

IMU POWER UP PROCEDURE

LOGIC POWER 2/3-on
FDAI POWER - BOTH
FDAI SELECT - 1/2
CMC MODE - FREE

1 G/N IMU PWR - on (up)
NO ATT 1t - on (90 sec)
NO ATT 1t - out
Wait 15 sec (To allow PIPA inhibit
reset)

2 V37E XXE
*If CMC not available: *
* G/N IMU PWR - on(up) *
* Wait 90 sec *
* IMU CAGE - on(up) 5 sec,*
* then release *

IMU POWER DOWN PROCEDURE

CMC MODE - FREE

G/N IMU PWR - OFF
ISS warning
*RSET *
**IF IMU PWR OFF, wait 5 *
MIN PRIOR to PWR ON*

DATE 12/8/71

MEASUREMENT & LOADING OF PIPA BIAS

1 DET - RESET
SC RATES <0.1°/sec
CMC MODE - FREE

2 V25N 21E, E,E,E/Start Event Timer

3 06 21 V06 N21 (do not ENTR)
XYZ PIPA COUNTS

4 Record At T + 1:04 - ENTR
(X) R1 ____ (Y) R2 ____ (Z) R3 ____ (+000AB)

5 F 21 01 V21N 01E (use same sign as above)
1452 E (CALCULATED X BIAS) E,E,(+AB000)
1454 E (CALCULATED Y BIAS) E,E
1456 E (CALCULATED Z BIAS) E

CMC POWER UP PROCEDURE

1 PRO, hold (~5 sec) until STBY lt - out
(repeat, if necessary)
CMC warning, RESTART, PROG ALARM
*RSET and continue *

2 F 37 00E

P06 - CMC POWER DOWN PROGRAM

1 F 04 46 V48E
Load 0 (NO DAP) in left digit of R1
PRO, PRO, PRO
V46E

V37E 06E
F 50 25 00062 CMC PWR DN

PRO, hold (~5 sec) until STBY lt - on
(repeat, if necessary)

DATE 12/8/71

CMC SELF CHECK

- 1 F 21 01 V25 N01E, 1365E
E,E,E
- 2 15 01 V15 N01E, 1365E
R1 NUMBER OF ERRORS
R2 NUMBER OF TESTS STARTED
R3 NUMBER OF E-MEM TESTS SUCCESSFUL
- 3 V21 N27E 10E SELF TEST FIXED & ERASABLE
(4E SELF CHECKS ERASABLE
5E SELF CHECKS FIXED)
- 4 15 01 TEST SUCCESSFUL WHEN R2>3 (78 sec minimum)
* IF PROG 1t - On *
* V05 N09E 01102 SELF *
* TEST ERROR *
*N8E-Rec for MSFN *
- (TERM) V21N27E OE

OPTICS POWER UP PROCEDURE

Verify optics manual drive disengaged
OPT ZERO - OFF
OPT MODE - MAN
G/N PWR OPTICS - on (up)
OHC - Drive trun <10°
OPT ZERO - ZERO (15 sec)

OPTICS POWER DOWN

- 1 G/N PWR OPTICS - OFF

SCT MANUAL DRIVE PROCEDURE

Verify G&N PWR OPTICS - OFF

- 1 Insert tool E and rotate ~1 rev CCW
to engage drive (socket backs out)
- 2 Drive optics either direction
(~1 rev/degree)
- 3 To disengage, push and rotate
~1 rev CW(button will remain flush)

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SCS POWER UP

AUTO RCS SELECT (16) - OFF
BMAG MODE (3) - RATE 2
CMC MODE - FREE
SC CONT - CMC
cb SCS LOGIC PWR (4) - close
 ΔV CG - as required
LOGIC PWR 2/3 - on (up)
SIG COND/DRIVER BIAS PWR (2) - AC1
SCS ELEC PWR - GDC/ECA (88 watts)
FDAI PWR - OFF (verify)
BMAG PWR (2) - ON (145 watts)
FDAI PWR - BOTH (58 watts)
AUTO RCS SELECT (16) - enable

SCS POWER DOWN

EMS FUNCTION - OFF
EMS MODE - STBY
FDAI SCALE - 5/1
FDAI SELECT-1/2
FDAI SOURCE - ATT SET
ATT SET - GDC
MAN ATT (3) - MIN IMP
ATT DB - MAX
RATE - LOW
AUTO RCS SELECT (16) - OFF
TRANS CONTR PWR - OFF
RHC PWR NORMAL (2) - OFF
RHC PWR DIRECT (2) - OFF
CMC MODE - FREE
BMAG MODE (3) - RATE 2
SCS TVC (2) - RATE CMD
.05G sw - OFF
 α /Pc sw - Pc
TVC GMBL DRIVE (P&Y) - AUTO
BMAG PWR (2) - WARMUP (105 watts)
TVC SERVO PWR (2) - OFF
FDAI PWR - OFF
LOGIC PWR 2/3 - OFF
SCS ELEC PWR - OFF
SIG COND/DRIVER BIAS PWR (2) - OFF

