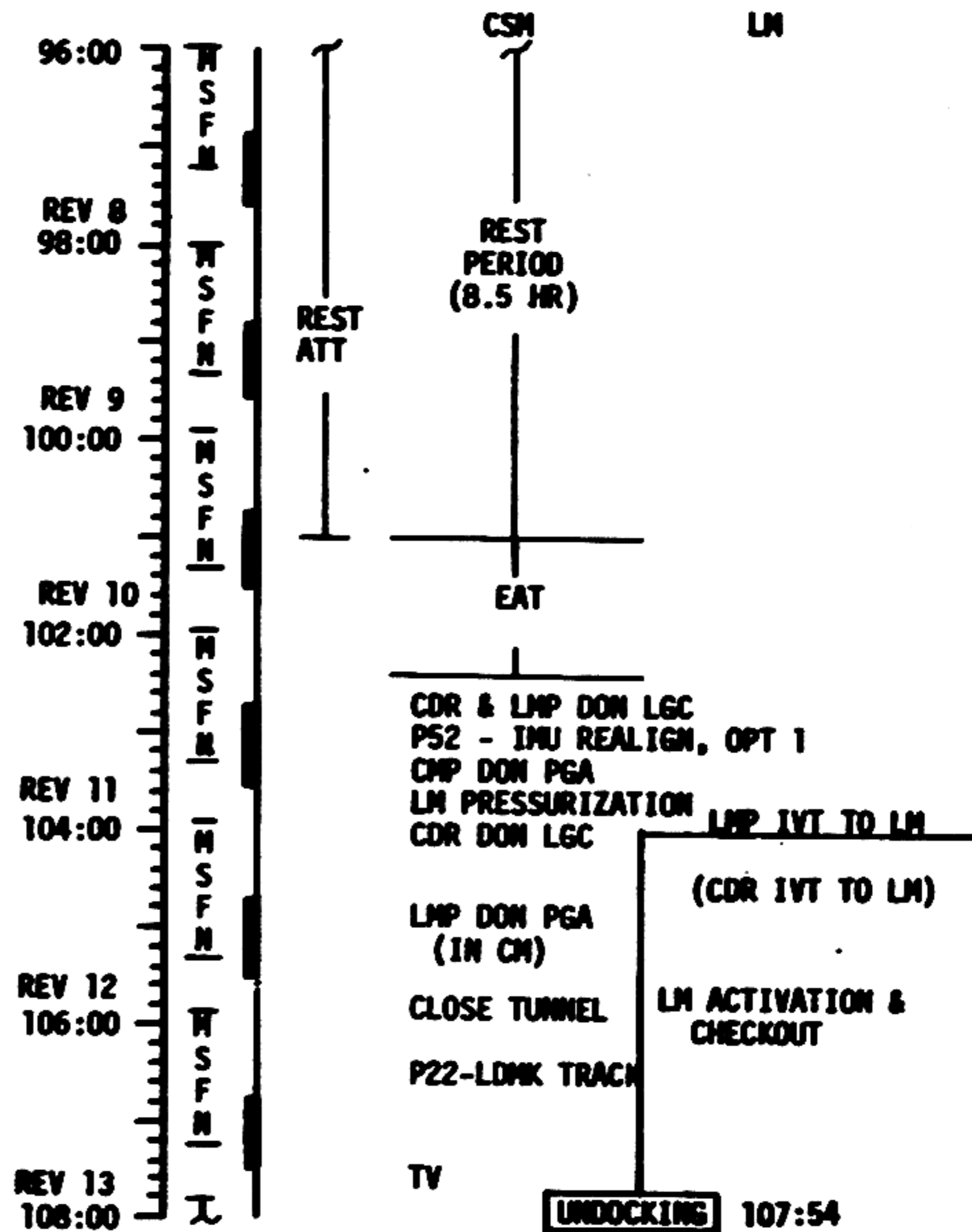
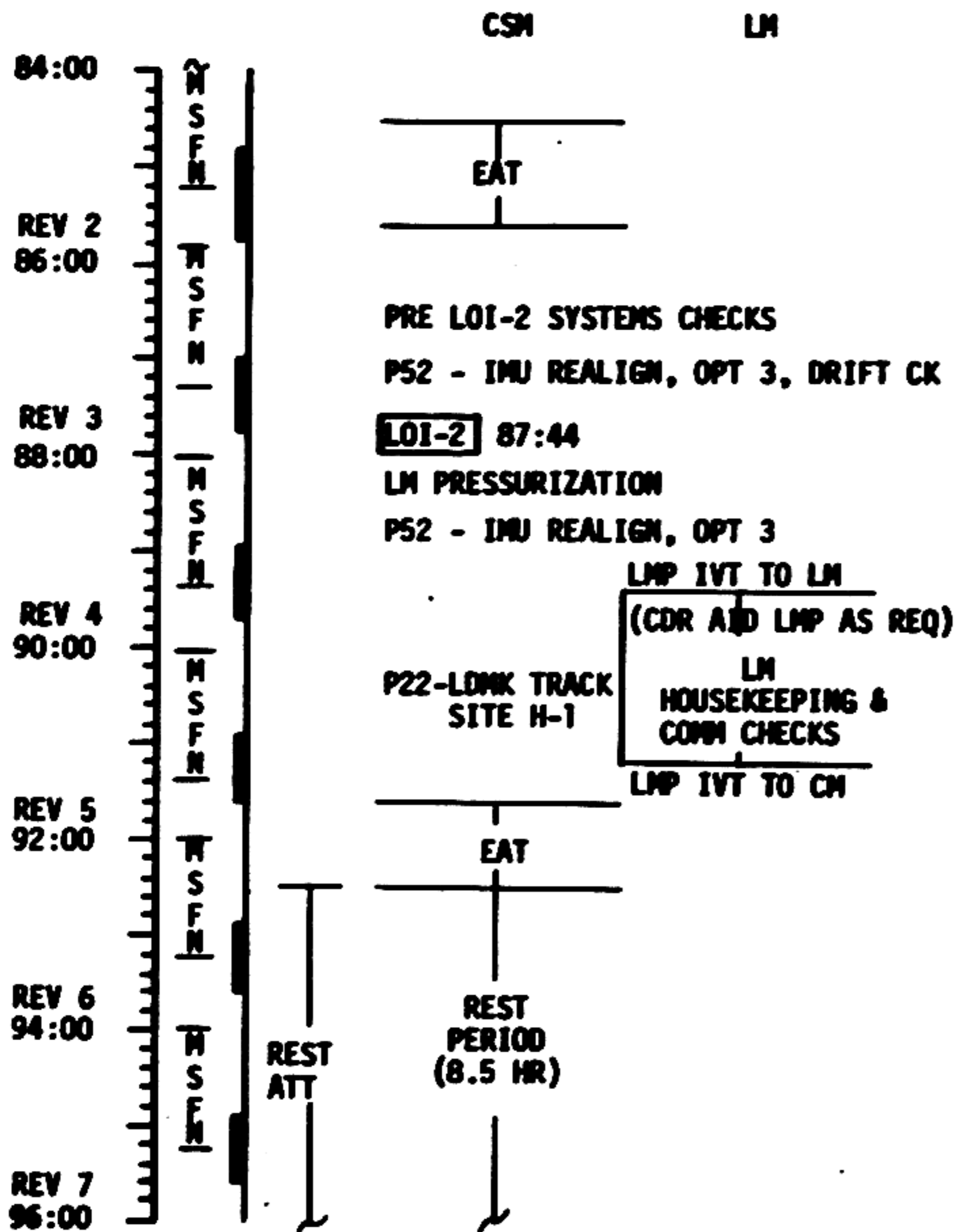


