

METABOLIC ASSESSMENT OF THE THIRD
EXTRAVEHICULAR ACTIVITY PERIOD

Table 4
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Commander

Surface activity	End time, hr:min	Duration, min	Average metabolic rate, Btu/hr	Metabolic production, Btu
Pre-egress operations	163:28	10	642	107
Egress	163:32	04	1275	85
Equipment preparation	104:04	32	943	503
Lunar roving vehicle traverse (lunar module to experiments package site)	164:07	03	840	42
Experiments package site activities	164:45	38	1037	657
Remove core tubes from surface	164:18	11	1315	241
Disassemble core tubes	164:37	19	973	308
Lunar roving vehicle evaluation	164:45	08	810	108
Lunar roving vehicle naviga- tion initialization	164:48	03	820	41
Lunar roving vehicle traverse (experiments package site to station 9)	165:02	14	429	100
Station 9 activities	165:17	15	1012	253
Lunar roving vehicle traverse (station 9 to station 9A)	165:19	02	660	22
Station 9A activities	166:14	55	923	846
Geological description	165:36	17	829	235
Documented sample	165:53	17	896	254
Comprehensive sample	166:01	08	945	126
Double core tube	166:09	08	840	112
Undocumented sample and traverse preparation	166:14	05	1428	119
Lunar roving vehicle traverse (station 9A to station 10)	166:17	03	740	37
Station 10 activities	166:29	12	1055	211
Lunar roving vehicle traverse (station 10 to experiments package site)	166:44	15	476	119

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Commander (continued)

Surface activity	End time, hr:min	Duration, min	Average metabolic rate, Btu/hr	Metabolic production, Btu
Lunar roving vehicle traverse (experiments package site to lunar module)	166:46	02	660	22
Extravehicular activity closeout	168:01	75	1390	1738
Closeout activities	167:15	29	1219	589
Stamp cancellation and gravity demonstration	167:23	08	1380	184
Lunar roving vehicle positioning	167:53	30	1438	719
Closeout activities	168:01	08	1845	246
Extravehicular activity termination	168:08	07	1714	200
		<u>290</u>	<u>1031</u>	<u>4983</u>

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Lunar Module Pilot

Surface activity	End time, hr:min	Duration min	Average metabolic rate, Btu/hr	Metabolic production, Btu
Pre-egress operations	163:32	14	947	221
Egress	164:34	02	1380	46
Equipment preparation	164:03	29	799	386
Traverse to experiments package site (walking)	164:06	03	1340	67
Experiments package site activities	164:45	39	878	571
Remove core tubes from surface	164:18	12	920	184
Disassemble core tubes	164:22	04	1005	67
Photograph experiments packages	164:29	07	806	94
Disassemble core stems	164:37	08	953	127
Photograph lunar roving vehicle	164:45	08	743	99
Lunar roving vehicle navigation initialization	164:48	03	820	41
Lunar roving vehicle traverse (experiments package site to station 9)	165:02	14	373	87
Station 9 activities	165:17	15	624	156
Lunar roving vehicle traverse (station 9 to station 9A)	165:19	02	570	19
Station 9A activities	166:14	55	772	708
Documented sample	165:53	34	702	398
Comprehensive sample	166:01	08	938	125
Double core	166:09	08	848	113
Undocumented sample	166:14	05	864	72
Lunar roving vehicle traverse (station 9A to station 10)	166:17	03	360	18
Station 10 activities	166:29	12	780	156
70 mm photography panorama	166:20	03	920	46
Sample collection	166:29	09	733	110

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Lunar Module Pilot (continued)

Surface activity	End time, hr:min	Duration min	Average metabolic rate, Btu/hr	Metabolic production, Btu
Lunar roving vehicle traverse (station 10 to experiments package site)	166:44	15	384	96
Core tube retrieval	166:45	01	660	11
Traverse to lunar module (walking)	166:47	02	1020	34
Extravehicular activity closeout	167:54	67	895	999
Extravehicular activity termination	168:08	14	1281	299
		<u>290</u>	<u>810</u>	<u>3915</u>