

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	76:00 - 77:00	4/TLC	3-70

FLIGHT PLANNING BRANCH

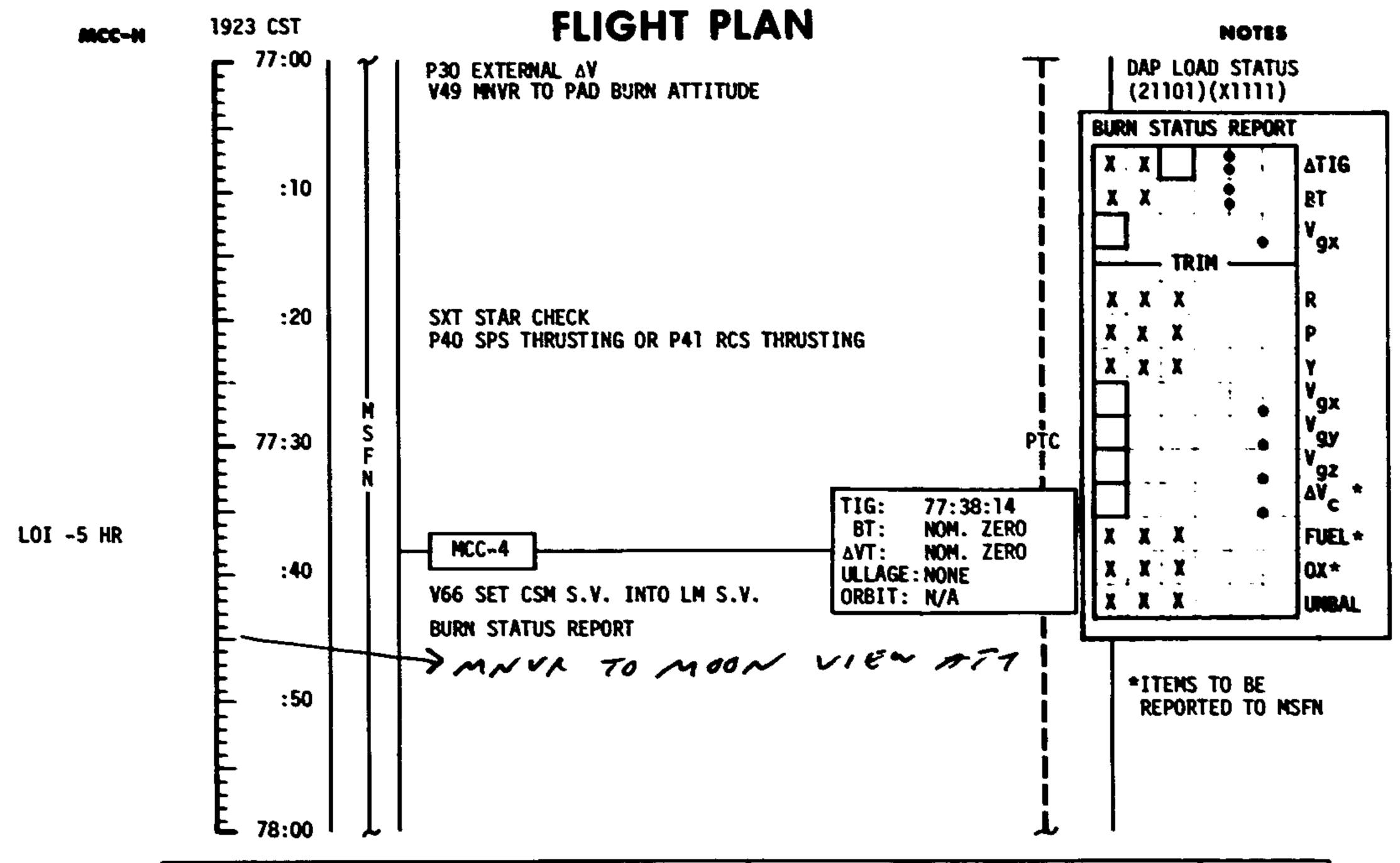
MASA --- MSC

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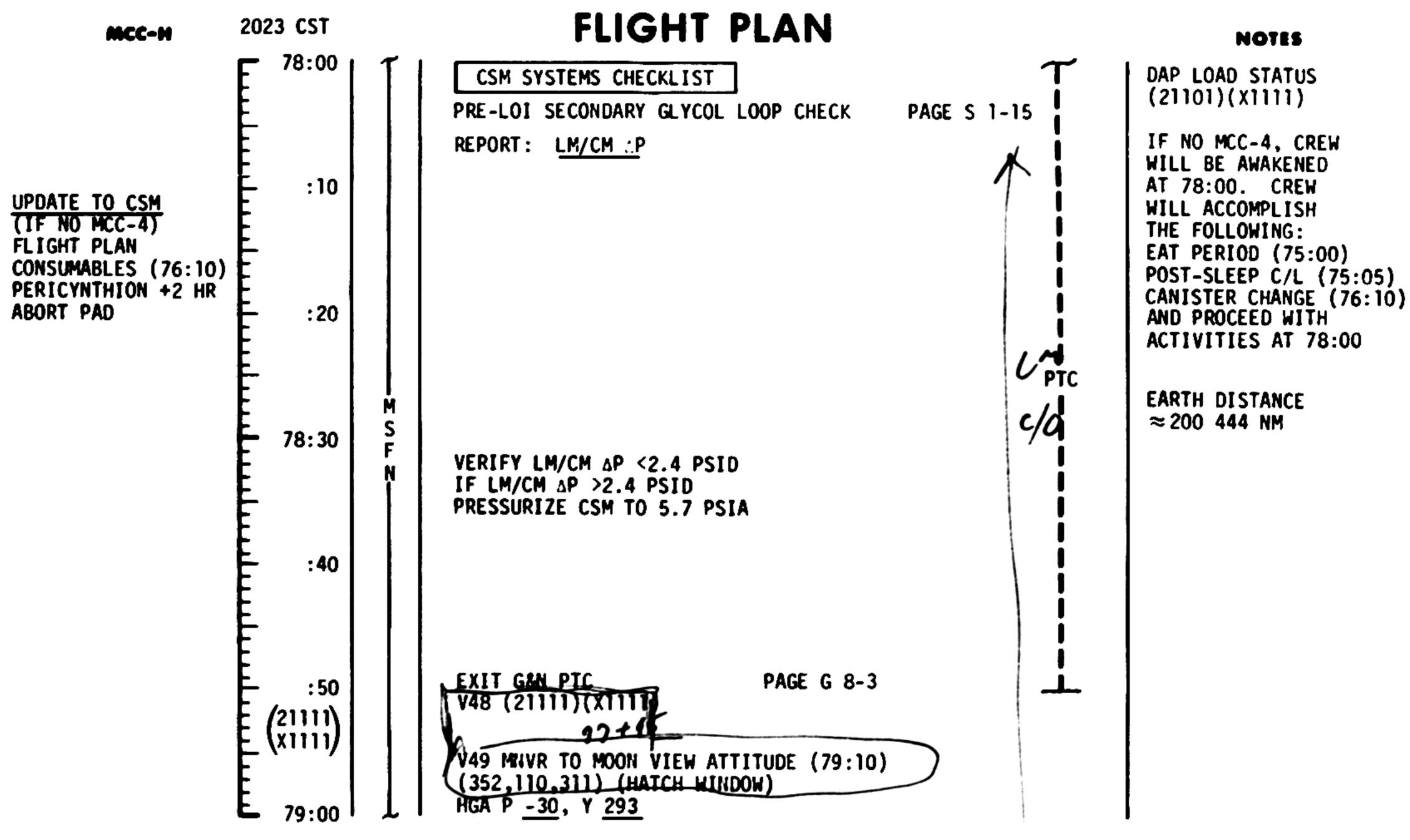
# FLIGHT PLAN

MCC-4 BURN CHART

P OR Y	ATT	SHUTDOWN	RESIDUALS
RATE	DEVIATION	TIME	
10°/SEC	±10°	BT + 1 SEC	TRIM X AXIS ONLY
TERMINATE	TERMINATE		TO 1.0 FPS



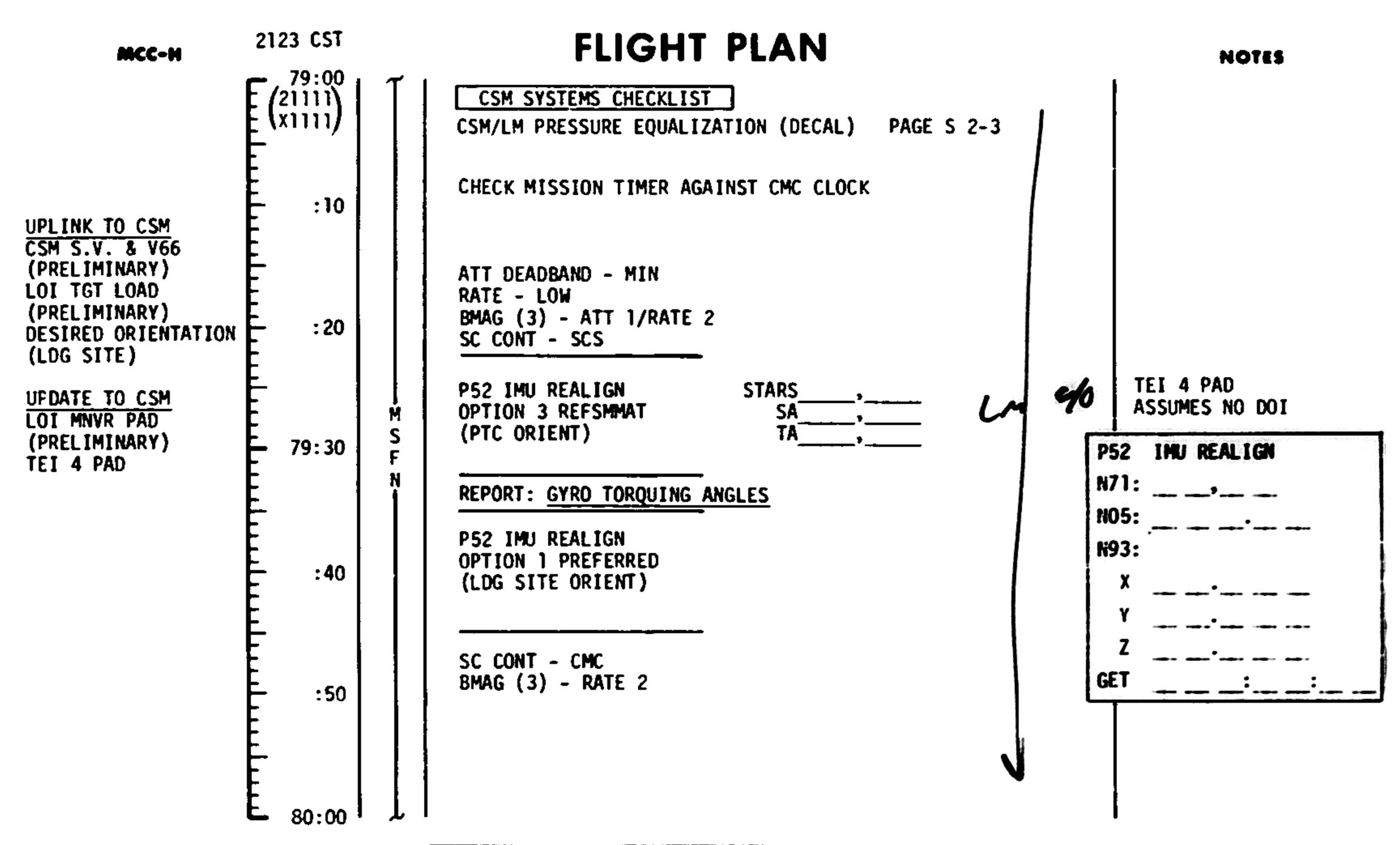
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	77:00 - 78:00	4/TLC	3-73