FAO

APOLLO 12	
LM TIMELINE BOOK	
PART NO	S/N
SKB32100081-388	1002



UNDOCKED TO SEP

-5 CHECK ATT (180,285,300)
 V76
 GUID CONT - PGNS
 ATT CONT(3) - MODE CONT
 V95
 V62
 V48 21002
 P47
 RCDR-ON
 MODE-ICS/PTT
 -00 *ZERO, 404, 405, 406 *
 *470R *
 UNDOCK (107:54:22)
 V77
 DEADBAND - MIN
 Null N83 < .2FPS
 POO
 YAW LT 60°
 PITCH UP 90°
 FDAI (180,105/195,0)
 RESET DET COUNT DOWN TO SEP
 *VHF ANT-FWD *
 PHOTO CM (DC/HCEX/F11,
 * FOCUS),10 *
 CB LR - CLOSE. CK TEMP (50°-70°)
 RATE ERR MON-LDG RDR/CMPT
 X-PNTRS-HI MULT, TM SW-H/R
 LDG ANT AUTO, MODE SEL-LR
 RDR TEST - LDG
 TEST MON-ALT/VEL XMTR (2.1-5.0),AGC
 TM (8000±100)/R (-480±2):
 V63E, N12 OPT 2, PRO
 N66, 8286±10, 00001, PRO
 N67 V_x (-00495±2), V_y(+01862±2),
 V_z (+01331±2): V34E,
 RDR TEST OFF
 CB LR - OPEN

-20 V83 SET ORDEAL, 277R
 *VERIFY TRACKING LT-ON,
 THEN OFF *

V76E

HELMETS & GLOVES - OFF

-15 *POO, UPDATA LINK-DATA *
 *(LM SV, DOI TARGET *
 *LOAD, PIPA BIAS) OFF *
 *COPY DOI,PDI,PDI ABORT *
 *T-2 AND T-3 ABORT PADS *

PHOTO SEP MAN (DAC/HCEX/
 * F11, 7) 6FPS, 4 MIN *

+0 CSM SEP (108:24:22)

PDI THRU TD+3 MIN

θ	TF:	VI	(A MAX) H DOT	(ΔH MAX) H	DPS	SBD P/Y
	-0:35					
109	0:00	5562.4	-3.7	49423	95	11/0
109	0:05					
109	0:30	5492	-5	49326	95	
103	1:00	5201	-24	48879	92	16/ -4
98	1:30	4901	-38	47934	86	
94	2:00	4593	-49	46614	81	23/ -10
90	2:30	4276	-58	45002	76	
86	3:00	3950	-66	43147	70	29/ -15
83	3:30	3615	-73	41071 (+17500)	65	33/ -18
81	4:00	3270	-81	38763	59	
79	4:30	2914	-89	36029 (+17500)	54	36/ -20
77	5:00	2545	-96	32913	49	
76	5:30	2162	-104	29793 (+17500)	43	40/ -23
72	6:00	1766	-105	26815 (+14000)	38	
69	6:30	1393	-99 (-419)	23964 (+10500)	33	47/ -27
65	7:00	1153	-135 (-364)	20467 (+8750)	29	
62	7:30	911	-153 (-298)	15860 (+7100)	26	
61	8:00	666	-162	11117	23	51/ -29

-1:00 RESET WATCH
 - :35 ENG ARM-DES
 - :07 ULLAGE
 - :05 PRO
 :00 PDI
 :05 DES ENG OVRD
 -ON
 :26 THROTTLE UP
 /T/W > 1.6

N69

V57E - (+) LR HIGHER
 THAN LGC PRO TO
 PERMIT LR DATA
 MODE SEL - PGNS
 ✓ EC BATTS

SEQ CAMR - ON
 V16 N68
 223+00060 (DO
 NOT ENTR)

EVAL MAN CONT

P64

223E θ 6K
 413+10000(DO NOT
 ENTR)

P64 + 15 SEC:
 NO THROTTLE ON
 - ABORT

V523 ALARM
 V58
 PRO
 RESET
 LDG ANT-HOVER

PGNS MODE CONT -
 ATT HOLD

P65

P66

X-PNTR-LO MULT

BINGO FUEL
 DES QTY LT+1+34
 TOUCHDOWN

ENG STOP - PUSH
 PRO
 MODE CONTROL (BOTH) - AUTO
 DES ENG CMD OVRD - OFF
 ENG ARM - OFF
 413 + 1

RECYCLE PARKER VALVE

PDI-TD+3 MIN
 TD+3-T2 ABORT

H	(A MAX) H DOT	DPS
7000	(-230) -107	20
5000	(-186) -132	19
4000	(-163) -109	18
3000	(-136) -85	17
2000	(-104) -59	16
1000	(-63) -28	14
500	(-35) -15	12
400	(-29) -13	11
300	(-21) -12	11
200	(-12) -9	10

ABORT STAGE - PUSH
 ENG ARM - ASC
 ENG STOP - RESET
 ENG START - PUSH
 MODE CONTROL (2) - AUTO

ID +3 THRU T2 ABORT

THRUSTER PAID ISOL VLV(8) - OPEN
MAIN SOV (2) - OPEN
CRSFD - CLOSE
ASC FEED 1 (2) - OPEN, 2 (2)-CLOSE
DES HE REG 1-CLOSE tb(2)-BP
OXID AND FUEL VENT-OPEI: tb(2)-GREY
MASTER ARM - ON
DES VENT - FIRE
MASTER ARM - OFF
PRPLNT QTY MON - OFF
PRPLNT TEMP PRESS MON - ASC, THEN DES
ASC HE MON - CYCLE
O2/H2O QTY MON - ASC 1,2, THEN DES
WHEN DES PRESS = 20-40 PSI, CLOSE VENTS(2)

16:20

NO STAY

ABORT STAGE-PUSH
ENG ARM-ASC
ENG STOP-RESET
ENG START-PUSH
MODE CONT(2)-AUTO

STAY

*414+2
*400+4
P08
PRU
RCDR-GFF
ENG STOP-RESET

PRU
P12
N33 T-2 (110:44:51.80)
..76 5513.5 V HOR
10.5 V VERT
0.0 CROSS RIS
..74 TFI, YAW, PITCH
DET-SET/UP

*IF AGS ALIGNMENT NO GO
*V47E, 414+1,
*V40N20E, 400+3

*
*
*

*411+1 *
*410+0 *
*225R (58163) *
SET 226 EQUAL TO 225 (58163)

19:22

NO STAY

-2:00 ASC HE SEL - BOTH
MASTER ARM - ON
ASC HE PRESS - FIRE
ASC HE REGS 1,2 - OPEN
ASC FEED 2 (2) - OPEN
MAIN SOV(2)-CLOSE
CRSFD - OPEN
BAT 1,3 - OFF
SELECT ASC H2O TANK
DES O2 - CLOSE
ASC 1 O2 - OPEN
DES H2O - CLOSE
ASC H2O - OPEN

