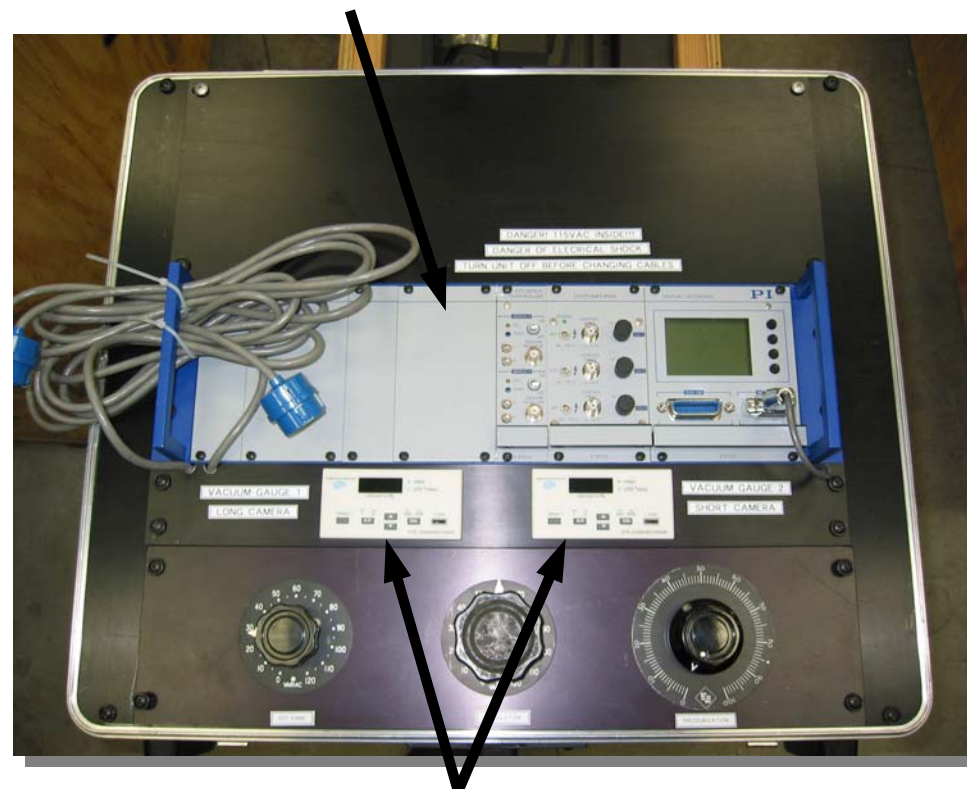
