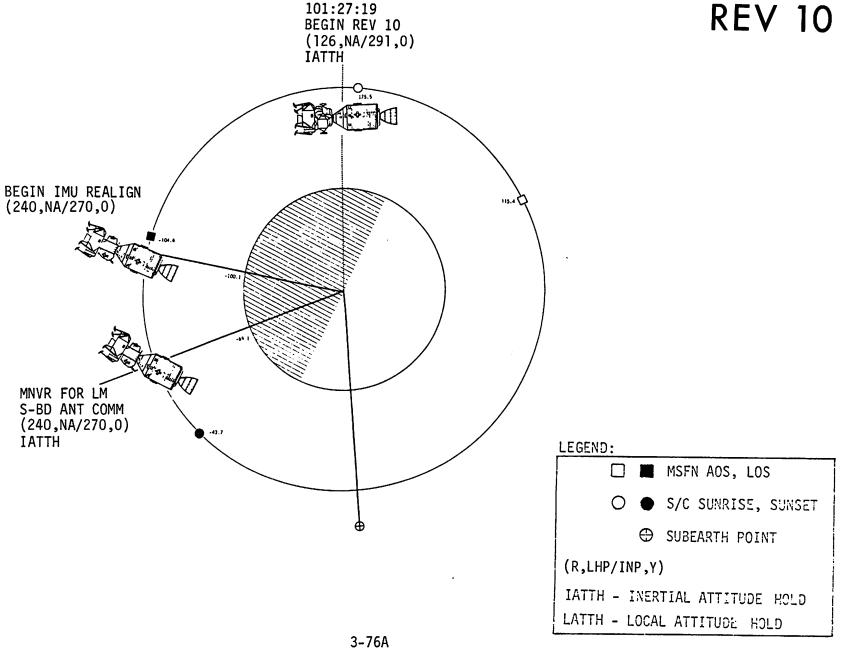
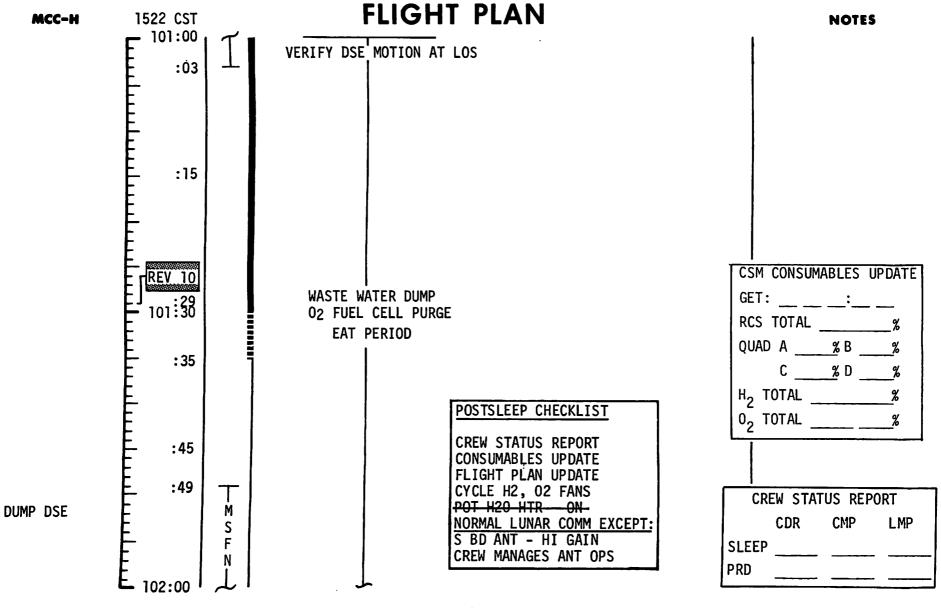
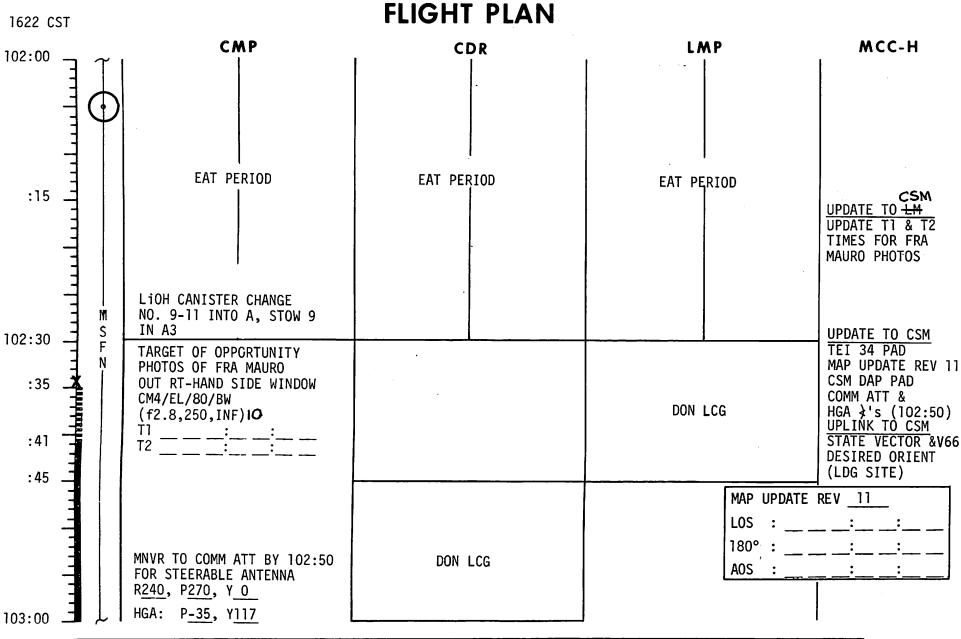
APOLLO 12					
CMP SOLO BOOK					
PART NO	S/N				
SKB32I0008I-353	1002				

REV 10





MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969	101:00 - 102:00	5/9-10	3-77



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969	102:00 - 103:00	5/10	3-78

MSC Form 8458 (Jan 69)

