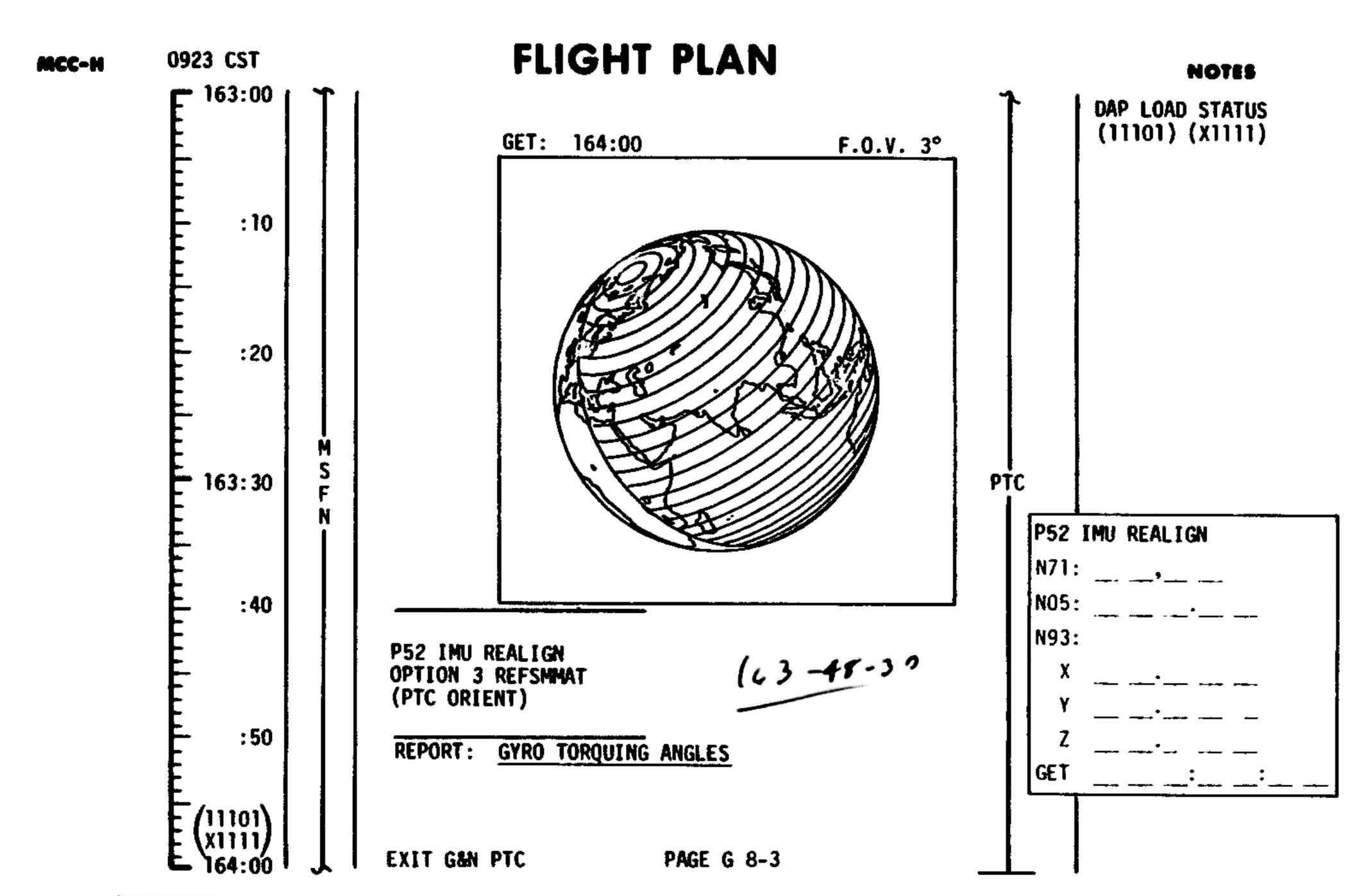


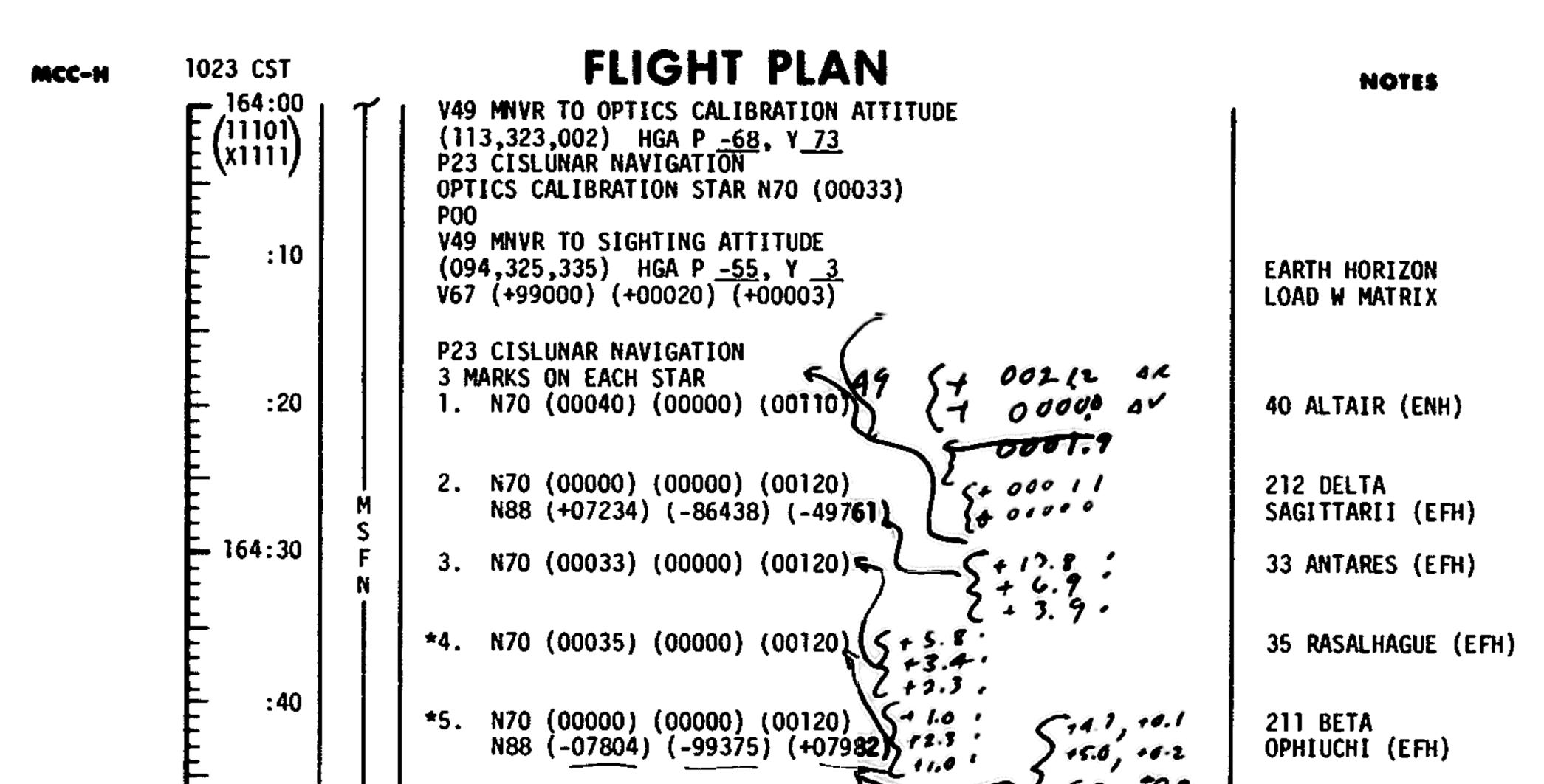
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	162:00 - 163:00	7/TEC	3-238

CONSUMABLES

FLIGHT PLAN



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	163:00 - 164:00	7/TEC	3-239



*6.	N70 (00000) (00000) (00110) N88 (+22712) (-83641) (-49884)	45.2, 0.2	214 ZETA SAGITTARII (ENH)
٠.	N88 (+22712) (-83641) (-49884)	\\ \(\tau_0.8 \\ \tau_0.3 \\	SAGITTARII (ENH)

V49 MNVR TO THERMAL ATTITUDE (165:00) (4.1) (184,325,335) OMNI A *OPTIONAL TEST STARS, DO NOT UPDATE S.V.

