

MCC-H

0854 CST

FLIGHT PLAN

NOTES



M
S
F
N

REST PERIOD
(8 HOURS)

CSM SYSTEMS CHECKLIST
 POST-SLEEP CHECKLIST PAGE S/1-29

PTC

TERMINATE URINE COLLECTION PERIOD:
 UNSTOW OVERBAGS (A6)
 INSERT EACH SAMPLE BAG IN AN OVERBAG & STOW (A6)
 IF BAGS WILL NOT FIT, MANUALLY AGITATE BAGS TO
 INSURE HOMOGENEITY AND DUMP PART OF URINE OVERBOARD
 PER URINE DUMP MODE PAGE S/1-12
 G. URINE STOWAGE BAG (DUMP)

URINE COLLECTION ENDS
WITH FIRST VOID AFTER
WAKEUP.

LMP DON BIOMED HARNESS
 CMP DOFF BIOMED HARNESS

DAP LOAD STATUS
(21101)(X1111)

UPDATE TO CSM
CONSUMABLES STATUS
FLIGHT PLAN

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	45:00 - 46:00	3/TLC	3-44

FLIGHT PLANNING BRANCH

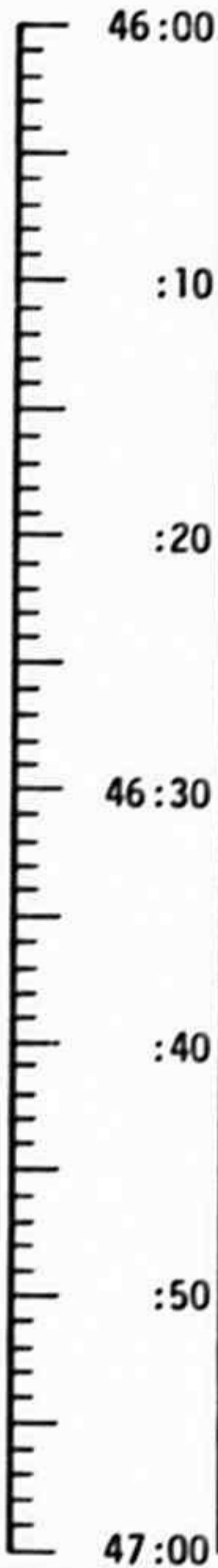
FLIGHT PLAN

MCC-H

0954 CST

NOTES

DAP LOAD STATUS
(21101)(X1111)
EARTH DISTANCE
~154,300 NM



M
S
F
N

EAT PERIOD

PTC

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	46:00 - 47:00	3/TLC	3-45

FLIGHT PLANNING BRANCH

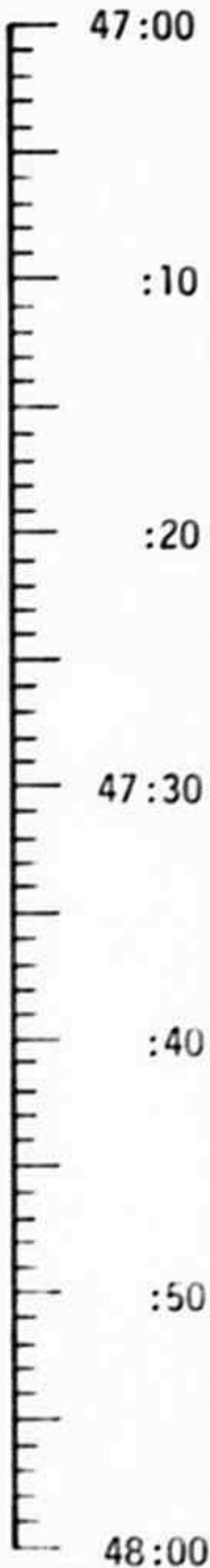
FLIGHT PLAN

MCC-H

1054 CST

NOTES

MSFN CMDS:
DSE RECORD



M
S
F
N

CSM EXP/EVA CHECKLIST

ALFMED, PAGE X/2-38
MAG (VV)

ALFMED

PTC

DAP LOAD STATUS
(21101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16) CHANGE A	3/27/72-3/6/72	47:00 - 48:00	3/TLC	3-46