-1:00 *400+1 *
*BAT 2,4 - OFF *
CG:ASC ECA CONT-CLOSE
DES BAT - DEADFACE

- :30 ABORT STAGE-PUSH(AT T=0
ENG ARM-ASC FOR AGS)

- :05 PRO

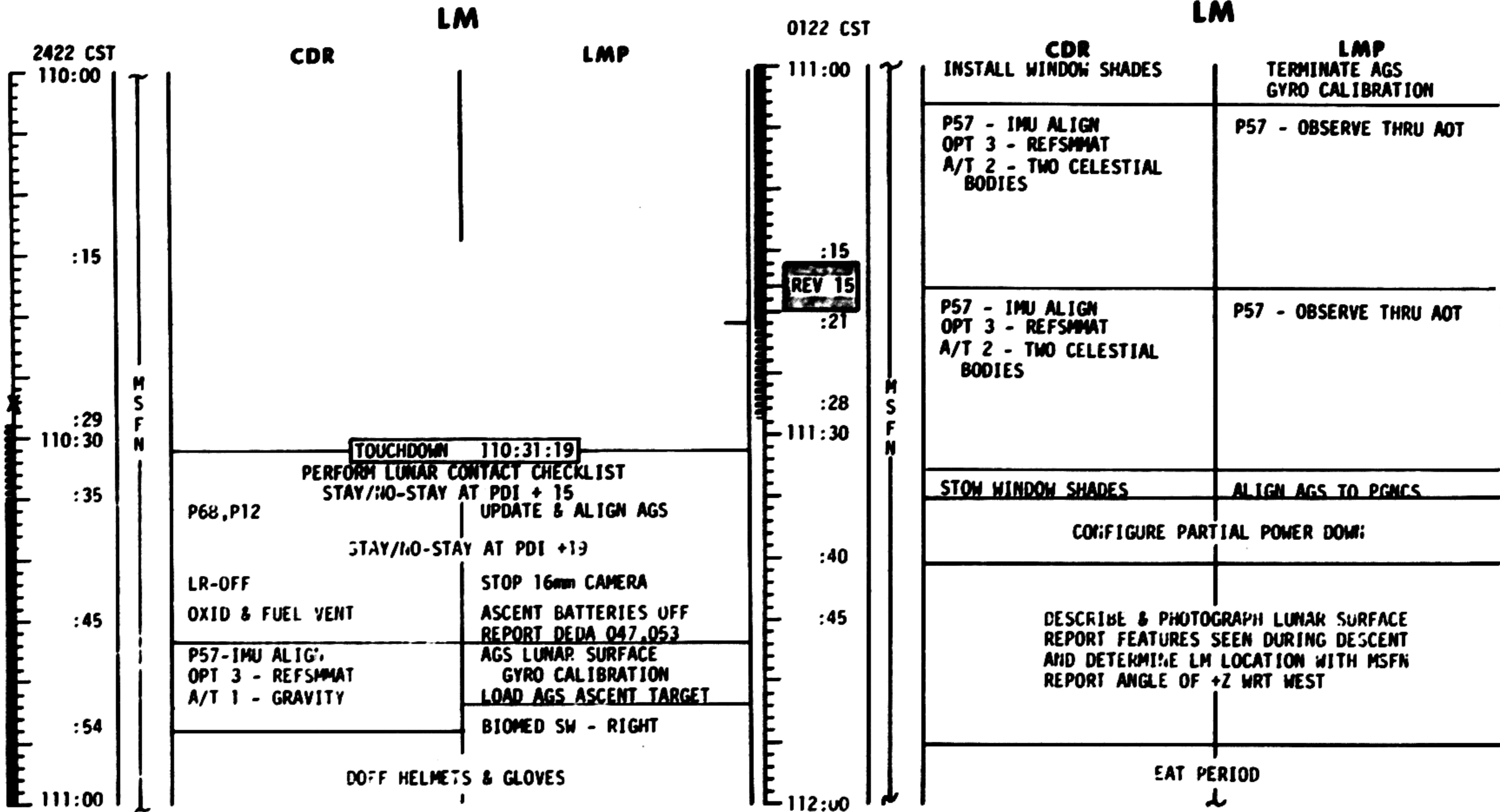
+ :01 ENG START - PUSH

STAY

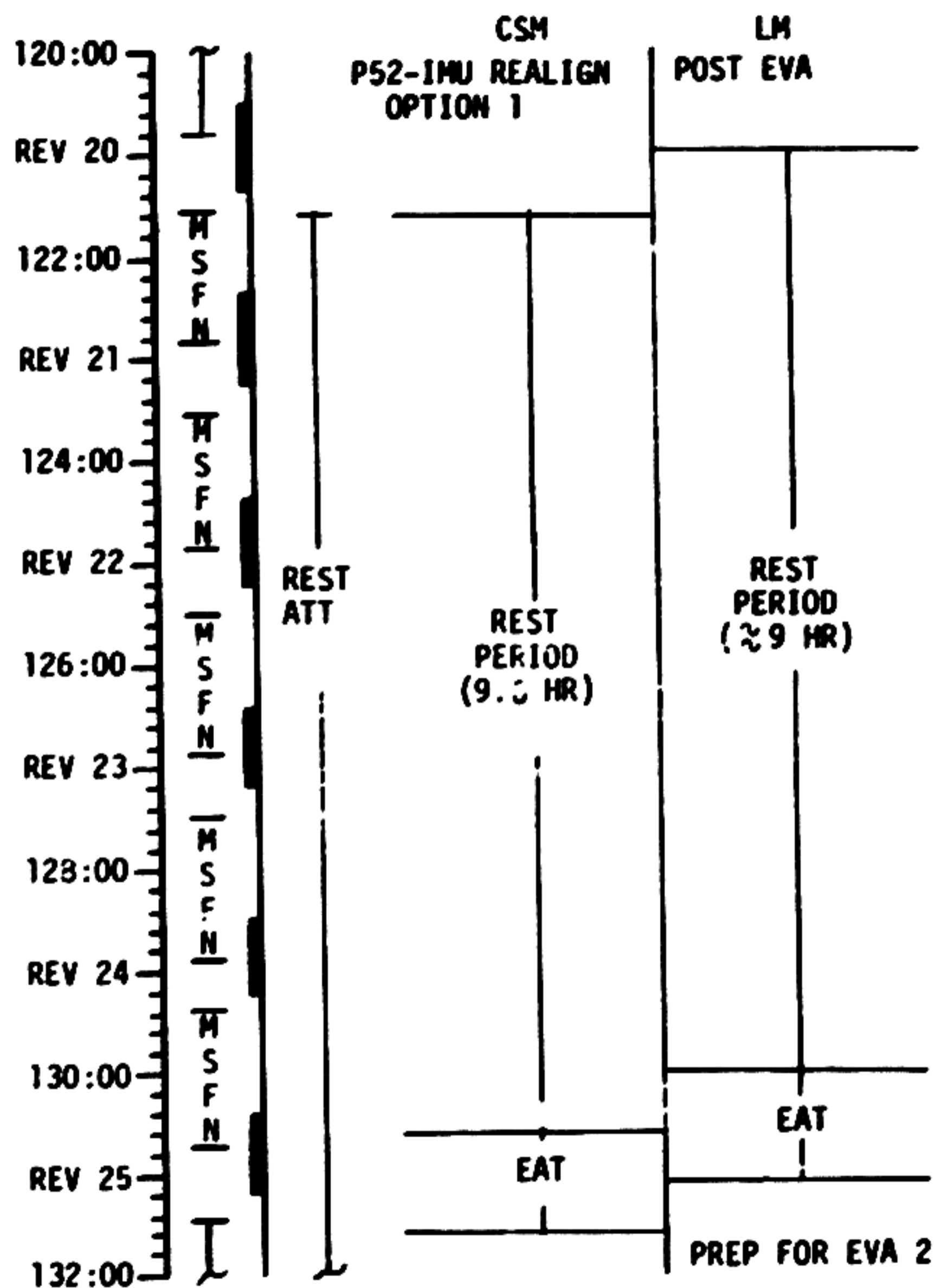
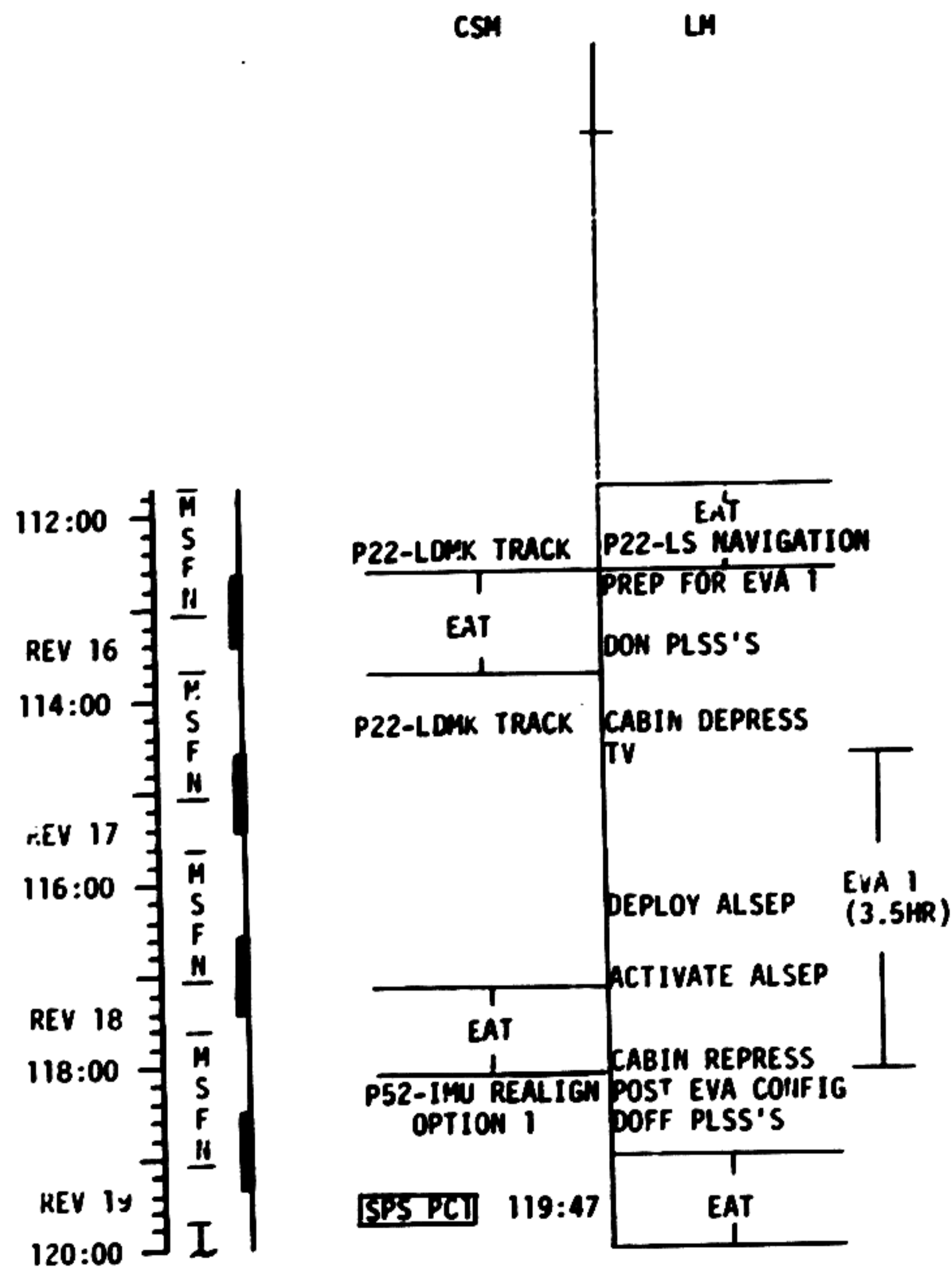
P00