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	78:00 - 79:00	4/TLC	3-74

FLIGHT PLANNING BRANCH

NASA — MCC



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	79:00 - 80:00	4/TLC	3-75



2223 CST

#### FLIGHT PLAN

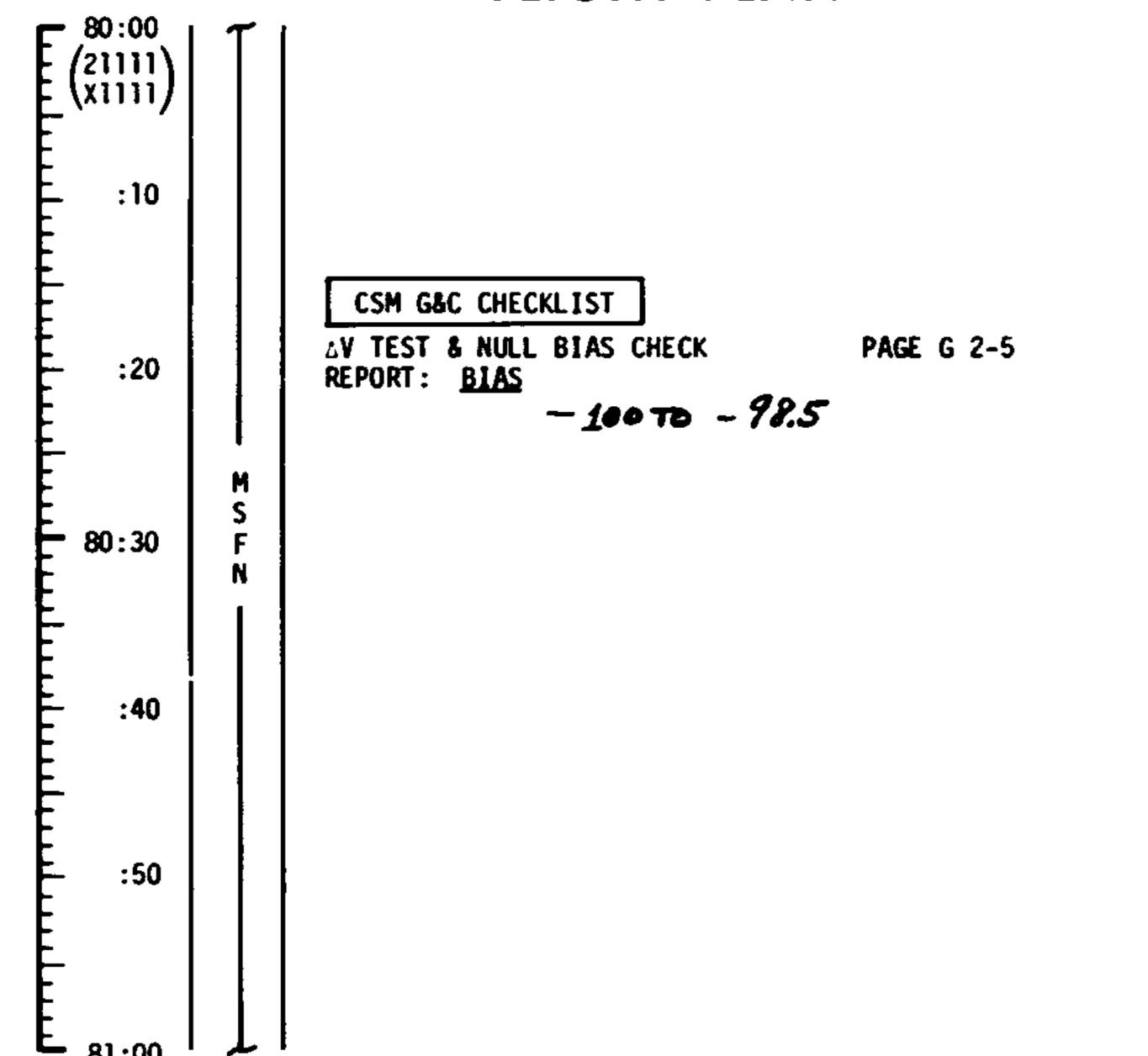
NOTES

CM\_/EL/80 OR 250/BW (f5.6,250,∞)(10 FR) MAG (P )\_\_, FR #

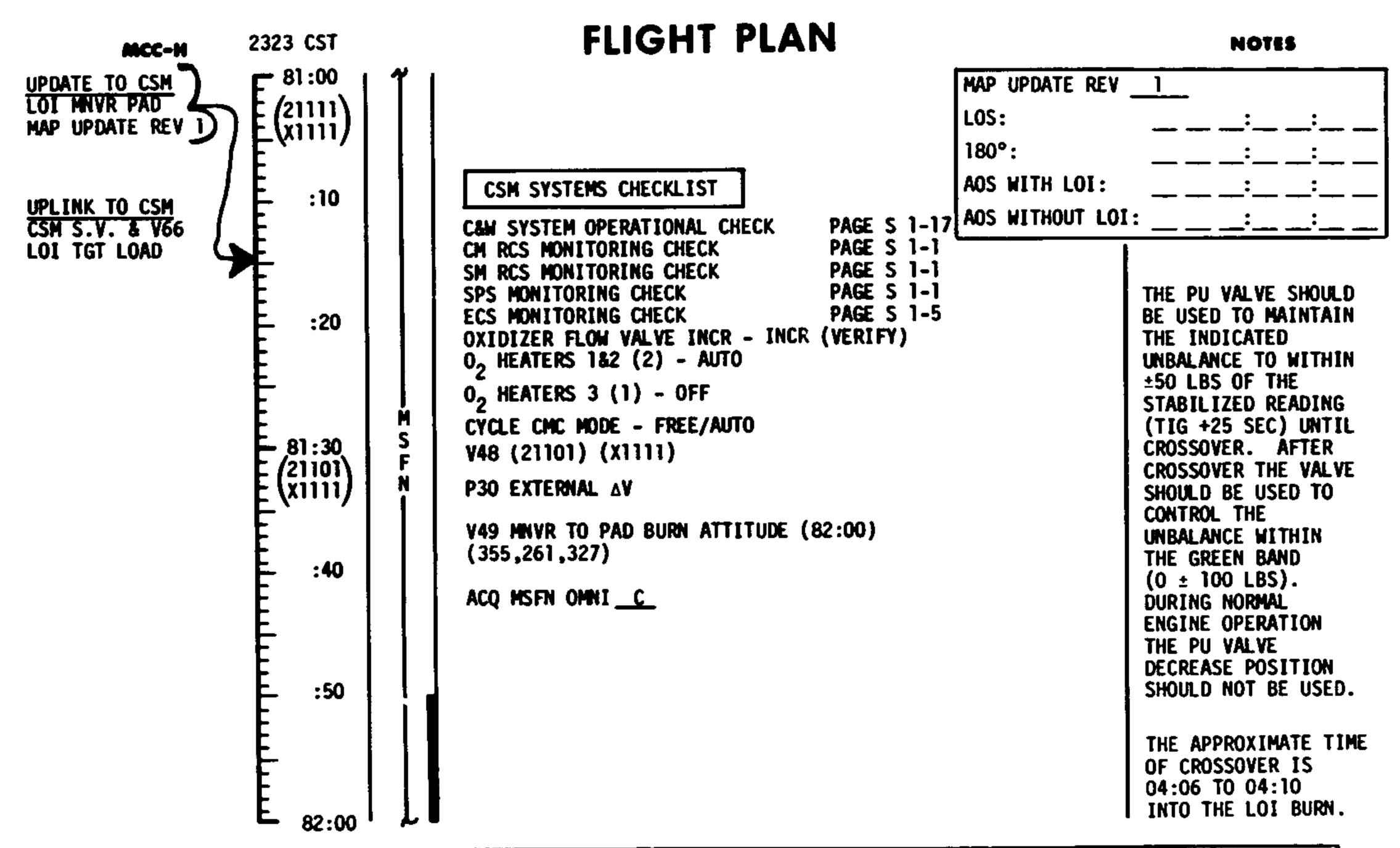
CM\_/EL/80 OR 250/CEX (f5.6,250,-)(10 FR) MAG(L)\_\_, FR #\_\_\_