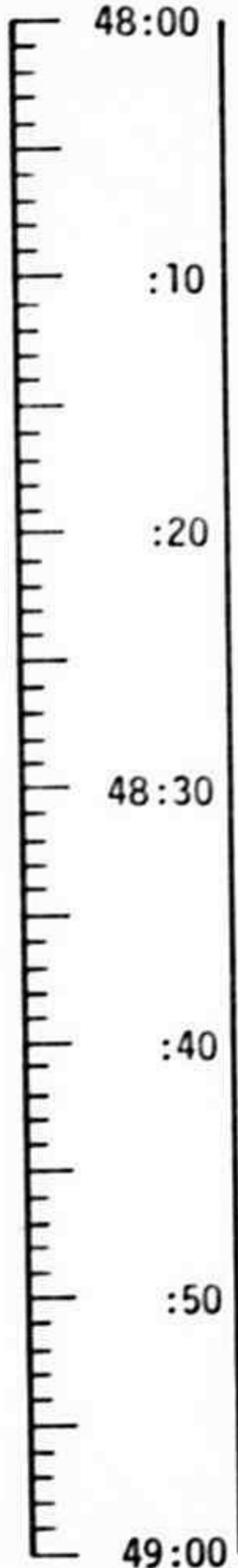
FLIGHT PLANNING BRANCH

FLIGHT PLAN

MCC-H

1154 CST

NOTES



MSFN

SYNCHRONIZE MISSION TIMER TO CMC CLOCK (IF REQUIRED)
 V05N01E, 1706E (T EPHEM VERIFICATION BY MSFN,
 COPY ON MSFN CUE FROM DSKY)

CHARGE BATTERY B
 LiOH CANISTER CHANGE
 (6 INTO B, STOW 4 INTO B5)

CREW EXERCISE PERIOD

ALFMED

PTC

DAP LOAD STATUS
 (21101)(X1111)

T EPHEM UPDATE	
OID	LOAD B
03	-----
04	-----
05	-----

LIFT-OFF TIME WILL
 BE UPDATED IF THE
 TIME PROPAGATED
 AHEAD TO START OF
 REV 2 DIFFERS FROM
 76:39:38.7 BY MORE
 THAN 1 MINUTE

MSFN CMDS:
 DSE STOP
 UPLINK TO CSM
 LIFT-OFF TIME
 (IF REQUIRED)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	48:00 - 49:00	3/TLC	3-47

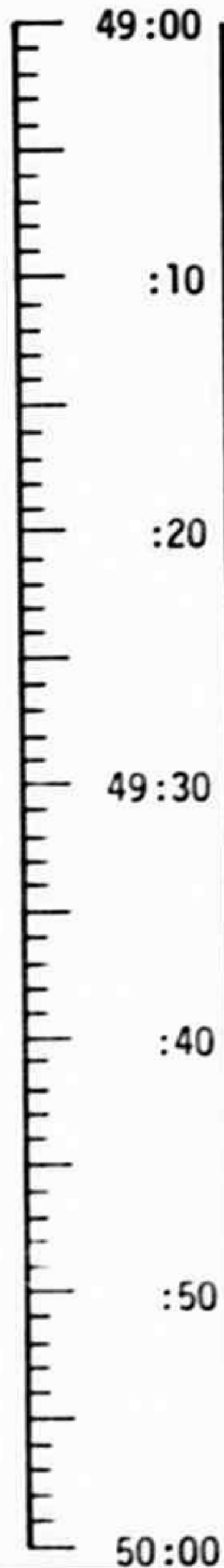
FLIGHT PLANNING BRANCH

MCC-H

1254 CST

FLIGHT PLAN

NOTES



M
S
F
N

P52 (OPTION 3)
(PTC ORIENT)

REPORT: GYRO TORQUING ANGLES
GDC ALIGN

CREW EXERCISE PERIOD

PTC

DAP LOAD STATUS
(21101)(X1111)