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	CHANGE A (JAN)	DECEMBER 23, 1970	164:00 - 165:00	7/TEC	3-240

:50



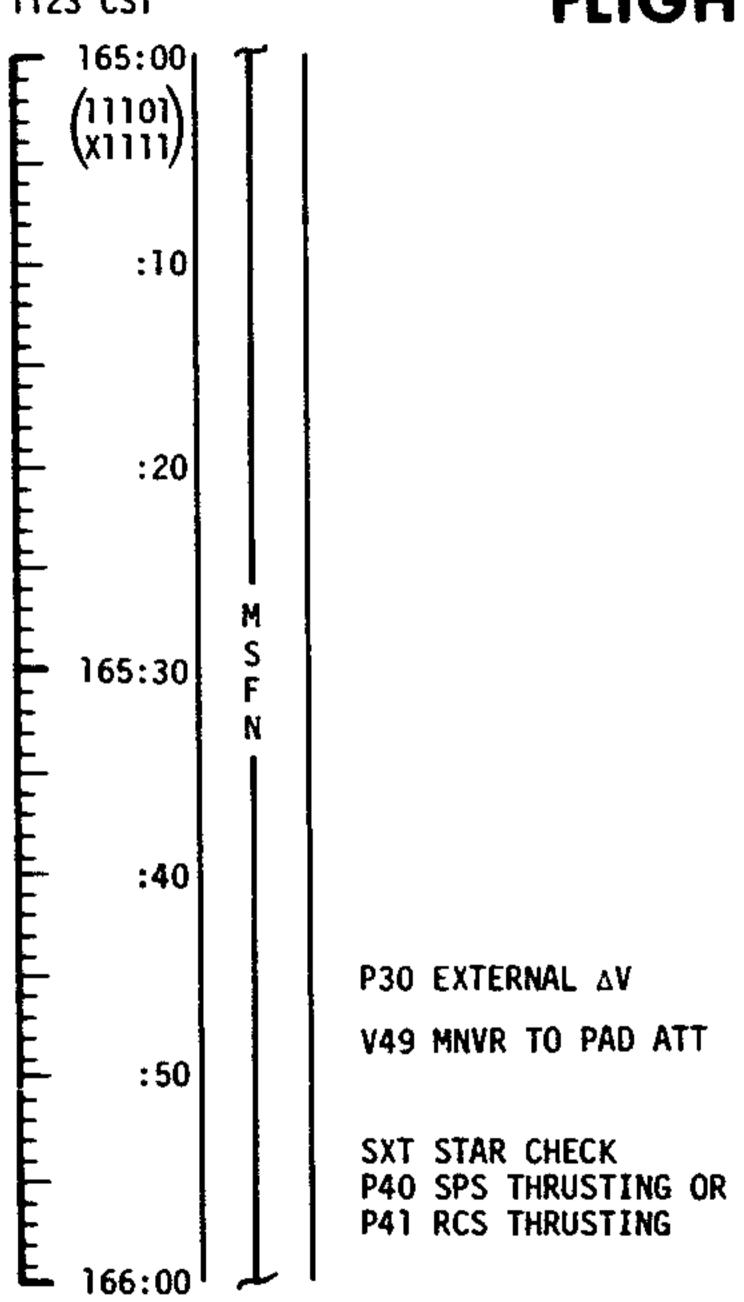
1123 CST

FLIGHT PLAN

NOTES

UPLINK TO CSM CSM S.V. & V47E MCC-5 TGT LOAD UPDATE TO CSM

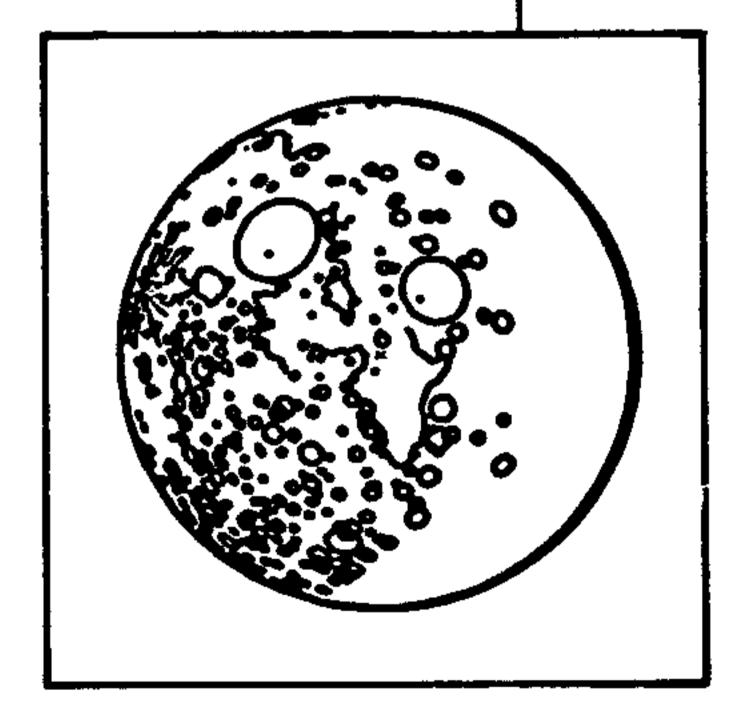
MCC-5 MNVR PAD



THE TEI CMC S.V. WILL BE UPDATED BY ONBOARD NAVIGATION (P-23's) DURING TEC. MCC'S WILL BE PERFORMED WITH A MSFN CALCULATED S.V. RE-PLACING THE CMC CALCULATED S.V., WHICH WILL BE DOWN-LINKED PRIOR TO THE BURNS. AFTER THE MCC, THE PREVIOUS CMC S.V. (CORRECTED FOR THE BURN) WILL BE UPLINKED TO THE LM SLOT AND TRANSFERRED TO THE CSM SLOT, THUS PRESERVING THE ORIGINAL CMC S.V. AND THE W MATRIX. AFTER THE BURN, MCC-H WILL ALSO UPLINK A CURRENT MSFN S.V. TO THE LM SLOT FOR REFERENCE PURPOSES.

GET: 166:00

F.O.V. 3°

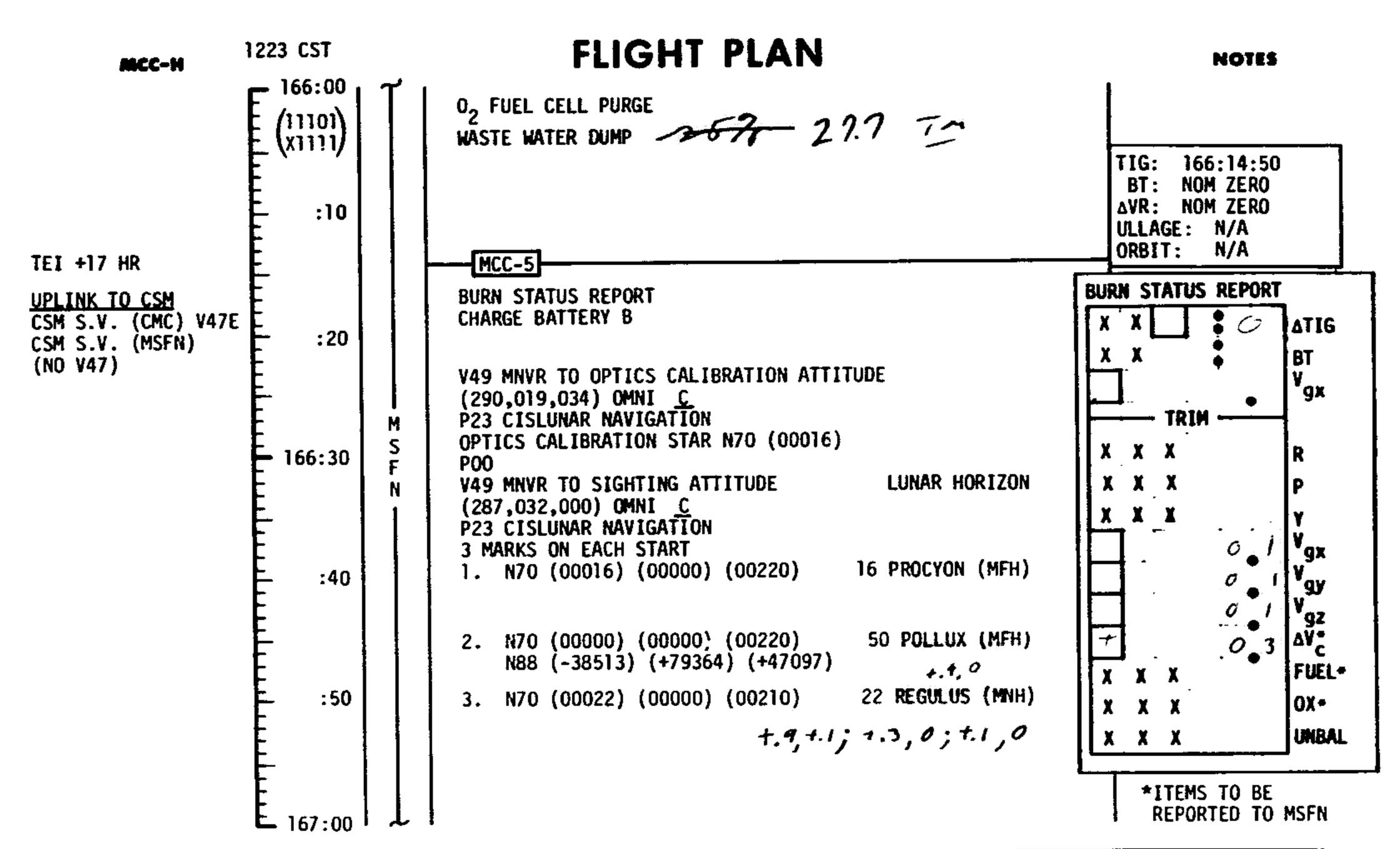


MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	165:00 - 166:00	7/TEC	3-241