LUNAR PHOTOGRAPHY

AT CREW OPTION

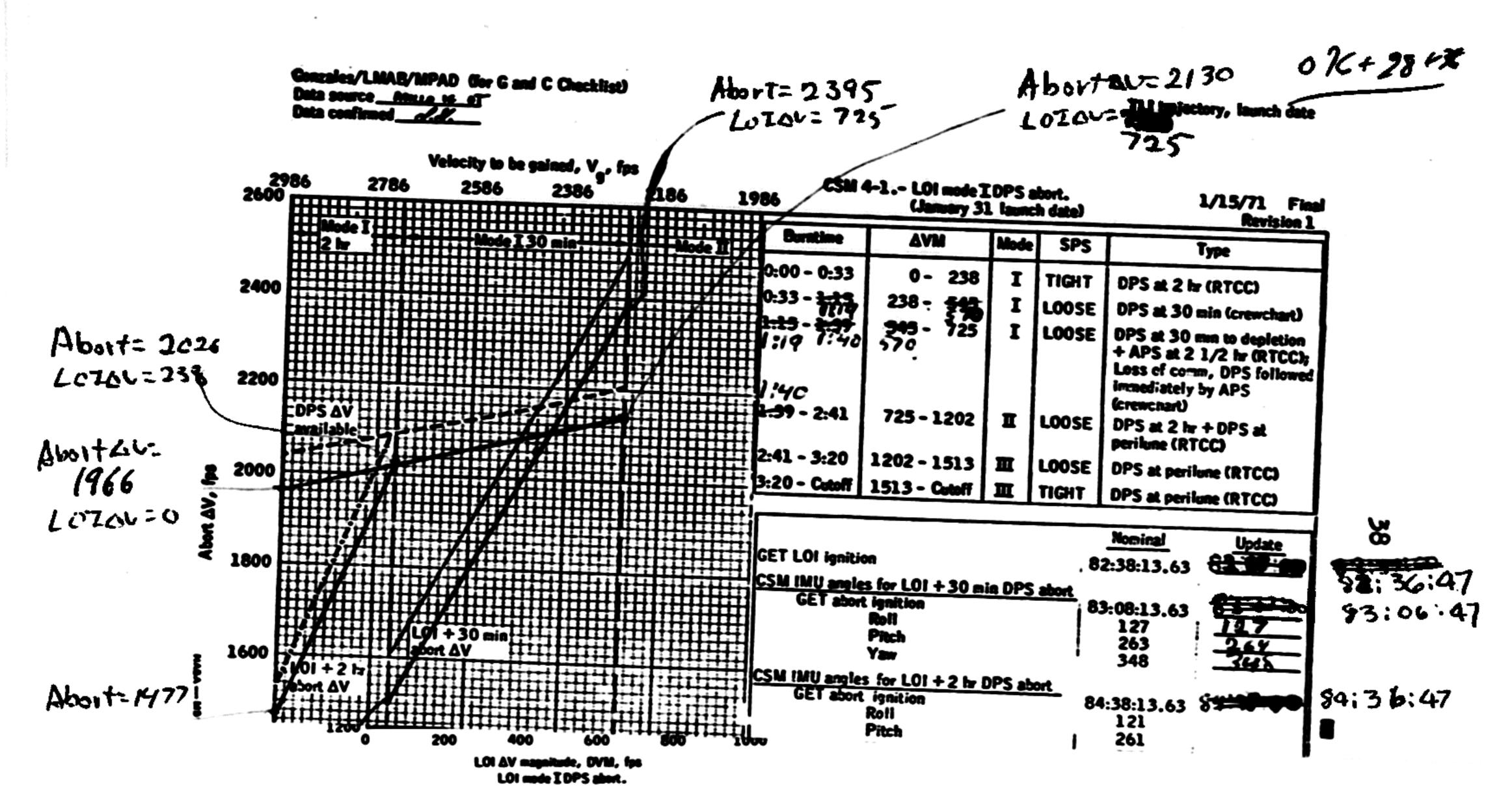


MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	80:00 - 81:00	4/TLC	3-76



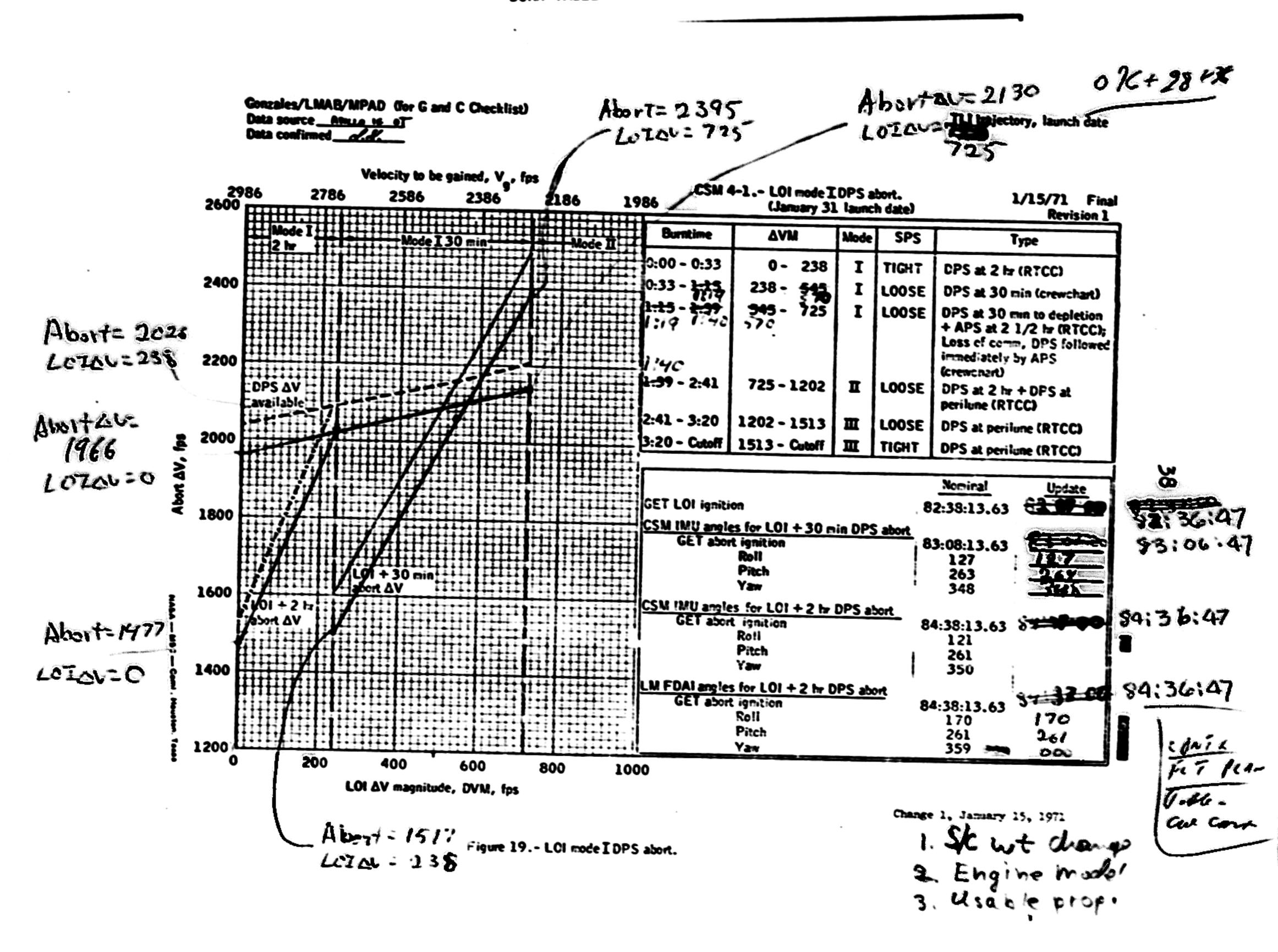
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	CHANGE A (JAN)	DECEMBER 23, 1970	81:00 - 82:00	4/TLC	3-77

