



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
MANNED SPACECRAFT CENTER
HOUSTON, TEXAS 77058

REPLY TO
ATTN OF:

DC71/8/M12/71 (F&N)

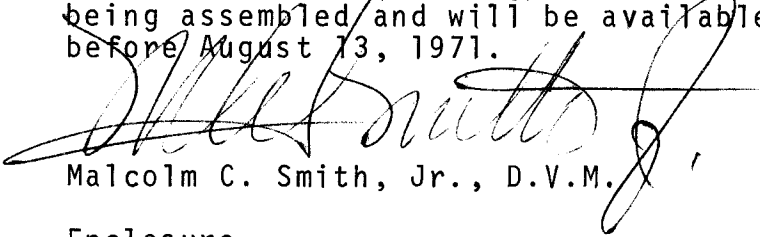
August 6, 1971

MEMORANDUM

TO: DA/Director of Medical Research and Operations
FROM: DC71/Chief, Food and Nutrition
SUBJECT: Apollo Food

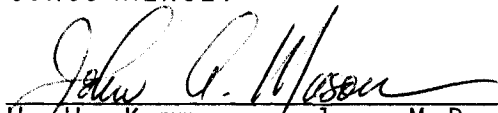
Attached is a copy of the calculations for "Average Daily Nutrient Intake, Apollo Flights 7 through 14". Potassium intake is shown on this sheet. These data have been included in the Food and Nutrition Apollo Experience Report which is currently in the Center review cycle.

Proposed intake of energy and electrolytes for Apollo 15 is being assembled and will be available for your review on or before August 13, 1971.


Malcolm C. Smith, Jr., D.V.M.

Enclosure

CONCURRENCE:


W. W. Kemmerer, Jr., M.D.
Chief, Preventive Medicine Division

DC71/MCSmith:mb:8/6/71:5056

AVERAGE DAILY INFLIGHT NUTRIENT INTAKE
APOLLO FLIGHTS 7 through 14

→ Dr Jerry

	Inflight Body Weight Change		Energy kcal	Protein gm	Fat gm	Carb. gm	Ash gm	Ca mg	P mg	Fe mg	Na mg	K mg	Mg mg
	lbs.	(%)											
Apollo 7													
CDR	-6	(3.0)	1970	81	72	259	16	644	1060	8	3810	1879	192
LMP	-8	(5.1)	1800	74	56	268	14	925	841	7	3480	1336	141
CMP	-10	(6.3)	2140	96	78	280	18	938	1125	9	4000	1958	185
Apollo 8													
CDR	-8	(4.7)	1480	59	39	231	11	427	847	5	3170	1229	113
LMP	-4	(2.8)	1340	52	33	217	10	366	760	5	2730	986	97
CMP	-8	(4.6)	1690	80	49	240	15	479	983	7	3980	1571	145
Apollo 9													
CDR	-5	(3.1)	1920	86	60	280	15	562	1146	7	4000	1677	157
LMP	-6	(3.7)	1640	66	47	252	13	494	892	6	3410	1386	129
CMP	-5	(2.8)	1720	78	53	240	14	489	1073	6	3770	1708	146
Apollo 10													
CDR	-2	(1.1)	1400	58	34	213	3	836	814	6	2970	1463	107
LMP	-10	(5.7)	1310	49	30	208	3	854	701	5	2670	1182	96
CMP	-5	(3.0)	1385	46	30	213	3	808	746	5	2290	1376	104
Apollo 11													
CDR	-8	(4.6)	2040	79	65	290	17	1036	1050	8	2770	1751	138
LMP	-1	(0.5)	2280	94	73	322	19	1114	1225	9	3220	2061	166
CMP	-7	(4.2)	1640	71	54	224	14	851	901	7	2060	1441	119
Apollo 12													
CDR	-4.2	(2.8)	1750	70	50	263	16	1095	1090	9	3580	1835	119
LMP	-12.5	(8.1)	1690	57	42	280	15	1291	965	7	3290	1484	108
CMP	-7.2	(4.6)	1670	65	49	249	15	1022	1028	8	3240	1685	117
Apollo 13													
CDR	-4	(2.2)	1580	59	50	239	15	870	780	8	3630	2036	107
LMP	-6.5	(4.1)	1520	57	49	228	15	786	716	8	3350	1964	102
CMP	-11	(5.5)	1540	57	47	235	15	871	720	8	3480	1942	98
Apollo 14													
CDR	+1	(0.5)	2310	90	76	309	20	802	1308	11	4870	2485	181
LMP	+1	(0.5)	2330	81	89	319	20	843	1304	11	4750	2576	192
CMP	-8	(4.8)	1720	79	61	230	17	809	1109	8	3780	2147	149