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

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	49:00 - 50:00	3/TLC	3-48

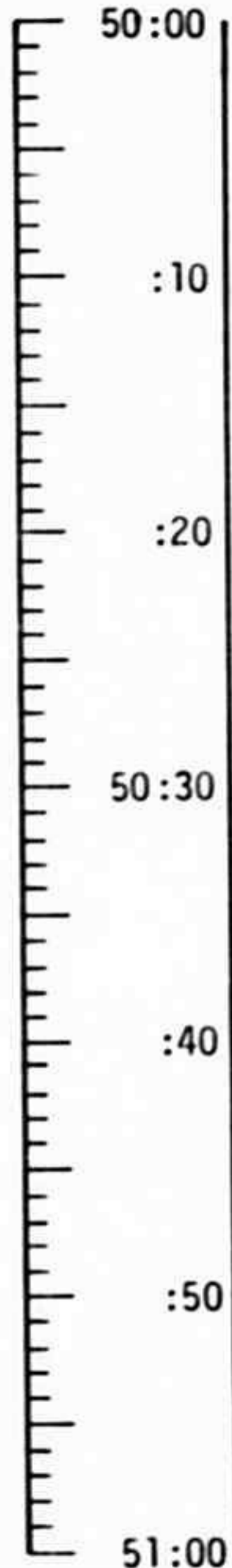
FLIGHT PLANNING BRANCH

FLIGHT PLAN

MCC-H

1354 CST

NOTES



M
S
F
N

CSM EXP/EVA CHECKLIST

SKYLAB FOOD TEST, PAGE X/2-44
MAG (JJ)

EAT PERIOD

PTC

DAP LOAD STATUS
(21101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/27/72 3/6/72	50:00 - 51:00	3/TLC	3-49

CHANGE A

FLIGHT PLANNING BRANCH

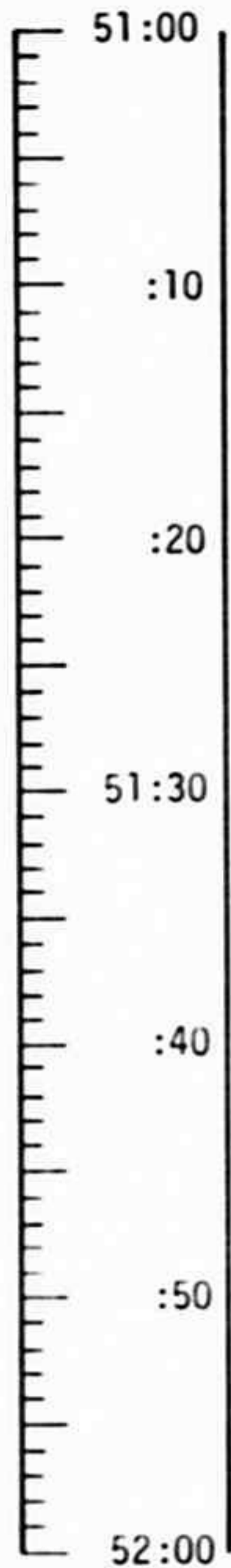
FLIGHT PLAN

MCC-H

1454 CST

NOTES

UPLINK TO CSM
CSM S.V. & V66



MSFN

EAT PERIOD

PTC

DAP LOAD STATUS
(21101)(X1111)

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

IF MCC-3 IS REQD,
UPLINK TGT LOAD
UPDATE MNVR PAD

UPDATE TO CSM
HGA ANGLES FOR
FILM CYCLING
MSFN CMD
DATA SYS - ON

ACQ MSFN, HGA: REACQ, NARROW (CUE MSFN FOR PITCH AND YAW ANGLES)

CSM EXP/EVA CHECKLIST

PC AND MC FILM CYCLING, PAGE X/1-17
MC TO STBY MODE, PAGE X/1-15

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/27/72 3/6/72	51:00 - 52:00	3/TLC	3-50