TABLE 3-6 LOI BURN TABLE AND ABORT CHART

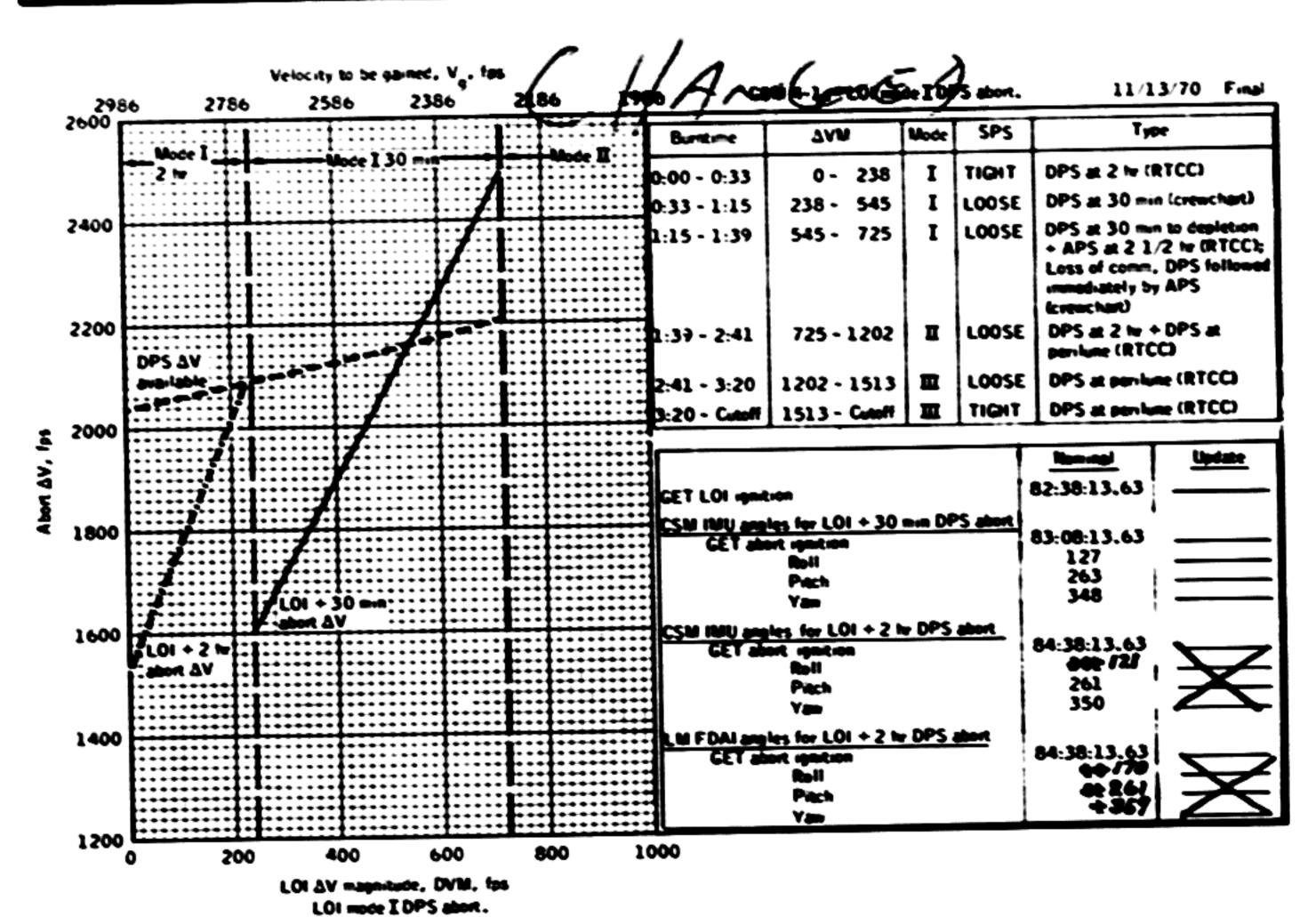


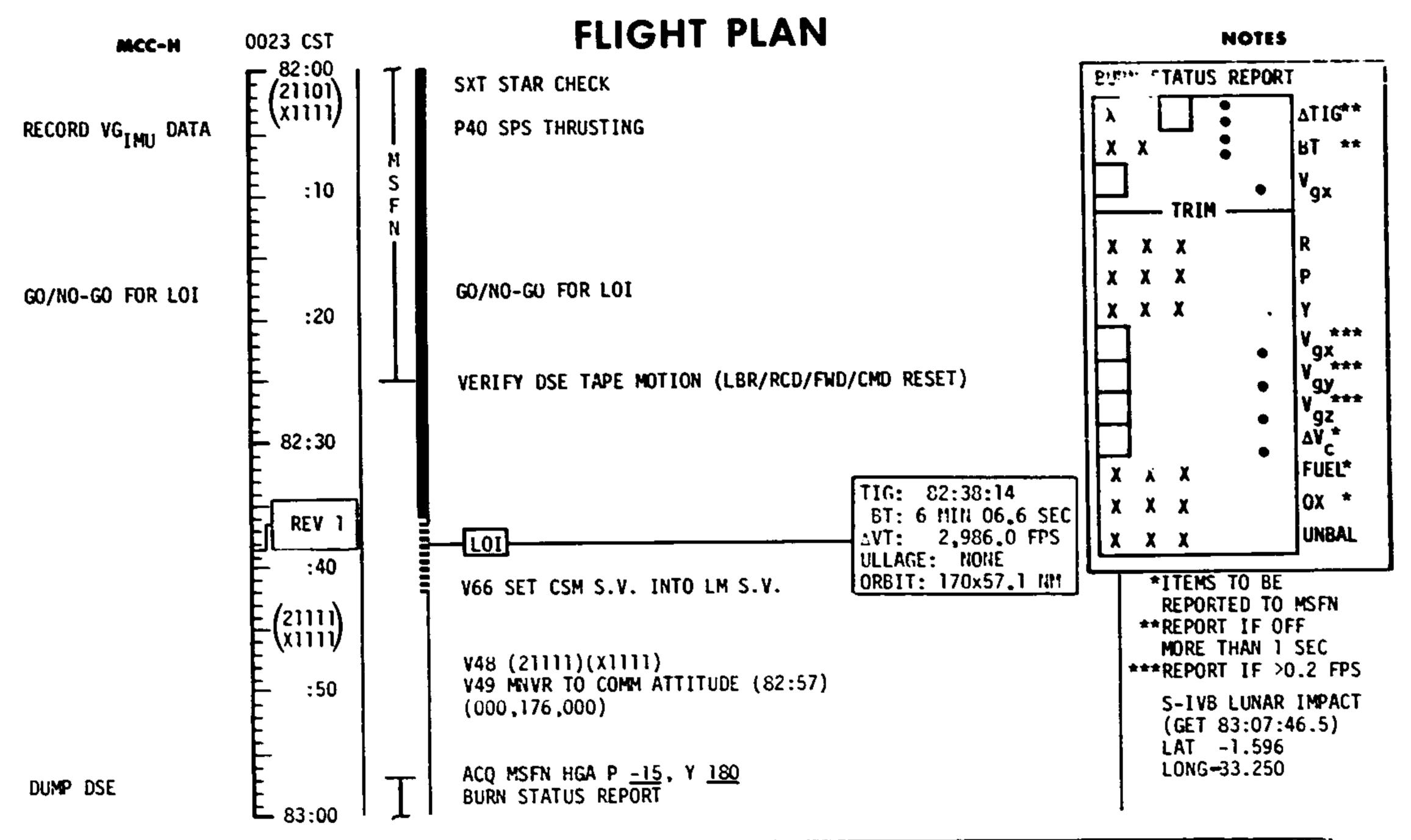
#### FLIGHT PLAN

TABLE 3-6 LOI BURN TABLE AND ABORT CHART

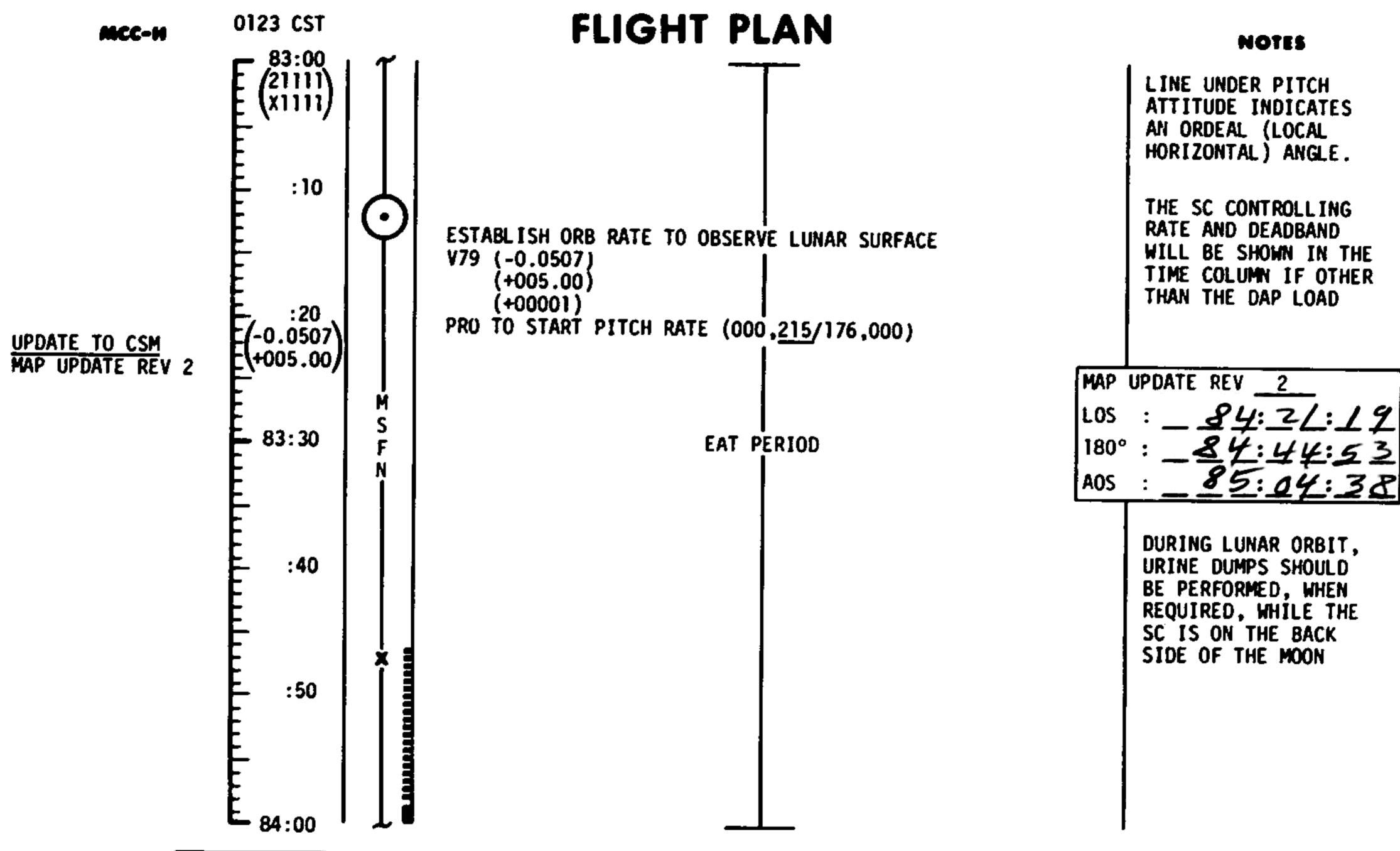


P OR Y	ATT	SHUT DOWN	RESIDUALS
RATES	DEVIATION	TIME	
10°/SEC COMPLETE	±10° COMPLETE	BT + 10 SEC	DO NOT TRIM

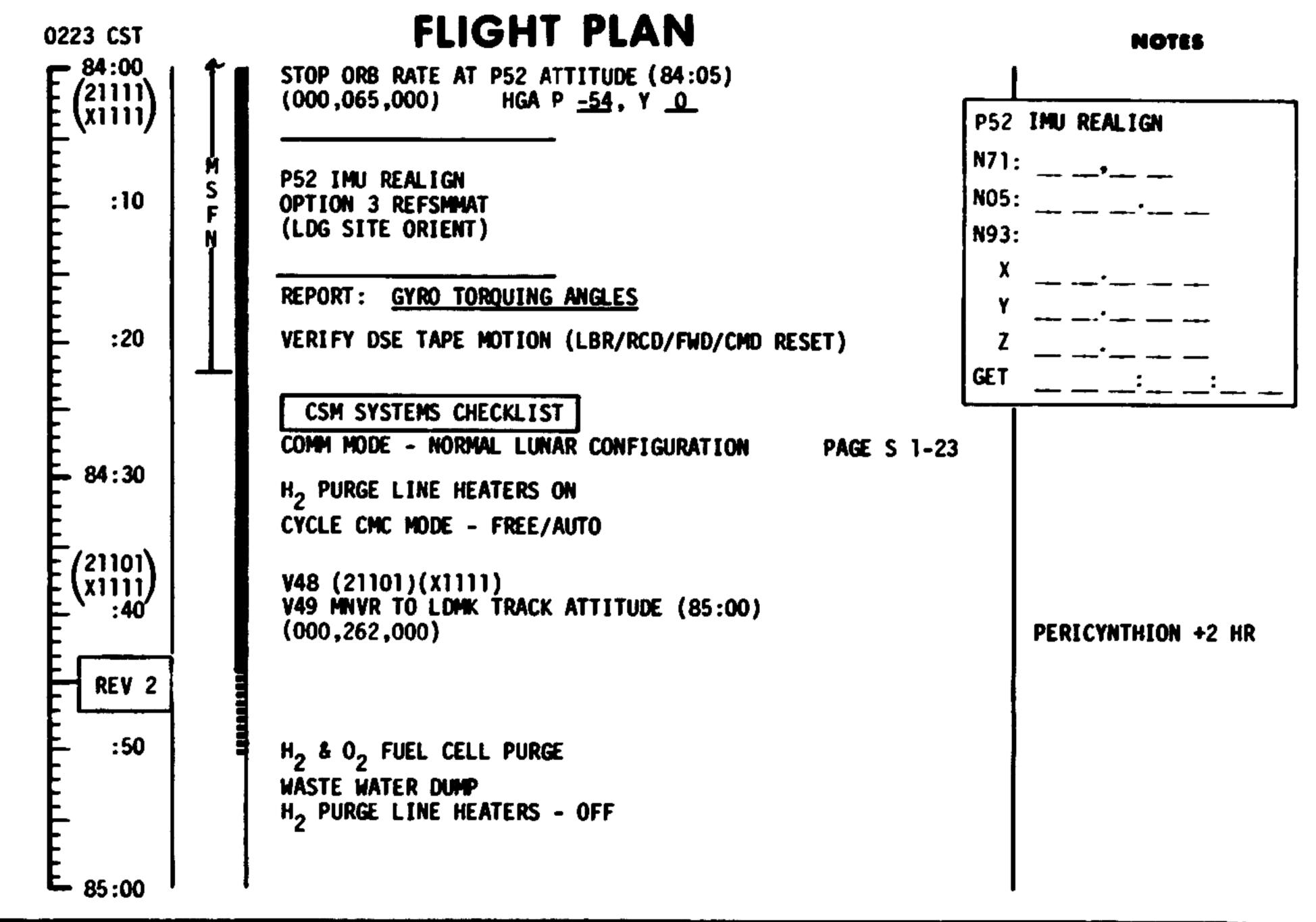




MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	<del>DECEMBER 2, 1970</del>	82:00 - 83:00	4/1	3-79



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	83:00 - 84:00	4/1	3-80



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	84:00 - 85:00	4/1-2	3-81

MCC-H

# CSM LANDMARK TRACKING PROFILE (50 x 170 NM ORBIT)

19 DEG PITCH DOWN FROM LOCAL HORIZONTAL ORBITAL RATE THROUGHOUT TRACKING TČA (T1+12:04) T3-LOS (T1+14:34) T2-A0S (T1+7:04)ΔT2 **ΔT3**  $\Gamma T \Delta$ T1-HORIZON (TCA-12:04) 4T1 = 424 SEC P24 LDMK TRACKING 172 = 300 SEC (1/60) $\Delta T3 = 150 SEC$ TGT: MÖSTING A AOS TO LOS = 074 SEC 85.39.35 8546.39 85.51.39 RADIUS OF MOON 85.54.09

R \_\_\_\_\_ °Y \_\_\_\_ °(T2 ACQ)

N OF S NM \_\_\_ 8 / SA \_\_\_ TA \_\_\_ (T2 ACQ)

