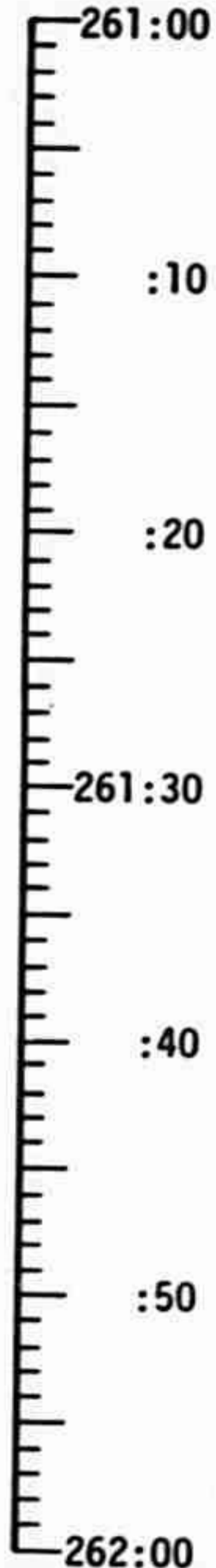


MCC-H

0854 CST

# FLIGHT PLAN

## NOTES



M  
S  
F  
N

TIME & LOG ALL URINE VOIDS AND MEASURE  
FLUID INTAKE UNTIL ~284:30 GET

EAT PERIOD

SUPER  
GAL  
AUX  
PTC

SIM EXP STATUS  
(\*0210)  
(00224)

DAP LOAD STATUS  
(11101)(X1111)

EARTH DISTANCE  
~ 128,254 NM

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	261:00 - 262:00	12/TEC	3-367

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

0954 CST

NOTES

262:00  
:10  
:20  
262:30  
:40  
:50  
263:00

M  
S  
F  
N

**EVALUATE TRANSMISSION OF SXT, SCT, & WINDOWS WITH SPOTMETER ON SUN**

SIM EXP STATUS  
(\*0210)  
(00224)

DAP LOAD STATUS  
(11101)(X1111)

P52 (OPTION 3 )  
(PTC ORIENT)

REPORT: GYRO TORQUING ANGLES  
GDC ALIGN

**CSM EXP/EVA CHECKLIST**

ALFMED, PAGE X/2-38  
LIGHT FLASH PHENOMENON OBSERVATION  
DON EYESHIELDS

SUPER  
GAL  
AUX  
PTC

P52 IMU REALIGN	
N71:	___ . ___
N05:	___ . ___
N93:	
X	___ . ___
Y	___ . ___
Z	___ . ___
GET	___ : ___ :

LIGHT  
FLASH  
OBS

MSFN CMDS:  
DSF RECORD

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16) CHANGE A	3/27/72 3/6/72e (P4I)	262:00 - 263:00	12/TEC	3-368

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

1054 CST

## NOTES



M  
S  
F  
N

L  
I  
G  
H  
T  
F  
L  
A  
S  
H  
O  
B  
S

S  
U  
P  
E  
R  
G  
A  
L  
A  
U  
X  
P  
T  
C

SIM EXP STATUS  
(\*0210)  
(00224)  
  
DAP LOAD STATUS  
(11101)(X1111)

MSPN CMDS:  
DSE STOP/REWIND

CSM G&C CHECKLIST

EXIT G&N PTC USING SIM BAY JET CONFIGURATION PAGE G/8-3

EARTH DISTANCE  
~ 119,681 NM

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16) <small>CHANGE A</small>	3/27/72 3/6/72c (PLI)	263:00 - 264:00	12/TEC	3-369

FLIGHT PLANNING BRANCH

MCC-H

1154 CST

# FLIGHT PLAN

NOTES

264:00  
:10  
:20  
264:30  
:40  
:50  
265:00

MSFN

PASSIVE THERMAL CONTROL (G&N) PAGE G/8-2  
 COMM HGA REACQ MODE P -40, Y 90  
 V49 MNVR TO ECLIPTIC AUX PTC ATTITUDE  
 (N20,128,042)  
 P20 OPT 2, X-AXIS  
 N78 (0,0,0)  
 N79 (-0.4200, +000.50)  
 N34 (0,0,0)  
 CONFIGURE FOR URINE DUMP

