

APPENDIX A FICHE LIBRARY NOV 85

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION
616B		OPER & SERV MAN MAN CHANGE MAN SUPP SERV NOTE SET BELOW M-13 616B-6 616B-7B 616B-8	MAY72 00616-90008 NOV74 00616-90008 SEP64 00616-90008		SEP77 00616-90009		8L	01	04	02	ILLUSTR PRIS IDENTIFICATION
6177B		OPER & SERV MAN MAN CHANGE	AUG69 06177-90002 OCT72 06177-90002		AUG81 5950-1889		8L	01	21	01	

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION
6177C		OPER & SERV MAN MAN CHANGE	JUL75 5950-1749 OCT82 5950-1749		APR83 5950-1750		8L	01	21	01	
618A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW M-13 618A-1 618A-3F 618A-4 618A-5	MAR63 618A-501D MAR63 618A-501D		MAY78 5080-5725		8L	01	04	01	
618B		SERV NOTE SET BELOW 618B/620A-1A 618B-2A 618B-3 618B-4 618B-5B 618B-6 618B-7A	DEC65 WN SER 338-04136 & DOWN.R103 REPL - SER 284 & DOWN.REC REPL METER - SER 284 & DOWN.POWR XFMR WIRING MOD - FILTR ASSY REPL PROCEDURE JUN65 SER 385 & DOWN.FAN MOD KIT INSTAL JUL70 WN SER 1335 & DOWN.PULSE & SQR WAVE MOD AUG72 SUPRES SWTCH TRANSTS AT SYNC INPUT		MAY78						
618C		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 618C-1A/620B-1A 618C-2/620B-2 620B-3A 618C-4A 618C-5 618C-6 618C-U-6/620B-U-10 618C-7 618C-8 618C-9 618C-10 618C-11 618C-12 618C-13 618C-14 618C-15	MAY71 00618-90023 APR80 00618-90029 DEC82 00618-90029		APR74 00618-90024*		01	04	04	USE 618C FICHE 00618-90031 8L 01 04 03	
6111B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6181B-1	SEP69 06181-90002 NOV71 06181-90002		JAN81 06181-90005		8L	01	21	02	
6181C		OPER & SERV MAN MAN CHANGE	JUL75 5950-1749 OCT82 5950-1749		APR83 5950-1750		8L	01	21	01	
6186B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6186B-1	MAR71 06186-90003 JUL72 06186-90003		JAN73 06186-90004		01	21	02		

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION
6177C		OPER & SERV MAN MAN CHANGE	JUL75 5950-1749 OCT82 5950-1749		APR83 5950-1750		8L	01	21	01	
618A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW M-13 618A-1 618A-3F 618A-4 618A-5	MAR63 618A-501D MAR63 618A-501D		MAY78 5080-5725		8L	01	04	01	
618B		SERV NOTE SET BELOW 618B/620A-1A 618B-2A 618B-3 618B-4 618B-5B 618B-6 618B-7A	DEC65 WN SER 338-04136 & DOWN.R103 REPL - SER 284 & DOWN.REC REPL METER - SER 284 & DOWN.POWR XFMR WIRING MOD - FILTR ASSY REPL PROCEDURE JUN65 SER 385 & DOWN.FAN MOD KIT INSTAL JUL70 WN SER 1335 & DOWN.PULSE & SQR WAVE MOD AUG72 SUPRES SWTCH TRANSTS AT SYNC INPUT		MAY78						
618C		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 618C-1A/620B-1A 618C-2/620B-2 620B-3A 618C-4A 618C-5 618C-6 618C-U-6/620B-U-10 618C-7 618C-8 618C-9 618C-10 618C-11 618C-12 618C-13 618C-14 618C-15	MAY71 00618-90023 APR80 00618-90029 DEC82 00618-90029		APR74 00618-90024*		01	04	04	USE 618C FICHE 00618-90031 8L 01 04 03	
6111B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6181B-1	SEP69 06181-90002 NOV71 06181-90002		JAN81 06181-90005		8L	01	21	02	
6181C		OPER & SERV MAN MAN CHANGE	JUL75 5950-1749 OCT82 5950-1749		APR83 5950-1750		8L	01	21	01	
6186B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6186B-1	MAR71 06186-90003 JUL72 06186-90003		JAN73 06186-90004		01	21	02		

	MAN CHANGE	NOV71 06181-90002	APR79							6345A
	SERV NOTE SET BELOW									6346A
	6181B-1	AUG70 WO SER BELOW 461.MOD TO IMPR RELIABILITY								6347A
6181C	OPER & SERV MAN	JUL75 5950-1749	APR83 5950-1750	8L 01 21 01						6348A
	MAN CHANGE	OCT82 5950-1749								6354A
6186B	OPER & SERV MAN	MAR71 06186-90003	JAN73 06186-90004	01 21 02						
	MAN CHANGE	JUL72 06186-90003								
	SERV NOTE SET BELOW		APR79							
	6186B-1	JUL70 WN SER BELOW 00149.MOD TO IMPR REL								

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***												
6186B		6186B-2	OCT70	WN SER BELOW 1022A00208	MOD TO IMPR OPER OF VOLTAGE LIMIT LIGHT							6357A
		6186B-3	OCT71	WO SER BELOW 00370	MOD TO IMPR ZENER REL							
6186C		OPER & SERV MAN	JAN75	06186-90005	SEP80 06186-90006	8L 01 21 02						
		MAN CHANGE	SEP79	06186-90005								
620A		OPER & SERV MAN	DEC63	620A-901	MAR76 00620-90006	8L 01 04 03						6363A
		BACK DATING MAN CHG	DEC63	620A-901								6364A
		MAN CHANGE	APR66	620A-901								6365A
		SERV NOTE SET BELOW			MAY78							6366A
		M-13	JAN69	WO EXPLANATION OF MONITOR SYSTEM								6367A
		618B-3	-	SER 116 & DOWN.230V OPER WIR CHANGES								6371A
		618B/620A-1A	DEC65	WN SER 338-04136 & DOWN.R103 REPL								6385A
		620A-2D	JUN69	WO ATTEN & POWR MONITOR PROBE REPL								6386A
		620A-3	-	POWR MONITOR BEAD THERMISTOR REPL								6387A
		620A-4A	-	SER 241 & DOWN.MOD FOR 50-400 H2 OPER								63901F
		620A-5A	-	SER 1243 & DOWN.CAVITY ASSY REPL PROC								64000
		620A-6	-	ILLUSTR PARTS IDENTIFICATION								
		620A-7B	AUG72	ALL SER.SWTH TRANSIENTS ELIMINATION								
620B		OPER & SERV MAN	MAY71	00618-90023	APR74 00618-90024*	01 04 04	USE 620B FICHE 00618-90031					
		OPER & SERV MAN	APR80	00618-90029	MAY83 00618-90031	8L 01 04 03						
		MAN CHANGE	DEC82	00618-90029								
		SERV NOTE SET BELOW			OCT81							
		618C-4A	MAR73	WA SER 645-00277 & DOWN.FAN INSTAL KIT								
		618C-1A/620B-1A	MAR68	WO SER 740-00601 & DOWN.R523 PREFER REPL								
		618C-2/620B-2	AUG69	WO SER 740-00501 & DOWN.KLYSTRON MOD								
		620A-2D	JUN69	WO ATTEN & POWR MONITOR PROBE REPL								
		620B-3A	MAY72	SWTH TRANSIENT SUPRES.SUPERSEDES 618C-3/620B-3								
		620B-4	-	NOTAVAILABE								
		620B-5	-	NOTAVAILABE								
		620B-6	-	NOTAVAILABE								
		620B-7	-	NOTAVAILABE								
		620B-8	-	NOTAVAILABE								
		620B-9	MAY75	WO SER 1443A & DOWN.HI REL POWR CAPICIT								
		620B-10	MAY75	WN SER 0985A & DOWN.FILAMENT WIR CHECK								
		618C-U-6/620B-U-10	AUG76	WN SER 1232U-00470 & DOWN.FILAMENT WIR CHECK								
		620B-11	AUG75	WA SAFETY.SER 1443A02191 THRU 1517A02376 FILAMENT REGULTR TRANSIENT PROTECT								
		620B-12	AUG75	WA SAFETY.SER 1312A02131 THRU 1517A02425 SHOCK HAZARD ELIMINATION								
		620B-13	SEP75	WA SER 1443A02191 THRU 1517A02401.REGULATOR TRANSISTOR SUB FOR IMPR RELIABILITY								
		620B-14	FEB77	WO SER 1546A & DOWN.PREFER Q1 REPL								
		620B-15	APR78	WO ALL SER.MOD-IMPROVE MIN PULSE WIDTH								
		620B-16	FEB81	WO ALL SER.PART CHANGE TO ASSURE PROPER ***REPL BY 620B-17							0581	
		620B-17	MAY81	WO ALL SER.TRBLESHTNG TIP FOR SER REG IN -1000 V PWR SUPPLY								
6200		SERV NOTE SET BELOW			APR81							
		6200A-1	SEP64	FIELD ADJUSTMENTS								
6200A		OPER & SERV MAN	JAN80	06200-90002	JAN74 06200-90003	01 21 02						
6200B		OPER & SERV MAN	JUL66	06200-90001	JUL82 06200-90006	8L 01 21 02						
		MAN CHANGE	SEP80	06200-90001								
		SERV NOTE SET BELOW			APR83							
		6200B-1	DEC82	WN SER 2230A10676 & BELOW.IMPR VOLTAGE REFER ACCUR								

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***												
6200A		OPER & SERV MAN	MAY73	06200-90002	JAN74 06200-90003	01 21 02						

6200	SERV NOTE SET BELOW 6200A-1	SEP64	FIELD ADJUSTMENTS	APR81					
6200A	OPER & SERV MAN	JAN70	06200-90002	JAN74	06200-90003	01	21	02	
6200B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6200B-1	JUL66 SEP80	06200-90001 06200-90001	JUL82	06200-90006	8L	01	21	02
		DEC82	WN SER 2230A10676 & BELOW.	APR83					IMPR VOLTAGE REFER ACCUR

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 274
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
62003A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62003A/048A		SERV NOTE SET BELOW 62003A/62048A-1	DEC83	WO ALL SER.BARRIER	JUL84	BLOCK REPL					
62003C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62003E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62003E/048E		SERV NOTE SET BELOW 62003E/62048E-1	DEC83	WO ALL SER.BARRIER	JUL84	BLOCK REPL					
62003G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L	01	21	02	
62003G/048G		SERV NOTE SET BELOW 62003G/62048G-1	DEC83	WO ALL SER.BARRIER	JUL84	BLOCK REPL					
62004A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62004C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62004E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62004G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L	01	21	02	
62005A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62005C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62005E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62005G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L	01	21	02	
62006A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62006C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62006E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		
62006G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L	01	21	02	
6201		SERV NOTE SET BELOW 6201A-1	SEP64	FIELD ADJUSTMENTS	APR81						
6201A		INSTRU & OPER MAN	JAN00	06201-90002	SEP82	06201-90004	8L	01	21	01	
6201B		OPER & SERV MAN MAN CHANGE	JUN66 NOV71	06201-90001 06201-90001	JAN72	06201-90003	01	21	02		
62010A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 275
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
62010C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01	21	02		

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MODEL
NUMBER

64000

64032A

64050A

64100A

64110A

64151A

11/08/85
MODEL
NUMBER

64151A

MODEL NUMBER	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G
6201A	INSTRU & OPER MAN	JAN00	06201-90002	SEP82	06201-90004	8L 01 21 01
6201B	OPER & SERV MAN MAN CHANGE	JUN66 NOV71	06201-90001 06201-90001	JAN72	06201-90003	01 21 02
62010A	OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	PAGE 275
													11/08/85 MODEL NUMBER
62010C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64151A
62010E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						
62010G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L 01 21 02						
62012A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						
62012C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64152A
62012E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64152B
62012G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L 01 21 02						64153A
62015A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64153B
62015C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64154A
62015E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						
62015G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L 01 21 02						64154B
62018A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64155A
62018C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						
62018E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64161A
62018G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L 01 21 02						64162A
6202A		OPER & SERV MAN	JAN00	06202-90002	JAN81	06202-90004	8L 01 21 01						64163A
6202B		OPER & SERV MAN MAN CHANGE	JUL66 JUL79	06202-90001 06202-90001	FEB85	06202-90003	8L 01 21 02						64191A
62024A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						
62024C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						
62024E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64192A
62024G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L 01 21 02						64193A
62028A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64201A
62028C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						
62028E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726	01 21 02						64202A
62028G		OPER & SERV MAN	JUN72	5950-5970	APR83	5950-1944	8L 01 21 02						

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	PAGE 276
													11/08/85 MODEL NUMBER
62028G		MAN CHANGE	NOV82	5950-5970	APR83	5950-1944	8L 01 21 02						64202A
6203A		INSTRUCT & OPER MAN	JAN00	06203-90002	MAR75	06203-90003	01 21 02						

62028A	OPER & SERV MAN	MAY72 5950-5969	AUG74 5950-1726	01 21 02
62028C	OPER & SERV MAN	MAY72 5950-5969	AUG74 5950-1726	01 21 02
62028E	OPER & SERV MAN	MAY72 5950-5969	AUG74 5950-1726	01 21 02
62028G	OPER & SERV MAN	JUN72 5950-5970	APR83 5950-1944	8L 01 21 02

64202A

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
62028G		MAN CHANGE	NOV82	5950-5970	APR83	5950-1944	8L	01	21	02					
6203A		INSTRUCT & OPER MAN	JAN00	06203-90002	MAR75	06203-90003		01	21	02					
6203B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6203B-1	JUL66 AUG82	06203-90001 06203-90001	FEB83	06203-90004	8L	01	21	02					
					APR83										
			DEC82	WN SER 2229A03465 & BELOW.											
6204		SERV NOTE SET BELOW 6204AM-1	SEP64	FIELD ADJUSTMENTS	APR81										
6204A		INST & OPER MAN	JAN00	06204-90002	FEB83	06204-90003	8L	01	21	01					
6204B		OPER & SERV MAN MAN CHANGE	AUG66 FEB81	06204-90001 06204-90001	FEB83	06204-90004	8L	01	21	01					
62048A		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726		01	21	02					
62048C		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726		01	21	02					
62048E		OPER & SERV MAN	MAY72	5950-5969	AUG74	5950-1726		01	21	02					
62048G		OPER & SERV MAN MAN CHANGE	JUN72 NOV82	5950-5970 5950-5970	APR83	5950-1944	8L	01	21	02					
6205		SERV NOTE SET BELOW 6205B-1-67 6205B-2-S	-	SER BELOW 0600,RVN 4.MOD TO ELIM CURRENT DEFLECTION OF FRONT PANEL AMMETER	APR81										
			FEB81	WA SAFETY.SER 1949A15876 THRU 2025A17875.MOD TO ELIM SHOCK HAZARD WHEN COVERS ARE OFF											
6205B		OPER & SERV MAN MAN CHANGE	JUL69 JUL80	06205-90002 06205-90002	DEC84	06205-90003	8L	01	21	02					
6205C		OPER & SERV MAN MAN CHANGE	JAN82 AUG82	06205-90004 06205-90004	FEB83	06205-90005	8L	01	21	01					
6206A		INST & OPER MAN MAN CHANGE	JUN65 JUL81	06206-90001 06206-90001	JUL84	06206-90003	8L	01	21	01					
6206B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6206B-1 6206B-2	FEB70 MAY82	06206-90002 06206-90002	FEB83	06206-90004	8L	01	21	02					
					APR81										
			MAY69	WO SER BELOW 02176.MOD TO IMPR REL											
			SEP79	WO SER BETWEEN 8M2352 & 1928A05690.PREF REPL OF TRANS Q4											
6207A		OPER & SERV MAN	JUN65	06207-90002	SEP82	06207-90005	8L	01	21	02					
6207B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6207B-1	AUG70 OCT82	06207-90003 06207-90003	FEB83	06207-90004	8L	01	21	02					
					APR83										
			DEC82	WN SER 2230A03785 & BELOW.IMPR VOLTAGE REFER ACCUR											
6209A		OPER & SERV MAN	AUG65	06209-90002	NOV74	06209-90004		01	21	02					
6209B		OPER & SERV MAN	JUN69	06209-90003	FEB83	06209-90005	8L	01	21	02					

64202A

64203A

64206A

64206S

64210A

64211A

64212A

64213A

64214A

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6209B		MAN CHANGE SERV NOTE SET BELOW 6209B-1	OCT82	06209-90003	FEB83	06209-90005	8L	01	21	02					
					APR83										
			DEC82	WN SER 2230A06551 & BELOW.IMPR VOLTAGE REFER ACCUR											
6211A		OPER & SERV MAN	JUL71	06211-90001	DEC75	06211-90002	8L	01	21	01					

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64215A

SERV NOTE SET BELOW APR83
 6207B-1 DEC82 WN SER 2230A03785 & BELOW.IMPR VOLTAGE REFER ACCUR
 6209A OPER & SERV MAN AUG65 06209-90002 NOV74 06209-90004 01 21 02
 6209B OPER & SERV MAN JUN69 06209-90003 FEB83 06209-90005 8L 01 21 02

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	11/08/85 MODEL NUMBER
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6209B		MAN CHANGE SERV NOTE SET BELOW 6209B-1	OCT82	06209-90003	FEB83	06209-90005	8L	01	21	02	64215A
			DEC82	WN SER 2230A06551	APR83	& BELOW.IMPR VOLTAGE REFER ACCUR					
6211A		OPER & SERV MAN MAN CHANGE	JUL71	06211-90001	DEC75	06211-90002	8L	01	21	01	64216A
			NOV74	06211-90001							
6212A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6212A-1 6212A-2 6212A-3	JUL71	06212-90001	JAN85	06212-90002	8L	01	21	01	64222A
			FEB80	06212-90001	OCT85						
			JUL84	WN ALL SER.REC		TOP COVER REPL					
			AUG84	WN ALL SER.FRT		PAN REPL					
			MAR85	WN ALL SER.REC		BOTTOM REPL					
6212B		OPER & SERV MAN	NOV82	5950-1928	APR83	5950-1929	8L	01	21	01	64223A
6213A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6213A-1/6214A-1/ 6215A-1/6216A-1/ 6217A-1/6218A-1	MAY68	06213-90001	JUN83	06213-90002	8L	01	21	01	64224A
			MAR80	06213-90001	APR81						
			SEP76	WN SER BELOW 1726		MOD TO GRD AC FRONT PANEL POWER SWITCH.					
6214A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6213A-1/6214A-1/ 6215A-1/6216A-1/ 6217A-1/6218A-1 6214A-1 6214A-2 6214A-3	JAN69	06214-90002	JAN85	06214-90003	8L	01	21	01	64225A
			AUG80	06214-90002	OCT85						
			SEP76	WN SER BELOW 1726		MOD TO GRD AC FRONT PANEL POWER SWITCH.					
			JUL84	WN ALL SER.REC		TOP COVER REPL					
			AUG84	WN ALL SER.FRT		PAN REPL					
			MAR85	WN ALL SER.REC		BOTTOM REPL					
6214B		OPER & SERV MAN	NOV82	5950-1928	APR83	5950-1929	8L	01	21	01	64232A
6215A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6213A-1/6214A-1/ 6215A-1/6216A-1/ 6217A-1/6218A-1	JAN69	06215-90001	JUL84	06215-90002	8L	01	21	01	64233A
			FEB80	06215-90001	APR81						
			SEP76	WN SER BELOW 1726		MOD TO GRD AC FRONT PANEL POWER SWITCH.					
6216A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6213A-1/6214A-1/ 6215A-1/6216A-1/ 6217A-1/6218A-1 6216A-1 6216A-2 6216A-3	JAN69	06216-90001	NOV84	06216-90002	8L	01	21	01	64242A
			AUG80	06216-90001	OCT85						
			SEP76	WN SER BELOW 1726		MOD TO GRD AC FRONT PANEL POWER SWITCH.					
			JUL84	WN ALL SER.REC		TOP COVER REPL					
			AUG84	WN ALL SER.FRT		PAN REPL					
			MAR85	WN ALL SER.REC		BOTTOM REPL					
6216B		OPER & SERV MAN	NOV82	5950-1928	APR83	5950-1929	8L	01	21	01	
6217A		OPER & SERV MAN	FEB69	06217-90001	JUN83	06217-90002	8L	01	21	01	

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	11/08/85 MODEL NUMBER
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6217A		SERV NOTE SET BELOW 6213A-1/6214A-1/ 6215A-1/6216A-1/ 6217A-1/6218A-1	SEP76	WN SER BELOW 1726	APR81						64242A
						MOD TO GRD AC FRONT PANEL POWER SWITCH.					
6218A		SERV NOTE SET BELOW			OCT85						64249A

6216B	OPER & SERV MAN	NOV82 5950-1928	APR83 5950-1929	8L 01 21 01
6217A	OPER & SERV MAN	FEB69 06217-90001	JUN83 06217-90002	8L 01 21 01

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***										
6217A		SERV NOTE SET BELOW 6213A-1/6214A-1/ 6215A-1/6216A-1/ 6217A-1/6218A-1	SEP76	WN SER BELOW	1726.MOD	TO GRD AC FRONT PANEL POWER SWITCH.				
										APR81
6218A		SERV NOTE SET BELOW 6213A-1/6214A-1/ 6215A-1/6216A-1/ 6217A-1/6218A-1	SEP76	WN SER BELOW	1726.MOD	TO GRD AC FRONT PANEL POWER SWITCH.				
										OCT85
		6218A-1	JUL84	WN ALL SER.REC	TOP COVER	REPL				
		6218A-2	AUG84	WN ALL SER.FRT	PAN	REPL				
		6218A-3	MAR85	WN ALL SER.REC	BOTTOM	REPL				
6218B		OPER & SERV MAN	NOV82	5950-1928		APR83 5950-1929	8L	01	21	01
6218C		OPER & SERV MAN MAN CHANGE	FEB74	06128-90001		JAN85 06128-90003	8L	01	21	03
			JAN82	06128-90001						
6220B		OPER & SERV MAN MAN CHANGE	JAN67	06220-90001		OCT75 06220-90003	8L	01	21	02
			APR70	06220-90001						
62212A		OPER & SERV MAN MAN CHANGE	NOV73	5950-1688		APR83 5950-1939	8L	01	21	01
			XXX00	5950-1688						
62212E		OPER & SERV MAN MAN CHANGE	NOV73	5950-1688		APR83 5950-1939	8L	01	21	01
			XXX00	5950-1688						
62212G		OPER & SERV MAN MAN CHANGE	FEB74	5950-1690		APR83 5950-1940	8L	01	21	01
			DEC80	5950-1690						
62215A		OPER & SERV MAN MAN CHANGE	NOV73	5950-1688		APR83 5950-1939	8L	01	21	01
			XXX00	5950-1688						
62215E		OPER & SERV MAN MAN CHANGE	NOV73	5950-1688		APR83 5950-1939	8L	01	21	01
			XXX00	5950-1688						
62215G		OPER & SERV MAN MAN CHANGE	FEB74	5950-1690		APR83 5950-1940	8L	01	21	01
			DEC80	5950-1690						
6224A		OPER & SERV MAN MAN CHANGE	JAN00	06224-90002		OCT74 06224-90003				01 21 02
			AUG65	06224-90002						
		SERV NOTE SET BELOW 6224A-1	SEP64		FIELD ADJUSTMENTS					APR79
6224B		OPER & SERV MAN MAN CHANGE	DEC66	06224-90001		FEB83 06224-90004	8L	01	21	01
			JUN80	06224-90001						
6226A		OPER & SERV MAN SERV NOTE SET BELOW 6226A-1	DEC65	06226-90002		DEC83 06226-90004	8L	01	21	01
			SEP64		FIELD ADJUSTMENTS					APR79
6226B		OPER & SERV MAN MAN CHANGE	DEC66	06226-90001		FEB83 06226-90003	8L	01	21	01
			MAY81	06226-90001						
6227B		OPER & SERV MAN	DEC70	06227-90001		OCT75 06227-90002	8L	01	21	02

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***										
6227B		MAN CHANGE	NOV74	06227-90001		OCT75 06227-90002	8L	01	21	02
6228B		OPER & SERV MAN MAN CHANGE	DEC70	06228-90001		DEC75 06228-90002	8L	01	21	02
			AUG75	06228-90001						
623B		SERV NOTE SET BELOW 623B-1A 623B-2B								OCT78
						SER 294 & DOWN-KLYSTRON FREQ MOD				
						SER 251 & DOWN-KLYSTRON FREQ MOD				

11/08/85
MODEL
NUMBER

64242A

64249A

64250

64250A

64251A

64252A

64255A

64256A

64261A

11/08/85
MODEL
NUMBER

64262A

MAN CHANGE MAY81 06226-90001
 6227B OPER & SERV MAN DEC70 06227-90001 OCT75 06227-90002 8L 01 21 02

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION	DESCRIPTION
6227B		MAN CHANGE	NOV74	06227-90001	OCT75	06227-90002	8L	01	21	02		
6228B		OPER & SERV MAN MAN CHANGE	DEC70 AUG75	06228-90001 06228-90001	DEC75	06228-90002	8L	01	21	02		
623B		SERV NOTE SET BELOW			OCT78							
		623B-1A	-	SER 294 & DOWN.		KLYSTRON FREQ MOD						
		623B-2B	JUN67	SER 851 & DOWN.		FAN MOTOR & BLADE REPL						
		623B-3A	-	KLYSTRON & ATTEN		WAVEGUIDE MOUNT MOD						
		623B-4	-	NOT AVAILABLE								
		623B-5	NOV65	ATTEN ASSY REPL		PROCEDURE						
		623B-6	JAN70	WO FAN MOTOR REC		REPL PROCEDURE						
6234A		OPER & SERV MAN	AUG78	06234-90001	OCT78	06234-90002	8L	01	21	01		
6235A		OPER & SERV MAN MAN CHANGE	JAN78 MAR78	06235-90001 06235-90001	OCT78	06235-90002	8L	01	21	01		
6236A		OPER & SERV MAN	FEB75	5950-1737	MAR75	5950-1748 *	01	21	01		USE 6236B FICHE 5950-1824	
6236B		OPER & SERV MAN MAN CHANGE	FEB77 SEP77	5950-1782 5950-1782	OCT78	5950-1824	8L	01	21	01		
6237A		OPER & SERV MAN	FEB75	5950-1737	MAR75	5950-1748 *	01	21	01		USE 6237B FICHE 5950-1824	
6237B		OPER & SERV MAN MAN CHANGE	FEB77 SEP77	5950-1782 5950-1782	OCT78	5950-1824	8L	01	21	01		
624A/B/C		SERV NOTE SET BELOW			OCT78							
		624B-6	-	624A/B ALL SER.624C		SER 652 & DOWN. REPL 1:1 PHASE CONTROL						
		624C-1	-	ILLUSTR PRTS IDENTIFICATION								
		624C-2	MAY67	SER 007-01807 & DOWN.		V12 REPL						
		624C-3	JAN70	WO REPL PROC FOR FAN MOTOR								
		62401-1/H04-624C	JAN70	WO HP SPEC NO.62401/H04-624C.REC		REPL OF 3140-0010 FAN MOTOR						
62413A		OPER NOTE	FEB79	62413-90001	APR83	62413-90002	8L	01	21	01		
6242A		INSTRUCT & OPER MAN SERV NOTE SET BELOW 6242A-1	JAN00 SEP64	06242-90002 FIELD ADJUSTMENTS	MAR78 APR79	5951-6161	8L	01	21	01		
6244A		INSTRUCT & OPER MAN SERV NOTE SET BELOW 6244A-1	JAN00 SEPT6	06244-90001 4 FIELD ADJUSTMENTS	OCT72 APR79	5951-6162	8L	01	21	02		
6251A		OPER & SERV MAN	SEP66	06251-90001	OCT72	5951-6163	8L	01	21	01		
6253A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE 6253A-3/6456B-3/ 6459A-3	SEP66 JUN67 SEP82 MAY82	06253-90001 06253-90002 06253-90002 WO SER 2038A-0085 & BELOW.INSTAL OF AC PWR CONNEC FOR 250 VAC(OPT 001,002 & VAC OPT 003,031,032)	NOV74 FEB83	06253-90003* 06253-90004	01 8L	21 01	02 01		USE 6253A FICHE 06253-90004	
6255A		OPER & SERV MAN MAN CHANGE	SEP66 SEP69	06255-90001 06255-90001	JAN85	06255-90003	8L	01	21	01		

11/08/85
MODEL
NUMBER

64262A

64263A

64264A

6427A

6427B

64271A

64272A

64274A

6428A

6428B

64291A

64292A

64294A

64295A

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION	DESCRIPTION
6255A		OPER & SERV MAN MAN CHANGE	JUN67 MAR80	06255-90002 06225-90002	FEB83	06255-90004	8L	01	21	01		
6256B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUN70 OCT75 JAN76 OCT82	06256-90003 06256-90003 5950-1765 5950-1765	NOV84	06256-90004	8L	01	21	02		
					APR83	5950-1941	8L	01	21	02		
					APR82							

11/08/85
MODEL
NUMBER

64295A

64300

64300A

6255A OPER & SERV MAN MAN CHANGE SEP66 06255-90001 JAN85 06255-90003 8L 01 21 01

64295A 0

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 280
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6255A		OPER & SERV MAN MAN CHANGE	JUN67 MAR80	06255-90002 06225-90002	FEB83	06255-90004	8L	01	21	01	
6256B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6266B-2/6267B-1/ 6271B-3 6256B-2/6264B-2/ 6267B-2/6274B-1 6256B-3/6264B-3/ 6267B-3/6274B-2 6256B-3/6263B-4/ 6264B-3/6266B-4/ 6267B-3/6274B-2	JUN70 OCT75 JAN76 OCT82	06256-90003 06256-90003 5950-1765 5950-1765	NOV84	06256-90004	8L	01	21	02	
			MAR70	WO 6256B SERIALS BELOW 280	APR82						.MODIFICATION TO IMPROVE PILOT LIGHT OPERATION
			DEC70	WO 6256B SERIALS 251 TO 431							.MODIFICATION TO IMPROVE 208/230 VOLT RELIABILITY
			MAY71	WO 6256B SERIALS BELOW 471							.MODIFICATION TO IMPROVE PREREG REL & GENERAL UPDATING
			NOV81	WO ALL SER IMPROVE REL CHANGE IN RFI FILTER ASSY							
6257A		OPER & SERV MAN MAN CHANGE	SEP66 JAN00	06257-90001 06257-90001	MAR78	5951-6164	8L	01	21	02	
6258A		OPER & SERV MAN	SEP66	06258-90001	OCT72	5951-6165	8L	01	21	01	
6259B		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6259B-1 6259B-2 6259B-4A/6260B-3A/ 6261B-3A/6268B-3A/ 6269B-5 6259B-4/6260B-4/ 6261B-4/5157B-4/ 6269B-6 6259B-6/6260B-5/ 6261B-5/6268B-5/ 6269B-7	FEB70 MAR76 MAY82	06259-90001 5950-1766 5950-1766	OCT75 APR83	06259-90002*	8L	01	21	02	USE 6259B FICHE 5950-1942
			OCT70	WN SER BELOW 170	JUL82						MOD TO RED NOISE & SPIKES FROM OUTPUT TERMINAL
			JUN71	WO SER BELOW 270							MOD TO IMPR PREREGULATOR RELIABILITY & GENERAL UPDATING
			MAR82	WO ALL SER IMPROVE REL CHANGE IN RFI FILTER ASSY							
			JAN82	WO 6259B:SER 2035A01215 & BELOW;6260B:SER2031A2495 & BELOW;6261B:2034A01590 & BELO W;6268B:SER 2034A04150 & BELOW;6269B: SER 2033A05820 & BELOW;FAN CHANGE FORIMPR RELIABILITY							
			JAN82	WO 6259B:SER 2039A01386 & BELOW;6260B:SER 2035A02756 & BELOW;6261B:SER 2037A01831 & BEL OW;6268A:SER 2043A04901 & BELOW;6269B SER 2038A07021 & BELOW;TUNNEL ASSY INSUTATN STANDOFFS							
626A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 626A-1F 626A-2A 626A-3 628A-3A 626A-5/628A-6 626A-6 626A-7 626A-8 626A-9	AUG77 JUN83	00626-90005 00626-90005	AUG83	00626-90006	8L	01	04	03	
			JUL77	REPL CAVITY-KLYSTRON ASSEMBLY	OCT78						
			MAR67	50 TO 400HZ AC LINE MODIFICATION							
			-	ILLUSTR PRTS IDENTIFICATION							
			-	SER 150 & DOWN.FAN MOTOR REPLACEMENT							
			APR71	WN SER 976-01471 & DOWN.IMPR SYNC & SYNC-OUT THYRATRON.SUPER 626A-4/628A-5							
			JAN73	WO SER 1210A01730 & DOWN.EXT SYNC MIN PULSE WIDTH							
			FEB73	WN SER 003 & DOWN.SELONIUM RECT REPL							
			JAN77	WO SER 1607A & DOWN.PULSE JITTER OR MISFIRE IMPROVEMENT							
			JAN78	WO SER BELOW 1741A.MOD-IMPROVE PULSE JITTER							
626XXJ		SERV NOTE SET BELOW			JAN81						

11/08/85 MODEL NUMBER	O C
64295A	SE
64300	SE 64
64300A	SE SE
64302A	SE SE
64303A	SE MA
64304A	SE MA
64310A	SE MA
6433A	OP
6433B	OP MA SE 64 64
6434B	OP MA SE 64 64 64
6438A	OP
6438B	OP MA SE 64 64 64
6439A	OP MA
6439B	OP MA SE 64 64 64

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 281
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
626XXJ		62605J-1 626XXJ-2 626XXJ-3A	AUG75 JAN76 JUN76	WO SER BELOW 1523A01314. MOD TO RED REPAIR COSTS MOD TO IMPR REL.SUPER 62605J-1 WO ALL SER.TRBLSHTG SWITCH FAILURES							
6260A		OPER & SERV MAN MAN CHANGE	FEB68 NOV69	06260-90001 06260-90001	MAR78	5951-6167	8L	01	21	02	
6260B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	MAR76 MAY82	5950-1766 5950-1766	APR83	5950-1942	8L	01	21	02	
					JUL82						

11/08/85 MODEL NUMBER	O C
6443A	OP
6443B	OP MA SE 64 64
6448B	OP

11/08/85 MODEL NUMBER		O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G	PAGE 281			
				*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
626XXJ	62605J-1 626XXJ-2 626XXJ-3A			AUG75	WO	SER BELOW 1523A01314.MOD TO RED REPAIR COSTS JAN76 WO MOD TO IMPR REL.SUPER 62605J-1 JUN76 WO ALL SER.TRBLSHTG SWITCH FAILURES						
6260A	OPER & SERV MAN MAN CHANGE			FEB68	06260-90001	MAR78	5951-6167	8L 01 21 02				
6260B	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6260B-1 6259B-3A/6260B-2A/ 6261B-2/6258B-2A/ 6269B-4 6259B-4A/6260B-3A/ 6261B-3A/6268B-3A/ 6269B-5 6259B-4/6260B-4/ 6261B-4/5157B-4/ 6269B-6 6259B-6/6260B-5/ 6261B-5/6268B-5/ 6269B-7			MAR76	5950-1766 MAY82 5950-1766	APR83	5950-1942	8L 01 21 02				
62605L	OPER & SERV MAN SERV NOTE SET BELOW 62605L-1/62605M-2 62605L-3/62605M-4 62605L-4/62605M-5/ 62615M-2			JUN75	5950-1756	JUL75	5950-1757	8L 01 21 01				
62605M	OPER & SERV MAN SERV NOTE SET BELOW 62605L-1/62605M-2 62605M-P98-1 62605L-3/62605M-4 62605L-4/62605M-5/ 62615M-2			JUN75	5950-1756	JUL75	5950-1757	8L 01 21 01				
6261B	OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6261B-1 6259B-3A/6260B-2A/ 6261B-2/6258B-2A/ 6269B-4 6259B-4A/6260B-3A/ 6261B-3A/6268B-3A/ 6269B-5 6259B-4/6260B-4/ 6261B-4/5157B-4/ 6269B-6 6259B-6/6260B-5/ 6269B-7			JUL70	06261-90001 MAR73 06261-90001 MAR76 5950-1766 MAY82 5950-1766	MAY73	06261-90002	01 21 02				

11/08/85 MODEL NUMBER		O C		
6443A		OPEI		
6443B		OPEI MAN SERV 642 643 644		
6448B		OPEI MAN SERV 642 643 644		
645XX		SERV 645 645 645 645 645 645 645 645 645 645 645		
6450A		OPEI MAN SERV 645 645 645		
64500A		SERV SERV SERV		
64500S		SERV MAN MAN SERV MAN		

11/08/85 MODEL NUMBER		O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G	PAGE 282			
				*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
6261B	6261B-5/6268B-5/ 6269B-7						OW;6268A:SER 2043A04901 & BELOW;6269B SER 2038A07021 & BELOW;TUNNEL ASSY INSUTATN STANDOFFS					
62615M	OPER & SERV MAN SERV NOTE SET BELOW 62605L-4/62605M-5/ 62615M-2 62615M-3			JUN75	5950-1756	JUL75	5950-1757	8L 01 21 01				
6263A	OPER & SERV MAN MAN CHANGE			OCT65	06263-90001	MAR78	5951-6168	8L 01 21 02				

11/08/85 MODEL NUMBER		O C		
64501A		SERV 6450		
64502A		SERV MAN		
64503A		SERV MAN		
64504A		SERV		

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***
6261B		6261B-5/6268B-5/ 6269B-7				OW;6268A:SER 2043A04901 & BELOW;6269B SER 2038A07021 & BELOW;TUNNEL ASSY INSUTATN STANDOFFS					
62615M		OPER & SERV MAN SERV NOTE SET BELOW 62605L-4/62605M-5/ 62615M-2 62615M-3	JUN75	5950-1756	JUL75	5950-1757	8L	01	21	01	
			DEC82	WO ALL SER.MOD TO IMPROV REL SUPERSEDES 62615M-1							
			SEP84	WN SER 2416A01604 & BELOW.A-1 CNTRL BD INSTALL							
6263A		OPER & SERV MAN MAN CHANGE	OCT65	06263-90001	MAR78	5951-6168	8L	01	21	02	
			JUL68	06263-90001							
6263A/B		SERV NOTE SET BELOW 6263A-1 6263B-1/6265B-1/ 6266B-1/6271B-2 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6266B-2/6267B-1/ 6271B-3 6256B-3/6263B-4/ 6264B-3/6266B-4/ 6267B-3/6274B-2 6263B-3/6265B-3/ 6266B-3/6271B-4			APR82						
			SEP64	FIELD ADJUSTMENTS							
			AUG69	WO 6263B SERIALS 220 & BELOW.MODIFICATION TO IMPROVE VOLTMETER ACCURACY							
			MAR70	WO 6263B SERIALS BELOW 310 .MODIFICATION TO IMPROVE PILOT LIGHT OPERATION							
			NOV81	WO ALL SER IMPROVE REL CHANGE IN RFI FILTER ASSY							
			MAY71	WO 6263B SER BELOW 00497.MOD TO IMPR PREREGULATOR REL & TO STOP FUSE BLOWING							
6263B		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	APR70	06263-90002	APR74	06263-90003*	01	21	02	USE 6263B FICHE 5951-1941	
			JAN76	5950-1765	APR83	5950-1941	8L	01	21	02	
			OCT82	5950-1765							
6264A		INSTRUCT & OPER MAN MAN CHANGE MAN CHANGE B	JAN00	06264-90001	OCT72	5951-6169	8L	01	21	02	
			FEB65	06264-90001							
			AUG67	06264-90001							
6264B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6265B-2/6267B-1/ 6271B-3 6256B-2/6264B-2/ 6267B-2/6274B-1 6256B-3/6264B-3/ 6267B-3/6274B-2 6256B-3/6263B-4/ 6264B-3/6266B-4/ 6267B-3/6274B-2	JAN76	5950-1765	APR83	5950-1941	8L	01	21	02	
			OCT82	5950-1765							
					APR82						
			MAR70	WO 6264B SERIALS 461 TO 490.MODIFICATION TO IMPROVE PILOT LIGHT OPERATION							
			DEC70	WO 6264B SERIALS 471 TO 700.MODIFICATION TO IMPROVE 208/230 VOLT RELIABILITY							
			MAY71	WO 6264B SERIALS 471 TO 715.MOD TO IMPROVE PREREGULATOR RELIABILITY & GENERAL UPDATING							
			NOV81	WO ALL SER IMPROVE REL CHANGE IN RFI FILTER ASSY							
6265A		OPER & SERV MAN MAN CHANGE	NOV66	06265-90001	MAR78	5951-6170	8L	01	21	02	
			MAR68	06265-90001							
6265B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JAN76	5950-1765	APR83	5950-1941	8L	01	21	02	
			OCT82	5950-1765							
					MAY78						

11/08/85
MODEL
NUMBER

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE
64501A		SERV 64501
64502A		SERV MAN C
64503A		SERV MAN C
64504A		SERV
64505A		SERV
64507A		SERV MAN C
64508A		SERV
64509A		SERV
64510A		SERV SERV INSTA
64510B		SERV
64513A		SERV
64514A		SERV MAN C
64515A		SERV MAN C
64515B		SERV
64515C		SERV SERV 64515
64517A		SERV
64520A		SERV
6453A		OPER MAN C SERV 6450A 6456 645 6453A 6459 6453A

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***
6265B		6263B-1/6265B-1/ 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6266B-2/6267B-1/ 6271B-3 6263B-3/6265B-3/ 6266B-3/6271B-4	AUG69	WO 6265B SER BELOW 190.MOD TO IMPR VOLTMETER ACCURACY							
			MAR70	WO 6265B SER BELOW 368.MOD TO IMPR PILOT LIGHT OPERATION							
			MAY71	WO 6265B SER BELOW 480.MOD TO IMPR PREREGULATOR REL & STOP FUSE BLOWING							
6266A		OPER & SERV MAN OPER & SERV MAN	OCT66	06266-90001	NOV70	06266-90005*	01	21	02	USE 6266A ALL SER FICHE 5951-6171	
			JAN00	06266-90001	JUN73	5951-6171	8L	01	21	06	
6266B		OPER & SERV MAN MAN CHANGE	JUL70	06266-90003	SEP75	06266-90004	8L	01	21	02	
			OCT73	06266-90003							

11/08/85
MODEL
NUMBER

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE
6455A		OPER
6456A		OPER MAN C
6456A/B		SERV 6450A- 6456 6455 6453A- 6459
6456R		OPER

