SAA DEPLOYMENT PREP – RELEASE LOWER BETA GIMBAL LAUNCH RESTRAINTS

CLAMPING SHAFT (R078232-3), TO RELEASE TURN COUNTERCLOCKWISE. BREAK GROUND SET TORQUE @ 55 (2X)

REMOVE PIP PIN (R03095-112)
PRIOR TO BREAKING TORQUE
REPLACE PIP PIN (2X)
AFTER COMPLETING OPERATION

VIEW M 2 PLACES

ZENITH

SECTION G-G VIEW
SAA DEPLOYMENT PREP – FOUR BAR IN LOCKED POSITION (8)
SAA DEPLOYMENT PREP – DISENGAGE BLANKET BOX PIVOT FITTING PIP PINS
SAA DEPLOYMENT PREP – RE-ENGAGE BLANKET BOX PIVOT FITTING PIP PINS

ENGAGE PIP PINS IN PIVOT LID
LMIS (5061426-001)

VIEW W

VIEW AF

VIEW V

STARBOARD

AFT

ZENITH
SAA DEPLOYMENT PREP – SOLAR ARRAY LOCKING ARMS

- Tip fitting LHMS (5842517-003) turn counterclockwise to break ground set torque @ 25 ft. fasteners will pop up when disengaged.

- Verify locking sleeve LHMS (583333)-001 is in locked position shown, tvp upper and lower blanket boxes.

- Tip fitting installed 3 places each mast canister.

- Tip fitting deployed 3 places each mast canister.

VIEW Y-Z
Solar Array Locking Arms
LOCATION OF P6 (LONG SPACER) STOWAGE BIN (RE3312)
REPOSITION P6 KEEL PIN

- Engage bolt (R075306)
- Break ground set torque 7F7
- Unfasten 1/20 turns CCW
- And remove fastener

- Keel retention assy (R075381)

- Rotate keel (housing, R075176) until hard
dock detent (pin, R075389) captures

- Reattach assy (R075301),
  engage bolt (R075389),
  rotate bolt 1/20 turns

Port
Forward
Zenith

Launch
Deployed

View H
PV RADIATOR DEPLOYMENT – PVR CINCHES STOWED

After retracting winch drive M10
Re-install cover (03-46235-103)
And EVA fasteners (03-42161-103)
Torque fil (4X)
(Eight operation)

Stow cinches in cinch clips (6X)
PV RADIATOR DEPLOYMENT – ACTIVATE H2O WINCH DRIVE

- Tie down H33 winch rod assy (83-42141-101)
- Actuate H10 winch drive (83-42140-101) (fourth operation)
- After re-attaching pip pins, use winch drive to retract winch rods (seventh operation)

Unfasten H11 cinch assy (first operation) (see Sh 17)

Restrain cover away from cinch work site. Attach to handhold (recommended).

Replace cover (ninth operation)

CIS ENGAGE PIP PIN (2X) (RE: 4363-09) (FIFTH OPERATION)
Stow PIP pin back into winch rod (2X) (SIXTH OPERATION)
ATTACH Z1/P6 UMBILICALS PREMATE

- DETACH UMBILICAL V204-P254 FROM DUMMY RECEPTACLE Z1 J253. RELEASE 2 EVA CLAMPS.
- DETACH UMBILICAL W46-P250 FROM DUMMY RECEPTACLE Z1 J250. RELEASE 3 EVA CLAMPS (PLUS 1 OPTIONAL).
- DETACH UMBILICAL W2-P227 FROM DUMMY RECEPTACLE Z1 J257. RELEASE 3 EVA CLAMPS (PLUS 1 OPTIONAL).
- DETACH UMBILICAL W120-P255 FROM DUMMY RECEPTACLE Z1 J255. RELEASE 2 EVA CLAMPS.
- DETACH UMBILICAL W140-P255 FROM DUMMY RECEPTACLE Z1 J256. RELEASE 2 EVA CLAMPS.
- DETACH UMBILICAL W08A-P260 FROM DUMMY RECEPTACLE Z1 J260. RELEASE 4 EVA CLAMPS.
- DETACH UMBILICAL W01A-P259 FROM DUMMY RECEPTACLE Z1 J259. RELEASE 2 EVA CLAMPS.

P6 J153-J160. CONNECTOR CAP S22698-006-373. 8 PLACES

VIEW A9-A9 (ROTATED 90° CW)
ATTACH Z1/P6 UMBILICALS MATED

MATING UMBILICALS AND APPLY EVA WIRE TIES PER SSD3316736 AS REQUIRED

MATE UMBILICAL W204-P253 TO P6 J153 TRANSFER CONNECTOR CAP FROM P6 J153 TO Z1 J253

MATE UMBILICAL W704-P256 TO P6 J154 TRANSFER CONNECTOR CAP FROM P6 J154 TO Z1 J254

MATE UMBILICAL W120-P255 TO P6 J155 TRANSFER CONNECTOR CAP FROM P6 J155 TO Z1 J255

MATE UMBILICAL W140-P256 TO P6 J156 TRANSFER CONNECTOR CAP FROM P6 J156 TO Z1 J256

MATE UMBILICAL W42-P257 TO P6 J157 TRANSFER CONNECTOR CAP FROM P6 J157 TO Z1 J257

MATE UMBILICAL W46-P258 TO P6 J158 TRANSFER CONNECTOR CAP FROM P6 J158 TO Z1 J258

MATE UMBILICAL W01A-P259 TO P6 J159 TRANSFER CONNECTOR CAP FROM P6 J159 TO Z1 J259

MATE UMBILICAL W08A-P260 TO P6 J160 TRANSFER CONNECTOR CAP FROM P6 J160 TO Z1 J260

MATE UMBILICAL W11A-P261 TO P6 J161 TRANSFER CONNECTOR CAP FROM P6 J161 TO Z1 J261

VIEW AW-AW (ROTATED 90° CW)
ATTACH P6/Z1 FLUID QUICK DISCONNECTS (QD)

- THERMAL BLANKET (RE315)
- ATTACH STRAP FROM THERMAL BLANKET (RE409) TO RINGS ON P6 BLANKET (RE315)
- REPOSITION BLANKET OVER QD'S AND TCS LINES

VIEW BJ-BJ