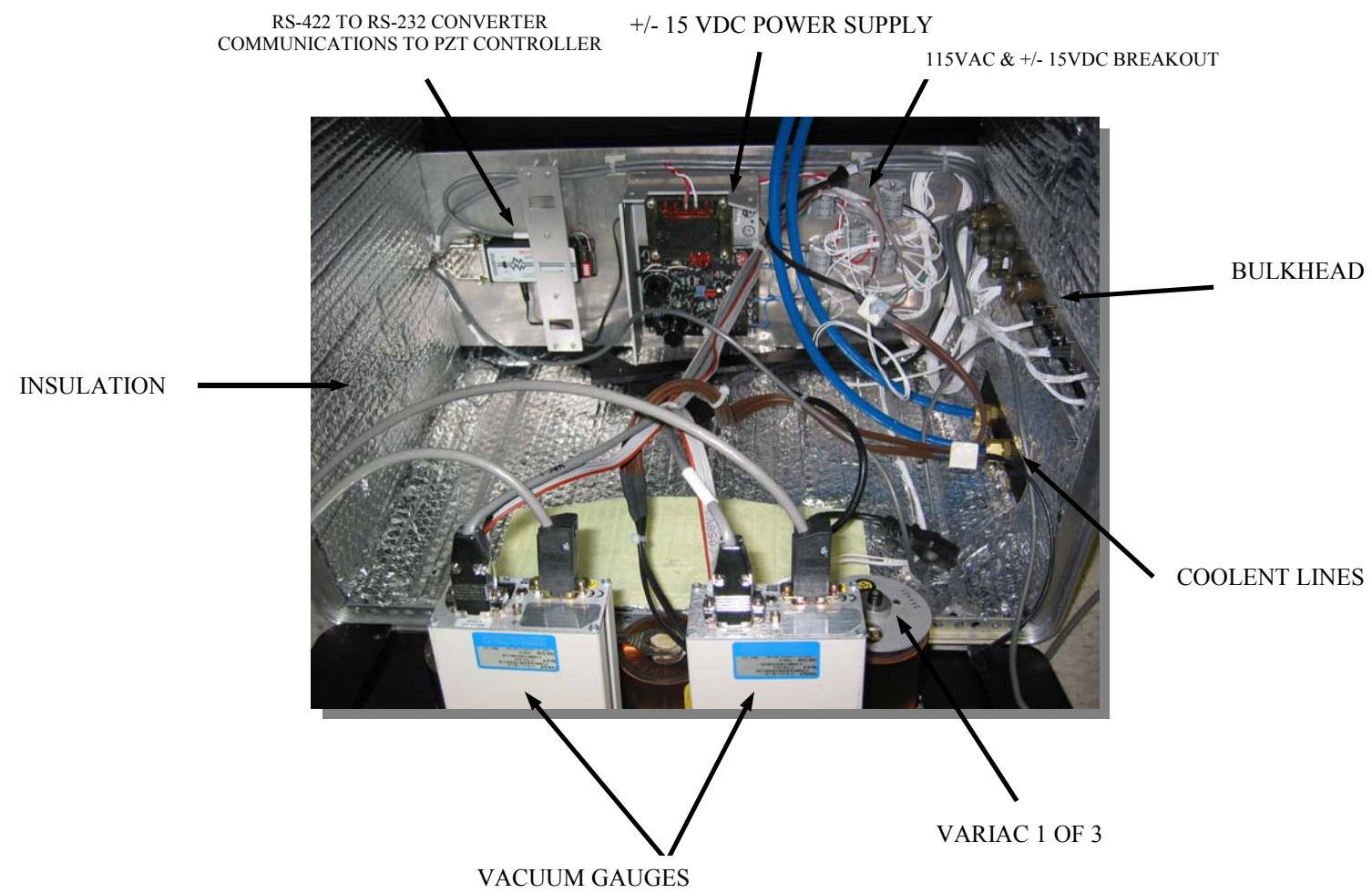