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 283
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
6265B		6263B-1/6265B-1/ 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6266B-2/6267B-1/ 6271B-3 6263B-3/6265B-3/ 6266B-3/6271B-4	AUG69 MAR70	WO 6265B SER BELOW 190.MOD TO IMPR VOLT METER ACCURACY WO 6265B SER BELOW 368.MOD TO IMPR PILOT LIGHT OPERATION							
			MAY71	WO 6265B	SER BELOW 480.MOD TO IMPR PREREGULATOR REL & STOP FUSE BLOWING						
6266A		OPER & SERV MAN OPER & SERV MAN	OCT66 JAN00	06266-90001 06266-90001	NOV70 JUN73	06266-90005* 5951-6171	01 8L	21 01	02 21	02 06	USE 6266A ALL SER FICHE 5951-6171
6266B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6263B-1/6265B-1 6266B-1/6271B-2 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6266B-2/6267B-1/ 6271B-3 6263B-3/6265B-3/ 6266B-3/6271B-4 6256B-3/6263B-4/ 6264B-3/6266B-4/ 6267B-3/6274B-2	JUL70 OCT73 JAN76 OCT82	06266-90003 06266-90003 5950-1765 5950-1765	SEP75 APR83	06266-90004 5950-1941	8L	01	21	02 02	
			AUG69	WO 6266B	SER BELOW 200.MOD TO IMPR VOLT METER ACCURACY						
			MAR70	WO 6266B	SER BELOW 350.MOD TO IMPR PILOT LIGHT OPERATION						
			MAY71	WO 6266B	SER BELOW 550.MOD TO IMPR PREREGULATOR REL & STOP FUSE BLOWING						
			NOV81	WO ALL SER	IMPROVE REL CHANGE IN RFI FILTER ASSY						
6267A		MAN CHANGE	SEP67	06267-90001	MAR78	5951-6172	8L	01	21	02	
6267B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6266B-2/6267B-1/ 6271B-3 6256B-2/6264B-2/ 6267B-2/6274B-1 6256B-3/6264B-3/ 6267B-3/6274B-2 6256B-3/6263B-4/ 6264B-3/6266B-4/ 6267B-3/6274B-2	JAN00 SEP75 JAN76 OCT82	06267-90004 06267-90004 5950-1765 5950-1765	APR78 APR83	06267-90005 5950-1941	8L	01	21	02 02	SER PFX 9L & ABOVE
			MAR70	WO 6267B	SERIALS 541 TO 660.MODIFICATION TO IMPROVE PILOT LIGHT OPERATION						
			DEC70	WO 6267B	SERIALS 541 TO 780.MODIFICATION TO IMPROVE 208/230 VOLT RELIABILITY						
			MAY71	WO 6267B	SERIALS 301 TO 890.MODIFICATION TO IMPROVE PREREG RELIABILITY & GEN UPDATING						
			NOV81	WO ALL SER	IMPROVE REL CHANGE IN RFI FILTER ASSY						
6268A		OPER & SERV MAN MAN CHANGE	SEP66 NOV69	06268-90001 06268-90001	MAR78	5951-6173	8L	01	21	02	
6268B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	MAY70 OCT75 MAR76 MAY82	06268-90002 06268-90002 5950-1766 5950-1766	JAN85	06268-90003	8L	01	21	02	
					APR83	5950-1942	8L	01	21	02	
					JUL82						

11/08/85 MODEL NUMBER	O C	LIT
6455A		OPER &
6456A		OPER & MAN CHA
6456A/B		SERV NO 6450A-1 6456A- 6459A 6453A-2 6459A-
6456B		OPER & MAN CHA SERV NO 6253A-3 6459A- 6456B-4
6459A		OPER & MAN CHA SERV NO 6450A-1 6956A- 6253A-3 6459A- 6453A-2 6459A- 6459A-4
64601A		PRELIM SERV MA MAN CHA MAN CHA SERV NO 64601A- 64601A-
64601B		SERV NO 64601B-
64602A		PRELIM SERV MA MAN CHA MAN CHA SERV NO 64602A-
64604A		PRELIM SERV MA MAN CHA
64621A		PRELIM SERV MA MAN CHA

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 284
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
6268B		6268B-1 6259B-3A/6260B-2A/ 6261B-2/6268B-2A/ 6269B-4 6259B-4A/6260B-3A/ 6261B-3A/6268B-3A/ 6269B-5 6259B-4/6260B-4/ 6261B-4/5157B-4/ 6269B-6 6259B-6/6260B-5/ 6261B-5/6268B-5/ 6269B-7	JUN71 DEC80	WO SER BELOW 360.MOD TO IMPR PREREGULATOR RELIABILITY & GEN UPDATING WO SER 2034A04150 & BELOW.REC FAN REPL TO IMPROVE REL							
			MAR82	WO ALL SER.	IMPROVE REL CHANGE IN RFI FILTER ASSY						
			JAN82	WO 6259B:	SER 2035A01215 & BELOW;6260B:SER2031A2495 & BELOW;6261B:2034A01590 & BELO W;6268B:SER 2034A04150 & BELOW;6269B: SER 2033A05820 & BELOW;FAN CHANGE FOR IMPR RELIABILITY						
			JAN82	WO 6259B:	SER 2039A01366 & BELOW;6260B:SER 2035A02756 & BELOW;6261B:SER 2037A01831 & BEL OW;6268A:SER 2043A04901 & BELOW;6269B SER 2038A07021 & BELOW;TUNNEL ASSY INSUTATM STANDOFFS						
6269A		OPER & SERV MAN	MAR66	06269-90001	JUN75	06269-90004	8L	01	21	02	

11/08/85 MODEL NUMBER	O C	LIT
64621A		SERV NO 64621A-1 64621A-2 64621A-3
64622A		PRELIM SERV MA MAN CHA SERV NO 64622A-
64623A		PRELIM SERV MA MAN CHA SERV NO

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 284
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6268B		6268B-1 6259B-3A/6260B-2A/ 6261B-2/6268B-2A/ 6269B-4 6259B-4A/6260B-3A/ 6261B-3A/6268B-3A/ 6269B-5 6259B-4/6260B-4/ 6261B-4/5157B-4/ 6269B-6 6259B-6/6260B-5/ 6261B-5/6268B-5/ 6269B-7	JUN71 DEC80	WO SER BELOW 360.MOD TO IMPR PREREGULATOR RELIABILITY & GEN UPDATING WO SER 2034A04150 & BELOW.REC FAN REPL TO IMPROVE REL							
			MAR82	WO ALL SER.IMPROVE REL CHANGE IN RFI FILTER ASSY							
			JAN82	WO 6259B:SER 2035A01215 & BELOW;6260B:SER2031A2495 & BELOW;6261B:2034A01590 & BEL W;6268B:SER 2034A04150 & BELOW;6269B: SER 2033A05820 & BELOW;FAN CHANGE FOR IMPR RELIABILITY							
			JAN82	WO 6259B:SER 2039A01366 & BELOW;6260B:SER 2035A02756 & BELOW;6261B:SER 2037A01831 & BEL OW;6268A:SER 2043A04901 & BELOW;6269B SER 2038A07021 & BELOW;TUNNEL ASSY INSUTATN STANDOFFS							
6269A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	MAR66 NOV69	06269-90001 06269-90001	JUN75 APR81	06269-90004	8L	01	21	02	
6269B		OPER & SERV MAN MAN CHANGE MAN CHANGE SERV NOTE SET BELOW 6269B-1 6269B-2 6269B-3 6259B-4A/6260B-3A/ 6261B-3A/6268B-3A/ 6269B-5 5329B-4/6260B-4/ 6261B-4/5157B-4/ 6269B-6 6259B-6/6260B-5/ 6261B-5/6268B-5/ 6269B-7	JUL70 SEP75 MAY82	06269-90002 06269-90002 5950-1766	DEC75 APR83	06269-90003	8L	01	21	02	
			JUN71	WO SER BELOW 255.MOD TO IMPR PREREGULATOR RELIABILITY & GEN UPDATING							
			JUN72	SER BELOW 1027A00430.MOD TO IMPR CROWBAR OPER & GEN REL							
			MAR75	WO SER BELOW 1513A01511 & 1143600430.MOD TO IMPR REL IN SEVERE ENVIRONMENTS							
			MAR82	WO ALL SER.IMPROVE REL CHANGE IN RFI FILTER ASSY							
			JAN82	WO 6259B:SER 2035A01215 & BELOW;6260B:SER2031A2495 & BELOW;6261B:2034A01590 & BEL W;6268B:SER 2034A04150 & BELOW;6269B: SER 2033A05820 & BELOW;FAN CHANGE FOR RELIABILITY							
			JAN82	WO 6259B:SER 2039A01386 & BELOW;6260B:SER 2035A02756 & BELOW;6261B:SER 2037A01831 & BEL OW;6268A:SER 2043A04901 & BELOW;6269B SER 2038A07021 & BELOW;TUNNEL ASSY INSUTATN STANKOFFS							
62698		OPER & SERV MAN	MAR76	5950-1766	APR83	5950-1942	8L	01	21	02	
6271A		OPER & SERV MAN MAN CHANGE	AUG66 SEP68	06271-90001 06271-90001	MAR78	5951-6175	8L	01	21	02	
6271B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6271B 6263B-1/6265B-1/ 6266B-1/6271B-2 6256B-1/6263B-2/ 6264B-1/6265B-2/ 6266B-2/6267B-1/ 6271B-3 6263B-3/6265B-3/ 6266B-3/6271B-4	APR70 MAY74 JAN76 OCT82	06271-90002 06271-90002 5950-1765 5950-1765	DEC75 APR83	06271-90003	8L	01	21	02	
			APR69	WO SER BELOW 130.MOD TO TRANSISTOR Q3							
			AUG69	WO 6271B SER BELOW 190.MOD TO IMPR VOLTMETER ACCURACY							
			MAR70	WO 6271B SER BELOW 220.MOD TO IMPR PILOT LIGHT OPERATION							
			MAY71	WO 6271B SER BELOW 295.MOD TO IMPR PREGULATOR REL & PREVENT FUSE BLOWING							

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE
64621A		SERV NOTE 64621A-1 64621A-2 64621A-3
64622A		PRELIM SE SERV MAN MAN CHANG SERV NOTE 64622A-1
64623A		PRELIM SE SERV MAN MAN CHANG SERV NOTE 64623A-1
6463A		OPER & SE MAN CHANG SERV NOTE SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5
64635A		SERV MAN MAN CHANG
64636A		SERV MAN MAN CHANG
6464		SERV NOTE SCR-10-1 SCR-10-2 SCR 10-3 SCR-10-5
6464A		OPER & SE MAN CHANG
6464C		OPER & SE MAN CHANG
6465		SERV NOTE SCR-10-1 SCR-10-2 SCR 10-3 SCR-10-5
64650A		PRELIM SE SERV MAN SERV MAN SERV MAN MAN CHANG SERV NOTE

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 285
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6274A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6274A-1 6274A-2	MAR66 JUN70	06274-90001 06274-90001	MAR78	5951-6248	8L	01	21	02	
			OCT69	WN SER BELOW 01200.MOD TO STOP FALSE CROWBAR ACTION							
			JUL70	WO SER BELOW 6L1470.MOD TO IMPR LOOP GAIN STABILITY							
6274B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6256B-2/6264B-2/ 6267B-2/6274B-1 6256B-3/6264B-3/ 6267B-3/6274B-2 6256B-3/6263B-4/ 6267B-3/6274B-2	SEP70 OCT75 JAN76 OCT82	06274-90002 06274-90002 5950-1765 5950-1765	JAN85 APR83	06274-90003	8L	01	21	02	
			DEC70	WO SER 00101 TO 00150.MOD TO IMPR 208/230 VOLT RELIABILITY							
			MAY71	WO SER BELOW 00240.MOD TO IMPR PREREGULATOR REL & STOP FUSE BLOWING							
			NOV81	WO ALL SER IMPROVE REL CHANGE IN RFI FILTER ASSY							

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE
64650A		64650A-1
64653A		SERV MAN MAN CHANG SERV NOTE 64653A-1
64655A		PRELIM SE SERV BRIEF
64657A		SERV MAN
64658A		SERV BRIEF SERV NOTE 64658A-1 64658A-2

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

6274A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6274A-1 6274A-2	MAR66 JUN70 OCT69 JUL70	06274-90001 06274-90001	MAR78 MAY78	5071-6148 8L 01 21 02		
6274B	OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6256B-2/6264B-2/ 6267B-2/6274B-1 6256B-3/6264B-3/ 6267B-3/6274B-2 6256B-3/6263B-4/ 6264B-3/6266B-4/ 6267B-3/6274B-2	SEP70 OCT75 JAN76 OCT82 DEC70 MAY71 NOV81	06274-90002 06274-90002 5950-1765 5950-1765	JAN85 APR83 APR82	06274-90003 5950-1941 8L 01 21 02		
628A	OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 628A-1 628A-2C 628A-3A 628A-4 626A-5/628A-6 628A-6 628A-7 628A-8A	JAN70 MAR83 JUL66 FEB70 APR71 FEB73 JAN73 JAN77	00628-90004 00628-90010	MAY82 JUN83 MAY78	00628-90005* 00628-90011 8L 01 04 02 8L 01 04 02	USE 628A FICHE 00628-90011	
6281A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6281A-1	SEP66 NOV82 JUN81	06281-90001 06281-90001	FEB83 JUL81	06281-90002 8L 01 21 01		
6282A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6282A-1/6285A-1/ 6286A-1 6282A-2 6282A-3	JUL66 MAR84 OCT69 JUN72 OCT78	06282-90001 06282-90001	JAN85 APR79	06282-90002 8L 01 21 02		
6284A	OPER & SERV MAN MAN CHANGE	JUN87 NOV82	06284-90002 06284-90002	FEB83	06284-90004 8L 01 21 01		
6285A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6282A-1/6285A-1/ 6286A-1	SEP66 NOV77 OCT69	06285-90001 06285-90001	NOV84 APR79	06285-90002 8L 01 21 02		
6286A	OPER & SERV MAN MAN CHANGE	DEC66 SEP82	06286-90001 06286-90001	FEB83	06286-90002 8L 01 21 02		

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64650A	64650A-1
64653A	SERV MAN MAN CHANGE SERV NOTE S 64653A-1
64655A	PRELIM SERV SERV BRIEF
64657A	SERV MAN
64658A	SERV BRIEF SERV NOTE S 64658A-1 64658A-2
6466	SERV NOTE S SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5
6466A	OPER & SERV
6466C	OPER & SERV MAN CHANGE
6467	SERV NOTE S SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5
64670A	SERV MAN SERV NOTE S 64670A-1
64671A	SERV BRIEF MAN CHANGE
64672A	SERV BRIEF MAN CHANGE SERV NOTE S 64672A-2
64672B	SERV MAN
64673A	SERV MAN
6468	SERV NOTE S SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5

6286A

DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***
6286A		SERV NOTE SET BELOW 6282A-1/6285A-1/ 6286A-1 6286A-2 6286A-3	OCT69	WN 6282A	APR79	8B1507					MOD TO CORRECT ERRATIC LOW-LINE SCR FAILURES	
			JUN72	WC SER 1261 & BELOW							REPLACEMENT PART FOR SCR PREREGULATOR	
			OCT78	WO SER 1744A03991 & BELOW							REC MOD TO REPLACE ZENER DIODE 1902-0763.	
6289A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	SEP66	06289-90001	JAN85	06289-90003	8L	01	21	01		
			JUN67	06289-90002	FEB83	06289-90004	8L	01	21	01		
			NOV82	06289-90002								
6290A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6290A-1/6291A-1/ 6296A-1	NOV66	06290-90001	JUL84	06290-90002	8L	01	21	02		
			MAY77	06290-90001	APR79							
			OCT69	WN 6290A		8A1516					MOD TO CORRECT ERRATIC LOW-LINE SCR FAILURES	
6291A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6290A-1/6291A-1/ 6296A-1/ 6291A-2	JUL66	06291-90001	FEB83	06291-90002	8L	01	21	02		
			OCT82	06291-90001	APR79							
			OCT69	WN 6291A		7M1161					MOD TO CORRECT ERRATIC LOW-LINE SCR FAILURES	
			OCT78	WO SER 1810A04422 & BELOW							REC MOD TO REPLACE ZENER DIODE 1902-0763.	
6294A		OPER & SERV MAN SERV NOTE SET BELOW 6294A-1	SEP68	06294-90002	FEB83	06294-90003	8L	01	21	01		
					APR79							
			SEP68	WO SER BELOW		7L0690					MOD TO IMPR REL	
6296A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6290A-1/6291A-1/ 6296A-1 6296A-3	DEC66	06296-90001	FEB83	06296-90002	8L	01	21	02		
			SEP82	06296-90001	APR79							
			OCT69	WN 6296A		7M0613					MOD TO CORRECT ERRATIC LOW LINE SCR FAILURES	
			OCT78	WO SER 1816A03146 & BELOW							REC MOD TO REPLACE ZENER DIODE 1902-0763.	
6296B		SERV NOTE SET BELOW 6296B-2	-		APR79							
				SER BELOW		00430					MOD TO IMPR CROWBAR OPER & GEN REL. NOT AVAILABLE	
6299A		OPER & SERV MAN	SEP66	06299-90001	FEB83	06299-90002	8L	01	21	01		
63005C		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 63005C-1/63315D-1 63005C-2/63315D-2 63005C-3/63315D-3	AUG75	5950-1738	SEP75	5950-1752	* 8L	01	21	02	USE 63005C FICHE 5950-1830	
			APR76	5950-1774	DEC78	5950-1830	8L	01	21	02		
			APR78	5950-1774	JAN80							
			OCT77	WO SER BELOW		1620A00649					MOD WHEN REPL A1CR1 & A1CR2	
			MAR78	WO SER BELOW		1806A01040					MOD TO REDUCE SUSCEPTBLTY TO PWR LINE NOISE & BRIEF INTERUPTNS	
			AUG79	WO SER 1919A02434 & BELOW							MOD TO IMPROVE STABILITY BELOW 5 C	
63005E		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 63005E-1/63315E-1	JAN82	5950-1865	APR83	5950-1866	8L	01	21	01		
			NOV82	5950-1865	APR83							
			NOV82	WN ALL SER.							TYPOGRAPHIC ERROR CORREC	
63312F		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	AUG78	63312-90003	APR83	63312-90004	8L	01	21	01		
			JUL82	63312-90003	JUL84							

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***
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6474

63005E	SERV NOTE SET BELOW	OCT77	WO SER BELOW	JAN80 1620A00649.MOD	WHEN REPL	A1CR1 & A1CR2						
	63005C-1/63315D-1	MAR78	WO SER BELOW	1806A01040.MOD	TO REDUCE	SUSCEPTBLTY TO PWR LINE NOISE & BRIEF INTERUPTNS						
	63005C-2/63315D-2	AUG79	WO SER	1919A02434 & BELOW.MOD	TO IMPROVE	STABILITY BELOW 5 C						
	63005C-3/63315D-3											
63005E	OPER & SERV MAN	JAN82	5950-1865	APR83	5950-1866	8L 01 21 01						
	MAN CHANGE	NOV82	5950-1865									
	SERV NOTE SET BELOW											
63312F	63005E-1/63315E-1	NOV82	WN ALL SER.TYPOGRAPHIC ERROR CORREC	APR83								
	OPER & SERV MAN	AUG78	63312-90003	APR83	63312-90004	8L 01 21 01						
	MAN CHANGE	JUL82	63312-90003									
				SERV NOTE SET BELOW		JUL84						

6472C
6473
6474

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NUMBER	C	TYPE	DATE	NUMBER	DATE	NUMBER	L	T	V	G			
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***													
63312F		63312F-998-1 63312F-3/63312F P02 /63901-1 CONT'D	FEB84	WO SER 2414A11959 & BELOW.REC REPL COOLING FAN	JAN83	WO 63312F:SER 2222A10653 & BELOW;63312F P02:SER 2145A05389 & BELOW;63901F:SER 2218A00965 & BELOW.MOD TO PREV PULSE -WIDTH ASYMMETRY CREAT BY CURRENT COMPARATOR OFFSET VOLTAGE							
63312F P02		SERV NOTE SET BELOW 63312F-3/63312F P02 /63901-1 CONT'D	JAN83	WO 63312F:SER 2222A10653 & BELOW;63312F P02:SER 2145A05389 & BELOW;63901F:SER 2218A00965 & BELOW.MOD TO PREV PULSE -WIDTH ASYMMETRY CREAT BY CURRENT COMPARATOR OFFSET VOLTAGE	APR83								
63315D		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 63005C-1/63315D-1 63005C-2/63315D-2 63005C-3/63315D-3	AUG75	5950-1738	SEP75	5950-1752	* 8L 01 21 02	USE	63315D FICHE 5950-1830				
				APR76	5950-1774	DEC78	5950-1830						
				APR78	5950-1774								
				JAN80									
				OCT77	WO SER BELOW	1633A00553.MOD	WHEN REPL	A1CR1 & A1CR2					
				MAR78	WO SER BELOW	1804A00674.MOD	TO REDUCE	SUSCEPTBLTY TO PWR LINE NOISE & BRIEF INTERUPTNS					
				AUG79	WO SER	1919A02434 & BELOW.MOD	TO IMPROVE	STABILITY BELOW 5 C					
63315E		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 63005E-1/63315E-1 63315E-1	JAN82	5950-1865	APR83	5950-1866	8L 01 21 01						
				NOV82	5950-1865								
				JUL84									
				NOV82	WN ALL SER.TYPOGRAPHIC ERROR CORREC								
				FEB84	WO SER	2311A00705 & BELOW.MOD	TO PREV	HIGH FREQ OSCIL					
63330F		OPER & SERV MAN MAN CHANGE	APR82	5950-1877	APR83	5950-1878	8L 01 21 02						
				OCT82	5950-1877								
63331F		OPER & SERV MAN MAN CHANGE	APR82	5950-1877	APR83	5950-1878	8L 01 21 02						
				OCT82	5950-1877								
63340F		OPER & SERV MAN MAN CHANGE	APR82	5950-1877	APR83	5950-1878	8L 01 21 02						
				OCT82	5950-1877								
63341F		OPER & SERV MAN MAN CHANGE	APR82	5950-1877	APR83	5950-1878	8L 01 21 02						
				OCT82	5950-1877								
63350F		OPER & SERV MAN MAN CHANGE	APR82	5950-1877	APR83	5950-1878	8L 01 21 02						
				OCT82	5950-1877								
6343A		OPER & SERV MAN	JAN00	06343-90001	OCT72	5951-6176	8L 01 21 01						
6344A		OPER & SERV MAN MAN CHANGE	JAN66	06344-90001	JAN78	5951-6177	8L 01 21 02						
				FEB69	06344-90001								
6345A		OPER & SERV MAN	FEB66	06345-90001	MAR78	5951-6178	8L 01 21 01						
6346A		OPER & SERV MAN MAN CHANGE	FEB67	06346-90001	MAR78	5951-6179	8L 01 21 01						
				AUG69	06346-90001								
6347A		OPER & SERV MAN MAN CHANGE	MAR66	06347-90001	NOV70	06347-90002	01 21 02						
				MAR68	06347-90001								
6348A		OPER & SERV MAN	JAN66	06348-90001	OCT72	5951-6181	8L 01 21 01						
6354A		OPER & SERV MAN	AUG68	06354-90001	MAR78	5951-6182	8L 01 21 01						

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6475
6475A
6475C
6476
6477

6477A
6477C
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6479C
6480

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NUMBER	C	TYPE	DATE	NUMBER	DATE	NUMBER	L	T	V	G			
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NUM

6345A	OPER & SERV MAN	FEB66 06345-90001	MAR78 5951-6178	8L 01 21 01
6346A	OPER & SERV MAN MAN CHANGE	FEB67 06346-90001 AUG69 06346-90001	MAR78 5951-6179	8L 01 21 01
6347A	OPER & SERV MAN MAN CHANGE	MAR66 06347-90001 MAR68 06347-90001	NOV70 06347-90002	01 21 02
6348A	OPER & SERV MAN	JAN66 06348-90001	OCT72 5951-6181	8L 01 21 01
6354A	OPER & SERV MAN	AUG68 06354-90001	MAR78 5951-6182	8L 01 21 01

6479A
6479C
6480

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*** DESCRIPTION ***											
6357A		OPER & SERV MAN MAN CHANGE A MAN CHANGE B MAN CHANGE C	NOV66 AUG68 JAN00 MAR68	06357-90001 06357-90001 06357-90001 06357-90001	NOV72	5951-6183	8L	01	21	02	
6363A		OPER & SERV MAN	AUG66	06363-90001	JUL81	5951-6184	8L	01	21	01	
6364A		INSTRUCT & OPER MAN MAN CHANGE	JAN00 JAN00	06364-90001 06364-90001	OCT72	5951-6185	8L	01	21	02	
6365A		INSTRUCT & OPER MAN MAN CHANGE	JAN00 APR65	06365-90001 06365-90001	OCT72	5951-6186	8L	01	21	02	
6366A		OPER & SERV MAN	APR66	06366-90001	APR81	06366-90002	8L	01	21	01	
6367A		INSTRUCT & OPER MAN MAN CHANGE	JAN00 JAN00	06367-90001 06367-90001	MAR78	5951-6188	8L	01	21	01	
6371A		INSTRUCT & OPER MAN	JAN00	06371-90001	OCT72	5951-6189	8L	01	21	01	
6385A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6385A-1	JAN68 OCT68 AUG68	06385-90001 06385-90001 WO SER BELOW 7K0250	MAR78	5951-6258	8L	01	21	02	
6386A		OPER & SERV MAN MAN CHANGE A MAN CHANGE B MAN CHANGE C MAN CHANGE D	JAN68 APR68 MAY68 OCT68 NOV68	06386-90001 06386-90001 06386-90001 06386-90001 06386-90001	OCT72	5951-6190	8L	01	21	02	
6387A		OPER & SERV MAN MAN CHANGE	JAN68 FEB69	06387-90001 06387-90001	MAR78	5951-6191	8L	01	21	02	
6388A		OPER & SERV MAN MAN CHANGE	JAN68 SEP68	06388-90001 06388-90001	OCT72	5951-6192	8L	01	21	02	
63901F		SERV NOTE SET BELOW 63312F-3/63312F P02 /63901-1 CONT'D	JAN83	WO 63312F:SER 222A10653 & BELOW;63312F P02:SER 2145A05389 & BELOW;63901F:SER 2218A00965 & BELOW.MOD TO PREV PULSE -WIDTH ASYMMETRY CREAT BY CURRENT COMPARATOR OFFSET VOLTAGE	APR83						
64000		SERV MAN SYST OVERVIEW MAN SERV NOTE SET BELOW 64000-01 64000-2 64001S/006-0 64001S/006-1 64001S/010-0 64001S/010-1 64001S/010-2 64001S/010-3 64001S/020-0	FEB81 SEP80 APR85 SEP81 FEB81 FEB81 FEB81 FEB81 FEB81 FEB81 FEB81	64001-90901 64980-90903 WN SERVICE NOTE INDEX WN FIRMWARE/SOFTWARE/DISC COMPATIBILITY WN SERV NOTE LIST FOR 7906 DISC DRIVE WA SER 2018 & BELOW.REC PART REPL TO PREVENT PWR SW FAILURES WN SERV NOTE LIST FOR 7910 FIXED DISC DRIVE WA REPL DC PWR CABLE ON 7910H FIXED DISC DRIVE TO IMPROVE PERF WN INSTR FOR PROPER GRNDG OF 7910 SPINDLE TO PREVENT NOISY FIXED DISC DRIVE MECH WN PROM REPL SET ALLOWS RECOVERY OF INACCESSABLE TRACKS ON 7910 FIXED DISC DRIVE WN SERV NOTE LIST FOR 7920 DISC DRIVE	JUN81 FEB81 OCT85	64001-90801 64980-90803*	8L	01	D2	03	USE 64980A FICHE 64980-90812

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6480
6481
6482
6483
6483B
6483C
64841A
64842A
64844A
64846A
64848A
64930A
64932A
64934A
64934B
64940A

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SERV NOTE SET BELOW
 64000-01 APR85 WN SERVICE NOTE INDEX OCT85
 64000-2 SEP81 WN FIRMWARE/SOFTWARE/DISC COMPATIBILITY
 64001S/006-0 FEB81 WN SERV NOTE LIST FOR 7906 DISC DRIVE
 64001S/006-1 FEB81 WA SER 2018 & BELOW.REC PART REPL TO PREVENT PWR SW FAILURES
 64001S/010-0 FEB81 WN SERV NOTE LIST FOR 7910 FIXED DISC DRIVE
 64001S/010-1 FEB81 WA REPL DC PWR CABLE ON 7910H FIXED DISC DRIVE TO IMPROVE PERF
 64001S/010-2 FEB81 WN INSTR FOR PROPER GRNDG OF 7910 SPINDLE TO PREVENT NOISY FIXED DISC DRIVE MECH
 64001S/010-3 FEB81 WN PROM REPL SET ALLOWS RECOVERY OF INACCESSABLE TRACKS ON 7910 FIXED DISC DRIVE
 64001S/020-0 FEB81 WN SERV NOTE LIST FOR 7920 DISC DRIVE

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64934B
64940A

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64000 64001S/020-1 FEB81 WA SER 2018 & BELOW.REC PART REPL TO PREVENT PWR SW FAILURES
 64001S/025-0 FEB81 WN SERV NOTE LIST FOR 7925 DISC DRIVE
 64001S/025-1 FEB81 WA SER 2018 & BELOW.REC PART REPL TO PREVENT PWR SW FAILURES
 64032A SERV MAN NOV81 64032-90901 JUL84 64032-90801 8L 01 D2 01
 MAN CHANGE - A APR84 64032-90901
 64050A SERV MAN JUL82 64050-90901 MAY84 64050-90801 8L 01 D2 02
 MAN CHANGE - A FEB83 64050-90901
 MAN CHANGE - B MAR84 64050-90901
 64100A SERV MAN NOV80 64100-90904 JUL81 64100-90804* 8L 01 08 05 USE 64100A FICHE 64100-90805
 SERV MAN MAY81 64100-90905 AUG81 64100-90805* 8L 01 08 05 USE 64100A FICHE 64100-90806
 SERV MAN NOV81 64100-90906 DEC81 64100-90906* 8L 01 08 06 USE 64100A FICHE 64100-90807
 SERV MAN JAN82 64100-90907 JAN83 64100-90807* 8L 01 08 06 USE 64100A FICHE 64100-90810
 SERV MAN DEC83 64100-90910 JUL84 64100-90810 8L 01 D2 08
 MAN CHANGE - A APR84 64100-90910
 SERV NOTE SET BELOW JUL85
 64100A-1 OCT80 WN SER 1924A00152 & BELOW.REC REPL FIRMWARE ROMS
 64100A-2 OCT80 WN SER 1924A00152 TO 2033A00932.REC REPL FIRMWARE ROMS
 64100-3 MAR81 WA SER 2033A01402 & BELOW.REC REPL USART 8251A TO IMPR PERF ON RS232
 64100A-4 AUG81 WN MOD TO PREVENT DAMAGING FLYBACK XFORMER & OTHERWISE INCR REL
 64100A-5 NOV81 WN SER 2149 & ABOVE,PWR SUPPLY LABEL CORRECTIONS
 64100A-6 NOV81 WA SER 2136 & BELOW.MOD TO PREVENT DISPLAY DRIVER FAILURES
 64100A-7 DEC81 WN SER 2149 & BELOW.CPU/ROM SIGNATURE ANALYSIS TABLES ACCORDING TO U25 & U27
 64100A-8 MAR82 WN SER 2136A & BELOW;2134G & BELOW.400 WATT PWR SUPPLY UPGRADE
 64100A-9 MAR82 WA SER 2149A02236 THRU 2149A02436.REC FAN REPL TO IMPROVE REL
 64100A-10 JUN82 WA SER 2149A TO 2212A & 2150G.WAVY DSPLY CAUSED BY RIPPLE ON +12V SUPPLY
 64100A-12 JUL82 WA SER 2149A02177 TO 2212A03000.UNSPECIFIC INTERMITTENT PROB
 64100-13 AUG82 WN ALL SER.WASH WITH HARSH SOAP OR SOLVENT THE WATER BASE PAINT IS REMOVED
 64100A-14 NOV84 WA SER 2210A THRU 2336A, ALL 64100-66524 & 69524 REAR PAN BD.MOD TO PREV INTERM SYS BUS
 CONT'D FAIL
 64100A-15 APR85 WA SER VARIOUS.MISLOAD JUMPER CAUSES PROM PROGRAM SOFTKEY TO NOT APPEAR
 64110A PRELIM SERV MAN MAR82 64110-90901 MAY82 64110-90801* 8L 01 08 07 USE 64110A FICHE 64110-90804
 SERV MAN JUL82 64110-90902 OCT82 64110-90803 8L 01 D2 01
 SERV MAN AUG82 64110-90904 JAN83 64110-90804* 8L 01 08 07 USE 64110A FICHE 64110-90805
 SERV MAN FEB83 64110-90905 JUN83 64110-90805* 8L 01 D2 08 USE 64110A FICHE 64110-90806
 SERV MAN JUL83 64110-90906 MAR84 64110-90806* 8L 01 D2 08 USE 64110A FICHE 64110-90807
 SERV MAN DEC83 64110-90907 AUG84 64110-90807 8L 01 D2 08
 MAN CHANGE - A MAR84 64110-90907
 MAN CHANGE - B APR84 64110-90907
 SERV NOTE SET BELOW JUL85
 64110A-1A JUN82 WN ALL SER.CORRECT PROCD WHEN BOOTING FROM FLEXILBE DIS
 64110A-2 OCT82 WN ALL SER.INCORREC PWR SUPPLY FAIL LED INDICATION
 64110A-3 OCT82 WO ALL SER.LOW LINE TRIP ADJ
 64110A-4 OCT82 WA SER 2225A00293 & BELOW.OVERPWR SHUTDOWN
 64110A-5 AUG82 WN ALL SER.WASH WITH HARSH SOAP OR SOLVENT THE WATER BASE PAINT IS REMOVED
 64110A-6 DEC82 WN SER 2225A00231 THRU 2240A0050.MOD TO PREV REOCCURANCE OF SLIGHT BLUR OF CRT SCREEN
 CONT'D & POSS DAMAGE TO CR16 OR CR17
 64110A-7 NOV83 WN SER 2326A & 2328A.MOD BEFORE USING SA LOOP K IN TRBLSHTNG
 64110A-8 DEC84 WN ALL SER.CHNG OF VENDOR ON FLOPPY DISC DRIVE UNIT
 64110A-9 MAR85 WA SER SEE NOTE.DISPLAY INTENSITY PROB FIXED BY RESIST CHNG
 64151A SERV MAN JAN81 64150-90903 JUL81 64150-90803* 8L 01 08 01 USE 64151A FICHE 64151-90801

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64940A

64941A

64980A

650A

651A

651B

6515A

6516A

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64151A SERV MAN MAY82 64151-90901 JUL82 64151-90801 8L 01 D2 02
 SERV NOTE SET BELOW

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64110A-4
64110A-5
64110A-6
CONT'D
64110A-7
64110A-8
64110A-9

OCT82 WA SER 2225A00293 & BELOW.OVERPWR SHUTDOWN
AUG82 WN ALL SER.WASH WITH HARSH SOAP OR SOLVENT THE WATER BASE PAINT IS REMOVED
DEC82 WN SER 2225A00231 THRU 2240A0050.MOD TO PREV REOCCURANCE OF SLIGHT BLUR OF CRT SCREEN
& POSS DAMAGE TO CR16 OR CR17
NOV83 WN SER 2326A & 2328A.MOD BEFORE USING SA LOOP K IN TRBLSHTNG
DEC84 WN ALL SER.CHNG OF VENDOR ON FLOPPY DISC DRIVE UNIT
MAR85 WA SER SEE NOTE.DISPLAY INTERSITY PROB FIXED BY RESIST CHNG

64151A

SERV MAN

JAN81 64150-90903 JUL81 64150-90803* 8L 01 08 01 USE 64151A FICHE 64151-90801

6515A

6516A

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L T V G

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64151A

SERV MAN
SERV NOTE SET BELOW
64151A-1A
64151A-2
CONT'D
64151A-3
CONT'D
64151A-4

MAY82 64151-90901 JUL82 64151-90801 8L 01 D2 02
JUL83

NOV80 WA SER 1924A & BELOW,REV C & REV D BDS. MOD TO PREVENT INCORR STIMULATED I/O MODE
NOV80 WA SER 1924A,REV F BDS.MOD TO PREVENT INCORRECT SAMPLING OF CONTROL & STATUS DATA IN
THE SIMULATED I/O MODE
MAY81 WA 64151-66501 BDS W REPAIR NO 1924A00900 & BELOW.MOD TO PREVENT INCORRECT DATA DISPLAY
DURING "LOGIC ANALYSIS TRACE" MODE
FEB83 WN ALL BD NUM.MOD TO ALLOW WRITES TO ROM WITHOUT GENERAT A BREAK

64152A

SERV MAN
MAN CHANGE

JAN81 64152-90903 APR82 64152-90803 8L 01 D2 01
MAY81 64152-90903

64152B

SERV MAN

SEP82 64152-90904 DEC82 64152-90804 8L 01 D2 02

64153A

SERV MAN
MAN CHANGE

JAN81 64152-90903 APR82 64152-90803 8L 01 D2 01
MAY81 64152-90903

64153B

SERV MAN

SEP82 64152-90904 DEC82 64152-90804 8L 01 D2 02

64154A

SERV MAN
MAN CHANGE

JAN81 64152-90903 APR82 64152-90803 8L 01 D2 01
MAY81 64152-90903

64154B

SERV MAN

SEP82 64152-90904 DEC82 64152-90804 8L 01 D2 02

64155A

SERV MAN
MAN CHANGE
SERV NOTE SET BELOW
64155A-1

JUN81 64155-90901 MAR84 64155-90801 8L 01 D2 02
JAN84 64155-90901

JAN83
JUL82 WN BD P/N 64155-66501.MOD TO ALLOW ADDRESS OF 2 MEGABYTES OF EMULATION MEMORY

64161A

SERV MAN
MAN CHANGE - A

JAN84 64161-90901 SEP84 64161-90801 8L 01 D2 02
MAY84 64161-90901

64162A

SERV MAN
MAN CHANGE - A

JAN84 64161-90901 SEP84 64161-90801 8L 01 D2 02
MAY84 64161-90901

64163A

SERV MAN
MAN CHANGE - A

JAN84 64161-90901 SEP84 64161-90801 8L 01 D2 02
MAY84 64161-90901

64191A

SERV MAN
MAN CHANGE - A
SERV NOTE SET BELOW
64191A-1

JAN83 64191-90901 AUG84 64191-90801 8L 01 D2 02
JAN84 64191-90901

JUL84
FEB84 WA ALL 64192-6650 BD.TARGET I/O.DRIVE PROB R/U & P PODS

64192A

SERV MAN

FEB83 64192-90901 MAY83 64192-90801 8L 01 D2 02

64193A

SERV MAN

MAR83 64193-90901 JUN83 64193-90801 8L 01 D2 02

64201A

SERV MAN
SERV MAN
SERV NOTE SET BELOW
64201A-1

SEP79 64200-90904 JUN81 64200-90804* 8L 01 D2 01 USE 64201A FICHE 64200-90809
JUL83 64200-90909 AUG83 64200-90800 8L 01 D2 02
APR81

CCT80 WA CONTROL BD REPAIR NOS 2008 THRU 2033.MOD SO BD WILL RECOG 8080 ILLEGAL OP CODES

64202A

SERV MAN
SERV MAN
MAN CHANGE - A

SEP79 64202-90901 SEP81 64202-90801* 8L 01 08 01 USE 64202A FICHE 64202-90802
SEP81 64202-90902 NOV83 64202-90802 8L 01 D2 02
AUG83 64202-90902

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64202A

SERV NOTE SET BELOW
64202A-1
CONTD

JAN83
JUN80 WN CONTROL BD REPAIR # 2008A00300 & BELOW.POD ALL REPAIR #.MOD TO IMPR PERF OF USER'S
READY SIGNAL OVERRIDE

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	SERV MAN	JUL83 64200-90904	JUN81 64200-90804* 8L 01 D2 01 USE 64201A FICHE 64200-90809
	SERV MAN		AUG83 64200-90800* 8L 01 D2 02
	SERV NOTE SET BELOW		APR81
	64201A-1	OCT80 WA CONTROL BD REPAIR NOS 2008 THRU 2033.MOD SO BD WILL RECOG 8080 ILLEGAL OP CODES	
64202A	SERV MAN	SEP79 64202-90901	SEP81 64202-90801* 8L 01 08 01 USE 64202A FICHE 64202-90802
	SERV MAN	SEP81 64202-90902	NOV83 64202-90802 8L 01 D2 02
	MAN CHANGE - A	AUG83 64202-90902	

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
64202A		SERV NOTE SET BELOW 64202A-1 CONTD 64202A-2 64202A-3B CONT'D			JAN83						
			JUN80	WN CONTROL BD REPAIR # 2008A00300 & BELOW.POD ALL REPAIR #.MOD TO IMPR PERF OF USER'S READY SIGNAL OVERRIDE							
			JUN80	WN POD ALL REPAIR #.MOD TO PROVIDE USER'S READY SIGNAL INPUT SYNCHRONIZATION							
			OCT82	WA 8080 EMULATOR SUBS POD REPAIR NOS 2013A & BELOW.MOD TO PREVENT USER WAIT STATE FAILURES							
64203A		SERV MAN SERV MAN MAN CHANGE - A MAN CHANGE - B MAN CHANGE - C SERV NOTE SET BELOW 64203A-1 64203A-2	AUG81 MAY82 OCT82 SEP83 NOV83	64203-90901 64203-90902 64203-90902 64203-90902 64203-90902	JUL82 MAR84	64203-90801* 64203-90802	8L 8L	01 01	08 D2	01 03	USE 64203A FICHE 64203-90802
		64203A-3A 64203A-4 64203A-5 64203A-6 64203A-7 64203A-8			OCT84						
			JUN80	WA CONTROL BD REPAIR # 2008A00300 & BELOW.MOD TO PREVENT ILLEGAL OPCODE CONDITION							
			JUN80	WN CONTROL BD REPAIR # 2008A00300 & BELOW.POD REPAIR # 2017A & BELOW.MOD TO IMPROVE PERF OF USER'S READY SIGNAL OVERRIDE							
			AUG80	WN POD REPAIR # 2017A & BELOW.MOD TO DISABLE IMPROPER HLDA SIGNAL							
			JUN80	WN POD REPAIR # 2017A & BELOW.MOD TO PROVIDE USER'S READY SIG INPUT SYNC							
			SEP80	WA MOD TO PREVENT RANDOM WRITE AFTER A HALT INSTRUCT IS EXECUTED							
			AUG81	WN ALL REPAIR NOS.PARTS LIST FOR "USER CABLE WITH ACTIVE ASSEMBLY"							
			SEP82	WN SER 2241 & ABOVE.PARTS LIST "USER CABLE WITH ACTIVE ASSY"							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64206A		OPER MAN	APR85	64206-90901	JUN85	64206-90801	8L	01	33	04	
64206S		SERV MAN	MAY85	64206-90902	AUG85	64206-90802	8L	01	33	02	
64210A		6800 E/A SUPP SERV MAN OPER MAN MAN CHANGE	MAR80 SEP79 DEC82 FEB83	64210-90902 64210-90903 64210-90906 64210-90906	SEP80 JUN81 OCT83	64210-90802* 64210-90803* 64210-90806	8L 8L 8L	01 01 01	D2 08 D2	01 01 04	USE 64210A FICHE 64210-90806 USE 64211A FICHE 64211-90801
64211A		SERV MAN SERV MAN MAN CHANGE - A	OCT81 JUN82 MAY84	64211-90901 64211-90902 64211-90902	JUN82 AUG84	64211-90801* 64211-90802	8L 8L	01 01	08 D2	02 02	USE 64211A FICHE 64211-90802
64212A		SERV MAN SERV MAN SERV MAN SERV NOTE SET BELOW 64212A-1	SEP79 NOV81 OCT83	64212-90901 64213-90901 64213-90902	SEP81 MAY83 JAN84	64212-90801* 64213-90801* 64213-90802	8L 8L 8L	01 01 01	D2 D2 D2	01 02 02	USE 64212A/213A FICHE 64213-90801 USE 64212A FICHE 64213-90802
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64213A		SERV MAN SERV MAN SERV NOTE SET BELOW 64213A-1 64213A-2	NOV81 OCT83	64213-90901 64213-90902	MAY83 JAN84	64213-90801* 64213-90802	8L 8L	01 01	D2 D2	02 02	USE 64213A FICHE 64213-90802
			SEP82	WN SER 2252 & ABOVE.PARTS LIST "USER CABLE WITH ACTIVE ASSY"							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64214A		SERV MAN MAN CHANGE SERV NOTE SET BELOW 64214A-1	MAR83 JUN83	64214-90901 64214-90901	SEP83	64214-90801	8L	01	D2	02	
			JUN84	WA SER 2329A & BELOW.MOD TO PREV IMPROPER ILLEGAL OPCODE BREAK							
64215A		PRELIM SERV MAN SERV MAN	FEB82 DEC82	64215-90901 64215-90902	JAN83 FEB84	64215-90801* 64215-90802	8L 8L	01 01	D2 D2	02 02	USE 64215A FICHE 64215-90802

