50)	LS	EVA-2	126 FR	44 FR
CAMERA:DCL	FILM: HBW	MAGAZINE: I		CAPACITY: 170 FR
(124:50)	LS	EVA-2	74 FR	96 FR
CAMERA:DCL	FILM: HBW	MAGAZINE: J		CAPACITY: 170 FR
(148:25)	LS	EVA-3 (POL)	132 FR	38 FR
CAMERA:DCL	FILM: HBW	MAGAZINE: K		CAPACITY: 170 FR
(148:25)	LS	EVA-3	102 FR	68 FR

GET	REV	TARGET	FILM USED	FILM REMAINING
LM				
CAMERA:DC5	FILM: HBW	MAGAZINE: L		CAPACITY: 170 FR
(102:25)	LS	EVA-1	20 FR	150 FR
(124:50)	LS	EVA-2	40 FR	110 FR
(148:25)	LS	EVA-3	60 FR	50 FR
CAMERA:DC5	FILM: HBW	MAGAZINE: M		CAPACITY: 170 FR
(148:25)	LS	EVA-3	100 FR	70 FR
CAMERA:DAC	FILM: CEX	MAGAZINE: N		CAPACITY: 100%
96:14	12	LM/CM SEP	6%	94%
96:20	12	CABIN INTERIOR	13%	81%
96:46	12	LDG SITE	6%	75%
98:42	13	DESCENT	75%	0%
CAMERA:DAC	FILM: CEX	MAGAZINE: O		CAPACITY: 100%
171:43	50	ASCENT	75%	25%
173:35	51	CSM & SIM BAY	25%	0%
CAMERA:DAC	FILM: CEX	MAGAZINE: P		CAPACITY: 100%
108:35	LS	GRAN PRIX	100%	0%
CAMERA:DAC	FILM: CEX	MAGAZINE: Q		CAPACITY: 100%
125:50	LS	EVA-2	100%	0%
CAMERA:DAC	FILM: CEX	MAGAZINE: R		CAPACITY: 100%
127:13	LS	EVA-2	24%	70%
149:10	LS	EVA-3	76%	0%
CAMERA:DAC	FILM: CEX	MAGAZINE: S		CAPACITY: 100%
152:48	LS	EVA-3	100%	0%
CAMERA:DAC	FILM: CEX	MAGAZINE: T		CAPACITY: 100%
155:00	LS	GRAN PRIX	100%	0%
CAMERA:DAC	FILM: CEX	MAGAZINE: U		CAPACITY: 100%
154:30	LS	EVA-3	100%	0%

TABLE 2-15