

**US
ARMY**



SIGNAL CENTER and SCHOOL

Fort Monmouth, New Jersey 07703

AUTODIN MAINTENANCE TRAINING

Manual

ASC EQUIPMENT

**Prepared by Datacom Division
Department of Specialist Training**

AUTO-ATM-107

063-BA
12 WORD TRANSISTOR MEMORY
398-6684-1

+16 V
POWER
SUPPLY
PP-4737/FYA-10(V)
OFE

-10V
POWER
SUPPLY
PP-4736/FYA-10(V)
OFD

CONTROL
POWER
SUPPLY
C-7210/FYA-10(V)
OFH

063-CA
PROCESSING
ASSEMBLY
398-6675-1

BAY A

RECEPTACLE
063-ABJ-00

INTERFACE
ASSEMBLY
063-AB

ODN/A

CHASSIS
GROUND
G003

BAY B

BAY C

MEMORY
CONTROL
RELAY
ASSEMBLY

ODN/C
BLOWER ASSEMBLY
398-5176-1

ODN/B

TERMINAL
BOARD
063-ABJ-004

SIGNAL
GROUND
G002

AC JUNCTION
BOX
063-001-001

AC
POWER
CABLE

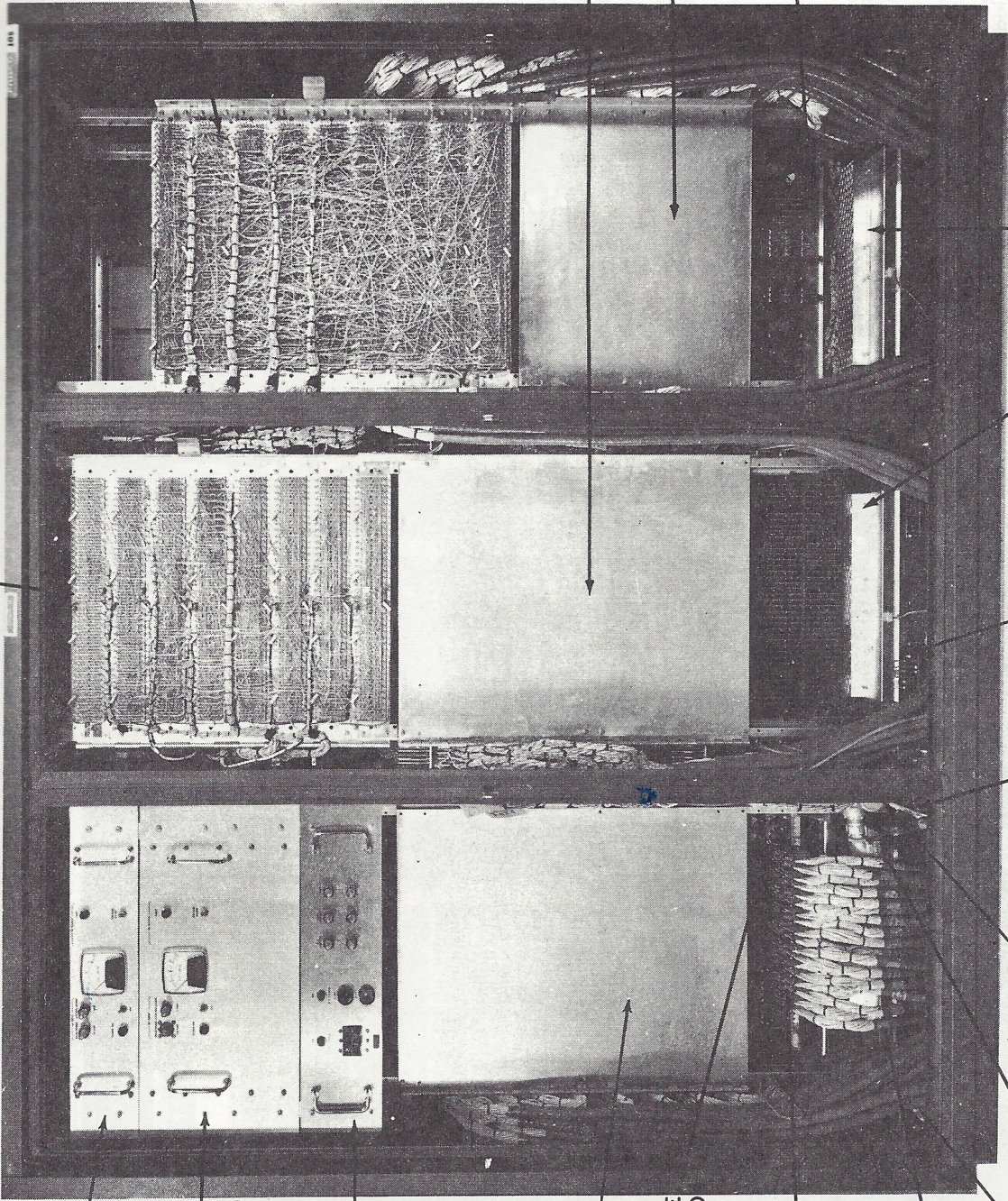


Figure 1-2. Processor unit, front view

POWER SUPPLY
PP-4732/FYA-10(V)

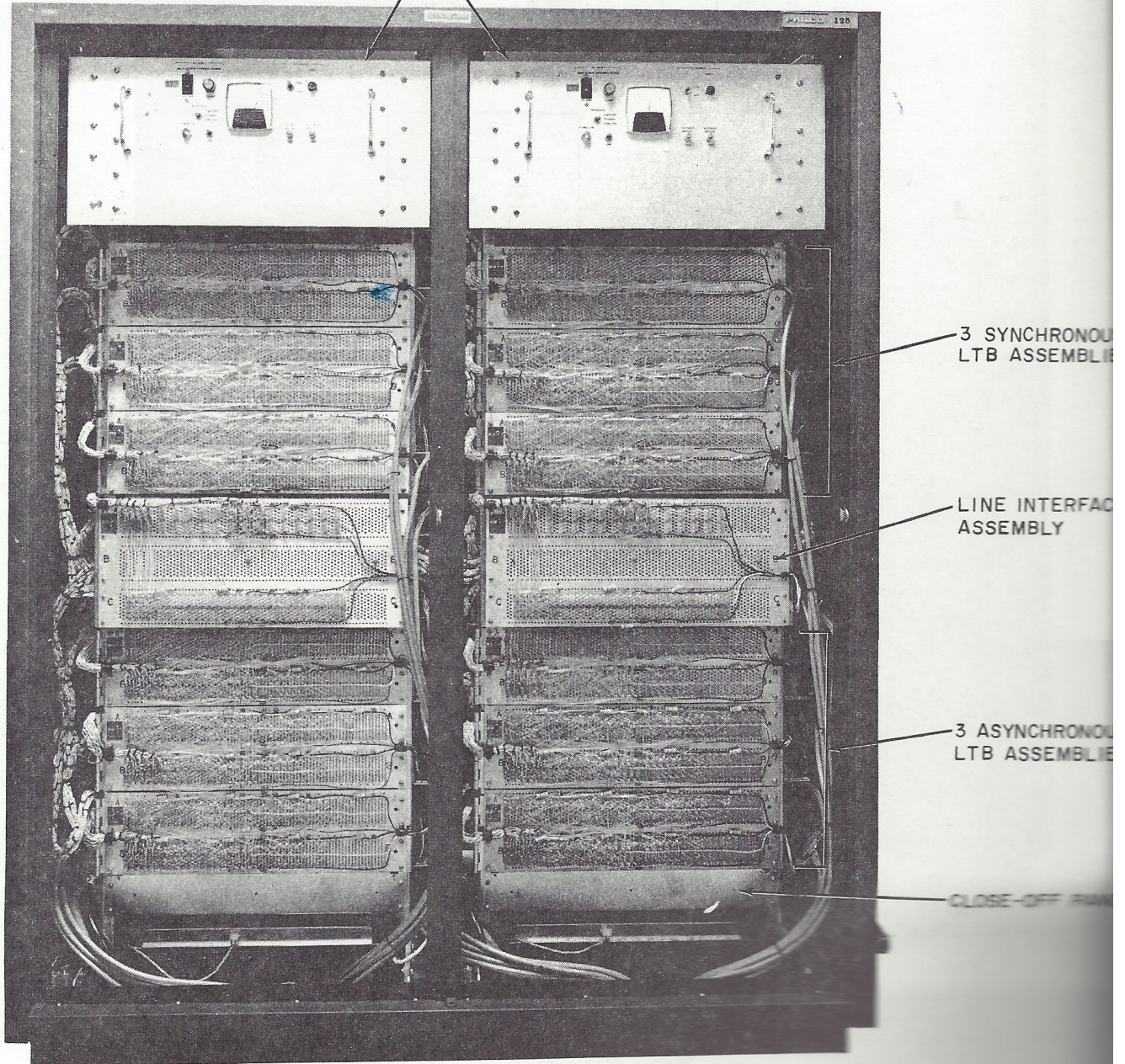


Figure 1-7 Line Termination Buffer Unit OA-8299(p)/FTA-21(V)