PZT Controller



Vacuum Gauges

Located in black ABS box inside instrument



BLACK ABS BOX INSIDE INSTRUMENT

IMACS MCS CABLE WRAP



COOLENT LINES

CRYOTIGER COOLENT LINES

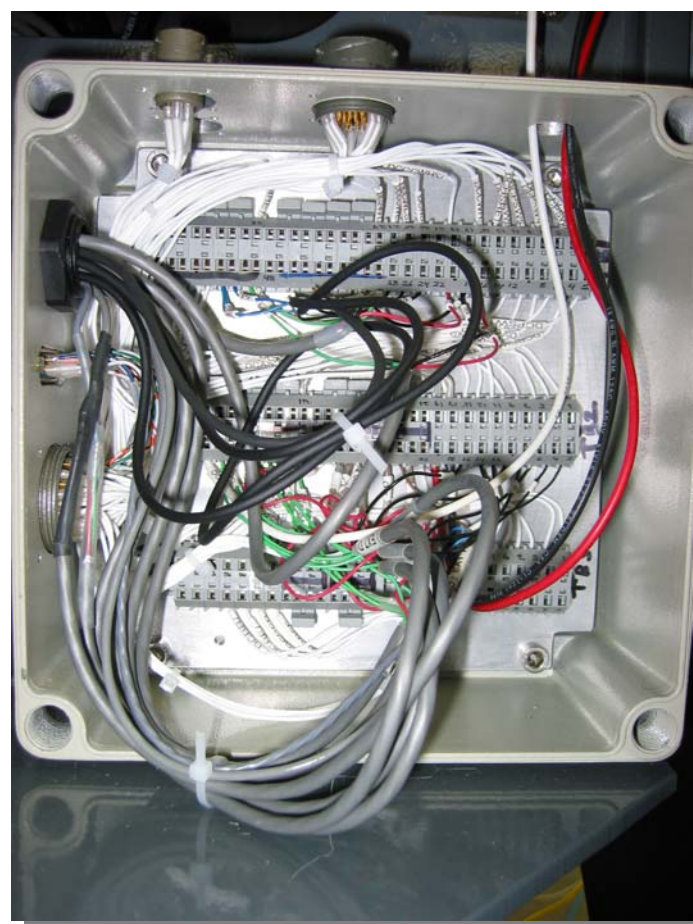
ELECTRICAL CABLES



DISPERSER CAROUSEL BRAKE

DISPERSER CAROUSEL MICROSWITCHES

MAIN DISPERSER
