

NAVIGATION EQUIPMENT SHOP  
PWR PNL GROUP

120V 3Ø 60 CPS  
(FROM FIRE CONTROL SHOP  
PWR PANEL GROUP-SEE SHT. 3)

120V 3Ø 60 CPS	R/M SEXTANT RECEIVERS & CONSOLE TEST SET	(0.5 KW 1Ø)
	TIME & FREQUENCY STANDARD (10 KC AMPLIFIER)	(1.04 KW 1Ø)
	STABILIZATION DATA COMPUTER TEST SET MK 2	(2 KW 1Ø)
	STABILIZATION DATA COMPUTER TEST SET MK 3	(1 KW 1Ø)
	LORAN C TEST SET	(1.3 KW 1Ø)
	SONAR TEST SET	(2.5 KW 3Ø)
	SINS DATA SWITCHBOARD	(1 KW 1Ø)
	NAVDAC TEST CONTROL RACK	(1.6 KW 1Ø)
	TIME & FREQUENCY STANDARD (60 CPS AMPLIFIER)	(1.04 KW 1Ø)
	TIME & FREQUENCY STANDARD (OSCILLATOR)	(0.76 KW 1Ø)
120V 3Ø 60 CPS	ESG CONSOLE	(0.5 KW 1Ø)
	ESG TEST SET	(0.5 KW 1Ø)
	WORK BENCH 1 THRU 3	(4.5 KW 3Ø)
	WORK BENCH 4 THRU 6	(4.5 KW 3Ø)
	WORK BENCH 7 THRU 9	(4.5 KW 3Ø)
	WORK BENCHES 10 AND 11	(3.0 KW 3Ø)
120V 3Ø 60 CPS	TYPE II PERISCOPE SERVO TEST SET	(1.3 KW 1Ø)
	GYRO OVEN 1	(1.2 KW 1Ø)
	GYRO OVEN 2	(1.2 KW 1Ø)
	TAPE PERFORATING PUNCH	(0.41 KW 1Ø)
	VERDAN TEST BENCH	(4 KW 3Ø)
	MK 3 MOD 0 SINS MAINTENANCE TEST CONSOLE	(0.75 KW 1Ø)
	NAVIGATION CONTROL TEST SET MK 2	(1 KW 1Ø)
	GYRO MONITOR TEST SET	(1 KW 1Ø)
	TRANSIT COMPUTER & DATA PROCESSOR TEST SET	(1 KW 1Ø)
	GYRO MONITOR	(1 KW 1Ø)
120V 3Ø 60 CPS	DIGITAL DATA PROCESSOR CV-1296/BRN-3	(2.2 KW 1Ø)
	TRANSIT RECEIVER TEST SET	(1.0 KW 1Ø)
	MK 2 MOD 2 SINS TRANSMISSION SET	(1.27 KW 3Ø)
	NAVIGATION CONTROL CONSOLE TEST SET MK 3	(0.5 KW 1Ø)
	MULTISPEED REPEATER TEST SET MK 3	(0.5 KW 1Ø)
MULTISPEED REPEATER TEST SET MK 2 MOD 2	(1.15 KW 1Ø)	

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+28V DC	STABILIZATION DATA COMPUTER TEST SET MK 3	(0.03 KW)
	SONAR TEST SET	(0.03 KW)
	TRANSIT COMPUTER & DATA PROCESSOR TEST SET	(0.27 KW)
	TRANSIT RECEIVER TEST SET	(0.27 KW)
	GYRO MONITOR TEST SET	(0.27 KW)
	GYRO MONITOR	(0.1 KW)
	RADIOMETRIC SEXTANT RECEIVER & CONSOLE TEST SET	(0.1 KW)
	TYPE II PERISCOPE SERVO TEST SET	(0.05 KW)
	MULTISPEED REPEATER TEST SET MK 3	(0.1 KW)
	NAVIGATION CONTROL CONSOLE TEST SET MK 3	(0.1 KW)
+28 V DC	WORK BENCHES 1 THRU 3	(0.45 KW)
	WORK BENCHES 4 THRU 6	(0.45 KW)
	WORK BENCHES 7 THRU 9	(0.45 KW)
	WORK BENCHES 10 AND 11	(0.30 KW)
	ESG CONSOLE	(0.1 KW)
	ESG TEST SET	(0.1 KW)
	GYRO OVEN 1	(0.15 KW)
	GYRO OVEN 2	(0.15 KW)
	SONAR TEST SET	(0.03 KW)
	TRANSIT COMPUTER & DATA PROCESSOR TEST SET	(0.27 KW)