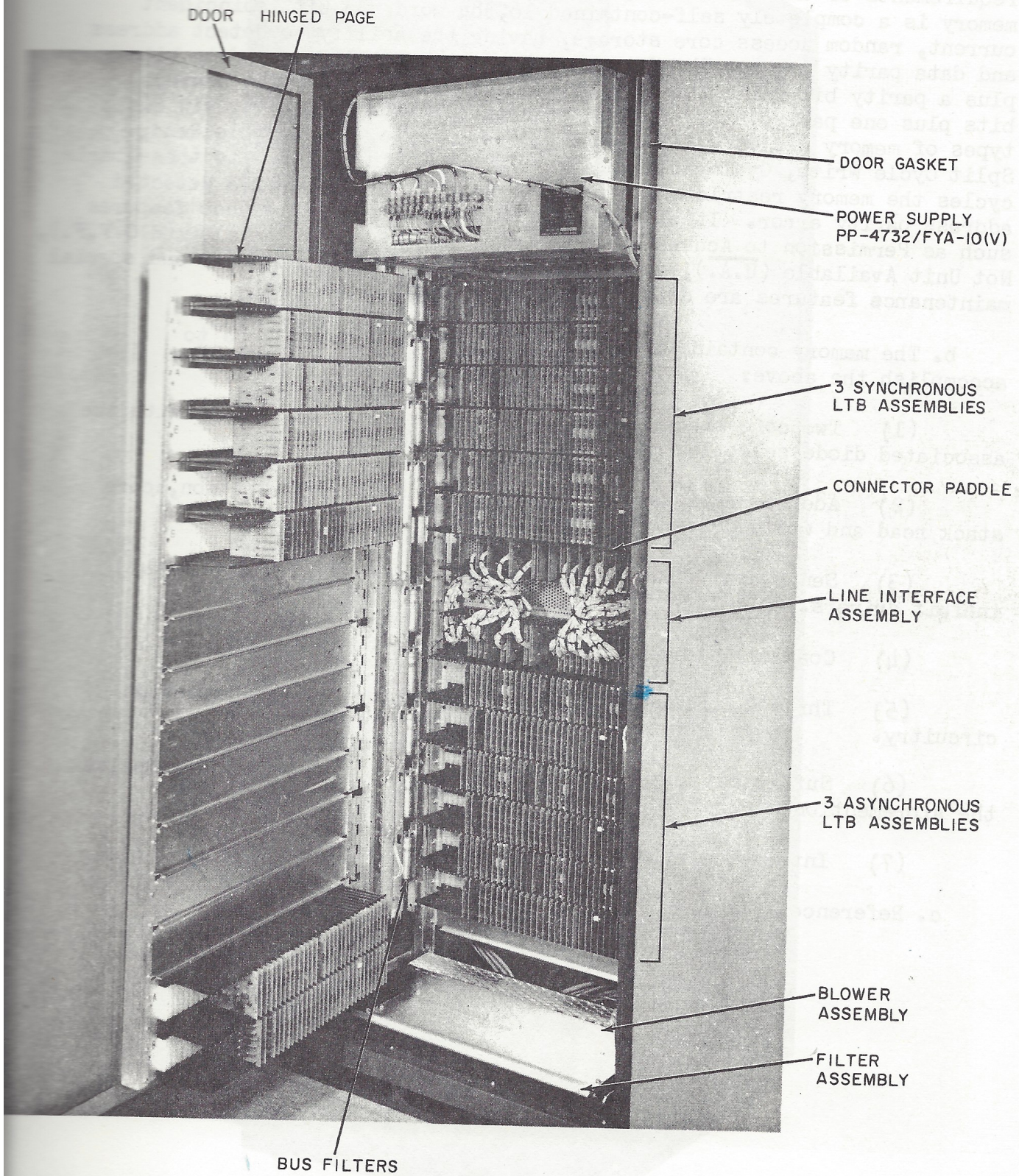


Figure 1-8 Line Termination Buffer Unit OA-8299(p)/FYA-10(V)
Rear view.