N89

LAT \_\_\_ -03.250

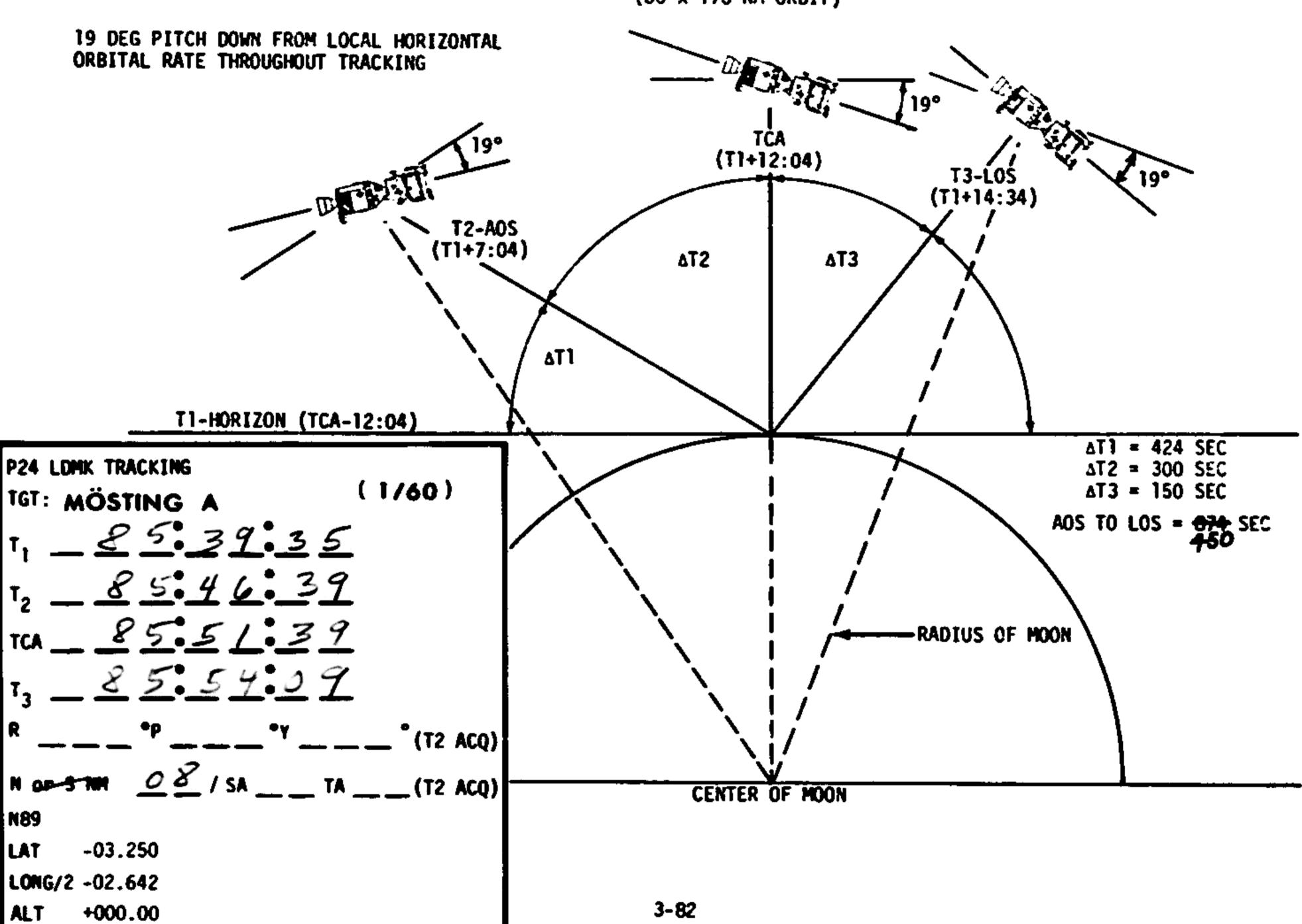
LONG/2 -02.642

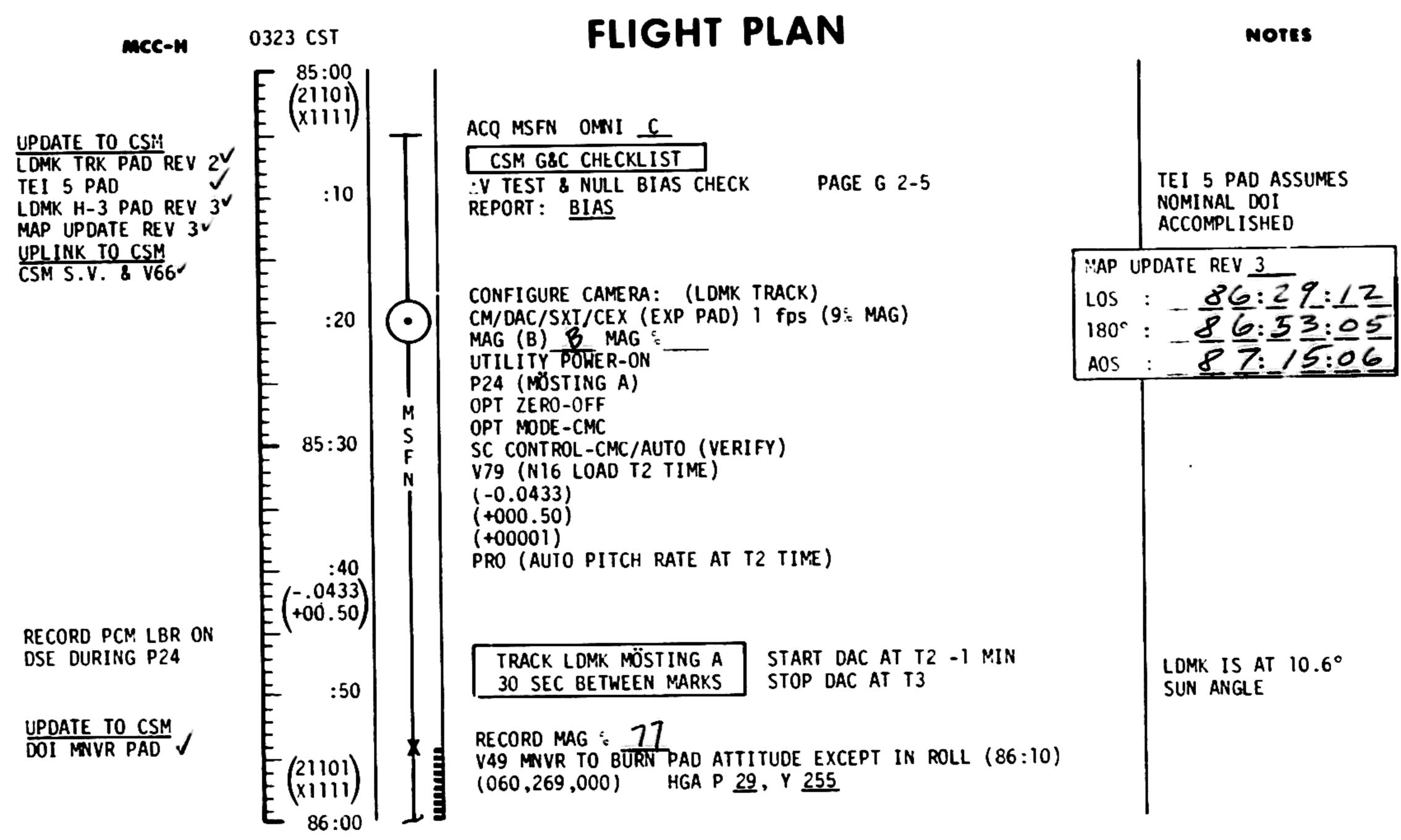
ALT \_\_\_ +000.00

3-82

CENTER OF MOON

## CSM LANDMARK TRACKING PROFILE (60 x 170 NM ORBIT)





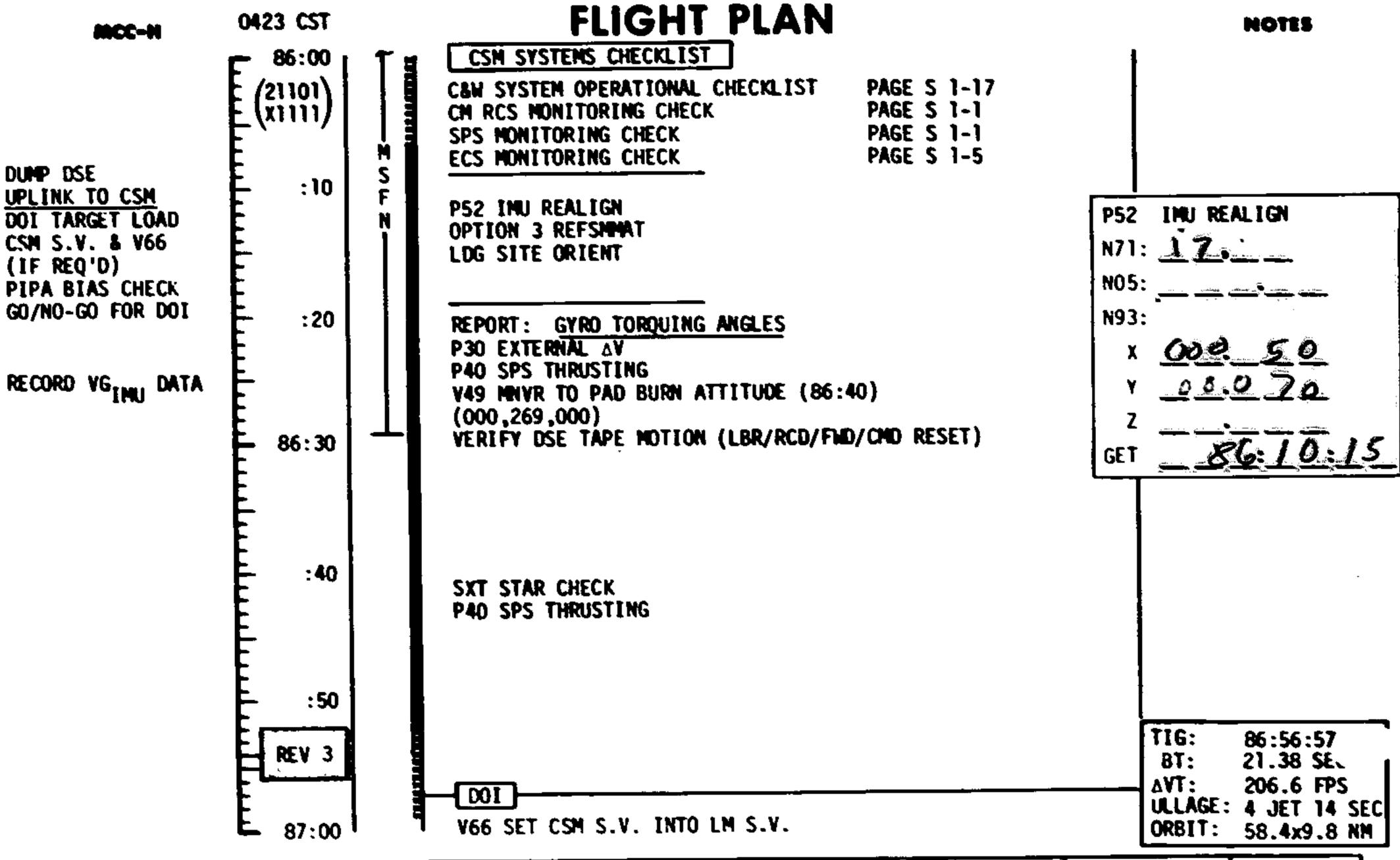
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	85:00 - 86:00	4/2	3-83

