

Silver

ROPE MODULES PRESENTLY BEING USED

L. S. Watts
Raytheon/KSC

PROGRAM BASIC PART NO.	SHIP DATE	ESTIMATED ARRIVAL	EXPECTED UTILIZATION	PHYSICAL LOCATION	DASH NUMBER	SERIAL NUMBER	REMARKS
					PART NUMBER 2003972		
Sundisk 282 2021108-021			CSM Test Ropes	Bond Room	B1-311 B4-341 B2-321 B5-351 B3-331 B6-361	B1-153 B4-156 B2-197 B5-180 B3-155 B6-198	Functional Retest completed
Sundisk 282 Set B 2021108-021			CSM 112 Test Ropes	CM112 2/1/71	B1-311 B4-341 B2-321 B5-351 B3-331 B6-361	B1-163 B4-165 B2-223 B5-196 B3-164 B6-168	12.34 lbs. Functional Retest completed
Luminary 99-1 Set 2 2021112-061	6/30/9		LM Test Ropes	LM10 2/3/71	B1-1071 B4-981 B2-1051 B5-1061 B3-971 B6-1011	B1-353 B4-329 B2-337 B5-339 B3-322 B6-331	12.34 lbs. Functional Retest completed
Luminary 99-1 Set 3 2021112-061	8/30/9		LM Test Ropes	Ray- theon	B1-1071 B4-981 B2-1051 B5-1061 B3-971 B6-1011	B1-354 B4-343 B2-341 B5-407 B3-366 B6-345	12.40 lbs. At Raytheon for retest - 3/11/71
RECEIVED							
MAR 29 1971							
GEORGE SILVER							
						RECEIVED	MIT/ML
						MAR 25 11	. . .

L. S. Watts
Raytheon/KSC

PROGRAM BASIC PART NO.	SHIP DATE	ESTIMATED ARRIVAL	EXPECTED UTILIZATION	PHYSICAL LOCATION	DASH NUMBER	SERIAL NUMBER	REMARKS
					PART NUMBER 2003972		
Sundance 306 Set 5 Level 5 2021110-031		Received 2 Dec. 1968	LM-3 Flight	LM-3 In Orbit	B1-581 B4-621 B2-591 B5-631 B3-611 B6-641	B1-225 B4-228 B2-226 B5-229 B3-227 B6-230	Vac. tested 12.58 lbs. Flown in Apollo 9
Colossus Set 4 Level 5 (249) 2021111-041	12/30/ 68	1/8/69	CM-104 Flight		B1-651 B4-681 B2-661 B5-691 B3-671 B6-711	B1-240 B4-246 B2-244 B5-247 B3-245 B6-248	Vac. tested 12.39 lbs. Flown in Apollo 9
Colossus Set 1 Level 4 (237) 2021111-031			Flight Ropes CSM-103		B1-511 B4-541 B2-521 B5-571 B3-531 B6-561	B1-219 B4-222 B2-220 B5-213 B3-210 B6-218	Vac. tested 12.51 lbs. Flown in Apollo 8
Colossus II Set 7 Comanche 45-2 2021113-041	3/27/9	MKE 4/2/69 KSC 4/4/69	CM-106 Flight		B1-781 B4-821 B2-941 B5-831 B3-851 B6-841	B1-287 B4-290 B2-317 B5-291 B3-301 B6-292	12.46 lbs. Flown in Apollo 10
Comanche 55 Set 2 2021113-	6/4/69	MKE 5/9/69 KSC 5/29/9	CM-107 Flight		B1-861 B4-891 B2-1031 B5-911 B3-881 B6-921	B1-309 B4-312 B2-333 B5-313 B3-311 B6-314	12.58 lbs. Flown in Apollo 11
Comanche 67 Set 1 2021113-061	8/31/9	MKE 9/3/69 KSC 9/9/69	CM-108 Flight	CM-108	B1-1081 B4-1121 B2-1091 B5-1131 B3-1111 B6-1141	B1-355 B4-358 B2-356 B5-359 B3-357 B6-360	12.30 lbs. Flown in Apollo 12
<u>PART NUMBER 2010802</u> Comanche 72 Set 1	11/26/9	MKE 11/24/9 KSC 12/4/9	CM-109 Flight	CM-109 12/19/9	B1-011 B4-041 B2-151 B5-051 B3-031 B6-061	B1-379 B4-382 B2-403 B5-383 B3-381 B6-384	Flown in Apollo 13
Luminary Set 1 99-1 2021112-061	5/31/9	MKE 6/24/9 KSC 6/25/9	LM-5 Flight	In Space LM-5	B1-1071 B4-981 B2-1051 B5-1061 B3-971 B6-1011	B1-340 B4-323 B2-336 B5-338 B3-328 B6-325	12.66 lbs. Flown in Apollo 11
Luminary 116 Set 1 2021112-071		MKE 9/19/9 KSC 9/23/9	LM-6 Flight	LM-6	B1-1151 B4-1181 B2-1161 B5-1191 B3-1171 B6-1211	B1-367 B4-370 B2-368 B5-371 B3-369 B6-372	12.51 lbs. Flown in Apollo 12
Luminary Set 1 69-2 2021112-	1/24/9	MKE 1/29/9 KSC 2/3/69	LM-4 Flight	In Space LM-4	B1-721 B4-751 B2-931 B5-761 B3-741 B6-771	B1-255 B4-276 B2-315 B5-259 B3-257 B6-266	12.24 lbs. Flown in Apollo 10
<u>P/N 2010802</u> Luminary 131 Set 1		KSC 2/12/70	LM-7 Flight	LM-7	B1-071 B4-111 B2-081 B5-171 B3-091 B6-131	B1-391 B4-394 B2-392 B5-410 B3-393 B6-396	Flown in Apollo 13