DATE NOVEMBER 3, 1969

LM TIMELINE BOOK
APOLLO 12

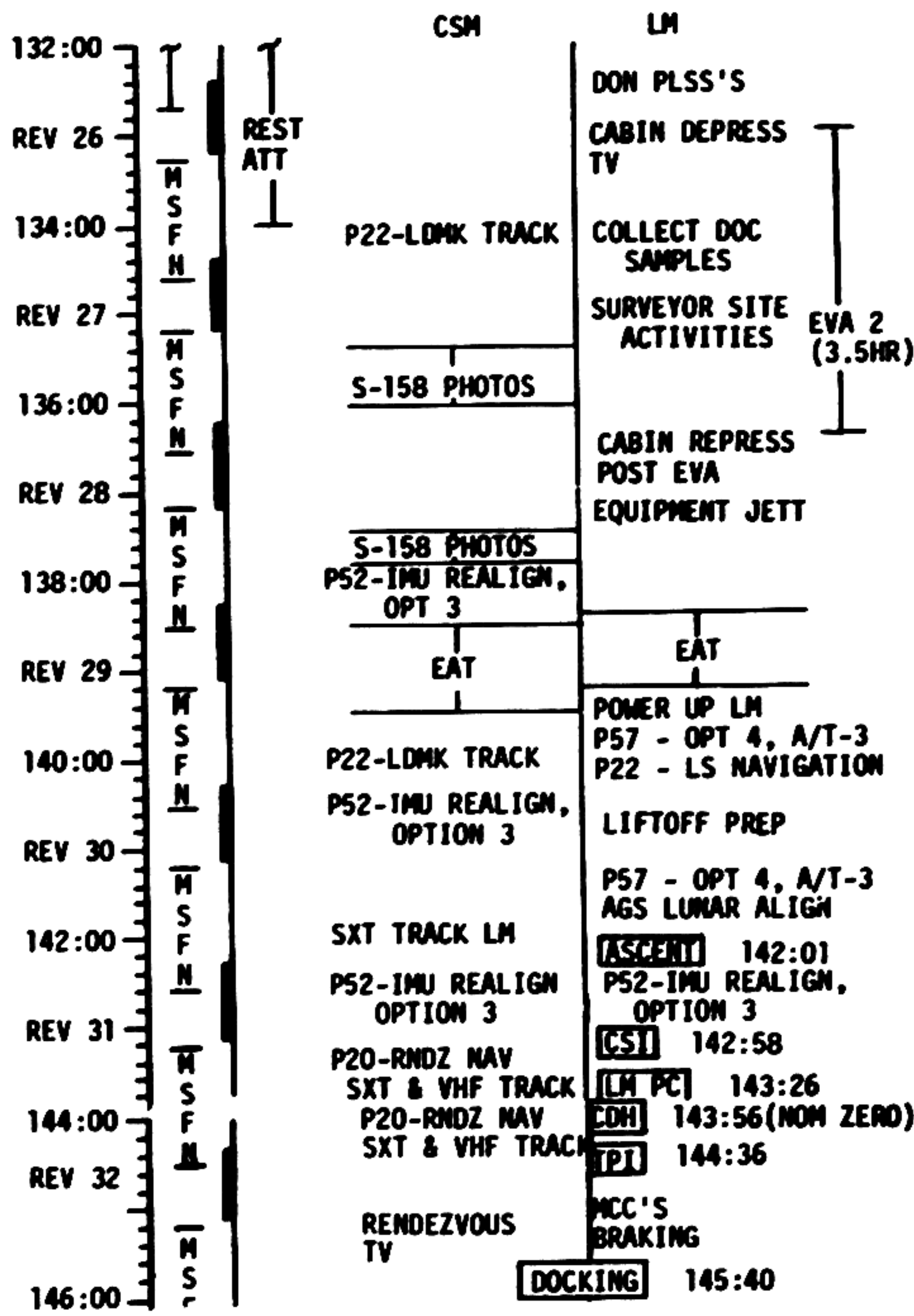


LUNAR SURFACE
FLT PLAN



DATE NOVEMBER 3, 1969

LM TIMELINE BOOK



LIFT OFF TABLE		
TIME	NEW TIG	EST TIG
T3		112:27:12
T4	114+26+06	114:25:28
T5	116+24+28	116:23:45
T6	118+22+46	118:22:01
T7	120+21+09	120:20:18
T8	122 19 32	122:18:34
T9	124 17 54	124:16:51
T10	126 16 13	126:15:07
T11	128 14 34	128:13:23
T12	130 12 59	130:11:40
T13	132:11:35	132:09:56
T14	134:09:59	134:08:12
T15	136:08:25	136:06:29
T16	138:06:50	138:04:45
T17	140:	140:03:01
T18	142:	142:01:18

**FLIGHT PLAN
ASCENT MONITOR**

TIG-2 400+1E GUID STEERING
RESET WATCH
START CAMERA
TIG-1 MASTER ARM - ON
367R
-:30 ABORT STAGE-PUSH(AT T=0 FOR
ENG ARM-ASC AGS)
-:05 PRO
+:01 ENG START-PUSH
BAL CPL-OFF (AGS ONLY)
CHECK S-BD ANT (168,-47)
+1:00 YAW RIGHT 20°
623+1

N76E (VH Vv ΔR)
V16 N77E (Tgo, VY)

200 fps N85 E, 500R
MAIN SOV(2)-OPEN+
ASC FEED 2(2)-CLOSE+
CROSS FEED-CLOSE+
COPY GET

100 fps ENG ARM-OFF

0 fps ABORT STAGE-RESET
ENG STOP-PUSH
KEY RELEASE
PRO NULL X RESIDUAL
PRO
ENG STOP RESET
POO

GROUND TWEAK
PGNS, AGS DIFFER > 10fps
MCC FOR TRIM OR TWEAK
(10° IN OHW)
V82

ASCENT

PITCH	OHW	TFI	VI	H DOT	H	SBD
		0:00	15.1	0.0	15	124/-33
		0:10	56	54	285	
308	39	0:30	170	93	1881	
305	38	1:00	436	127	5192	156/13
302	35	1:30	728	153	9405	
299	33	2:00	1039	172	14307	160/17
296	31	2:30	1369	185	19693	
292	29	3:00	1719	191	25361	165/23
289	27	3:30	2090	191	31118	
285	24	4:00	2481	185	36780	171/28
281	22	4:30	2896	173	42170	
277	19	5:00	3333	156	47121	178/33
273	16	5:30	3795	133	51473	
269	13	6:00	4283	106	55084	185/39
264	10	6:30	4799	77	57857	
260	7	7:00	5344	46	59730	194/44
		7:10	5534	34	60137	198/46

IF NO IGNITION (WITHIN 90 SEC)
1. CHECK CB(11)-AELD, CB(16)-
ENG ARM, AELD, ATCA
2. IF CB'S CLOSED-SELECT AGS
3. NO IGNITION-SELECT PGNS
4. ENG START-PUSH

MANUAL ASCENT (Will Nominally Be
Targeted 9 Min Late)
CONFIGURATION NOMINAL EXCEPT:
MODE CONT-ATT HOLD
PROFILE NOMINAL EXCEPT:
4-STEP FOR DIRECT MODE
(BAL CPL-OFF AFTER PITCH)

8-BALL 4-STEP
:20 PITCH DN TO 300°
3:15 285
5:15 270
7:00 255

OHW 4-STEP
:15 PITCH DN TO 37
1:14 32
3:26 25
5:24 11

MSFN Will Call 2° PITCH And ROLL
BIAS Commands From Ground Tracking
At About 7 Min

ASC QTY LITE-MAIN SOV(2)-OPEN,
ASC FEED 2 (2)-CLOSE
CROSS FEED - CLOSE
SHUTDOWN
ENGINE ARM OFF
STANDBY TO RESET ABORT STAGE Pb
AND DEPRESS ENGINE STOP Pb ON
CALL FROM MSFN.

TIME	RANGE	RDOT
INS	260.2	-454.9
1+00	255.7	-451.3
2+00	251.3	-447.1
3+00	246.9	-442.3
4+00	242.6	-436.9
5+00	238.3	-431.0
6+00	234.0	-424.6
7+00	229.9	-417.6
8+00	225.8	-410.3
9+00	221.8	-402.4
10+00	217.9	-394.1

SS 45
142
+15

42

39

N05 ANG DIFF
PRO
N93 TORQUING ANG

X _____
Y _____
Z _____

PRO GET
N25
PRO TO PICAPAIR N15

*DETENT CL
*CB AOT LAMP-OPEN

36

V34
V48, 11012
CB RR(2)-CLOSE
RATE/ERR MON-RNDZ RDR
V95
V93
P20, AUTO MNVR
V80, MAX N49(2.0,12.0)
P32, TGT CSI

*616+00007 ULLAGE

*411+0

*V47, 414+1, 400+3

*400+2

*417+1

*ANT-AFT, PCM-LO

*S-BD P _____ (-9)

* Y _____ (+19)

*SLEW, SET ANGLES

V83 SET ORDEAL (35NM)