### FLIGHT PLAN

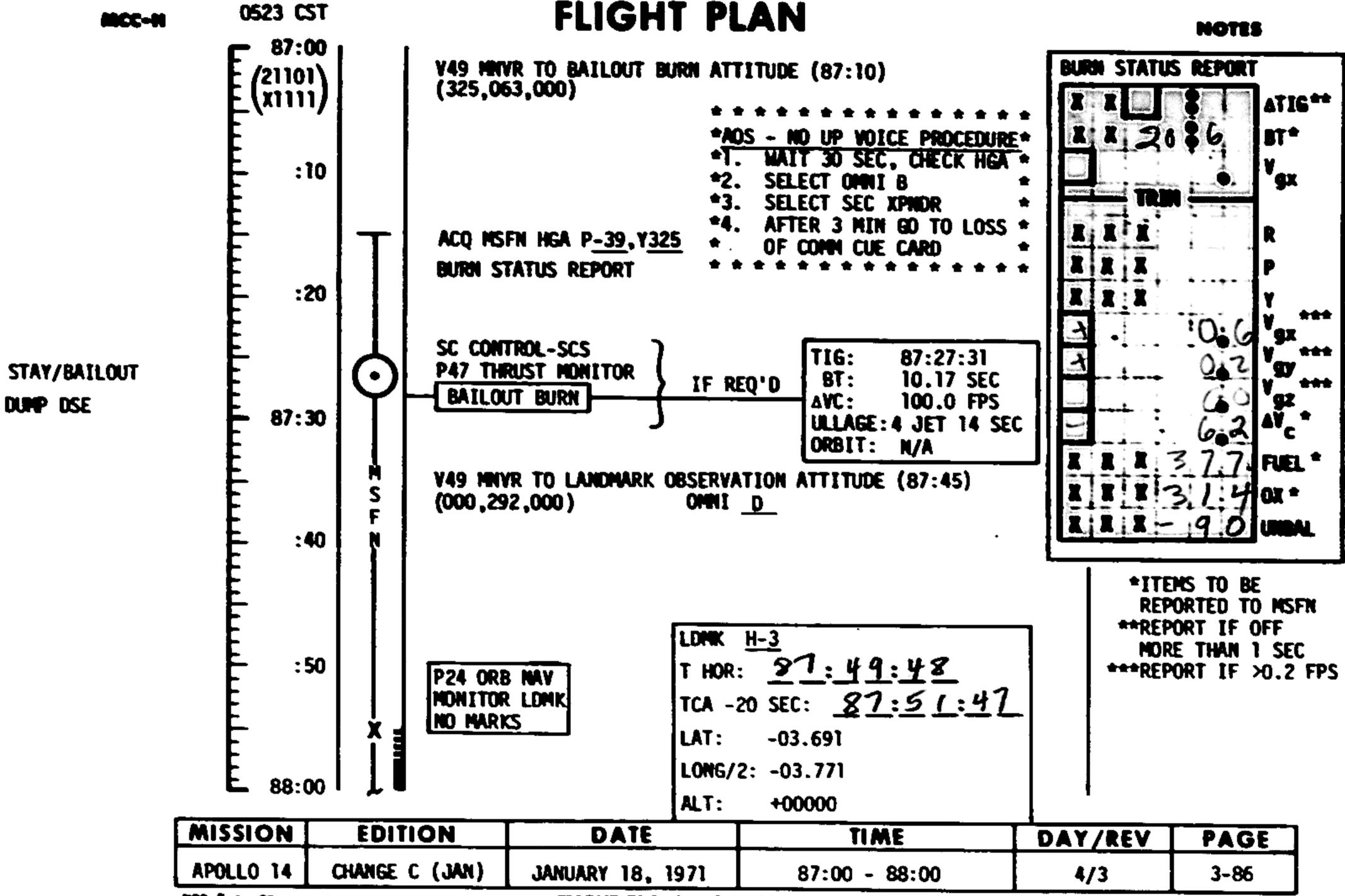
DOI BURN TABLE

P OR Y	ATT	SHUTDOMN	RESIDUALS
RATES	DEVIATIONS	TIME	
10°/SEC TERMINATE	+10° TERMINATE	ВТ	*TRIM OVERBURNS IN X TO WITHIN 1 FPS, DO NOT TRIM Y & Z

<sup>\*</sup>IF OVERBURN IS >2.2 FPS PITCH 180 AND TRIM



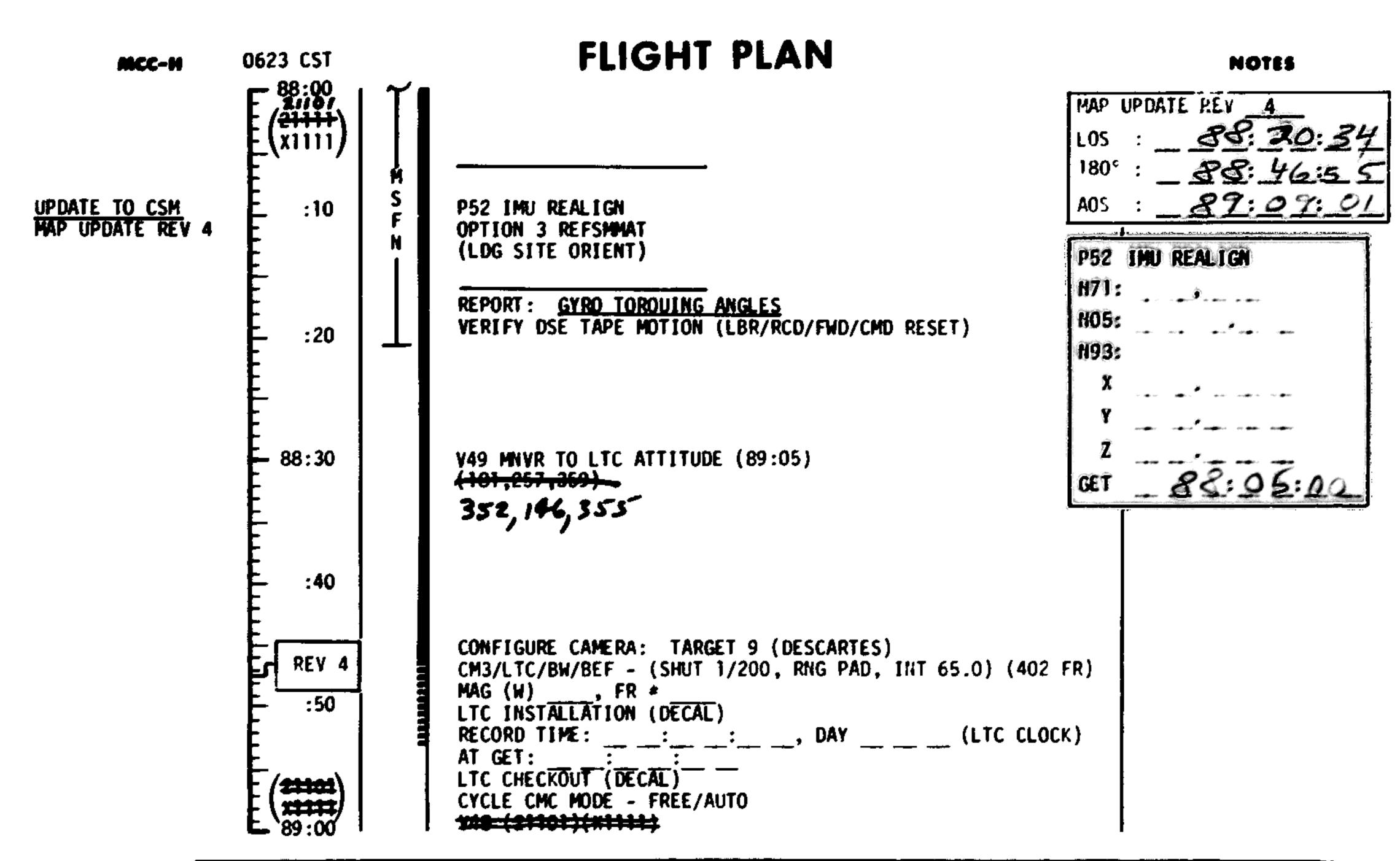
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	86:00 - 87:00	4/2-3	3-85



ESC form 29 (Bay 69)