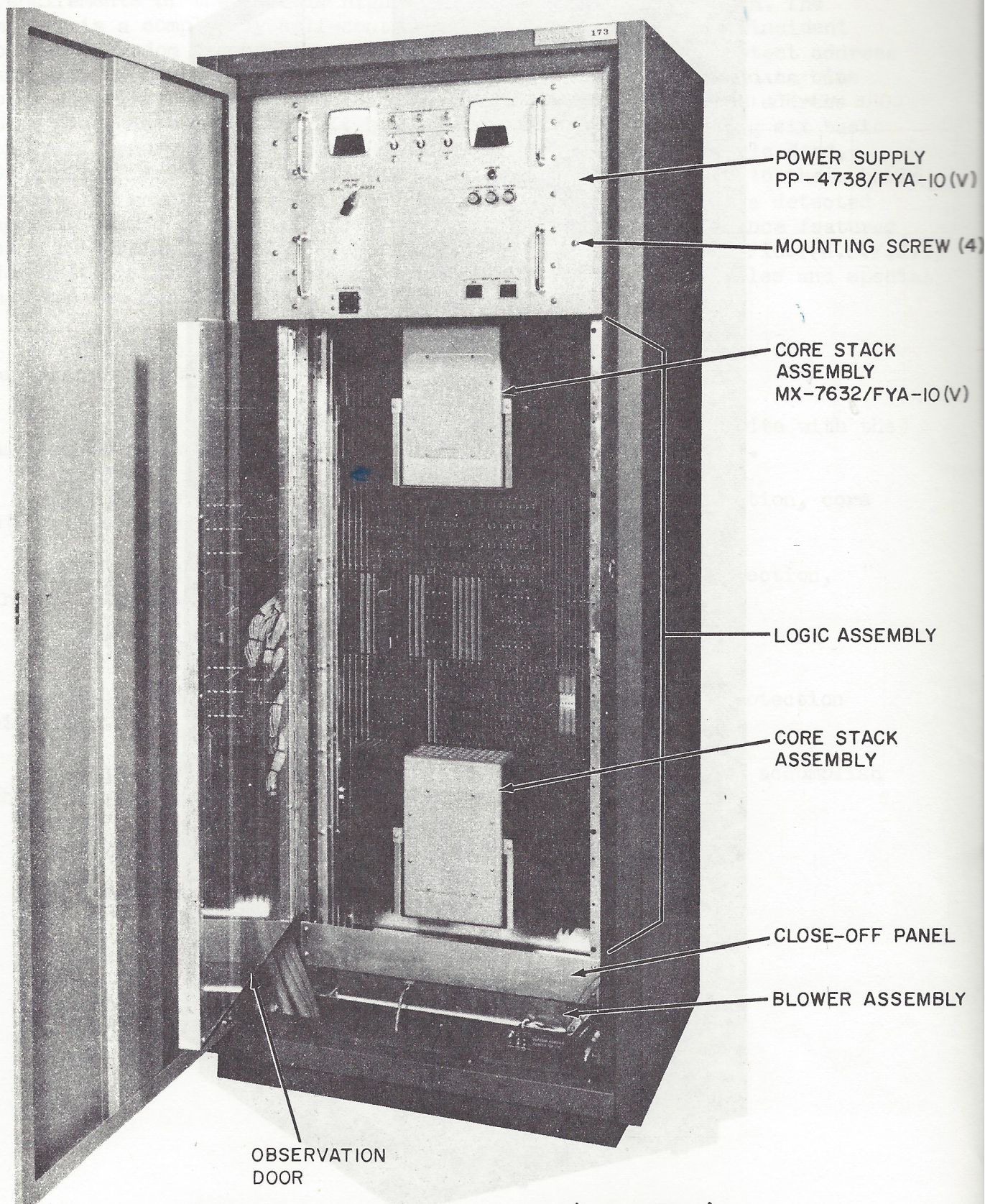
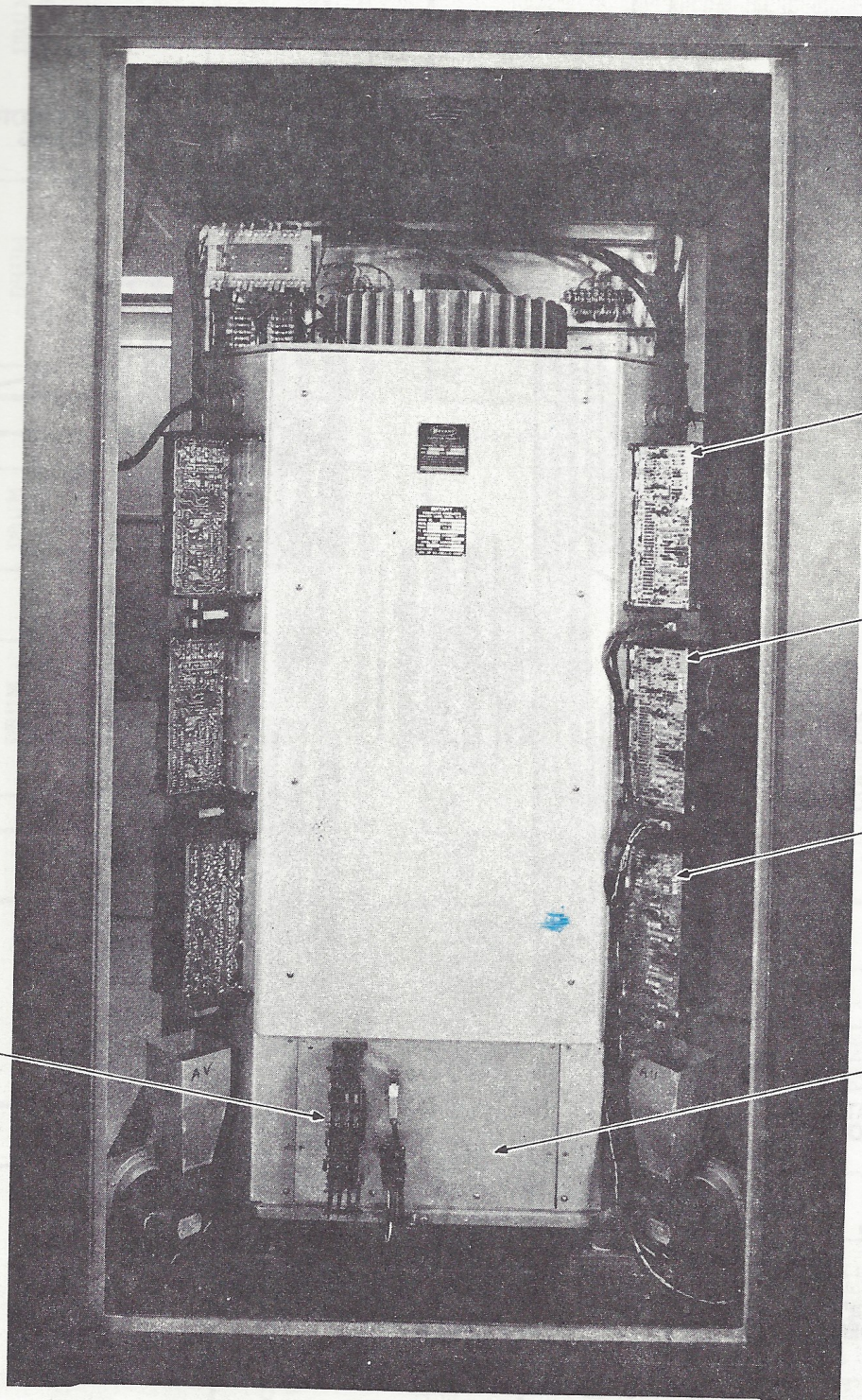


Figure 1-10 Core Memory Unit (Front View)