CONNECTOR FROM
INSTRUMENT BULK-
HEAD

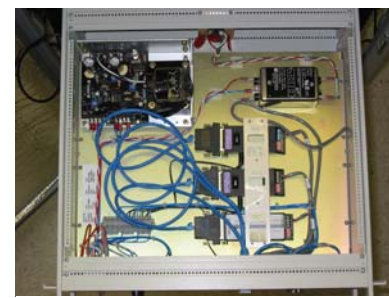


DISPERSER
BREAKOUT BOX





RACK 2 FRONT PANELS



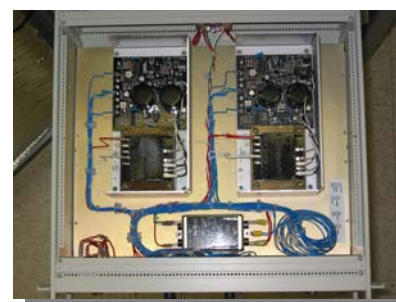
RS-422 & PRESSURE
TRANSDUCER EXCITATION



L05 LONG CAMERA
FOCUS CONTROLLER



LONG CAMERA POWER
SUPPLY



SHORT CAMERA POWER
SUPPLY



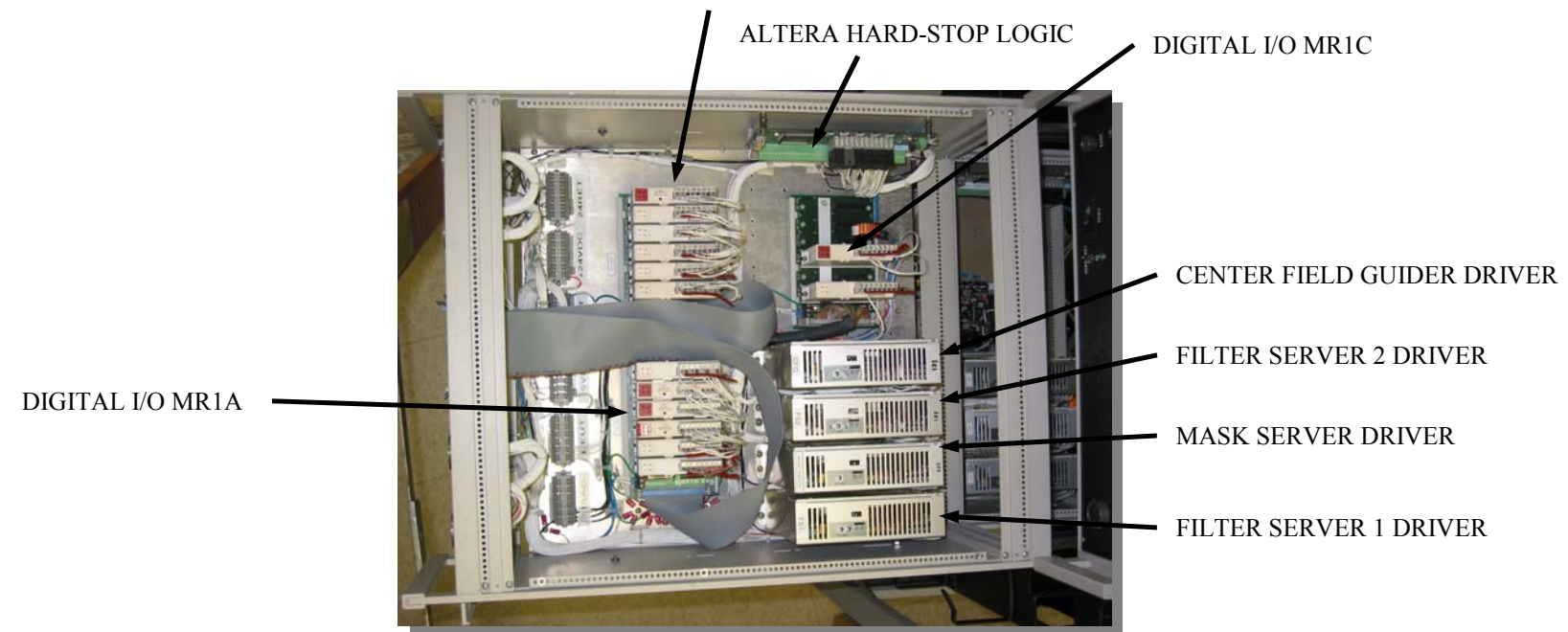
GUIDER CAMERA POWER
SUPPLY







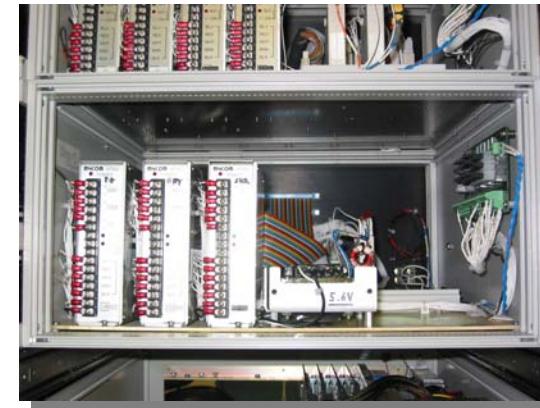
DIGITAL I/O MR1B



MCS CHASSIS 1

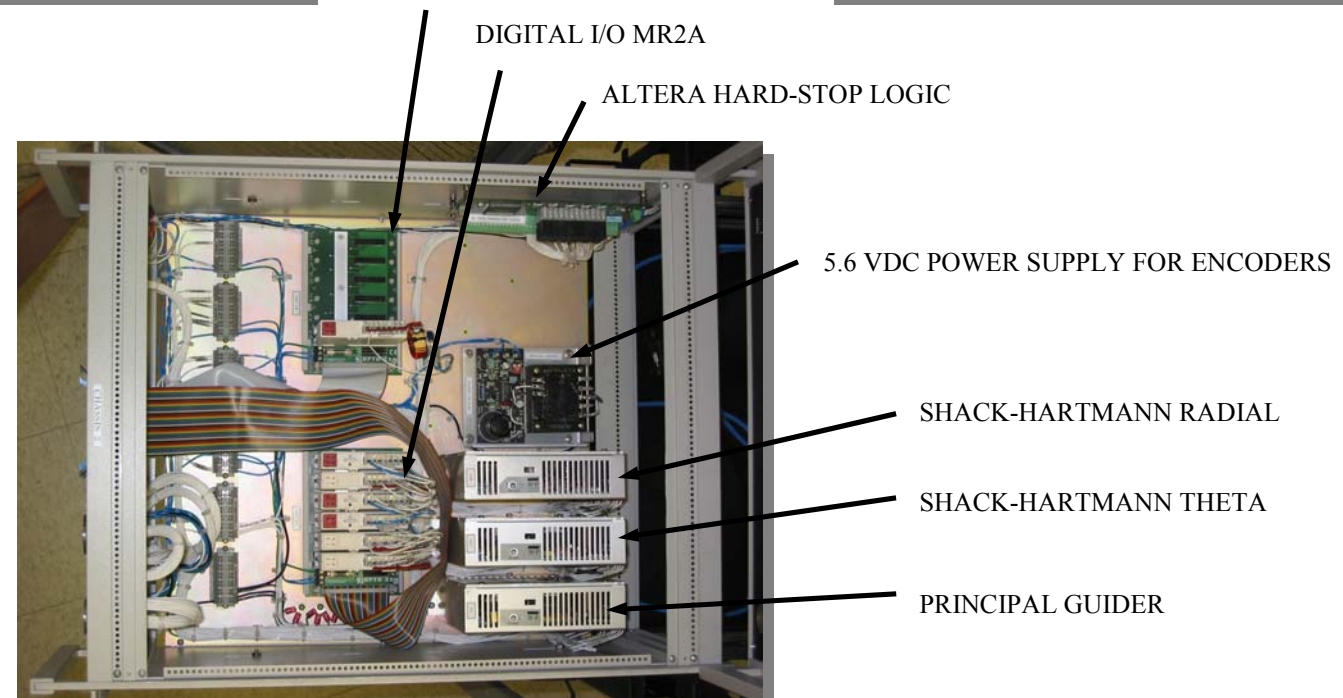


FRONT VIEW



REAR VIEW

DIGITAL I/O MR2B



MCS CHASSIS 2

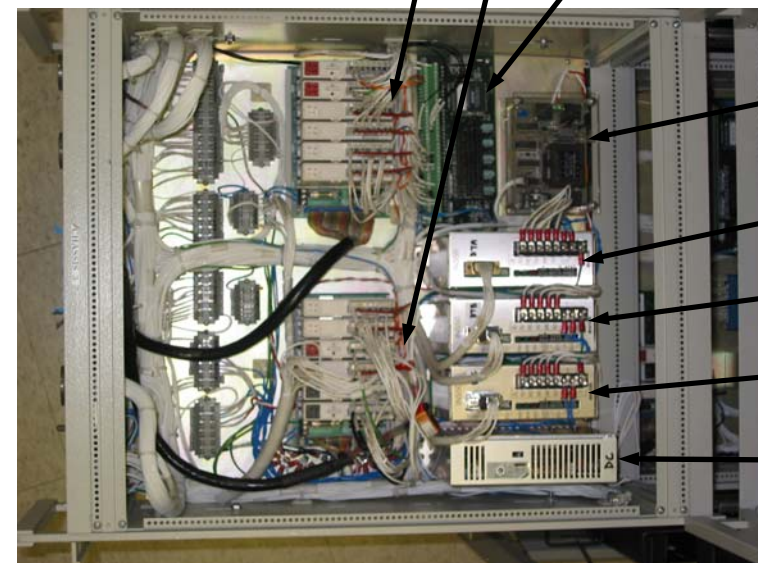


FRONT VIEW