*317P, 440P, 277R

33

§R

LOS

142

+27

RDOT §R

RDOT §R

RDOT §R

RDOT §P

30 CHART RDOT

RDOT §R

27 RDOT §R

24 RDOT §R

M=10, V32

21 RDOT §R

20 CHART RDOT

18 RDOT §R

15 *CHECK RCS, EPS, ECS RDOT §R

12 V90 OBTAIN CSM YDOT RDOT §R

10 CHART RDOT/R

PRO-FINAL COMP

N81 LOAD CSM YDOT(IF>2fps)

9 RDOT §R

*Copy Ags Data

V83 SET ORDEAL

*317R, 440R, 277R

P41 N86

*410+5 LOAD ΔV

*507+1

*407+0

*267R

*ΔV's TO CSM

*502R

:30 V77, MODE CONT-ATT HOLD

:05 *407+1, 502R

:00 CSI (142:58:05)

NULL REFSTNIALS

INSERTION (142:08:28)

MODE CONT(2)-ATT HOLD

ATT/TRANSL-2 JETS

*BAL CPL-ON

*VHF ANT-FWD

*STOP CAMERA

*EXT LTG-TRACK

*400+2

*410+1 TGT CSI

*623+0

*310R SET DET

*COPY AGS DATA(450R)

*RATE/ERR MON-RNDZ RDR

INV 2, CB INV 1-OPEN

SHFT/TRUN ±5

RNG/ALT MON-RNG/RNG RT

RATE/ERR MON-LDG RDR/CMPTR

CB(11) & (16) ED: LOGIC PWR-OPEN

V48, 11002

CB RR(2)-CLOSE

V41N72 (+000, +283)

CB RR(2)-OPEN, V44

P52 OPT 3

*CB AOT LAMP-CLOSE

*AOT DETENT F/O°

V76

1st STAR 12-RIGEL

2nd STAR 13-CAPELLA

ATT CONT-
PULSE
MODE CONT-
AUTO

RR-AUTO
TRACK

417-1

CSI THRU CDH

MISSION APOLLO 12, OCTOBER 6, 1969

60 CSI (142:58:05) AOS
V76, MODE CONT-AUTO 143
V67, (+02000, +00020, +00005) +16
P33 TGT CDH

*ANT-FWD, VERIFY COMM *
*SLEW (>3.0) AUTO TRACK *
*PCM-HI, BIOMED-RT *

ATT CONT-PULSE
MODE CONT-AUTO

39 V34, P30 RDOT }R

21 RDOT }R
M=7, V32

*417+1 *
*507+0 *
*410+2 TGT CDH *
*373R TM CDH *
*310R SET DET *
*COPY AGS DATA *

CSI BURN REPORT
TIG, ΔV'S, RESIDUALS

18 RDOT }R

*CHECK RCS, EPS, ECS *

36 CHART RDOT RDOT }R

15 RDOT }R

V90 LOAD CDH-30
OBTAIN CSM YDOT

V90 OBTAIN CSM YDOT

V82
CDH TIME TO CSM

P41

12 RDOT }R

V83 SET ORDEAL (45NM)
*317R, 440R, 277R *

*410+5 LOAD ΔV ATT CONT
*407+0 MODE CONT
*270R *
*501R *

10 CHART RDOT *

PRO-FINAL COMP
N81 LOAD CSM YDOT

54 }R

M=7, V32

:30 V77, MODE CONT-ATT HOLD
:05 *407+1, 270 (YDOT NOW) *A/H

9 RDOT }R

30 PLANE CHANGE (143:26:28)

*COPY AGS DATA *

51 RDOT }R

V76, MODE CONT-AUTO
V93 ATT CONT-PULSE
P33 TGT CDH MODE CONT-AUTO

V83, SET ORDEAL
*317R, 440R, 277R *

48 RDOT }R

V90, LOAD CDH-30
OBTAIN CSM YDOT

*417+1 (ONLY IF PC) *
*410+2 *
*451+0 *
*COPY AGS DATA *

P41 N86
*410+5 LOAD ΔV ATT CONT-
*407+0 MODE CONT
*267R *
*502R *

45 RDOT }R

27 }R

M=15, V32

:30 V77, MODE CONT-ATT HOLD
:05 *407+1, 502R *A/H

42 RDOT }R

24 RDOT }R

:00 CDH (143:56:28)
NULL RESIDUALS

23 CHART RDOT

SR
143
+03

CDH THRU TPI

CDH (143:56:28)

39 V76, MODE CONT-AUTO

V93
P34 TGT TPI

ATT CONT-PULSE
MODE CONT-AUTO

*417+1
*SET DET

V82

*410+3 TPI SRCH
*307+043.00 ΔT TRNFR
*310+TIME TO TPI
*303R θ TPI
*410+4 (When 303=26.6)
*POLAR PLOT @ 75 NM

310R

33

M=7, V32

30

RDOT }R

27

RDOT }R

24

RDOT }R

SS
144
+13

21

M=15, V32

RDOT }R

18

*CHECK RCS, EPS, ECS

RDOT }R

15

*MONITOR 303R θ TPI AND
*RETARGET IF REQ
*COPY AGS DATA

RDOT }R

12

*ANT-AFT, PCM-LO
*S-BD P _____ (+175)
* Y _____ (+60)
*SLEW, SET ANGLES

RDOT }R

LOS 10 PRO-FINAL COMP

144 TIG TO CSM
+25 *SET DET

9 CHART θ

RDOT }R

*410+3
*310+TIME TO TPI
*303R θ TPI
*410+4 (WHEN 303=26.6)
*310R SET DET
*404+0, 405+0, 406+0
*COPY AGS DATA

5 CHART θ/R/RDOT

P41 N86

*410+5 LOAD ΔV
*507+1
*407+0
*502R _____

ATT CONT-
MODE CONT

:30 V77, MODE CONT-ATT HOLD

:05 *407+1, 472R/502R

*A/H

:00 TPI (144:36:26)

NULL RESIDUALS

TPI THRU DOCKING

MISSION APOLLO 12, OCTOBER 6, 1969

0 TPI (144:36:26)
V76, MODE CONT-AUTO
V93
P35 TGT MCC 1 ATT CONT-PULSE
MODE CONT-AUTO

V76, MODE CONT-AUTO
V93
P35 TGT MCC 2 ATT CONT-PULSE
MODE CONT-AUTO

PGO
V48, 11002
P47
V63

*417+1 *
*507+0 *

*417+1 *

*404+0, 405+0, 406+0 *

2 JR

17 JR AOS 145 +11

*ANT-AFT, VERIFY COMM *
SLEW (>3.0), AUTO TRACK
*PCM-HI, BIOMED-RT *

*404+0, 405+0, 406+0 *
*410+4 *
*373+TPI TIME +15 MIN *
*307+028.00 *

*404+0, 405+0, 406+0 *
*410+4 *
*373+TPI TIME +30 MIN *
*307+013.00 *

35 BRAKING
30 FPS - 6000 FT
20 FPS - 3000 FT
10 FPS - 1500 FT
5 FPS - 600 FT

4 RDOT JR

19 RDOT JR

*SETUP CAMERA FOR *
* DOCKING: *
*LM/DC/60/HCEX *
* (f11,250,40) 5 *

6 RDOT JR

21 RDOT JR

8 RDOT JR SR 144 +59

23 RDOT JR

9 CHART 0 *

24 CHART 0 *

43 RENDEZVOUS
*EXTERIOR LTG-OFF *
*OMNI-AFT *
*BIOMED-LEFT *

10 RDOT JR

25 RDOT JR

12 PRO FINAL COMP RDOT JR

27 PRO-FINAL COMP RDOT JR

13 CHART 0/R/RDOT

28 CHART 0/R/RDOT

55 DOCKING
V34, P00 ATT CONT-PULSE
V76
COAS TO OVHD WINDOW
*EXT LTG-DOCK *
SHFT/TRUN +50
V41N72 (+000,+320)
CB RR(2)-OPEN, V44
PITCH DOWN 90°, YAW LEFT 120°
V77 ATT CONT-MODE CONT