CLOCK READ
AMPLIFIERS



READ/WRITE
AMPLIFIERS

CLOCK
PANEL

Figure 1-15 Drum unit, rear view

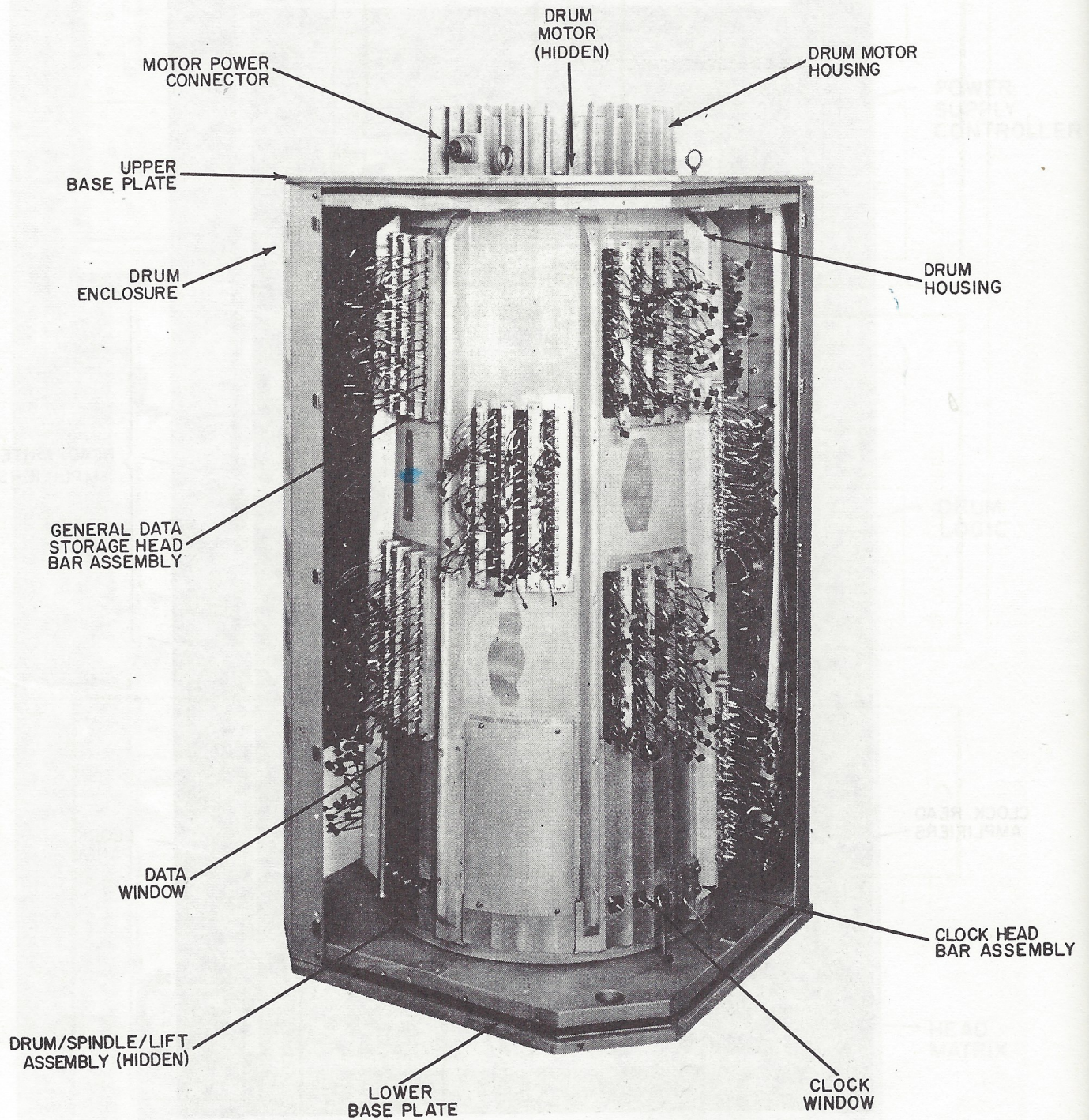


Figure 1-16 Drum Assembly, Internal View
 1-22

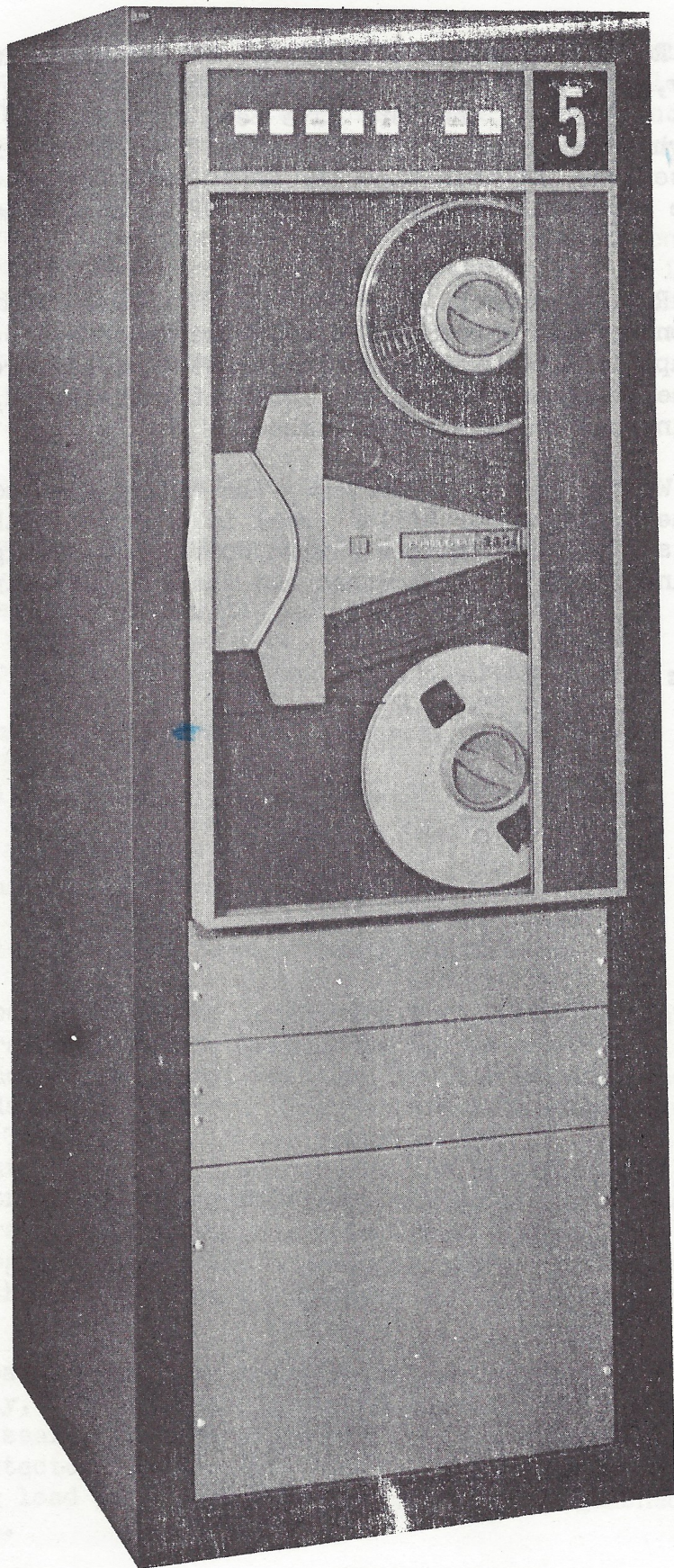


Figure 1-18 Recorder-Reproducer, Signal Data RD-304/FYA-10(V) (tape transport)



Figure 1-22 Printer Unit Sp-164/FYA-10(V)