FLIGHT PLANNING BRANCH

FLIGHTPLAN

1722 CST

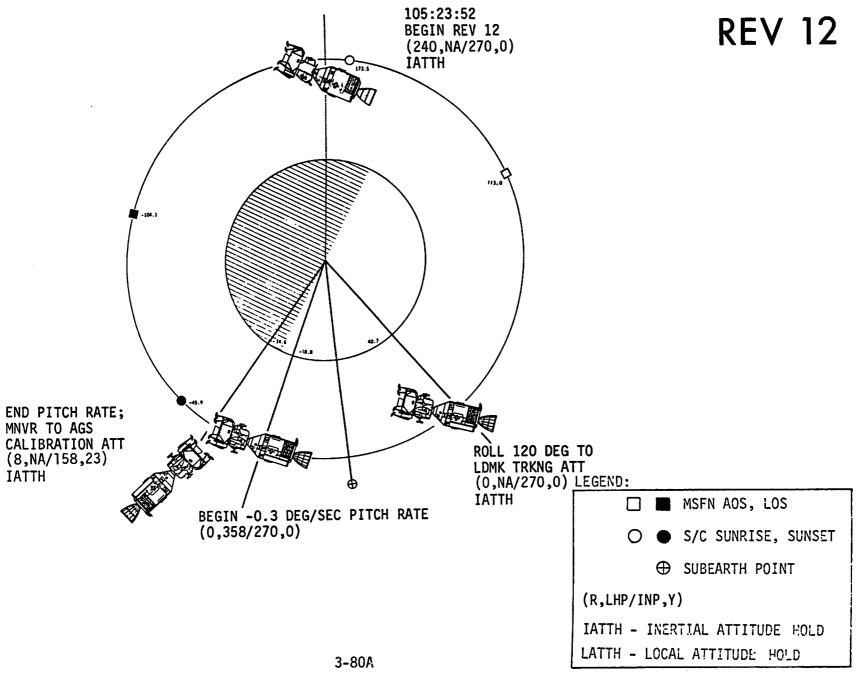
__ CMP LMP MCC-H CDR 103:00 VERIFY DSE MOTION AT LOS :01 P52 - IMU REALIGN OPTION 1 - (PREFERRED) P52 (LDG SITE ORIENT) N71: N05: :15 N93: DON PGA W/O HELMET & GLOVES REV 11 :27 103:30 EQUALIZE CM/LM PRESSURE :34 MAP UPDATE REV 12 OPEN & STOW CM HATCH LOS REMOVE & STOW PROBE & DROGUE CHECK LATCHES :45 REACQUIRE MSFN : 47 AOS HGA: P-35, Y117 VERIFY DOCKING TUNNEL M S INDEX ANGLE DUMP DSE REPORT DOCKING TUNNEL INDEX ANGLE OPEN LM HATCH UPDATE TO CSM DON PGA W/O HELMET & GLOVES MAP UPDATE REV 12 IVT TO LM 104:00

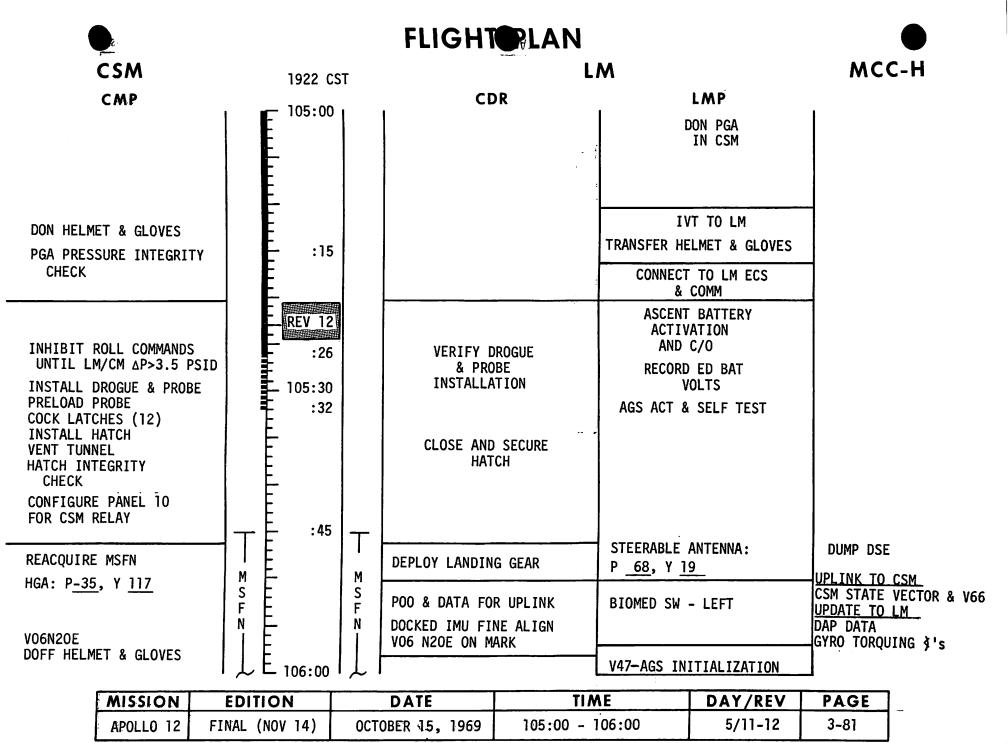
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969		5/10-11	3-79

FLIGHT PLAN

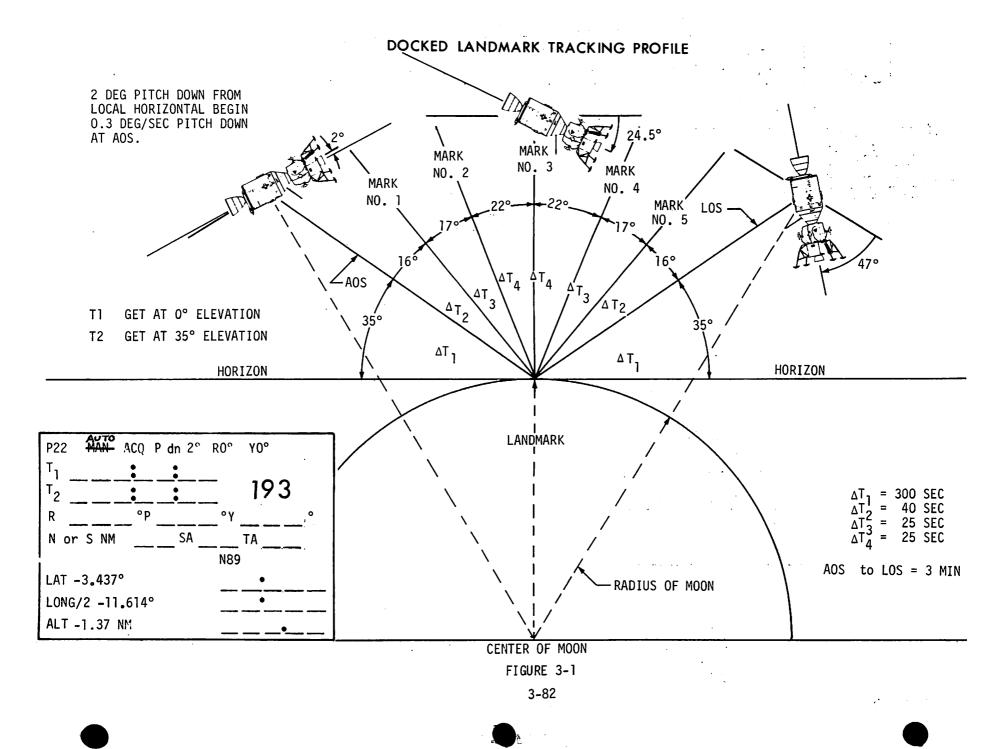
MCC-H LMP CMP CDR 104:00 TRANSFER TO LM POWER CSM POWER TO LM OFF AT LMP'S REQUEST DON PGA LM FAMILIARIZATION & W/O HELMET & GLOVES HOUSEKEEPING (IF NECESSARY) **EPS ACTIVATION** UPDATE TO CSM S-BAND ACTIVATION P22 LDMK MISSION TIMER ACTIVATION :15 TRACKING PAD PRIMARY GLYCOL LOOP ACT CONFIGURE CAMERAS FOR CAUTION/WARNING C/O UNDOCKING DISCONNECT & STOW CM2/DAC/18/CEX-BRKT-MIR CB ACTIVATION (f8,250,7) 6fps, 16 MIN LM POWER UMBILICAL CM4/TV-IN BRKT (f22) TB VERIFICATION **UPDATE TO LM** STEERABLE ANT &'s SEC S-BAND T/R & CM2/EL/80/CEX IVT TO LM S 104:30 POWER AMPL CHECK BY 104:30 (f8,250,50) 10 TRANSFER HELMET & GLOVES (IF REO'D) INHIBIT B3&C4 CSM THRUSTERS :33 S-BAND STEERABLE ANTENNA ECS ACTIVATION & C/O CONNECT TO LM ECS ACT: P 68, Y 19 UPDATE TO LM SUIT FAN/H20 SEP CHECK PGNCS TURN-ON & SELF TEST :40 STEERABLE ANT &'s LM CLOCK SYNC: VO6N65 GLYCOL PUMP CHECK LGC/CMC CLOCK SYNC (105:49) T EPHEM: VO5NO1E 1706E T EPHEM UPDATE (IF REO'D) LM VHF CHECKOUT: VHF CHECKOUT :45 E MEMORY DUMP VHF AM(B)-SIMPLEX VHF RCV ONLY-B DATA IVT TO CSM DOCKED IMU COARSE ALIGN VHF AM(B)-OFF VHF AM(A)-SIMPLEX REPORT GIMBAL ANGLES & TIME TO MSFN V06N20E (ON CDR'S MARK) FWD OMNI - LBR MIN DB FOR LM ALIGN DON PGA SLEW STEERABLE ANT: VERIFY DSE MOTION AT LOS P 68, Y 19 RECORD LM PCM DATA 105:00