FLIGHT PLAN

MCC-5 BURN TABLE

MANEUVER	P OR Y RATES	ATT DEVIATION	SHUTDOWN	RESIDUALS
CORRIDOR	10°/SEC	±10°	BT + 1 SEC	TRIM X AXIS ONLY
CONTROL	COMPLETE	COMPLETE	AND $\Delta V_{C} = 0$	TO 0.2 FPS
IP CONTROL	10°/SEC	+10°	BT + 1 SEC	TRIM X & Z
	TERMINATE	TERMINATE	AND $\Delta V_{c} = 0$	AXIS TO 0.2 FPS



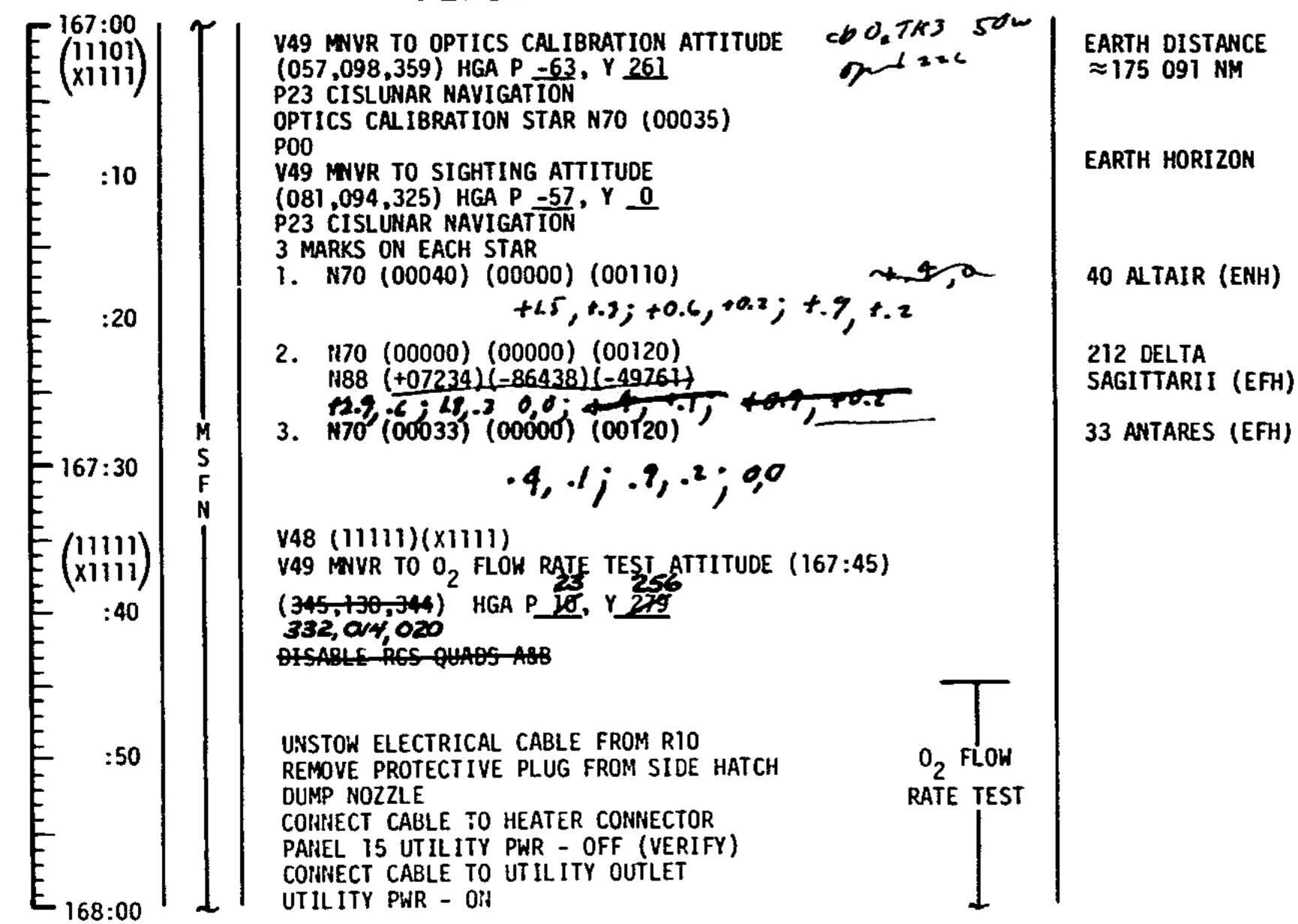
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	166:00 - 167:00	7/TEC	3-243