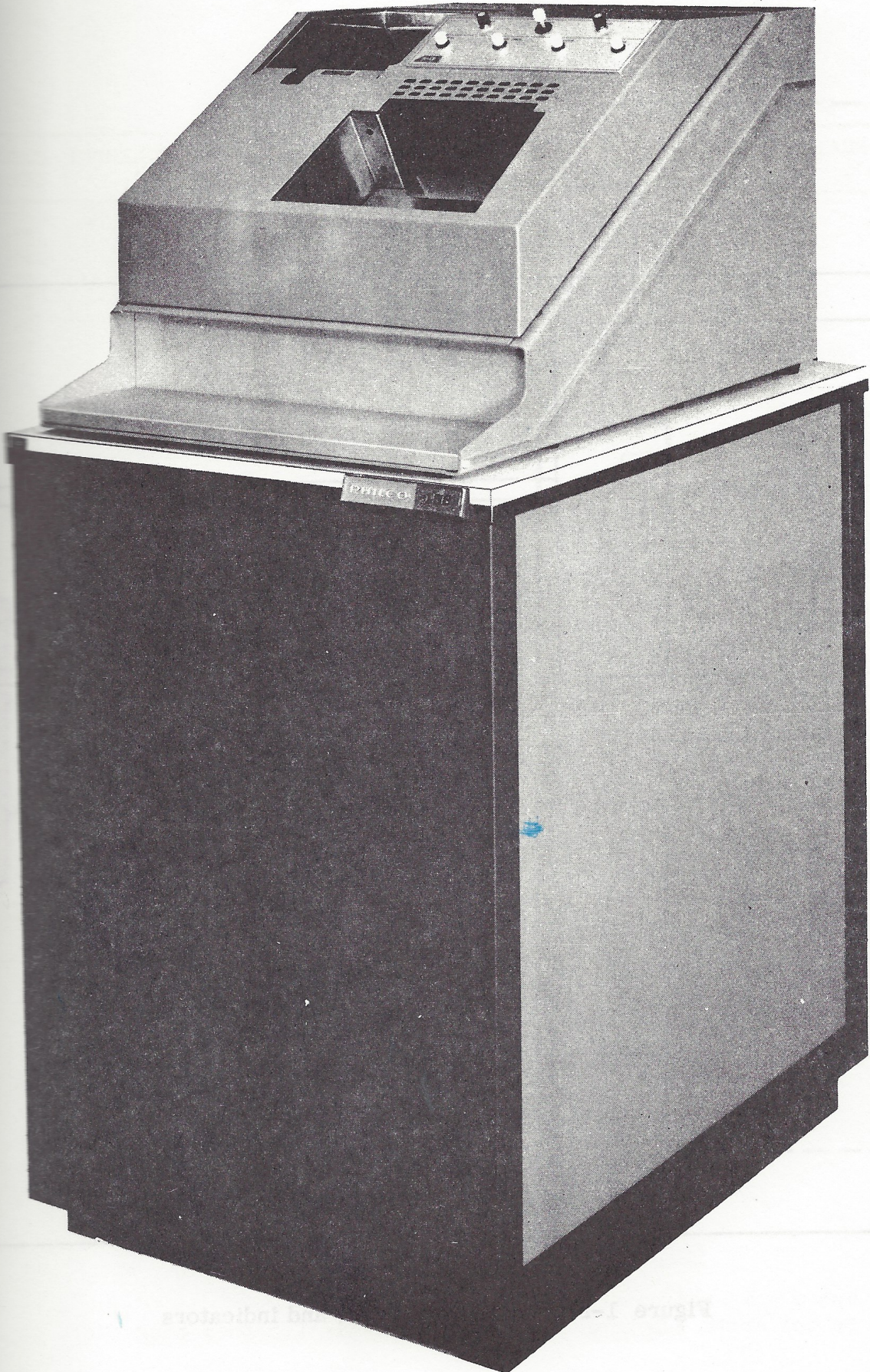


Figure 1-25 Card Reader

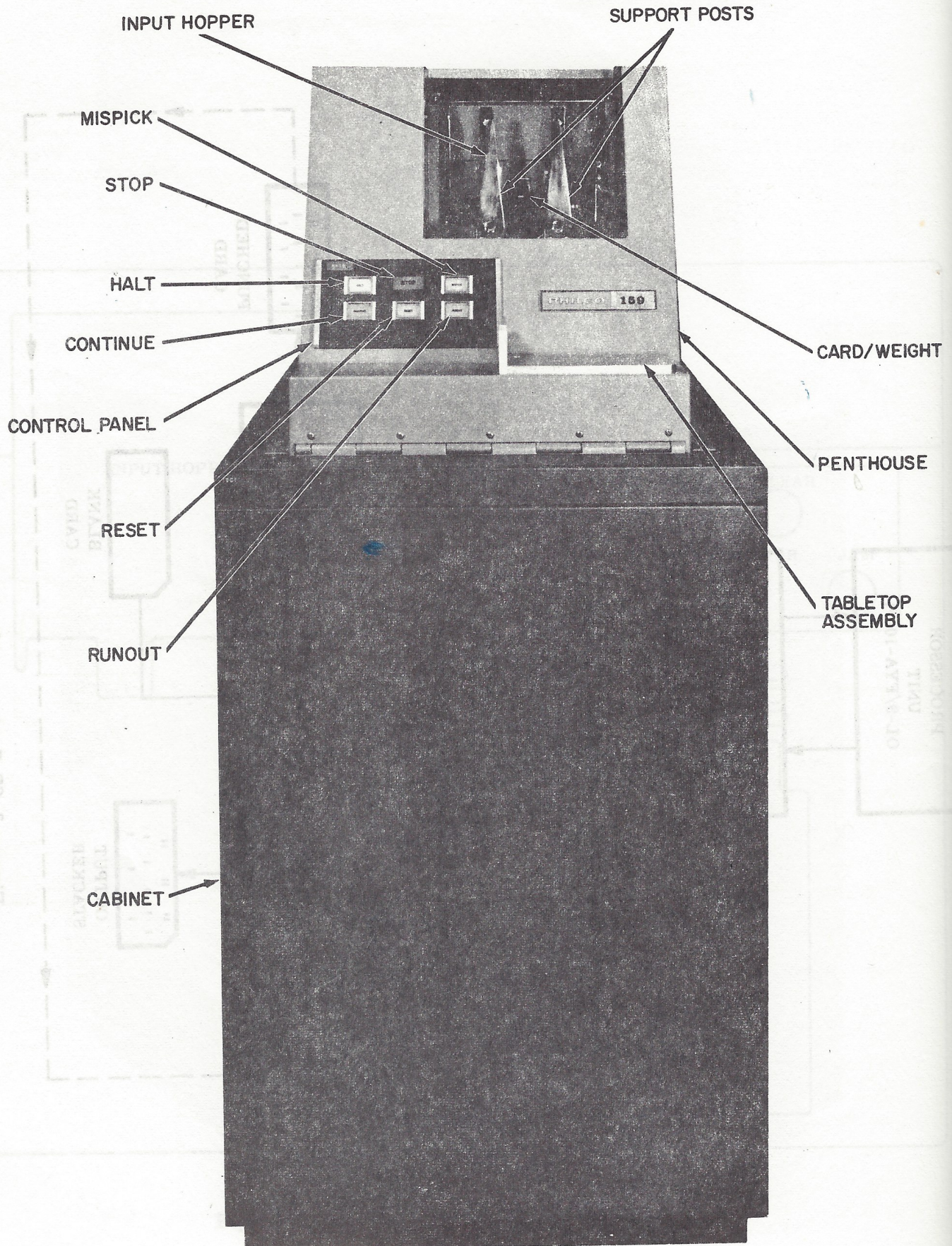


Figure 1-28 Card punch unit RO-328/FYA-10(V) (Front view)