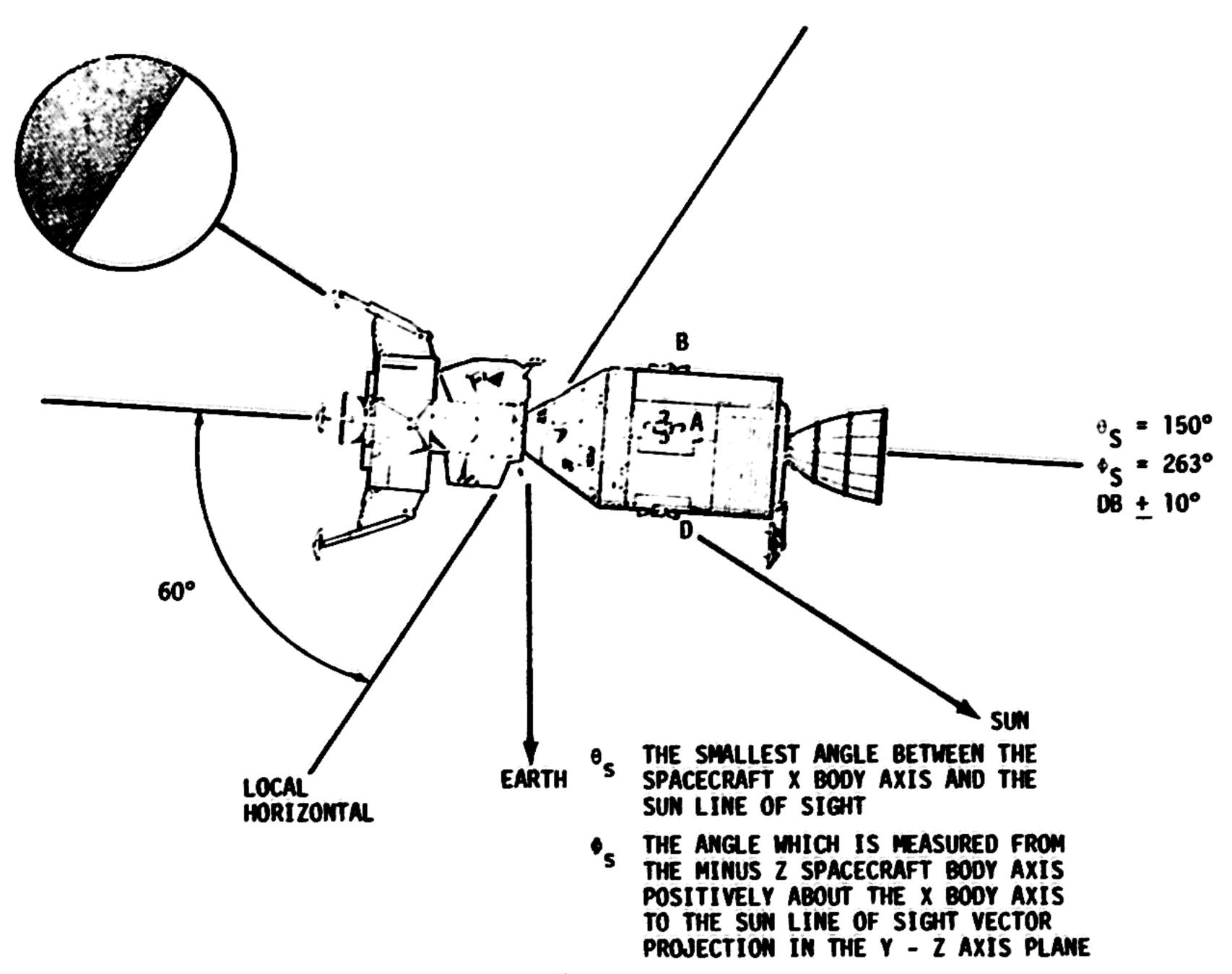
PLICHT PLANSMING BRANCH

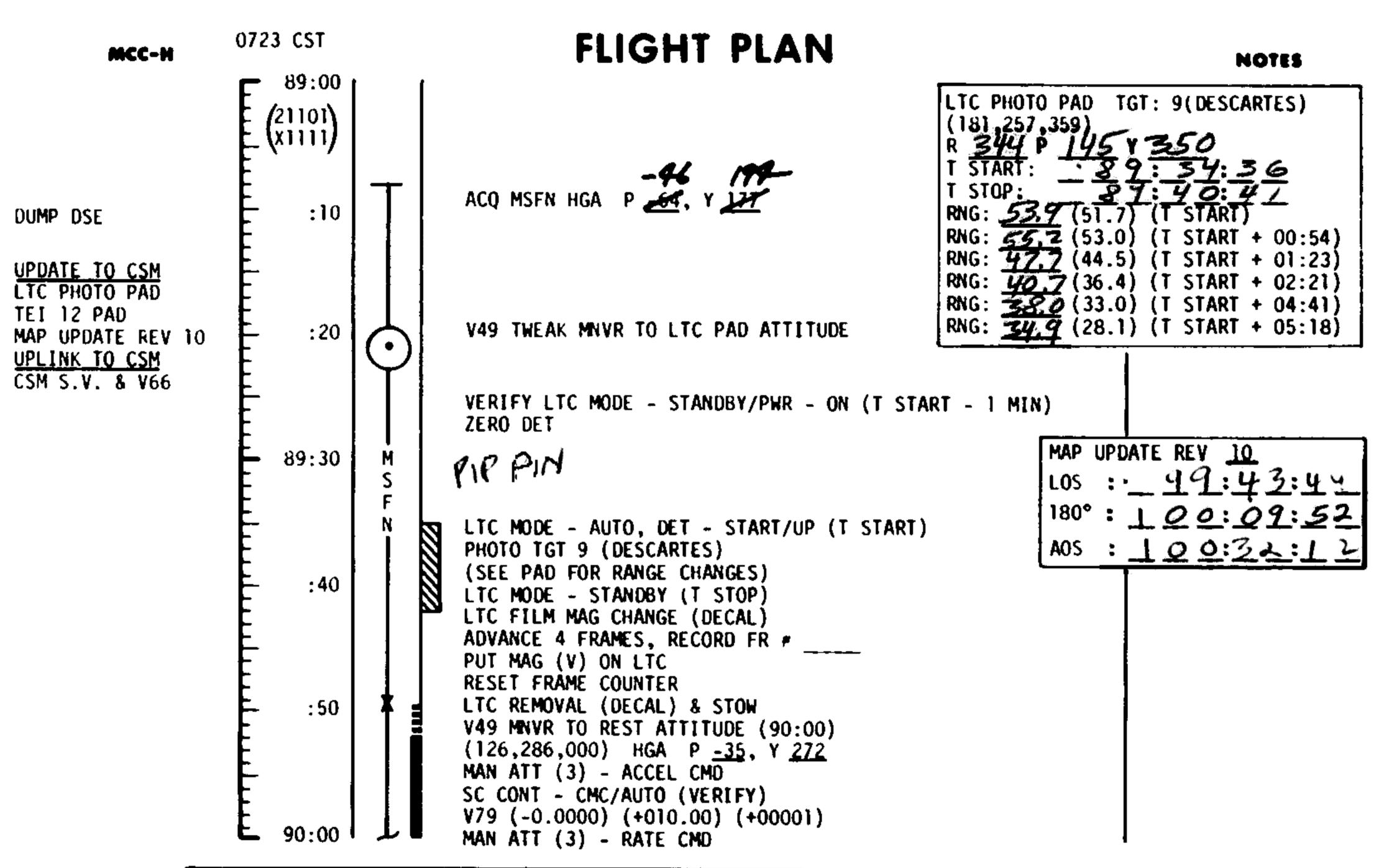
MAGA --- MGC



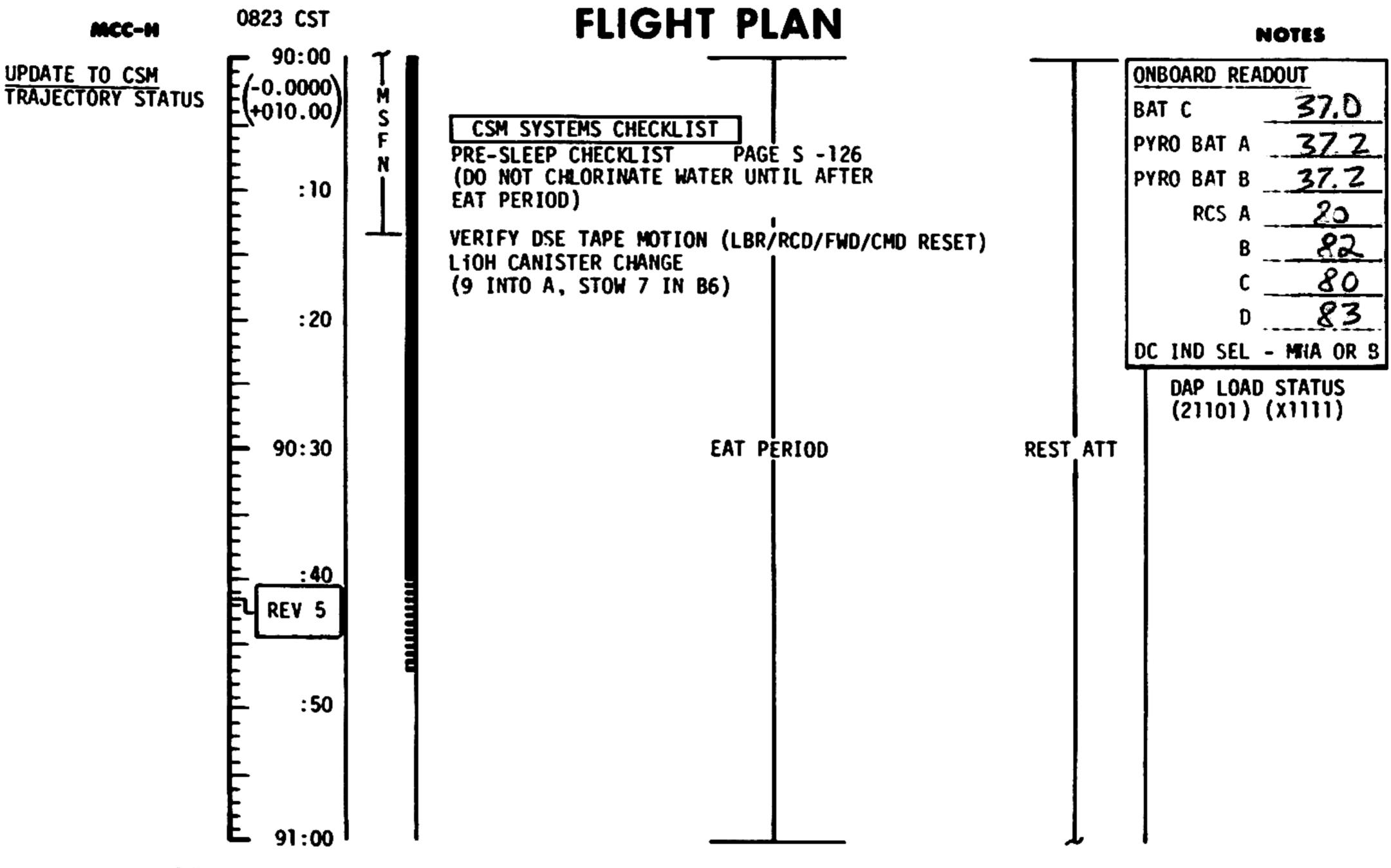
MISSION	EDITION	DAJE	TIME	DAY/REV	PAGE
APOLLO 14	TINAL (JAN)	DECEMBER 2, 1970	88:00 - 89:00	4/3-4	3-87

### LUNAR ORBIT REST PERIOD ATTITUDE





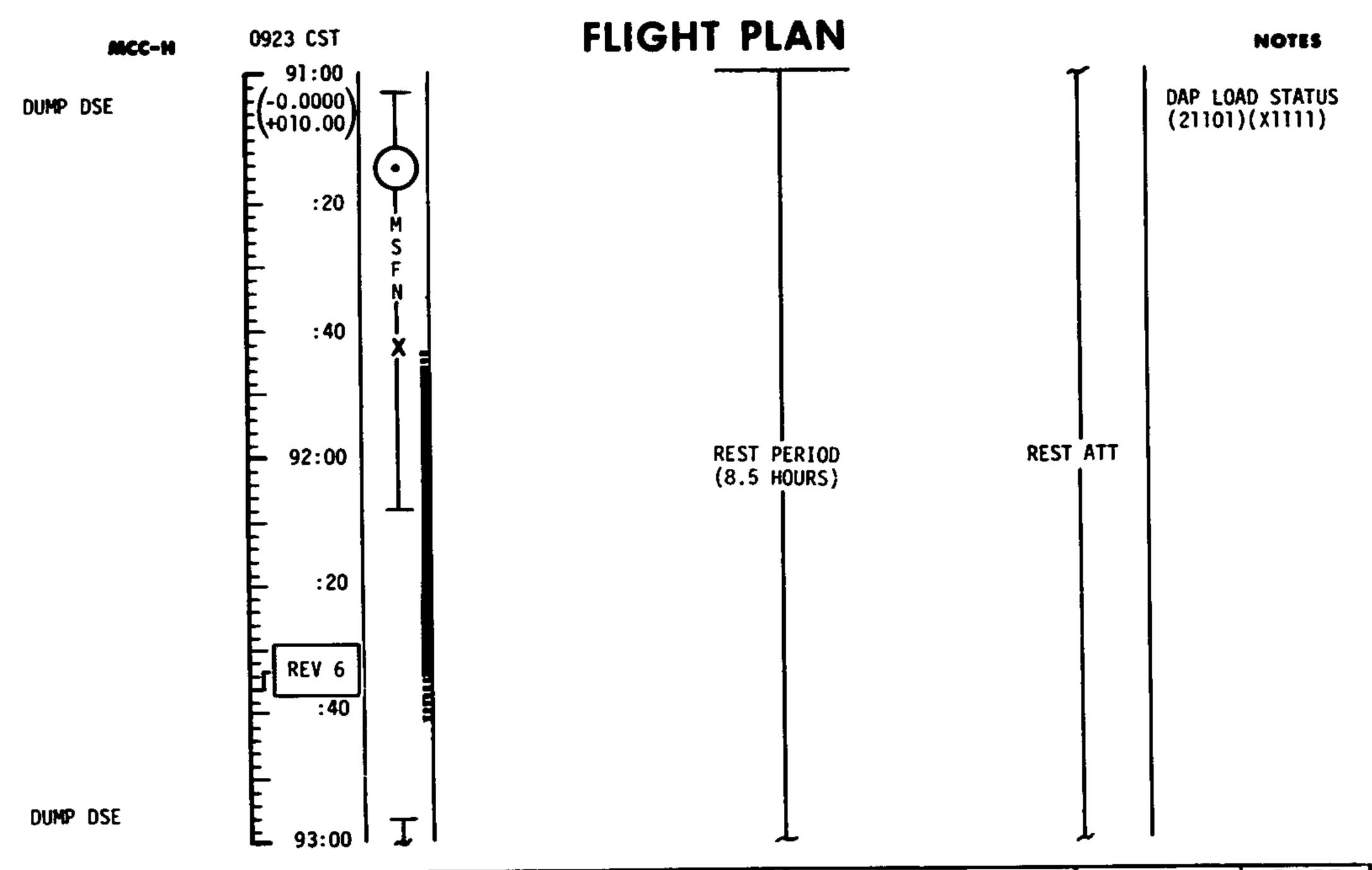
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	89:00 - 90:00	4/4	3-89