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969	104:00 - 105:00	5/11	3-80



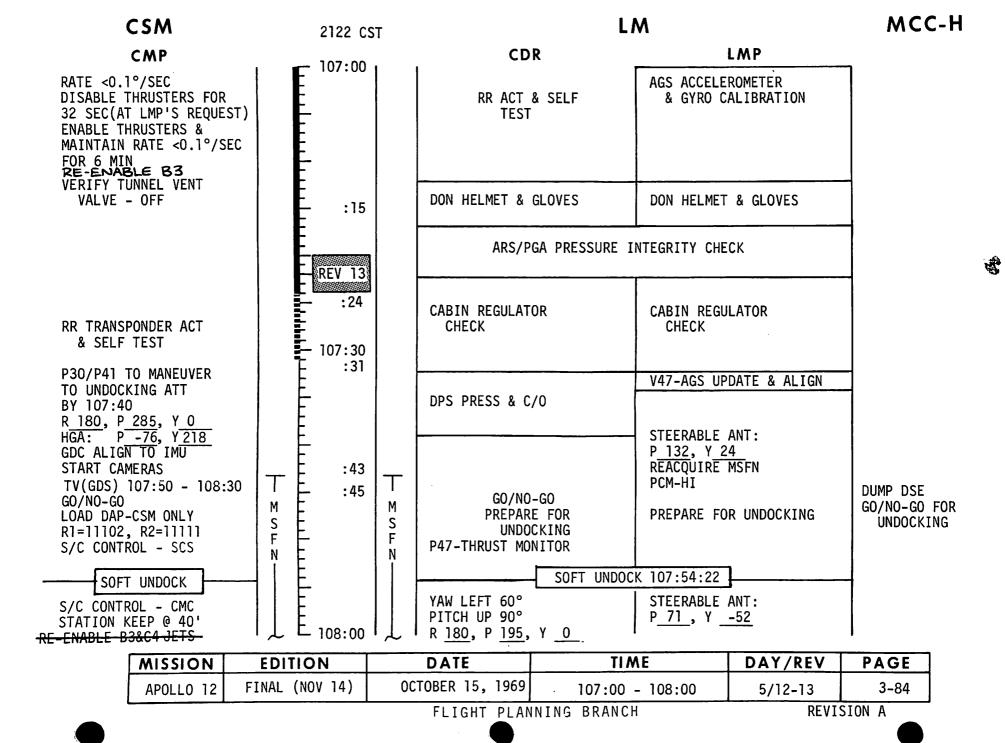


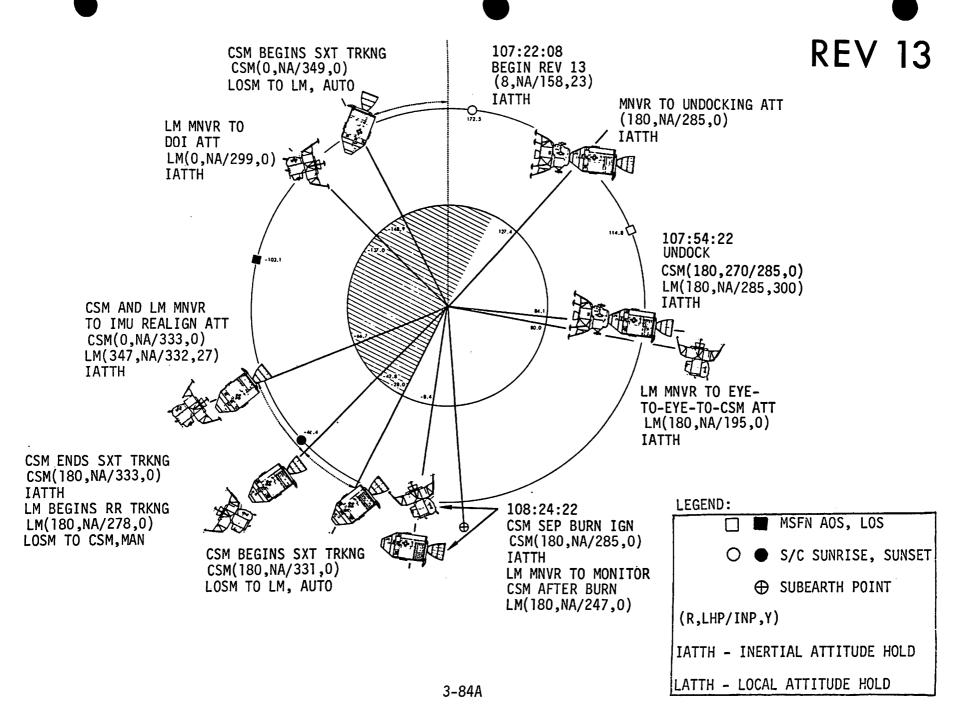
FLIGHT PLANNING BRANCH



FLIGHT MCC-H **CSM** LM 2022 CST LMP CMP CDR 106:00 UPLINK TO LM DAP SET - GIMBAL & LOAD AGS PAD LS REFSMMAT THROTTLE TEST LM SV & V66 LGC/CMC CLOCK SYNC LOAD DAP - 32022 PIPA BIAS SELECT OMNI D LGC ABORT CONSTANT ROLL 120° TO TRACKING SELECT OMNI-FWD E-MEMORY UPDATE ATT AT 106:10 (IF REO'D) R O , P270, Y O UPDATE TO CSM :15 RATE GYRO SEP TIME & **TEST** UNDOCK TIME VO6N2O ON MARK SLEW STEERABLE ANT: V06N20E UPDATE TO LM VERIFY DSE MOTION P22-ORBITAL NAVIGATION P 104, Y 01 AGS K FACTOR FOR AGS CAL PITCH ATT AGS ABORT ESTABLISH 0.3°/SEC RCS PRESSURIZATION RCS PRESSURIZATION **CONSTANTS** PITCH RATE AT LDMK AOS STEERABLE ANT &'s TRACK LDG SITE LDMK 193 M (IF REQ'D) DO NOT PROCEED ON N89 S S UPDATE TO CSM 106:30 25 SEC BETWEEN MARKS, F MAP UPDATE REV 13 :32 5 MARKS N STOP AGS CAL PITCH@P]58 BY 106:35 HGA: P-47, Y168 V06 N20E MAP UPDATE REV 13 :38 LOS VO6 N20E ON MARK MNVR TO AGS CAL 180° ATT BY 106:45 R 8 , P 158, Y 23 AOS HGA: P-41, Y 139 :45 VO6N2OE ON MARK V06N20E SC CONTROL-SCS MIN/MAX DB. LOW/HIGH ▼RATE(AT CDR'S REQUEST) RCS CHECKOUT RCS CHECKOUT UPDATE TO LM CMC FRÈE FOR RCS STEERABLE ANT }'s HOT FIRE (107:47)VERIFY DSE MOTION AT LOS :57 FWD OMNI-LBR RECORD LM PCM DATA INHIBIT THRUSTER B3 SLEW STEERABLE S-BD 107:00 FOR LM RR SELF TEST ANT: P 132, Y 24

EDITION DATE TIME DAY/REV MISSION PAGE 106:00 - 107:00 FINAL (NOV 14) APOLLO 12 OCTOBER 15, 1969 5/12 3-83 REVISION A







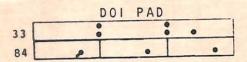
CMP SOLO BOOK

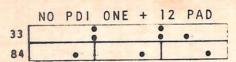


Flight Pages not like this

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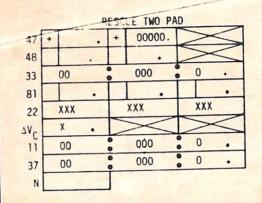
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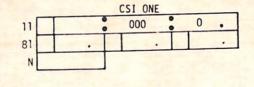




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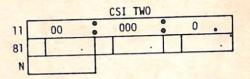
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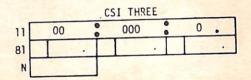


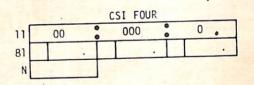


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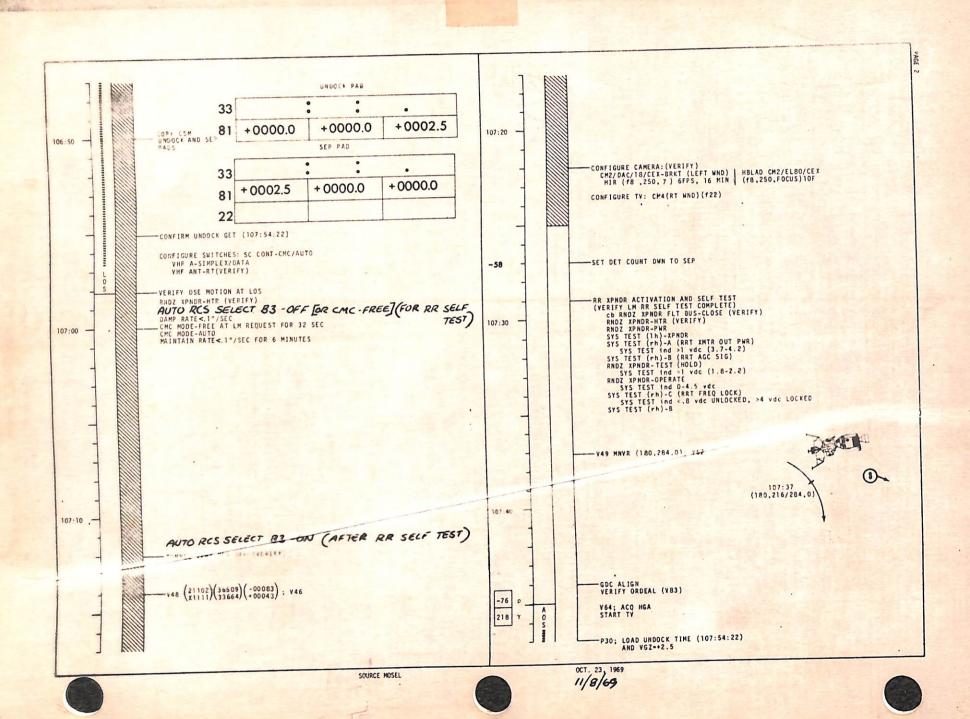