+28V DC VOLTAGE REGULATION ±1%  
FROM FIRE CONTROL SHOP 10 KW  
RECTIFIER (SEE SHEET 3)

+28V DC SUPPLY TO FIRE CONTROL  
SHOP PWR PANEL GROUP-SEE SHT. 3

NAVIGATION EQUIPMENT SHOP  
PWR PNL GROUP

450V 3Ø 400 CPS FROM (3) 30 KW MG SETS  
VIA MAIN I.C. SWITCHBOARD VOLTAGE  
REGULATION ±.5% FREQUENCY REGULATION  
.5% (VOLTAGE SENSED AT I.C. SWITCHBOARD)  
(SEE REF. 2)

120V 3Ø 400 CPS	ESG CONSOLE	(0.5 KW 3Ø)
	NAVDAC TEST CONTROL RACK	(1.2 KW 3Ø)
	MULTISPEED REPEATER (ROLL)	(0.23 KW 3Ø)
	MULTISPEED REPEATER (PITCH)	(0.23 KW 3Ø)
	MULTISPEED REPEATER (OSH)	(0.23 KW 3Ø)
	NAVDAC "A" AND "B"	(0.6 KW 3Ø)
	NAVDAC "C"	(0.14 KW 3Ø)
	LORAN "C" TEST SET	(1.2 KW 1Ø)
	STABILIZATION DATA COMPUTER TEST SET MK 2	(1.5 KW 2Ø)
	STABILIZATION DATA COMPUTER TEST SET MK 3	(0.5 KW 3Ø)
120V 3Ø 400 CPS	SONAR TEST SET	(0.5 KW 3Ø)
	MK 23 GYRO COMPASS (GYRO REPAIR SHOP)	(0.8 KW 3Ø)
	R/M SEXTANT RECEIVE & CONSOLE TEST SET	(0.5 KW 3Ø)
	SINS DATA SWITCHBOARD	(1.0 KW 3Ø)
	TYPE II PERISCOPE & SERVO TEST SET	(2.2 KW 3Ø)
	NAVIGATION CONTROL CONSOLE TEST SET MK 2	(0.5 KW 3Ø)
	MK 2 MOD 0 SINS NAVIGATION CONSOLE (N7A)	(1.5 KW 3Ø)
	MK 2 MOD 2 SINS TRANSMISSION SET (N7F)	(3.5 KW 3Ø)
	MK 3 SINS CONTROL CONSOLE	(2.2 KW 3Ø)
	VERDAN TEST BENCH	(1.1 KW 3Ø)
120V 3Ø 400 CPS	GYRO MONITOR	(0.4 KW 3Ø)
	GYRO MONITOR TEST SET	(1.0 KW 3Ø)
	MK 2 MOD 0 SINS MAINTENANCE CONSOLE (N7A)	(2.24 KW 3Ø)
	MK 3 MOD 0 SINS MAINTENANCE TEST CONSOLE	(0.75 KW 3Ø)
	TRANSIT RECEIVER TEST RACK	(1.0 KW 3Ø)
	TRANSIT COMPUTER & DATA PROCESSOR TEST SET	(1.0 KW 3Ø)
	RADIO RECEIVER R-1132/BRN-3	(0.88 KW 1Ø)
	ESG TEST SET	(0.5 KW 3Ø)
	VERDAN MAINTENANCE CONSOLE (N7F)	(1.5 KW 3Ø)
	PERFORATED TAPE READER	(0.13 KW 3Ø)
120V 3Ø 400 CPS	WORK BENCHES 1 THRU 3	(3.0 KW 3Ø)
	WORK BENCHES 4 THRU 6	(3.0 KW 3Ø)
	WORK BENCHES 7 THRU 9	(3.0 KW 3Ø)
	WORK BENCHES 10 & 11	(2.0 KW 2Ø)
	MULTISPEED REPEATER TEST SET MK 3	(0.5 KW 3Ø)
	NAVIGATION CONTROL CONSOLE TEST SET MK 3	(0.5 KW 3Ø)
	MULTISPEED REPEATER TEST SET MK 2 MOD 2	(0.6 KW 1Ø)

120V 3Ø 400 CPS SUPPLY  
(TO FIRE CONTROL SHOP PWR PNL  
GROUP - SEE SHT. 3)