QUAD D, A3, AND  
 C4 WILL BE USED  
 FOR PTC RATE  
 DAMPING, B2 & D2  
 FOR PTC SPINUP

LiOH CANISTER CHANGE  
 (22 INTO A, STOW 20 IN A4)  
 H<sub>2</sub> PURGE LINE HEATER - ON

PURGE O<sub>2</sub> FUEL CELL 1  
 MS - RETR TO 12 FEET (1 MIN 35 SEC)  
 PURGE O<sub>2</sub> FUEL CELL 2

MS - RETR TO 6 FEET (43 SEC)  
 PURGE O<sub>2</sub> FUEL CELL 3

MS - DPLY  
 H<sub>2</sub> FUEL CELL PURGE

URINE DUMP  
 WASTE WATER DUMP TO PERCENTAGE SPECIFIED BY MSFN

H<sub>2</sub> PURGE LINE HEATER - OFF

ECLIPTIC  
AUX  
PTC

SIM EXP STATUS  
 (\*0210)  
 (00224)

DAP LOAD STATUS  
 (11101)(X1111)  
 ONLY 5 MIN OF RATE  
 DAMPING REQUIRED

UPDATE TO CSM  
 WASTE WATER  
 DUMP LEVEL  
 MS RETR TIME  
 (12 & 6 FEET)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	264:00 - 265:00	12/TEC	3-370

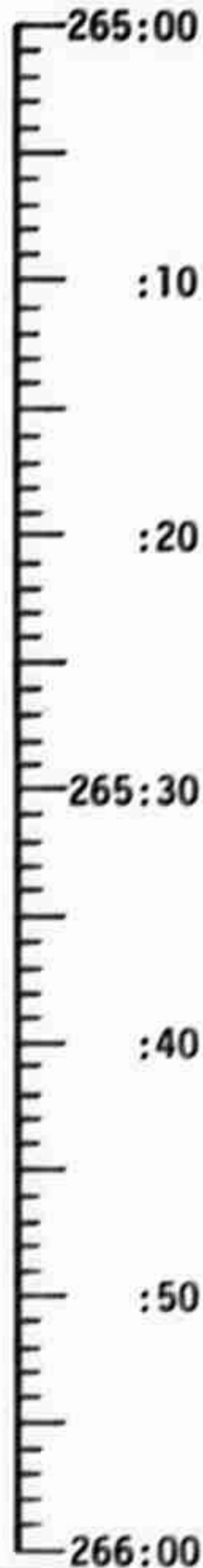
FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

1254 CST

## NOTES



M  
S  
F  
N

CREW EXERCISE PERIOD

ECLIPTIC  
AUX  
PTC

SIM EXP STATUS  
(\*0210)  
(00224)

DAP LOAD STATUS  
(11101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	265:00 - 266:00	12/TEC	3-371

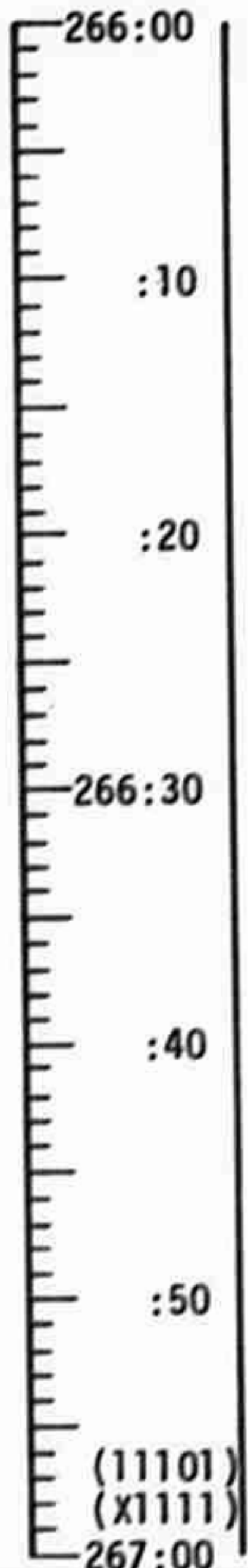
FLIGHT PLANNING BRANCH

MCC-H

1354 CST

# FLIGHT PLAN

NOTES



M  
S  
F  
N

GR SHIELD - OFF

CREW EXERCISE PERIOD

GR - GAINSTEP - ON (UP) 4 STEPS (STEP 3)/SHIELD - ON (CTR)