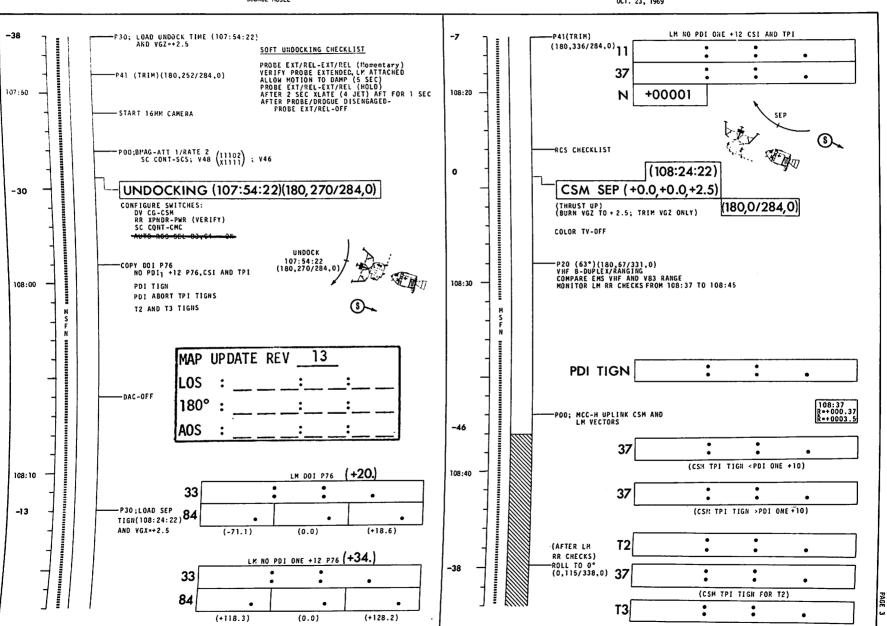


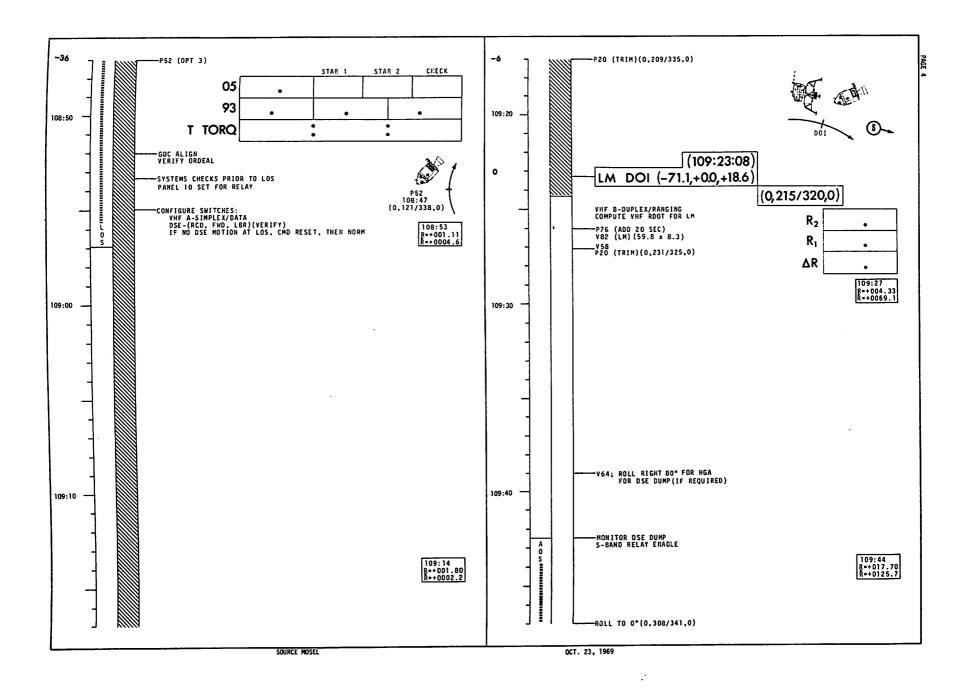


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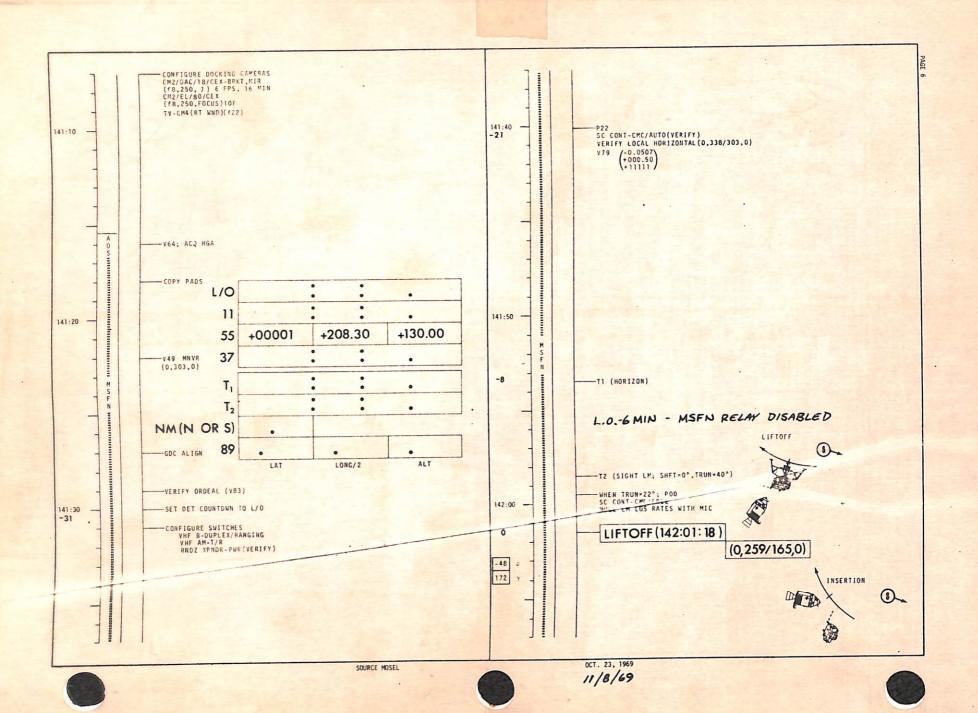
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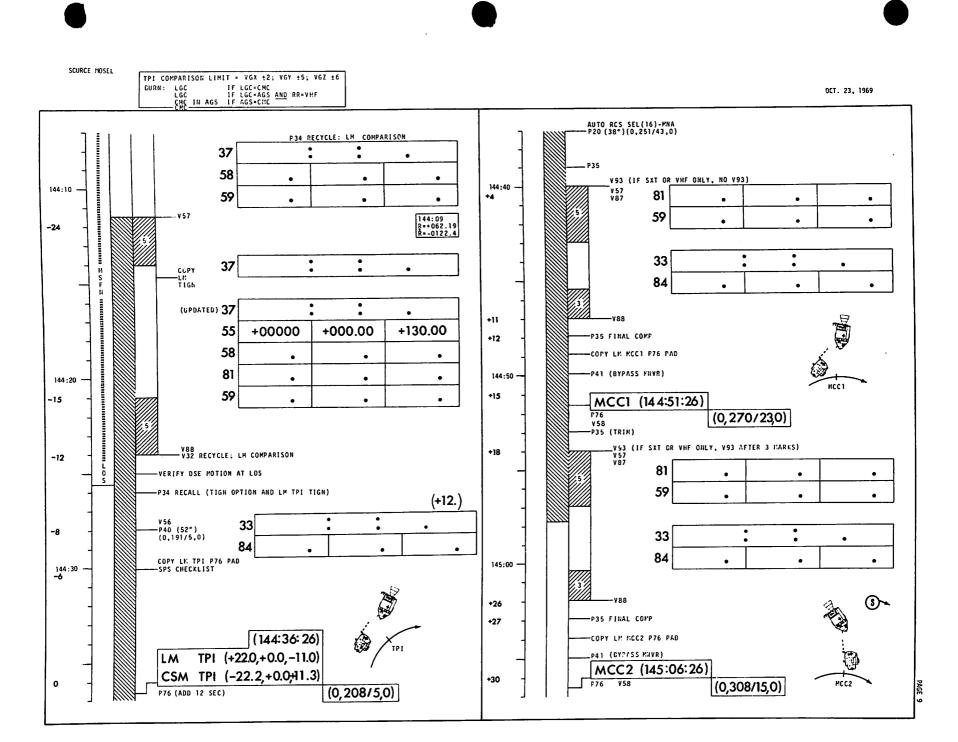