CHANGE A

FLIGHT PLANNING BRANCH

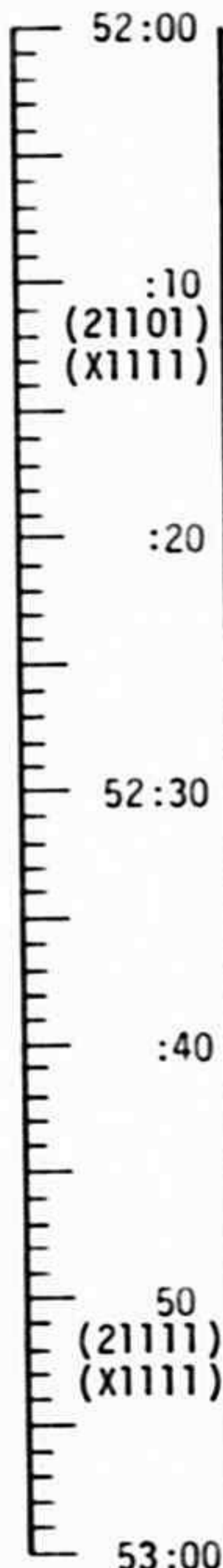
FLIGHT PLAN

MCC-H

1554 CST

NOTES

MSFN CMD
DATA SYS - OFF



M
S
F
N

OMNI B
SECURE HGA: MAN, WIDE HGA P -52, Y 270

CSM G&C CHECKLIST

EXIT G&N PTC PAGE G/8-3

CSM EXP/EVA CHECKLIST

V49 MNVR TO EARTH UV PHOTO ATT (52:30)
(208,000,017) OMNI D
EARTH UV PHOTOGRAPHY SEQ B, PAGE X/2-17
MAG (00)
MAG (NN)

PTC

DAP LOAD STATUS
(21101)(X1111)

LOI -22 HOURS

IF MCC-3 IS REQUIRED,
PERFORM AT GET 52:29

V48 (21111)
(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/27/72-3/6/72	52:00 - 53:00	3/TLC	3-51

CHANGE A

FLIGHT PLANNING BRANCH

MCC-H

1654 CST

FLIGHT PLAN

NOTES

53:00
 (21111)
 (X1111)

:10

:20

53:30

:40

:50

54:00

M
S
F
N

O₂ FUEL CELL PURGE
 WASTE H₂O DUMP

REPORT: LM/CM ΔP
 IF ΔP > 2.4 PSID:
 O₂ HEATERS 1&2 - AUTO
 PRESSURIZE CSM TO 5.7 PSIA
 COUCHES: CDR - 0°, CMP - 0°, LMP - 180°

V49 MNVR TO LM CHECKOUT ATTITUDE (53:45)
 (341,088,000) HGA P -30, Y 270

TUNNEL LIGHTS - ON
 EQUALIZE CM/LM PRESSURE (DECAL)
 TUNNEL HATCH REMOVAL (DECAL)
 PROBE REMOVAL (DECAL)
 DROGUE REMOVAL (DECAL)
 REPORT: DOCKING TUNNEL INDEX ANGLE
 O₂ HEATERS 1&2 - OFF (VERIFY)