MCC-H

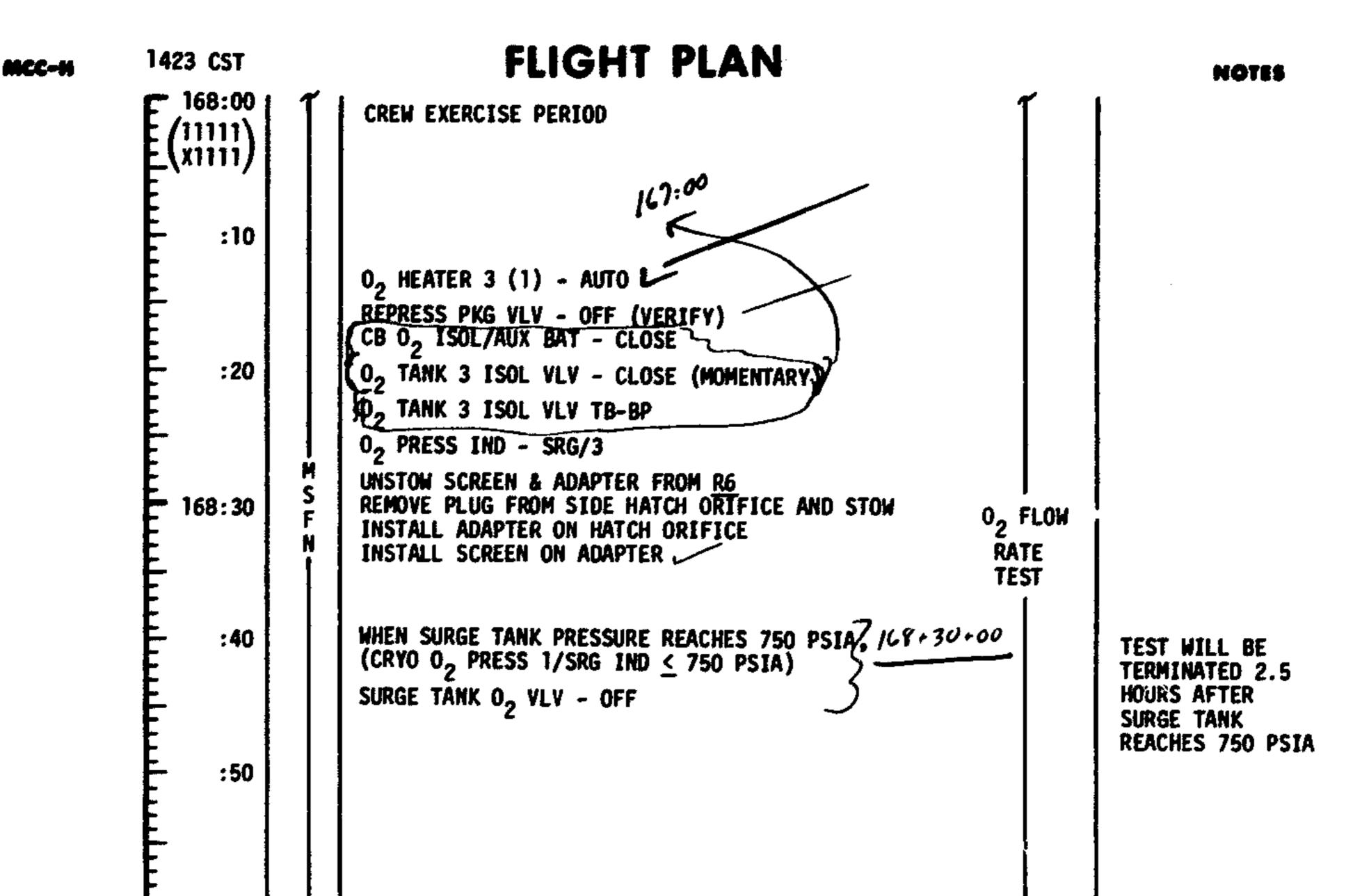
1323 CST

FLIGHT PLAN

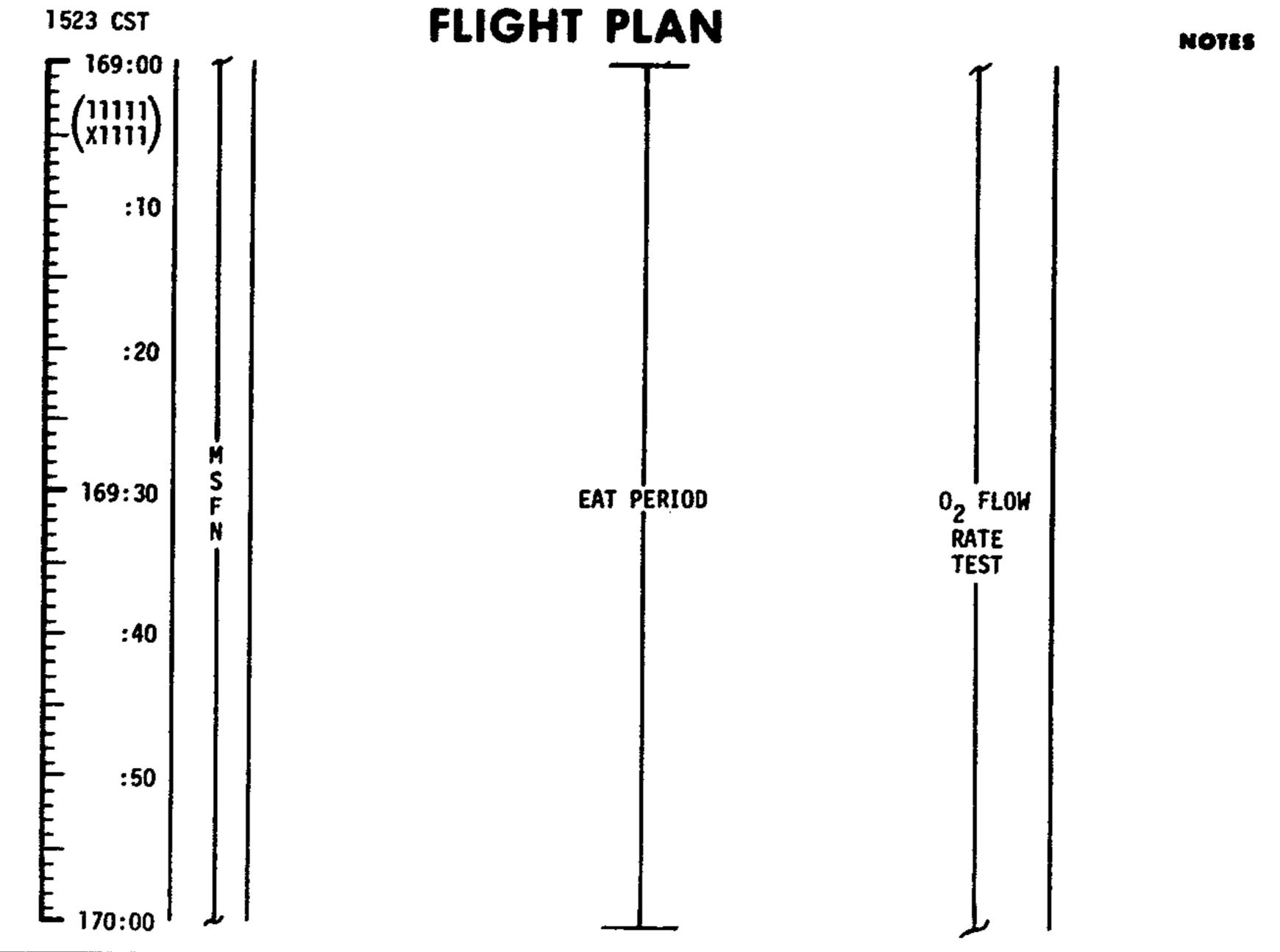
NOTES



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	CHANGE C (JAN)	JANUARY 18, 1971	167:00 - 168:00	7/TEC	3-244



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	CHANGE C (JAN)	JANUARY 18, 1971	168:00 - 169:00	7/TEC	3-245

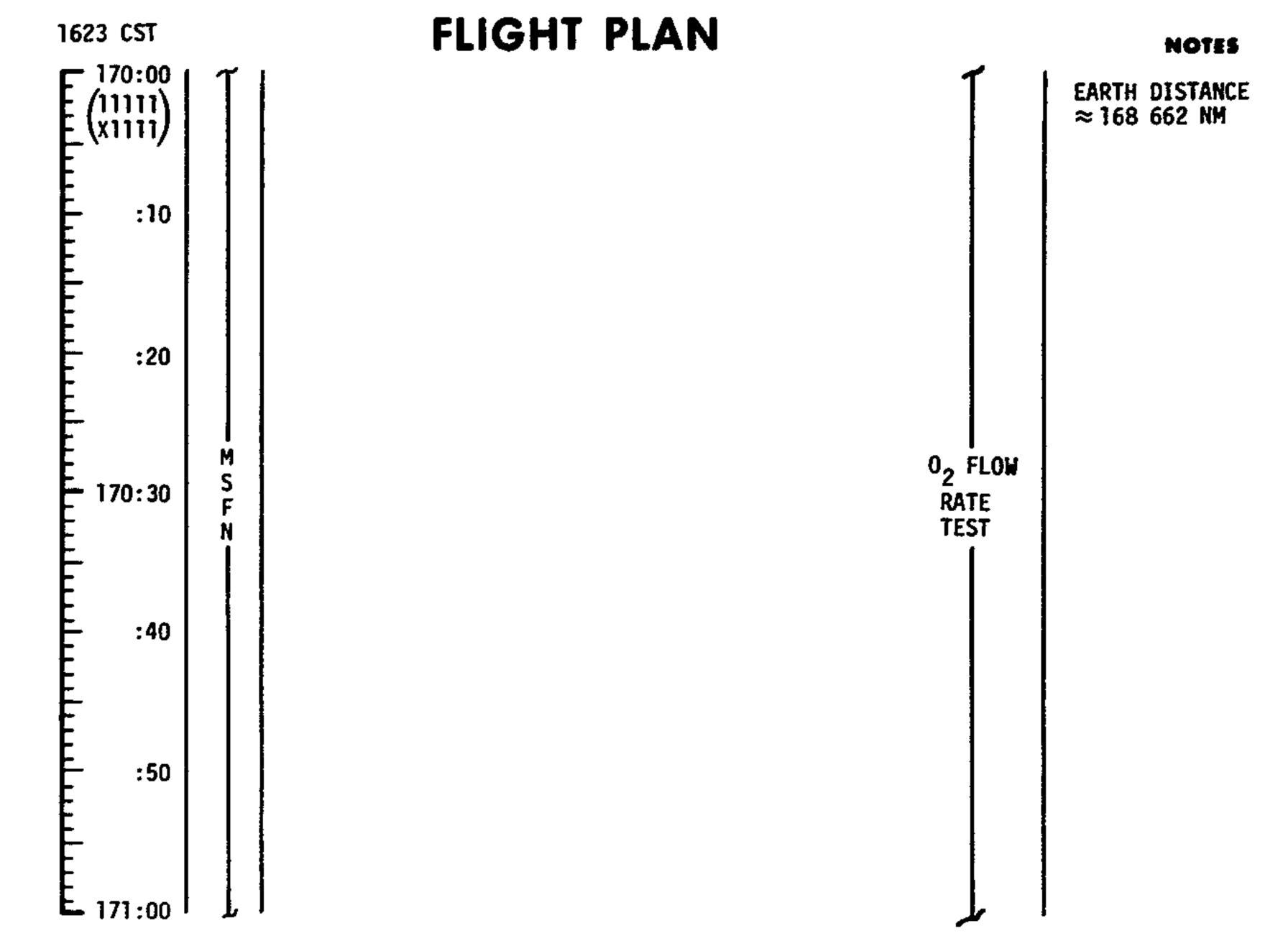


MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	169:00 - 170:00	7/TEC	3-246

ESC Form 29 (May 69)