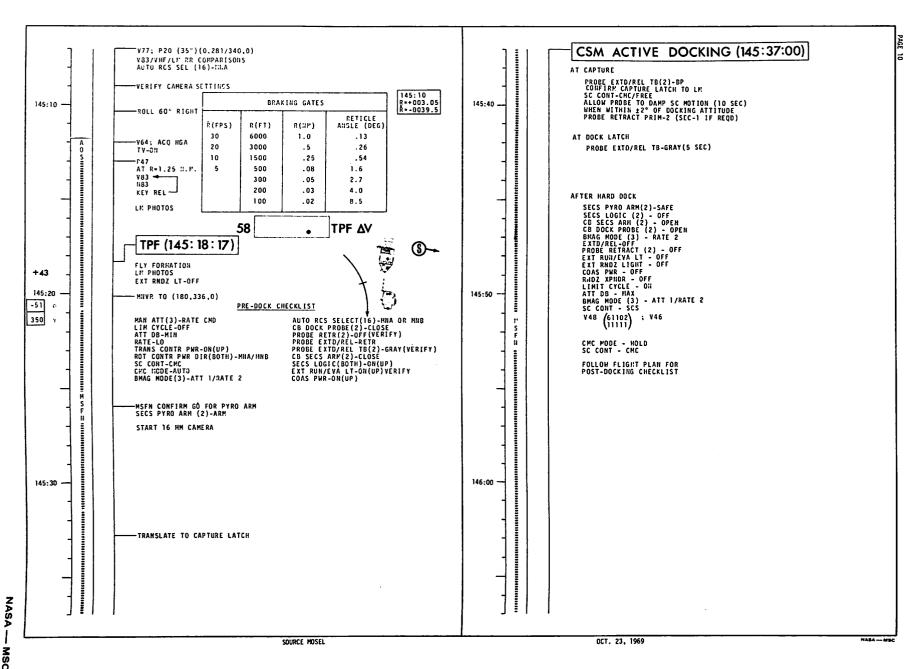




Flight pages not like this 11/8/69 OCT. 23, 1969 SOURCE MOSEL -ROLL TO 0° (0,308/341,0) 100; OPTICS SHET+O, TRUN=22 SC CONT-CMC/FREE NULL LM LOS RATES WITH MIC P20 (6") (0.322/347.0) LM PDI (110:20:00) 109:50 0 V67 (+10000,+00100,+00001) (0,9/304,0) MAP UPDATE REV -V57 V87 (V16NO2, 46E 180° - SWITCH TO OMNI-A(AS REQD) -30 109:59 R=+050.70 R=+0324.7 TOUCHDOWN 175 110:30 110:00 +40 +11 TOUCHDOWN (110:31:19) (0, 236/134,0) +45 -LOS OF LM P20 110:02 (0,350/339,0) 'V44 (SET SURFLG) CONFIGURE SWITCHES: VHF RANGING-GFF VHF T/R (PANEL 9) TO RCV 110:40 110:10 P52 (0,228/81,0) -51 0 -SC CONT-CMC/HOLD AT (0,208/81.0) 13 Y CHECK -SYSTEMS CHECKS PRIOR TO LOS STAR 1 STAR 2 110:14 R=#110.50 R=+0457.1 05 -GO/NO-GO PDI +54 93 T TORQ +56 P52(OPT 3):GDC ALIGN ** FOLLOW FLIGHT PLAN UNTIL 141 07**