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RS ARE OFF

653A

653A-H01

654A

65605L

65605M

670G/GM

670H/HM

670J

670JM

670S

670SM

675A

676A

680

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
64215A		MAN CHANGE - A MAN CHANGE - B SERV NOTE SET BELOW 64215A-1 64215A-2	JUL83 NOV83	64215-90902 64215-90902	FEB84	64215-90802	8L	01	D2	02	
			SEP82	WN SER 2250 & ABOVE.PARTS LIST "USER CABLE WITH ACTIVE ASSY"							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							

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	MAN CHANGE SERV NOTE SET BELOW 64214A-1	JUN83 64214-90901	OCT84 JUN84 WA SER 2329A & BELOW.MOD TO PREV IMPROPER ILLEGAL OPCODE BREAK
64215A	PRELIM SERV MAN SERV MAN	FEB82 64215-90901 DEC82 64215-90902	JAN83 64215-90801* 8L 01 D2 02 USE 64215A FICHE 64215-90802 FEB84 64215-90802 8L 01 D2 02

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 292
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
64215A		MAN CHANGE - A MAN CHANGE - B SERV NOTE SET BELOW 64215A-1 64215A-2	JUL83 NOV83	64215-90902 64215-90902	FEB84	64215-90802	8L	01	D2	02	
					OCT84						
			SEP82	WN SER 2250 & ABOVE.PARTS LIST "USER CABLE WITH ACTIVE ASSY"							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64216A		SERV MAN MAN CHANGE MAN CHANGE - B	JUL83 AUG83 JAN84	64216-90901 64216-90901 64216-90901	AUG84	64216-90801	8L	01	D2	02	
64222A		SERV MAN MAN CHANGE - D SERV NOTE SET BELOW 64222A-1 64222A-2	DEC82 JUN84	64222-90901 64222-90901	SEP84	64222-90801	8L	01	D2	03	ISSUE D INCLUDES A, B, & C
					OCT84						
			NOV82	WA SER 2134A & BELOW.FAULTY DMA OPER IN MIN MODE							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64223A		SERV NOTE SET BELOW 64223A-1			OCT84						
			MAY84	WN ALL SER.CABLING INSTRUC TO IMPROV PERF VERIF							
64224A		SERV NOTE SET BELOW 64224A-1			OCT85						
			APR85	WN REPAIR NO 2503A00410 & BELOW;2503A00426 THRU -00413.EMULATOR POD RFI END SHIELD CHNG							
64225A		SERV NOTE SET BELOW 64225A-1			OCT85						
			APR85	WA REPAIR NO 2448A00130 & BELOW;2448A00133,134.EMULATOR POD RFI END SHIELD CHNG							
64226A		SERV MAN MAN CHANGE - D SERV NOTE SET BELOW 64226A-1 64226A-2 84226A-3 64226A-4	DEC82 JUN84	64222-90901 64222-90901	SEP84	64222-90801	8L	01	D2	03	ISSUE D INCLUDES A, B, & C
					OCT84						
			NOV82	WA SER 2133A & BELOW.FAULTY DMA IN MIN MODE,IMPROM SSO SIGNAL,8088 UP UPGRADE							
			JAN84	WN SER 2236A & BELOW.8088 EMULATOR ENHANC FOR 8MHZ OPER							
			APR84	WA DATECODES BELOW 8411.IMPROPER EMULATION OF SCO SIG							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64232A		SERV MAN SERV MAN MAN CHANGE - A MAN CHANGE - B SERV NOTE SET BELOW 64232A-1 64232A-2	JUL81 AUG82 AUG83 NOV83	64232-90901 64232-90902 64232-90902 64232-90902	APR82 MAR84	64232-90801* 64232-90802	8L	01	08	02	USE 64232A FICHE 64232-90802 8L 01 D2 04
					OCT84						
			JAN84	WA ALL SER.Z8001 SIG USER/DS MOD TO TRI-STATE OUTPUT							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64233A		SERV MAN SERV MAN SERV NOTE SET BELOW 64233A-1 64233A-2	JUL81 SEP83	64232-90901 64233-90902	APR82 DEC83	64232-90801* 64233-90802	8L	01	08	02	USE 64233A FICHE 64233-90802 8L 01 D2 04
					OCT84						
			JAN84	WA ALL SER.Z8002 SIG USER/DS MOD TO TRI-STATE OUTPUT							
			JUN84	WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64242A		SERV MAN SERV MAN SERV MAN MAN CHANGE - A SERV NOTE SET BELOW 64242A-1A 64242A-2 CONT'D	JUL81 DEC82 JAN84 MAR84	64242-90901 64242-90902 64242-90903 64242-90903	AUG81 JUL83 JUN84	64242-90801* 64242-90802* 64242-90803	8L	01	08	02	USE 64242A FICHE 64242-90802 8L 01 D2 02 USE 64242A FICHE 64242-90803 8L 01 D2 02
					OCT84						
			DEC81	WA 68000 EMULATOR SUBS POD REPAIR NOS 21WR SPECIFICTIONS							
			MAR81	WA 68000 EMULATION PODS REPAIR NOS 2124A00261 & BELOW;IMPROPER EMULATION RESP INTERRUPT ACKS							

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NUMBER680
680 SERIES

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681 SERIES

682 SERIES

682C

6823A

6824A

6825A

6826A

6827A

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683A

683C

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
64242A		64242A-3 64242A-4 64242A-5A 64242A-6	NOV82 NOV82 OCT83 JUN84	WA SER 2213A00491 & BELOW.INTERMITTENT 68000 EMULATION OPER WA SER 2124A00411 & BELOW.IMPROP EMULATION RESPON TO INTERRUPT ACK WN SER 2124A & BELOW.68000 EMULATOR ENHANCEMENT FOR 10 MHZ OPER WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO							
64249A		SERV MAN	JAN84	64249-90901	MAR84	64249-90901	8L	01	D2	02	

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NUMBER

6830A

6831A

SERV NOTE SET BELOW
64242A-1A
64242A-2
CONT'D

OCT84
DEC81 WA 68000 EMULATOR SUBS POD REPAIR NOS 21WR SPECIFICTIONS
MAR81 WA 68000 EMULATION PODS REPAIR NOS 2124A00261 & BELOW;IMPROPER EMULATION RESP INTERRUPT ACKS

683A
683C

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

64242A 64242A-3 NOV82 WA SER 2213A00491 & BELOW.INTERMITTENT 68000 EMULATION OPER
64242A-4 NOV82 WA SER 2124A00411 & BELOW.IMPROP EMULATION RESPON TO INTERRUPT ACK
64242A-5A OCT83 WN SER 2124A & BELOW.68000 EMULATOR ENHANCEMENT FOR 10 MHZ OPER
64242A-6 JUN84 WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO

64249A SERV MAN JAN84 64249-90901 MAR84 64249-90801 8L 01 D2 02
SERV NOTE SET BELOW OCT85
64249A-1 APR85 WA REPAIR NO 2412A00250 & BELOW;EMULATOR POD RFI SHIELD CHNG

64250 E/A SUPP - Z80 APR80 64250-90902 SEP80 64250-90802* 8L 01 D2 01 USE 64250A FICHE 64250-90803

64250A SERV MAN SEP79 64250-90903 JUN81 64250-90803* 8L 01 D2 01 USE 64251A FICHE 64251-90801
SERV NOTE SET BELOW APR84
64252A-1A3 OCT83 WN Z80 REPAIR NOS 2003A00126 & ABOVE.MOD USER NOT WAIT SIG TO ALLOW EMULATION OF USER
CONTD SYS BEFORE RESPONDING USER HDWR IS PHYSICALLY IN PLACE
CONT'D SUPERSEDES 64252A-1A2
64252A-2A OCT80 WN REPAIR NO 2003A-00126 & ABOVE.MOD TO SYNC USER WAIT SIGNALS
64251A-1 OCT80 WN MOD TO DISABLE EMULATION MEM DURING MODE 0 INTERRUPTS TO ALLOW Z80 SYS TO ACCESS
CONTD USERS INTERRUPT DEVICE FOR ENTIRE OP CODE INSTRUCT
64251A-2 OCT80 WA MOD TO PREVENT ILLEGAL OP CODE STATUS DURING MODE 1 INTERRUPT ACKNOWLEDGE
64251A-3 DEC80 WA REPAIR NOS. 2009A & BELOW.MOD FOR PROP FUNCTIONING OF EMULATION SYST DURING USER DMA
64252A-3 DEC80 WA REPAIR NOS. 2009A & BELOW*MOD FOR PROP FUNCTIONING OF EMULATION SYST DURING USER DMA
64251A-4 APR81 WN SER 2009A & BELOW.INCORP OF Z80B MICROPROCESSOR FOR ENHANCED PERF
64252A-4 APR81 WN SER 2003A & BELOW.INCORP OF 780B,MICROPROCESSOR, FOR ENHANCED PREF
64251A-5 JUL81 WA ALL Z80 EPB REPAIR NOS.ILLEGAL OP CODES DETECTED FOLLOWING HALT INSTRUCT

64251A SERV MAN JAN83 64251-90901 APR83 64251-90801 8L 01 D2 03
SERV NOTE SET BELOW OCT84
64251A-5A JUN84 WA SER 2120A & BELOW.MOD TO PREV ERRONEOUS ILLEGAL OPCODE FOLLOW HALT INSTRU
64251A-6 SEP83 WA REPAIR NO 2120A1558 & BELOW.MOD TO PREV OPCODE OMISSION UPON EXIT FROM BACKGROUND

64252A SERV MAN SEP79 64252-90901 SEP81 64252-90801* 8L 01 08 01 USE 64252A FICHE 64252-90802
SERV MAN APR82 64252-90902 AUG84 64252-90802 8L 01 D2 02
MAN CHANGE SEP83 64252-90902
MAN CHANGE - B NOV83 64252-90902
SERV NOTE SET BELOW OCT84
64252A-6 FEB83 WN ALL BD NUM.MOD TO PASS M1 CYCLES TO TARGET SYSTEM DURN BACKGROUND ACCESSES
64252A-7 JUN84 WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO

64255A SERV MAN DEC82 64255-90902 AUG83 64255-90802* 8L 01 D2 02 USE 64255A FICHE 64255-90805
INSTALL INSTR FEB84 64255-90904 JUL84 64255-90804 8L 01 D2 01
SERV MAN JAN84 64255-90905 JUN84 64255-90805 8L 01 D2 02
MAN CHANGE - A MAR84 64255-90905
SERV NOTE SET BELOW OCT84
64255A-1A MAY84 WN ALL SER.EHANCMENT FOR MOTEROLA 6801U4/6803U4 & HITACHI 6301/03 EMULATOR

64256A SERV MAN DEC82 64256-90901 JUL83 64256-90801* 8L 01 D2 02 USE 64256A FICHE 64256-90803
SERV MAN JAN84 64256-90903 JUN84 64256-90803 8L 01 D2 02
MAN CHANGE - A MAR84 64256-90903

64261A SERV MAN AUG82 64261-90901 FEB84 64261-90801 8L 01 D2 02
MAN CHANGE - A AUG83 64261-90901
SERV NOTE SET BELOW OCT84
64261A-1 JUN84 WA 64261-66501 BD'S.MOD TO REMOV GLITCH ON LOWER HALF PORT 2 WHEN "MOVX" INSTRU OCCOURS

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6830A

6831A

6832A

684A

684C

685/686/687

685A

686A

686A-H01

686C

686C-H01

687A

687C

690-E01

690A/B

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

64262A SERV MAN DEC81 64262-90901 MAR84 64262-90801 8L 01 D2 02
MAN CHANGE - A OCT82 64262-90901
MAN CHANGE - B AUG83 64262-90901
MAN CHANGE - C NOV83 64262-90901
SERV NOTE SET BELOW OCT84
64262A-1 APR82 WA SER 2201 & BELOW.HARDWARE & SOFTWARE MOD
64262A-2 MAY82 WA SER 2208 & BELOW.MOD TO CLEAR PORT 2 WHEN USING INTEL 8243 I/O EXPANDER CHIP

11/08/85 MODEL NUMBER O C

690A/B

690C/D

MAN CHANGE - A
SERV NOTE SET BELOW
64261A-1

AUG83 04261-90901

OCT84

JUN84 WA 64261-66501 BD'S.MOD TO REMOV GLITCH ON LOWER HALF PORT 2 WHEN "MOVX" INSTRU OCCURS

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64262A SERV MAN MAN CHANGE - A MAN CHANGE - B MAN CHANGE - C SERV NOTE SET BELOW 64262A-1 64262A-2 64262A-3 64262A-4
DEC81 64262-90901 OCT82 64262-90901 AUG83 64262-90901 NOV83 64262-90901
OCT84
APR82 WA SER 2201 & BELOW.HARDWARE & SOFTWARE MOD
MAY82 WA SER 2208 & BELOW.MOD TO CLEAR PORT 2 WHEN USING INTEL 8243 I/O EXPANDER CHIP
SEP82 WN SER 2240 & ABOVE.PARTS LIST "USER CABLE WITH ACTIVE ASSY"
JUN84 WN SER LISTED IN NOTE.EMULATOR POD BD COMPAT INFO

64263A SERV MAN APR84 64263-90901 JUL84 64263-90801 8L 01 D2 02

64264A SERV MAN APR84 64264-90902 JUL84 64264-90802 8L 01 D2 02

6427A OPER & SERV MAN MAN CHANGE AUG65 06427-90002 APR81 06427-90003 8L 01 21 02

6427B SERV NOTE SET BELOW 6427B-1/6433B-1/ 6438B-1/6443B-1 6427B-2
JUL81
JAN70 WO 6427B SER BELOW 490.MOD TO RED SCR FAILURES UNDER LINE TRANSIENT CONDITIONS
OCT78 WO SER 1711A01140 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.

64271A SERV MAN SERV MAN SERV NOTE SET BELOW 64271A-1
JUN81 64271-90901 NOV83 64271-90902
JAN83 64271-90801* 8L 01 D2 02 USE 64271A FICHE 64271-90802
FEB84 64271-90802 8L 01 D2 02
APR82
DEC81 WA SER 2124A00317 & BELOW.LAST ADDRESS TIMING CIRCUIT MISLEADING

64272A SERV MAN MAN CHANGE - A MAN CHANGE - B
OCT82 64272-90901 APR83 64272-90901 MAR84 64272-90901
MAY84 64272-90801 8L 01 D2 03

64274A ABBR SERV MAN MAN CHANGE MAR82 64274-90901 NOV82 64274-90901
JAN83 64274-90801 8L 01 D2 02

6428A OPER & SERV MAN SEP65 06428-90002 JAN82 06428-90003 8L 01 21 02

6428B OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6428B-1/6434B-1/ 6439B-1/6448B-1 6428B-2
JAN66 06428-90001 JAN82 06428-90001
JUL81
APR69 WO MOD TO RED SCR FAILURE UNDER LINE TRANSIENT CONDITIONS
OCT78 WO SER 1834A02369 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.

64291A SERV MAN JUL83 64291-90901 AUG83 64291-90801 8L 01 D2 03

64292A SERV MAN MAN CHANGE SERV NOTE SET BELOW 64292A-1 64292A-2
JUL83 64292-90902 JUL83 64292-90902
OCT85
AUG84 WA SER 2335A & BELOW.MOD TO PREV DATA BUS CONTENTION FOLLOW PWR SAVE MODE
APR85 WA REPAIR NO 2434A00260 & BELOW;EMULATOR POD RFI SHIELD CHNG

64294A OPER MAN SERV MAN JUN85 64294-90901 JUN85 64294-90902
AUG85 64294-90801 8L 01 33 05
AUG85 64294-90802 8L 01 33 02

64295A OPER MAN JUN85 64294-90901 AUG85 64294-90801 8L 01 33 05

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11/08/85 MODEL NUMBER O C

690A/B

690C/D

6901S

691A

691B

691D

6910A/AM

6917B

692A

692B

692D

6920A

6920B

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64295A SERV MAN JUN85 64294-90902 AUG85 64294-90802 8L 01 33 02

64300 SERV NOTE SET BELOW 64300-1
OCT81
JAN80 WA SER 1927A00051 THRU 1927A00077.MOD TO PREVENT LOGIC ANALYSIS TRACE ERRORS

64300A SERV MAN SERV MAN APR81 64300-90903 FEB83 64300-90904
JUN82 64300-90803* 8L 01 D2 03 USE 64300A FICHE 64300-90804
JUN83 64300-90804 8L 01 D2 03

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6920B

69280A

693A

64295A OPER MAN JUN85 64294-90901 AUG85 64294-90801 8L 01 33 05

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
64295A		SERV MAN	JUN85	64294-90902	AUG85	64294-90802	8L	01	33	02	
64300		SERV NOTE SET BELOW 64300-1			OCT81						
			JAN80	WA SER 1927A00051	THRU	1927A00077	MOD	TO	PREVENT	LOGIC	ANALYSIS
											TRACE
											ERRORS
64300A		SERV MAN	APR81	64300-90903	JUN82	64300-90803*	8L	01	D2	03	USE 64300A FICHE 64300-90804
		SERV MAN	FEB83	64300-90904	JUN83	64300-90804	8L	01	D2	03	
64302A		SERV MAN	SEP81	64302-90901	DEC81	64302-90801*	8L	01	08	02	USE 64302A FICHE 64302-90802
		SERV MAN	MAY82	64302-90902	NOV82	64302-90802	8L	01	D2	04	
64303A		SERV MAN	DEC83	64303-90902	JUN84	64303-90802	8L	01	D2	03	
		MAN CHANGE	MAR84	64303-90902							
64304A		SERV MAN	JUL83	64304-90901	JUL84	64304-90801	8L	01	D2	02	
		MAN CHANGE - A	APR84	64304-90901							
64310A		SERV MAN	MAR83	64310-90901	SEP84	64310-90801	8L	01	D2	03	
		MAN CHANGE - A	MAY84	64310-90901							
6433A		OPER & SERV MAN	AUG65	06433-90002	AUG81	5950-1890	8L	01	21	02	
6433B		OPER & SERV MAN	APR66	06433-90001	FEB83	06433-90003	8L	01	21	01	
		MAN CHANGE	JAN82	06433-90001							
		SERV NOTE SET BELOW 6427B-1/6433B-1/ 6438B-1/6443B-1 6433B-2			JUL81						
			JAN70	WO 6433B SER BELOW 1310	MOD	TO	RED	SCR	FAILURES	UNDER	LINE
											TRANSIENT
											CONDITIONS
			OCT78	WO SER 1706A03305 & BELOW	REC	MOD	TO	REPLACE	ZENER	DIODE	1902-0763.
6434B		OPER & SERV MAN	DEC67	06434-90001	FEB83	06434-90002	8L	01	21	01	
		MAN CHANGE	JAN82	06434-90001							
		SERV NOTE SET BELOW 6428B-1/6434B-1/ 6439B-1/6448B-1 6434B-2			JUL81						
			APR69	WO MOD TO RED SCR FAILURE	UNDER	LINE	TRANSIENT	CONDITIONS			
			OCT78	WO SER 1826A02850 & BELOW	REC	MOD	TO	REPLACE	ZENER	DIODE	1902-0763.
6438A		OPER & SERV MAN	AUG65	06438-90002	JUL80	06438-90003	8L	01	21	02	
6438B		OPER & SERV MAN	FEB66	06438-90001	FEB83	06438-90004	8L	01	21	02	
		MAN CHANGE	JAN82	06438-90001							
		SERV NOTE SET BELOW 6427B-1/6433B-1/ 6438B-1/6443B-1 6438B-2			JUL81						
			JAN70	WO 6438B SER BELOW 740	MOD	TO	RED	SCR	FAILURES	UNDER	TRANSIENT
											CONDITIONS
			OCT78	WO SER 1706A01695 & BELOW	REC	MOD	TO	REPLACE	ZENER	DIODE	1902-0763.
6439A		OPER & SERV MAN	OCT65	06439-90002	DEC80	06439-90003	8L	01	21	02	
		MAN CHANGE	JAN00	06439-90002							
6439B		OPER & SERV MAN	FEB66	06439-90001	FEB83	06439-90004	8L	01	21	02	
		MAN CHANGE	JAN82	06439-90001							
		SERV NOTE SET BELOW 6428B-1/6434B-1/ 6439B-1/6448B-1 6439B-2			JUL81						
			APR69	WO MOD TO RED SCR FAILURE	UNDER	LINE	TRANSIENT	CONDITIONS			
			OCT78	WO SER 1821A01775 & BELOW	REC	MOD	TO	REPLACE	ZENER	DIODE	1902-0763.

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
6443A		OPER & SERV MAN	SEP65	06443-90002	APR75	06443-90004					
6443B		OPER & SERV MAN	JUN66	06443-90001	JAN85	06443-90003	8L	01	21	02	
		MAN CHANGE'S	JAN82	06443-90001							
		SERV NOTE SET BELOW 6427B-1/6433B-1/ 6438B-1/6443B-1 6443B-2			JUL81						
			JAN70	WO 6443B SER BELOW 820	MOD	TO	RED	SCR	FAILURES	UNDER	TRANSIENT
											CONDITIONS
			OCT78	WO SER 1706A02090 & BELOW	REC	MOD	TO	REPLACE	ZENER	DIODE	1902-0763.
6448B		OPER & SERV MAN	APR68	06448-90001	FEB83	06448-90002	8L	01	21	01	

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 296
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
6443A		OPER & SERV MAN	SEP65	06443-90002	APR75	06443-90004	01	21	02		
6443B		OPER & SERV MAN MAN CHANGES SERV NOTE SET BELOW 6427B-1/6433B-1/ 6438B-1/6443B-1 6443B-2	JUN66 JAN82	06443-90001 06443-90001	JAN85	06443-90003	8L	01	21	02	
					JUL81						
			JAN70	WO 6443B SER BELOW 820.	MOD TO RED SCR FAILURES UNDER TRANSIENT CONDITIONS						
			OCT78	WO SER 1706A02090 & BELOW.	REC MOD TO REPLACE ZENER DIODE 1902-0763.						
6448B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6428B-1/6434B-1/ 6439B-1/6448B-1 6448B-2	APR68 OCT81	06448-90001 06448-90001	FEB83	06448-90002	8L	01	21	01	
					JUL81						
			APR69	WO MOD TO RED SCR FAILURE UNDER LINE TRANSIENT CONDITIONS							
			OCT78	WO SER 1825A02166 & BELOW.	REC MOD TO REPLACE ZENER DIODE 1902-0763.						
645XX		SERV NOTE SET BELOW			JAN84						
		64500A	JAN81	WN ALL SER.PROM PROGRAMMING PROC							
		64500S-2	OCT82	WA SER 1924A.ID CODE FAILURE							
		64500S-3	AUG83	WA ALL 64501A SHIPPED PRIOR TO 1NOV1983 READ ERROR CORREC WITH IMPR I/O CABLE							
		64501A-1	APR81	WN BD (64501-66501) REV C & EARLIER.REC PROC FOR SELECT IC U38							
		64502-0	FEB81	WN SERV NOTE LIST FOR 64502A PROM PROGRAM MODULE							
		64502-1	FEB81	WN ALL SER.PROM PROGRAMMING PROC							
		64502A-2	OCT82	WA VERIFY FAILURE							
		64503A-0	FEB81	WN SERV NOTE LIST FOR 64503A PROM PROGRAM MODULE							
		64503A-1	JAN80	WN REPAIR NO NOT ASSIGNED TO THIS MODEL.EQUIP SAFETY PROC.POSS DAMAGE TO PROGRAMMER	MODULE DURING PERF VERIF						
		CONT'D									
		64503-2	FEB81	WN ALL SER.PROM PROGRAMMING PROC							
		64507A-0	FEB81	WN SERV NOTE LIST FOR 64507A PROM PROGRAM MODULE							
		64507A-1	JAN80	WN REPAIR NO NOT ASSIGNED TO THIS MODEL.EQUIP SAFETY PROC.POSS DAMAGE TO PROGRAMMER	MODULE DURING PERF VERIF						
		CONT'D									
		64507-2	FEB81	WN ALL SER.PROM PROGRAMMING PROC							
		64507A-3	MAY81	WA ALL SER.MOD TO ENHANCE ABILITY TO PROGRAM 2708 EPROMS							
		64509A-0	FEB81	WN SERV NOTE LIST FOR 64509A PPOM PROGRAM MODULE							
		64509A-1	JAN80	WN REPAIR NO NOT ASSIGNED TO THIS MODEL.EQUIP SAFETY PROC.POSS DAMAGE TO PROGRAMMER	MODULE DURING PERF VERIF						
		CONT'D									
		64509-2	FEB81	WN ALL SER.PROM PROGRAMMING PROC							
		64510A-1	MAY82	WA ALL SER.MOD TO CORREC READ DATA FROM 8741 EPROM							
6450A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6450A-1/6453A-1/ 6456A-1/6456B-1/ 6459A-1	JAN00 MAR65	06450-90001 06450-90001	OCT72	5951-6193	8L	01	21	02	
					JUL81						
			OCT73	WO 6450A ALL SER.MOD TO OPERATE FROM UNBALANCED DELTA SOURCE							
64500A		SERV MAN	NOV79	64500-90903	MAR80	64500-90803*	8L	01	08	01	USE64500A FICHE 64500-90805
		SERV MAN	MAY81	64500-90905	JUN82	64500-90805*	8L	01	08	01	USE 64500A FICHE 64500-90808
		SERV MAN	MAY81	64500-90908	JUL82	64500-90808*	8L	01	D2	01	USE 64500S FICHE 64500-90810
64500S		SERV MAN	OCT82	64500-90910	NOV83	64500-90810	8L	01	D2	01	
		MAN CHANGE - A	OCT82	64500-90910							
		MAN CHANGE - B	SEP83	64500-90910							
		SERV MAN	JAN84	64500-90911	SEP84	64500-90811	8L	01	D2	02	
		MAN CHANGE - A	APR84	64500-90911							

BEL

BEL

11/08/85 MODEL NUMBER	O C	11/08/85 MODEL NUMBER	O C
6933A		6933A	6933A
			6933B
			6933B BCD
			6933B BIN
			69330A
			69331A
			69331B
			69332A
			69335A
			69336A
			69336B
			69340A
			69351A
			69351A/B

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 297
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
64501A		SERV NOTE SET BELOW 64501A-2			JUL84						
			MAY84	WN SER 2239A03160 THRU 2239A03279.	INCORREC SER PREF NUMBER						
64502A		SERV MAN MAN CHANGE - A	SEP82 OCT82	64502-90903 64502-90903	AUG84	64502-90803	8L	01	D2	01	
64503A		SERV BRIEF MAN CHANGE	DEC79 JAN80	64503-90901 64503-90901	JUN81	64503-90801	8L	01	D2	01	
64504A		SERV BRIEF	JAN80	64504-90901	JUN81	64504-90801	8L	01	D2	01	

11/08/85 MODEL NUMBER	O C
69351A/B	69351A/B
69351B	OPER MAN
69351C	OPER
6936A	OPER MAN SERV

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

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64501A SERV NOTE SET BELOW 64501A-2 JUL84 MAY84 WN SER 2239A03160 THRU 2239A03279. INCORREC SER PREF NUMBER

64502A SERV MAN MAN CHANGE - A SEP82 64502-90903 AUG84 64502-90803 8L 01 D2 01
OCT82 64502-90903

64503A SERV BRIEF MAN CHANGE DEC79 64503-90901 JUN81 64503-90801 8L 01 D2 01
JAN80 64503-90901

64504A SERV BRIEF JAN80 64504-90901 JUN81 64504-90801 8L 01 D2 01

64505A SERV MAN JUL80 64505-90901 DEC80 64505-90801 8L 01 D2 01

64507A SERV BRIEF MAN CHANGE DEC79 64507-90901 JUN81 64507-90801 8L 01 D2 01
JAN80 64507-90901

64508A SERV BRIEF JAN80 64508-90901 JUN81 64508-90801 8L 01 D2 01

64509A SERV BRIEF MAR82 64509-90901 JUN82 64509-90801 8L 01 D2 01

64510A SERV MAN SEP80 64510-90901 JUN81 64510-90801* 8L 01 08 01 USE 64510A FICHE 64510-90802
SERV MAN JUN81 64510-90902 AUG81 64510-90802 8L 01 D2 01
INSTALL INST JAN83 64510-90904 APR83 64510-90804 8L 01 D2 01

64510B SERV MAN JAN83 64510-90903 MAY83 64510-90803 8L 01 D2 01

64513A SERV MAN JUL82 64513-90901 NOV82 64513-90801 8L 01 D2 01

64514A SERV MAN MAN CHANGE SEP81 64514-90901 DEC81 64514-90801 8L 01 D2 01
OCT81 64514-90901

64515A SERVICE BRIEF MAN CHANGE OCT81 64515-90901 DEC81 64515-90801 8L 01 D2 01
NOV81 64515-90901

64515B SERV MAN JAN83 64515-90902 MAY83 64515-90802 8L 01 D2 01

64515C SERV MAN SERV NOTE SET BELOW 64515C-1 NOV83 64515-90903 FEB84 64515-90803 8L 01 D2 01
DEC84 WA UNSERIALIZED. INABILITY TO CORREC PROG SOME TYPES OF PROMS
APR85

64517A SERV MAN SEP82 64517-90901 NOV82 64517-90801 8L 01 D2 01

64520A SERV MAN FEB83 64520-90901 MAY83 64520-90801 8L 01 D2 01

6453A OPER & SERV MAN MAN CHANGE MAY67 06453-90001 FEB83 06453-90003 8L 01 21 01
SERV NOTE SET BELOW 6453A-1/6453A-1/6456A-1/6456B-1/6459A-1
OCT73 WO 6453A SER BELOW 1150A00390. MOD TO OPEATE FROM UNBALANCED DELTA SOURCE
APR84
6453A-2/6456B-2/6459A-2 FEB81 WO 6453A:SER 2038A00805 & BELOW. INSTALL OF NEW AC PWR CONN FOR 250 VAC (OPT 001,002) &
480 VAC (OPT 003,031,032)
6453A-4 SEP83 WA SER 2233A & BELOW. SILICON REPL FOR GERMANIUM TRANS

11/08/85 MODEL NUMBER O C

69351A/B 69351

69351B OPER MAN CI

69351C OPER

6936A OPER MAN CI SERV I 6936A-6937A-6937S-

6936S OPER SERV I 6936S-6937A-6937-

69360A OPER

6937A OPER MAN CI SERV I 6936A-6937A-6937S-

6937S SERV I 6936S-6937A-6937S-

69370A OPER MAN CI SERV I 69370A-

6938A SERV

69380A OPER MAN CI

694A OPER OPER MAN CI

694B OPER MAN CI SERV I 694B-

694C-E10 OPER

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

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6455A OPER & SERV MAN MAR68 06455-90001 AUG81 5951-6210 8L 01 21 01

6456A OPER & SERV MAN MAN CHANGE JAN00 06456-90002 MAR75 06456-90003 01 21 02
FEB65 06456-90002

6456A/B SERV NOTE SET BELOW 6450A-1/6453A-1/6456A-1/6456B-1/6459A-1 JUL81
OCT73 WO 6456A ALL SER;5456B SER 1202A00705 & BELOW. MOD TO OPERATE FROM UNBAL DELTA SOURCE
6453A-2/6456B-2/6459A-2 FEB81 WO 6456B:SER 2042A01383 & BELOW. INSTALL OF NEW AC PWR CONN FOR 250 VAC (OPT 001,002) &
480 VAC (OPT 003,031,032)

6456B OPER & SERV MAN MAY67 06456-90001 FEB83 06456-90003 8L 01 21 01

11/08/85 MODEL NUMBER O C

694D OPER & MAN CH

6940 SERV M 6940A-6940A-6940A-

6940A OPER & MAN CH OPER P

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
6455A		OPER & SERV MAN	MAR68	06455-90001	AUG81	5951-6210	8L	01	21	01					
6456A		OPER & SERV MAN MAN CHANGE	JAN00 FEB65	06456-90002 06456-90002	MAR75	06456-90003		01	21	02					
6456A/B		SERV NOTE SET BELOW 6450A-1/6453A-1/ 6456A-1/6456B-1/ 6459A-1 6453A-2/6456B-2/ 6459A-2	OCT73	WO 6456A ALL SER;5456B SER 1202A00705 & BELOW.MOD TO OPERATE FROM UNBAL DELTA SOURCE	JUL81										
			FEB81	WO 6456B:SER 2042A01383 & BELOW.INSTALL OF NEW AC PWR CONN FOR 250 VAC (OPT 001,002) & 480 VAC (OPT 003,031,032)											
6456B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6253A-3/6456B-3/ 6459A-3 6456B-4	MAY67 SEP82	06456-90001 06456-90001	FEB83	06456-90004	8L	01	21	01					
			MAY82	WO SER 2042A01383 & BELOW.INSTAL OF AC PWR CONN FOR 250 VAC(OPT 001,002 & VAC OPT 003,031,032)	APR84										
			SEP83	WA SER 2236A & BELOW.SILICON REPL FOR GERMANIUM TRANS											
6459A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6450A-1/6453A-1/ 6956A-1/6456B-1/ 6253A-3/6456B-3/ 6459A-3 6453A-2/6456B-2/ 6459A-2 6459A-4	MAY67 SEP82	06459-90001 06459-90001	FEB83	06459-90003	8L	01	21	01					
			OCT73	WO 6459A SER BELOW 1149A01327.MOD TO OPERATE FROM UNBALANCED DELTA SOURCE	APR84										
			MAY82	WO SER 2042A01704 & BELOW.INSTAL OF AC PWR CONN FOR 250 VAC(OPT 001,002 & VAC OPT 003,031,032)											
			FEB81	WO 6459A:SER 2043A01704 & BELOW.INSTALL OF NEW AC PWR CONN FOR 250 VAC (OPT 001,002) 480 VAC (OPT 003,031,032)											
			SEP83	WA SER 2235A & BELOW.SILICON REPL FOR GE											
64601A		PRELIM SERV MAN SERV MAN MAN CHANGE - A MAN CHANGE - B SERV NOTE SET BELOW 64601A-1 64601A-2	FEB82 OCT82 DEC83 MAR84	64601-90901 64601-90904 64601-90904 64601-90904	SEP82 JUN84	64601-90801* 64601-90804	8L	01	08	03	USE 64601A FICHE 64601-90804				
			JUN82	WA SER 2148A00206 & BELOW.MOD TO CORREC LOCATE SA TEST POINT TP12	APR84										
			DEC83	WN ALL SER.JUMPER NEXCESSARY FOR SIGNATURE ANALYSIS TABLE 3 THRU 8											
64601B		SERV NOTE SET BELOW 64601B-1	OCT84	WN ALL SER.125 HMZ TIME STATE MODULE CALIB PROC	JAN85										
64602A		PRELIM SERV MAN SERV MAN MAN CHANGE - A MAN CHANGE - B SERV NOTE SET BELOW 64602A-1	FEB82 NOV82 JUN83 MAR84	64602-90901 64602-90902 64602-90902 64602-90902	SEP82 JUL84	64602-90801* 64602-90802	8L	01	08	02	USE 64602A FICHE 64602-90802				
			JUN83	WO SER 2148A00580 & BELOW.PREF REPL OF GLITCH DEFECTOR	OCT83										
64604A		PRELIM SERV MAN SERV MAN MAN CHANGE	FEB82 OCT82 APR84	64604-90901 64604-90902 64604-90902	MAY82 JUN84	64604-90801* 64604-90802	8L	01	08	01	USE 64604A FICHE 64604-90802				
64621A		PRELIM SERV MAN SERV MAN MAN CHANGE - A	MAR82 JUN83 MAR84	64621-90901 64621-90903 64621-90903	MAY82 MAY84	64621-90801* 64621-90803	8L	01	02	03	USE 64621A FICHE 64621-90803				

11/08/85 MODEL NUMBER	O C	LIT
694D		OPER & MAN CHA
6940		SERV NO 6940A-1 6940A-2 6940A-3
6940A		OPER & MAN CHA OPER PR
6940B		USERS G OPER & MAN CHA PROG GU PROG GU SERV NO 6940B-2 6940B-3
6941		SERV NO 6941A-1
6941A		OPER & MAN CHA
6941B		OPER & MAN CHA SERV NO 6940B-2 6940B-3
6942A		USERS G INSTALL QUICK R USERS G USERS G PROG NO SERV NO 6942A-6 6942A-3 6942A-4 6942A-5 6942A-6 6942A-7 6942A-8 6942A-1 6942A-1
69422A		OPER & MAN CHA

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
64621A		SERV NOTE SET BELOW 64621A-1 64621A-2 64621A-3	OCT82	WN SER 2144A.-12VDC IN CLOCK/PREPROCESSOR CONTROL CABLE	JAN85										
			MAY84	WN STATE ANALYZ PREF VERF CHANGES											
			AUG84	WN ALL SER.PERF VERIF SOFTWARE BUG											
64622A		PRELIM SERV MAN SERV MAN MAN CHANGE - A SERV NOTE SET BELOW 64622A-1	MAR82 AUG83 MAR84	64622-90901 64622-90902 64622-90902	MAY82 MAY84	64622-90801* 64622-90802	8L	01	02	02	USE 64622A FICHE 64622-90802				
			MAY83	WA BD # 64622-66501 ONLY.MOD TO MAKE THRSEHOLD VOLTAGE INDEPEN OF DATA INPUTS	OCT83										
64623A		PRELIM SERV MAN SERV MAN MAN CHANGE - A SERV NOTE SET BELOW	MAR82 SEP83 MAR84	64623-90901 64623-90902 64623-90902	MAY82 MAY84	64623-90801* 64623-90802	8L	01	02	03	USE 64623A FICHE 64623-90802				

11/08/85 MODEL NUMBER	O C	LIT
69423A		OPER & MAN CHA SERV NO 69423A-1
6943A		OPER & MAN CHA SERV NO 6943A-1 6943A-3 6943A-4 6942A-5
69430A		OPER & MAN CHA

64680A

DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
64680A		PRELIM SERV BRIEF SERV MAN	FEB82 FEB83	64680-90901 64680-90903	APR82 JUN83	64680-90801* 64680-90803	8L	01	08	01	USE 64680A FICHE 64680-90803				
64681A		PRELIM SERV BRIEF SERV MAN	FEB82 JAN83	64681-90901 64681-90903	APR82 JUN83	64681-90801* 64681-90803	8L	01	08	01	USE 64681A FICHE 64681-90803				
64683A		SERV BRIEF	JAN83	64683-90901	MAY83	64683-90801	8L	01	D2	01					
6469		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4	JUL81										
6469A		OPER & SERV MAN MAN CHANGE	SEP68 SEP69	06469-90001 06469-90001	DEC81	06469-90003	8L	01	21	01					
6469C		OPER & SERV MAN MAN CHANGE	SEP71 APR79	06469-90002 06469-90002	MAR83	06469-90004	8L	01	21	02					
64690A		SERV MAN	OCT83	64690-90902	DEC83	64690-90802	8L	01	D2	01					
6470		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4	JUL81										
6471		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4	JUL81										
6472		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4	JUL81										
6472A		OPER & SERV MAN MAN CHANGE	SEP68 JAN00	06472-90001 06472-90001	OCT72	5951-6213	8L	01	21	01					
6472C		OPER & SERV MAN MAN CHANGE	JUL71 AUG79	06472-90002 06472-90002	JAN85	06472-90003	8L	01	21	02					
6473		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4	JUL81										
6474		SERV NOTE SET BELOW SCR-10-1	FEB69	HOW TO SERV 10KW SUPY	JUL81										

11/08/85
MODEL
NUMBER

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697C

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DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
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11/08/85
MODEL
NUMBER

BRIEF INTERRUPTS

6472C	OPER & SERV MAN MAN CHANGE	JUL71 06472-90002 AUG79 06472-90002	JAN85 06472-90003 8L 01 21 02	69751A
6473	SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	JUL81 FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE MAR70 WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4		69752A 69754A 69755A 69759A
6474	SERV NOTE SET BELOW SCR-10-1	JUL81 FEB69 HOW TO SERV 10KW SUPY		