*267R TOTAL VEL MCC1 *
*371R ΔV MCC1 + ΔV TPF *

*267R TOTAL VEL MCC2 *
*371R ΔV MCC2 + ΔV TPF *

P41
*410+5 LOAD ΔV ATT CONT-MODE CONT
*407+0 *
*502R *

P41
*410+5 LOAD ΔV ATT CONT-MODE CONT
*407+0 *
*502R *

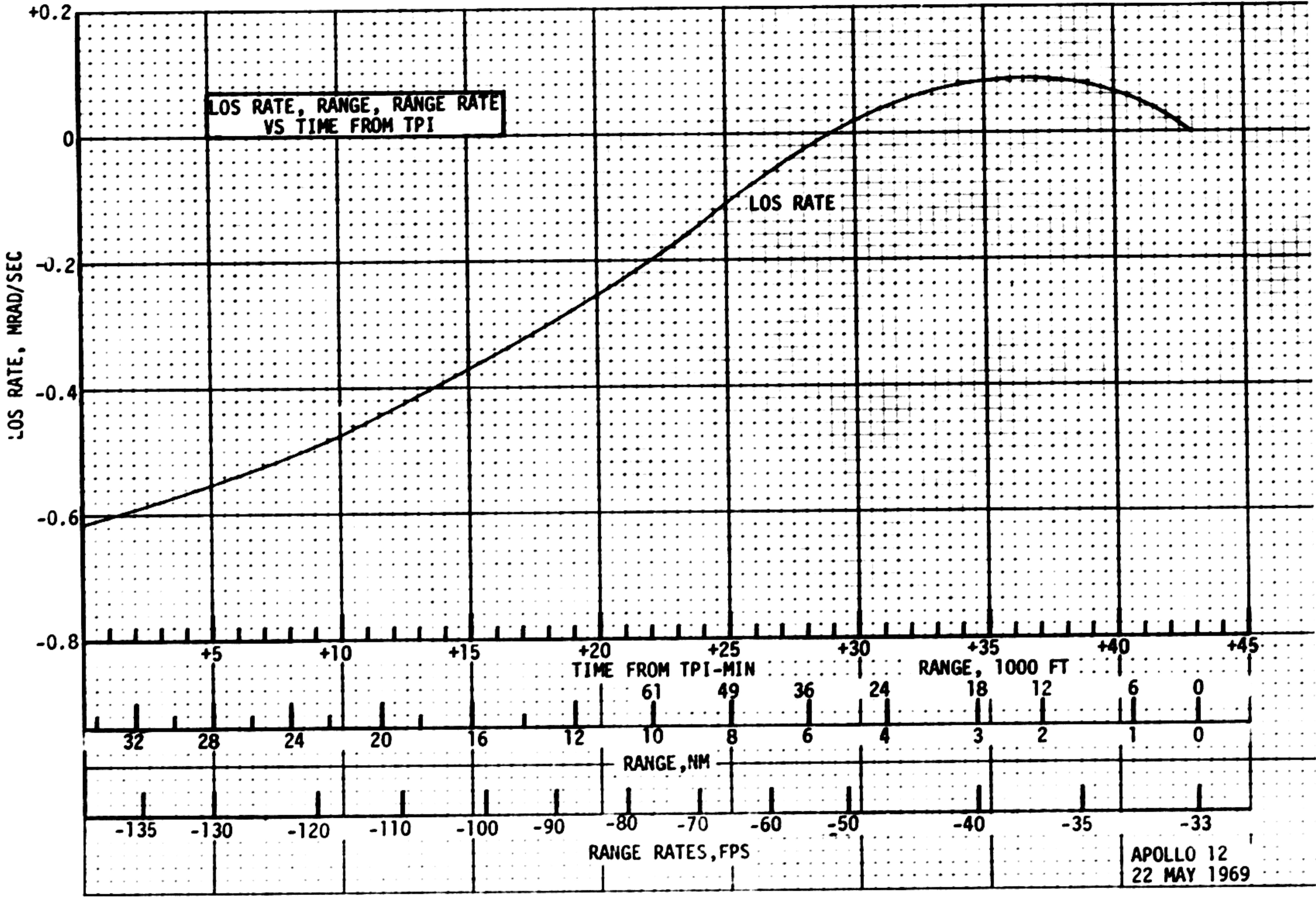
:30 V77, MODE CONT-ATT HOLD
:05 *407+1, 472R/502R A/H

:30 V77, MODE CONT-ATT HOLD
:05 *407+1, 472R/502R A/H

60 CONTACT
AFTER HARD DOCKING
MODE CONT (BOTH)-OFF

15 MCC1

30 MCC2



145:40CONFIGURE PGNS And AGS

1 MODE CONT (AGS) - ATT HOLD
ATT CONT (3) - PULSE
GUID CONT - AGS
DEADBAND - MAX
BAL CPL - ON

2 Verify FWD DUMP VLV - AUTO

3 V48, 12021, PRO
N47 _____ LM WT
PRO _____ CSM WT

4 V37E00E

145:45PREP FOR TRANSFER

- 1 Verify Tunnel Pressurized From CSM
OVHD DUMP VLV - OPEN
- 2 Doff Helmets and Gloves
Place HSB'S on Deck, Right Side-Forward
Unstow CSRC And CSC Cassette from Upper Lunar
Boot Comp And Place in TSB
- 3 When Pressures Equal, OVHD DUMP VLV - AUTO
Verify Press Regs A And B - Egress
- 4 Open Hatch, Remove Drogue, Pass To LMP
Receive Probe From CMP
Stow: Probe On Left Hand Side Using
Outboard (Double) Restraint Cable
: Drogue Over Probe Using Inboard
(Single) Restraining Cables Through
Drogue Handles

POST DOCKING

- 5 Receive Bags And Vacuum Brush From CSM
And Stow In TSB
- 6 Verify: CABIN GAS RETURN VLV - EGRESS
SUIT GAS DIVERTER VLV - EGRESS
SUIT CKT RELIEF VLV - CLOSE
CDR's SUIT ISOL - SUIT DISC
UPDATA LINK - DATA
MSFN Uplinks CSM And LM State Vectors (TIG-10)
AND P30 EXT ΔV Load, Copy Burn Pad
- 7 Disconnect CDR O2 Red Hose From PGA And
Attach Vacuum Brush

