CABIN DEPRESS

Confirm Go For DEPRESS From Hou
CB(16) ECS: CABIN DEPRESS - Open
CABIN DEPRESS VLV - CLOSE

Ovhd Or Fwd Dmp VLV - OPEN Then AUTO @ 3.5 Psia (Verify Cuff Gage Does Not Drop Below 4.6 Psig)
Verify:
At 3.5 Psia
LM Suit Circuit Lockup At 4.3 Psia
PLSS > 4.6 Psig & Decaying

Start Wrist Watch @ 00
Ovhd Or Fwd Dmp Valve - OPEN
Verify:
Tone-On & H2O Flag A (1-2L-1.7 Psia)
PLSS > 4.6 Psig & Decaying

Partially Open Fwd Hatch
FINAL PREP FOR EGRESS : 03
PLSS PRIM H2O - OPEN (H2O Flag - Clear In 2-4 Min)
Fwd Hatch - Open
Rest Until Cooling Sufficient
Verify:
PLSS > 3.7 To 4.6 Psig
CMEA Status:
Caution
PREAMS
ECS
H2O SEP COMP Lt - ON

Lower EV Visor : 10

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Position PLSS's For Jettison, Eng Cover & Mid-Step
PLSS PRIM H2O - CLOSE

Fwd Hatch - Close & Lock
Dmp Valves (Both) - AUTO

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NOTE: PLSS 02 & PRESS Flags May Come On During Repress. If PLSS 02 < 10% Manually Control Cabin Repress To Maintain Positive PGA Pressure.
(Leave Cabin Repress CB Open For Manual Repress)

CABIN DEPRESS - AUTO
CB(16) ECS: CABIN DEPRESS - Close
MASTER ALARM & CABIN Warning Lt - On
Verify Cabin Press Increasing
PRESS REG A & B - CABIN

PLSS 02 - OFF @ Cabin > 2.5 Psia

Verify Cabin Press Stable At 4.6-5 Psia
Use Purge Valve To Depress PGA As Reqd

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POST EVA SYSTEMS CONFIGURATION
Verify EVA CB Configuration
(White Dots Out + EVA Decals)
CB(16) ECS: SUIT FAN 2 - Close
CABIN GAS RETURN - EGRESS (Verify)
PRESS A/C - Close
ECS Caution & H2O SEP Comp Lts - Out
Doff Gloves, Stow On Comm Panel

Verify Safety On Dmp Valve
DES H2O VLV - OPEN
Remove Purge Valves, Stow In Purse
Disconnect OPS 02 Hose
Connect LM 02 Hoses R/R & B/B

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HATCH OPENING
Partially Open Fwd Hatch
Ovhd Or Fwd Dmp Valve - AUTO

Fwd Hatch - Full Open
Jettison The Following:
Jett Bag
PLSS On Mid-Step
PLSS On Eng Cover
Verify Items Clear Of Ascent Stage
Fwd Hatch - Close & Lock

CABIN DEPRESS
Dmp Valves(Both) - AUTO (Verify)
CABIN DEPRESS - AUTO (Verify)
CB(16) ECS: CABIN DEPRESS - Close
MASTER ALARM & CABIN Warning Lt - On
Verify Cabin Press Increasing
PRESS REG A & B - CABIN

CABIN Warning Lt - Off
Verify Cabin Press Stable At 4.6-5 Psia

Doff Gloves, Stow On Comm Panel
Doff Helmets With Visors, Stow On ISS
Verify Safety On Dmp Valve
LM 02 Hoses, R/B & B/B

Unstow Lunar Surface Checklist, 12-1
Stow EVA 3 Prep & Post Card

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Note: This text is a screenshot of a page from a document, and it appears to be a list of steps and instructions related to cabin depressurization and hatch opening procedures. The text is technical and contains abbreviations and acronyms specific to aerospace operations.
CABIN

Confirm Go For Depress From Houub
CB(16) ECS: CABIN REPRESS - Open
CABIN REPRESS Vlv - CLOSE

Ovhd Or Fwd Dump hvv - OPEN Then AUTO &
3.5 Psia (Verify Cuff Gage Does
Not Drop Below 4.6 Psig)

Verify:
- Cabin At 3.5 Psia
- LM Suit Circuit Lockup At 4.3 Psia
- PGA > 4.6 Psig & Decaying

Start Wrist Watch :00

Ovhd Or Fwd Dump Valve - OPEN
Verify:
- Tone-On & H2O Flag - A (1.2-1.7 Psia)
- PGA > 4.6 Psig & Decaying

Partially Open Fwd Hatch

FINAL PREP FOR EGRESS :03

PLSS PRIM H2O - OPEN (H2O Flag -
Clear In 2-4 Min)