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DESCRIPTION ***

001F:SER
RENT COMPARATOR001F:SER
RENT COMPARATOR

1830

BRIEF INTERRUPTS

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 302	11/08 MOD NUM
*** DESCRIPTION ***												
6474		SCR-10-2 SCR-10-3 SCR-10-5	MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE MAR70 WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4									69759
6475		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	JUL81 FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE MAR70 WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4									69770 69771 69775 69790 69791
6475A		OPER & SERV MAN MAN CHANGE	SEP68 06475-90001 MAR70 06475-90001		SEP81 06475-90004		8L	01	21	01		
6475C		OPER & SERV MAN MAN CHANGE	AUG71 06475-90003 APR79 06475-90003		FEB83 06475-90005		8L	01	21	02		
6476		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	JUL81 FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE MAR70 WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4									69792
6477		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	JUL81 FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE MAR70 WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4									7 7000A
6477A		OPER & SERV MAN	SEP68 06477-90001		AUG75 06477-90003		8L	01	21	01		
6477C		OPER & SERV MAN MAN CHANGE	SEP71 06477-90002 APR79 06477-90002		FEB83 06477-90004		8L	01	21	02		
6478		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	JUL81 FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE MAR70 WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4									
6479		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	JUL81 FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE MAR70 WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4									70001 7001A
6479A		OPER & SERV MAN MAN CHANGE	SEP68 06479-90001 JAN00 06479-90001		APR81 06479-90003		8L	01	21	01		
6479C		OPER & SERV MAN MAN CHANGE	DEC71 06479-90002 APR79 06479-90002		MAR83 06479-90003		8L	01	21	02		
6480		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3	JUL81 FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE									7004A 7004A

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DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 303	11/08 MOD NUM
*** DESCRIPTION ***												

6479A	OPER & SERV MAN MAN CHANGE	SEP68 06479-90001 JAN00 06479-90001	APR81 06479-90003 8L 01 21 01
6479C	OPER & SERV MAN MAN CHANGE	DEC71 06479-90002 APR79 06479-90002	MAR83 06479-90003 8L 01 21 02
6480	SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3	FEB69 HOW TO SERV 10KW SUPY MAY69 WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY AUG69 WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE	JUL81

7001A

7004A
7004A/

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DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
6480		SCR-10-5	MAR70	WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4											
6481		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4											
6482		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4											
6483		SERV NOTE SET BELOW SCR-10-1 SCR-10-2 SCR-10-3 SCR-10-5	FEB69 MAY69 AUG69 MAR70	HOW TO SERV 10KW SUPY WO UNIT PROD BEFORE AUG 69.MAINTENANCE INFO TO UP FAN RELIABILITY WO UNIT PROD BEFORE JUN 69.380 OR 460 V SCR MOD.AC LINE CURRENT BALANCE WN UNIT PROD BEFORE DEC 68.AC LINE CURRENT BAL.SUPER SCR-10-4											
6483B		OPER & SERV MAN MAN CHANGE	SEP68 MAR70	06483-90001 06483-90001	AUG81	5951-6220	8L	01	21	01					
6483C		OPER & SERV MAN MAN CHANGE	JUN71 JUN83	06483-90003 06483-90003	JAN85	06483-90004	8L	01	21	02					
64841A		ASSEMBLER SUPP OPER MAN	JAN80 NOV80	64841-90902 64841-90904	MAY80 OCT83	64841-90802* 64841-90804	8L	01	D2	01	USE 64841A FICHE 64841-90804				
64842A		ASSEMBLER SUPP OPER MAN	MAR80 NOV81	64842-90902 64842-90903	MAY80 OCT83	64842-90802* 64842-90803	8L	01	D2	02	USE 64842A FICHE 64842-90803				
64844A		ASSEMBLER SUPP	MAY80	64844-90902	JUN80	64844-90802	8L	01	D2	02	FOR ASSEMBLER 6805/6809				
64846A		ASSEMBLER SUPP	MAY83	64846-90902	JUL84	64846-90802	8L	01	D2	02	FOR ASSEMBLER 8048 SERIES				
64848A		ASSEMBLER SUPP	MAY80	64848-90902	SEP80	64848-90802	8L	01	D2	01	FOR 1802 MICROPROCESSOR				
64930A		SERV NOTE SET BELOW 64930A-1	APR81	WN PURGE OF OLD RAM IC'S TO PREVENT USE ON NEWER MODEL BDS											
64932A		SERV MAN MAN CHANGE PRELIM SERV MAN MAN CHANGE	OCT81 MAY82 FEB82 APR82	64932-90904 64932-90904 64932-90905 64932-90905	AUG82 NOV82	64932-90804 64932-90805	8L	01	D2	01					
64934A		OPER MAN	JAN83	64934-90902	APR83	64934-90802	8L	01	D2	01					
64934B		SERV BRIEF	FEB83	64934-90901	MAY83	64934-90801	8L	01	D2	01					
64940A		SERV MAN SERV MAN MAN CHANGE SERV NOTE SET BELOW 64940-0	JAN80 MAY80 APR84	64940-90903 64940-90905 64940-90905	JUN80 JUL84	64940-90803* 64940-90805	8L	01	08	02	USE 64940A FICHE 64940-90805				
			OCT81	FEB81 WN SERV NOTE LIST FOR 64940 TAPE DRIVE UNIT											

11/08/
MODE
NUMB

7004A/

7004B

7005A

7005AM

7005B

7010A

7010B

7015A

7015B

01F:SER
ENT COMPARATOR

90812

DRIVE MECH
DISC DRIVE

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DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
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11/08/
MODE
NUMB

IVE MECH
SC DRIVE

64934A	MAN CHANGE	APR82	64932-90905	APR83	64934-90802	8L	01	D2	01
64934B	SERV BRIEF	FEB83	64934-90901	MAY83	64934-90801	8L	01	D2	01
64940A	SERV MAN	JAN80	64940-90903	JUN80	64940-90803*	8L	01	08	02
	SERV MAN	MAY80	64940-90905	JUL84	64940-90805	8L	01	D2	02
	MAN CHANGE	APR84	64940-90905						
	SERV NOTE SET BELOW			OCT81					
	64940-0	FEB81	WN	SERV NOTE LIST FOR 64940 TAPE DRIVE UNIT					

7015B

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RIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 304
64940A		64940A-1A 64940-2A	JUL81	WO	ALL SER.MOD TO PREVENT CARTRIDGE TAPE DESPOOLING						
			MAY81	WM	INSTRUCT FOR OVERCOMING TAPE TRANSPORT SYS VERIF ERRORS						
64941A		SERV MAN	APR83	64941-90902	NOV84	64941-90802	8L	01	D2	03	
		MAN CHANGE - A	MAY84	64941-90902							
		MAN CHANGE - B	JUL84	64941-90902							
		SERV MAN	SEP83	64941-90903	DEC83	64941-90803	8L	01	D2	01	
		SERV NOTE SET BELOW			APR85						
		64941A-1A	JUN82	WN	ALL SER.CORRECT PROCD WHEN BOOTING FROM FLEXIBLE DIS						
		64941A-2A	-	-	ALL SER.CHNG OF VENDOR ON FLOPPY DISC DRIVE UNIT						
64980A		OPER MAN	FEB82	64980-90912	OCT83	64980-90812	8L	01	D2	02	
650A		OPER & SERV MAN	OCT64	650A-910	MAR71	650A-810		01	09	02	
		SERV NOTE SET BELOW			MAY78						
		650A-1	-		NOT AVAILABLE						
		650A-2	-		NOT AVAILABLE						
		650A-3B	JUL64	SER	025-U7948 THRU 150-09698.POWER OUTPUT MODIFICATION						
651A		SERV NOTE SET BELOW			MAY78						
		651A-1	APR65	SER	434-00675 & DOWN.OPER & SERV MAN CORRECTION						
		651A-2	AUG65	SER	434-00975 & DOWN.OUTPUT STAGE MOD						
		651A-3	NOV65	SER	434-01075 & DOWN.REPL TRANSISTERS A2Q4,A2Q5,A2Q10,A2Q11						
		651A-4A	FEB67	SER	434-01524 & DOWN.POWRLINE MOD						
		651A-5D	JAN68	ALL	SER.50 TO 75 OHM CONV MOD						
		651A-6C	JUN68	SER	547-02125 & DOWN.REC REPL TRANSTR						
		651A-7B	JUN74	WN	ALL SER.CONVERSION OF OUTPUT MONITOR TO DBM/600 OHMS						
		651A-8/651B-6	OCT72	WN	METER DIODE REPLACEMENT						
651B		OPER & SERV MAN	JAN74	00651-90008	FEB80	00651-90058	8L	01	09	02	
		MAN CHANGE	NOV79	00651-90008							
		MAN CHANGE UK	JAN76	00651-90008							
		INSTALL NOTE	DEC84	00652-90010	FEB85	00652-90210	8L	01	A1	01	
		SERV NOTE SET BELOW			APR81						
		651B-1	AUG67	WN	POWR MONITOR CONV TO DBM/600 OHMS						
		651B-2B	FEB69	WN	ALL SER.75 OHM OUTPUT CONVERSION						
		651B-3	NOV67		A217 REC REPLACEMENT						
		651B-4A	OCT72	WO	SER 911-01911 & DOWN.REC REPL OF POWER SUPPLY TRANSISTORS						
		651B-U-4A	DEC72	WO	SER 1201U-00895 & DOWN.REC REPL OF POWER SUPPLY TRANSISTORS						
		651B-5/652A-2A	AUG72	WO	SER 0961A06600 & DOWN.REC REPL OF POWER TRANSISTORS						
		651A-8/651B-6	OCT72	WN	METER DIODE REPLACEMENT						
		651B-U-6	DEC72	WN	ALL SER.METER CIR DIODES REPL						
		651B-7A	JUL75	WO	SER 1230A07800 & DOWN.A2Q11 & A2Q12 TRANSTR SOCKETS						
		651B-8	MAR75	WO	SER 1230A07905 & DOWN(USA),1230U07940 & DOWN(UK).POWR SUPPLY ASSY(A1) REPL.						
		651B-U-1000	APR73	WN	SER 1201U00925 & DOWN.POWR TRANSTR REPL						
		651B-9	JAN81	WO	ALL SER.PROC FOR ADJ ATTEN SHIELDING TO IMPR ATTEN ACCURACY SPECS						
6515A		OPER & SERV MAN	FEB67	06515-90001	JAN85	06515-90002	8L	01	21	01	
		MAN CHANGE	MAR80	06515-90001							
		SERV NOTE SET BELOW			APR79						
		6515A-1	JUN69		CORRECTED SCHEMATIC						
		6515A-2	OCT78	WO	SER 1712A04660 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.						
6516A		OPER & SERV MAN	OCT67	06516-90001	JAN85	06516-90002	8L	01	21	01	
		MAN CHANGE	APR82	06516-90001							

11/08/85
MODEL
NUMBER

7015B

7029A

7030A

7030A/AM

7034A

7035A

7035A/AM

7035B

7040A

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RIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 305
6516A		SERV NOTE SET BELOW			APR79						

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MODEL
NUMBER

7040A

6515A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6515A-1 6515A-2	FEB67 06515-90001 MAR80 06515-90001	JAN85 06515-90002 8L 01 21 01
6516A	OPER & SERV MAN MAN CHANGE	OCT67 06516-90001 APR82 06516-90001	JAN85 06516-90002 8L 01 21 01

APR79
CORRECTED SCHEMATIC
OCT78 WO SER 1712A04660 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 305
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6516A		SERV NOTE SET BELOW 611JA-1/6516A-1 6516A-2	MAY69 OCT78	WO SER BELOW 810.MOD TO IMPR 50 HZ OPER WO SER 1818A04030 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.							
652A		OPER & SERV MAN MAN CHANGE INSTALL NOTE SERV NOTE SET BELOW 652A-1 651B-5/652A-2A 652A-3 652A-4 652A-5 652A-6 652A-7A 651B-8	NOV74 NOV79 DEC84	00652-90006 00652-90006 00652-90010	FEB80 FEB85	00652-90056 00652-90210	8L	01	09	02 A1	
			NOV67 AUG72	A2R17 REC REPL WO SER 964A03070 & DOWN.POWR SUPPLY TRANSTR REC REPL NOT AVAILABLE							
			OCT72 JAN81 AUG82	WN METER CIR DIODE REPL WO ALL SER.PROC FOR ADJ ATTEN SHIELDING TO IMPR AT TEN ACCURACY SPECS WN ALL SER.REPL PROC FOR RNGE SW(S1)							
			JUL75 MAR75	WO SER 1226A03820 & DOWN.A2Q11 & A2Q12 REPL PRTS. WO SER 1226A04120 & DOWN(USA),1307U01205 & DOWN(UK).POWR SUPPLY ASSY(A1) REPL							
6521A		OPER & SERV MAN MAN CHANGE OPER & SERV MAN SERV NOTE SET BELOW 6521A-1 6521A-2/6522A-2/ 6525A-2 6521A-3/6522A-3/ 6525A-3 6521A-4/6522A-4/ 6525A-4 6521A-5 6521A-6 6521A-7-S	JUN66 OCT78 FEB80	06521-90001 06521-90001 06521-90003	JAN85 FEB83	06521-90002 06521-90004	8L	01	21	01 01	
			OCT68 JAN69	WN SER BELOW 5J0320.PREF REPL SCR'S 6521A SER BELOW 760400.MOD TO ELIM FUSE BLOWING							
			FEB70	WN 6521A SER BELOW 440.MOD TO IMPR REL							
			SEP70	WO 6521A SER BELOW 590.MOD TO ALLOW LINE POWER TO CYCLE RAPIDLY MOD TO IMPR REL & GEN UPDATING.NOT AVAILABLE							
			OCT78 AUG84	WO SER 1818A01190 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. WA SAFETY.SER 2115A01630 & BELOW.POSS SHOCK HAZ							
6522A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6522A-1 6521A-2/6522A-2/ 6525A-2 6521A-3/6522A-3/ 6525A-3 6521A-4/6522A-4/ 6525A-4 6522A-6 6522A-7-S	JUL66 APR82	06522-90001 06522-90001	FEB83	06522-90002	8L	01	21	01	
			OCT68 JAN69	WN SER BELOW 5J0369.PREF REPL SCR'S 6522A SER BELOW 7H0540.MOD TO ELIM FUSE BLOWING							
			FEB70	WN 6522A SER BELOW 509.MOD TO IMPR REL							
			SEP70	WO 6522A SER BELOW 658.MOD TO ALLOW LINE POWER TO CYCLY RAPIDLY							
			OCT78 AUG84	WO SER 1820A01267 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. WA SAFETY.ALL SER.POSS SHOCK HAZ							
6525A		OPER & SERV MAN SERV NOTE SET BELOW 6525A-1 6521A-2/6522A-2/ 6525A-2 6521A-3/6522A-3/ 6521A-4/6522A-4/ 6525A-4 6525A-6 6525A-7-S	JUL81	06525-90003	FEB82	06525-90004	8L	01	21	01	
			OCT68 JAN69	WN SER BELOW 5J1271.PREF REPL SCR'S 6525A SER BELOW 7F1494.MOD TO ELIM FUSE BLOWING							
			FEB70 SEP70	WN 6525A SER BELOW 1471.MOD TO IMPR REL WO 6525A SER BELOW 1741.MOD TO ALLOW LINE POWER TO CYCLE RAPIDLY							
			OCT78 AUG84	WO SER 1827A02471 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763. WA SAFETY.SER 2113A02850 & BELOW.POSS SHOCK HAZ							

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 306
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
653A		OPER & SERV MAN SERV NOTE SET BELOW	JUN76	00653-90004	DEC76	00653-90054	8L	01	09	02	

6525A-1 OCT68 WN SER 5J1271.PREF REPL SCR'S
 6521A-2/6522A-2/ JAN69 6525A SER BELOW 7F1494.MOD TO ELIM FUSE BLOWING
 6525A-2
 6521A-3/6522A-3/ FEB70 WN 6525A SER BELOW 1471.MOD TO IMPR REL
 6521A-4/6522A-4/ SEP70 WN 6525A SER BELOW 1741.MOD TO ALLOW LINE POWER TO CYCLE RAPIDLY
 6525A-4
 6525A-6 OCT78 WO SER 1827A02471 & BELOW.REC MOD TO REPLACE ZENER DIODE 1902-0763.
 6525A-7-S AUG84 WA SAFETY.SER 2113A02850 & BELOW.POSS SHOCK HAZ

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	11/08/85 MODEL NUMBER
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
653A		OPER & SERV MAN SERV NOTE SET BELOW 653A-1A 653A-2 653A-3 653A-4/654A-2	JUN76	00653-90004	DEC76	00653-90054	8L	01	09	02	7045B
					MAY78						
					OCT72	WA SER 955-00281 & DOWN.IMPR SYNC STAB					
					SEP71	WO ATTEN SWTCH MAINT PROC					
					JUL75	WO SER 0260A00586 THRU 090A00589. 0960A00576 & DOWN. IMPR OSCIL & OUTPUT ASSY					7046A
					JUL75	WO SER 0960A00650 & DOWN.A2C42 MOD					
653A-H01		OPER & SERV MAN	JUN76	00653-90004	DEC76	00653-90054	8L	01	09	02	
654A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 654A-1 653A-4/654A-2	OCT75	00654-90003	FEB80	00654-90053	8L	01	09	02	
					NOV79	00654-90003					
						MAY78					
					MAR74	WO SER 0951A01520 & DOWN.HF DIST RED					
					JUL75	WO SER 0951A02355 & DOWN.A2C42 REC REPL					
65605L		CONT'D				NEW A1-CONTROL BD					
65605M		CONT'D				NEW A1-CONTKOL BD					
670G/GM		OPER & SERV MAN MAN CHANGE	JAN57	670G-501A	OCT72	5951-6232	8L	01	04	01	
			JAN00	670G-501A							
670H/HM		OPER & SERV MAN MAN CHANGE	JAN57	670H-501D	MAY78	5951-6233	8L	01	04	01	7046B
			JAN00	670H-501D							
670J		OPER & SERV MAN	JAN00	670J-501A	OCT75	00670-90003	8L	01	04	01	
670JM		OPER & SERV MAN	JAN00	670J-501A	OCT75	00670-90003	8L	01	04	01	7047A
670S		OPER & SERV MAN	JAN00	670S-501A	OCT75	00670-90004	8L	01	04	01	
670SM		OPER & SERV MAN	JAN00	670S-501A	OCT75	00670-90004	8L	01	04	01	
675A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 675A-1 675A-2 675A-3	SEP70	00675-90001	JUL73	00675-90051	01	09	03		
			MAY73	00675-90001							
						MAY78					
					JAN70	WO SER 818-00351 & DOWN.A11CR1 & A11CR2 REC REPL					
					APR73	WA SER 1142A00686 TO 1142A00806.A4 RAMP SHAPING POTS INSTAL MOD					
					FEB74	WO ALL SER.FREQ DRIFT IMPROVEMENT					
676A		OPER & SERV MAN SERV NOTE SET BELOW 676A-1	FEB72	00676-90001	MAY72	00676-90051	01	09	02		7050A
					JAN80						7090A
					FEB69	WA SYSTEM COMPATIBILITY CHECK					
680		OPER & SERV MAN SERV NOTE SET BELOW 133 680-1 680-2 680-3 680-4A 680-5 680-6 680-7-S	MAR83	00680-90008	MAY83	00680-90058	8L	01	11	02	
					JAN80						
					MAY65	OFF SCALE GAIN REDUCTION CIRCUIT					
					AUG65	PRESSURE SENSI PAPER OPTION.OBSOLETE					
					AUG65	SER 1900 & DOWN.NEW 60:1.REDESIGNED GEAR CHANGER					710B
					NOV65	PRESSURE SENSI WRITING MOD.OBSOLETE					
					FEB68	SERVO DRIVE CABLE REC REPLACEMENT					
					AUG67	M302 CHART DRIVE MOTOR REC REPLACEMENT					7100
					OCT71	WO SER 09826 & DOWN.CR307 & CR308 REC REPLACEMENT IS 1901-0033					
					SEP79	WN SAFETY.ALL SER BEFORE 1200.MOD TO IMPROVE SAFETY GRNDING					

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	11/08/85 MODEL NUMBER
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
680		680-8	OCT79	WN ALL SER.PREFERRED GEAR PLATE IN TRANSMISSION ASSYS							7100
680 SERIES		OPER & SERV MAN MAN CHANGE	AUG68	00680-90002	OCT79	00680-90052	8L	01	11	02	
			AUG79	00680-90002							

680-2
680-3
680-4A
680-5
680-6
680-7-S

AUG65 SER 1900 & DOWN.NEW 60:1.REDESIGNED GEAR CHANGER
NOV65 PRESSURE SENSI WRITING MOD.OBSOLETE
FEB68 SERVO DRIVE CABLE REC REPLACEMENT
AUG67 M302 CHART DRIVE MOTOR REC REPLACEMENT
OCT71 WO SER 09826 & DOWN.CR307 & CR308 REC REPLACEMENT IS 1901-0033
SEP79 WN SAFETY.ALL SER BEFORE 1200.MOD TO IMPROVE SAFETY GRNDING

710B

7100

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11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 307
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

680 680-8 OCT79 WN ALL SER.PREFERRED GEAR PLATE IN TRANSMISSION ASSYS
680 SERIES OPER & SERV MAN AUG68 00680-90002 OCT79 00680-90052 8L 01 11 02
MAN CHANGE AUG79 00680-90002
OPER & SERV MAN OCT70 00680-90003 APR84 00680-90053 8L 01 11 01

681 SERV NOTE SET BELOW JAN80
680-5 AUG67 M302 CHART DRIVE MOTOR REC REPLACEMENT
681 SERIES OPER & SERV MAN AUG68 00680-90002 OCT79 00680-90052 8L 01 11 02
MAN CHANGE AUG79 00680-90002

682 SERIES OPER & SERV MAN AUG68 00680-90002 OCT79 00680-90052 8L 01 11 02
MAN CHANGE AUG79 00680-90002

682C OPER & SERV MAN MAY61 682C-900 OCT75 00682-90001 8L 01 04 02
MAN CHANGE SEP63 682C-900

6823A OPER & SERV MAN NOV66 06823-90001 SEP82 06823-90002 8L 01 21 01
MAN CHANGE MAR73 06823-90001

6824A OPER & SERV MAN JUL66 06824-90001 FEB83 06824-90002 8L 01 21 01
MAN CHANGE SEP82 06824-90001
SERV NOTE SET BELOW OCT79
6824A-1 JUL79 WO SER 1914A02730 & BELOW.PREF REPL PART FOR TRANSISTOR Q2, Q13, Q14.

6825A OPER & SERV MAN MAR74 06825-90001 FEB83 06825-90002 8L 01 21 02
MAN CHANGE MAY82 06825-90001
SERV NOTE SET BELOW APR82
6825A-1/6826A-1/ JAN78 ALL SER.REC PROC TO PREPARE UNIT FOR RACK MOUNTING
6827A-1
6825A-2/6826A-2/ OCT81 WO 6825A:SER 2048A00880 & BELOW;6826A:SER 2047A00780 & BELOW;6827A:SER 2047A00920 & BEL
6827A OW;MOD TO IMPROVE LOW LINE OPER

6826A OPER & SERV MAN JAN74 5950-1702 APR74 5950-1721 01 21 02
SERV NOTE SET BELOW APR82
6825A-1/6826A-1/ JAN78 ALL SER.REC PROC TO PREPARE UNIT FOR RACK MOUNTING
6827A-1
6825A-2/6826A-2/ OCT81 WO 6825A:SER 2048A00880 & BELOW;6826A:SER 2047A00780 & BELOW;6827A:SER 2047A00920 & BEL
6827A OW;MOD TO IMPROVE LOW LINE OPER

6827A OPER & SERV MAN JAN74 5950-1702 APR74 5950-1721 01 21 02
SERV NOTE SET BELOW APR82
6825A-1/6826A-1/ JAN78 ALL SER.REC PROC TO PREPARE UNIT FOR RACK MOUNTING
6827A-1
6825A-2/6826A-2/ OCT81 WO 6825A:SER 2048A00880 & BELOW;6826A:SER 2047A00780 & BELOW;6827A:SER 2047A00920 & BEL
6827A OW;MOD TO IMPROVE LOW LINE OPER

683 SERIES OPER & SERV MAN AUG68 00680-90002 OCT79 00680-90052 8L 01 11 02
MAN CHANGE AUG79 00680-90002

683A OPER & SERV MAN DEC60 683A-501B NOV74 00683-90001 01 04 03

683C OPER & SERV MAN OCT61 683C-900 OCT74 00683-90002 01 04 02
MAN CHANGE SEP63 683C-900

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7100

7100B

7101

7101B

7102A

7103A

711A

712A

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

6830A OPER & SERV MAN MAY74 06830-90001 MAY82 06830-91002 8L 01 21 02
MAN CHANGE APR75 06830-90001

6831A OPER & SERV MAN FEB74 5950-1703 SEP81 5950-1767 8L 01 21 02
MAN CHANGE APR75 5950-1703

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712B

712C

INTERRUPT

683A	OPER & SERV MAN	DEC60 683A-501B	NOV74 00683-90001	01 04 03
683C	OPER & SERV MAN MAN CHANGE	OCT61 683C-900 SEP63 683C-900	OCT74 00683-90002	01 04 02

711A

712A

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USER DMA

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
6830A		OPER & SERV MAN MAN CHANGE	MAY74 APR75	06830-90001 06830-90001	MAY82	06830-91002	8L 01 21 02					
6831A		OPER & SERV MAN MAN CHANGE	FEB74 APR75	5950-1703 5950-1703	SEP81	5950-1767	8L 01 21 02					
6832A		OPER & SERV MAN MAN CHANGE	FEB74 APR75	5950-1703 5950-1703	SEP81	5950-1767	8L 01 21 02					
684A		OPER & SERV MAN MAN CHANGE	JAN59 OCT59	684A-501A 684A-501A	NOV72	5080-5786	8L 01 04 03					
684C		OPER & SERV MAN MAN CHANGE	AUG62 DEC72	684C-900 684C-900	MAR75	00684-90001	01 04 02					
685/686/687		SERV NOTE SET BELOW			MAY78							
		680-5	AUG67	M302 CHART DRIVE MOTOR REC REPLACEMENT								
		682A-1	-	INSTL OF RF PWR LEVELER KIT								
		682A-2	JUL61	CR1 + CR2 DIODE KIT PN 682A-95A								
		682A-4A	NOV64	MOD + ADJ PROCEDURES.SUPERSEDES 686A-1A + 682A-3								
		682A-5	MAR63	LIMITING HELIX FLYBACK OVERSHOOT								
		684A-1C	NOV71	WN BWO TUBE REPLACEMENT								
685A		OPER & SERV MAN MAN CHANGE	JAN59 OCT59	685A-501A 685A-501A	AUG72	5080-5715	8L 01 04 03					
686A		OPER & SERV MAN MAN CHANGE 1 MAN CHANGE 2	APR60 APR62 APR62	686A-501D 686A-501D 686A-501D	FEB71	00686-90002	01 04 03					
686A-H01		OPER & SERV MAN MAN CHANGE	JAN00 DEC62	686A-501C 686A-501C	OCT74	00686-90001	01 04 03					
686C		OPER & SERV MAN	FEB63	686C-901	MAR76	00686-90003	8L 01 04 02					
686C-H01		OPER & SERV MAN	FEB63	686C-901	MAR76	00686-90003	8L 01 04 02					
687A		OPER & SERV MAN MAN CHANGE	JAN00 JUN61	687A-501A 687A-501A	SEP75	00687-90001	8L 01 04 03					
687C		OPER & SERV MAN MAN CHANGE	SEP61 JAN63	687C-900 687C-900	SEP75	00687-90002	8L 01 04 02					
690-E01		OPER & SERV MAN MAN CHANGE-A MAN CHANGE-B MAN CHANGE-C	JAN66 APR66 MAY67 OCT67	00691-9286 00691-9286 00691-9286 00691-9286	APR81	5080-5743	8L 01 04 04					
690A/B		SERV NOTE SET BELOW			MAY78							
		690A-1	-	CONV OF A TO B SER.NOT AVAILABLE								
		690A/B-1	MAR64	SER 409-00161 & DOWN.UPDATING MOD								
		690A/B-2	APR64	SER 410-00186 & DOWN.IMPR STAB MOD								
		690A/B-3A	MAY65	SER 341-00121 & UP.OPTION 01 INSTAL								
		690A/B-4	JUL64	SER 424-00361 & DOWN.UPDATING MOD								

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712C

7123A

7123A-035

7123A-045

7123A-048

7123B

7123B-035

7123B-045

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690A/B		690A/B-5	NOV64	BLANKING OUTPUT ADDITION MOD								
690C/D		SERV NOTE SET BELOW			MAY78							
		690C/D-1	DEC65	SER 548-00401 & DOWN.ANODE FUSE PROTECTION								
		690C/D-2	APR66	SER 548-00806 & DOWN.TURNON RED MOD								
		690C/D-3	MAY66	SER 548-00401 & DOWN.REC RESIST MOD								
		690C/D-4	MAY68	NEON LAMPS DS1 2 3 REC REPLACEMENT								

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7124A

690A/B-1 MAR64 SER 409-00161 & DOWN.UPDATING MOD
 690A/B-2 APR64 SER 410-00186 & DOWN.IMPR STAB MOD
 690A/B-3A MAY65 SER 341-00121 & UP.OPTION 01 INSTAL
 690A/B-4 JUL64 SER 424-00361 & DOWN.UPDATING MOD

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690A/B		690A/B-5	NOV64			BLANKING OUTPUT ADDITION MOD					
690C/D		SERV NOTE SET BELOW			MAY78						
		690C/D-1	DEC65	SER 548-00401		& DOWN.ANODE FUSE PROTECTION					
		690C/D-2	APR66	SER 548-00806		& DOWN.TURNON RED MOD					
		690C/D-3	MAY66	SER 548-00401		& DOWN.REC RESIST MOD					
		690C/D-4	MAY68			NEON LAMPS DS1,2,3 REC REPLACEMENT					
		690C/D-5	APR67	SER 630-01076		& DOWN.TRIGGER OPER MOD					
6901S		INSTALL & VERIF MAN	JUL83	06901-90001	AUG85	06901-90002	8L	01	21	01	
		MAN CHANGE	JUN84	06901-90001							
		OPER MAN	OCT83	06901-90003	JUN85	06901-90004	8L	01	21	02	
		SOFTWARE REFER MAN	OCT83	06901-90005	JUN85	06901-90006	8L	01	21	03	
		MAN CHANGE	NOV83	06901-90005							
691A		OPER & SERV MAN	MAR66	00691-928	FEB71	00691-90029	01	45	04		FOR SERIAL PFXES 423- & BELOW
		OPER & SERV MAN	OCT65	00691-926	SEP73	00691-90032	01	45	03		FOR SERIAL PFXES 424- & ABOVE
		MAN CHANGE	MAR66	00691-926							
691B		OPER & SERV MAN	APR65	00691-923	MAR71	00691-90030	01	45	04		FOR SERIAL PFXES 424- & ABOVE
		MAN CHANGE.	JUL65	00691-923							
		OPER & SERV MAN	JAN66	00691-927	APR71	00691-90031	01	45	04		FOR SERIAL PFXES 422- & BELOW
691D		OPER & SERV MAN	JUL65	00693-938	JAN71	00693-90003	01	45	04		
		MAN CHANGE	JUL66	00693-938							
6910A/AM		INSTRUCT & OPER MAN	JAN00	06910-90002	MAY78	5951-6215	8L	01	21	01	
		MAN CHANGE	AUG65	06910-90002							
6917B		OPER & SERV MAN	MAY67	06917-90001	NOV84	06917-90004	8L	01	21	01	
		SERV NOTE SET BELOW			APR79						
		6917B-1	SEP69	WO SER 00202		& UP.MOD TO IMPR 208- & 230- VOLT OPERATION					
692A		OPER & SERV MAN	MAR66	00691-928	FEB71	00691-90029	01	45	04		FOR SERIAL PFXES 423- & BELOW
		OPER & SERV MAN	OCT65	00691-926	SEP73	00691-90032	01	45	03		FOR SERIAL PFXES 424- & ABOVE
		MAN CHANGE	MAR66	00691-926							
692B		OPER & SERV MAN	APR65	00691-923	MAR71	00691-90030	01	45	04		FOR SERIAL PFXES 424- & ABOVE
		MAN CHANGE.	JUL65	00691-923							
		OPER & SERV MAN	JAN66	00691-927	APR71	00691-90031	01	45	04		FOR SERIAL PFXES 422- & BELOW
692D		OPER & SERV MAN	JUL65	00693-938	JAN71	00693-90003	01	45	04		
		MAN CHANGE	JUL66	00693-938							
6920A		OPER & SERV MAN	FEB65	06920-90004	MAY82	06920-90007	8L	01	21	01	
		SERV NOTE SET BELOW			MAY78						
		6920A-1	-	SER 5K0101 TO 6D00350.MOD TO STOP AC OSCIL & DESTRUCT OF DIFFERENTIAL AMPLFR							
		6920A-2	NOV69	WN SER BELOW 1350.MOD TO RED LOW RANGE RIPPLE ON DC OUTPUT							
		6920A-3	JUN70	WN MOD FOR UPDATING 6920A TO 6920B EQVLT							
		6920A-4	FEB71	WN ALL SER.CALIBRATING & SERVICE TIPS							
6920B		OPER & SERV MAN	JAN67	06920-90001	FEB85	06920-90003	8L	01	21	02	
		MAN CHANGE	JUL82	06920-90001							
		SERV NOTE SET BELOW			MAY78						
		6920B-1	-	SER 5K0101 TO 6D00350.MOD TO STOP AC OSCIL & DESTRUCT OF DIFFERENTIAL AMPLFR							

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7124A

7124B

7127

7127A

7128

7128A

7130 SERIES

7130-038

7130-054

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6920B		6920B-2	NOV69	WN SER BELOW 1350.MOD TO RED LOW RANGE RIPPLE ON DC OUTPUT							
		6920B-3	JUN70	WN MOD FOR UPDATING 6920A TO 6920B EQVLT							
		6920B-4	FEB71	WN ALL SER.CALIBRATING & SERVICE TIPS							
		6920B-5	APR75	WO MOD TO MINIMIZE LOCKDOWN IN AC MODE							
69280A		OPER NOTE	JAN79	69280-90001	APR83	69280-90002	8L	01	21	01	
693A		OPER & SERV MAN	MAR66	00691-928	FEB71	00691-90029	01	45	04		FOR SERIAL PFXES 423- & BELOW

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7130A

MAN CHANGE
SERV NOTE SET BELOW
6920B-1

JUL82 06920-90001

MAY78

SER 5K0101 TO 6D00350.MOD TO STOP AC OSCIL & DESTRUCT OF DIFFERENTIAL AMPLFR

7130-054

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*** DESCRIPTION ***											*** DESCRIPTION ***					*** DESCRIPTION ***					
6920B		6920B-2 6920B-3 6920B-4 6920B-5	NOV69	WN SER BELOW 1350.MOD TO RED LOW RANGE RIPPLE ON DC OUTPUT																	
			JUN70	WN MOD FOR UPDATING 6920A TO 6920B EQVLT																	
			FEB71	WN ALL SER.CALIBRATING & SERVICE TIPS																	
			APR75	WO MOD TO MINIMIZE LOCKDOWN IN AC MODE																	
69280A		OPER NOTE	JAN79	69280-90001	APR83	69280-90002	8L	01	21	01											
693A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAR66	00691-928	FEB71	00691-90029	01	45	04	FOR SERIAL PFXES 423- & BELOW											
			OCT65	00691-926	SEP73	00691-90032	01	45	03	FOR SERIAL PFXES 424- & ABOVE											
			MAR66	00691-926																	
693B		OPER & SERV MAN MAN CHANGE.	APR65	00691-923	MAR71	00691-90030	01	45	04	FOR SERIAL PFXES 424- & ABOVE											
			JUL65	00691-923																	
693C-E10		OPER NOTE	JAN74	08693-90015	APR75	08693-90016	01	45	01												
693D		OPER & SERV MAN MAN CHANGE	JUL65	00693-938	JAN71	00693-90003	01	45	04												
			JUL66	00693-938																	
69300A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69301A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69302A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69303A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69304A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69310A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69311A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69312A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69313A		OPER & SERV MAN	SEP70	5950-5911	NOV70	5950-5915	01	21	01												
69320A		OPER & SERV MAN MAN CHANGE	OCT70	69320-90001	APR72	69320-90002	01	21	02												
			JAN72	69320-90001																	
69321A		OPER & SERV MAN MAN CHANGE	FEB71	69321-90001	MAR73	69321-90002	01	21	02												
			AUG72	69321-90001																	
69321B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 69321B-1	DEC72	69321-90003	APR83	69321-90004	8L	01	21	01											
			JUL82	69321-90003	OCT78																
			APR74	WO ALL SER.REPLACEMENT UNIT																	
69322A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 69322A-1	DEC77	69322-90001	OCT78	69322-90002	8L	01	21	01											
			APR78	69322-90001	APR79																
			MAR78	WO MOD TO INCR RANGE OF GAIN ADJ																	
6933A		SERV NOTE SET BELOW 6130A-1/6130B-1/	MAY78	AUG69	WO MOD TO CORRECT ERRATIC OPER AT LOW LINE VOLTAGES																

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NUMBER

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7130A

OP
MA
SE
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7130B

SE
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7131A

OP
SE
71
71
71

7131B

OP
SE
71
71
71

7132A

OP
SE
71
71

7133A

OP
SE
71
71

7143A

OP
MA
SE
71
71
71

7143B

OP
MA

715A

OP
SE
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71

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*** DESCRIPTION ***											*** DESCRIPTION ***					*** DESCRIPTION ***				
6933A		6933A-1 6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	FEB71	WN MOD TO PROVIDE EASIER "POSITIVE ZERO" ADJUSTMENT																
		6933A-3 6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	JUN72	WO ALL SER.MOD TO IMPR A2 BUFFER REL																
			FEB71	WN MOD TO PROV EASY "POSITIVE ZERO" ADJ																

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NUMBER

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7155A

OP
MA
SE
71
71
71

7155B

OP

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6933A		6933A-1 6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	FEB71	WN	MOD TO PROVIDE EASIER "POSITIVE ZERO" ADJUSTMENT						
		6933A-3 6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	JUN72	WO	ALL SER.MOD TO IMPR A2 BUFFER REL						
			FEB71	WN	MOD TO PROV EASY "POSITIVE ZERO" ADJ						
6933B		SERV NOTE SET BELOW									
		6933B-1									
		6130B-2/6131B-1/ 6933B-2	JUN70	WN	SER BELOW 00160.MOD TO IMPR TEMP COEFFICIENT & POWER SUPPLY RELIABILITY						
		6130B-3/6131B-2/ 6933B-3	OCT70	WN	SER BELOW 00180.MOD OF GATE PULSE GENERATOR FOR ONLY ONE INITIAL STATE						
		6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	FEB71	WN	MOD TO PROV EASY "POSITIVE ZERO" ADJ						
		6130A-2/6130B-4/ 6131B-3/6933A-2/ 6933B-4	FEB71	WN	MOD TO PROV EASY "POSITIVE ZERO" ADJ						
		6933B-5	JUN72	WO	ALL SER.MOD TO IMPR A2 BUFFER REL						
6933B BCD		OPER & SERV MAN MAN CHANGE	MAR70	06933-90003	APR74	06933-90006	01	21	02		
			OCT73	06933-90003							
6933B BIN		OPER & SERV MAN MAN CHANGE	MAR70	06933-90004	APR74	06933-90005	01	21	02		
			OCT73	06933-90004							
69330A		OPER & SERV MAN MAN CHANGE	NOV70	69330-90001	OCT85	69330-90002	8L	01	21	01	
			JAN82	69330-90001							
69331A		MAN CHANGE	MAR79	69331-90001	JAN85	69331-90002	8L	01	21	01	
69331B		OPER & SERV MAN	FEB82	69331-90003	APR83	69331-90004	8L	01	21	01	
69332A		OPER & SERV MAN MAN CHANGE	FEB73	69332-90001	APR83	69332-90002	8L	01	21	01	
			MAY80	69332-90001							
69335A		OPER & SERV MAN MAN CHANGE	APR74	69335-90001	APR83	69335-90002	8L	01	21	01	
			MAR79	69335-90001							
69336A		OPER & SERV MAN MAN CHANGE	FEB80	69336-90001	JAN85	69336-90002	8L	01	21	01	
			JAN00	69336-90001							
69336B		OPER & SERV MAN	JUN82	69336-90007	APR83	69336-90008	8L	01	21	02	
69340A		OPER & SERV MAN	JUL71	69340-90001	OCT71	69340-90002	01	21	01		
69351A		OPER & SERV MAN MAN CHANGE	OCT70	69320-90001	APR72	69320-90002	01	21	02		
		OPER & SERV MAN MAN CHANGE	JAN72	69320-90001							
			FEB71	69321-90001	MAR73	69321-90002	01	21	02		
			AUG72	69321-90001							
69351A/B		SERV NOTE SET BELOW			APR79						

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7155A	OPER MAN SERV 7155 7155 7155
7155B	OPER MAN SERV 7155
716A	OPER MAN SERV 716A
716B	OPER MAN
717A	OPER
7200	SERV 7200 7200 7200 9862 720 72 7200 7200 7200 9862 721 72 7 9862 720 72 9862 720 72 7200 7200 720 7200 CON 7200 720 9 7200 720 72

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
69351A/B		69351A-1/69351B-1	OCT78	WO	A ALL SER/B SER 1818A02638 & BELOW.MOD TO USE ZENER DIODE 1902-0785.						
69351B		OPER & SERV MAN MAN CHANGE	NOV75	69351-90002	FEB85	69351-90003	8L	01	21	01	
			SEP78	69351-90002							
69351C		OPER & SERV MAN	MAR83	69351-90004	OCT83	69351-90005	8L	01	21	01	
6936A		OPER & SERV MAN MAN CHNAGE	SEP70	06936-90001	NOV84	06936-90002	8L	01	21	02	
		SERV NOTE SET BELOW	SEP72	06936-90001							
					MAY78						

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7200	B 7200 7200 720 91
7201	SERV 9862 720 72

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
69351A/B		69351A-1/69351B-1	OCT78	WO A ALL SER/B	SER 1818A02638	& BELOW.	MOD TO USE ZENER DIODE 1902-0785.					
69351B		OPER & SERV MAN MAN CHANGE	NOV75 SEP78	69351-90002 69351-90002	FEB85	69351-90003	8L 01 21 01					
69351C		OPER & SERV MAN	MAR83	69351-90004	OCT83	69351-90005	8L 01 21 01					
6936A		OPER & SERV MAN MAN CHNAGE SERV NOTE SET BELOW 6936A-1 6937A-1 6937S-1	SEP70 SEP72	06936-90001 06936-90001	NOV84	06936-90002	8L 01 21 02					
					MAY78							
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
6936S		OPER & SERV MAN SERV NOTE SET BELOW 6936S-1 6937A-1 6937-1	FEB71	06936-90901	MAR79	06936-90801	8L 01 08 01					
					MAY78							
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SERIALS BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
69360A		OPER & SERV MAN	NOV72	69360-90001	AUG81	5950-1891	8L 01 21 01					
6937A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6936A-1 6937A-1 6937S-1	OCT70 MAR72	06937-90001 06937-90001	NOV84	06937-90002	8L 01 21 01					
					MAY78							
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SERIAL BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
6937S		SERV NOTE SET BELOW 6936S-1 6937A-1 6937S-1			MAY78							
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SER B		LINE FUSE & CAP CHANGE					
			AUG71	WN 6936A/S	SER BELOW 172;6937A/S	SER BELOW 128.	LINE FUSE & CAP CHANGE					
69370A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 69370A-1	NOV72 JUL82	69370-90001 69370-90001	APR83	69370-90002	8L 01 21 01					
					OCT78							
			APR74	WO ALL SER.	REPLACEMENT UNIT							
6938A		SERV NOTE SET BELOW			OCT85							
69380A		OPER & SERV MAN MAN CHANGE	JUN72 JUL82	69380-90001 69380-90001	APR83	69380-90002	8L 01 21 01					
694A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAR66 OCT65 MAR66	00691-928 00691-926 00691-926	FEB71 SEP73	00691-90029 00691-90032	01 45 04 FOR SERIAL PFXES 423- & BELOW 01 45 03 FOR SERIAL PFXES 424- & ABOVE					
694B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 694B-1	APR65 JUL65	00691-923 00691-923	MAR71	00691-90030	01 45 04 FOR SERIAL PFXES 424- & ABOVE					
					MAY78							
			OCT65	ANODE FUSE PROTECTION								
694C-E10		OPER NOTE	JAN74	08693-90015	APR75	08693-90016	01 45 01					