XR - ON

ECLIPTIC  
AUX  
PTC

SIM EXP STATUS  
(\*0210)  
(00224)  
  
DAP LOAD STATUS  
(11101)(X1111)

CSM G&C CHECKLIST

EXIT G&N PTC USING SIM BAY JET CONFIGURATION PAGE G/8-3

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	266:00 - 267:00	12/TEC	3-372

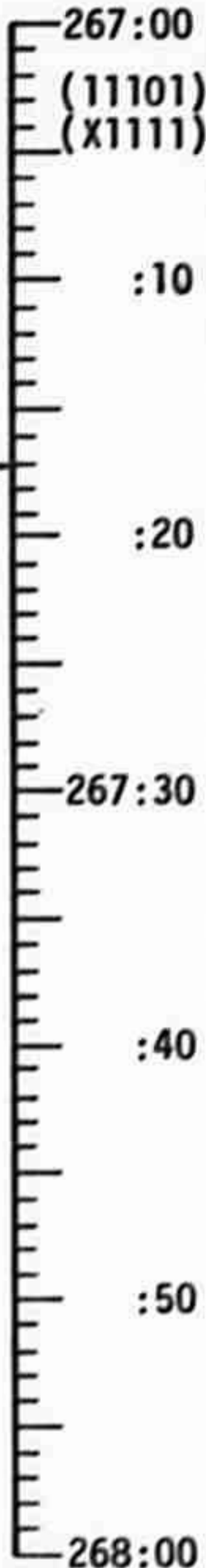
FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

1454 CST

NOTES



MSFN CMDS:  
DSE DUMP

MSFN

V49 MNVR TO X-RAY POINTING ATT (SCO X-1) (267:15)  
(332,280,000) HGA P 1, Y 261

AP/XR COVER OPEN

EAT PERIOD

SCO  
X-1

SIM EXP STATUS  
(\*0210)  
(00222)

IF MCC-6 IS REQUIRED:  
UPLINK TGT LOAD  
UPDATE MNVR PAD

EARTH DISTANCE  
~ 107,534 NM

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16) <small>CHANGE A</small>	3/27/72 3/6/72-c (P41)	267:00 - 268:00	12/TEC	3-373

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

1554 CST

NOTES

268:00  
 (11101)  
 (X1111)  
 :10  
 :20  
 268:30  
 :40  
 :50  
 269:00

M  
S  
F  
N

GR: GAINSTEP - ON (UP) 4 STEPS (STEP 7)/SHIELD-ON (CTR)  
 P52 (OPTION 3)  
 (PTC ORIENT)

MS - RETR

REPORT: GYRO TORQUING ANGLES  
 GDC ALIGN

CHARGE BATTERY A

MS - DPLY

SCO  
X-1

SIM EXP STATUS  
 (\*0211)  
 (00222)

IF MCC-6 REQUIRED,  
 PERFORM AT 268:23

<b>P52 IMU REALIGN</b>	
N71:	___ . ___
N05:	___ . ___
N93:	
X	___ . ___
Y	___ . ___
Z	___ . ___
GET	___ : ___ : ___

UPDATE TO CSM  
ENTRY PAD

UPLINK TO CSM  
CSM S.V. & V66

EI -22 HR

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	268:00 - 269:00	12/TEC	3-374

FLIGHT PLANNING BRANCH



# FLIGHT PLAN

MCC-H

1654 CST

NOTES

269:00  
 (11101)  
 (X1111)  
 :10  
 :20  
 269:30  
 :40  
 :50  
 270:00

M  
S  
F  
N

**ENTRY CHECKLIST**

EMS ENTRY CHECK PAGE E/1-3

GR: SHIELD - OFF  
 AP/XR COVER - CLOSE  
 XR - STBY  
 V49 MNVR TO THERMAL ATT (269:40)  
 (175,283,340) OMNI D

GR: SHIELD - ON (CTR)

MS - RETR TO 15 FEET (1 MIN 14 SEC)