Fwd Hatch - Open
Rest Until Cooling Sufficient
Verify:
- PGA 3.7 To 4.6 Psig
- OME Status: Caution

PLSS MODE: AR (02 QTY ~85%)

PLSS MODE: 0

Disconnect LM 02

PLSS Mode (Both) - 0

AUDIO CB - Open
Connect To LM Comm

AUDIO CB - Close

AUDIO (COD & LMP)

VHF A - RCV
B - OFF

MODE: ICS/PTT
RELAY - OFF

COMM:

VHF A XMT - OFF
A RCV - ON
B XMT & RCV - OFF

TLM BIOMED - RIGHT

VHF ANTENNA - AFT

UPLINK SQUELCH-OFF

PLSS RECHARGE

Verify DES 2 02 >56%

** ** LMP 1st: ** **
Connect LM 02 To PLSS
HI PLSS 02 FILL - OPEN Then CLOSE
After 4 Min

PLSS MODE: AR (02 QTY ~85%)

PLSS MODE: 0

Disconnect LM 02

CDR Repeat 02 RECHARGE ****

Stow LM 02 Supply Hose

PLSS/OPS DOFFING

Disconnect OPS Actuator From RCU
Disconnect RCU From PLSS
PLSS PUMP,FAN-OFF(LEFT)MODE SEL - 0
Disconnect RCU From PLSS, Stow In
LGc Bag (LMHS)

Disconnect PLSS 02 Hoses

Doff PLSS/OPS (LMP 1st)

Stow LMP PLSS On Floor

Stow CDR PLSS On Mid-Step

Stow OPS 02 Hose & Actuator

Disconnect OPS Antenna Lead

Unstow Jett Bag (LHSSC), Hang From
CDR’s LH Handhold

Install Gas Conn Plugs (Purse) In PAGA

Install PLSS Elect Dust Cap (Purse)

CAUTION: Insure PLSS L10H Carts & Batts
Numbered 3 or 4 Replaced with 5 or 6.
PLSS DONNING

** ** LMP 1st: ** **
Set PLSS On Mid-Step
Verify OPS Reg Decay
Unstow 02 Nozzles & Antenna Lead
Secure Flaps
Attach OPS To PLSS
Connect OPS Antenna Lead To PLSS
Verify Sublimator Exhausts Clear

Unstow PLSS Straps & Hoses
Remove Elct Dust Cap, Stow In Purse
Verify AUX H2O, DIVERTER, 02, & PRIM H2O - OFF

Connect PLSS 02 Hoses To PGA
Verify AUX H2O, DIVERTER, 02, & PRIM H2O - OFF
Connect RCU To PGA & Upper Straps
Verify RCU Controls:
PUMP, FAN - OFF (Left) MODE SEL-O
Connect RCU To PLSS

Unstow OPS 02 Hose & Activator, Route Hose Behind PGA
Connect Activator To RCU

NOTE:

PLSS COMM CHECK
Verify Powerdown CB Configuration
(White Dots Out)
Verify Voice Comm With Hou

Audio (LMP)
S-BAND - T/R
ICS - T/R
RELAY - ON
MODE - VOX
VOX SENS MAX
VHF A - T/R
B - RCV

PLSS PRESS.

CB(16) COMM: SE AUDIO - Open

PLSS PIT (LMP) - MAIN (Rt), Verify
PLSS Mode (LMP) - A, Wheel-CGW
(Tone-On, Vent Flag - P,
Press Flag - O, 02 Mom)
PLSS 02 Press Gage > 85%
LMP Comm Check With CDR And Hou

NOTE: Unstow PLSS Antenna If It Transmits Garbled And/Or Loses TM

CB(11) COMM: CDR AUDIO - Open

cdr Connect To PLSS Comm

CB(11) COMM: CDR AUDIO - Close
Audio (CDR)
VHF A - OFF
VHF B - OFF
PLSS PIT (CDR) - MAIN (Rt), Verify
PLSS Mode (CDR) - B, Blade-CGW
(Tone-On, Vent Flag - P,
Press Flag - O, 02 Mom)
PLSS 02 Press Gage > 85%
LMP Comm Check With CDR And Hou

NOTE: Crewman In Mode B Cannot Hear Hou
LMP Check With CDR And Hou
PLSS Mode (LMP) - B, Blade-CGW(Tone-On)
PLSS Mode (CDR) - A, Wheel-CGW(Tone-On)

NOTE: (AR) Wheel-Hou, Blade-EVA
A
Perform Comm & TM Check With Hou & Comm Check With Each Other
Read PLSS 02 Qty to Hou