11/08/85
MODEL
NUMBER

7200

7201

7202

11/08/85
MODEL
NUMBER

7202

B-4
7200A-
7200A-
7202/
9125SERV M
9862A-
7203A-
72019862A-
7203A-
72019862A-
7203A-
72019862A-
7210A-
72027200A-
7202A-
91259862A-
7200A-
7202A-
7210A-
72027200A-
7202A-
9125SERV M
7200A/
7200A/
7200A/
9862A-
7203A-
72017200A-
9862A-
7210A-
72027200A-
9862A-
7210A-
72027200A-
9862A-
7210A-
72029862A-
7203A-
72019862A-
7203A-
72017200A-
7202A-
7200A-
7203A-
7200A-7200A-
7203A-
7200A-CONT'
7202A-
7210A-
7200A-
7202A-
91259862A-
7200A-
7202A-
7210A-
B-47200A-
7202A-
7210A-
B-4

7200A-

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M P D P L T V G	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
694D		OPER & SERV MAN MAN CHANGE	JUL65 JUL66	00693-938 00693-938	JAN71	00693-90003	01 45 04					
6940		SERV NOTE SET BELOW 6940A-1 6940A-2 6940A-3/6940B-1			JAN81							
			JUN74	WO SER BELOW 1321A00476.	ADDED PROTEC ON THE -12V LINE							
			OCT75	WO SER BELOW 1321A00538.	INCR DRIVE CAPABILITY OF THE 1 MHZ OSCIL							
			APR75	COMPATIBILITY & INTERCHNGABILITY OF MODEL 6940/41A & 6940/41B								
6940A		OPER & SERV MAN MAN CHANGE OPER PROC	AUG72 MAY73 JUN72	06940-90003 06940-90003 14543-90005	MAR76	06940-90004	8L 01 21 03					
					JUN83	14543-90005	8L 01 21 01	USING 14905-60001 REV.B				

11/08/85
MODEL
NUMBER

7202

CONT'
7202A-
7210A-
7200A-
7202A-
91259862A-
7200A-
7202A-
7210A-
B-47200A-
7202A-
7210A-
B-4

7200A-

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 313
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

694D OPER & SERV MAN MAN CHANGE JUL65 00693-938 JUL66 00693-938 JAN71 00693-90003 01 45 04

6940 SERV NOTE SET BELOW 6940A-1 6940A-2 6940A-3/6940B-1 JUN74 WO SER BELOW 1321A00476. ADDED PROTEC ON THE -12V LINE JAN81
 OCT75 WO SER BELOW 1321A00538. INCR DRIVE CAPABILITY OF THE 1 MHZ OSCIL
 APR75 COMPATIBILITY & INTERCHNGABILITY OF MODEL 6940/41A & 6940/41B

6940A OPER & SERV MAN MAN CHANGE OPER PROC AUG72 06940-90003 MAY73 06940-90003 JUN72 14543-90005 MAR76 06940-90004 JUN83 14543-90009 8L 01 21 03 8L 01 21 01 USING 14905-60001 REV.B

6940B USERS GUIDE OPER & SERV MAN MAN CHANGE PROG GUIDE PROG GUIDE PROG GUIDE SERV NOTE SET BELOW 6940B-2/6941B-1 6940B-3/6941B-2 JUL75 59500-90003 JUN79 06940-90007 JUN82 06940-90007 MAR82 06940-90009 MAR82 06940-90010 MAR82 06940-90016 SEP75 59500-90004* FEB83 06940-90008 FEB83 06940-90024 FEB83 06940-90025 FEB83 06940-90026 8L 01 21 02 8L 01 21 03 8L 01 21 01 8L 01 21 01 8L 01 21 01 USE 59500A FICHE 59500-90002

6941 SERV NOTE SET BELOW 6941A-1 JUN74 WO SER BELOW 1242A00290. ADDED PROTECT ON -12V LINE JAN81

6941A OPER & SERV MAN MAN CHANGE DEC71 06941-90001 JUL72 06941-90001 NOV72 06941-90002 01 21 02

6941B OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6940B-2/6941B-1 6940B-3/6941B-2 MAR75 06941-90003 MAY83 06941-90003 JAN85 06941-90004 8L 01 21 02
 JAN81
 - WO SER BELOW 1750A00730. MOD REC
 SEP80 WO SER 2008A04410 & BELOW. MOD TO OVERVLTG DET TO IMPROVE PERF

6942A USERS GUIDE INSTALL & SERV MAN QUICK REF GUIDE USERS GUIDE USERS GUIDE PROG NOTE SERV NOTE SET BELOW 6942A-6944A 6942A-2 6942A-3 6942A-4 6942A-5/6943A-2 6942A-6 6942A-7A 6942A-8 6942A-10/6944A-1 6942A-11 NOV79 06942-90003 APR81 06942-90006 JUL80 06942-90004 DEC81 06942-90011 AUG82 06942-90013 SEP82 06942-90015 SEP80 06942-90005 FEB83 06942-90007 FEB83 06942-90026 FEB83 06942-90027 FEB83 06942-90028 FEB83 06942-90030 8L 01 21 03 8L 01 21 03 8L 01 21 01 8L 01 21 03 8L 01 21 03 8L 01 21 02 OCT85
 "SUPERSEDED BY 6942A-10"
 MAY81 WN SER 2039A1050 & BELOW. REC FRONT PANEL CHANGE
 JUL81 WO SER 2039A01050 & BELOW. MOD TO ELIM UNWANTED SELF-TEST LOOPING
 OCT81 WO SER 2013A00321 & BELOW. REC MOD TO ELIM "COLD START" SYNDROME
 APR82 WN SER 2135A02008 & BELOW; MOD TO IMPROVE PERF OF ISOLATED PWR SUPPLY LED CIR
 NOV82 WN ALL SER. CORREC TO TRBLSHTG TREE FOR +5V MAIN PWR SUPPLY
 "SUPERSEDED BY 6942A-10"
 OCT83 WO ALL SER. REC REPL FAN
 JAN85 WN ALL SER. FIELD SUPPORT KIT DESC
 MAR85 WO SER 2433A & BELOW. MOD TO GUARANTEE PROPER OPER OF CLOCK GEN CIRCUIT

69422A OPER & SERV MAN MAN CHANGE JUL78 69422-90001 AUG78 69422-90001 OCT78 69422-90002 8L 01 21 02

11/08/85 MODEL NUMBER O C LIT

7202 CONT'D 7202A-1 7210A- 7200A-1 7202A- 9125A 9862 7200A-1 7202A- 7210A B-4/ 7200A-1 7202A- 9125A 7202A-1

7203 SERV NO 7203A-1 9862A-7 7203A- 9862A-8 7203A- 7201A 7203A-4 9862A-1 7203A-6 7203A-7 9862A-1 7210A- 7202A- 7200 9862A-1 7203A- 7201A 7200A-1 7203A- 7203A-1 7203A-1 9862A- 7202A-1 7210A- 7200A-1 7202A- 9125A 9862 7200A-1 7202A- 7210A 9862 7203A-1 9862A-

721A OPER & MAN CHA

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 314
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

69423A OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 69423A-1 MAY79 69423-90001 JUN82 69423-90001 APR83 69423-90002 8L 01 21 01
 JUL80
 JAN80 WA SER 1837A00312 & BELOW. MOD TO IMPROVE PERF

6943A OPER & SERV MAN SERV NOTE SET BELOW 6943A-1 6943A-3 6943A-4 6942A-5/6943A-2 APR83 06943-90001 OCT83 06943-90002 8L 01 21 02
 JUL84
 MAY81 WN SER 2040A00180 & BELOW. REC FRONT PANEL CHANGE
 SEP83 WO SER 2005A00135 & BELOW. MOD TO PREV PWR FAIL ON TURN-ON AFTER REPL A7
 OCT83 WO ALL SER. REC REPL FAN
 APR82 WN SER 2135A02008 & BELOW; MOD TO IMPROVE PERF OF ISOLATED PWR SUPPLY LED CIR

69430A OPER & SERV MAN MAN CHANGE SEP72 69430-90001 NOV82 69430-90001 APR83 69430-90002 8L 01 21 01

11/08/85 MODEL NUMBER O C LIT

7210A SERV NOT 7210A-1 7210A-2 7210A-3 9862A-7/ 7203A-2 9862A-8/ 7202A-4 7210A-6 7210A-7 9862A-12 7203A-5 7201A- 0942A-1

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 314
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
69423A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 69423A-1	MAY79 JUN82	69423-90001 69423-90001	APR83	69423-90002	8L	01	21	01	
					JUL80						
			JAN80	WA SER 1837A00312	& BELOW.MOD TO IMPROVE PERF						
6943A		OPER & SERV MAN SERV NOTE SET BELOW 6943A-1 6943A-3 6943A-4 6942A-5/6943A-2	APR83	06943-90001	OCT83	06943-90002	8L	01	21	02	
					JUL84						
			MAY81	WN SER 2040A00180	& BELOW.REC FRONT PANEL CHANGE						
			SEP83	WO SER 2005A00135	& BELOW.MOD TO PREV PWR FAIL ON TURN-ON AFTER REPL A7						
			OCT83	WO ALL SER.REC REPL FAN							
			APR82	WN SER 2135A02008	& BELOW;MOD TO IMPROVE PERF OF ISOLATED PWR SUPPLY LED CIR						
69430A		OPER & SERV MAN MAN CHANGE	SEP72 NOV82	69430-90001 69430-90001	APR83	69430-90002	8L	01	21	01	
69431A		OPER & SERV MAN MAN CHANGE	DEC71 SEP82	69431-90001 69431-90001	APR83	69431-90002	8L	01	21	01	
69433A		OPER & SERV MAN MAN CHANGE	DEC72 JAN82	69433-90001 69433-90001	APR83	69433-90002	8L	01	21	01	
69434A		OPER & SERV MAN MAN CHANGE	OCT82 MAR82	69434-90001 69434-90001	APR83	69434-90002	8L	01	21	01	
69435A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 69435A-1	JUL74 FEB78	69435-90001 69435-90001	APR83	69435-90002	8L	01	21	01	
					APR79						
			MAR77	WO SER BELOW 1801A01533	.MOD TO IMP CIRC PERF						
69436A		OPER & SERV MAN MAN CHANGE	MAY75 AUG77	69436-90001 69436-90001	APR83	69436-90002	8L	01	21	01	
6944A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6942A-6944A 6942A-10/6944A-1	APR84 MAY84	06944-90001 06944-90001	JUN85	06944-90002	8L	01	21	02	
					JUL85						
					"SUPERSEDED BY 6942A-10"						
			JAN85	WN ALL SER.FIELD SUPPORT KIT DESC							
6945A		SERV NOTE SET BELOW 6945A-1-68 6945A-2/6946A-2/ 6947A-1 6945A-3/6946A-3 6945A-4	NOV68 JUN69	WO SER BELOW 211.MOC TO INCR RELIABILITY SER BELOW 00236.PREF TRANS REPL	JAN81						
			NOV70	WN SER BELOW 00463.REC REPL PROC FOR HV X-FMR T201							
			NOV72	WN SER BELOW 588.Q521 MODIFICATION & QUAD BOX REPLACEMENT							
6946A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 6945A-2/6946A-2/ 6947A-1 6945A-3/6946A-3	FEB68 JUL69	06946-90001 06946-90001	JUL80	06946-90008	8L	01	21	02	
					JAN81						
			JUN69	SER BELOW 00236.PREF TRANS REPL							
			NOV70	WN SER BELOW 00463.REC REPL PROC FOR HV XFMR T201							
6947A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	APR69 MAR70 JUL71	06947-90002 06947-90003 06947-90003	DEC80 JAN72	06947-90015 06947-90004	8L	01	21	02	FOR SER 980146-0170 & BELOW 01 21 03 FOR SER 960-00276 & ABOVE

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE
7210A		SERV NOTE 7210A-1 7210A-2 7210A-3 9862A-7/7 7203A-2 9862A-8/7 7202A-4/ 7210A-6 7210A-7 9862A-12/ 7203A-5/ 7201A-2 9862A-13/ 7203A-9/ 7201A-3 7210A-10 9862A-14/ 7210A-11 7202A-7 7200A-1 7210A-12 7203A-13/ 9862A-15 7202A-13/ 7210A-14 7200A-14/ 7202A-14 7210A-11 9862A-1 7200A-15/ 7202A-15 7210A-11 9862A-1 7203A-17/ 9862A-20
722A		OPER & SE MAN CHANG
7220A/S		SERV NOTE 7220A/S-1 9872B/S- 9872A/B/S- 7220A/S- 7220A/S-3
7220C/T		SERV NOTE 7220C/T-1 7220C/T;7 9872C/T-
7221A		SERV NOTE 7221A-1-S

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 315
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
6947A		SERV NOTE SET BELOW 6945A-2/6946A-2/ 6947A-1 6947A-2 6947A-3 6947A-4 6947A-5 6947A-6	JUN69	SER BELOW 00146.PREF TRANS REPLACEMNT	MAY78						
			JUN70	WO SER 960 ONLY.SYNC NOISE REDUCTION							
			SEP70	WN SER BELOW 00355.MOD TO IMPR STABILITY OF HV SUPPLY							
			JAN71	WO SER 960-.MOD TO IMPR SYNC CIRCUIT							
			FEB71	WO RECCMMENDED REPLACEMENT OF A1Q14							
			MAY71	WO SER BELOW 00556.MOD REQ WHEN REP A2Q6							
69480A		OPER & SERV MAN MAN CHANGE	AUG72 MAR79	69480-90001 69480-90001	APR83	69480-90002	8L	01	21	01	
695A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUL64 MAR66	00695-9004 00695-9004	JUN75	00695-90026	01	45	03		
					MAY78						

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE
7221A		7221A-2 7221A-3 7221A-4/98 7221A-5/98 7221A-6/98 CONT'D 7221A-7 7221A-8/98 CONT'D 9872A/B/S- 7221A/B/S- 7220A/S- 7221A-9S
7221B/S		SERV NOTE

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DATEH/C PART
NUMBERFICHE
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NUMBERM P D P
L T V G

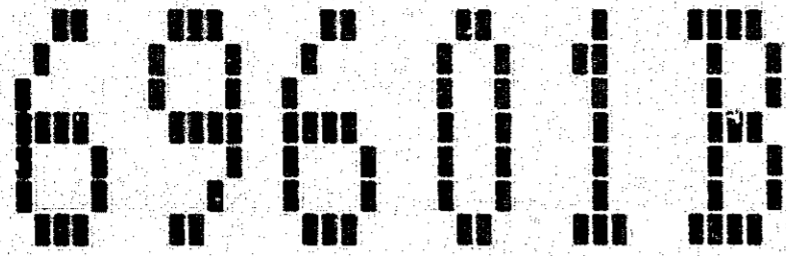
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6947A	SERV NOTE SET BELOW 6945A-2/6946A-2/ 6947A-1 6947A-2 6947A-3 6947A-4 6947A-5 6947A-6	JUN69	SER BELOW 00146.PREF TRANS REPLACEMNT	MAY78				
69480A	OPER & SERV MAN MAN CHANGE	AUG72 MAR79	69480-90001 69480-90001	APR83	69480-90002	8L	01 21 01	
695A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 694B-1	JUL64 MAR66	00695-904 00695-904	JUN75	00695-90000		01 45 03	
695C	OPER & SERV MAN	SEP65	00695-905	APR71	00695-90027		01 45 04	
695C-E10	OPER NOTE	JAN74	08693-90015	APR75	08693-90016		01 45 01	
69500A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69501A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69502A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69503A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69504A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69505A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69506A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69510A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69511A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69512A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69513A	OPER & SERV MAN	JAN73	5950-5983	JAN74	5950-1704		01 21 02	
69520A	OPER & SERV MAN	DEC81	69520-90001	FEB82	69520-90002	8L	01 21 02	
696A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 694B-1	JUL64 MAR66	00695-904 00695-904	JUN75	00695-90026		01 45 03	
696C	OPER & SERV MAN	SEP65	00695-905	APR71	00695-90027		01 45 04	
696C-E10	OPER NOTE	JAN74	08693-90015	APR75	08693-90016		01 45 01	
69600B	OPER & SERV MAN	AUG76	5950-1776	APR83	5950-1943	8L	01 21 01	

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7221A	7221A-2 7221A-3 7221A-4/987 7221A-5/987 7221A-6/987 CONT'D 7221A-7 7221A-8/987 CONT'D 9872A/B/S-2 7221A/B/S- 7220A/S-2 7221A-9S
7221B/S	SERV NOTE S 7220A/S-1,7 9872B/S-1 9872A/B/S-2 7221A/B/S- 7220A/S-2 7221B/S-3S
7221C	SERV NOTE S 7121C/T-1
7221C/T	SERV NOTE S 7220C/T;722 9872C/T-2
7221T	SERV NOTE S 7121C/T-1
7225A	SERV NOTE S 7225A-1
723A	OPER & SERV MAN CHANGE
724A/AR	OPER & SERV MAN CHANGE
724AR	SERV NOTE S 724AR-1
724BR	OPER & SERV INSTRUCTION
7240A	SERV NOTE S 7240A-2B-S
7245A/B	SERV NOTE S 7245A/B-2 7245A/B-3-S CONT'D



DESCRIPTION ***

-90803

-90803

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L T V G

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696013

OPER & SERV MAN

AUG76 5950-1776

APR83 5950-1943

8L 01 21 01

69602A

SERV NOTE SET BELOW
69602A-1

FEB82 WO SER 2042A00280 & BELOW; HARDWARE MOD TO PREV OSCIL ON +12V 6940B MAINFRM UNRGLT SUPPL
JUL82

697A

OPER & SERV MAN
MAN CHANGE
SERV NOTE SET BELOW
694B-1

JUL64 00695-904
MAR66 00695-904

JUN75 00695-90026

01 45 03

697C

OPER & SERV MAN

SEP65 00695-905

APR71 00695-90027

01 45 04

697C-E10

OPER NOTE

JAN74 08693-90015

APR75 08693-90016

01 45 01

69700A

OPER MAN

JUL82 5950-1924

SEP82 5950-1925

8L 01 21 01

69701A

OPER MAN

JUL82 5950-1924

SEP82 5950-1925

8L 01 21 01

69702A

OPER MAN

JUL82 5950-1924

SEP82 5950-1925

8L 01 21 01

69703A

OPER MAN

JUL82 5950-1924

SEP82 5950-1925

8L 01 21 01

69704A

OPER MAN

JUL82 5950-1924

SEP82 5950-1925

8L 01 21 01

69705A

OPER MAN

JUL82 5950-1924

SEP82 5950-1925

8L 01 21 01

69706A

OPER MAN

JUL82 5950-1924

SEP82 5950-1925

8L 01 21 01

69720A

OPER MAN

FEB83 5950-1955

OCT83 5950-1956

8L 01 21 01

69730A

PRELIM OPER MAN

MAR82 69730-90001

MAY82 69730-90002

8L 01 21 01

69731B

PRELIM OPER MAN

FEB82 69731-90003

MAY82 69731-90004

8L 01 21 01

69735A

OPER MAN

DEC83 69735-90003

JUN85 69735-90004

8L 01 21 01

69736A

OPER MAN

APR83 69736-90003

OCT83 69736-90004

8L 01 21 01

69750A

OPER & SERV MAN
SERV NOTE SET BELOW
69750A-1A
69750A-2

OCT82 69750-90001

APR83 69750-90002

8L 01 21 02

OCT84
JUN84 WA SER 2414A00866 & BELOW. CORREC RANDOM ACCESS EXTERNAL CHANNEL SELECTION PROB
JUN83 WA SER 2204A-00605 & BELOW. 6942A MULTIPROGRAM I/O CARD

69751A

OPER MAN

DEC82 69751-90003

OCT83 69751-90004

8L 01 21 01

69752A

OPER & SERV MAN

OCT82 69752-90001

APR83 69752-90002

8L 01 21 02

69754A

OPER MAN
MAN CHANGE

OCT82 69754-90001
APR83 69754-90001

MAY85 69754-90002

8L 01 21 01

69755A

OPER & SERV MAN

OCT82 69752-90001

APR83 69752-90002

8L 01 21 02

69759A

OPER & SERV MAN
MAN CHANGE

JUN84 69759-90001
JUN84 69759-90001

JUN85 69759-90002

8L 01 21 02

69751A	OPER MAN	DEC82 69751-90003	OCT83 69751-90004	8L 01 21 01
69752A	OPER & SERV MAN	OCT82 69752-90001	APR83 69752-90002	8L 01 21 02
69754A	OPER MAN MAN CHANGE	OCT82 69754-90001 APR83 69754-90001	MAY85 69754-90002	8L 01 21 01
69755A	OPER & SERV MAN	OCT82 69752-90001	APR83 69752-90002	8L 01 21 02
69759A	OPER & SERV MAN MAN CHANGE	JUN84 69759-90001 JUN84 69759-90001	JUN85 69759-90002	8L 01 21 02

739AR
740A

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DESCRIPTION ***

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69759A		SERV NOTE SET BELOW 69759A-1	MAR85	WA SER 2409A & BELOW.	OCT85						
						MUD TO PREV SYS HANG-UP WHEN INTERNAL TRIG I/O CARD					
69770A		OPEK MAN	MAR83	69770-90003	OCT83	69770-90004	8L	01	21	01	
69771A		OPER MAN	JUN82	69771-90003	SEP82	69771-90004	8L	01	21	01	
69775A		OPER MAN	JAN84	69775-90001	JUN85	69775-90004	8L	01	21	02	
69790B		OPER MAN	FEB83	69790-90003	OCT83	69790-90004	8L	01	21	02	
69791A		OPER MAN MAN CHANGE SERV NOTE SET BELOW 69791A-69792A-1 69791A-2	MAR84 MAY84	5950-1980 5950-1980	JUN85	5950-1981	8L	01	21	02	
					OCT85	JAN85 WN ALL SER.DOC CORREC FOR MEMORY CARD VERIF ROUTINES MAR85 WN ALL SER.SPEC FOR MEMORY CARDS +5 VOLT SUPPLY CURRENT					
69792A		OPER MAN MAN CHANGE SERV NOTE SET BELOW 69791A-69792A-1	MAR84 MAY84	5950-1980 5950-1980	JUN85	5950-1981	8L	01	21	02	
					JUL85	JAN85 WN ALL SER.DOC CORREC FOR MEMORY CARD VERIF ROUTINES					
7		OPER & SERV MAN	JAN00	00007-91304	NOV74	00007-91354		01	11	01	
7000A		OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 128 136 139 140 143A 7000A-1/136A-1 7000A-2 7000A-3/7030A-2 7000A-4 7000A-5B/7001A-1B 7000A-6A/7001A-2A 7000A-7001A-2	JUL66 MAY71	07000-90000 07000-90002	APR84 NOV84 MAY78	07000-90050 07000-90062	8L	01	11	02	
			DEC64	SER 1-26.MOD TO IMPR REMOTE SWEEP ACTIVATION							
			JUL65	SER BELOW 15.MOD TO IMPR PERFORMANCE							
			JUN65	SER BELOW 207.MOD TO CORRECT INTERMITTENT ZERO OFFSET WHEN IN AC MODE							
			JUN65	SER BELOW 207.PREF BAL FOR X REBAL POTENTIOMETER							
			NOV65	MOTOR TUNING CAPACITOR FAILURE							
			AUG65	CIR MOD TO IMPR HI SPEED WRITING (THIS NOTE DOES NOT APPLY TO ALL 7000A RECORDERS)							
			AUG65	ACCESSORY COMPATABILITY							
			JAN66	RETAINING SPING FOR TIME BASE RELAY							
			MAR66	MOD TO ELIM ZERO SHIFT WHEN CHNG RNGE							
			JUL72	WN SER 713 TO 730.MOD FOR IMPR PERF OF THE VARIABLE RANGE CONTROL							
			AUG67	SER 722- & 726-.PREF REPL FOR CR301							
			MAY74	WN EARLY SER.FAN MOTOR DELETION							
70001		SERV NOTE SET BELOW 70001-1	MAR85	WN ALL SER.MAINFRAME TO SYSTEM II CABINET INTERLOCK KIT (HP 5061-9061)	OCT85						
7001A		OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 7001A-1 7000A-5B/7001A-1B 7000A-7/7001A-2 7000A-6A/7001A-2A	JUL66 MAY71	07000-90000 07000-90002	APR84 NOV84 MAY78	07000-90050 07000-90062	8L	01	11	02	
			OCT70	WA SER 641 TO 933.MOD TO CORREC ZERO OFFSET ERROR							
			JUL72	WN SER 713 TO 730.MOD FOR IMPR PERF OF VARIABLE CONTROL							
			MAY74	WN EARLY SER FAN MOTOR DELETION							
			AUG67	SER 722- & 726-.PREF REPL FOR CR301							
7004A		OPER & SERV MAN	FEB70	07004-90003	MAR75	07004-90053		01	11	02	
7004A/B		SERV NOTE SET BELOW 7004A-5			MAY78						
			OCT69	WN OPERATING CAUTIONS							

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740B
7402A
7404A
741A

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7001A	OPER & SERV MAN SERV NOTE SET BELOW 7001A-1 7000A-5B/7001A-1B 7000A-7/7001A-2 7000A-6A/7001A-2A	JUL66 07000-90000 MAY71 07000-90002	APR84 07000-90050 NOV84 07000-90062 MAY78	8L 01 11 02 8L 01 11 02
7004A	OPER & SERV MAN	FEB70 07004-90003	MAR75 07004-90053	01 11 02
7004A/B	SERV NOTE SET BELOW 7004A-5	OCT69 WN OPERATING CAUTIONS	MAY78	

741A

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DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 318
*** DESCRIPTION ***											
7004A/B		7004A-6A 7004B-1B 7004B-2 7004B-3 7004B-4 7004B-5 7004B-6/7034A-7 7004B-7 7004B-8	NOV71 WN SER BELOW 919.MOD TO IMPR REL.SUPER 7004A-1/2/3/4/4A/4B/6 SERVICE NOTES NOV75 WN SER BELOW 1020A.REC IC REPL AUG70 WN SER BELOW 1045A.CORREC USE OF RESPONSE SWITCH OCT70 WN INSTAL PROC FOR INCREMENTAL CHART ADV COMPATIBILITY KIT OCT71 WN SER BELOW 1108A.IMPR PWR TRANSISTOR - ALL SER.CHNG OF OVERLOAD CIR THYRISTOR.NOT AVAILABLE OCT73 WO SER 928A TO 1240A.CHNG OF OVERLOAD CIRCUIT ZENER MAY74 WO SER 1240A04224 (APPROX).REROUTING OF FUSE BOARD WIRING OCT75 WO SER BELOW 1544A.REC NEW Y-AXIS WIPER PLATE ASSEMBLY & PEN CARRIAGE BLOCK								
7004B		OPER & SERV MAN	DEC81 07004-90002		MAR82 07004-90052		8L	01	11	02	
7005A		OPER & SERV MAN SERV NOTE SET BELOW 7005A-1 7005A-2	AUG67 07005-90001		MAY83 07005-90051 JAN81		8L	01	11	02	
			AUG67	SER BELOW 726-.MOD TO STOP X-Y INTERACTION DUE TO MOTOR BRUSH ARCING							
			OCT67	PREF REPL FOR Q109 & Q209							
7005AM		OPER & SERV MAN	AUG67 07005-90001		MAY83 07005-90051		8L	01	11	02	
7005B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7005B-1/7035B-1	SEP68 07005-90003 JUN73 07005-90003		JAN85 07005-90053 JAN81		8L	01	11	02	
			DEC70	WA SER 1044A01501 TO 1044A01525.MOD PROC TO CORREC A MISWIRE IN PWR RECEPTACLES							
7010A		OPER & SERV MAN MAN CHANGE MAN CHANGE GMBH INSTALL INSTRUCTS SERV NOTE SET BELOW 7010A-1 7010A-2/7015A-1 7010A-3/7015A-2 7010A-4/7015A-3 7010A/B-3	JUL76 07010-90001 MAY77 07010-90001 OCT77 07010-90001 AUG77 07010-90010		APR78 07010-90051 SEP77 07010-90060 JAN81		8L	01	11	01	FOR CARRYING CASE - OPT 004-011
				NOT AVAILABLE							
			APR76	WO 7010A SER BELOW 600.7015 SER BELOW 530.MOD TO STOP PEN SOLENOID FROM STICKING							
			APR76	WO SER BELOW 1605.MOD TO STOP Y-AXIS SERVO MOTOR GEAR MESH PROBLEM							
			APR76	WO 7010A SER BELOW 1618A.IMPR X & Y-AXIS SLIDEWIRES & ELIM OF SLIDEWIRE LUBRICATION							
			OCT80	WN ALL SER.REC PEN HOLDER ASSY REPL FOR LISTED OPTS TO PREVENT BREAKAGE							
7010B		OPER & SERV MAN INSTALL INSTRUCTS SERV NOTE SET BELOW 7010B-1/7015B-1 7010B-2A/7015B-2A 7010A/B-3	JUL84 07010-90002 AUG77 07010-90010		OCT84 07010-90052 SEP77 07010-90060 JAN81		8L	01	11	03	FOR CARRYING CASE - OPT 004-011
			MAR80	WA SAFETY.SER 2008 & BELOW.MOD TO CORRECT PWR SW WIRING							
			JUN80	WN SER 1749A TO 2008A.MOD TO PREVENT 8V REGULATOR FAILURES							
			OCT80	WN ALL SER.REC PEN HOLDER ASSY REPL FOR LISTED OPTS TO PREVENT BREAKAGE							
7015A		OPER & SERV MAN MAN CHANGE MAN CHANGE-GMBH INSTALL INSTRUCTS SERV NOTE SET BELOW 7010A-2/7015A-1 7010A-3/7015A-2 7010A-4/7015A-3	JUL76 07010-90001 MAY77 07010-90001 OCT77 07010-90001 AUG77 07010-90010		APR78 07010-90051 SEP77 07010-90060 JAN81		8L	01	11	02	FOR CARRYING CASE - OPT 004-011
			APR76	WO 7015 SER BELOW 530.MOD TO STOP PEN SOLENOID FROM STICKING							
			APR76	WO SER BELOW 1605.MOD TO STOP Y-AXIS SERVO MOTOR GEAR MESH PROBLEM							
			APR76	WO 7015A SER BELOW 1621A.IMPR X & Y-AXIS SLIDEWIRES & ELIM OF SLIDEWIRE LUBRICATION							
7015B		OPER & SERV MAN INSTALL INSTRUCTS SERV NOTE SET BELOW 7010B-1/7015B-1	AUG84 07015-90002 AUG77 07010-90010		DEC84 07015-90052 SEP77 07010-90060 JAN81		8L	01	11	02	FOR CARRYING CASE - OPT 004-011
			MAR80	WA SAFETY.SER 2008 & BELOW.MOD TO CORRECT PWR SW WIRING							

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7414A

7418A

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MAN CHANGE-GMBH
 INSTALL INSTRUCTS
 SERV NOTE SET BELOW
 7010A-2/7015A-1
 7010A-3/7015A-2
 7010A-4/7015A-3

OCT77 07010-90001
 AUG77 07010-90010
 SEP77 07010-90060 8L 01 11 01 FOR CARRYING CASE - OPT 004-011
 JAN81
 APR76 WO 7015 SER BELOW 530.MOD TO STOP PEN SOLENOID FROM STICKING
 APR76 WO SER BELOW 1605.MOD TO STOP Y-AXIS SERVO MOTOR GEAR MESH PROBLEM
 APR76 WO 7015A SER BELOW 1621A.IMPR X & Y-AXIS SLIDEWIRES & ELIM OF SLIDEWIRE LUBRICATION

7015B
 OPER & SERV MAN
 INSTALL INSTRUCTS
 SERV NOTE SET BELOW
 7010B-1/7015B-1

AUG84 07015-90002
 AUG77 07010-90010
 DEC84 07015-90052 8L 01 11 02
 SEP77 07010-90060 8L 01 11 01 FOR CARRYING CASE - OPT 004-011
 JAN81
 MAR80 WA SAFETY.SER 2008 & BELOW.MOD TO CORRECT PWR SW WIRING

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7015B 7010B-2A/7015B-2A JUN80 WN SER 1749A TO 2008A.MOD TO PREVENT 8V REGULATOR FAILURES
 7015B-3 OCT80 WN ALL SER.REC PEN HOLDER ASSY REPL FOR IMPROVED PERF

7029A OPER & SERV MAN DEC66 07029-91350 JUL72 07029-91400 01 11 02

7030A SERV NOTE SET BELOW MAY78
 136 JUL65 SER BELOW 130.MOD TO IMPR PERFORMANCE
 7030A-1/136A-1 AUG65 SER BELOW 200.IMPR IN HIGH SPEED WRIT
 7000A-3/7030A-2 JAN66 RETAIN SPRING FOR TIME BASE RELAY
 7030A-3 MAY74 WN EARLY SER.FAN MOTOR DELETION

7030A/AM OPER & SERV MAN AUG68 07030-90000 MAR71 07030-90050 8L 01 11 03
 MAN CHANGE G FEB71 07030-90000

7034A OPER & SERV MAN JAN81 07034-90001 DEC81 07034-90051 8L 01 11 02
 MAN CHANGE SEP81 07034-90001

SERV NOTE SET BELOW MAY78
 136 JUL65 SER BELOW 130.MOD TO IMPR PERFORMANCE
 7034A-1 JUN70 WN SER BELOW 1013A.REC REPL OF AR101 + AR201
 7034A-2 AUG70 WO SER BELOW 1014.MOD TO CORREC ZERO CONTROL FOR OPTION -001 (METRIC)
 7034A-3 AUG70 WN SER BELOW 1046A.CORREC USE OF RESPONSE SWITCH
 7034A-4 OCT71 WN SER BELOW 1106.IMPR PWR TRANSFORMER
 7034A-5 NOV72 WO SER BELOW 1204A.MOD TO ELIM CABL CHAF
 7034A-6 - ALL SER.CHNG OF OVRLD CIR THYRIS.NOT AVAILABLE
 7004B-6/7034A-7 OCT73 WO SER BELOW 1332A.CHNG OF OVRLD CIR ZNR
 7034A-8 OCT75 WO SER BELOW 1524A.REC NEW Y-AXIS WIPER PLATE ASSY + PEN CARRIAGE BLOCK

7035A SERV NOTE SET BELOW OCT78
 7035A-1A MAR67 PROC FOR REPL OF Y-AXIS TRAILING CABL
 7035A-2B JAN74 SER BELOW 643.REC REPL X-AXIS SERVO MOTOR
 7035A-3A - SER BELOW 643-00858.REC REPL OF Y-AXIS SERVO MOTOR
 7035A-4 MAR67 SER BELOW 1068.REC SWITCH REPLACEMENT
 7035A-5 MAR67 SER BELOW 643-.REC POT REPLACEMENT
 7035A-6 JUN67 SER BELOW 626-.REPL Y-AXIS PEN SCALE
 7035A-7 JUN67 SER BELOW 626-.REPL PEN ARM ASSEMBLY
 7035A-8 OCT67 PREF REPL FOR Q107 + Q207
 7035A-9/7035B-1 MAR72 WN ALL SER.REPL OF X WIPER

7035A/AM OPER & SERV MAN MAY67 07035-90001 JAN85 07035-90051 8L 01 11 02

7035B OPER & SERV MAN JUL84 07035-90005 NOV84 07035-90055 8L 01 11 02
 SERV NOTE SET BELOW OCT78
 7035A-9/7035B-1 MAR72 WN ALL SER.REPL OF X WIPER
 7005B-1/7035B-1 DEC70 WA SER 1040A04599 TO 1049A04717,1049A04717,1049A04722,1049A04728 TO 1049A04731,
 CONT'D 1049A04733 TO 1049A04737 + 1049A04740,MOD PROC TO CORRECT MISWIRE IN PWR RECEPTACLE
 7035B-2A MAR76 WN ALL SER.CHNG IN COMMON MODE REJECTION TEST PROC
 7035B-3 OCT75 WO SER BELOW 1543A.REC NEW Y-AXIS WIPER PLATE ASSY + PEN CARRIAGE BLOCK
 7035B-4 OCT77 WO SER 1620 & UP.MOD TO ELIM Y-ARM OSCS AT 240 VAC

7040A INSTALL INSTRUCTS JAN00 07040-90001 JAN85 07040-90051 8L 01 11 01 FOR 07041-60025
 INSTALL INSTRUCTS JAN00 07040-90002 JAN85 07040-90052 8L 01 11 01 FOR 07040-60915
 INSTALL INSTRUCTS JAN00 07040-90003 NOV84 07040-90053 8L 01 11 01 FOR 07040-60917
 INSTALL INSTRUCTS JAN00 07040-90004 JAN73 07040-90054 01 11 01 FOR 07040-60003
 OPER & SERV MAN DEC81 07040-90005 MAR82 07040-90055 8L 01 11 03
 SERV NOTE SET BELOW OCT80

745A

746A

7470A

750D

750E

7500A

7501A

7502A

752

7560A

7561A

7562A

7563A

7580A

REPL.