SCO  
X-1

SIM EXP STATUS  
 (\*0211)  
 (00222)

UPDATE TO CSM  
 MS BOOM RETR  
 TIME (15 FEET)

MSFN CMDS:  
 DSE RECORD HBR

ENABLE ALL JETS  
 P47 *MAN ATT (3) - ACCEL CMD*

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	CHANGE A (4/16)	3/27/72	269:00 - 270:00	12/TEC	3-375

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

1754 CST

NOTES

270:00  
 (11101)  
 (X1111)  
 :10  
 :20  
 270:30  
 :40  
 :50  
 271:00

M  
S  
F  
N

TRANSLATE -Y FOR <1 SEC (FIRES RCS JETS C1 & A2)  
 P00  
 WAIT 5 MINS  
 YAW LEFT FOR <1 SEC (FIRES RCS JETS B4 & D4)  
 INHIBIT ALL JETS EXCEPT A1&C2 OR D1&B2,A3,C4,B3,D4

**TIME CALIBRATION ON TAPE RECORDER**

**CNC MODE - FREE**  
**NAV ATT(3) - RATE CMD**  
**CNC MODE - AUTO**

MS: ION SOURCE - STBY

MS: ION SOURCE - ON  
 MS - DPLY

CSM EXP/EVA CHECKLIST

SKYLAB CONTAMINATION SEQ B, PAGE X/2-29  
 MAG (X)

V49 MNVR TO SKYLAB CONTAMINATION ATT (271:00)  
 (042,229,004) HGA P -72, Y 304

MC/LA COVER - OPEN

SIM EXP STATUS  
 (\*0220)  
 (00224)

MSFN CMDS:  
 DSE DUMP

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	CHANGE A (4/16)	3/27/72	270:00 - 271:00	12/TEC	3-376

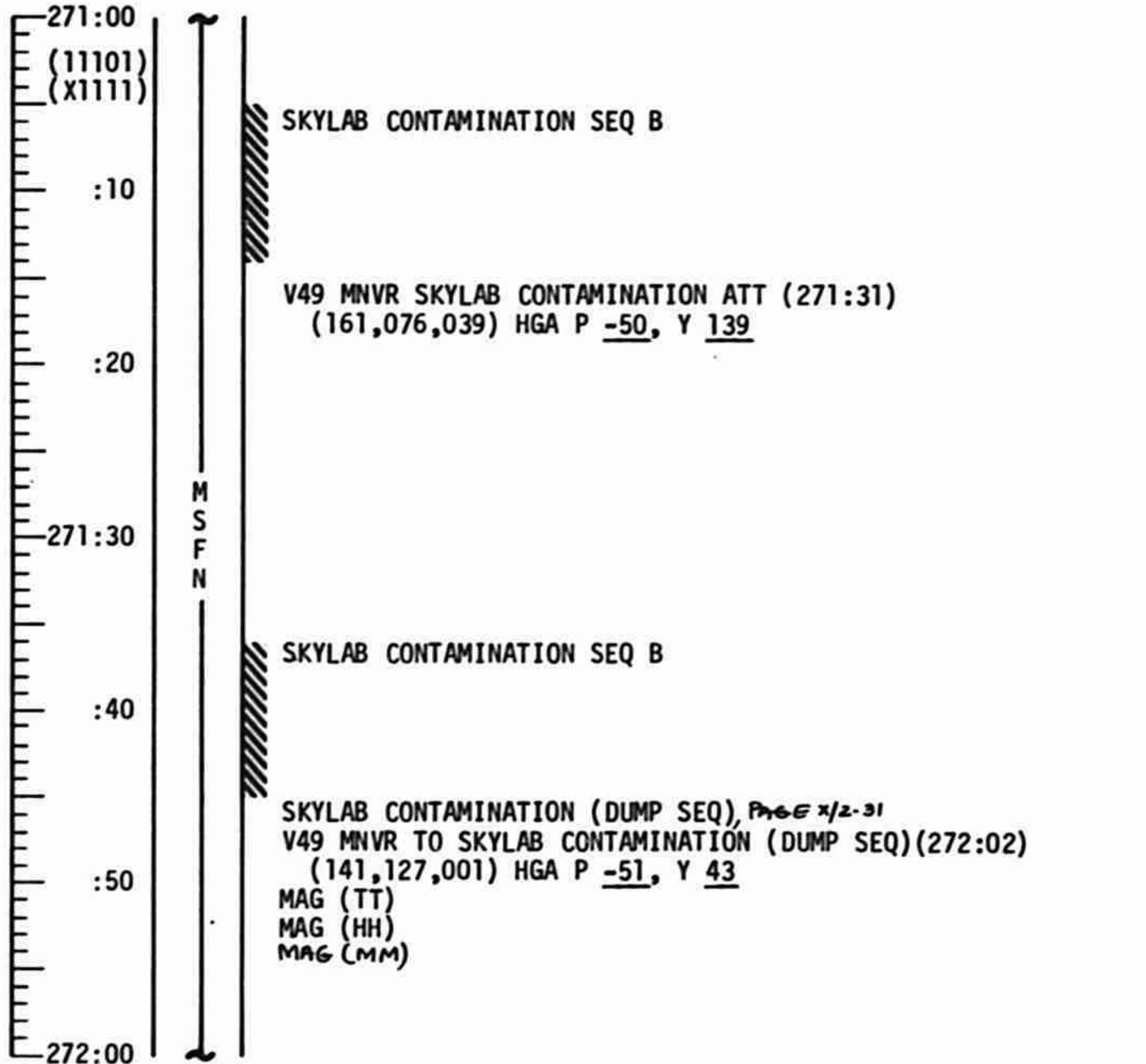
FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