L. S. Watts
Raytheon/KSC

PROGRAM BASIC PART NO. _____	SHIP DATE	ESTIMATED ARRIVAL	EXPECTED UTILIZATION	PHYSICAL LOCATION	DASH NUMBER	SERIAL NUMBER	REMARKS
					PART NUMBER 2003972		
Comanche 108 Set 1 2021113-091	10/14/ 70	KSC 10/15/70	CSM 110 Flight Ropes	CM110 10/20/ 70	B1-181 B4-221 B2-191 B5-231 B3-211 B6-241	B1-424 B4-427 B2-425 B5-422 B3-426 B6-423	Flown in Apollo 14
Luminary 178 Set 1	11/2/ 70		LM-8 Flight Ropes	LM-8 11/17/ 70	B1-321 B4-351 B2-331 B5-361 B3-341 B6-371	B1-430 B4-439 B2-431 B5-434 B3-432 B6-435	Flown in Apollo 14

KSC ROPE MODULE STATUS

SPARES

As of

24 March 1971

L. S. Watts

Raytheon/KSC

PROGRAM BASIC PART NO.	SHIP DATE	ESTIMATED ARRIVAL	EXPECTED UTILIZATION	PHYSICAL LOCATION	DASH NUMBER	SERIAL NUMBER	REMARKS
					PART NUMBER 2003972		
Luminary 116 Set 2 2021112-071	10/26/ 69	Mke 9/30/9 KSC 10/9/9	LM-6 Flight B/U	Bond Room	B1-1151 B4-1181 B2-1161 B5-1191 B3-1171 B6-1211	B1-373 B4-376 B2-374 B5-377 B3-375 B6-378	
					PART NUMBER 2010802		
Luminary 131 Set 2 2021112-		KSC 2/12/70	LM-7 Flight B/U	Bond Room	B1-071 B4-111 B2-081 B5-171 B3-091 B6-131	B1-397 B4-400 B2-398 B5-411 B3-399 B6-402	
Luminary 178 Set 2			LM-8 Flight B/U	Bond Room	B1-321 B4-351 B2-331 B5-361 B3-341 B6-371	B1-457 B4-456 B2-437 B5-458 B3-438 B6-441	
Comanche 72 Set 2 2021113-		KSC 1/8/70	CM-110 Test Ropes	Bond Room	B1-011 B4-041 B2-151 B5-051 B3-031 B6-061	B1-385 B4-388 B2-404 B5-389 B3-387 B6-390	Vacuum tested
Comanche 108 Set 2 2021113-091		KSC 11/5/70	CSM Flight B/U	Bond Room	B1-181 B4-221 B2-191 B5-231 B3-211 B6-241	B1-418 B4-421 B2-510 B5-428 B3-511 B6-429	

KSC ROPE MODULE STATUS

As of 24 March 1971

SPARES

L. S. Watts

Raytheon/KSC

PROGRAM BASIC PART NO. _____	SHIP DATE	ESTIMATED ARRIVAL	EXPECTED UTILIZATION	PHYSICAL LOCATION	DASH NUMBER		SERIAL NUMBER		REMARKS
Jumper 2003076				Bond Room	B1 B2 B3	B4-021 B5 B6	B1 B2 B3	B4-56 B5 B6	
Jumper 2003076					B1 B2 B3	B4) B5) 021 B6)	B1 B2 B3	B4) B5) 58 B6)	Not in use at this time.
Jumper 2003076			Dummy Mod	Bond Room	B1 B2 B3	B4 B5) 031 B6)	B1 B2 B3	B4 B5) 10 B6)	Not in use at this time. On loan from GAC.
Jumper 2003076			Dummy Mod	Bond Room	B1 B2 B3	B4 B5) 031 B6)	B1 B2 B3	B4 B5) 22 B6)	Not in use at this time. On loan from GAC.
Jumper 2003076					B1 B2 B3	B4 B5 B6	B1 B2 B3	B4 B5 B6	
Jumper 2003076				Bond Room	B1 B2 B3	B4) B5) 021 B6)	B1 B2 B3	B4) B5) 41 B6)	Not in use.
Aurora 88 2003053			B1 - B3 Test Ropes	Bond Room	B1-061 B2-171 B3-181	B4 B5 B6	B1-80 B2-75 B3-88	B4 B5 B6	Not in use at this time.
Sundial 2003972			Lab test as required	Bond Room	B1-041 B2-071 B3-211	B4 B5 B6	B1-98 B2-99 B3-122	B4 B5 B6	Not in use.