RIPTION ***

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7040A 7040A-1 JAN72 WA SER BELOW 1143A MOD TO ELIM ENRATIC SPEED STAGE

7035B-2A MAR76 WN ALL SER.CHNG IN COMMON MODE REJECTION TEST PROC
 7035B-3 OCT75 WO SER BELOW 1543A.REC NEW Y-AXIS WIPER PLATE ASSY + PEN CARRIAGE BLOCK
 7035B-4 OCT77 WO SER 1620 & UP.MOD TO ELIM Y-ARM OSCS AT 240 VAC

7040A	INSTALL INSTRUCTS	JAN00	07040-90001	JAN85	07040-90051	8L	01	11	01	FOR	07041-60025
	INSTALL INSTRUCTS	JAN00	07040-90002	JAN85	07040-90052	8L	01	11	01	FOR	07040-60915
	INSTALL INSTRUCTS	JAN00	07040-90003	NOV84	07040-90053	8L	01	11	01	FOR	07040-60917
	INSTALL INSTRUCTS	JAN00	07040-90004	JAN73	07040-90054		01	11	01	FOR	07040-60003
	OPER & SERV MAN	DEC81	07040-90005	MAR82	07040-90055	8L	01	11	03		
	SERV NOTE SET BELOW			OCT80							

7563A

7580A

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										*** DESCRIPTION ***					*** DESCRIPTION ***				
										*** DESCRIPTION ***					*** DESCRIPTION ***				
7040A		7040A-1	JAN72	WA	SER BELOW 1143A.MOD TO ELIM ERRATIC SWEEP START														
		7040A-2	-		NOT AVAILABLE														
		7040A-3	-	WA	7040A SER BELOW 1207.MOD TO ELIM ERRATIC TIME BASE RESET														
		7040A-4/7041A-2	JUL74	WO	SER BELOW 1416A.IMPR Y-AXIS WIPER ASSY KIT														
		7040A-5A/7041A-3A/ 7044A-2A/7045A-2A/ 7046A-5A/7047A-1A	JUN76	WN	ALL SER.PROC FOR APPLY THERM CMPD (SI GREASE) PN 6040-0239 TO X-AXIS SERVO MOTOR MOUNTING ASSY														
		7040A-6/7041A-4/ 7044A-3/7045A-3/ 7046A-6/7047A-2	JUL76	WN	ALL SER.X-Y AXIS WIPER/INSTAL + ALIGNMENT PROCEDURE,+ ELIM OF SLIDEWIRE LUBRICATION														
		7040A-7/7041A-5	OCT77	WO	SER BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS														
7041A		INSTALL INSTRUCTS	JAN00	07040-90001	JAN85	07040-90051	8L	01	11	01	FOR	07041-60025							
		INSTALL INSTRUCTS	JAN00	07040-90002	JAN85	07040-90052	8L	01	11	01	FOR	07040-60915							
		INSTALL INSTRUCTS	JAN00	07040-90004	JAN73	07040-90054		01	11	01	FOR	07040-60003							
		OPER & SERV MAN	DEC81	07040-90005	MAR82	07040-90055	8L	01	11	03									
		SERV NOTE SET BELOW			OCT80														
		7040A-3/7041A-1	-	WA	7041A SER BELOW 1204A.MOD TO ELIM ERRATIC TIME BASE RESET														
		7040A-4/7041A-2	JUL74	WO	SER BELOW 1416A.IMPR Y-AXIS WIPER ASSY KIT														
	7040A-5A/7041A-3A/ 7044A-2A/7045A-2A/ 7046A-5A/7047A-1A	JUN76	WN	ALL SER.PROC FOR APPLY THERM CMPD (SI GREASE) PN 6040-0239 TO X-AXIS SERVO MOTOR MOUNTING ASSEMBLY															
	7040A-6/7041A-4/ 7044A-3/7045A-3/ 7046A-6/7047A-2	JUL76	WN	ALL SER.X-Y AXIS WIPER/INSTAL + ALIGNMENT PROC,+ ELIM OF SLIDWIRE LUBRICATION															
	7040A-7/7041A-5	OCT77	WO	SER BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS															
7044A		OPER & SERV MAN	FEB81	07044-90000	MAY81	07044-90050	8L	01	11	02									
		SERV NOTE SET BELOW			OCT80														
		7044A-1/7045A-1	JUL74	WO	SER BELOW 1414A.IMPR Y-AXIS WIPER ASSEMBLY KIT														
		7040A-5A/7041A-3A/ 7044A-2A/7045A-2A/ 7046A-5A/7047A-1A	JUN76	WN	ALL SER.PROC FOR APPLY THERM CMPD (SI GREASE) PN 6040-0239 TO X-AXIS SERVO MOTOR MOUNTING ASSEMBLY														
		7040A-6/7041A-4/ 7044A-3/7045A-3/ 7046A-6/7047A-2	JUL76	WN	ALL SER.X-Y AXIS WIPER/INSTAL + ALIGNMENT PROC,+ ELIM OF SLIDWIRE LUBRICATION														
		7044A-4/7045A-4	OCT77	WO	SER BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS														
		7044A/7045A-5	OCT77	WO	SER BELOW 1739A.ENHANCED VERNIER (CAL) POT MOD														
7044B		OPER & SERV MAN	NOV80	07044-90006	JUL83	07044-90056	8L	01	11	02									
		MAN CHANGE	MAR83	07044-90006															
		SERV NOTE SET BELOW			JAN82														
	7044B-1	AUG81	WN	SER 2129A & ABOVE.IMPROVED X & Y AXIS ATTEN ASSY															
7045A		OPER & SERV MAN	FEB81	07044-90000	MAY81	07044-90050	8L	01	11	02									
		SERV NOTE SET BELOW			OCT80														
		7044A-1/7045A-1	JUL74	WO	SER BELOW 1414A.IMPR Y-AXIS ASSY KIT														
		7040A-5A/7041A-3A/ 7044A-2A/7045A-2A/ 7046A-5A/7047A-1A	JUN76	WN	ALL SER.PROC FOR APPLY THERM CMPD (SI GREASE) PN 6040-0239 TO X-AXIS SERVO MOTOR MOUNTING ASSEMBLY														
		7040A-6/7041A-4/ 7044A-3/7045A-3/ 7046A-6/7047A-2	JUL76	WN	ALL SER.X-Y AXIS WIPER/INSTAL + ALIGNMENT PROC,+ ELIM OF SLIDWIRE LUBRICATION														
		7044A-4/7045A-4	OCT77	WO	SER BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS														
		7044A/7045A-5	OCT77	WO	SER BELOW 1739A.ENHANCED VERNIER (CAL) POT MOD														

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											*** DESCRIPTION ***					*** DESCRIPTION ***				
											*** DESCRIPTION ***					*** DESCRIPTION ***				
7045B		OPER & SERV MAN	NOV80	07044-90006	JUL83	07044-90056	8L	01	11	02										

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7040A-5A/7041A-3A/ JUN76 WN ALL SER.BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS
 7044A-2A/7045A-2A/ MOUNTING ASSEMBLY
 7046A-5A/7047A-1A
 7040A-6/7041A-4/ JUL76 WN ALL SER.X-Y AXIS WIPER/INSTAL + ALIGNMENT PROC,+ ELIM OF SLIDWIRE LUPRICATION
 7044A-3/7045A-3/ OCT77 WO SER BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS
 7046A-6/7047A-2/ OCT77 WO SER BELOW 1739A.ENHANCED VERNIER (CAL) POT MOD
 7044A-4/7045A-4/

778D

779D

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
7045B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7045B-1	NOV80 MAR83	07044-90006 07044-90006	JUL83	07044-90056	8L	01	11	02	
			AUG81	WN SER 2129A & ABOVE.	JAN82						
7046A		OPER & SERV MAN SERV NOTE SET BELOW 7046A-1 7046A-2 7046A-3A 7046A-4 CONT'D 7040A-5A/7041A-3A/ 7044A-2A/7045A-2A/ 7046A-5A/7047A-1A 7040A-6/7041A-4/ 7044A-3/7045A-3/ 7046A-6/7047A-2 7046A-7 7046A-8 7046A-9/7046B-2	MAR81	07046-90007	MAY81 APR82	07046-90057	8L	01	11	02	
			JUN74	WN ALL SER.PEN OVRTRAVL,LIFT, + SEP ADJ							
			FEB75	WO SER BELOW 1503.ELIM OSCIL IN PWR AMPLFR STAGE							
			OCT75	WO SER BELOW 1503.IMPR Y-SLIDER BLK ASSY							
			JUN75	WO SER BELOW 1523.MOD OF GAIN POTENTIOMETER ON Y1 + Y2 AXIS AMPLFR TO IMPR REL + WRITING LINE QUALITY							
			JUN76	WN ALL SER.PROC FOR APPLY THERM CMPD (SI GREASE) PN 6040-0239 TO X-AXIS SERVO MOTOR MOUNTING ASSEMBLY							
			JUL76	WN ALL SER.X-Y AXIS WIPER/INSTAL + ALIGNMENT PROC + ELIM OF SLIDWIRE LUBRICATION							
			OCT77	WO SER BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS							
			OCT77	WO SER BELOW 1739A.ENHANCED VERNIER (CAL) POT MOD							
			NOV81	WN ALL SER PRECATN WHEN CLEANING TABLE WITH ALCOHOL							
7046B		OPER & SERV MAN SERV NOTE SET BELOW 7046B-1 7046A-9/7046B-2	NOV84	07046-90009	JAN85 APR82	07046-90059	8L	01	11	02	
			NOV81	WN SER 2129A & ABOVE IMPR X & Y AXIS ATTN ASSY							
			NOV81	WN ALL SER PRECATN WHEN CLEANING TABLE WITH ALCOHOL							
7047A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7040A-5A/7041A-3A/ 7044A-2A/7045A-2A/ 7046A-5A/7047A-1A 7040A-6/7041A-4/ 7044A-3/7045A-3/ 7046A-6/7047A-2 7047A-3 7047A-4 CONTD	MAR77 APR80	07047-90001 07047-90001	AUG80	07047-90051	8L	01	11	02	
					OCT80						
			JUN76	WN ALL SER.PROC FOR APPLY THERM CMPD (SI GREASE) PN 6040-0239 TO X-AXIS SERVO MOTOR MOUNTING ASSEMBLY							
			JUL76	WN ALL SER.X-Y AXIS WIPER/INSTAL + ALIGNMENT PROC + ELIM OF SLIDWIRE LUBRICATION							
			OCT77	WO SER BELOW 1739A.DIODE BRIDGE RECT REPL TO DISCRETE RECTS							
			MAY80	WN SER 1837A & BELOW.REC PARTS REPL TO PREVENT POSS FAIL OF +15V REG 1C6 PN 1826-0106 PCA 07047-60100 X-AXIS AMP							
7050A		OPER & SERV MAN	MAY65	07050-91340	AUG79	07050-91390	8L	01	11	01	
7090A		INTERFAC & PROG MAN OPER MAN SERV NOTE SET BELOW 7090A-1 7090A-2	MAY84 MAY84	07090-90001 07090-90002	JUL84 AUG84	07090-90051 07090-90052	8L	01	11	04 02	
					JUL85						
			NOV84	WA SER 2430A.FIREWARE REV							
			JAN85	WO SER 2418A & 2430A.DESIGN CHNG TO 7090APWR SUPPLY PCA							
710B		OPER & SERV MAN MAN CHANGE	NOV62 NOV62	710B-910 710B-910	OCT80	5080-5726	8L	01	09	01	
7100		SERV NOTE SET BELOW 134 7100-1	JUN65 JAN66	MOD TO IMPR CAPILLARY LINK SYSTEM.OBSOLETE MODEL 17501A PLUG-IN COMPATABILITY	OCT81						

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779D

780

780-6A

7803A

781

78309A

78309A-012

78309A-539

78309A-639

784B

784C

7848A

786D

787D

788C

789C

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 322
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
7100		7100-1/7101-1/ 7127-1/7128-1 7100-2/7101-2/ 7127-2/7128-2	DEC66 MAY67	REC REPL FOR LIMIT SWITCHES PROC FOR INSTAL LIMIT SWITCH							

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710B	OPER & SERV MAN MAN CHANGE	NOV62 710B-910 NOV62 710B-910	OCT80 5080-5726	8L 01 09 01
7100	SERV NOTE SET BELOW 134 7100-1	JUN65 JAN66	OCT81 MOD TO IMPR CAPILLARY LINK SYSTEM.OBSOLETE MODEL 17501A PLUG-IN COMPATABILITY	

788C

789C

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
7100		7100-1/7101-1/ 7127-1/7128-1	DEC66	REC REPL FOR LIMIT SWITCHES							
		7100-2/7101-2/ 7127-2/7128-2	MAY67	PROC FOR INSTAL LIMIT SWITCH							
		7100-3/7101-3/ 7127-3/7128-3	APR70	WN SER 622 + UP.OFF SCALE GAIN RED KIT							
		7100-4A/7101-4A/ 7127-4A/7128-4A	APR78	WO REC BEARING REPL FOR SERVO + CHART DRIVE MOTORS							
		7100-5/7101-5/ 7127-5/7128-5	FEB71	WO 7100 SER BELOW 1113A.7101 SER BELOW 1107A.7127 SER BELOW 1110A.7128 SER BELOW 1111A. MOD TO RED SERVO GEAR WEAR							
		7100-6/7101-6/ 7127-6/7128-6	SEP71	WO REC PEN LIFT RELAY REPLACEMENT							
		7100-7/7101-7/ 7127-7/7128-7	-	ALL SER.DISPOSABLE PEN TIP KIT.NOT AVAILABLE							
		7100B-9	MAY81	WA SER 2042A & 2043A.REC PEN DRIVE PULLEY ASSY & STOP REPL							
		7100B-10	JUN81	WA SER 2042A & 2043A.REC REPL PEN DRIVE PULLEY ASSY & STOP							
7100B		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAR71	07100-90005	OCT79	07100-90055*	8L	01	11	02	USE 7100B FICHE 07100-90060
			NOV80	07100-90010	APR82	07100-90060	8L	01	11	03	
			NOV81	07100-90010							
7101		SERV NOTE SET BELOW 134	JUN65	MOD TO IMPR CAPILLARY LINK SYSTEM.OBSOLETE	OCT81						
		7100-1/7101-1/ 7127-1/7128-1	DEC66	REC REPL FOR LIMIT SWITCHES							
		7100-2/7101-2/ 7127-2/7128-2	MAY67	PROC FOR INSTAL LIMIT SWITCH							
		7100-3/7101-3/ 7127-3/7128-3	APR70	WN SER 622 + UP.OFF SCALE GAIN RED KIT							
		7100-4A/7101-4A/ 7127-4A/7128-4A	APR78	WO REC BEARING REPL FOR SERVO + CHART DRIVE MOTORS							
		7100-5/7101-5/ 7127-5/7128-5	FEB71	WO 7100 SER BELOW 1113A.7101 SER BELOW 1107A.7127 SER BELOW 1110A.7128 SER BELOW 1111A. MOD TO RED SERVO GEAR WEAR							
		7100-6/7101-6/ 7127-6/7128-6	SEP71	WO REC PEN LIFT RELAY REPLACEMENT							
		7100-7/7101-7/ 7127-7/7128-7	-	ALL SER.DISPOSABLE PEN TIP KIT.NOT AVAILABLE							
		7101B-9	MAY81	WA SER 2042A & 2043A.REC PEN DRIVE PULLEY ASSY & STOP REPL							
		7101B-10	JUN81	WA SER 2042A & 2043A.REC REPL PEN DRIVE PULLEY ASSY & STOP							
7101B		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	MAR71	07100-90005	OCT79	07100-90055*	8L	01	11	02	USE 7101B FICHE 07100-90060
			NOV80	07100-90010	APR82	07100-90060	8L	01	11	03	
			NOV81	07100-90010							
7102A		OPER & SERV MAN MAN CHANGE B	DEC65	07100-91345	MAY71	07100-90095		01	11	02	
			MAR66	07100-91345							
7103A		OPER & SERV MAN MAN CHANGE B	DEC65	07100-91345	MAY71	07100-90095		01	11	02	
			MAR66	07100-91345							
711A		OPER & SERV MAN MAN CHANGE	JUL65	00711-90001	MAY82	5080-5764	8L	01	21	01	
			AUG82	00711-90001							
712A		OPER & SERV MAN	JAN62	712A-910	JUN83	5080-5727	8L	01	21	01	

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789C

796D

797D

798C

800A

800A-2

800B-2

8000A

80003A

8001A

8002A

8003A

8004A

8005A

8005B

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
712B		OPER & SERV MAN MAN CHANGE	SEP60	712B-900	APR83	5950-1950	8L	01	21	01	
			OCT62	712B-900							
712C		OPER & SERV MAN MAN CHANGE	MAR69	00712-90001	JAN73	00712-90002		01	21	02	
			SEP72	00712-90001							

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711A	OPER & SERV MAN MAN CHANGE	JUL65 00711-90001 AUG82 00711-90001	MAY82 5080-5764	8L 01 21 01
712A	OPER & SERV MAN	JAN62 712A-910	JUN83 5080-5727	8L 01 21 01

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 323
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
712B		OPER & SERV MAN MAN CHANGE	SEP60 OCT62	712B-900 712B-900	APR83	5950-1950	8L	01	21	01	
712C		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 712C-1	MAR69 SEP72 OCT70	00712-90001 00712-90001 WN SER 545 & DOWN.MOD TO IMPR REF SUPPLY	JAN73	00712-90002		01	21	02	
7123A		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE INSTALL INSTRUCTS INSTAL INSTRUCTS SERV NOTE SET BELOW 7123A-1 7123A-2 7123A-3 7123A-5 CONT'D 7123A/B-7A/ 7143A/B-3A 7123A/B-8 7123A-9	NOV71 MAY76 JAN72 JAN75 JAN00 JAN00 - NOV71 NOV71 OCT72 JUL73 NOV75 DEC82	07123-90005 07123-90005 07123-90006 07123-90006 07123-90011 07123-90015 WA SER 1042A.TRANSMISSION MODIFICATION WN CLEANING + LUB BAL POTENTIOMETER WN CLEANING SLIDER ROD WA SER 00746,00747,00749 TO 00775,00857 TO 00866,00912 TO 00921 + 00957 TO 00966. OPT 100 CHART DRIVE MODIFICATION WO SER BELOW 1319A.DISPOSABLE PEN KITS.(SUPERSEDES 7123A/B-4,6,7) WO SER BELOW 1502.STEPPER DRIVE INCORRECT CHART SPEEDS WN ALL SER.DISPOSABLE PEN MECHANICAL ADJ	NOV77	07123-90055	8L	01	11	02	
7123A-035		OPER & SERV MAN	APR71	07123-90001	JAN78	07123-90051	8L	01	11	01	
7123A-045		OPER & SERV MAN MAN CHANGE INSTALL INSTRUCTS INSTAL INSTRUCTS	JAN72 JAN75 JAN00 JAN00	07123-90006 07123-90006 07123-90011 07123-90015	DEC75	07123-90056	8L	01	11	01	
7123A-048		OPER & SERV MAN MAN CHANGE INSTALL INSTRUCTS INSTAL INSTRUCTS	JAN72 JAN75 JAN00 JAN00	07123-90006 07123-90006 07123-90011 07123-90015	DEC75	07123-90056	8L	01	11	01	
7123B		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE INSTALL INSTRUCTS INSTAL INSTRUCTS SERV NOTE SET BELOW 7123A/B-7A/ 7143A/B-3A 7123A/B-8	NOV71 MAY76 JAN72 JAN75 JAN00 JAN00 MAY78 JUL73 NOV75	07123-90005 07123-90005 07123-90006 07123-90006 07123-90011 07123-90015 WO SER BELOW 1319A.DISPOSABLE PEN KITS (SUPERSEDES 7123A/B-4,6,7) WO SER BELOW 1502.STEPPER DRIVE INCORRECT CHART SPEEDS	NOV77 DEC75	07123-90055 07123-90056	8L	01	11	02 01	
7123B-035		OPER & SERV MAN	APR71	07123-90001	JAN78	07123-90051	8L	01	11	01	
7123B-045		OPER & SERV MAN MAN CHANGE INSTALL INSTRUCTS INSTAL INSTRUCTS	JAN72 JAN75 JAN00 JAN00	07123-90006 07123-90006 07123-90011 07123-90015	DEC75	07123-90056	8L	01	11	01	

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8005B

8006A

8007A

8007A/B

8007B

8008A

801C

8010A

8011A

8011A-001

8012A

8012B

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
7123B-048		OPER & SERV MAN MAN CHANGE INSTALL INSTRUCTS INSTAL INSTRUCTS	JAN72 JAN75 JAN00 JAN00	07123-90006 07123-90006 07123-90011 07123-90015	DEC75	07123-90056	8L	01	11	01	
7124A		OPER & SERV MAN	AUG73	07124-90000	JUN75	07124-90050		01	11	03	

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OPER & SERV MAN
MAN CHANGE
INSTALL INSTRUCTS
INSTAL INSTRUCTS

JAN72 07123-90006
JAN75 07123-90006
JAN00 07123-90011
JAN00 07123-90015

DEC75 07123-90056 8L 01 11 01

FOR IMPROVED INK WRITING KITS
FOR EVENT MARKER (INK) KIT

8012B

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7123B-048 OPER & SERV MAN MAN CHANGE
INSTALL INSTRUCTS
INSTAL INSTRUCTS
JAN72 07123-90006
JAN75 07123-90006
JAN00 07123-90011
JAN00 07123-90015
DEC75 07123-90056 8L 01 11 01
FOR IMPROVED INK WRITING KITS
FOR EVENT MARKER (INK) KIT

7124A OPER & SERV MAN MAN CHANGE
AUG73 07124-90000
JAN74 07124-90000
JUN75 07124-90050 01 11 03

7124B OPER & SERV MAN MAN CHANGE
AUG73 07124-90000
JAN74 07124-90000
JUN75 07124-90050 01 11 03

7127 SERV NOTE SET BELOW
7100-1/7101-1/
7127-1/7128-1
7100-2/7101-2/
7127-2/7128-2
7100-3/7101-3/
7127-3/7128-3
7100-4A/7101-4A/
7127-4A/7128-4A
7100-5/7101-5/
7127-5/7128-5
7100-6/7101-6/
7127-6/7128-6
7127A-8/7128A-8
JUL80
DEC66 REC REPL FOR LIMIT SWITCHES
MAY67 PROC FOR INSTAL LIMIT SWITCH
APR70 WN SER 622 + UP.OFF SCALE GAIN RED KIT
APR78 WO REC BEARING REPL FOR SERVO + CHART DRIVE MOTORS
FEB71 WO 7100 SER BELOW 1113A.7101 SER BELOW 1107A.7127 SER BELOW 1110A.7128 SER BELOW 1111A.
MOD TO RED SERVO GEAR WEAR
SEP71 WO REC PEN LIFT RELAY REPLACEMENT
APR74 WO SER BELOW 1417A.INSTAL PROC FOR IMPR TRANSMISSION KIT.SUPER 7127A-7/7128A-7

7127A OPER & SERV MAN
OPER & SERV MAN
MAN CHANGE
MAR71 07100-90005
NOV80 07100-90010
MAY81 07100-90010
OCT79 07100-90055* 8L 01 11 02 USE 7127A FICHE 07100-90060
JUN81 07100-90060 8L 01 11 03

7128 SERV NOTE SET BELOW
7100-1/7101-1/
7127-1/7128-1
7100-2/7101-2/
7127-2/7128-2
7100-3/7101-3/
7127-3/7128-3
7100-4A/7101-4A/
7127-4A/7128-4A
7100-5/7101-5/
7127-5/7128-5
7100-6/7101-6/
7127-6/7128-6
7127A-8/7128A-8
JUL80
DEC66 REC REPL FOR LIMIT SWITCHES
MAY67 PROC FOR INSTAL LIMIT SWITCH
APR70 WN SER 622 + UP.OFF SCALE GAIN RED KIT
APR78 WO REC BEARING REPL FOR SERVO + CHART DRIVE MOTORS
FEB71 WO 7100 SER BELOW 1113A.7101 SER BELOW 1107A.7127 SER BELOW 1110A.7128 SER BELOW 1111A.
MOD TO RED SERVO GEAR WEAR
SEP71 WO REC PEN LIFT RELAY REPLACEMENT
APR74 WO SER BELOW 1417A.INSTAL PROC FOR IMPR TRANSMISSION KIT.SUPER 7127A-7/7128A-7

7128A OPER & SERV MAN
OPER & SERV MAN
MAN CHANGE
MAR71 07100-90005
NOV80 07100-90010
MAY81 07100-90010
OCT79 07100-90055* 8L 01 11 02 USE 7128A FICHE 07100-90060
JUN81 07100-90060 8L 01 11 03

7130 SERIES OPER & SERV MAN
MAR79 07130-90001
APR79 07130-90051 8L 01 11 02

7130-038 OPER & SERV MAN
MAY84 07130-90001
JUL84 07130-90051 8L 01 11 02

7130-054 OPER & SERV MAN
MAY84 07130-90001
JUL84 07130-90051 8L 01 11 02

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8012B

8013A

8013B

8015A

8016A

8018A

802A

802B

8020A

8024A

8025A

803A

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7130A OPER & SERV MAN
MAN CHANGE
SERV NOTE SET BELOW
7130A/B-1/7131A/B-1
7130A/B-2/7131A/B-2
7130/7131-4
7130A/B-5A
AUG81 07130-90000
MAR82 07130-90000
APR82
APR82
MAY73 WA SER BELOW 1312A.IMPROVED RELIABILITY OF INST GROUNDING
NOV74 WN ALL SER.DISPOSABLE PEN CONVERSIONS
JAN80 WN ALL SER.OUTPUT CLUTCH CHANGE FOR SPEED REDUCER OPTIONS 28,29,30,31
FEB82 WN SER 2033 & BELOW.NEW AC LINE SW ASSY
APR82 07130-90050 8L 01 11 03

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803A

805A/B/C/D

7130-054 OPER & SERV MAN MAY84 07130-90001 JUL84 07130-90051 8L 01 11 02

803A

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 325

*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7130A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7130A/B-1/7131A/B-1 7130A/B-2/7131A/B-2 7130/7131-4 7130A/B-5A	AUG81 07130-90000 MAR82 07130-90000 MAY73 WA SER BELOW 1312A.IMPROVED RELIABILITY OF INST GROUNDING NOV74 WN ALL SER.DISPOSABLE PEN CONVERSIONS JAN80 WN ALL SER.OUTPUT CLUTCH CHANGE FOR SPEED REDUCER OPTIONS 28,29,30,31 FEB82 WN SER 2033 & BELOW.NEW AC LINE SW ASSY	APR82 07130-90050 8L 01 11 03 APR82
7130B	SERV NOTE SET BELOW 7130A/B-1/7131A/B-1 7130A/B-2/7131A/B-2 7130/7131-4 7130A/B-5A	MAY73 WA SER BELOW 1312A.IMPROVED RELIABILITY OF INST GROUNDING NOV74 WN ALL SER.DISPOSABLE PEN CONVERSIONS JAN80 WN ALL SER.OUTPUT CLUTCH CHANGE FOR SPEED REDUCER OPTIONS 28,29,30,31 FEB82 WN SER 2033 & BELOW.NEW AC LINE SW ASSY	APR82
7131A	OPER & SERV MAN SERV NOTE SET BELOW 7130A/B-1/7131A/B-1 7130A/B-2/7131A/B-2 7130/7131-4 7131A/B-5A	MAR82 07131-90000 MAY73 WA SER BELOW 1312A.IMPROVED RELIABILITY OF INST GROUNDING NOV74 WN ALL SER.DISPOSABLE PEN CONVERSIONS JAN80 WN ALL SER.OUTPUT CLUTCH CHANGE FOR SPEED REDUCER OPTIONS 28,29,30,31 FEB82 WN SER 2033 & BELOW.NEW AC LINE SW ASSY	JUN84 07131-90050 8L 01 11 03 APR82
7131B	OPER & SERV MAN SERV NOTE SET BELOW 7130A/B-1/7131A/B-1 7130A/B-2/7131A/B-2 7130/7131-4 7131A/B-5A	APR73 07131-90000 MAY73 WA SER BELOW 1312A.IMPROVED RELIABILITY OF INST GROUNDING NOV74 WN ALL SER.DISPOSABLE PEN CONVERSIONS JAN80 WN ALL SER.OUTPUT CLUTCH CHANGE FOR SPEED REDUCER OPTIONS 28,29,30,31 FEB82 WN SER 2033 & BELOW.NEW AC LINE SW ASSY	JUN81 07131-90050* 8L 01 11 03 USE 7131A FICHE 07131-90050 APR82
7132A	OPER & SERV MAN SERV NOTE SET BELOW 7132A-1 7132A-2	MAY84 07132-90000 NOV81 WN SER 2033 & BELOW.NEW AC LINE SW ASSY FEB84 WN ALL SER.CONV RECRODR LINE FREQ(50/60HZ)	AUG84 07132-90050 8L 01 11 02 JUL84
7133A	OPER & SERV MAN SERV NOTE SET BELOW 7133A-1 7133A-2	MAY84 07132-90000 NOV81 WN SER 2033 & BELOW.NEW AC LINE SW ASSY FEB84 WN ALL SER.CONV RECRODR LINE FREQ(50/60HZ)	AUG84 07132-90050 8L 01 11 02 JUL84
7143A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7123A-2 7123A-3 7123A/B-7A/ 7143A/B-3A 7143A-4	NOV71 07123-90005 MAY76 07123-90005 NOV71 WN CLEAN + LUB BAL POTENTIOMETER.APPLIED TO 7143A ALSO NOV71 WN CLEAN SLIDER ROD.APPLIES TO 7143A TOO JUL73 WO DISPOSABLE PEN KITS (SUPER 7143A/B-1,2,3) JAN83 WN ALL SER.DISPOSABLE PEN MECHANICAL ADJ	NOV77 07123-90055 8L 01 11 02 APR83
7143B	OPER & SERV MAN MAN CHANGE	NOV71 07123-90005 MAY76 07123-90005	NOV77 07123-90055 8L 01 11 02
715A	OPER & SERV MAN SERV NOTE SET BELOW 715A-1 715A-2A 715A-3A	JUN71 00715-99000 - SER 535 & DOWN.MOD TO IMPR PERFORM OCT68 CAP C1,C27 REPLACEMENTS - RF OSCIL ASSY REPLACEMENTS	AUG81 00715-99050 8L 01 33 01 MAY78

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803A OPI
805A/B/C/D SEI
805C OPI
805D OPI
8050A OPI
8051A OPI
8054A SEI
8055A OPI
806A OPI
806AM OPI
806B OPI
8060A OPI
8064A OPI
8065A OPI
808A OPI
8080A OPI
8081A OPI
8082A OPI

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 326

*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7155A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7155A-1 7155A-2 7155A-3	NOV73 07155-90000 SEP74 07155-90000 OCT74 WO SER BELOW 1432.BATT CHRG CIR MOD TO STOP POSSIBLE OSCILLATION NOV74 WN ALL SER.MOD TO OPT 005 RIGHT HAND ZRO MAR75 WO SER BELOW 1432.ELECTRONIC INTERACTION ON SERVO PEN WHILE EVENT MARKER ACTUATING	JUN75 07155-90050 01 11 03 MAY78
7155B	OPER & SERV MAN	MAR74 07155-90001 DEC80 07155-90054	8L 01 11 03

11/08/85 MODEL NUMBER O C

8082A SER
8083A OPE
8084A OPE

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G		
7155A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7155A-1 7155A-2 7155A-3	NOV73 SEP74	07155-90000 07155-90000	JUN75	07155-90050	01	11	03			
7155B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7155B-1	MAR76 AUG80	07155-90001 07155-90001	DEC80	07155-90051	8L	01	11	03		
716A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 716A-1B	JUN64 NOV64	716A-901 716A-901	MAY78	5080-5787	8L	01	33	02		
716B		OPER & SERV MAN MAN CHANGE	JUL69 MAR71	00716-99001 00716-99001	OCT74	00716-99051	01	09	02			
717A		OPER & SERV MAN	NOV62	717A-910	AUG80	5080-5728	8L	01	09	01		
7200		SERV NOTE SET BELOW 7200A/7202A-1 7200A/7202A-2 7200A/7200A-3 9862A-8/7210A-5/ 7203A-4/7202A-4/ 7201A-1/7200A-4 7200A-5/7202A-5 7200A-6 7200A-7 9862A-14/9125A/B-1/ 7210A-11/7203A-8/ 7202A-7/7201A-4/ 7200A-8 9862A-12/7210A-8/ 7203A-5/7202A-8/ 7201A-2/7200A-9 9862A-13/7210A-9/ 7203A-9/7202A-9/ 7201A-3/7200A-10 7200A-11/7202A-10 7200A-12 /7202A-11/ 7203A-11 7200A-13/7202A-12 CONT'D 7200A-14/7201A-5/ 7202A-14/7203A-15/ 9125A/B-3/ 9862A-18 7200A-15/7201A-6/ 7202A-15/7203A-16/ 7210A-16/9125A/	APR74 APR74 JUN74 MAY74	WN ALL SER.MECH WN ALL SER.MECH WN ALL SER.115V WN ALL SER.DIF	MAY78 PRTS LIST CORRECTION PARTS LIST CORRECTION LINE FUSES BET PEN LIFT SOLENOIDS	AUG74 AUG74 AUG74 OCT74	WN ALL SER.PEN TIME WN ALL SER.BAUD RATE WN ALL SER.CURNT TO WN ALL SER.CONV ONE	21A I/O BOARDS CONVERSION KIT E1A RS232C I/O CONV PLOTTER MODL TO ANOTHER				
			AUG74	WN ALL SER.PC BRD NUMBERING CONVENTIONS								
			AUG74	WN ALL SER.NEW PLOTTER HOOD LATCH								
			OCT74	WN ALL SER.REPL E1A I/O BRD WITH CURRENT I/O BRD								
			OCT74	WN ALL SER.E1A RS232C I/O INSTRUC + INFO								
			OCT74	WN ALL SER.CORRECT CHARACTER REGISTER (A3),SERVO PREAMPLER (A7),+ PEN CNTR ASSY (A8) BRD COMBINATIONS FOR PROPR PLOT OPER								
			JUN76	WN ALL SER.PLOTTER SLIDEWIPE MAINTENANCE								
			JUN76	WN ALL SER.PLOTTER PLATEN CLEANING								

11/08/85 MODEL NUMBER	O C
8082A	SERV 8082 8082
8083A	OPER MAN
8084A	OPER MAN
809A	OPER MAN SERV 809A
809B	OPER MAN SERV 809B
809C	OPER
8091A	OPER MAN
8092A	OPER MAN
8093A	OPER MAN
810A	OPER
810B	OPER SERV 810B
8111A	OPER SERV 8111 8111
8111A-001	OPER
8112A	OPER OPER MAN SERV 8112 8112
8116A	OPER MAN SERV 8116

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G
7200		B-4/9862A-19 7200A-16 7200A-17A/7201A-7A/ 7202A-17A/ 9125A/B-5A	FEB77 MAY77	WN ALL SER.CONV KIT FOR STANDRD 7200A TO E1A RS232C I/O.SUPER 7200A-7 WN SER BELOW 1620A.NEW CHART HOLD (AUTOGRIP) MODULE						
7201		SERV NOTE SET BELOW 9862A-8/7210A-5/ 7203A-4/7202A-4/ 7201A-1/7200A-4			MAY78					
			MAY74	WN ALL SER.DIF BET PEN LIFT SOLENOIDS						

11/08/85 MODEL NUMBER	O C
8116A	8116A 8116A CONT 8116A
812C	OPER
814A	OPER SERV 814A

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 327
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7200 B-4/9862A-19
 7200A-16 FEB77 WN ALL SER.CONV KIT FOR STANDRD 7200A TO E1A RS232C I/O.SUPER 7200A-7
 7200A-17A/7201A-7A/ MAY77 WN SER BELOW 1620A.NEW CHART HOLD (AUTOGRIP) MODULE
 7202A-17A/
 9125A/B-5A

7201 SERV NOTE SET BELOW MAY78
 9862A-8/7210A-5/ MAY74 WN ALL SER.DIF BET PEN LIFT SOLENOIDS
 7203A-4/7202A-4/
 7201A-1/7200A-4
 9862A-12/7210A-8/ AUG74 WN ALL SER.PC BRD NUMBERING CONVENTIONS
 7203A-5/7202A-8/
 7201A-2/7200A-9
 9862A-13/7210A-9/ AUG74 WN ALL SER.NEW PLOTTER HOOD LATCH
 7203A-9/7202A-9/
 7201A-3/7200A-10
 9862A-14/9125A/B-1/ OCT74 WN ALL SER.CONV ONE PLOTTER MODL TO ANOTHER
 7210A-11/7203A-8/
 7202A-7/7201A-4/
 7200A-8
 7200A-14/7201A-5/ JUN76 WN ALL SER.PLOTTER SLIDEWIRE MAINTENANCE
 7202A-14/7203A-15/
 9125A/B-3/
 9862A-18
 7200A-15/7201A-6/ JUN76 WN ALL SER.PLOTTER PLATEN CLEANING
 7202A-15/7203A-16/
 7210A-16/9125A/
 B-4/9862A-19
 7200A-17A/7201A-7A/ MAY77 WN SER BELOW 1620A.NEW CHART HOLD (AUTOGRIP) MODULE
 7202A-17A/
 9125A/B-5A

7202 SERV NOTE SET BELOW MAY78
 7200A/7202A-1 APR74 WN ALL SER.MECH PRTS LIST CORRECTION
 7200A/7202A-2 JUN74 WN ALL SER.MECH PARTS LIST CORRECTION
 7200A/7202A-3 JUN74 WN ALL SER.115V LINE FUSES
 9862A-8/7210A-5/ MAY74 WN ALL SER.DIF BET PEN LIFT SOLENOIDS
 7203A-4/7202A-4/
 7201A-1/7200A-4
 7200A-5/7202A-5 AUG74 WN ALL SER.PEN TIME DELAY ADJ WITH E1A I/O BOARDS
 9862A-14/9125A/B-1/ OCT74 WN ALL SER.CONV ONE PLOTTER MODL TO ANOTHER
 7210A-11/7203A-8/
 7202A-7/7201A-4/
 7200A-8
 9862A-12/7210A-8/ AUG74 WN ALL SER.PC BRD NUMBERING CONVENTIONS
 7203A-5/7202A-8/
 7201A-2/7200A-9
 9862A-13/7210A-9/ AUG74 WN ALL SER.NEW PLOTTER HOOD LATCH
 7203A-9/7202A-9/
 7201A-3/7200A-10
 7200A-11/7202A-10 OCT74 WN ALL SER.REPL E1A RS232C I/O BRD WITH CURRENT I/O BRD
 7202A-6 AUG74 WN ALL SER.CURRENT TO E1A RS232C I/O CONVERSION
 7200A-12 /7202A-11/ OCT74 WN ALL SER.E1A RS232C I/O INSTRUC + INFO
 7203A-11
 7200A-13/7202A-12 OCT74 WN ALL SER.CORRECT CHARACTER REGISTER (A3),SERVO PREAMPLFR (A7),+ PEN CNTR ASSY (A8)

11/08/85 MODEL NUMBER O C L

8116A 8116A-
 8116A-
 CONT
 8116A-

812C OPER &
 814A OPER &
 SERV N
 814A-1

814B OPER N
 815B OPER N
 8150A OPER &
 8151A OPER &
 81511A OPER &
 816A OPER N
 MAN CH

8160A OPER &
 OPER &
 MAN CH
 SERV N
 8160A-
 8160A-
 8160A-
 8160A-
 8160A-
 8160A-
 8160A-
 8160A-

8161A OPER &
 OPER &
 SERV N
 8161A-
 8161A-
 8161A-
 8161A-
 8161A-
 8161A-

8165A OPER &
 OPER &
 OPER &
 SERV N
 8165A-
 8165A-

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 328
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

7202 CONT'D BOARD COMBINATNS FOR PROPR PLOTR OPR
 7202A-13/7203A-14/ OCT75 WN 7202A SER BELOW 1541.REC NEW Y-AXIS WIPER PLATE ASSY + PEN CARRIAGE BLOCK
 7210A-14/9862A-17
 7200A-14/7201A-5/ JUN76 WN ALL SER.PLOTTER SLIDEWIRE MAINTENANCE
 7202A-14/7203A-15/
 9125A/B-3/
 9862A-18
 7200A-15/7201A-6/ JUN76 WN ALL SER.PLOTTER PLATEN CLEANING
 7202A-15/7203A-16/
 7210A-16/9125A/
 B-4/9862A-19
 7200A-17A/7201A-7A/ MAY77 WN SER BELOW 1620A.NEW CHART HOLD (AUTOGRIP) MODULE

11/08/85 MODEL NUMBER O C L

8165A 8165A-3
 8165A-4
 8165A-5
 8165A-6
 8165A-7
 8165A-8
 8165A-9
 8165A-1
 8165A-1

817B/448B OPER &
 MAN CHA

11/08/85
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7202

CONT'D
7202A-13/7203A-14/
7210A-14/9862A-17
7200A-14/7201A-5/
7202A-14/7203A-15/
9125A/B-3/
9862A-18
7200A-15/7201A-6/
7202A-15/7203A-16/
7210A-16/9125A/
B-4/9862A-19
7200A-17A/7201A-7A/
7202A-17A/
9125A/B-5A
7202A-16

BOARD COMBINATNS FOR PROPR PLOTR OPR
OCT75 WN 7202A SER BELOW 1541.REC NEW Y-AXIS WIPER PLATE ASSY + PEN CARRIAGE BLOCK
JUN76 WN ALL SER.PLOTTER SLIDEWIRE MAINTENANCE
JUN76 WN ALL SER.PLOTTER PLATEN CLEANING
MAY77 WN SER BELOW 1620A.NEW CHART HOLD (AUTOGRIP) MODULE
FEB77 WN ALL SER.CONV KIT FOR STANDRD 7202A TO E1A RS232C I/O.SUPER 7202A-6

7203

SERV NOTE SET BELOW
7203A-1
9862A-7/7210A-4/
7203A-2
9862A-8/7210A-5/
7203A-4/7202A-4/
7201A-1/7200A-4
7203A-4
9862A-12/7210A-8/
7203A-6
7203A-7
9862A-14/9125A/B-1/
7210A-11/7203A-8/
7202A-7/7201A-4/
7200A-8
9862A-13/7210A-9/
7203A-9/7202A-9/
7201A-3/7200A-10
7200A-12 /7202A-11/
7203A-11
7203A-12
7203A-13/7210A-13/
9862A-15
7202A-13/7203A-14/
7210A-14/9862A-17
7200A-14/7201A-5/
7202A-14/7203A-15/
9125A/B-3/
9862A-18
7200A-15/7201A-6/
7202A-15/7203A-16/
7210A-16/9125A/B- 4/
9862A-19
7203A-17/7210A-17/
9862A-20

MAY78
- ALL SER.REC SPARE PRTS.NOT AVAILABLE
MAY74 WN ALL SER.MOD PEN LIFT ASSY + SPRINGS
MAY74 WN ALL SER.DIF BET PEN LIFT SOLENOIDS
JUN74 WN ALL SER.ELECT ALIGNMENT PROC TO BE PERFORMED AFTR CHNGING SERVO PREAMP OR MECH ASSY
AUG74 WN ALL SER.PC BRD NUMBERING CONVENTIONS
AUG74 WN ALL SER.SERV MAN CORREC-TEST TAPE
AUG74 WN ALL SER.I/O + MOTHER BRD SCHEMATICS
OCT74 WN ALL SER.CONV ONE PLOTTER MODEL TO ANOTHER
AUG74 WN ALL SER.NEW PLOTTER HOOD LATCH
OCT74 WN ALL SER.E1A RS232C I/O INSTRUC + INFO
OCT74 WO SER BELOW 1440A.COMPON CHNG ON I/O BRD.SUPERSEDES 7203A-10
FEB75 WO SER BELOW 1504A.IMPROVED PEN LIFT SOLENOID.SUPERS 7203A-3,7210A-2,7210A-5,9862A-8
OCT75 WN SER BELOW 1540.NEW Y-AXIS WIPER PLATE ASSY + PEN CARRIAGE BLOCK
JUN76 WN ALL SER.PLOTTER SLIDEWIRE MAINTENANCE
JUN76 WN ALL SER.PLOTTER PLATEN CLEANING
FEB77 WN SER BELOW 1620A.NEW CHART HOLD (AUTOGRIP) SUPPLY BOARD

721A

OPER & SERV MAN
MAN CHANGEMAY62 721-900
OCT73 721-900
JAN74 00721-90001 8L 01 21 0111/08/85
MODEL
NUMBERO
C

LIT

8165A

8165A-3A
8165A-4
8165A-5
8165A-6
8165A-7
8165A-9
8165A-10
8165A-11

817B/448B

OPER & S
MAN CHAN

8170A

OPER & S
MAN CHAN
SERV NOT
8170A-1
8170A-2
CONT'D
8170A-3
8170A-4
8170A-5
8180A-6

8170A-001

OPER & S
MAN CHAN

8170A-002

OPER & S
MAN CHAN

8170A-907

OPER & S
MAN CHAN

8170A-908

OPER & S
MAN CHAN

8170A-909

OPER & S
MAN CHAN

8170A-910

OPER & S
MAN CHAN

8180A

OPER MAN
MAN CHAN
OPER MAN
SERV NOT
8180A-1-
8180A-2

8181A

OPER MAN
MAN CHAN
OPER MAN
SERV NOT
8181A-1-
8181A-2

11/08/85
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7210A

SERV NOTE SET BELOW
7210A-1
7210A-2
7210A-3
9862A-7/7210A-4/
7203A-2
9862A-8/7210A-5/
7202A-4/7200A-4
7210A-6
7210A-7
9862A-12/7210A-8/
7203A-5/7202A-8/
7201A-2/7200A-9
9862A-13/7210A-8/
7203A-1

MAY78
MAR74 WN ALL SER.TIMING + SIG LEVL CORRECTIONS
MAR74 WN ALL SER.PARTS LIST CORRECTION FOR PEN SOLENOID
APR74 WN MECHANICAL PARTS LIST CORRECTION
MAY74 WN ALL SER.PEN LIFT ASSY + SPRING MODS
MAY74 WN ALL SER.PEN LIFT SOLENOID DIFFERENCES
JUN74 WN ALL SER.ELECT ALIGN PROCEDURES REQUIRED AFTER CHANGING SERVO PRE-AMP/MECHANICAL ASSY
JUL74 WN ALL SER.DOS III DRIVERS FOR USE WITH HP 2100 SYSTEMS
AUG74 WN ALL SER.PC BOARD NUMBER CONVENTIONS
AUG74 WN ALL SER.NEW PLOTTER HOOD LATCH