1854 CST

NOTES



SIM EXP STATUS  
(\*2210)  
(00224)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/27/72-3/6/72e (P11)	271:00 - 272:00	12/TEC	3-377

CHANGE A

FLIGHT PLANNING BRANCH

MCC-H

1954 CST

# FLIGHT PLAN

NOTES



MSFN

MC/LA COVER - CLOSE

SKYLAB CONTAMINATION (DUMP SEQ)

V49 MNVR TO SKYLAB DUMP OBSERVAITON ATT (272:17)  
 (086,080,034) HGA P -43, Y 239

SKYLAB CONTAMINATION (DUMP SEQ)

SIM EXP STATUS  
 (\*2210)  
 (00224)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	272:00 - 273:00	12/TEC	3-378

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

2054 CST

NOTES

273:00  
 (11101)  
 (X1111)  
 :10  
 :20  
 273:30  
 :40  
 :50  
 274:00

M  
S  
F  
N

XR - ON  
 START ON ENTRY STOWAGE

GR: SHIELD - OFF  
 V49 MNVR TO X-RAY POINTING/THERMAL ATTITUDE (CYG X-1)(273:30)  
 (278,295,310) OMNI BC

AP/XR COVER - OPEN  
 GR: SHIELD - ON (CTR)

CDR DON BIOMED HARNESS  
 CMP DOFF BIOMED HARNESS

REPORT: CM RCS INJECTOR VALVE TEMPS  
 (SYS TEST METER 5C, 5D, 6A, 6B, 6C, 6D)

LiOH CANISTER CHANGE  
 (23 INTO B, STOW 21 IN A5)

SIM EXP STATUS  
 (\*0210)  
 (00224)

CYG  
X-1

CM RCS INJECTOR TEMP	
5C _____	5D _____
6A _____	6B _____
6C _____	6D _____

MSFN CMD:  
 DSE RECORD HBR

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	CHANGE <del>X</del> <sup>B</sup> (4/16)	<del>3/27/72</del> 4/7/72	273:00 - 274:00	12/TEC	3-379

FLIGHT PLANNING BRANCH

MCC-H

2154 CST

# FLIGHT PLAN

NOTES

274:00  
 (11101)  
 (X1111)  
 :10  
 :20  
 274:30  
 :40  
 :50  
 275:00

M  
S  
F  
N

V49 MNVR TO X-RAY POINTING (CYG X-1) ATT (274:30)  
 (178,127,039) HGA P -22, Y 98

CYG  
X-1

SIM EXP STATUS  
 (\*0211)  
 (00222)  
 EARTH DISTANCE  
 ~ 87,373 NM

EAT PERIOD

CYG  
X-1

MSFN CMD:  
DSE DUMP

UPLINK TO CSM:  
CSM S.V. & V66

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	CHANGE A (4/16)	3/27/72	274:00 - 275:00	12/TEC	3-380