MCC-H

FLIGHT PLANNING BRANCH

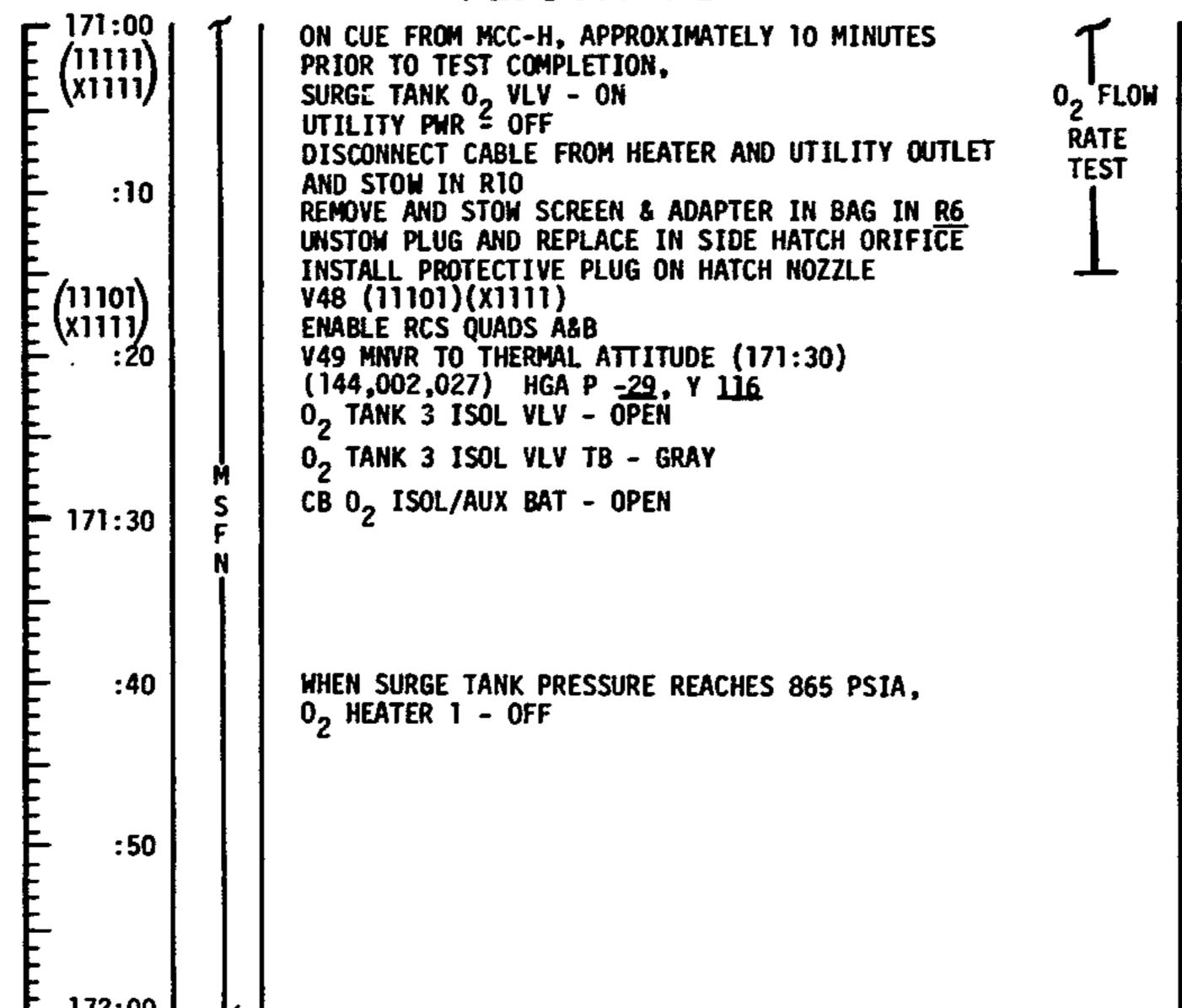


MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	170:00 - 171:00	7/TEC	3-247

MSC Form 29 (May 69)

MCC-H

FLIGHT PLANNING BRANCH

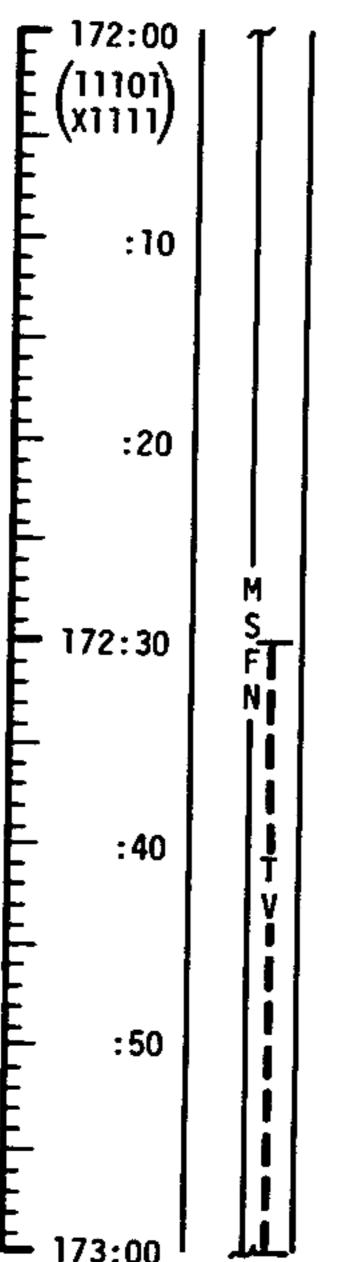


MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	CHANGE C (JAN)	JANUARY 18, 1971	171:00 - 172:00	7/TEC	3-248

MCC-H 1823 CST

FLIGHT PLAN

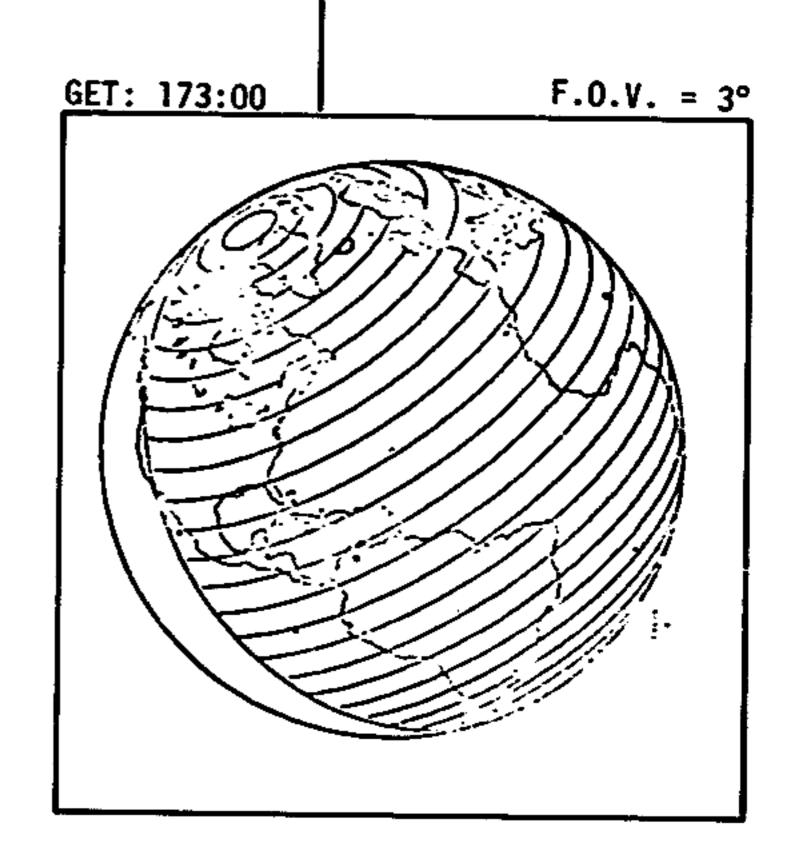
NOTES



CSM SYSTEMS CHECKLIST

CONTAMINATION CONTROL PAGE S 1-16

TV(GDS) 172:30 TO 173:00 CM/TV - AVG (f5.6) USE MONITOR TO ADJUST APERTURE FOR INFLIGHT DEMONSTRATION



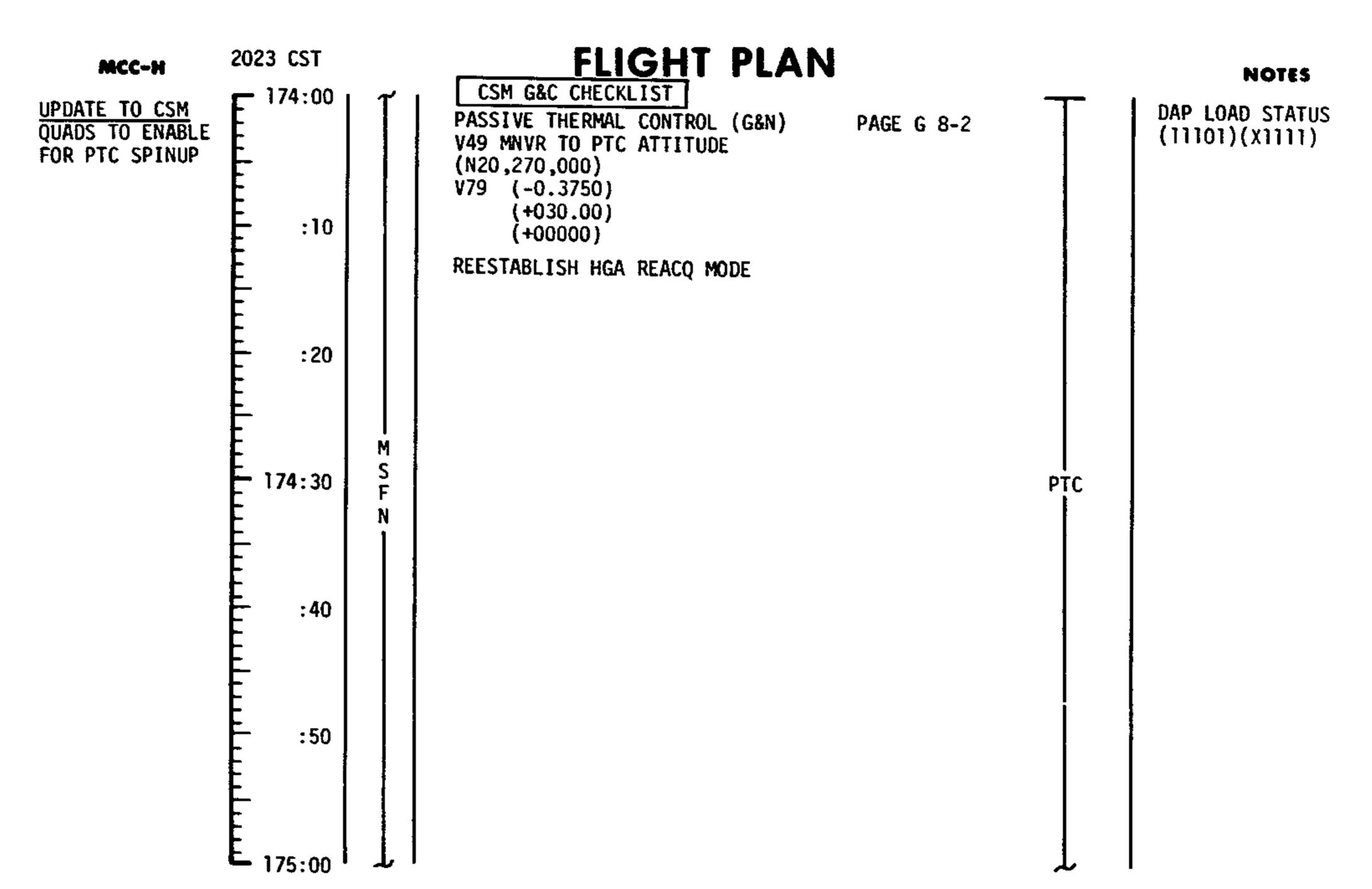
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	172:00 - 173:00	7/TEC	3-249