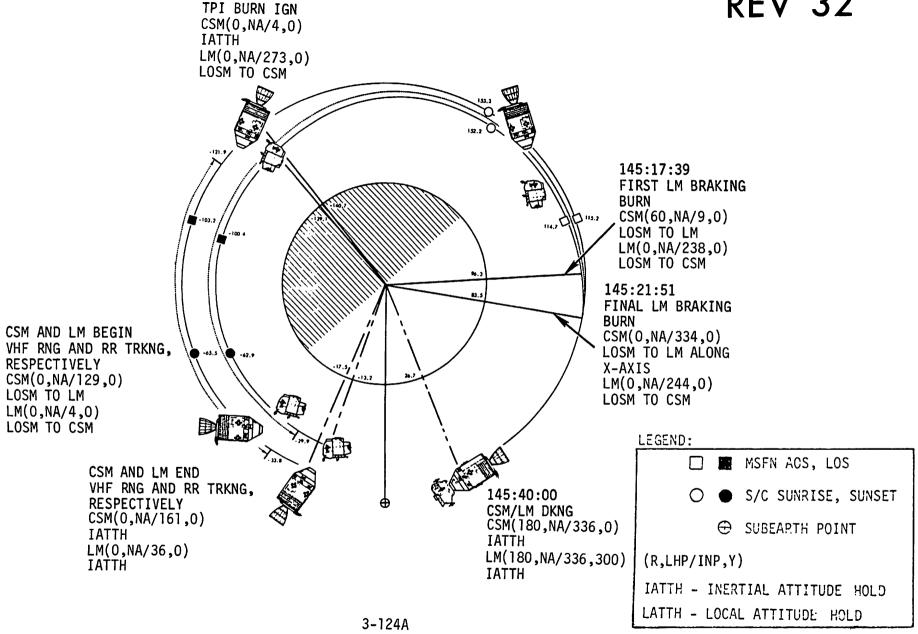




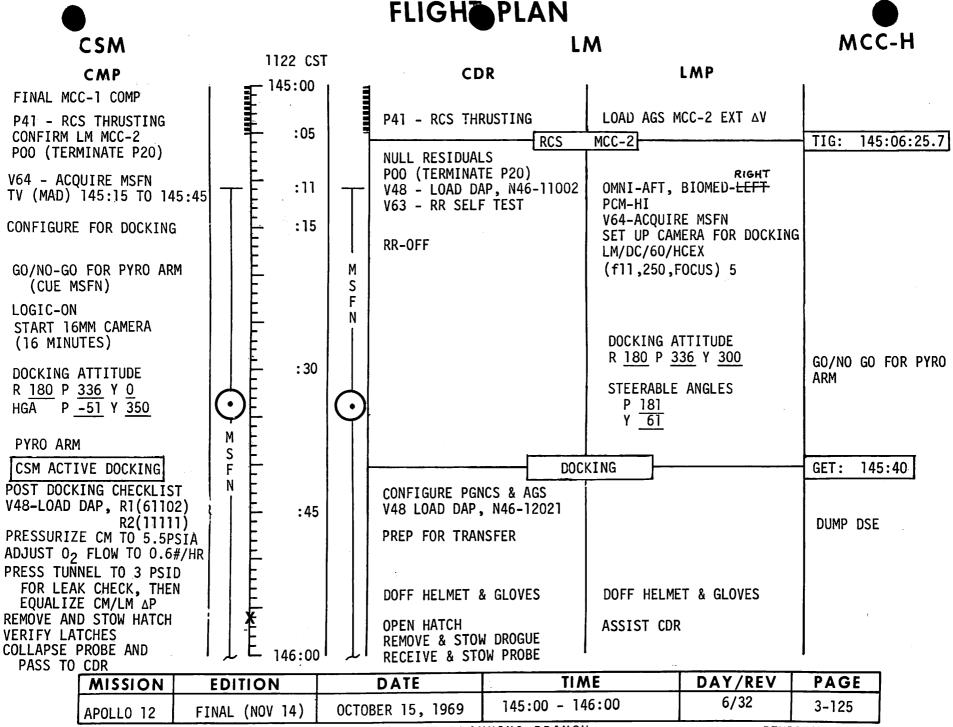


MSC 2282-70

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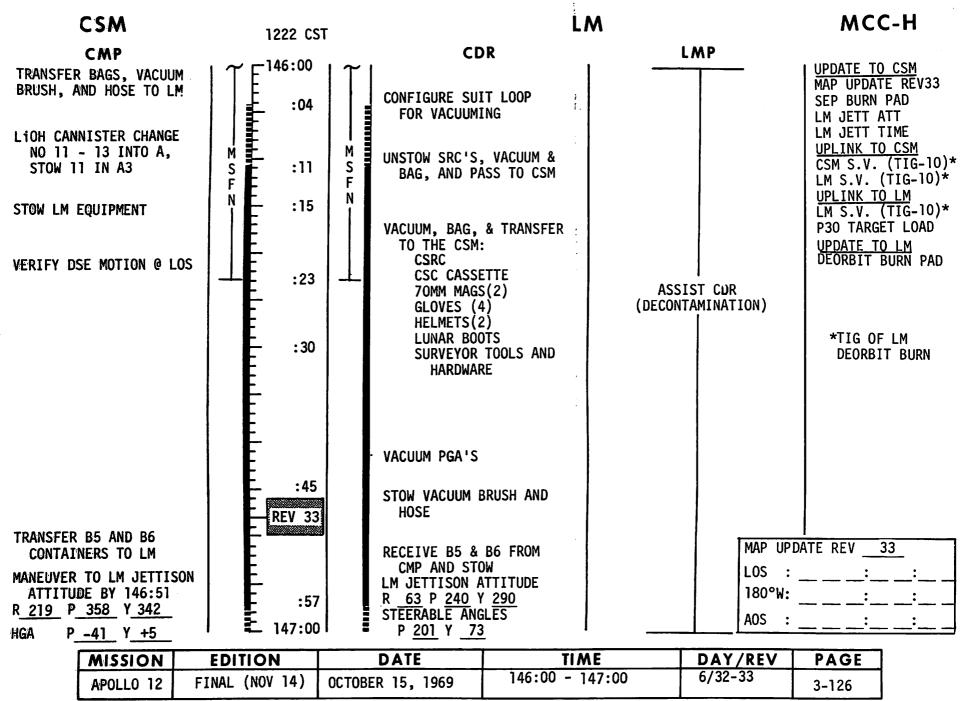


144:36:50

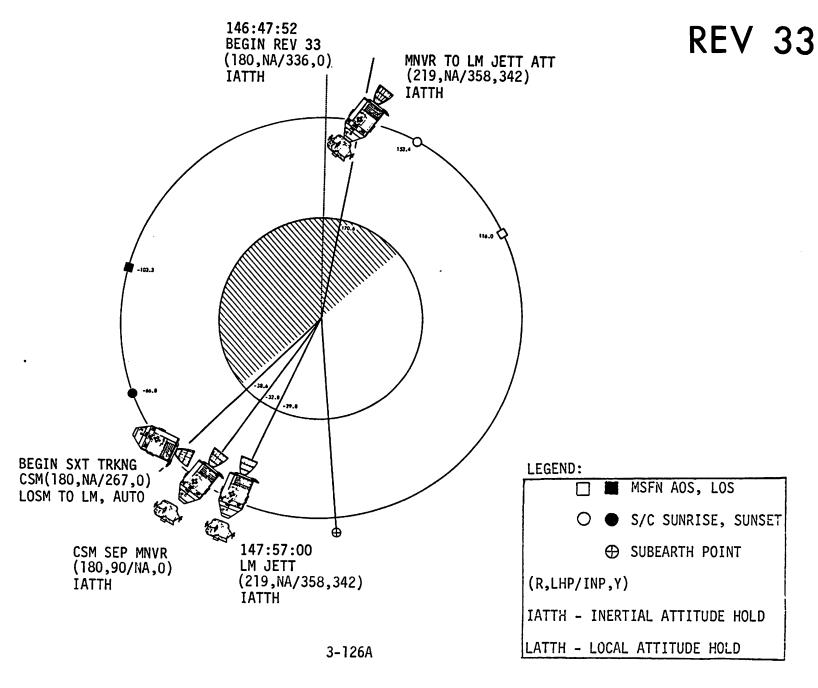