CSM
 OPEN LM HATCH

LM

LM ACTIVATION CHECKLIST
 IVT TO LM PAGE 2-1

(AT LM REQUEST)
 LM PWR - RESET/OFF
 REPORT: GET ___:___:___

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	53:00 - 54:00	3/TLC	3-52

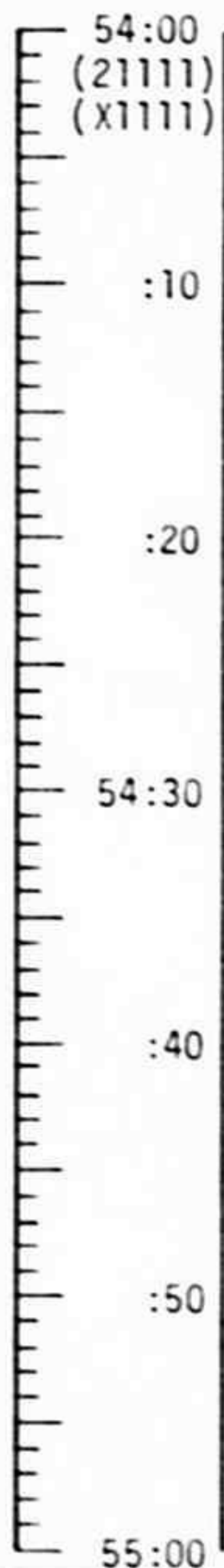
FLIGHT PLANNING BRANCH

FLIGHT PLAN

MCC-H

1754 CST

NOTES



M
S
F
N

CSM

SYS TEST - 70
 SYS TEST IND = 0 VOLTS
 PERFORM COMM CHECKS
 WITH LM

LM

COMM ACTIVATION

(AT LM REQUEST)
 LM PWR - ON
 REPORT: GET ___:___:___
 SYS TEST - 70
 SYS TEST
 IND = 0.5-3.2 VOLTS

COMM DEACTIVATION

IVT TO CSM

LMP DON PGA WITHOUT
 HELMET AND GLOVES

*Photo A7LB Suit Donning
 DAC, CIN, 10mm Lens*

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	54:00 - 55:00	3/TLC	3-53

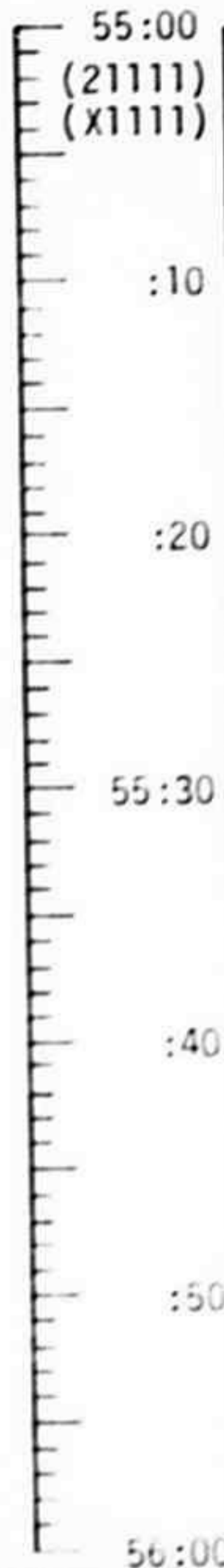
FLIGHT PLANNING BRANCH

FLIGHT PLAN

MCC.H

1854 CST

NOTES



M
S
F
N

CDR DON PGA WITHOUT HELMET AND GLOVES

CMF DON PGA WITHOUT HELMET AND GLOVES

LMP & CDR IVT TO LM
 ZIP PGA'S

LMP & CDR IVT CSM
 CLOSE LM HATCH
 INSTALL DROGUE (DECAL)
 INSTALL PROBE (DECAL)
 HATCH INSTALLATION (DECAL)
 LM TUNNEL VENT VALVE - LM/CM ΔP
 TUNNEL LIGHTS - OFF

DOFF PGA'S

STOW PGA'S WITH URINE BAG ON TOP (PGA BAG)

CDR DON BIOMED HARNESS
 LMP DOFF BIOMED HARNESS

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	55:00 - 56:00	3/TLC	3-54

FLIGHT PLANNING BRANCH

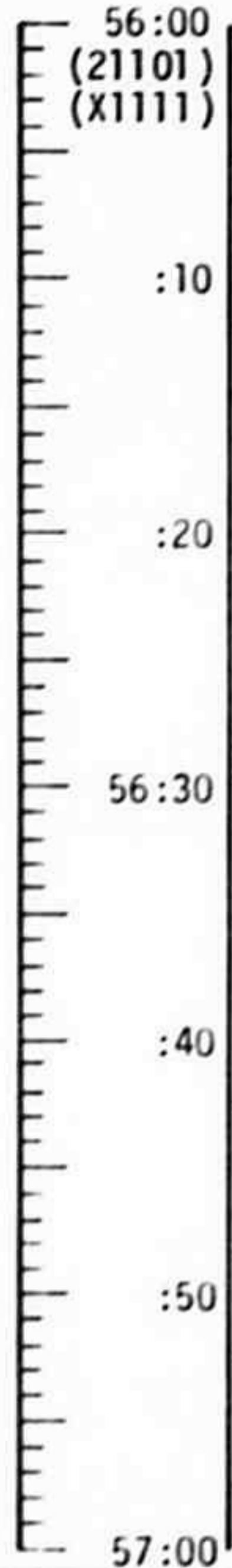
FLIGHT PLAN

MCC-H

1954 CST

NOTES

UPDATE TO CSM
QUADS TO ENABLE
FOR PTC SPINUP



S-BAND UPLINK OFF
MEASURE DOWNLINK
FREQUENCY

M
S
F
H

CYCLE CMC MODE - FREE/AUTO
V48 (21101)(X1111)