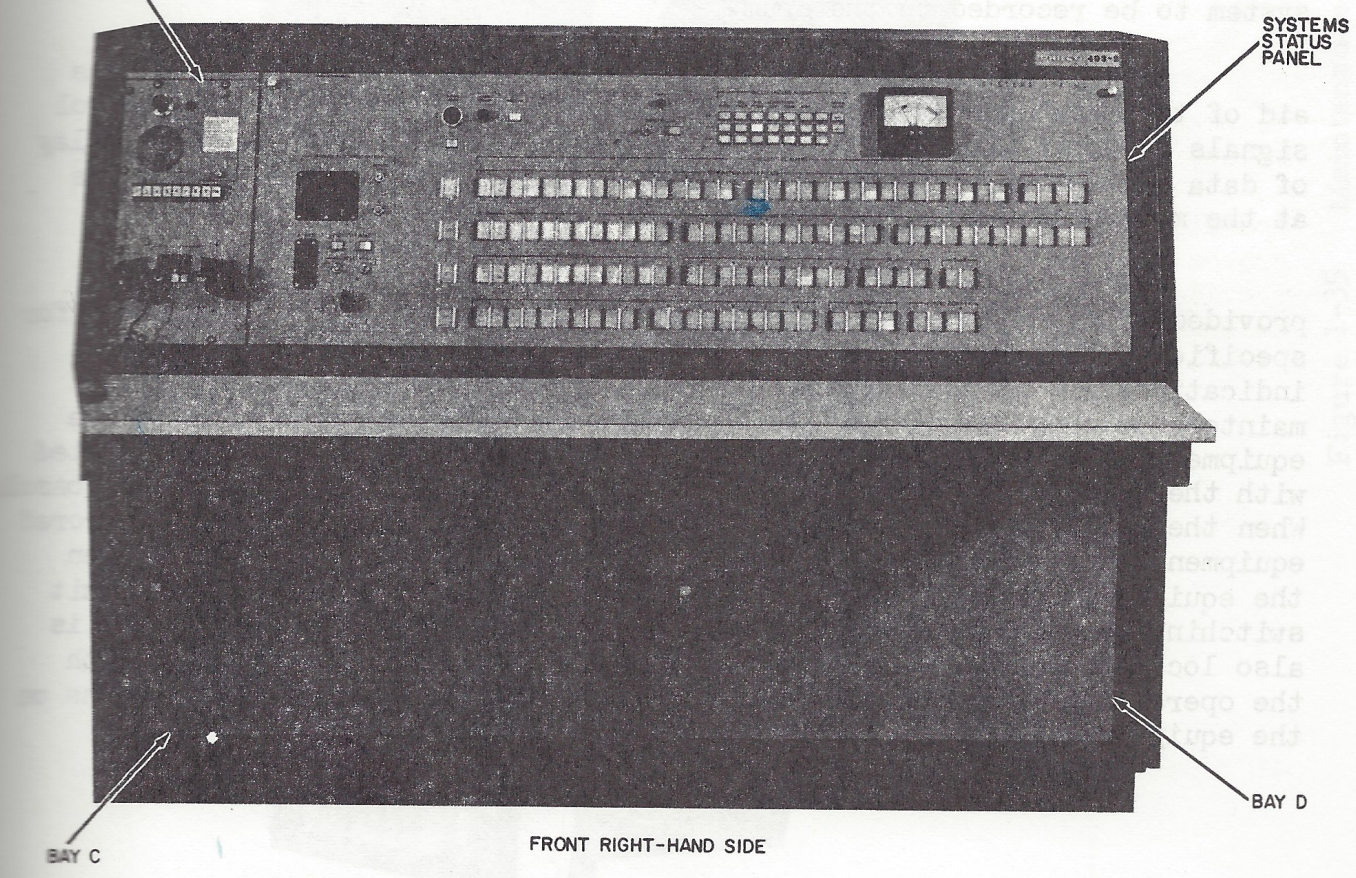
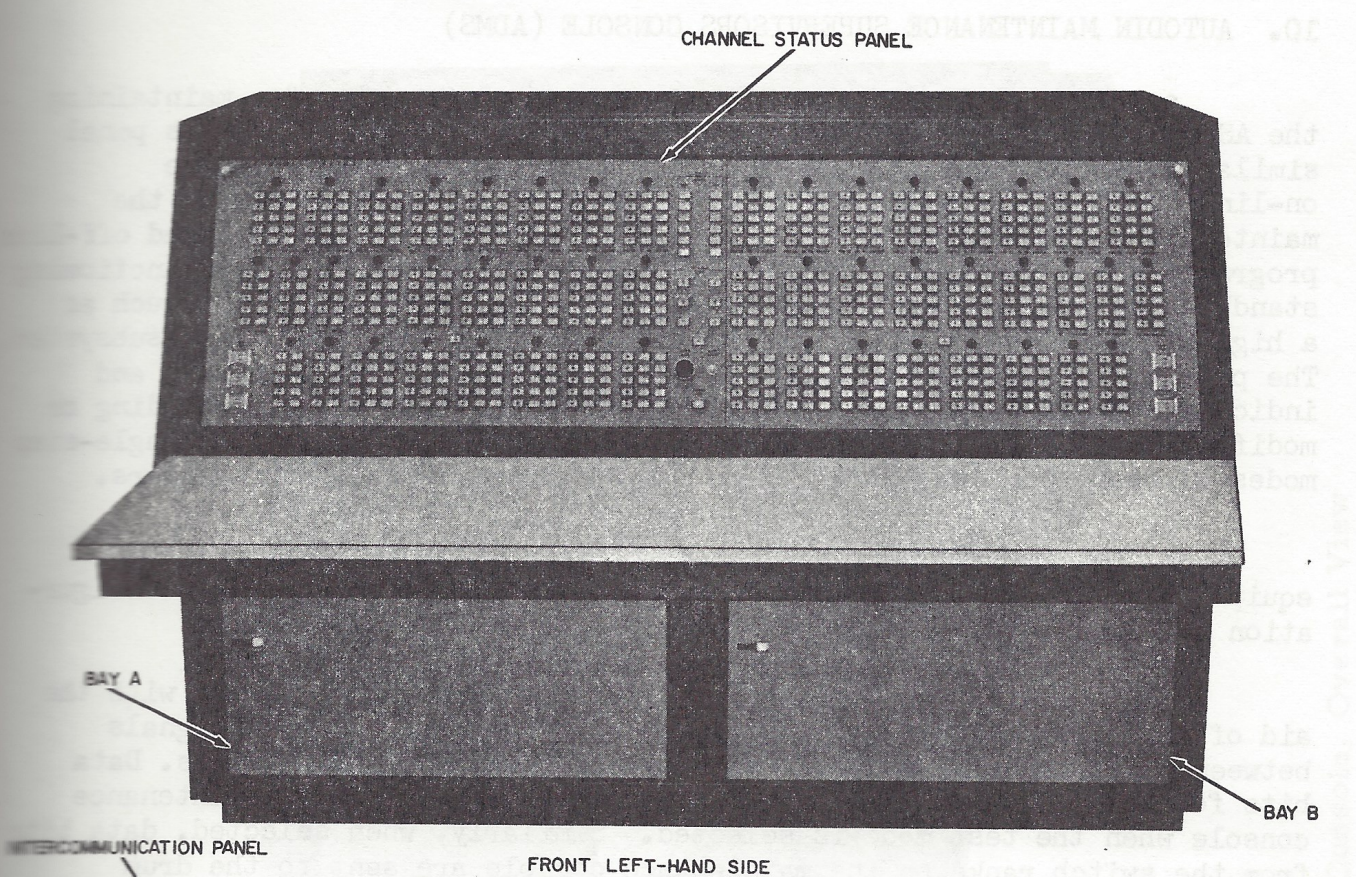


Figure 1-34 Console, Station Supervisory OJ-51/FYA-10(V)