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

2254 CST

NOTES

275:00  
 (11101)  
 (X1111)  
 :10  
 :20  
 275:30  
 M  
 S  
 F  
 N  
 :40  
 :50  
 276:00

EAT PERIOD

CYG  
 X-1

SIM EXP STATUS  
 (\*0211)  
 (00222)

**CSM SYSTEMS CHECKLIST**

PRE-SLEEP CHECKLIST PAGE S/1-29  
 COMM - HGA  
 LOGIC PWR (2) - OFF  
 FILM MAGS REQD FOR NEXT DAY:  
 DAC: CEX-GG  
 EL: UV-00, CEX-RR

**CSM G&C CHECKLIST**

PASSIVE THERMAL CONTROL (G&N) PAGE G/8-2  
 COMM: HGA REACQ MODE P -40, Y 90  
 V49 MNVR TO SUPER GAL PTC ATTITUDE  
 (N20,043,335)  
 P20 OPT. 2, X-AXIS  
 N78 (0,0,0)  
 N79 (-0.4200, +000.50)  
 N34 (0,0,0)

QUAD D, A3, AND  
 C4 WILL BE USED  
 FOR PTC RATE  
 DAMPING, B2&D2  
 FOR PTC SPINUP

SUPER  
 GAL  
 PTC

DAP LOAD STATUS  
 (11101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	Chg B FINAL (4/16)	3/6/72 4/7/72	275:00 - 276:00	12/TEC	3-381

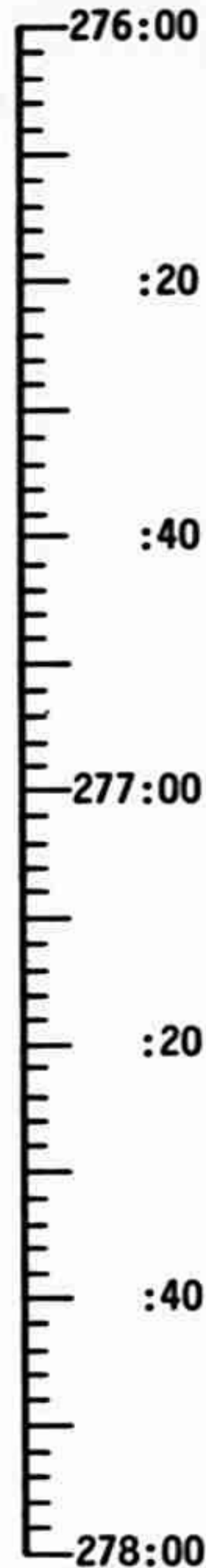
FLIGHT PLANNING BRANCH

MCC-H

2354 CST

# FLIGHT PLAN

NOTES



M  
S  
F  
N

REST PERIOD  
(8 HOURS)

SUPER  
GAL  
PTC

SIM EXP STATUS  
(\*0211)  
(00222)

DAP LOAD STATUS  
(11101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	276:00 - 278:00	12/TEC	3-382

FLIGHT PLANNING BRANCH



# FLIGHT PLAN

MCC-H

0154 CST

NOTES



M  
S  
F  
N

REST PERIOD  
(8 HOURS)

SUPER  
GAL  
PTC

SIM EXP STATUS  
(\*0211)  
(00222)  
  
DAP LOAD STATUS  
(11101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	278:00 - 280:00	12/TEC	3-383

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

0354 CST

NOTES



M  
S  
F  
N

REST PERIOD  
(8 HOURS)

SUPER  
GAL  
PTC

SIM EXP STATUS  
(\*0211)  
(00222)

DAP LOAD STATUS  
(11101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	280:00 - 282:00	12/TEC	3-384

FLIGHT PLANNING BRANCH

# FLIGHT PLAN

MCC-H

0554 CST

## NOTES



M  
S  
F  
N

REST PERIOD  
(8 HOURS)

SUPER  
GAL  
PTC

SIM EXP STATUS  
(\*0211)  
(00222)

DAP LOAD STATUS  
(11101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	282:00 - 284:00	12-13/TEC	3-385

FLIGHT PLANNING BRANCH