CSM G&C CHECKLIST

PASSIVE THERMAL CONTROL (G&N) PAGE G/8-2
V49 TO PTC ATTITUDE
(N20,270,000)
P20 OPT 2 X-AXIS
N78 (0,0,0)
N79 (-0.4200, +000.50)
N34 (0,0,0)

S-170 BISTATIC RADAR FREQUENCY CHECK

VHF AM B - DUPLEX
VHF RNG - RNG
VHF ANT - LEFT (VERIFY)

ON GROUND CUE:
VHF AM B - OFF
VHF RNG - OFF



DAP LOAD STATUS
(21101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	56:00 - 57:00	3/TLC	3-55

MCC-H

2054 CST

FLIGHT PLAN

NOTES

57:00
:10
:20
57:30
:40
:50
58:00

M
S
F
N

EAT PERIOD

LiOH CANISTER CHANGE
(7 INTO A, STOW 5 INTO B6)

CSM SYSTEMS CHECKLIST

PRE-SLEEP CHECKLIST PAGE S/1-29
COMM - OMNI
SECURE HGA: MAN, WIDE HGA P -52, Y 270

FILM MAGS REQD FOR NEXT DAY:
DAC: CEX - BB
EL: UV - 00, CEX - NN

PTC

DAP LOAD STATUS
(21101)(X1111)

ONBOARD READOUT

BAT C _____
 PYRO; BAT A _____
 PYRO BAT B _____
 RCS A _____
 B _____
 C _____
 D _____

DC IND SEL - MNA OR B

EARTH DISTANCE
~176,400 NM

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16) CHG B	3/6/72 4/7/72	57:00 - 58:00	3/TLC	3-56

FLIGHT PLANNING BRANCH

FLIGHT PLAN

MCC-H

2154 CST

NOTES



M
S
F
N

REST PERIOD
(8 HOURS)

PTC

DAP LOAD STATUS
(21101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	58:00-60:00	3/TLC	3-57

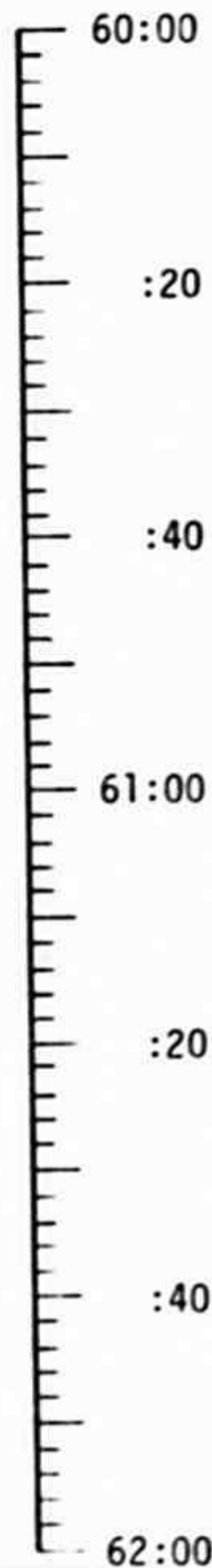
FLIGHT PLANNING BRANCH

FLIGHT PLAN

MCC-H

2354 CST

NOTES



M
S
F
N

REST PERIOD
(8 HOURS)

PTC

DAP LOAD STATUS
(21101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	60:00 - 62:00	3/TLC	3-58

FLIGHT PLANNING BRANCH

FLIGHT PLAN

MCC-H

0154 CST

NOTES



M
S
F
N

REST PERIOD
(8 HOURS)

PTC

DAP LOAD STATUS
(21101)(X1111)

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	62:00 - 64:00	3/TLC	3-59

FLIGHT PLANNING BRANCH

MCC-H

0354 CST

FLIGHT PLAN

NOTES

DAP LOAD STATUS
(21101)(X1111)



M
S
F
N

REST PERIOD
(8 HOURS)

PTC

MISSION	EDITION	DATE	TIME	DAY/REV	PAGE
APOLLO 16	FINAL (4/16)	3/6/72	64:00 - 66:00	3/TLC	3-60

FLIGHT PLANNING BRANCH