HE PRESS PNL
RCS YAW ENGINES

RCS ROLL ENGINE

RCS ROLL ENGINE
STEAM DUCT

HE PRESS PNL
RCS YAW ENGINES

RCS ROLL ENGINE

RCS ROLL ENGINE
STEAM DUCT

HE PRESS PNL
RCS YAW ENGINES

RCS ROLL ENGINE

RCS ROLL ENGINE
URINE DUMP

HE PRESS PNL
RCS YAW ENGINES

RCS ROLL ENGINE

RCS ROLL ENGINE
URINE DUMP

FUEL CONTROL PNL

OXIDIZER CONTROL PNL

FUEL CONTROL PNL

OXIDIZER CONTROL PNL

HE PRESS PNL
RCS YAW ENGINES

RCS ROLL ENGINE

RCS ROLL ENGINE
STEAM DUCT

HE PRESS PNL
RCS YAW ENGINES

RCS ROLL ENGINE

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RCS YAW ENGINES

RCS ROLL ENGINE

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URINE DUMP

HE PRESS PNL
RCS YAW ENGINES

RCS ROLL ENGINE

RCS ROLL ENGINE
URINE DUMP

FUEL CONTROL PNL

OXIDIZER CONTROL PNL

FUEL CONTROL PNL

OXIDIZER CONTROL PNL

PURGE
PORT

BOOST
COVER
RELEASE

STEP 1
UNLOCK
STEP
2
UNLATCH
TOOL
B

PRESSURE
EQUALIZATION
VALVE
TOOL
B
OPEN

CAUTION
PRIOR TO OPENING
ACCESS DOOR REDUCE
PURGE GAS FLOW TO
30 LB TO MIN

-- GSE --
FLY-AWAY UMBILICAL
-- ECS --
CONTROLLER & VALVES
WATER GLYCOL HEATER

S/M JETTISON CONTROLLER

RCS
PRIMARY FUEL FILL

RCS
PRIMARY FUEL FILL

RCS
PRIMARY FUEL FILL

RCS
PRIMARY FUEL FILL

RCS
AUX FUEL FILL

RCS
AUX FUEL FILL

RCS
AUX FUEL FILL

RCS
AUX FUEL FILL

RCS
PRIMARY OXIDIZER FILL
HELIUM FILL

RCS
PRIMARY OXIDIZER FILL
HELIUM FILL

RCS
PRIMARY OXIDIZER FILL
HELIUM FILL

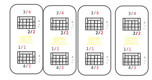
RCS
PRIMARY OXIDIZER FILL
HELIUM FILL

RCS
AUX OXIDIZER FILL

RCS
AUX OXIDIZER FILL

RCS
AUX OXIDIZER FILL

RCS
AUX OXIDIZER FILL



CAUTION
RESTRICT QUAD
OPENING TO 90
CHECK HOSES
DURING CLOSING

CAUTION
RESTRICT QUAD
OPENING TO 90
CHECK HOSES
DURING CLOSING

CAUTION
RESTRICT QUAD
OPENING TO 90
CHECK HOSES
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CAUTION
RESTRICT QUAD
OPENING TO 90
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PRIOR TO OPENING
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CAUTION
PRIOR TO OPENING
ACCESS DOOR REDUCE
PURGE GAS FLOW TO
30 LB TO MIN

RCS
COMPUTER

SPS
QUANT GASING
SYS CONTROL

EPS RADIATOR
S/W ELECTRONIC PANEL
PROCESSING VALVES OVERRIDE

VALVE A INTERFACE
TANK-A DISTRIBUTION PANEL
CONTROLLER

POWER DISTRIBUTION BOX

CAUTION
PRIOR TO OPENING
ACCESS DOOR REDUCE
PURGE GAS FLOW TO
30 LB TO MIN

EPS
RADIATOR
VALVES

CAUTION
PRIOR TO OPENING
ACCESS DOOR REDUCE
PURGE GAS FLOW TO
30 LB TO MIN