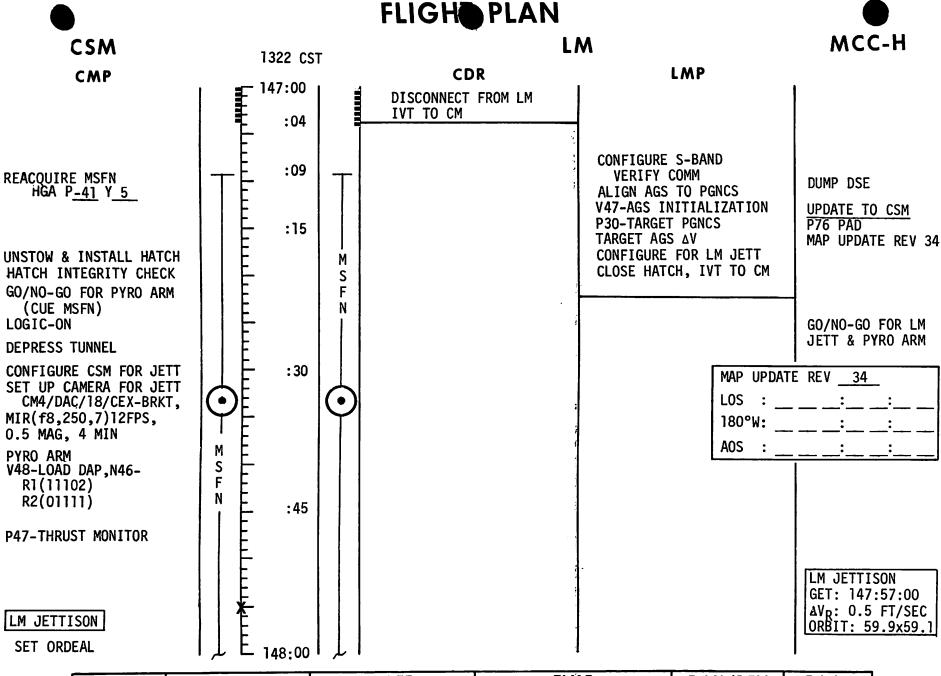
FLIGHT PLANNING BRANCH

REVISION A

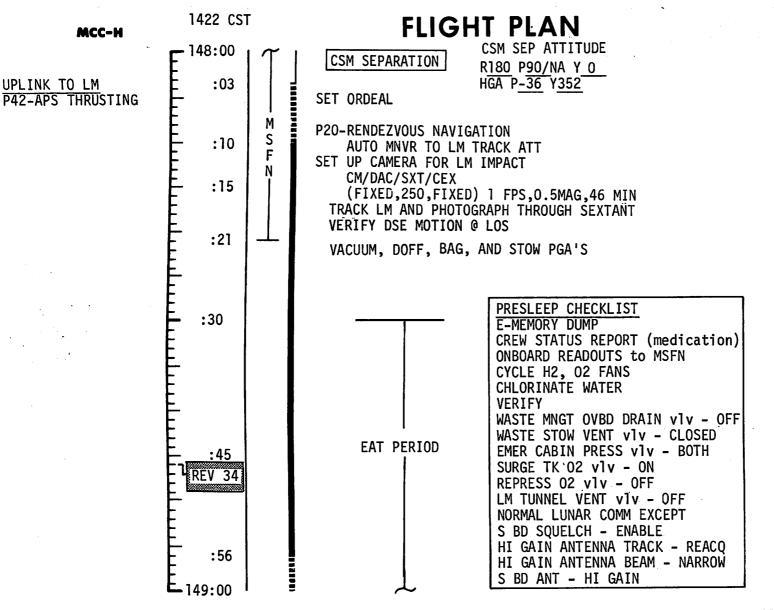


FLIGHT PLANING BRANCH





MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969	147:00 - 148:00	6/33	3-127