11/08/85
MODEL
NUMBERO
C

LIT

8182A

OPER & SE
MAN CHANG
SERV NOTE
8182A-1-S
8182A-2

83

OPER & SE

83001A

OPER & SE
MAN CHANG

83003A

OPER & SE

11/08/85
MODEL
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CLITERATURE
TYPEH/C
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7221A	7221A-2 7221A-3 7221A-4/9872A-6 7221A-5/9872A-7 7221A-6/9872A-8 CONT'D 7221A-7 7221A-8/9872A-10 CONT'D 9872A/B/S-2 7221A/B/S-2 7220A/S-2 7221A-9S	SEP77 WN SER 1729A,1732A,1751A.MOD TO IMPR FIRMWARE SEP77 WN ALL SER.REC MEM REPL JAN78 WO SER BELOW 1801A.PWR SUPPLY SWTC CHANGE APR78 WA SER BELOW 00325.FACTORY RETROFIT OF FLAME-SPRAYED CAB PARTS OCT78 WO SER 1823A01381 & BELOW & 07221-60131 & 07221-66131 MFG BEFORE 10/1/78.CHNG PWR-UP SEQ TO PROCESSOR BIB'S. MAR79 WA SER 1823A01350 THRU 1823A01450.REC PROC FOR REPL JUMPER ON RS232 INTERFACE PCA'S SEP79 WO SER 1913A02831 & BELOW.MOD TO PREVENT CONFIDENCE TEST FAILURE INDICATING DEFECTIVE INTERNAL I/O PCA JUN80 WN ALL SER.PLOTTER PEN TRAVEL,HEIGHT,FORCE & DAMPING ADJ NOV80 WO SAFETY.SER 2047 & BELOW.MOD TO ELIM POT SHOCK HAZARD					
7221B/S	SERV NOTE SET BELOW 7220A/S-1,7221B/S-1 9872B/S-1 9872A/B/S-2 7221A/B/S-2 7220A/S-2 7221B/S-3S	APR81 SEP79 WN ALL SER.SPEC INSTRUCTS FOR ADJ PEN TRAVEL & PEN HEIGHT JUN80 WN ALL SER.PLOTTER PEN TRAVEL,HEIGHT,FORCE & DAMPING ADJ NOV80 WO SAFETY.SER 2047 & BELOW.MOD TO ELIM POT SHOCK HAZARD					
7221C	SERV NOTE SET BELOW 7121C/T-1	APR82 OCT81 WN ALL SER POW SUPPLY RCA FAILURE					
7221C/T	SERV NOTE SET BELOW 7220C/T;7221C/T; 9872C/T-2	APR83 FEB83 SER 2237 & ABOVE.PLOTTER DESIGN CHANG IMPROV REL					
7221T	SERV NOTE SET BELOW 7121C/T-1	APR82 OCT81 WN ALL SER POW SUPPLY RCA FAILURE					
7225A	SERV NOTE SET BELOW 7225A-1	APR81 DEC80 WN SER 2050A & UP.MOD DISASSY PROC					
723A	OPER & SERV MAN MAN CHANGE	APR63 723A-901 NOV64 723A-901	APR76 5080-5729	8L 01 21 02			
724A/AR	OPER & SERV MAN MAN CHANGE	FEB61 724A-501A JUN61 724A-501A	MAY78 5080-5730	8L 01 02 01			
724AR	SERV NOTE SET BELOW 724AR-1	MAY78 - ALL SER.LOW CURRENT DRAIN MOD KIT					
724BR	OPER & SERV MAN INSTRUCTION MAN	OCT80 00724-9003 JAN00 00724-9003	MAR72 00724-9004	01 02 02		FOR SONOTONE BATTERIES	
7240A	SERV NOTE SET BELOW 7240A-2B-S	JUL81 MAR81 WO SAFETY.SER 2047 & BELOW.MOD TO ELIM POT SHOCK HAZARD					
7245A/B	SERV NOTE SET BELOW 7245A/B-2 7245A/B-3-S CONT'D	JUL81 OCT80 WN ALL SER.INSTRUCT FOR REPL HP-ID PC ASSYS THAT HAVE NEW GRNDING HARDWARE MAR81 WO SAFETY.SER 2047 & BELOW.MOD TO ELIM POT SHOCK HAZARD AT PLOTTER INPUT PWR RECEPTACLE WHEN PLOTTER PWR ON/OFF SW IS IN OFF POSITION					

11/08/85
MODEL
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CLITERATURE
TYPE

83522A	OPER & SERV MAN CHANGE
83522A-002	OPER & SERV
83522A-004	OPER & SERV
83525A	OPER & SERV MAN CHANGE
83525A-002	OPER & SERV MAN CHANGE
83525A-004	OPER & SERV MAN CHANGE
83525B	OPER & SERV MAN CHANGE
83540A	OPER & SERV MAN CHANGE
83540A-002	OPER & SERV MAN CHANGE
83540A-004	OPER & SERV MAN CHANGE
83540B	OPER & SERV MAN CHANGE
83545A	OPER & SERV MAN CHANGE
83545A-002	OPER & SERV MAN CHANGE
83545A-004	OPER & SERV MAN CHANGE
83572A	OPER & SERV MAN CHANGE
83572B	OPER & SERV MAN CHANGE
83590A	OPER & SERV MAN CHANGE ADDENDUM
83592A	OPER & SERV MAN CHANGE ADDENDUM
83592A-005	OPER & SERV

725AR

DESCRIPTION ***

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***
725AR		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 725AR-1	APR65 MAR66 MAR66	00725-9001 00725-9001 SER 209-00176	APR81 MAY78	5080-5732 THRU 311-00245	8L	01	09	01	BATTERY	INSULATOR INSTALLATION
7260/7261		SERV NOTE SET BELOW 7260A-1 7260A-2 7260A-3 7260A/7261A-4 7260A-5 7260A-6 7260A/7261A-7 7260A-8 7260A-9 7260A/7261A-10	AUG73 - JAN74 FEB74 FEB74 MAR73 APR74 AUG74 NOV74 NOV74	WN ALL SER.RECOMMENDED SPARE PARTS NOT AVAILABLE WA SER 1406A.MOD TO IMPRV EXT CMND TIMNG WO ALL SER.NEW READ HEAD LAMP WN ALL SER.RECOMMENDED SPARE PARTS WN ALL SER.A2 CONTROL LOGIC ROM DIFF WO ALL SER.READ ERROR REMEDIES WN SER 1422A.NEW SERIAL I/O BOARD WN SER BELOW 1436A.NEW A4 SERIAL I/O BRD WN SER BELOW 1444A.-19V REGULATOR CHANGE	APR79							
7310A		SERV NOTE SET BELOW 7310A-1	DEC79	WO SER 1941A00101	APR80	THRU 1942A00125					REC REPL OF 115-VAC FAN MOTOR IN EVENT OF FAILURE	
735A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 735A-1 735A-2 735A-3	DEC69 OCT71 FEB66 JUL66 AUG75	00735-90002 00735-90002 SER 54700200 & DOWN.REC STAB MOD SER 547-00330 & DOWN.MOD TO OVEN WN SAFETY.SHOCK HAZARD REVISION	SEP73 MAY78	00735-90052	01	09	02			
738A/AR		OPER & SERV MAN	AUG63	738A-901	DEC71	738A-951	01	09	01			
738AR		SERV NOTE SET BELOW 738AR-1D 738AR-2A 738AR-3/738BR-1	JUL70 - MAR68	WN FULL SCALE VOLTMETER CALIBRATION MOD SER 441-01255 & DOWN.INCR REL MOD L1 RECOMMENDED REPLACEMENT	MAY78							
738BR		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 738AR-3/738BR-1 738BR-2 738B7-3	FEB74 SEP74 MAR68 MAR74	00738-90003 00738-90003 L1 RECOMMENDED REPLACEMENT WO SER 503-03200 & DOWN.PREFER REPL CAP WO ALL SER.CORRECT PN FOR C5 & C10	MAY75 MAY78	00738-90053	01	09	02			
739AR		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 739AR-1	AUG66 AUG66 AUG65	00739-90002 00739-90002 ALL SER.MOD FOR INCR RESOLUTION	SEP71 MAY78	00739-90052	01	09	01			
740A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 740A-1 740A-2 740A-3 740A-4/740B-1A 740A-5/740B-2/ 741A-6/741B-1	SEP64 SEP65 DEC71 OCT65 DEC65 DEC66 JAN67	00740-90000 00740-90000 WN Q1 RECOMMENDED REPLACEMENT SER 431 & 509 ONLY.MOD TO RED NOISE SER 509-00350 & DOWN.CURRENT RED MOD SER 610-00310 & DOWN.ADDN TO INSTR SWTCH S9,S11,S12 REC REPLACEMENTS	MAY78 JAN79	5080-5789	8L	01	09	02		

739AR OPER & SERV MAN AUG66 00739-90002 SEP71 00739-90052 01 09 01
 MAN CHANGE AUG66 00739-90002
 SERV NOTE SET BELOW MAY78
 739AR-1 AUG65 ALL SER.MOD FOR INCR RESOLUTION

740A OPER & SERV MAN SEP64 00740-90000 MAY78 5080-5789 8L 01 09 02
 MAN CHANGE SEP65 00740-90000
 SERV NOTE SET BELOW JAN79
 740A-1 DEC71 WN Q1 RECOMMENDED REPLACEMENT
 740A-2 OCT65 SER 431 & 509 ONLY.MOD TO RED NOISE
 740A-3 DEC65 SER 509-00350 & DOWN.CURRENT RED MOD
 740A-4/740B-1A DEC66 SER 610-00310 & DOWN.ADDN TO INSTR
 740A-5/740B-2/ JAN67 SWTCH S9,S11,S12 REC REPLACEMENTS
 741A-6/741B-1

DESCRIPTION ***

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7000A RECORDERS

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
740A		740A-6B-S	JUL78	WA SAFETY.ELIM OF POTENTIAL SAFETY HAZRD							
740B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 740A-4/740B-1A 740A-5/740B-2/ 741A-6/741B-1 740A-6A-S/740B-8A-S 740B-3 740B-4A 740B-5 740B-6A 740B-7 740B-8B-S 740B-9-S	FEB73 JAN77 DEC66 JAN67 DEC75 FEB67 JUN74 SEP69 FEB71 MAY75 JUL78 JAN77	00740-90003 00740-90003 SER 610-00310 & DOWN.ADDN TO INSTR SWTCH S9,S11,S12 REC REPLACEMENTS WN SAFETY.SHOCK HAZARD REVISION SER 6100410 & DOWN.SWTCH ASSY REPL NO SER 722-00790 & DOWN.LOW LINE VOLTAGE MODIFICATION NO SER 722-00900 & DOWN.ZERO CONTROL MOD NO SAFETY.SER 946-00951 & UP.SHAFT REPL WN SER 1106A01576 & DOWN.TRANSTR REPL HA SAFETY.ELIM OF POTENTIAL SAFETY HAZRD WA SAFETY.SER 61000375.SAFE HAZARD ELIM	AUG77 JAN79	00740-90053	8L 01 09 03				
7402A		OPER & SERV MAN OPER & SERV MAN INSTALL INSTRUCTS OPER & SERV MAN SERV NOTE SET BELOW 7402A-1 7402A-2 7402A-3 7202A-4 7402A-5 7402A-6 7402A-7 7402A-8 7402A-9 7402A-10/7404A-3 7402A-11/7404A-4 CONT'D 4702A-12	FEB73 JUN77 AUG77 JUL82 FEB73 DEC73 JUL74 JUL74 FEB76 JAN77 JAN77 SEP78 NOV78 SEP79 SEP79 APR81	07402-90001 07402-90005 07402-90006 07402-90007 WN ALL SER.CORRECT INK PEN PART NUMBERS WA SER 1342A00556 THRU 1342A00600.MOD TO PREVENT POSSIBLE SHORT IN PWR SUP REG PCB NO SER BELOW 1402A.IMPROVED EVENT MARKER OPERATION NO SER BELOW 1421A.IMPROVED -15V REG FUSE PROTECTION WA SAFETY.SER BELOW 1760. HANDLE MOD WN ALL SER.INK VALVE/CART REPLACEMENTS WN ALL SER.MOTOR/PULLEY/XMISSION HISTORY NO SER 1720A03286 TO 1720A03500.REC PROC TO LUBE DRIVE ROLLER BEARINGS. NO SER 1820A3600 & BELOW.NOISE REDUCTION MOD ON OPTS 004 & 009. WN ALL SER.CLEANING PROC TO PREVENT PEN CLOGGING AFTER LONG-TERM STORAGE WN ALL SER.INSTRUCTIONS TO PLACE SCOTCH TAPE ACROSS CHART BELOW PEN TIPS TO PREVENT PEN CLOGGING WN ALL SER.REC INK CART REPL FOR P/N 07402-60008 & 07402-60066	JUN75 JUL77 SEP77 JAN83 JUL81	07402-90051* 07402-90055* 07402-90056 07402-90057	01 11 03 8L 01 11 03 8L 01 11 01 8L 01 11 03	USE 7402A FICHE 07402-90055 USE 7402A FICHE 07402-90057 FOR PEN MOTOR UPDATE KIT			
7404A		INSTALL INSTRUCTS OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 7402A-8 7404A-1 7404A-2 7402A-10/7404A-3 7402A-11/7404A-4 CONT'D 7404A-5	AUG77 SEP75 SEP82 SEP78 JAN77 AUG79 SEP79 SEP79 APR81	07402-90006 07404-90000 07404-90000 NO SER 1740A00541 TO 1740A00580.REC PROC TO LUBE DRIVE ROLLER BEARINGS. WN SER 1610 + 1630.INK CART REPL PROCUR WA SER 1906A & UP.WIRING CHANGE TO IMPROVE 50HZ OPERATION WN ALL SER.CLEANING PROC TO PREVENT PEN CLOGGING AFTER LONG-TERM STORAGE WN ALL SER.INSTRUCTIONS TO PLACE SCOTCH TAPE ACROSS CHART BELOW PEN TIPS TO PREVENT PEN CLOGGING WN ALL SER.REC INK CART REPL FOR P/N 07402-60008 & 07402-60066	SEP77 JAN83 JUL81	07402-90056 07404-90050	8L 01 11 01 8L 01 11 03	FOR PEN MOTOR UPDATE KIT			
741A		SERV NOTE SET BELOW 741A-1A 740A-5/740B-2/ 741A-6/741B-1 741A-9C-S/ 741B-10C-S	MAR71 JAN67 JUN78	WN ALL SER.RETROFIT MOD & REPL PRTS.SUPER 741A-1,741A-2A,741A-3B,741A-4,741A-5,741A-7, 741A-B ALL SER.SWTCH S9,S10 REC REPLACEMENT WA SAFETY.ALL SER.ELIM OF POTENTIAL SAFETY HAZARD	JAN79						

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	7404A-2	AUG79	WA	SER 1906A & UP.WIRING CHANGE TO IMPROVE 50HZ OPERATION					
	7402A-10/7404A-3	SEP79	WN	ALL SER.CLEANING PROC TO PREVENT PEN CLOGGING AFTER LONG-TERM STORAGE					
	7402A-11/7404A-4	SEP79	WN	ALL SER.INSTRUCTIONS TO PLACE SCOTCH TAPE ACROSS CHART BELOW PEN TIPS TO PREVENT PEN CLOGGING					
	7404A-5	APR81	WN	ALL SER.REC INK CART REPL FOR P/N 07402-60008 & 07402-60066					
741A	SERV NOTE SET BELOW				JAN79				
	741A-1A	MAR71	WN	ALL SER.RETROFIT MOD & REPL PRTS.SUPER 741A-1,741A-2A,741A-3B,741A-4,741A-5,741A-7,741A-B					
	740A-5/740B-2/	JAN67		ALL SER.SWTC S9,S10 REC REPLACEMENT					
	741A-6/741B-1								
	741A-9C-S/	JUN78	WA	SAFETY.ALL SER.ELIM OF POTENTIAL SAFETY HAZARD					
	741B-10C-S								

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DESCRIPTION ***

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				*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***
741B		OPER & SERV MAN MAN CHANGE MAN CHANGE	MAY69 FEB70 OCT70	00741-90002 00741-90002 00741-90002	NOV70	00741-90052	01	09	03	
		SERV NOTE SET BELOW			JAN79					
		740A-5/740B-2/	JAN67	SER 634-00205 & DOWN.SWTC S9,S10 REC REPLACEMENT						
		741A-6/741B-1								
		741A-9C-S/	JUN78	WA SAFETY.ALL SER.ELIM OF POTENTIAL SAFETY HAZARD						
		741B-10C-S								
		741B-2C	JUL75	WO SER 634-00514 & DOWN.Q1-Q2 REL MOD						
		741B-3A	JUN76	WO SER 828-00560 & DOWN.MOD TO IMPR PERF						
		741B-4	JUL69	WO SER 828-00560 & DOWN.OUTPUT VOLT MOD						
		741B-5A	OCT69	WO SER 844-00620 & DOWN.LOOP BIAS ADJ						
		741B-6A	FEB71	WO SER 944-00781 & UP.SWTC SHAFT REPL						
		741B-7	JUN73	WN ALL SER.AC PROBE RESIST REPLACEMENT						
		741B-8	JUL73	WN ALL SER.PADDING CAP FOR AC PROBE REPL						
		741B-9	FEB74	WN ALL SER.DECADE SWTC DRIVE ASSY PRTS						
7414A		SERV NOTE SET BELOW			JAN80					
		7414A-1/7754A-1	MAY73	WO REC REPL FOR PC BRD 07754-60140						
		7414A/7754A-2	OCT76	WN FIELD INSTL OF 60:1 SPEED REDUCT KIT						
		7754A-2/7414A-2/	OCT73	WN INSTL OF ADDITIONAL CHANNELS						
		7758A-2/7418A-2								
7418A		SERV NOTE SET BELOW			JAN80					
		7758A/7418A-1	OCT73	PRODUCT SUPPORT PLAN						
		7754A-2/7414A-2/	OCT73	WN INSTL OF ADDITIONAL CHANNELS						
		7758A-2/7418A-2								
		7758A/7418A-3	JUN75	WA PAPER TABLE MODIFICATION						
		7758A/7418A-4	MAY74	WA REPL 2A MTR RESET WITH 3A MTR RESET						
		7758A/7418A-5	MAY75	WN FIELD INSTL OF 60:1 SPEED REDUCT KIT						
			OCT76	SER ABOVE 1431A.FIELD INSTL OF 60:1 SPEED REDUCT KIT						
745A		OPER & SERV MAN MAN CHANGE	JAN68 SEP77	00745-90003 00745-90003	DEC77	00745-90053	8L	01	09	04
		SERV NOTE SET BELOW			JUL84					
		745A-1	JUL68	SER 741-00235 & DOWN.MOD TO IMPR PERF						
		745A-2A		WA SER 912-00410 & DOWN.HV AMPLFR MOD						
		745A-3	MAR70	WO SER 741-00310 & DOWN.AGC RANGE MOD						
		745A-4	MAR70	WO SER 741-00310 & DOWN.A3Q21 REC REPL						
		745A-5	JUN70	WO TROUBLESHOOTING PROCEDURE						
		745A-6	JAN71	WO SER 912-00480 & DOWN.REC TRANSTR REPL						
		745A-7	JAN71	WO SER 953-00555 & DOWN.OVERLOAD MOD						
		745A-8	MAY72	WO REDUCE ACOUSTICAL NOISE						
		745A-9A	APR75	WO SER 1319A01445 & DOWN.REMOUNT FRONT PANEL SWITCHES TO IMPRV RANGE SWITCH SELECTION						
		745A-10A	APR77	WA SER 1319A01251 THRU 1319A01670;745A-H*** REPL BY 745A-17-S						1078
		745A-11	APR75	WN SER 131A01481 & DOWN.ERROR DETECTION THERMOCOUPLE PROTECTION						
		745A-12A-S	APR77	WA SAFETY.SER 00741-00101 THRU 1319A0125*** REPL BY 745A-17-S						1078
		745A-13A	APR77	WA SER 00741-00101 THRU 1319A01670;745A-*** REPL BY 745A-17-S						1078
		CONT'D		BNC COUNTR OUTPT MOD KIT.						1078
		745A-14A	AUG75	WO ALL SER.LONG LEAD TRANSTR REPL.						
		745A-15	JUL75	WN ALL SER.OVERLOADS WHEN 746A TURNED ON						
		745A-16	SEP77	WO SER BELOW 1319A02021.MOD TO ELIM HF OSCILLATIONS						
		745A-H18-16	OCT75	WN SER 1319A01671 & DOWN.REL IMPROVEMENT						
		745A-17B-S	JUL79	WA SAFETY.SER 00741-00101 THRU 1319A01670 & 745A-H18 SER 1319A01671 & UP.MOD TO ELIM						

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745A-8
745A-9A
745A-10A
745A-11
745A-12A-S
745A-13A
CONT'D
745A-14A
745A-15
745A-16
745A-H18-16
745A-17B-S

MAY72 WO REDUCE ACOUSTICAL NOISE
APR75 WO SER 1319A01445 & DOWN.REMOUNT FRONT PANEL SWITCHES TO IMPRV RANGE SWITCH SELECTION 1078
APR77 WA SER 1319A01251 THRU 1319A01670;745A-H*** REPL BY 745A-17-S
APR75 WN SER 131A01481 & DOWN.ERROR DETECTION THERMOCOUPLE PROTECTION
APR77 WA SAFETY.SER 00741-00101 THRU 1319A0125*** REPL BY 745A-17-S 1078
APR77 WA SER 00741-00101 THRU 1319A01670;745A-*** REPL BY 745A-17-S 1078
BNC COUNTR OUTPT MOD KIT. *** REPL BY 745A-17-S 1078
AUG75 WO ALL SER.LONG LEAD TRANSTR REPL.
JUL75 WN ALL SER.OVERLOADS WHEN 746A TURNED ON
SEP77 WO SER BELOW 1319A02021.MOD TO ELIM HF OSCILLATIONS
OCT75 WN SER 1319A01671 & DOWN.REL IMPROVEMENT
JUL79 WA SAFETY.SER 00741-00101 THRU 1319A01670 & 745A-H18 SER 1319A01671 & UP.MOD TO ELIM

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745A CONT'D SAFETY HAZARD AT COUNTER OUTPUT B & C
745A-18 MAR78 WN ALL SER.A1A2 REF OVEN REPL INSTRUCT
745A-19 APR79 WN ALL SER.NEW TRBLSHTG & CALIB PROC.
745A-20 FEB84 WN ALL SER.REC REPL FOR DIODE ASSY IC (1820-0067)

746A OPER & SERV MAN MAR72 00746-90001 OCT74 00746-90051* 01 09 03 USE 746A FICHE 00746-90053
OPER & SERV MAN DEC76 00746-90003 MAY77 00746-90053 8L 01 09 02
SERV NOTE SET BELOW OCT78
746A-1 FEB70 WA SAFETY.SER 933-00120 & DOWN.PERMANENT FILTR SCREEN MOUNTING
746A-2 FEB70 WA SER 933-00121 & DOWN.OSCIL MOD
746A-3 MAR70 WA MOD FOR INCR RELIABILITY
746A-4 AUG70 WO SER 933-00215 & DOWN.A9Q1,A9Q2 MOD TOIMPR RELIABILITY
746A-5 OCT70 WA SER 933-00265 & DOWN,EXCPT 933-00120,-00209,-00213,-00244,00246,-00262.HF OSCIL MOD
746A-6A OCT72 WO ALL SER.A5 BOARD HV OUTPUT MOD
746A-7A DEC72 WA SER 933-00266 THRU 990-00356.1000:1 DIVIDER ADJ REVERSAL
746A-8 JUL75 WN SER 0990A01225 & DOWN.OSCIL MOD
746A-9-S JAN76 WA SER 0990A01306 & DOWN.SHOCK HAZARD ELIMINATION
746A-10 MAR78 WO SER 0990A01520 TO 0990A01511;0990A01460 & DOWN.REC T3 REPL

7470A SERV NOTE SET BELOW JUL83
7470A-1 MAR83 WN ALL SER.MOD TO IMPROV PERF

750D OPER NOTE JUN64 00750-901 MAY83 00750-90003 8L 01 04 01

750E OPER NOTE JUN64 00750-901 MAY83 00750-90003 8L 01 04 01

7500A OPER & SERV MAN AUG65 07500-91333 AUG81 07500-91383 8L 01 11 01
MAN CHANGE APR66 07500-91333

7501A OPER & SERV MAN AUG65 07500-91333 AUG81 07500-91383 8L 01 11 01
MAN CHANGE APR66 07500-91333

7502A OPER & SERV MAN AUG65 07500-91333 AUG81 07500-91383 8L 01 11 01
MAN CHANGE APR66 07500-91333

752 OPER NOTE SEP67 00752-90029 NOV78 00752-90030 8L 01 04 01
MAN CHANGE JUL78 00752-90029

7560A OPER & SERV MAN NOV70 07560-90002 JAN71 07560-90052 01 11 02

7561A OPER & SERV MAN NOV70 07560-90002 JAN71 07560-90052 01 11 02

7562A OPER & SERV MAN JUL71 07562-90001 MAR80 07562-90051 8L 01 11 02
MAN CHANGE NOV79 07562-90001
SERV NOTE SET BELOW APR81
7562A-1 NOV68 ALL SER.REPAIR PROCEDURE
7562A-2 OCT69 WO SER BELOW 845.METER REPLACEMENT KIT
7562A-3A JAN81 WN SER 1937A & BELOW.REC REPL OPER AMP AND PCA

7563A OPER & SERV MAN SEP69 07563-90000 NOV77 07563-90050 8L 01 11 01
MAN CHANGE MAR76 07563-90000

7580A SERV NOTE SET BELOW APR82
7580A-1 JUL81 WO ALL SER.REC PINCHWHEEL REPL
7580A-2 OCT80 WO SER 2051A (EARLY PROD).REC REPL U2 & U3 ON PROCESSOR PCA

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	7562A-1	NOV68	ALL SER.REPAIR PROCEDURE	APR81					
	7562A-2	OCT69	WO SER BELOW 84\$.METER REPLACEMENT KIT						
	7562A-3A	JAN81	WN SER 1937A & BELOW.REC REPL OPER AMP AND PCA						
7563A	OPER & SERV MAN MAN CHANGE	SEP69	07563-90000	NOV77	07563-90050	8L	01	11	01
7580A	SERV NOTE SET BELOW 7580A-1 7580A-2	JUL81	WO ALL SER.REC PINCHWHEEL REPL	APR82					
		OCT80	WO SER 2051A (EARLY PROD).REC REPL U2 & U3 ON PROCESSOR PCA						

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DESCRIPTION ***

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
7580A		7580A-3 7580A-4	DEC81	WO SER 2051A	REPL OF CARRIAGE COVER INTERLOCK SW						
			JAN82	SER 2143A	& EARLIER REPL OF PAPER STOPS						
7585A		SERV NOTE SET BELOW 7585A-1	APR83	WA SER 2309A & BELOW	MOD TO IMPR OPER AT 9600 BAUD						
7590A		SERV NOTE SET BELOW 137	JUN65	TYPE F-1A-3	CURVE FOLLOWER RECORDER COMPATIBILITY						
7590C		OPER & SERV MAN MAN CHANGE	JUN66	07590-91337		JUN83	07590-91387	8L	01	11	02
			JUN68	07590-91337							
7590CR		OPER & SERV MAN MAN CHANGE	JUN66	07590-91337		JUN83	07590-91387	8L	01	11	02
			JUN68	07590-91337							
774D		OPER NOTE SERV NOTE SET BELOW 774D-1 774D-2A/775D-1A	FEB70	00774-90004		AUG70	00774-90007		01	04	01
			MAY68		EXPLANATION OF N-CONN DIFFERENCES						
			OCT68		CORRECT SPEC FOR INSERTION LOSS						
775D		OPER NOTE SERV NOTE SET BELOW 774D-2A/775D-1A	FEB70	00774-90004		AUG70	00774-90007		01	04	01
			OCT68		CORRECT SPEC FOR INSERTION LOSS						
7754A		SERV NOTE SET BELOW 7414A-1/7754A-1 7414A/7754A-2 7754A-2/7414A-2/ 7758A-2/7418A-2	MAY73	WO REC REPL FOR PC BRD	07754-60140						
			OCT76	WN FIELD INSTL OF 60:1 SPEED REDUCT KIT							
			OCT73	KN INSTL OF ADDITIONAL CHANNELS							
7758A		SERV NOTE SET BELOW 7758A/7418A-1 7754A-2/7414A-2/ 7758A-2/7418A-2 7758A-2/7418A-2 7758A/7418A-3 7758A/7418A-4 7758A/7418A-5	OCT73	PRODUCT SUPPORT PLAN		JAN80					
			OCT73	WN INSTL OF ADDITIONAL CHANNELS							
			JUN75	WA PAPER TABLE MODIFICATION							
			MAY74	WA REPL 2A MTR RESET WITH 3A MTR RESET							
			MAY75	WN FIELD INSTL OF 60:1 SPEED REDUCT KIT							
			OCT76	SER ABOVE 1431A.FIELD INSTL OF 60:1 SPEED REDUCT KIT							
776D		OPER NOTE OPER NOTE SERV NOTE SET BELOW 776D-1	NOV73	00776-90008		JAN74	00776-90009*		01	04	01
			APR85	00776-90010		JUL85	00776-90011	8L	01	04	01
						OCT78					
777D		OPER NOTE SERV NOTE SET BELOW 777D-1	JAN00	00777-90004		AUG70	00777-90005		01	04	01
						OCT78					
778D		OPER NOTE OPER & SERV MAN MAN CHANGE	FEB71	00778-90007		JUN72	00778-90008*		01	04	01
			APR77	00778-90011		JAN78	00778-90012	8L	01	04	01
			NOV77	00778-90011							
779D		OPER NOTE OPER & SERV MAN OPER & SERV MAN	JAN70	00779-90003		DEC77	00779-90007*	8L	01	04	01
			OCT78	00779-90008		NOV78	00779-90009*	8L	01	04	01
			APR81	00779-90011		JUN81	00779-90012	8L	01	04	01

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779D		SERV NOTE SET BELOW 779D-1	AUG69	SER 020 SUB	CORRECT SPEC FOR						

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777D-1									
778D	OPER NOTE OPER & SERV MAN MAN CHANGE	FEB71 APR77 NOV77	00778-90007 00778-90011 00778-90011	JUN72 JAN78	00778-90008* 00778-90012	01	04	01	USE 778D FICHE 00778-90012
779D	OPER NOTE OPER & SERV MAN OPER & SERV MAN	JAN70 OCT78 APR81	00779-90003 00779-90008 00779-90011	DEC77 NOV78 JUN81	00779-90007* 00779-90009* 00779-90012	8L	01	04 01	USE 779D FICHE 00779-90009 USE 779D FICHE 00779-90012

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MODEL NUMBER	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M	P	D	P
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779D	SERV NOTE SET BELOW 779D-1	AUG69	SER 929	OCT78					UP.CORRECT SPEC FOR DIRECT'Y
780	SERV NOTE SET BELOW 780-4/780AX-4/ 780A-4/780X-4 780-6-2 780-6-3 780-6-4 780-6A-1A 780-6A-2 780-6A-3 780-7-1A	MAR77	METER PN TO INSTRU MODEL # TABLE	MAY78					
780-6A	OPER & SERV MAN MAN CHANGE	MAR67 APR68	00120-90904 00120-90904	AUG82	00120-90804	8L	01	08 02	
7803A	SERV NOTE SET BELOW 7803A-1	JAN70	WA SER U954-00170 & BELOW.OPT 001	OCT80					SER U951-00190 & BELOW.REC REPL HI V SMOOTHING CAP
781	SERV NOTE SET BELOW X781A-1	-	CORRECT SPEC	MAY78					FOR INSERTION LOSS
78309A	OPER & SERV MAN OPER & SERV MAN	DEC77 OCT81	01302-90904 01302-90906	AUG81 FEB82	01302-90804* 01302-90806	8L	01	08 02	USE 78309A FICHE 01302-90806
78309A-012	OPER & SERV MAN	OCT81	01302-90906	FEB82	01302-90806	8L	01	08 02	
78309A-539	OPER & SERV MAN	OCT81	01302-90906	FEB82	01302-90806	8L	01	08 02	
78309A-639	OPER & SERV MAN	OCT81	01302-90906	FEB82	01302-90806	8L	01	08 02	
784B	OPER & SERV MAN	MAY75	00784-90011	JUL75	00784-90012	8L	01	04 01	
784C	OPER & SERV MAN MAN CHANGE	JAN80 JUL80	00784-90013 00784-90013	MAR85	00784-90014	8L	01	45 01	
7848A	SERV NOTE SET BELOW 7848A-2	AUG70	WO SER BELOW 1024A.Q22	MAY78					MOD TO DECREASE CHANNEL CROSS TALK
786D	OPER & SERV MAN SERV NOTE SET BELOW 786D-1/787D-1/ 788C-1	MAY77	00786-90008	JUN77	00786-90009	8L	01	04 01	
787D	OPER & SERV MAN SERV NOTE SET BELOW 786D-1/787D-1/ 788C-1	MAY77	00786-90008	JUN77	00786-90009	8L	01	04 01	
788C	OPER & SERV MAN SERV NOTE SET BELOW 788C-1	MAY77	00786-90008	JUN77	00786-90009	8L	01	04 01	
789C	OPER NOTE	JUL72	00789-90007	OCT72	00789-90008	01	04	01	

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8447F

8470A

8470B

8471A

8472A

8472B

8473B

8473C

8477A

8478A

8478B

84801A

8481A

8481B

8481H

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MODEL NUMBER	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M	P	D	P
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789C	SERV NOTE SET BELOW 789C-1	BELO W		MAY78					CORRECT SPEC FOR INSERTION LOSS

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8481H

788C-1
 788C OPER & SERV MAN MAY77 00786-90008 JUN77 00786-90009 8L 01 04 01
 SERV NOTE SET BELOW MAY78
 788C-1 - CORRECT SPEC FOR INSERTION LOSS
 789C OPER NOTE JUL72 00789-90007 OCT72 00789-90008 01 04 01

8481B

8481H

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LOW 1111A.

LOW 1111A.

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 337
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

789C SERV NOTE SET BELOW 789C-1 BELO W - MAY78 CORRECT SPEC FOR INSERTION LOSS

796D OPER NOTE NOV77 00796-90007 JAN78 00796-90008 8L 01 04 01
 SERV NOTE SET BELOW 796D-1 - MAY78 CORRECT SPEC FOR INSERTION LOSS

797D OPER NOTE NOV77 00796-90007 JAN78 00796-90008 8L 01 04 01
 SERV NOTE SET BELOW 797D-1 - MAY78 CORRECT SPEC FOR INSERTION LOSS

798C OPER NOTE NOV77 00796-90007 JAN78 00796-90008 8L 01 04 01
 SERV NOTE SET BELOW 708C-1 - MAY78 CORRECT SPEC FOR INSERTION LOSS

800A SERV NOTE SET BELOW 800A-2-1 SEP64 FIELD ADJ FOR PERFORMANCE MAY78

800A-2 OPER & SERV MAN JAN00 00800-90001 AUG81 5950-1893 8L 01 21 01

800B-2 OPER & SERV MAN JAN00 00800-90002 JAN78 5080-5744 8L 01 21 01

8000A OPER & SERV MAN MAY65 08000-90001 APR71 08000-90051 8L 01 B1 01

80003A OPER & SERV MAN OCT74 08003-90003 JUL82 08003-90053 8L 01 08 02
 MAN CHANGE OCT74 08003-90003

8001A OPER & SERV MAN JUN68 08001-90001 NOV82 08001-90501 8L 01 B1 01

8002A OPER & SERV MAN OCT76 08002-90902 DEC76 08002-90802 8L 01 08 02
 OPER & SERV MAN AUG68 08002-90001 NOV82 08002-90501* 8L 01 B1 02 USE 8002A FICHE 08002-90802
 SERV NOTE SET BELOW MAY78
 8002A-1 JUL69 WN SER BELOW 6916-00680.REC TRANS REPL
 8002A-2 APR70 WO SER BELOW 6948-00860.REC REPL A1Q16
 8002A-3 MAY72 WO SER BELOW 1201A00594 & 1206A00594.+20 VOLT POWER FAIL

8003A OPER & SERV MAN SEP68 08008-90002 NOV82 08003-90502 8L 01 B1 02
 SERV NOTE SET BELOW MAY78
 GMBH 8003-1 AUG68 ALL SER.EQUIV TRANSISTORS
 8003A-1 ALL SER.AVAIL OF TRANS 1854 - 0267
 8003A-2 JUL69 WN SER BELOW 6839-00789.REC REPL FOR A1R30 AND A1R51
 8003A-3A MAR74 WO SER BELOW 1233A.LINE INTERFER IN GATED MODE

8004A OPER & SERV MAN OCT70 08004-90001 APR78 08004-90051 8L 01 B1 02
 MAN CHANGE AUG76 08004-90001
 SERV NOTE SET BELOW MAY78
 8004A-1 AUG70 WO SER BELOW 6956-00370.MOD TO IMPROVE PERFORMANCE

8005A OPER & SERV MAN MAY72 08005-90001 AUG84 08005-90051 8L 01 B1 02
 MAN CHANGE JAN00 08005-90001
 SERV NOTE SET BELOW MAY78
 8005A-1 JUL69 WN SER BELOW 6918-00200.REC TRANS REPL
 8005A-2 APR70 WO SER BELOW 6950-00510.REC REPL A2Q16

8005B OPER & SERV MAN DEC73 08005-90003 JUN75 08005-90053* 01 B1 02 USE 8005B FICHE 08005-90504

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8481H

84811A

8482A

8482B

8482H

8483A

8484A

8485A

8491A

8491B

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 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8005B OPER & SERV MAN MAY77 08005-90004 JUN77 08005-90504 8L 01 B1 02
 SERV NOTE SET BELOW MAY78
 8005B-61 JAN75 WO SER BELOW 1341600300.IMPR ASYNCHRON GATING
 8005B-62 JAN75 WA SER BELOW 1341600361 SER 1341600363,365,366,368,374,377,378,381,382,384,386,388,390.

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8492A

MAN CHANGE JAN00 08005-90001
 SERV NOTE SET BELOW MAY78
 8005A-1 JUL69 WN SER BELOW 6918-00200.REC TRANS REPL
 8005A-2 APR70 WO SER BELOW 6950-00510.REC REPL A2Q16

8005B OPER & SERV MAN DEC73 08005-90003 JUN75 08005-90053* 01 B1 02 USE 8005B FICHE 08005-90504

8491B

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 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8005B OPER & SERV MAN MAY77 08005-90004 JUN77 08005-90504 8L 01 B1 02
 SERV NOTE SET BELOW MAY78
 8005B-G1 JAN75 WO SER BELOW 1341600300.IMPR ASYNCHRON GATING
 8005B-G2 JAN75 WA SER BELOW 1341600361 SER 1341600363,365,366,368,374,377,378,381,382,384,386,388,390.
 CONT'D RECOMMENDED RESISTOR CHANGE

8006A OPER & SERV MAN NOV72 08006-90001 MAR75 08006-90051* 01 B1 03 USE 8006A FICHE 08006-90502
 OPER & SERV MAN JUL77 08006-90002 JUL79 08006-90502 8L 01 B1 02
 MAN CHANGE MAY79 08006-90002
 SERV NOTE SET BELOW MAY78
 8006A-1 DEC71 WO SER BELOW 1049600270.ALSO SER U0273,274,275,277,278,280,281,284,285,286.
 CONT'D CORRECTION OF WIRING ERROR

8007A OPER & SERV MAN JUN71 08007-90001 SEP82 08007-90051 8L 01 B1 02

8007A/B SERV NOTE SET BELOW MAY78
 8007A-1 DEC71 WO SER BELOW 11116-00158.ALSO SER 8007A-101,113,116,123,142,145,146,153,156.
 CONT'D MODIFICATION TO IMPROVE PERFORMANCE
 8007A/B-2 JAN74 WO ALL SER.RATE JITTER

8007B OPER & SERV MAN OCT72 08007-90002 JUL79 08007-90052 8L 01 B1 02
 MAN CHANGE MAY79 08007-90002

8008A OPER & SERV MAN OCT72 08008-90002 NOV82 08008-90502 8L 01 B1 02

801C OPER & SERV MAN DEC65 00801-90003 DEC80 00801-90005 8L 01 21 01

8010A OPER & SERV MAN NOV75 08010-90002 APR78 08010-90502 8L 01 B1 03
 MAN CHANGE FEB78 08010-90002

8011A OPER & SERV MAN OCT76 08011-90003 DEC76 08011-95003* 8L 01 B1 02 USE 8011A FICHE 08011-95004
 OPER & SERV MAN SEP77 08011-90004 AUG78 08011-95004* 8L 01 B1 02 USE 8011A FICHE 08011-90801
 OPER & SERV MAN JAN81 08011-90901 APR81 08011-90801 8L 01 B1 02
 SERV NOTE SET BELOW APR84
 8011A-G1 OCT73 WO SER BELOW 1333600200.MOD TO IMPROVE PERFORMANCE
 8011A-G2 APR74 WO SER BELOW 1411600490.REPL LINE FUSE
 8011A-G3 OCT74 WO SER BELOW 14116-00570.SUPPRESS OF OSCIL IN RATE GEN.IMPR TRIGGER OUTPUT BURST OPER.
 8011A-G4 JAN75 WO SER BELOW 14016-00260.IMPR OF BURST FUNCTION & OUTPUT AMPFLR
 8011A-G5 FEB75 WN ALL SER.BURST OPTION TROUBLESHOOTING
 8011A-G6 - NOT AVAILABLE
 8011A-7 DEC83 WO SER 2111A & BELOW.PREF REPL FOR RESISTOR A1R45

8011A-001 OPER & SERV MAN JAN81 08011-90901 APR81 08011-90801 8L 01 08 02

8012A OPER & SERV MAN MAR73 08012-90001 NOV82 08012-90501 8L 01 B1 02
 MAN CHANGE JUN73 08012-90001
 SERV NOTE SET BELOW MAY78
 8012/8013A-1 DEC71 WO SER BELOW 1121600220.ADD OF STAND TILT TO CONFORM TO STDS
 8012A-2 JAN73 WO SER 1148A.FREE-RUNNING RATE IN EXT
 8012A-3 JAN74 WO SER BELOW 1228A.PREF REPL A2R21-A2R22
 8012A/8013A-4 DEC74 WO ALL SER.REC REPLACEMENTS

8012B OPER & SERV MAN OCT75 08012-90004 JAN76 08012-90504* 8L 01 B1 02 USE 8012B FICHE 08012-90505
 OPER & SERV MAN JAN80 08012-90005 APR81 08012-90505* 8L 01 08 02 USE 8012B FICHE 08012-90801
 OPER & SERV MAN JUN82 08012-90901 NOV83 08012-90801 8L 01 08 02

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8492A

8493A

8493B

8494A

8494B

8494G

8494H

8495A

8495B

8495D

8495G

8495H

8495K

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 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8012B MAN CHANGE JUL83 08012-90901 NOV83 08012-90801 8L 01 08 02
 SERV NOTE SET BELOW OCT82
 8012B-5 NOV79 WA SER 1412600400 & BELOW;SER 1442A11471 & BELOW EXCEPT 11339,11422,11452,11458,11460,
 CONTD 11469.MOD TO CORRECT INTEGRATOR ERROR AT LO REPETITION RATE & MIN PULSE WIDTH
 8012B-6 JUL82 WO SER 2110A & BELOW.PREF REPL FOR A6 RESISTORS

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8495K

8496A

8012A/8013A-4	DEC74	WO ALL SER.REC REPLACEMENTS
8012B	OPER & SERV MAN	OCT75 08012-90004 JAN76 08012-90504* 8L 01 B1 02 USE 8012B FICHE 08012-90505
	OPER & SERV MAN	JAN80 08012-90005 APR81 08012-90505* 8L 01 08 02 USE 8012B FICHE 08012-90801
	OPER & SERV MAN	JUN82 08012-90901 NOV83 08012-90801 8L 01 08 02

8495K

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1111A.