CDR SUIT ISOL VLV - SUIT FLOW
- 8 Unstow SRC's, Vacuum And Bag
Transfer To CSM
- 9 LMP Hold The Following For CDR To
Vacuum, Bag, Then Transfer
CSRC
CSC Cassett
70MM Magazine Bag(2)
Gloves (4)
Helmets (2)
Lunar Boots
Surveyor Tools And Hardware
Large Beta Bag With Extra Rocks, Etc.
(Place In Surveyor Back-Cont Bag)
- 10 Vacuum PGA's
- 11 Stow Vacuum Brush and 3 Foot Hose in RHSCC
Receive B5 & B6 From CMP And Stow
- 12 Cut Flags/Flames From Ops Covers

146:30

POST DOCKING

146:51

13 CSM Mnyr to LM Jett Att

147:00

CDR IVT TO CSM

- 1 CB(11) COMM: CDR AUDIO - Open
CDR SUIT ISOL - SUIT DISC
- 2 Disconnect LM Hoses And Stow
Transfer To CSM

147:10

CONFIGURE S-BAND

- 1 Verify Jettison Attitude CSM In Narrow Dead-Band, Attitude Hold
- 2 S-BAND - PM, PRIM, PRIM, VOICE, PCM, OFF/RESET, OFF, HI
VHF A: XMTR - VOICE/RANGE
: RCVR - OFF
VHF B: XMTR - OFF
: RCVR - ON
ANT FWD, VERIFY COMM
S BD P _____ (+201)
Y _____ (+73)
SLEW (>3.0)
- 3 V47E, 414+1
- 4 400+3

TARGET PGNS

- 1 P30 Target Impact Burn
N45 VOICE TFI TO CSM
PRO, POO

TARGET AGS

- 1 400+1
410+5
450 _____ E
451 _____ E
452 _____ E
407+0

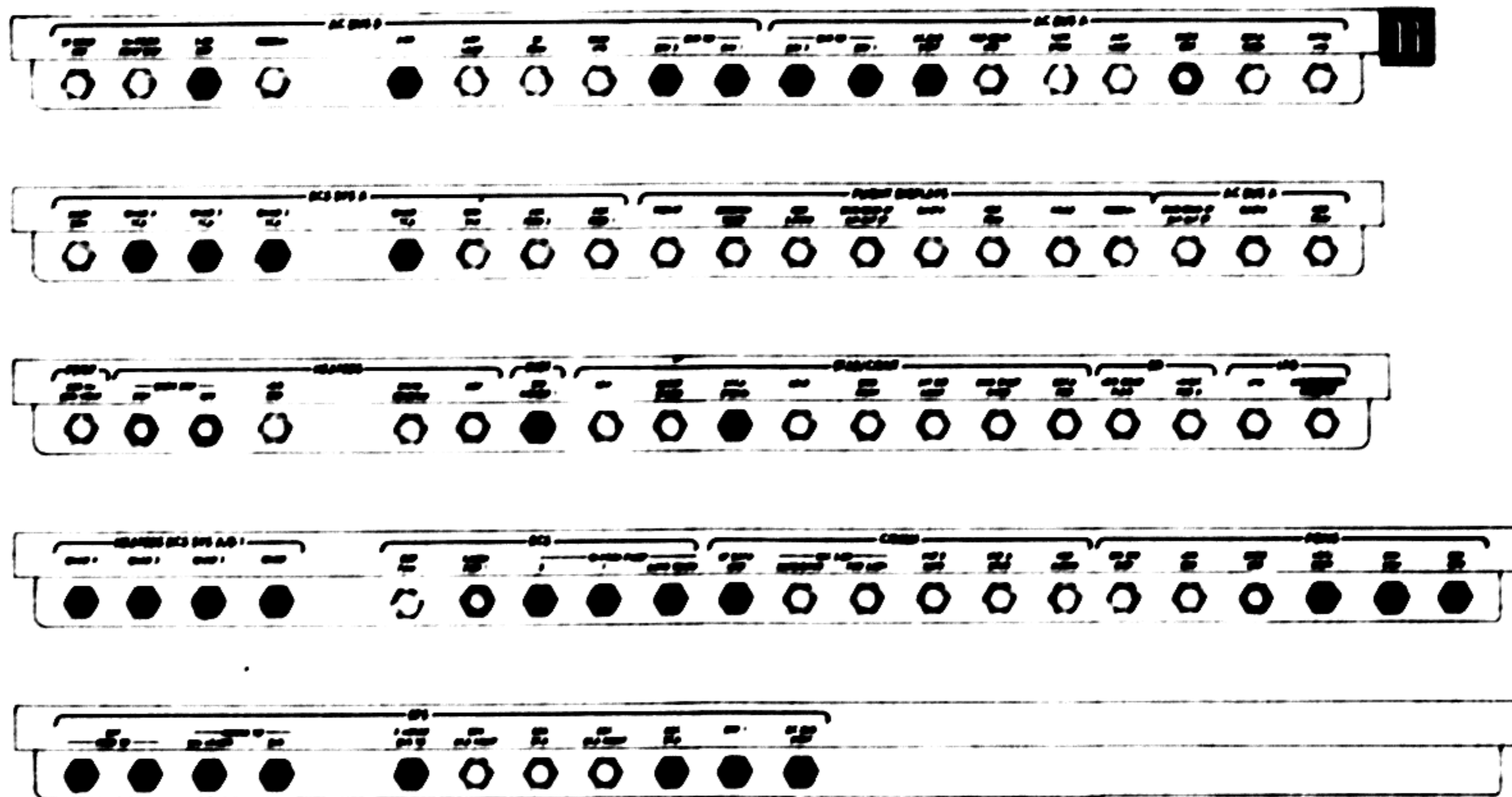
2 500R

147:15

CONFIGURE LM FOR JETTISON

- 1 VERIFY CSM MIN DB/ATT HOLD
GUID CONT - PGNS
MODE CONT: (Both) - AUTO
ATT CONT (3): MODE CONT
Verify INV - 1
- 2 ASC FEED (4) - tb-bp
SYS A&B QUADS (8) - tb-gray
CRSFD - tb-bp
SYS A&B MAIN SOV (2) tb-gray
- 3 SUIT CIRCUIT RELIEF - AUTO
- 4 Configure CB's Per Chart
- 5 Window Shades Up (3)
Install Crash Bars
- 6 S-BAND VOICE OFF

POST DOCKING



POST DOCKING

16	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]
	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]
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LMP IVT TO CSM

- 1 Stow HSB's On Floor
LMP SUIT ISOL - SUIT DISC
Disconnect LM hoses And Stow

- 2 EXTERIOR LTG - TRACK
BAT 5&6 BACK UP FEED-ON,
tb(2) gray
FLOOD Lt - OFF
Verify OvrD Dump Vlv-Auto

- 3 Transfer To CSM

LM TO CM TRANSFER LIST

Suits and Ancillary Eqpt:

- IV Gloves
- Helmet
- Comm Cap
- Matches (2)
- Monocular
- Sunglasses In Pouch
- Pens & Pencil
- Penlights
- Scissors
- Box of Kleenex
- 16mm Magazines (6)
- 70mm Magazines (5)
- All Documents In Flight Data File
- PPK's (2)
- DSEA
- CSRC
- CSC Cassette
- SRC (2)
- Surveyor Bag
- Lunar Boots, Etc.
- Unopened Food Bags
- Used Urine Bags
- Used Fecal Bags