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969	148:00 - 149:00	6/33-34	3-128

MSC Form 29 (May 69)

UPLINK TO LM

FLIGHT PLANNING BRANCH

REVISION A

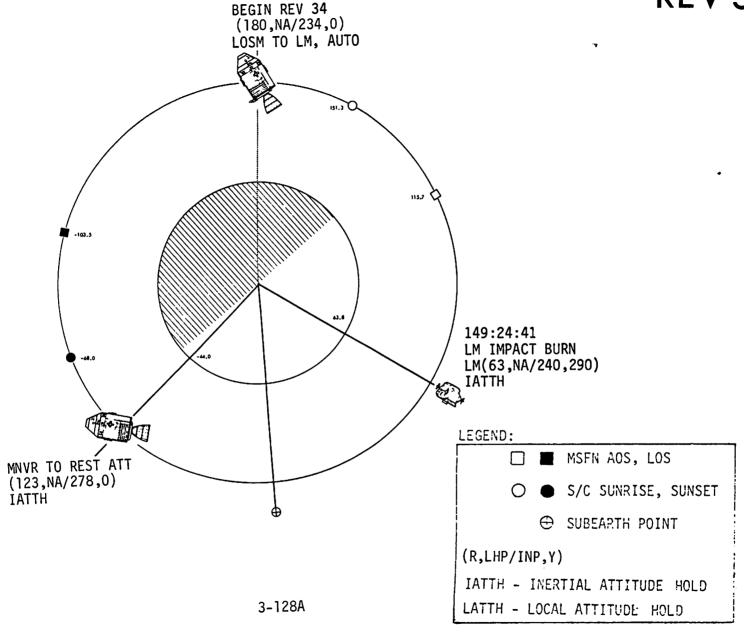
NOTES

BT: 2.7 SEC 5.5 SEC

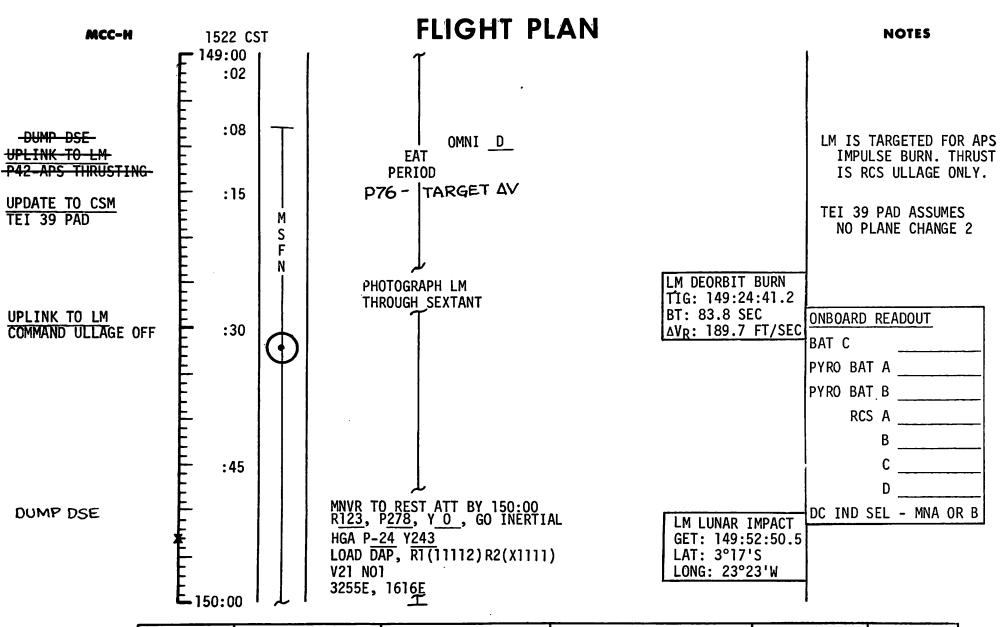
CSM SEPARATION

ΔVR: 1.0 FT/SEC

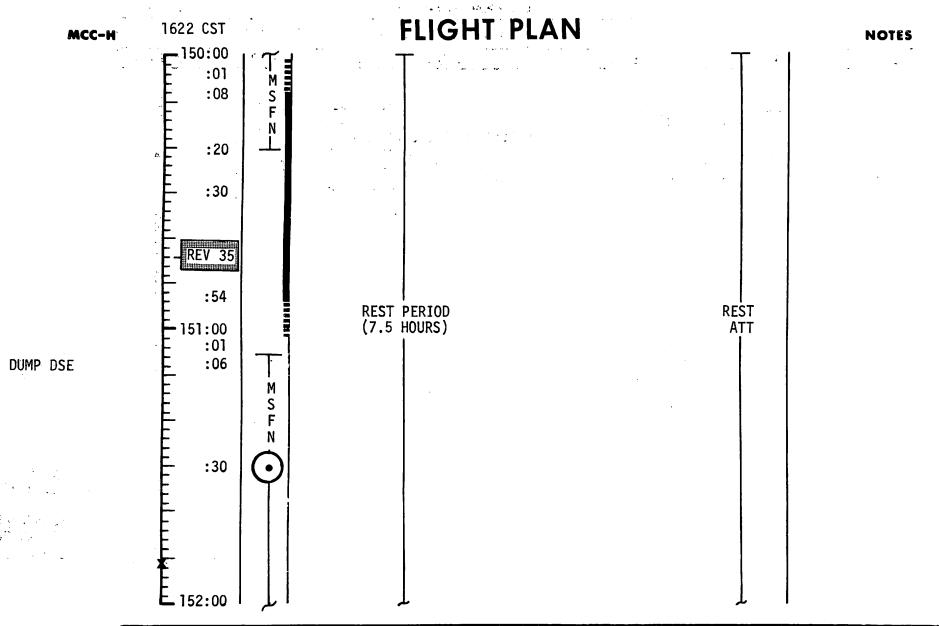
ORBIT: 59.7x58.6 SM RCS Z-AXIS BURN



148:46:07



	MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
ſ	APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969	149:00 - 150:00	6/34	3-129



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 12	FINAL (NOV 14)	OCTOBER 15, 1969	150:00 - 152:00	6/34-35	3-130

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FLIGHT PLANNING BRANCH

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