CC-	. 24

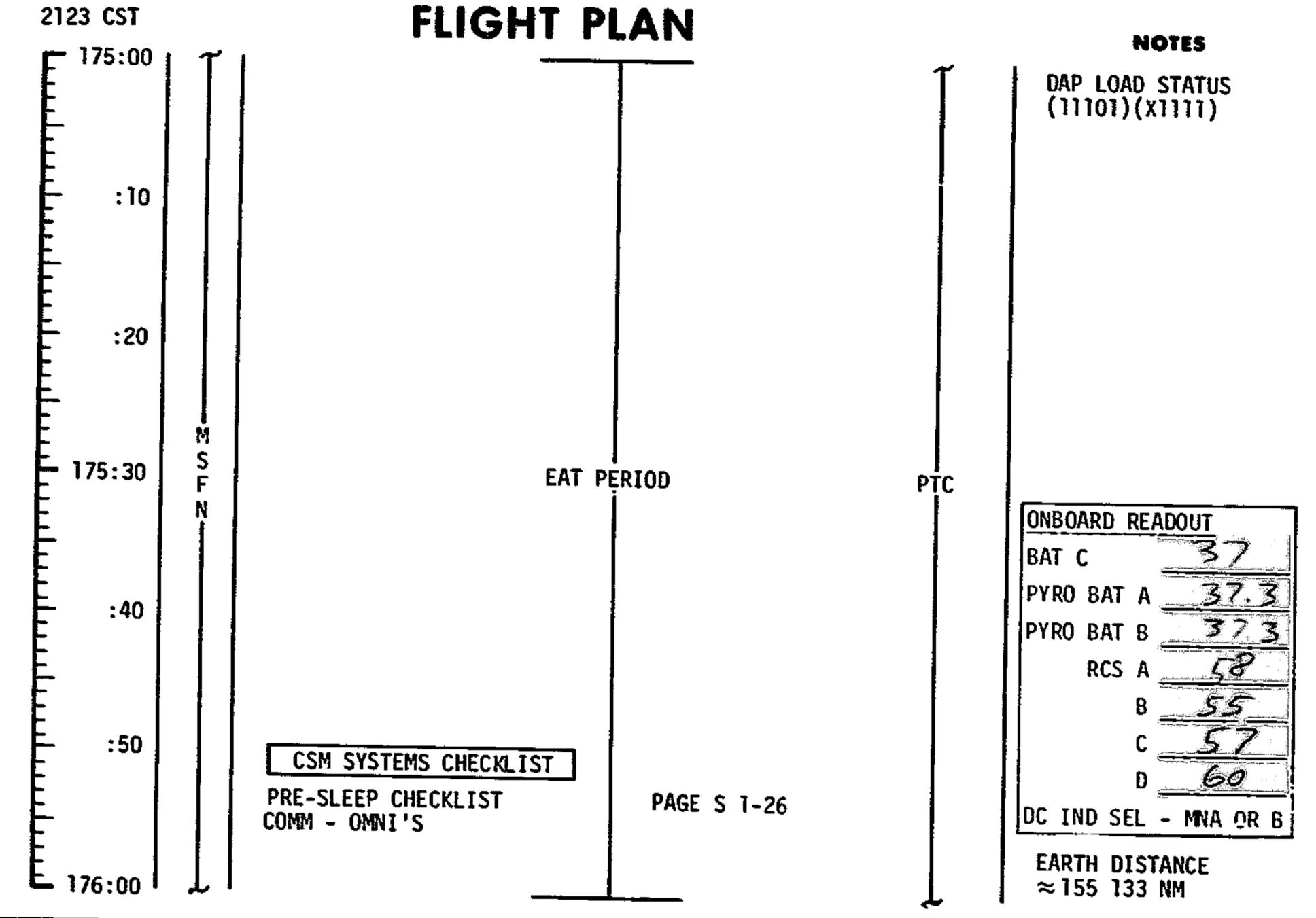
FLIGHT PLAN

1920 ·CST	FLIGHT PLAN	NOTES
E (11101) E (X1111) E	V49 MNVR TO OPTICS CALIBRATION ATTITUDE (094,103,358) HGA P -79, Y 101 P23 CISLUNAR NAVIGATION OPTICS CALIBRATION STAR N70 (00040)	EARTH DISTANCE ≈162 018 NM
E :10	POO V49 MNVR TO SIGHTING ATTITUDE (082,098,325) HGA P <u>-57</u> , Y <u>O</u> P23 CISLUNAR NAVIGATION 3 MARKS ON EACH STAR	EARTH HORIZON
:20	1. N70 (00040) (00000) (00110)	40 ALTAIR (ENH)
- · · · · · · · · · · · · · · · · · · ·	2. N70 (00000) (00000) (00120) N88 (+07234) (-86438) (-49761)	212 DELTA SAGITTARII (EFH)
173:30	M 3. N70 (00033) (00000) (00120) S F	33 ANTARES (EFH)
<u> </u>	N *4. N70 (00035) (00000) (00120)	35 RASALHAGUE (EFH)
:40	*5. N70 (00000) (00000) (00120) N88 (-07804) (-99375) (+07982)	211 BETA OPHIUCHI (EFH)
	*6. N70 (00042) (00000) (00110)	42 PEACOCK (ENH)
:50		*OPTIONAL TEST STARS, DO NOT UPDATE S.V.
E 174:00	Lioh CANISTER CHANGE (14 INTO B, STOW 12 IN A3)	

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	173:00 - 174:00	7/TEC	3-250