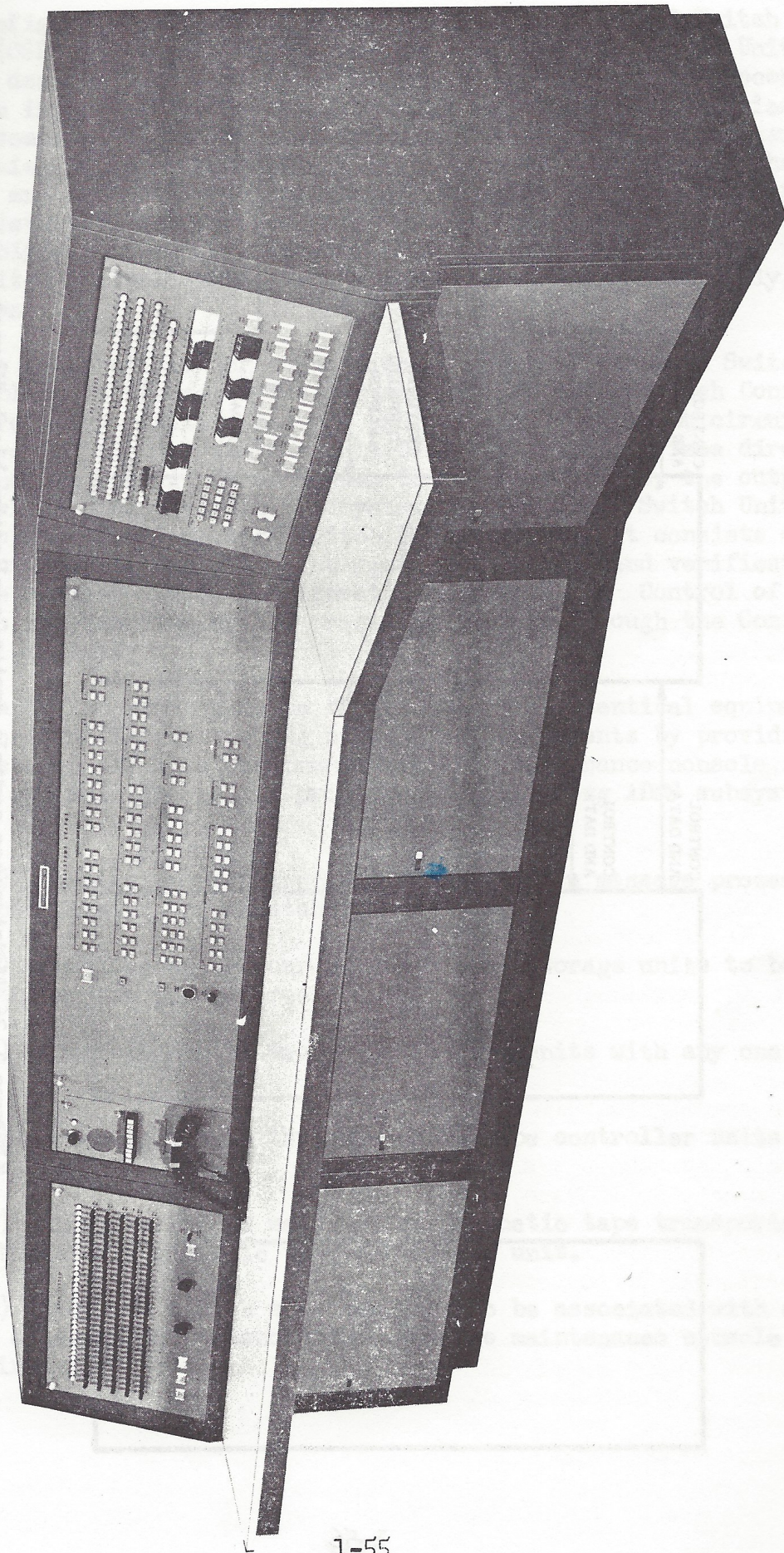


Figure 1-35 Maintenance Console, Overall View

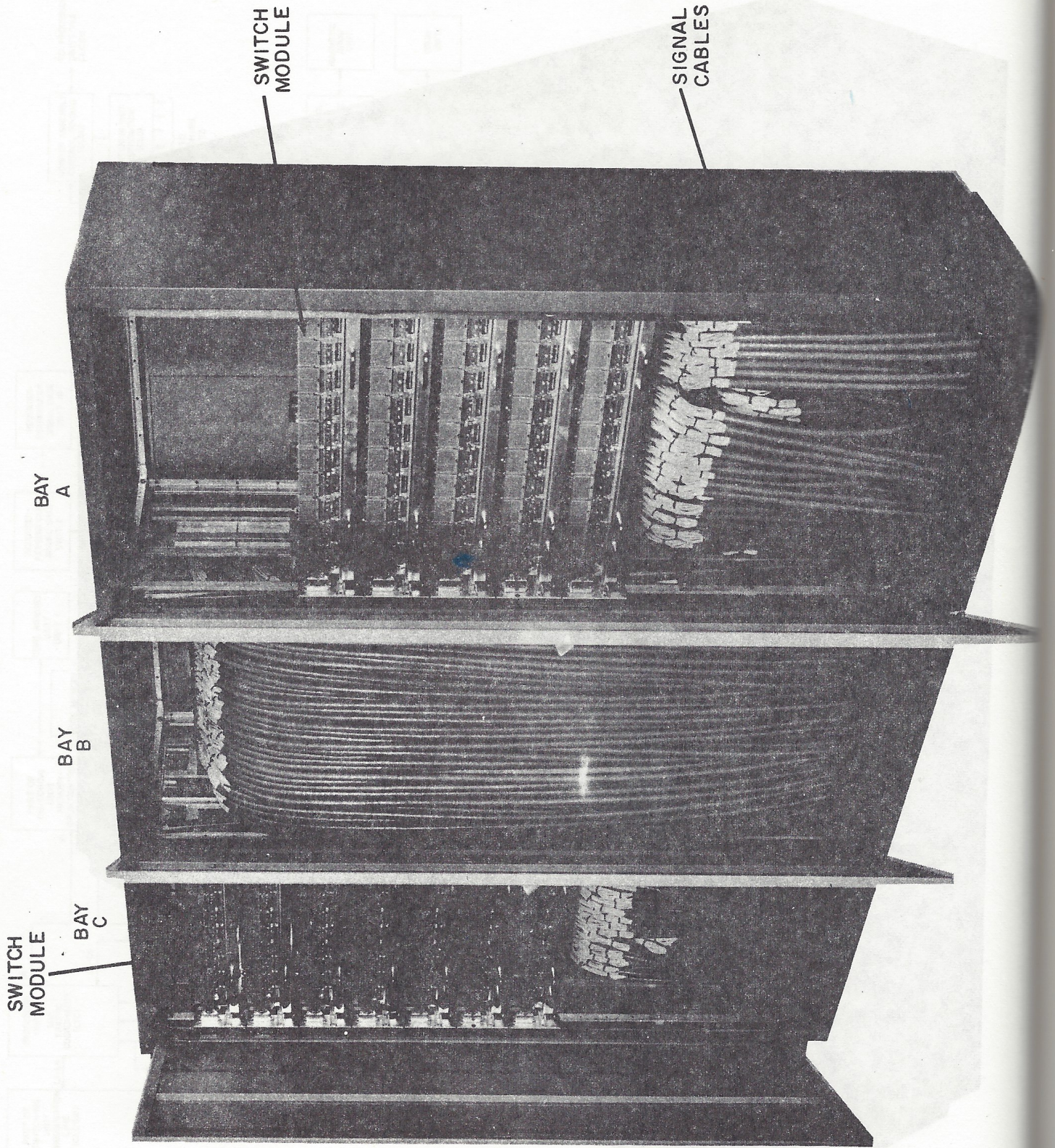


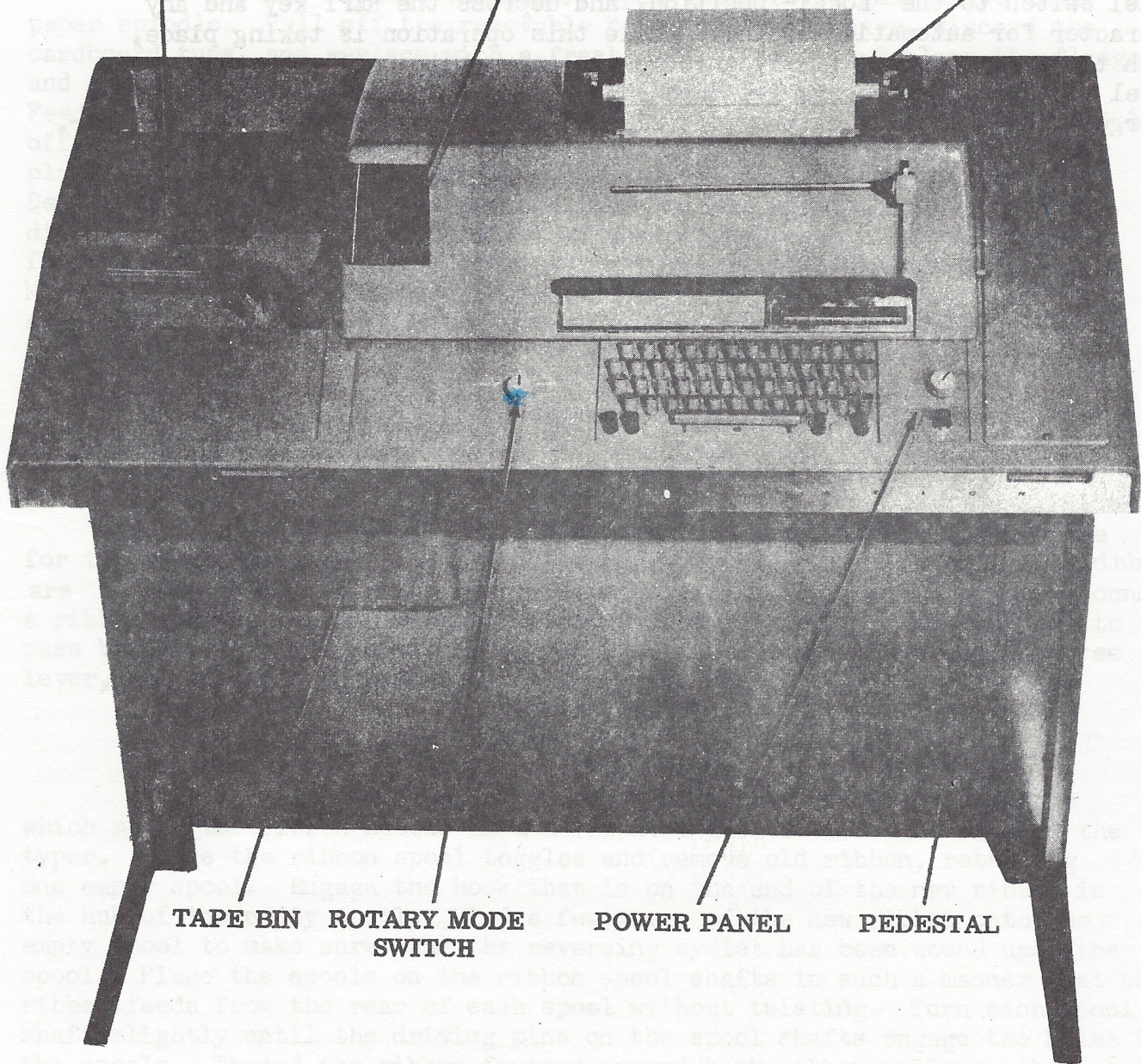
Figure 1-41 Typical equipment cabinet, rear view with doors open, showing parts location