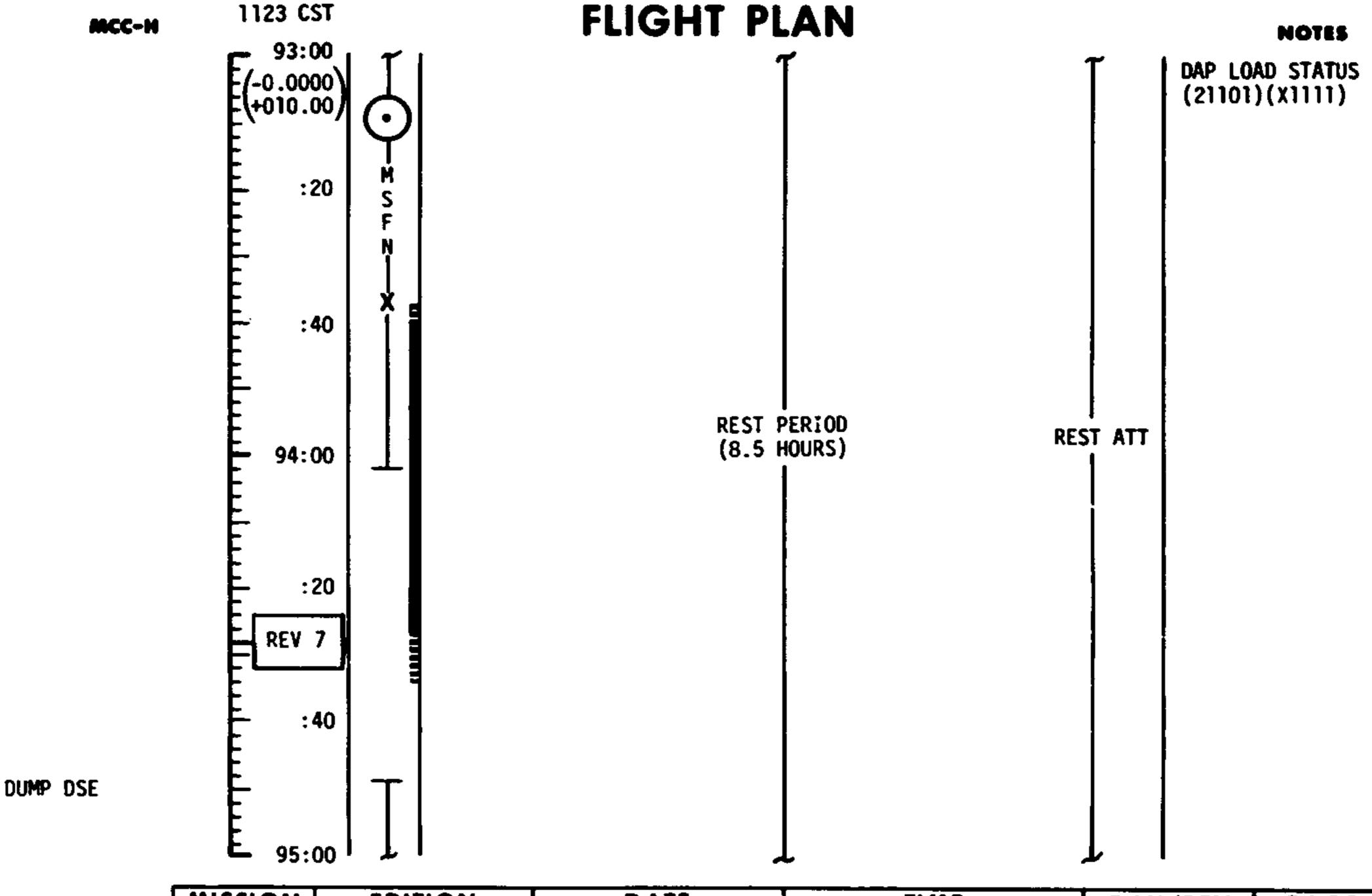
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	90:00 - 91:00	4/4-5	3-90

FLIGHT PLANNING BRANCH

NASA --- MOC



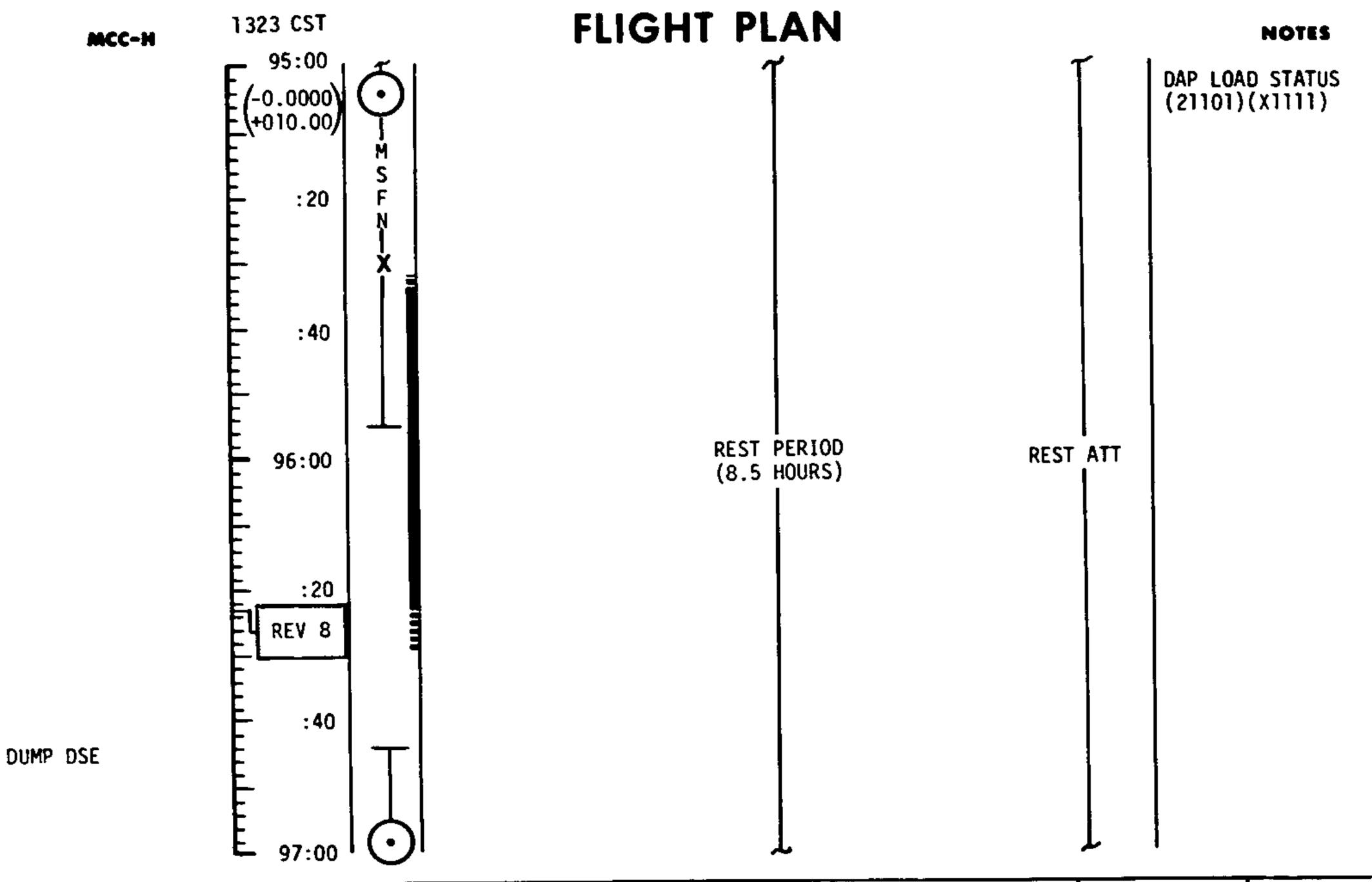
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	91:00 - 93:00	4/5-6	3-91



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	93:00 - 95:00	4/6-7	3-92

FLIGHT PLANNING BRANCH

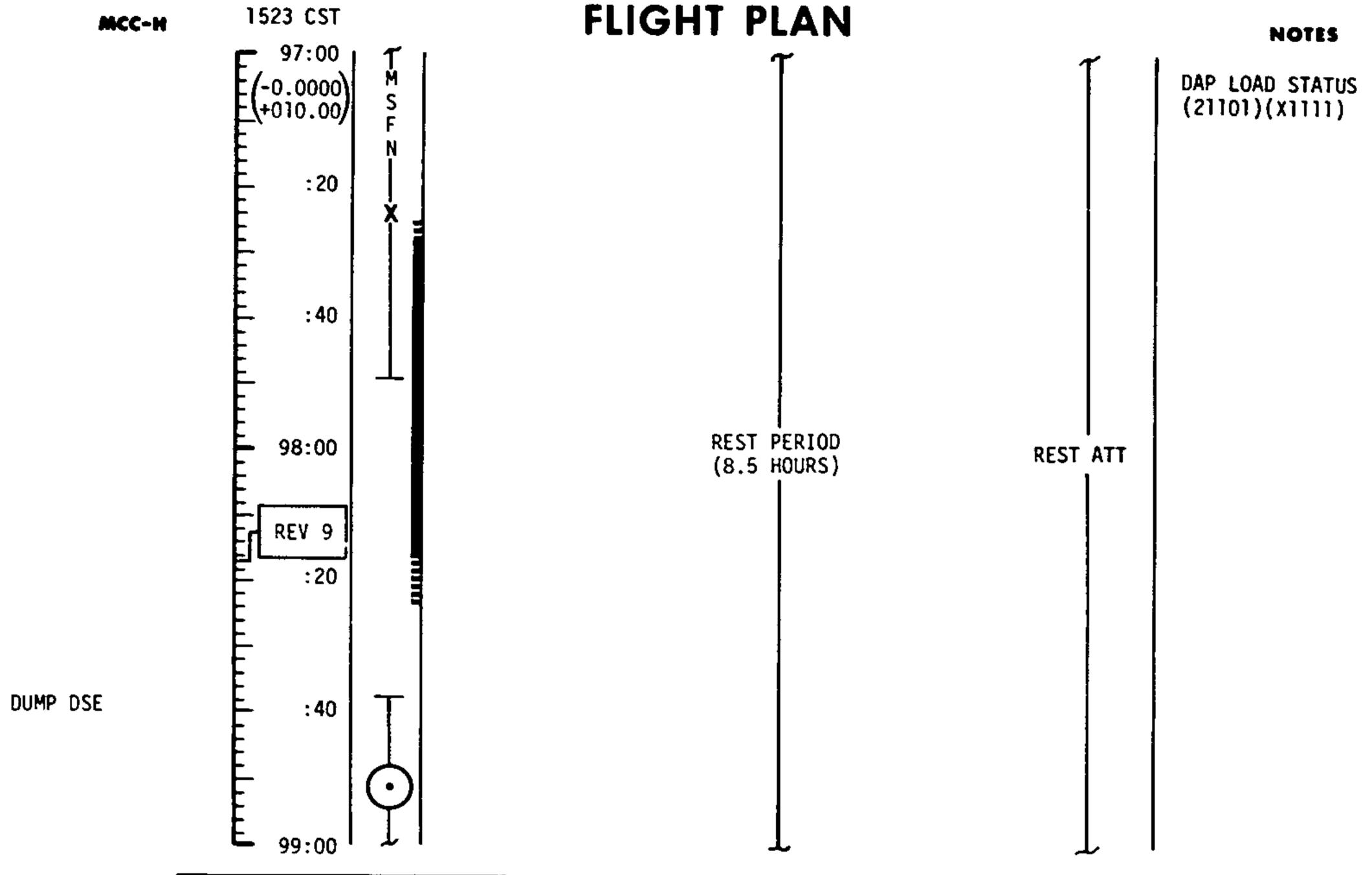
NASA - MOC



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	95:00 - 97:00	4/7-8	3-93

FLIGHT PLANNING BRANCH

NASA -- MOC



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	97:00 - 99:00	4/8-9	3-94

**FLIGHT PLANNING BRANCH** 

NASA — MSC