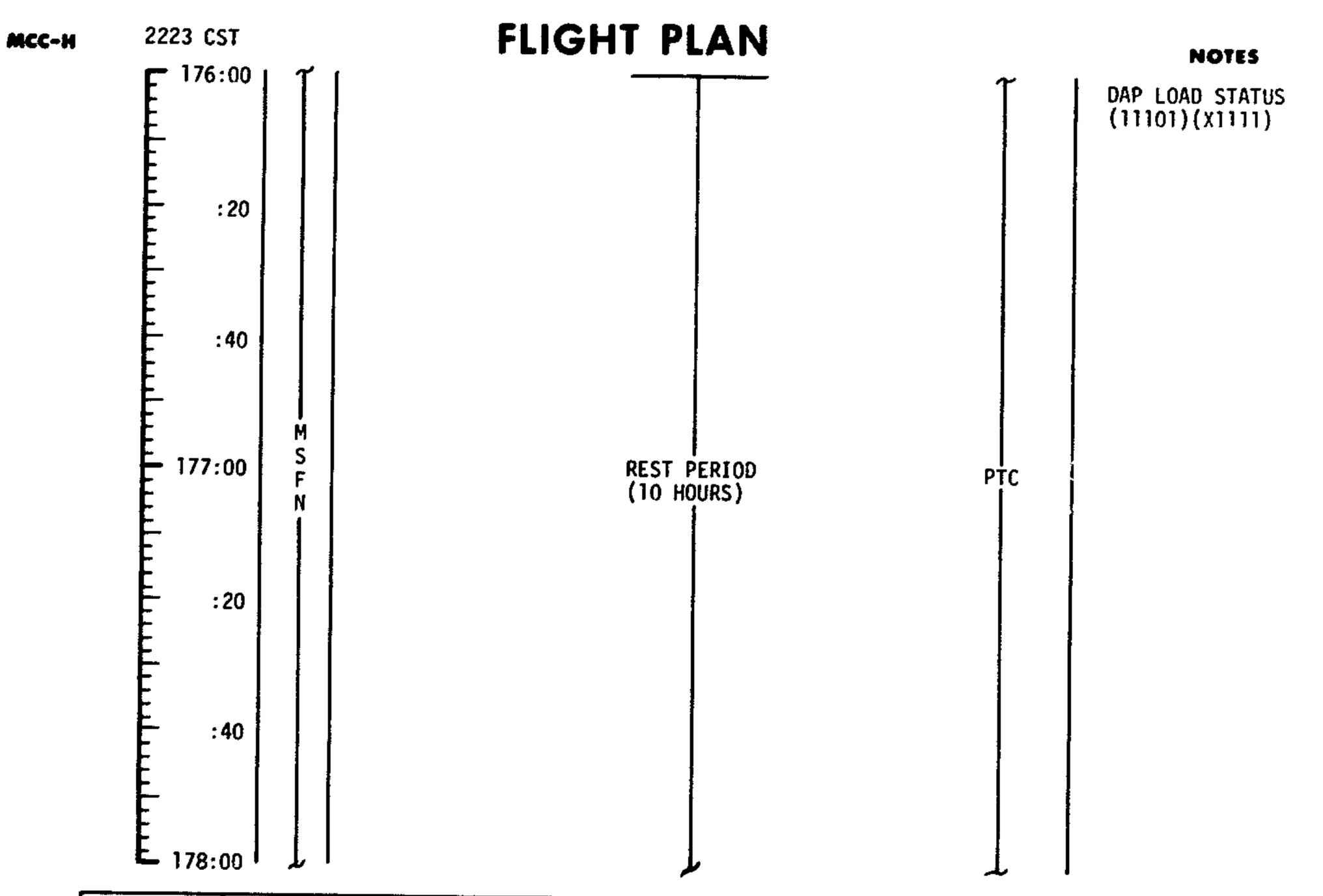
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	174:00 - 175:00	7/TEC	3-251



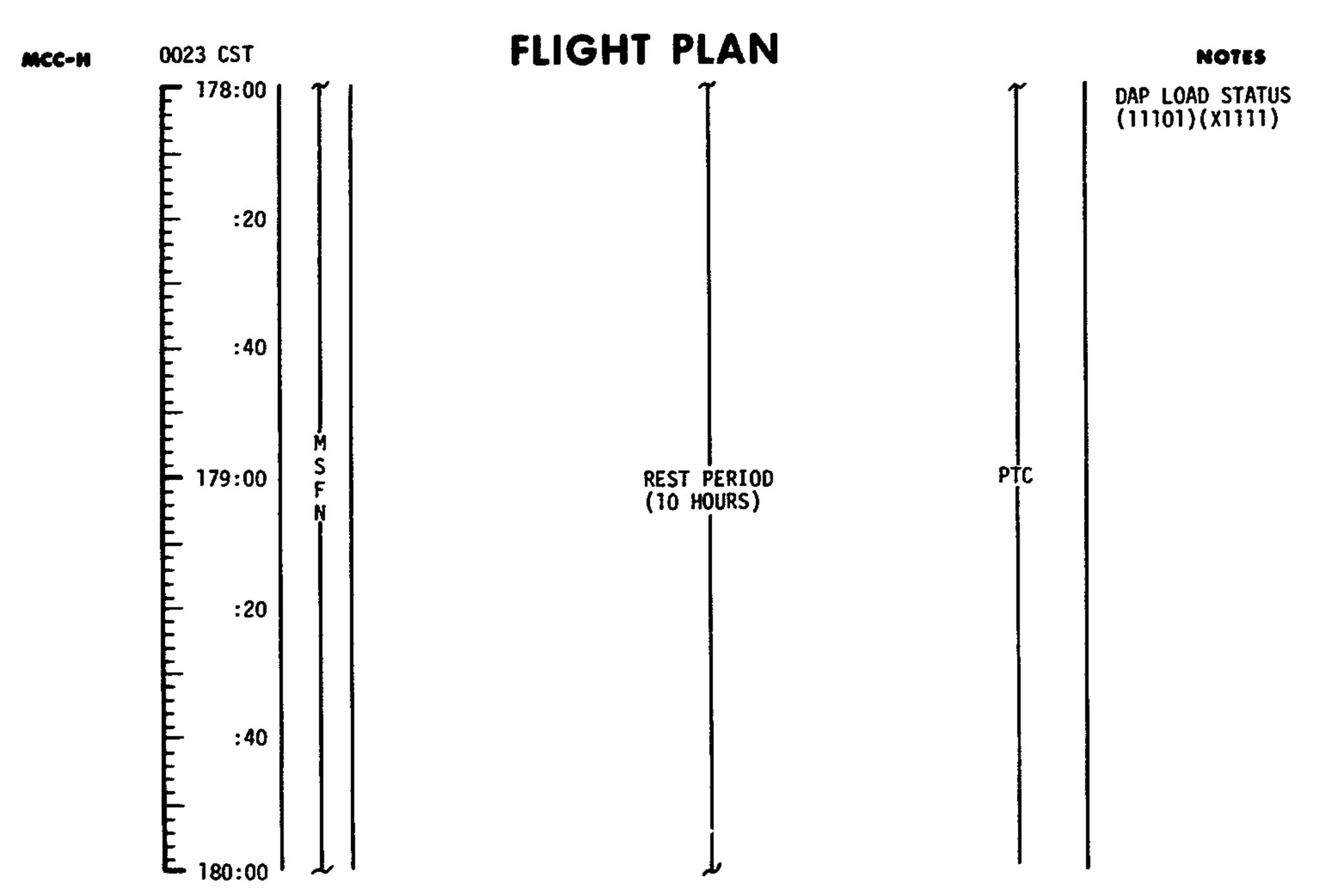
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	175:00 - 176:00	7/TEC	3-252
MSC Fore 29 /Mar	CAL				

MCC-H

FLIGHT PLANNING BRANCH



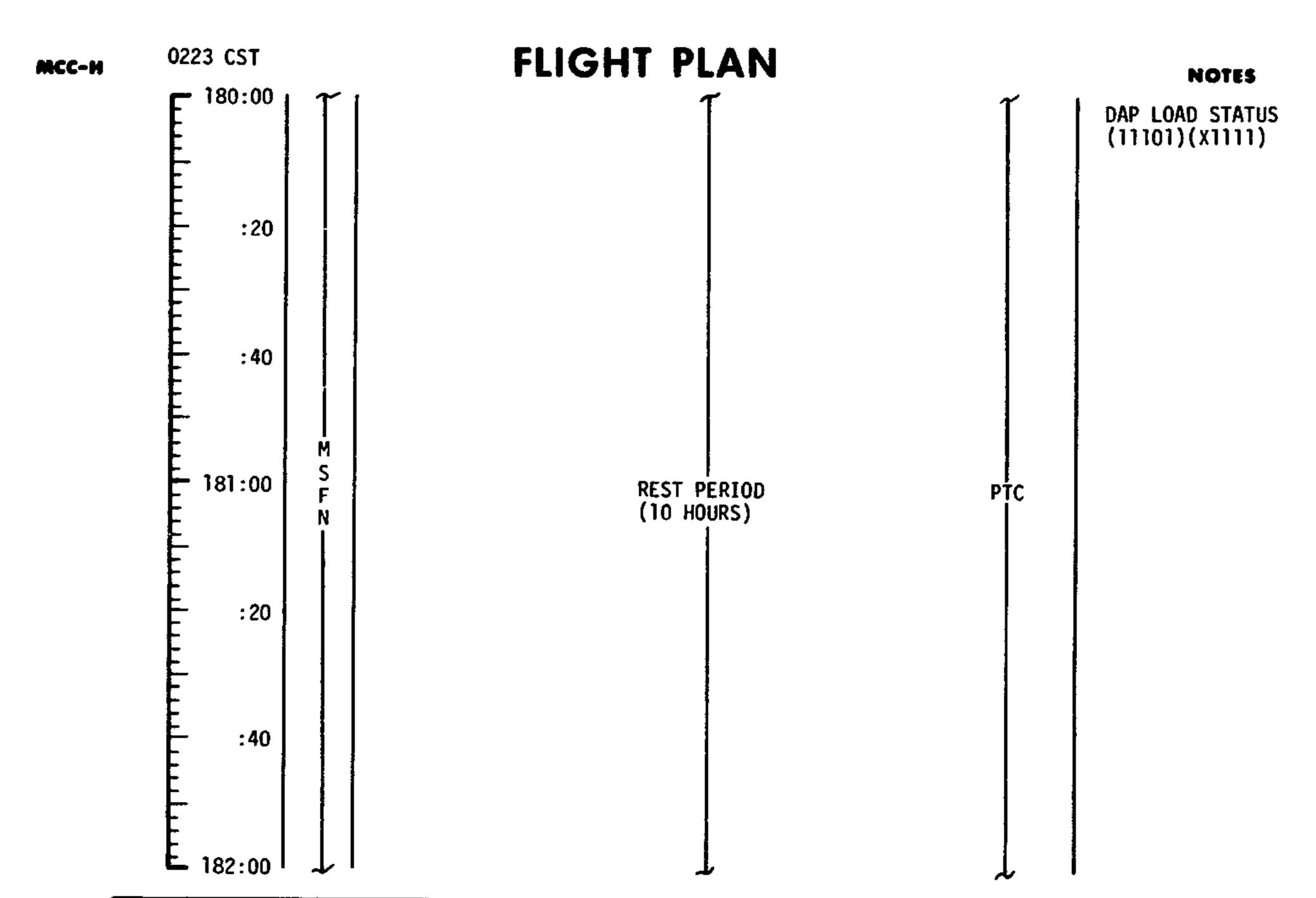
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	176:00 - 178:00	7/TEC	3-253