Figure 1-40 Typical configuration switching unit cabinet, front view

TRANSMITTER
DISTRIBUTOR

REPERFORATOR

TYPING
UNIT



TAPE BIN

ROTARY MODE
SWITCH

POWER PANEL

PEDESTAL

Figure 1-44 35 Automatic Send-Receive Set

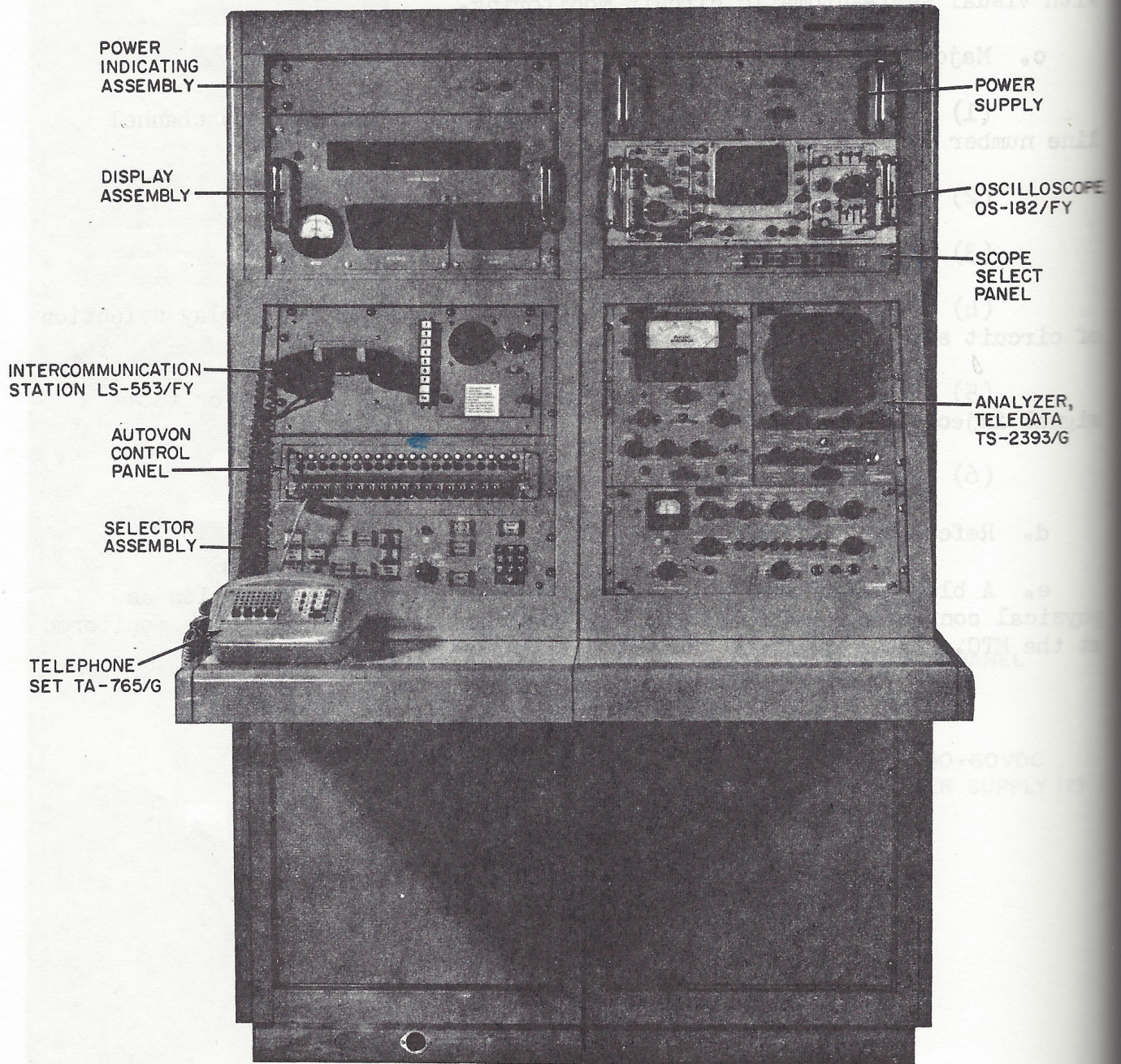


Figure 2-23 Monitor Test Console

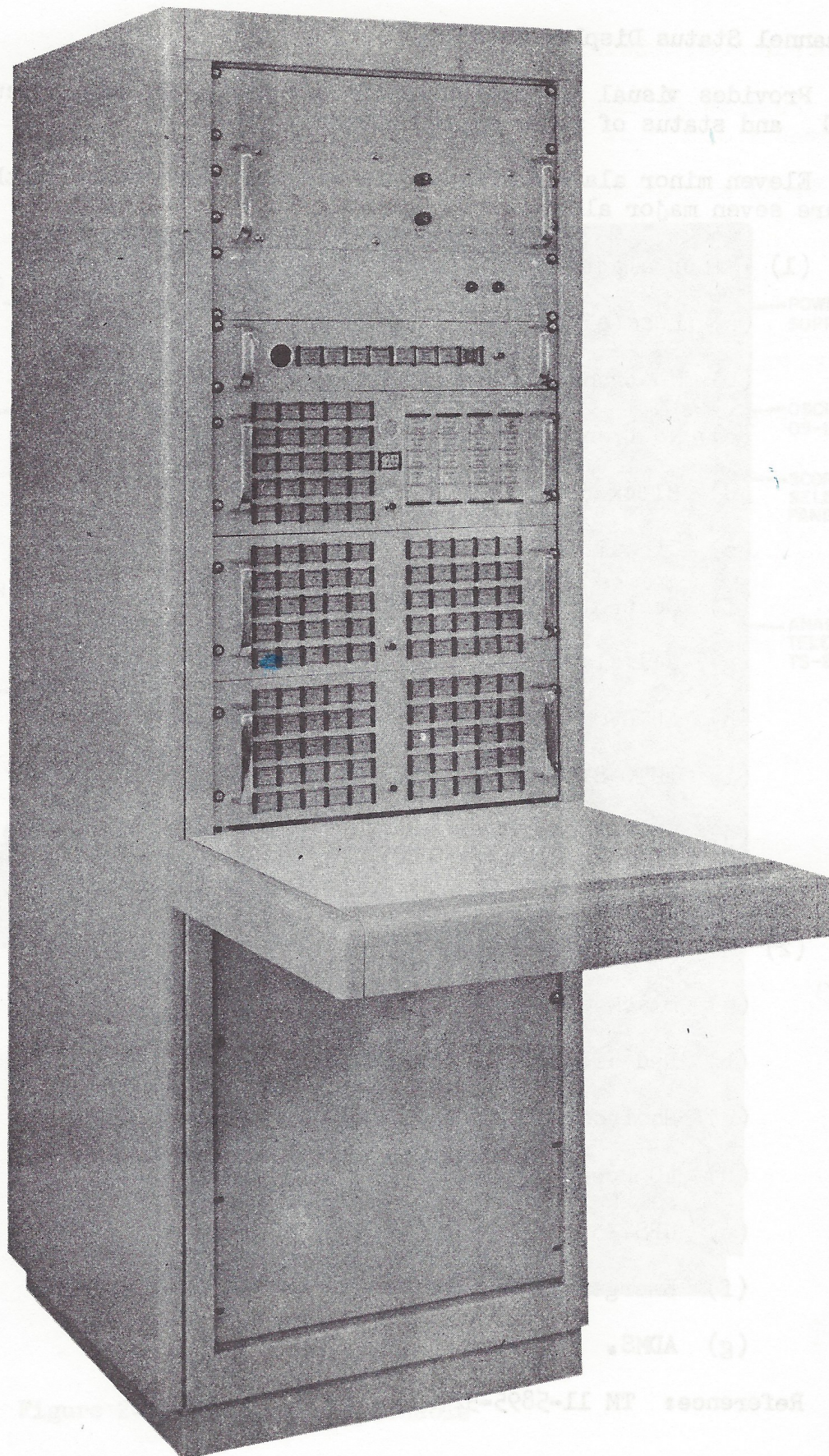


Figure 2-24 Channel Status Display Console