REAR VIEW

DIGITAL I/O MR3B



DIGITAL I/O MR3A

ALTERA HARD-STOP LOGIC

LAMP 6 HALOGEN DIGITAL PHASE CONTROL

GRATING TILT A DRIVER

GRATING TILT B DRIVER

GRATING TILT C DRIVER

DISPENSER CAROUSEL DRIVER

MCS CHASSIS 3

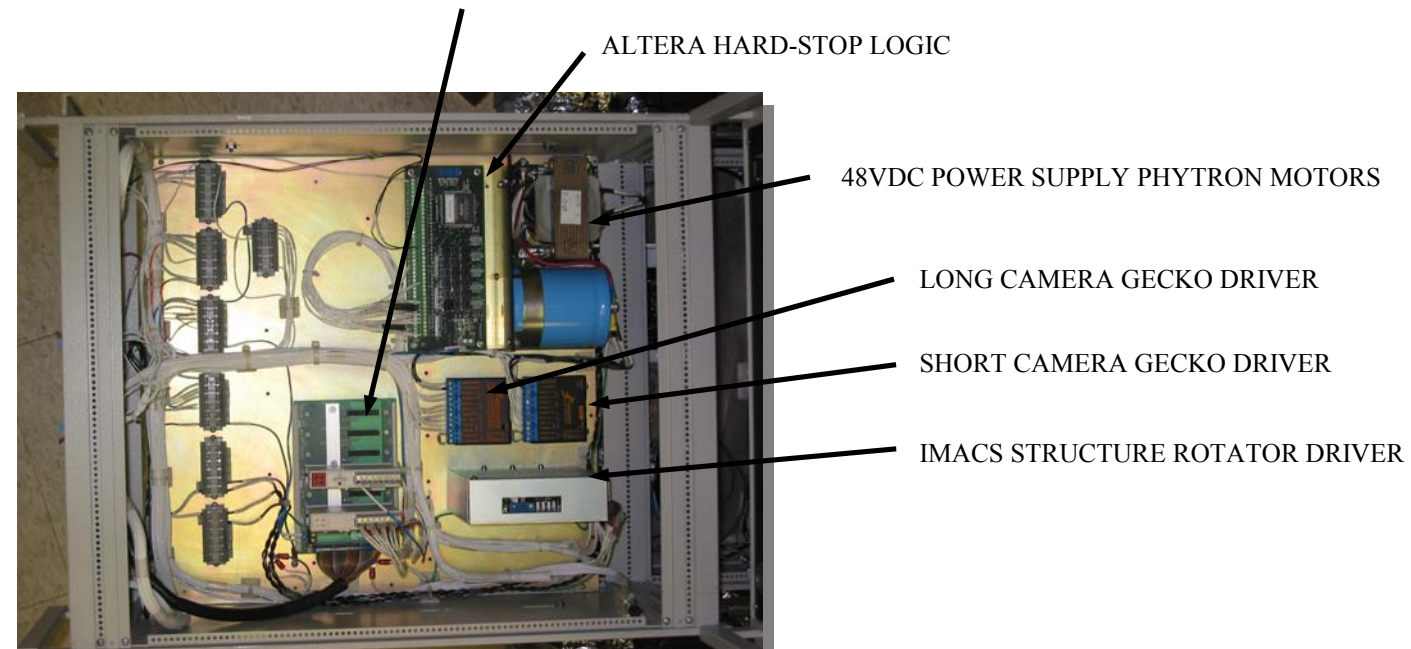


FRONT VIEW



REAR VIEW

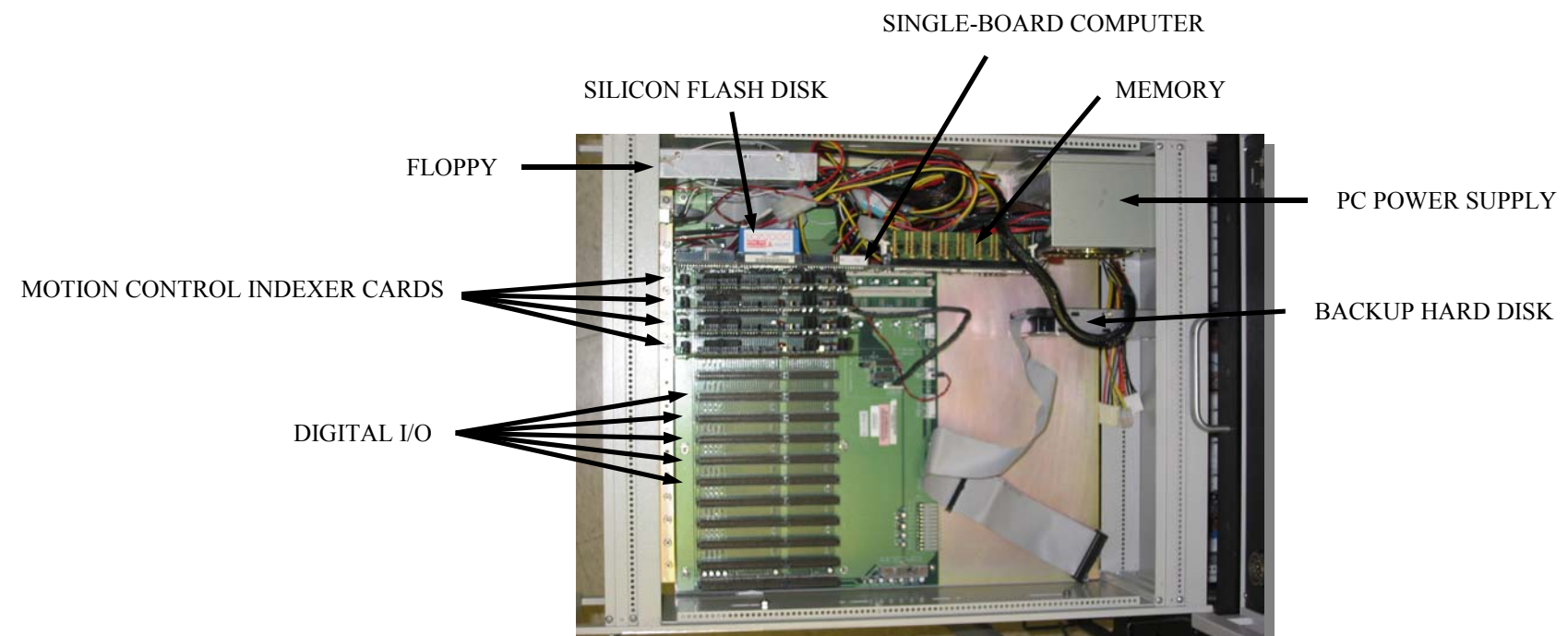