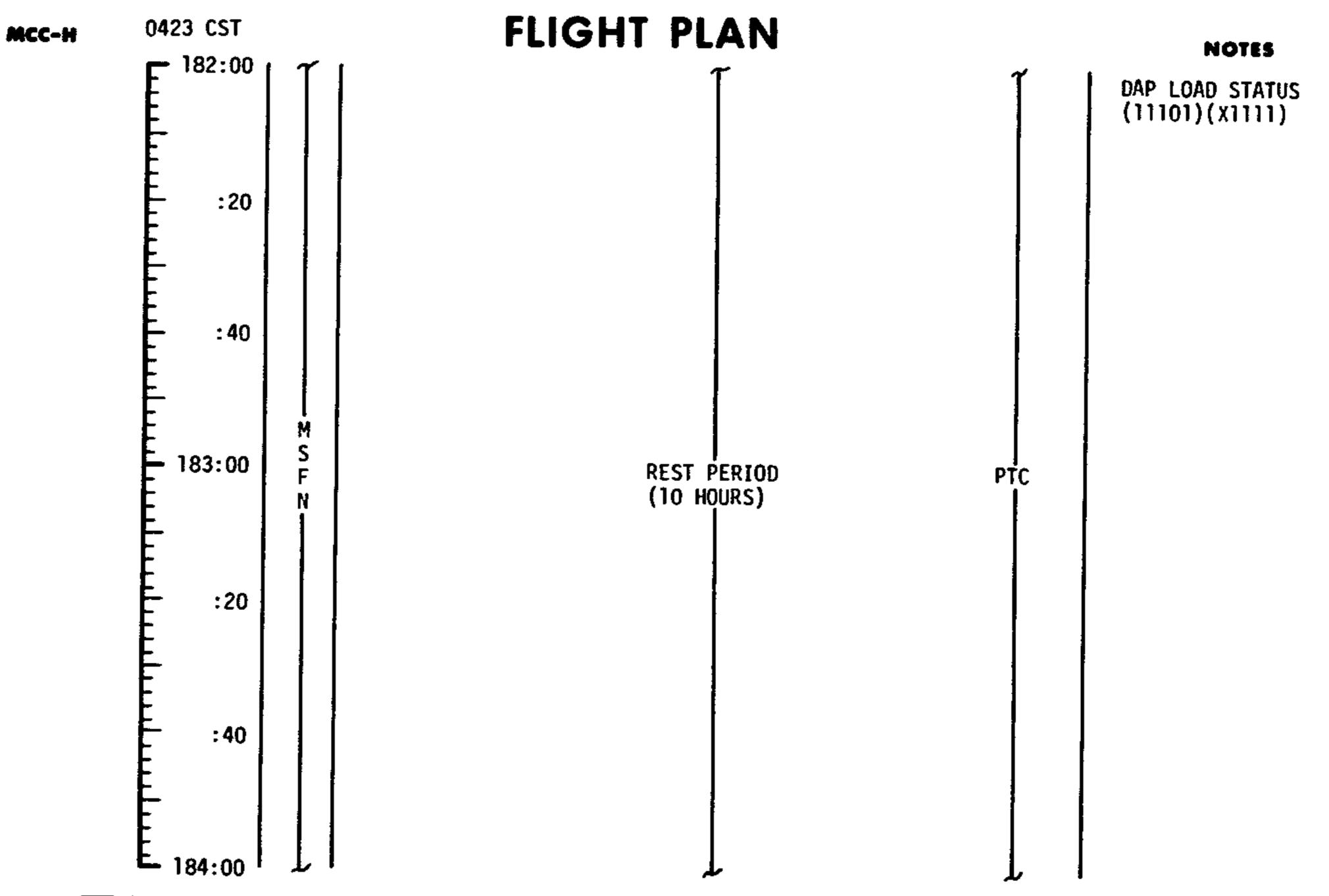
MISSION	EDITION	DATE	TIME	_ Y/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	178:00 - 180:00	7/TEC	3-254

MSC Form 29 (May 69)

FLIGHT PLANNING BRANCH



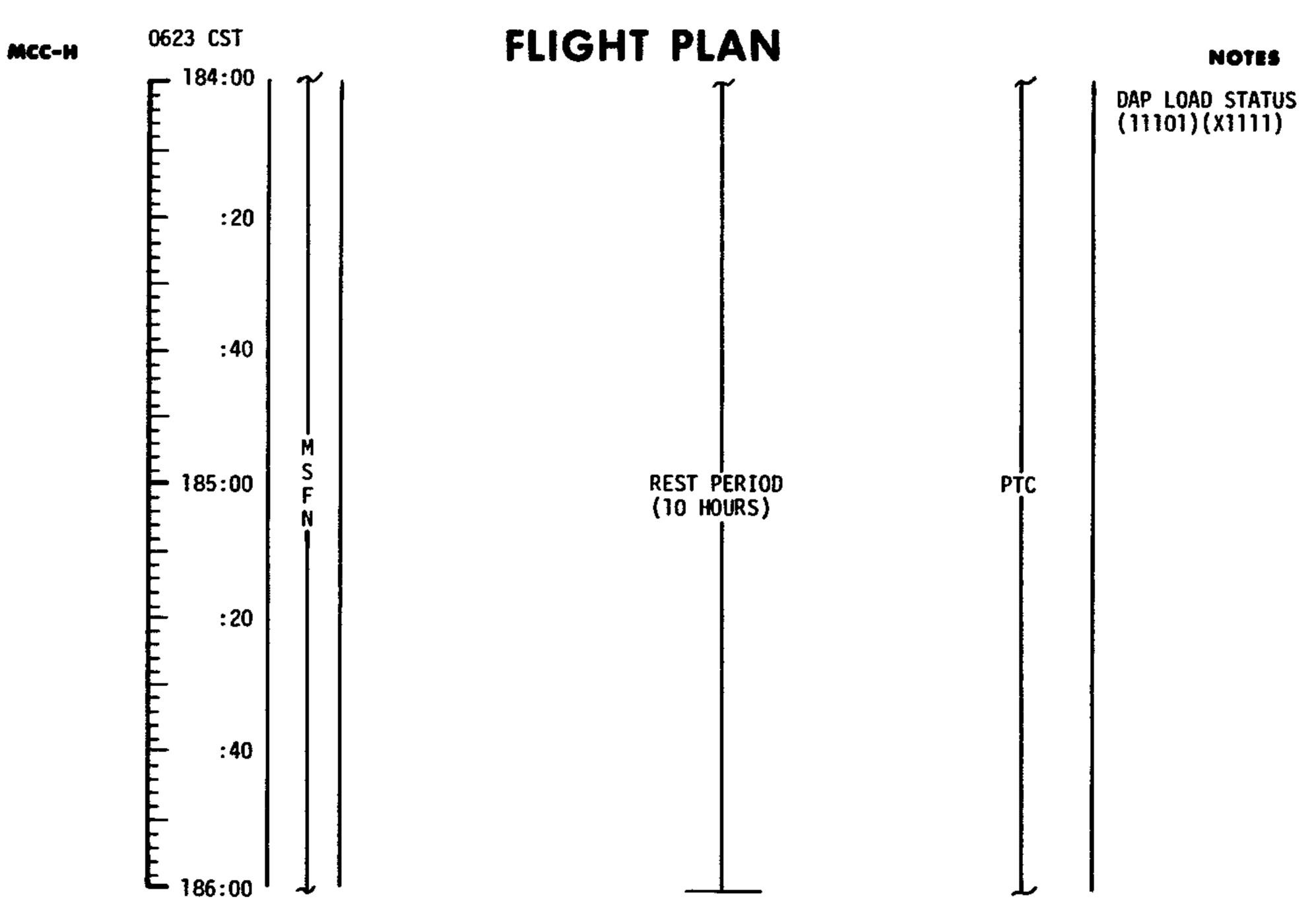
MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	180:00 - 182:00	7/TEC	3-255



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	182:00 - 184:00	7/TEC	3-256

MSC Form 29 (May 69)

FLIGHT PLANNING BRANCH



MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 14	FINAL (JAN)	DECEMBER 2, 1970	184:00 - 186:00	7/TEC	3-257