DIGITAL I/O MR4A



MCS CHASSIS 4



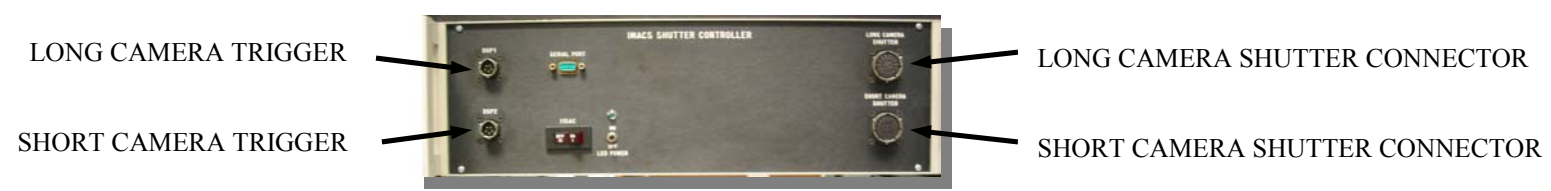
FRONT VIEW



MCS DOS COMPUTER



FRONT VIEW



24VDC POWER SUPPLY, CONVERTED TO 5VDC BY JACKRABBIT

LINMOT POWER SUPPLY



JACKRABBIT SINGLE BOARD COMPUTER AND I/O CARD

LINMOT 4-CHANNEL DRIVER

MCS SHUTTER CONTROLLER