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 339
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8012B		MAN CHANGE SERV NOTE SET BELOW 8012B-5 CONTD 8012B-6	JUL83	08012-90901	NOV83	08012-90801	8L	01	08	02	
					OCT82						
			NOV79	WA SER 1412G00400 & BELOW;SER 1442A11471 & BELOW EXCEPT 11339,11422,11452,11458,11460,11469.MOD TO CORRECT INTEGRATOR ERROR AT LO REPETITION RATE & MIN PULSE WIDTH							
			JUL82	WO SER 2110A & BELOW.PREF REPL FOR A6 RESISTORS							
8013A		OPER & SERV MAN MAN CHANGE USA OPER & SERV MAN SERV NOTE SET BELOW 8012/8013A-1 8012A/8013A-4	NOV71	08013-90001	MAR73	08013-90051	8L	01	B1	02	
			JUL72	08013-90001							
			MAY73	08013-90002	NOV84	08013-90052	8L	01	B1	02	
					MAY78						
			DEC71	WO SER BELOW 1121G00220.ADD OF STAND TILT TO CONFORM TO STDS							
			DEC74	WO ALL SER.REC REPLACEMENTS							
8013B		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	NOV75	08013-90004	DEC76	08013-90504*	8L	01	B1	02	USE 8013A FICHE 08013-90506
			OCT77	08013-90006	APR81	08013-90506	8L	01	08	02	
			FEB81	08013-90006							
8015A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8015A-G1 8015A-5	AUG76	08015-90008	JUL79	08015-90058	8L	01	B1	03	
			MAY79	08015-90008							
					OCT84						
			OCT74	WO ALL SER.OSCIL IN POWER SUPPLY							
			MAY84	WO SER 2027G02890 & BELOW.PROT AGAINST DAMAGE OF PWR LAMP							
8016A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8016A-G2	FEB77	08016-90003	JUL79	08016-90503*	8L	01	B1	05	USE 8016A FICHE 08016-90504
			DEC81	08016-90004	JUN82	08016-90504	8L	01	B1	05	SEE TITLE PAGE FOR OPTIONS COVERED
			MAR82	08016-90004							
					OCT78						
			MAY77	WO MOD TO IMP RMTE PROGRAMMING OPERATION							
8018A		OPER & SERV MAN SERV NOTE SET BELOW 8018A-1 8018A-2 8018A-3	NOV80	08018-90003	MAR81	08018-95003	8L	01	B1	04	
					OCT81						
			SEP78	WO SER 1702G00101-00205.REC IMPROVED PWR SUPPLY KIT.							
			DEC78	WO SER 1826G00285 & BELOW.A3 BIT RATE BD MOD.							
			JUN81	WO SER 1826G00825 & BELOW.MOD TO A6 MEM BD & TO A12 MEM EXT BD TO IMPROVE TIMING							
802A		OPER & SERV MAN	JAN00	00802-90001	DEC74	00802-90003				01 21 01	
802B		OPER & SERV MAN SERV NOTE SET BELOW 802B-1	JAN00	00802-90002	AUG82	5080-5746	8L	01	21	01	
					MAY78						
			SEP64	FIELD ADJ FOR PERFORMANCE							
8020A		SERV NOTE SET BELOW 8020A-1 8020A-2A 8020A-3									
					MAY78						
					NOT AVAILABLE						
			MAY69	WN SER G-845 & UP.HIGH POTENTIAL TEST							
			MAY71	WN SER 0371 & UP.MOD TO PROVIDE HEART FREQ,LABOR ACTVTY,& PEN-LIFT OUTPUTS							
8024A		SERV NOTE SET BELOW 8024A-1/8025A-1 8024A-2/8025A-2									
					MAY78						
			MAY69	WN SER BELOW G-749-00290.MOD TO IMPROVE PERFORMANCE							
			JUL70	WN ALL SER.SLIDWIRE CLEANING AND LUBE							
8025A		SERV NOTE SET BELOW 8024A-1/8025A-1 8024A-2/8025A-2									
					MAY78						
			MAY69	WN SER BELOW G-749-00290.MOD TO IMPROVE PERFORMANCE							
			JUL70	WN ALL SER.SLIDWIRE CLEANING AND LUBE							
803A		OPER & SERV MAN	OCT62	00803-900	MAR71	00803-90005				01 04 01	

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8495K

8496A

8496B

8496G

8496H

8497K

8498A

850

8500A

85001A

850

85007A

8501A

85012A

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
803A		OPER & SERV MAN	MAR62	803A-900	JUN83	5080-5747	8L	01	04	01	
805A/B/C/D		SERV NOTE SET BELOW 805A-1A 805A-2A 805A-3D									
					MAY78						
					SHIPPING BLOCKS INSTALLATION						
			AUG63	PRESERV OIL ON CARRIAGE ASSY							
			MAR68	END CONN REPL.SUPER 805A-3B,805A-3C, 805A-4							

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85013A

85015A

8024A-1/8025A-1 MAY69 WN SER BELOW G-749-00290.MOD TO IMPROVE PERFORMANCE
 8024A-2/8025A-2 JUL70 WN ALL SER.SLIDWIRE CLEANING AND LUBE

803A OPER & SERV MAN OCT62 00803-900 MAR71 00803-90005 01 04 01

85012A 0

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
803A		OPER & SERV MAN	MAR62	803A-900	JUN83	5080-5747	8L	01	04	01	
805A/B/C/D		SERV NOTE SET BELOW			MAY78						
		805A-1A	-	SHIPPING BLOCKS INSTALLATION							
		805A-2A	AUG63	PRESERV OIL ON CARRIAGE ASSY							
		805A-3D	MAR68	END CONN REPL.SUPER 805A-3B, 805A-3C, 805A-4							
805C		OPER & SERV MAN	APR71	00805-90005	SEP77	00805-90006*	8L	01	04	01	USE 805C F/N -90012/805D USE F/N -90006
		OPER & SERV MAN	JUL80	00805-90011	OCT80	00805-90012	8L	01	04	01	
805D		OPER & SERV MAN	APR71	00805-90005	SEP77	00805-90006	8L	01	04	01	
		MAN CHANGE	APR76	00805-90005							
8050A		OPER & SERV MAN	MAR72	08050-90002	NOV82	08050-90502	8L	01	B1	02	
8051A		OPER & SERV MAN	JUN70	08051-90002	FEB73	08051-90052	8L	01	B1	05	
		MAN CHANGE	NOV70	08051-90002							
		SERV NOTE SET BELOW			MAY78						
		8051A-1	JAN68	- ALL SER.REC TRANSISTOR REPLACEMENT							
		8051A-2	JAN68	- ALL SER.EXPLANATION OF DRIFT SPEC AS APPLIED TO PEAK-MODE OPERATION							
		8051A-4	NOV70	WO SER BELOW 691400215.MOD TO IMPROVE PERFORMANCE							
8054A		SERV NOTE SET BELOW			MAY78						
		8054A-1	JUL69	WN SER BELOW 6915-00150.MOD TO ELIM POWR SWITCH TRANSIENTS							
		8054A-2A	JAN70	WA SER BELOW 6915-00160.MOD TO IMPROVE LOW IMPEDANCE REF LEVEL OUTPUT							
8055A		OPER & SERV MAN	DEC68	08055-90000	NOV71	08055-90050	8L	01	B1	02	
		MAN CHANGE	AUG69	08055-90000							
806A		OPER & SERV MAN	JAN00	806A-NSN-1	AUG81	5950-1892	8L	01	21	01	
806AM		OPER & SERV MAN	JAN00	806A-NSN-1	AUG81	5950-1892	8L	01	21	01	
806B		OPER & SERV MAN	NOV67	00806-90003	MAR71	00806-90005					
8060A		OPER & SERV MAN	SEP69	08060-90001	NOV84	08060-90501	8L	01	B1	02	
8064A		OPER & SERV MAN	JUN72	08064-90001	NOV82	08064-90501	8L	01	B1	04	
8065A		OPER & SERV MAN	JUN72	08064-90001	NOV82	08064-90501	8L	01	B1	04	
808A		OPER MAN	JUN66	00808-90001	JUN83	5950-1964	8L	01	21	01	
		SERV NOTE SET BELOW			MAY78						
		808A-1	SEP64	FIELD ADJUSTMENTS							
8080A		OPER & SERV MAN	FEB82	08080-90002	NOV82	08080-90502	8L	01	B1	01	
		MAN CHANGE	APR82	08080-90002							
		SERV NOTE SET BELOW			JAN85						
		8080A-1A-S	AUG84	WA SAFETY.ALL SER.MOD TO PREV POSS SHOCK HAZ;L1 LINE FILTER WIRING							
8081A		OPER & SERV MAN	JUN75	08081-90001	NOV82	08081-90501	8L	01	B1	01	
		MAN CHANGE	JUN82	08081-90001							
8082A		OPER & SERV MAN	OCT78	08082-90002	AUG79	08082-90502*	8L	01	B1	02	USE 8082A FICHE 08082-90503
		OPER & SERV MAN	SEP83	08082-90003	JAN84	08082-90503	8L	01	B1	02	

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MODEL
NUMBER O C

85013A OP MA

85015A OP MA

8502A OP

8502A-H26 OP MA

8502B OP MA

85020A OP

85020B OP

85021A OP OP

85021B OP OP

85021C OP OP

85022A OP

85023A OP

85023B OP

85023C OP

85023D OP

85025A OP

85025B OP

85027A OP

8503A OP MA

8503A/B SE 85

8503B OP MA

85030C PR MA

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8082A		SERV NOTE SET BELOW			APR85						
		8082A-3-S	JAN84	WA SAFETY:SER 1822G2936 TO 1822G3145.POSS INCORREC FL 1 LINE FILTER WIRING							
		8082A-4	-	- SER 1822G3205 & BELOW.REC REPL OF RESIST A5 R218/R221							
8083A		OPER & SERV MAN	JUN75	08083-90001	NOV82	08083-90501	8L	01	B1	02	
		MAN CHANGE	FEB82	08083-90001							
8084A		OPER & SERV MAN	JUN75	08084-90001	NOV82	08084-90501	8L	01	B1	02	

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NUMBER O C

85031A OPE

85032A OPE OPE MA

85033B OPE

8082A

OPER & SERV MAN
OPER & SERV MANOCT78 08082-90002
SEP83 08082-90003AUG79 08082-90502* 8L 01 B1 02
JAN84 08082-90503 8L 01 B1 02

USE 8082A FICHE 08082-90503

85030C

PRO
MAN

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 341
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8082A		SERV NOTE SET BELOW 8082A-3-S 8082A-4	JAN84	WA SAFETY:SER 1822G2936 TO 1822G3145.POSS INCORREC FL 1 LINE FILTER WIRING - - SER 1822G3005 & BELOW.REC REPL OF RESIST A5 R218/R221	APR85						
8083A		OPER & SERV MAN MAN CHANGE	JUN75 FEB82	08083-90001 08083-90001	NOV82	08083-90501	8L	01	B1	02	
8084A		OPER & SERV MAN MAN CHANGE	JUN75 JUN82	08084-90001 08084-90001	NOV82	08084-90501	8L	01	B1	02	
809A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 809A-1	JUL66 JAN64 SEP64	00809-93001 00809-93001 FIELD ADJUSTMENTS	MAY78	5080-5766	8L	01	21	01	
809B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 809B-1A	SEP65 SEP62	809B-900 809B-900	MAR71	00809-90007	01	04	01		
809C		OPER NOTE	MAY69	00809-90005	AUG70	00809-90006	01	04	01		
8091A		OPER & SERV MAN MAN CHANGE	APR82 MAY82	08091-90002 08091-90002	NOV82	08091-90502	8L	01	B1	02	
8092A		OPER & SERV MAN MAN CHANGE	APR82 OCT82	08092-90002 08092-90002	NOV82	08092-90502	8L	01	B1	02	
8093A		OPER & SERV MAN MAN CHANGE	APR82 JUL82	08093-90003 08093-90003	NOV82	08093-90503	8L	01	B1	02	
810A		OPER & SERV MAN	JAN00	00810-90002	SEP71	00810-90003	01	21	01		
810B		OPER NOTE SERV NOTE SET BELOW 810B-1	SEP81 SEP64	00810-90006 FIELD ADJUSTMENTS	JAN82	00810-90007	8L	01	04	01	
8111A		OPER & SERV MAN SERV NOTE SET BELOW 8111A-1A 8111A-2	MAY82 APR83 FEB85	08111-90001 WO SER 2215G00956 & ABOVE.TEMP COMPENSATION FOR SELECT SHAPER IO'S WN ALL SER.NEW DUAL TRANS P/N	AUG82 JUL85	08111-95001	8L	01	B1	03	
8111A-001		OPER & SERV MAN	MAY82	08111-90001	AUG82	08111-95001	8L	01	B1	03	
8112A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8112A-1 8112A-2	MAY83 FEB84 MAY84	08112-90001 08112-90002 08112-90002	JAN84 JUL84	08112-95001* 08112-95002	8L	01	B1	03	USE 8112A FICHE 08112-95002
8116A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8116A-1A	NOV82 APR84 JUL84	08116-90001 08116-90001 WO SER 2124G;SER 2334A00224 & BELOW.MOD OF OUTPUT AMPLF	SEP84	08116-95001	8L	01	08	04	

11/08/85
MODEL
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85031A

OPER

85032A

OPER
OPER
MAN

85033B

OPER

85040A

OPER
MAN

85040B

OPER
MAN

85043A

OPER
MAN

8505A

OPER
MAN
ADDE
PROG
APPL
OPT
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OP

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SERV

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 342
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8116A		8116A-2 8116A-3 CONT'D 8116A-4	FEB85 APR85	WN ALL SER.NEW DUAL TRANS P/N WA SER 2334G03645 & BELOW;2334A01585 & BELOW.MOD TO PREVENT BLOWN FUSE IN OUTPUT AMPL SUPPLIES							
			MAY85	WO SER 2124G00194,189,180,175 & BELOW.PIGGY-BACK BD MOD FOR ADD SHAPER STAGE ADJ							
812C		OPER & MAINT MAN	OCT50	00812-90001	JUN85	5957-6322	8L	01	21	01	
814A		OPER & SERV MAN SERV NOTE SET BELOW 814A-1	SEP65 SEP64	00814-93001 FIELD ADJUSTMENTS	SEP80 MAY78	5080-5784	8L	01	21	01	

11/08/85
MODEL
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85052A

MAN

85052A-010

OPER
MAN

85053A

OPER
MAN

85054A

OPER

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 344
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8182A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8182A-1-S 8182A-2	AUG83 OCT83	08182-90000 08182-90000	JAN84	08182-95000	8L	01	B1	06	INCLUDES 08012-80006
					JUL84						
			JAN84	WA SAFETY:SER	2311600250	& BELOW.	REVERS	LINE	&	NEUTRAL	AT PWR MODULE
			JAN84	WA IMPR SWTCH	REGLTR	BD	A23				
83		OPER & SERV MAN	JAN00	00083-91315	JUN79	00083-91365	8L	01	11	01	
83001A		OPER & SERV MAN MAN CHANGE	MAY75 JUN75	83001-90003 83001-90003	JUL84	83001-90004	8L	01	04	03	
83003A		OPER & SERV MAN	JAN74	83003-90002	FEB74	83003-90003		01	04	02	
83004A		OPER & SERV MAN	NOV73	83004-90003	SEP85	83004-90004	8L	01	04	01	
83021A		OPER & SERV MAN	MAY75	83021-90002	NOV84	83021-90003	8L	01	04	01	
8327A		OPER & SERV MAN MAN CHANGE	SEP79 JUL83	08327-90001 08327-90001	MAR85	08327-90002	8L	01	45	02	
8340A		OPER & SERV MAN MAN CHANGE ADDENDUM OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8340A-5 8340A-6 8340A-10 8340A-11	AUG84 APR85 JUN85 AUG85 AUG85	08340-90020 08340-90020 08340-90020 08340-90239 08340-90255	AUG85	08340-90021	8L	01	45	29	VOL. 1,2,3, & 4
					OCT85						
			APR85	WO SER 2409A	& BELOW.	MOD TO INCORPATE	A14	PWR	AMPL	REPL	KIT
			MAR84	WA SER 2342A00260	& BELOW.	IMPR	PULSE	ON/OFF	RATIO		
			APR84	WN ALL SER.	RETROFIT	FRONT	PAN	TO	REAR	PAN	RF OUTPUT(STANDARD TO OPT 004& OPT 001 TO 005
			APR84	WA SER 2410A00370	& BELOW.	REC	REPL	ALC	DETECTOR	CABLES	
8340A-C75		MAN SUPPL MAN CHANGE	MAR85 AUG85	08340-90235 08340-90263	MAY85 NOV85	08340-90236 08340-90264	8L	01	45	01	USE WITH 8340A FICHE 08340-90021
8340A-H02		MAN CHANGE	AUG85	08340-90265	NOV85	08340-90266	8L	01	45	01	USE WITH 8340A FICHE 08340-90240
8349A		OPER & SERV MAN MAN CHANGE	FEB84 MAR85	08349-90001 08349-90001	AUG85	08349-90002	8L	01	45	02	
8350A		OPER & SERV MAN MAN CHANGE UK SERV NOTE SET BELOW 8350A-1 8350A-3 8350A-4	JAN81 FEB82	08350-90001 08350-90001	MAY82	08350-90002	8L	01	45	08	
					JUL83						
			APR83	WA SER 2146A01110	& BELOW.	MOD TO PROT	PWR	SUPLY	FROM	SHRT	TO BOTTOM COVER
			APR81	WO SER 2024A	& BELOW.	REC	REPL	MASKED	ROM	KIT	FOR A3 MICROPROCESSER ASSY
			APR83	WO SER 2205	& BELOW.	+5VA (A7U16)	REGLTR	REPL			
8350A-001		OPER & SERV MAN MAN CHANGE UK	JAN81 FEB82	08350-90001 08350-90001	MAY82	08350-90002	8L	01	45	08	
8350A-400		OPER & SERV MAN MAN CHANGE UK	JAN81 FEB82	08350-90001 08350-90001	MAY82	08350-90002	8L	01	45	08	
8350B		OPER & SERV MAN MAN CHANGE	JAN83 APR85	08350-90034 08350-90034	MAY85	08350-90035	8L	01	45	09	

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8551A/B		8551A/B-7 8551A/B-8 8551A/B-9 8551A/B-10 8551A/B-11 8551A/B-12 8551A/B-13 8551A/B-14 8551A/B-15 8551A/B-16 8551A/B-17 8551A/B-18 8551A/B-19 8551A-20 8551A/B-20 8551A/B-21
8551B		OPER & SERV MAN CHANGE OPER & SERV MAN CHANGE OPER & SERV MAN CHANGE OPER & SERV MAN CHANGE OPER & SERV MAN CHANGE OPER & SERV MAN CHANGE
8551B-K10		OPER & SERV
8552A		OPER & SERV MAN CHANGE MAN CHANGE CALIB & AD SERV MAN MAN CHANGE OPER & SERV MAN CHANGE OPER & SERV MAN CHANGE SERV NOTE 8552A-1 8552A-2A 8552A-3A 8552A-4A 8552A-5 8552A-6 8552A-7 8552A-8 8552A-9 8552A-10 8552A-11 8552A-12 8552A-14

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 345
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
83522A		OPER & SERV MAN MAN CHANGE	JUL81 JUL85	83522-90003 83522-90003	SEP85	83522-90004	8L	01	45	06	
83522A-002		OPER & SERV MAN	JUL81	83522-90003	SEP81	83522-90004	8L	01	45	05	
83522A-004		OPER & SERV MAN	JUL81	83522-90003	SEP81	83522-90004	8L	01	45	05	
83525A		OPER & SERV MAN MAN CHANGE	FEB81 JUL85	83525-90003 83525-90003	SEP85	83525-90004	8L	01	45	06	
83525A-002		OPER & SERV MAN MAN CHANGE	FEB81 JUL85	83525-90003 83525-90003	SEP85	83525-90004	8L	01	45	06	
83525A-004		OPER & SERV MAN MAN CHANGE	FEB81	83525-90003	SEP85	83525-90004	8L	01	45	06	

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE
8552A-H01		OPER & SERV MAN CHANGE SUPP B FOR SUPP B 085
8552A-H02		OPER & SERV MAN CHANGE SUPP B FOR SUPP B 085
8552A-H04		SUPP FOR 85
8552A/B		SERV TRAIN

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83522A	OPER & SERV MAN MAN CHANGE	JUL81 JUL85	83522-90003 83522-90003	SEP85	83522-90004	8L 01 45 06
83522A-002	OPER & SERV MAN	JUL81	83522-90003	SEP81	83522-90004	8L 01 45 05
83522A-004	OPER & SERV MAN	JUL81	83522-90003	SEP81	83522-90004	8L 01 45 05
83525A	OPER & SERV MAN MAN CHANGE	FEB81 JUL85	83525-90003 83525-90003	SEP85	83525-90004	8L 01 45 06
83525A-002	OPER & SERV MAN MAN CHANGE	FEB81 JUL85	83525-90003 83525-90003	SEP85	83525-90004	8L 01 45 06
83525A-004	OPER & SERV MAN MAN CHANGE	FEB81 JUL85	83525-90003 83525-90003	SEP85	83525-90004	8L 01 45 06
83525B	OPER & SERV MAN MAN CHANGE	JUL82 APR84	83525-90008 83525-90008	MAY85	83525-90009	8L 01 45 06
83540A	OPER & SERV MAN MAN CHANGE	OCT81 MAR85	83540-90003 83540-90003	AUG85	83540-90004	8L 01 45 05
83540A-002	OPER & SERV MAN MAN CHANGE	OCT81 MAR85	83540-90003 83540-90003	AUG85	83540-90004	8L 01 45 05
83540A-004	OPER & SERV MAN MAN CHANGE	OCT81 MAR85	83540-90003 83540-90003	AUG85	83540-90004	8L 01 45 05
83540B	OPER & SERV MAN MAN CHANGE	JUL82 AUG85	83540-90008 83540-90008	OCT85	83540-90009	8L 01 45 06
83545A	OPER & SERV MAN MAN CHANGE	MAY81 NOV84	83545-90006 83545-90006	MAR85	83545-90007	8L 01 45 06
83545A-002	OPER & SERV MAN MAN CHANGE	MAY81 NOV84	83545-90006 83545-90006	MAR85	83545-90007	8L 01 45 06
83545A-004	OPER & SERV MAN MAN CHANGE	MAY81 NOV84	83545-90006 83545-90006	MAR85	83545-90007	8L 01 45 06
83572A	OPER & SERV MAN MAN CHANGE	SEP84 JUL85	83572-90010 83572-90010	SEP85	83572-90011	8L 01 45 05
83572B	OPER & SERV MAN MAN CHANGE	SEP84 JUL85	83572-90010 83572-90010	SEP85	83572-90011	8L 01 45 05
83590A	OPER & SERV MAN MAN CHANGE ADDENDUM	FEB82 AUG84 FEB85	83590-90005 83590-90005 83590-90005	AUG85	83590-90006	8L 01 45 07 SEE TITLE PAGE FOR OPTIONS COVERED
83592A	OPER & SERV MAN MAN CHANGE ADDENDUM	OCT81 MAY85 JUL85	83592-90002 83592-90002 83592-90002	OCT85	83592-90003	8L 01 45 07
83592A-005	OPER & SERV MAN	OCT81	83592-90002	OCT85	83592-90003	8L 01 45 07

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8552A-H01	OPER & SERV MAN CHANGE SUPP B FOR I SUPP B 08557
8552A-H02	OPER & SERV MAN CHANGE SUPP B FOR I SUPP B 08557
8552A-H04	SUPP FOR 855
8552A/B	SERV TRAIN I
8552B	OPER & SERV MAN CHANGE SERV NOTE SE 8552B-1 8552B-2 8552B-3 8552B-4 8552B-5 8552B-6 8552B-7 8552B-8A 8552B-9 8552B-10A 8552B-11 8552B-12 8552B-13 8552B-14
8552B-H01	OPER & SERV MAN CHANGE
8552B-H02	OPER & SERV MAN CHANGE
8552B-H04	OPER & SERV MAN CHANGE
8553B	OPER & SERV MAN CHANGE SERV NOTE SE 8553B-1 8553B-2 78553B-3
8553B-H01	OPER & SERV
8553B-H02	OPER & SERV
8553L	CALIB & ADJ SERV MAN MAN CHANGE

83592A-005

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DESCRIPTION ***

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
83592A-005		MAN CHANGE ADDENDUM	MAY85 JUL85	83592-90002 83592-90002	OCT85	83592-90003	8L	01	45	07					
83592C		OPER & SERV MAN MAN CHANGE ADDENDUM	DEC83 JUN85 JUN85	83592-90038 83592-90038 83592-90038	AUG85	83592-90039	8L	01	45	07					
83594A		OPER & SERV MAN MAN CHANGE	NOV83 JUN85	83594-90003 83594-90003	AUG85	83594-90004	8L	01	45	07					
83595A		OPER & SERV MAN MAN CHANGE	OCT82 JUN85	83595-90003 83595-90003	AUG85	83595-90004	8L	01	45	08					
8402A		OPER & SERV MAN	FEB65	08402-90008	NOV74	08402-90009		01	04	01					
8402B		OPER & SERV MAN SERV NOTE SET BELOW 8402B-1 8402B-2	JUL69 -	08402-90005 SER BELOW 739-	APR73 MAY78	08402-90007		01	04	02					
8403A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 8403A-1 8403A-2 8403A-3 8403A-4 8403A-5 8403A-6 8403A-7 8403A-8 8403A-9	OCT71 OCT79 FEB84 DEC65 MAR67 OCT67 FEB68 MAY68 JUL69 MAY74 SEP75 AUG75	08403-90017 08403-90022 08403-90025 SER BELOW 523-00276. SER BELOW 629-00651. SER BELOW 736-00865. WO SER BELOW 736-00873. WO SER BELOW 736-00876. WO SER BELOW 736-01451. WO SER BELCW 1251A. WO SER BELOW 1413A. WA SER 1431A02856	JUN79 MAR84 MAY84 SER BELOW 523-00276. SER BELOW 629-00651. SER BELOW 736-00865. MOD TO AVOID LOSS OF WIDTH CNTRL DUE PREMATURE TRIG NEG SPIKER MOD TO IMPROVE PERFORMANCE PREF REPL FOR T401 FOR IMPR HIGH FREQ PERFORMANCE FACTRY SELECT VALUES FOR C401 & C405 IMPR SETABILITY OF 50 KHZ RATE. IMPR AM COMPAT WITH 8730 PIN MODUL MOD TO IMPROVE PERFORMANCE THRU 1526A03089.	08403-90018* 08403-90023* 08403-90026	8L	01	04	03	USE 8403A FICHE 08403-90023 USE 8403A FICHE 08403-90026				
8403A-H01		OPER & SERV MAN MAN CHANGE	FEB69 FEB72	08403-90011 08403-90011	APR72	08403-90014		01	21	02					
8404A		OPER & SERV MAN MAN CHANGE	JUL70 FEB76	08404-90006 08404-90006	JAN85	08404-90007	8L	01	45	02					
8405A		OPER & SERV MAN MAN CHANGE ADDENDUM SERV NOTE SET BELOW 8405A-1C 8405A-2 8405A-3 8405A-4D 8405A-5 8405A-6 8405A-7 8405A-8A 8405A-9 8405A-10A	MAY71 MAR85 APR85 NOV68 -	08405-90024 08405-90024 08405-90024 PERFORMANCE CHECK PROCEDURE NOT AVAILABLE	JUL85										
			SEP67	CAUTION-OVER 2 VAC PEAK OR OVER 50 VDC BURNS OUT PROBE WITH OR WITHOUT BLOCKING CAP											
			OCT69	WN ILLUSTRATED ALIGNMENT PROCEDURE											
			JAN76	WN ALL SER.REC PROC PROBE BOARD COMPONENT REPLACEMENT											
			MAY76	WN ALL SER.OPER PROC TO PREVENT FALSE PHASE LOCKING											
			FEB79	WO ALL SER.REC REPL KIT FOR A3/A4 SAMPLER BOARD ASSY											
			JUL81	WO SER 2014A & BELOW, REP "APC UNLOCKED" INDICATOR LIGHT REPL											
			MAY81	WO SER 2014A & BELOW, ISOLATION AMP XISTOR REPL TO CORRECT POOR ISOLATION BETWEEN CHANN											
			FEB85	WN SER 732A & ABOVE, PRECAUTION TO PREV DAMAGE WHEN HANDL 8405A PROBES											

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8405A	OPER & SERV MAN	MAY71 08405-90024	JUL85 08405-90025	8L 01 45 04
	MAN CHANGE	MAR85 08405-90024		
	ADDENDUM	APR85 08405-90024		
	SERV NOTE SET BELOW		JUL85	
8405A-1C		NOV68	PERFORMANCE CHECK PROCEDURE	
8405A-2		-	NOT AVAILABLE	
8405A-3		SEP67	CAUTION-OVER 2 VAC PEAK OR OVER 50 VDC BURNS OUT PROBE WITH OR WITHOUT BLOCKING CAP	
8405A-4D		OCT69	WN ILLUSTRATED ALIGNMENT PROCEDURE	
8405A-5		JAN76	WN ALL SER.REC PROC PROBE BOARD COMPONENT REPLACEMENT	
8405A-6		MAY76	WN ALL SER.OPER PROC TO PREVENT FALSE PHASE LOCKING	
8405A-7		FEB79	WO ALL SER.REC REPL KIT FOR A3/A4 SAMPLER BOARD ASSY	
8405A-8A		JUL81	WO SER 2014A & BELOW,REP "APC UNLOCKED" INDICATOR LIGHT REPL	
8405A-9		MAY81	WO SER 2014A & BELOW.ISOLATION AMP XISTOR REPL TO CORRECT POOR ISOLATION BETWEEN CHANN	
8405A-10A		FEB85	WN SER 732A & ABOVE.PRECAUTION TO PREV DAMAGE WHEN HANDL 8405A PROBES	

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DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 347
*** DESCRIPTION ***											
8406A		OPER & SERV MAN MAN CHANGE MAN CHANGE SERV NOTE SET BELOW 8406A-1-S 8406A-2 8406A-3	MAY80 SEP82 NOV82	08406-90001 08406-90001 08406-90001	JAN83	08406-90004	8L	01	53	01	
					APR84						
			JUL77	WA	SAFETY.SER 1711A01585 & BELOW.ELIM OF POTENTIAL SAFETY HAZARD						
			SEP80	WN	ALL SER.PERF TEST & ADJ PROC						
			NOV83	WO	SER 2246A02245 & BELOW.PWR SUPPLY MOD - FUSEHOLDER & A1VR1						
8407A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8407A-1 8407A-2A/8412A-2A 8407A-3 8407A-4 8407A-5 8407A-6 8407A-7 8407A-8 8407A-9 8407A-10	DEC71 FEB84	08407-90038 08407-90038	JAN85	08407-90039	8L	01	45	03	
					MAY78						
			-		NOT AVAILABLE						
			MAY71	WO	SER BELOW 972-00335.REC 1C REPLACEMNT						
			APR71	WO	SER BELOW 983-00445.MOD TO IMPR PERF						
			MAY71	WO	ALL SER.PHASE LOCKED OSCIL REPL PROC AND 8407A ALIGN PROC						
			FEB74	WO	SER BELOW 1144A.MOD IMPR 220V OPER						
			AUG74	WO	ALL SER.PHASE LOCKED OSCIL TRBLSHTG						
			MAR75	WO	SER BELOW 1144A.POWER SUPPLY IMPR						
			APR75	WN	ALL SER.REPAIR MANUAL & TRBLSHTG PROC						
			NOV76	WO	ALL SER.REC REPL Q7 & Q9 ON A10, THE AGC FEEDBACK AMPL'R						
			NOV76	WO	ALL SER.A17 POWER SUPPLY ASMBLY IMPR						
8407A-H27		OP & SERV MAN SUPP	AUG71	08407-90030	NOV84	08407-90035	8L	01	45	01	
8408B		OPER & SERV MAN MAN CHANGE	AUG82 NOV84	08408-90009 08408-90009	MAR85	08408-90010	8L	01	45	02	
8409A		OPER & SERV MAN	MAR78	08409-90002	NOV78	08409-90003	8L	01	45	01	
8409B		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	MAR80 JUL81 OCT81	08409-90047 08409-90062 08409-90069	JUN80 SEP81 FEB82	08409-90048* 08409-90063* 08409-90070	8L	01	45	02	USE 8409B FICHE 08409-90063 USE 8409B FICHE 08409-90070
8409C		OPER & SERV MAN MAN CHANGE	JUN83 JUL84	08409-90078 08409-90078	MAR85	08409-90079	8L	01	45	03	
8410A		OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 8410A-1 8410A-2/8414A-4 8410A-3 8410A-4 8410A-5 8410A-6 8410A-7 8410A-7/8410B-2 8410A-8/8410B-3 8410A-9/8410B-4	JAN69 DEC71	08410-90010 08410-90020	OCT73 JUN75	08410-90018 08410-90021*	01	45	05	06	FOR SERIAL PFXES 750- & BELOW USE 8410B FICHE 08410-90522
					JAN81						
			OCT68	SER	BELOW 750-00280.MOD TO IMPR AGC & PHASE LOCK						
			APR69	WA	SER BELOW 806-00680.NEW TOP COVER FORBETTER VENTILATION						
			MAY69	WA	SER BELOW 806-00750.MOD TO IMPR PERF						
			JAN70	WO	AGC MONITOR ADJ						
			AUG70	WO	SER 987 & UP.REALIGN PROC COMPATIBLTYWITH 8413A PHASE-GAIN INDICATOR						
			JUN73	WN	SER 935-01131 THRU 1144A02227.NEW REPL HARDWARE MOUNTING FAN						
			-		SER BELOW 1310A02411.MOD TO ELIM CROSS-TALK PROB REAR PANEL OUTPUTS						
			AUG80	WN	ALL SER.REC MOD TO MINIMIZE SIZE & NO OF DONUTS DISPLAYED ON CRT						
			OCT80	WO	ALL SER.MOD TO REDUCE SUSC TO PHASE LOCK ON HARMONICS OF RF SIGNAL						
			AUG80	WN	ALL SER.MOD TO OPTIMIZE VTO FREQ WITH 8410A/B SWEEP STAB CONTROL						
8410A-H26		OP & SERV MAN SUPP	AUG73	08410-91015	OCT73	08010-91016*	01	45	01	USE 8410A-034 FICHE 08410-90041	
8410A-034		MAN SUPP MAN CHANGE	JUN74 AUG77	08410-90040 08410-90040	JAN85	08410-90041	8L	01	45	01	

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*** DESCRIPTION ***											

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4,741A-5,741A-7,

8410A-3	MAY69	WA	SER	BELOW	806-00750	MOD	TO	IMPR	PERF
8410A-4	JAN70	WO	AGC	MONITOR	ADJ				
8410A-5	AUG70	WO	SER	987	&	UP	REALIGN	PROC	COMPATIBLTYWITH 8413A PHASE-GAIN INDICATOR
8410A-6	JUN73	WN	SER	935-01131	THRU	1144A02227	NEW	REPL	HARDWARE MOUNTING FAN
8410A-7	-	-	SER	BELOW	1310A02411	MOD	TO	ELIM	CROSS-TALK PROB REAR PANEL OUTPUTS
8410A-7/8410B-2	AUG80	WN	ALL	SER.REC	MOD	TO	MINIMIZE	SIZE	& NO OF DONUTS DISPLAYED ON CRT
8410A-8/8410B-3	OCT80	WO	ALL	SER	MOD	TO	REDUCE	SUSC	TO PHASE LOCK ON HARMONICS OF RF SIGNAL
8410A-9/8410B-4	AUG80	WN	ALL	SER	MOD	TO	OPTIMIZE	VTO FREQ	WITH 8410A/B SWEEP STAB CONTROL

8410A-H26	OP & SERV MAN SUPP	AUG73	08410-91015	OCT73	08010-91016*	01	45	01	USE 8410A-034 FICHE 08410-90041
8410A-034	MAN SUPP	JUN74	08410-90040	JAN85	08410-90041	8L	01	45	01
	MAN CHANGE	AUG77	08410-90040						

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8410B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8410B-1 8410A-7/8410B-2 CONTD 8410A-8/8410B-3 8410A-9/8410B-4	JUN79 MAR85	08410-90521 08410-90521	AUG85	08410-90522	8L	01	45	05	FOR SERIAL PFXES 803- & ABOVE
					JAN81						
			APR75	WN ALL SER.REC	AUTO-FREQ	MODE I/O	CBLE	(8120-2208)	FOR	AUTO	TRKG HP MODEL 8620C OR 8620A
			AUG80	WN SER 1902A01892	& BELOW +	1902A01897,01900,01902,01906,01907	REC	MOD	TO	MINIMIZE	SIZE
											& NO OF DONUTS DISPLAYED ON CRT
			OCT80	WO SER 1902A01610	& BELOW	MOD	TO	REDUCE	SUSC	TO	PHASE LOCK ON HARMONICS OF RF SIGNAL
			AUG80	WN SER 2005A	& BELOW	MOD	TO	OPTIMIZE	VTO FREQ	WITH	8410A/B SWEEP STAB CONTROL
8410C		MAN SUPP MAN CHANGE	MAR82 MAR85	08410-92019 08410-92019	AUG85	08410-92020	8L	01	45	01	
8410S-100		OPER & SERV MAN MAN CHANGE	SEP69 FEB75	08410-91008 08410-91008	DEC75	08410-91012	8L	01	45	02	
8410S-200		OPER & SERV MAN MAN CHANGE	SEP69 FEB75	08410-91008 08410-91008	DEC75	08410-91012	8L	01	45	02	
8410S-300		OPER & SERV MAN MAN CHANGE	SEP69 FEB75	08410-91008 08410-91008	DEC75	08410-91012	8L	01	45	02	
8411A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8411A-1 8411A-2 8411A-3 8411A-4A 8411A-5 8411A-6 8411A-7	JAN69 DEC71 JUN79 MAR85	08410-90010 08410-90020 08410-90521 08410-90521	OCT73 JUN75 AUG85	08410-90018 08410-90021* 08410-90522	01	45	05	06	FOR SERIAL PFXES 747- & BELOW USE 8411A FICHE 08410-90522 FOR SERIAL PRXES 803- & ABOVE
					JUL82						
			JAN70	WO SER	BELOW 850-	MOD	TO	RED	VTO	FEDTHRU	
			OCT78	WO ALL SER.REC	ADJ	PROC	TO	ENSURE	COMPAT	WITH	BROADBAND APPLICATIONS.
			JAN79	WO ALL SER	CORRECT	P/N'S	TO	USE	WHEN	REPL	SAMPLER ASSYS.
			FEB82	WO ALL SER	STEP-BY-STEP	PROC	FOR	REPL	SAMPLER	DIODE	
			AUG80	WO SER 1925A	& BELOW	MOD	TO	IMPROVED	STABILITY	&	LINEARITY
			MAY81	WO SER 934-01805	& BELOW	REC	STRIPLINE	REPL	KIT		
			JUL81	WN SER 930	& BELOW	REC	CABLE	REPL	KIT		
8412A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8412A-1 8407A-2A/8412A-2A 8412A-3 8412A-4 8412A-5 8412A-6 8412A-7-S 8412A-8A	APR72 APR81	08412-90018 08412-90018	APR85	08412-90019	8L	01	45	03	
					JUL79						
			-	NOT	AVAILABLE						
			MAY71	WO SER	BELOW 976-00445	REC	IC	REPL			
			-	NOT	AVAILABLE						
			DEC70	CORR	SPEC	PHASE	ACCUR	VS	DSPLY	AMPLT	
			DEC76	WO SER	BELOW 1625A02890	REC	REPL	BANDWDTH	SWITCH	S1	
			JUL78	WN SER 1625A	& BELOW	MOD	FOR	USE	WITH	8750A	STORAGE-NORMALIZER.
			-	SAFETY	SER 1812A	& BELOW	IMPROVEMENT	OF	FUSE	LABELING.	
			FEB79	WO ALL SER	REC	REPL	FOR	A3U1,A3U3,& A3U4	BI-FET	ANALOG	SWITCHES
8412B		OPER & SERV MAN MAN CHANGE	DEC81 MAR85	08412-90033 08412-90033	APR85	08412-90034	8L	01	45	03	
8413A		OPER & SERV MAN MAN CHANGE	MAY74 SEP84	08413-90011 08413-90011	AUG85	08413-90012	8L	01	45	03	
8414A		OPER & SERV MAN MAN CHANGE OPER & SERV MAN	SEP73 DEC84 JUN68	08414-90016 08414-90016 08414-90004	AUG85 DEC78	08414-90013 08414-90017	8L	01	45	03	FOR SERIAL PFX 936 & ABOVE FOR SERIAL PFX 933 & BELOW

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SWITCH SELECTION
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IP.MOD TO ELIM

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.MOD TO ELIM

8412A-7-S	OPER & SERV MAN	DEC81 08412-90033	APR85 08412-90034	8L 01 45 03
8412A-8A	MAN CHANGE	MAR85 08412-90033		
8413A	OPER & SERV MAN	MAY74 08413-90011	AUG85 08413-90012	8L 01 45 03
	MAN CHANGE	SEP84 08413-90011		
8414A	OPER & SERV MAN	SEP73 08414-90016	AUG85 08414-90013	8L 01 45 03 FOR SERIAL PFX 936 & ABOVE
	MAN CHANGE	DEC84 08414-90016		
	OPER & SERV MAN	JUN68 08414-90004	DEC78 08414-90017	8L 01 45 02 FOR SERIAL PFX 933 & BELOW

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 349
*** DESCRIPTION ***											
8414A		MAN CHANGE	OCT69	08414-90004	DEC78	08414-90017	8L	01	45	02	
		SERV NOTE SET BELOW			JAN81						
		8414A-1	FEB68	ALL SER.CORP SPEC HORZ & VER DC OUTPT							
		8414A-2	MAR68	WA SER 749-00215.MOD FOR IMPR GROUNDING							
		8414A-3		NOT AVAILABLE							
		8410A-2/8414A-4	APR69	WA SER BELOW 833-00540.NEW TOP COVER FORBETTER VENTILATION							
		8414A-5	NOV78	WO SER 1616A03675 & BELOW.REC REPL FOR HI VOLTAGE OSC TRANS Q1 & Q2.							
		8414A-6	OCT80	WN SER 1616A & BELOW.MOD TO REPL UNSTABLE HI V OSC							
8414B		MAN SUPP	JAN82	08414-90028	MAR85	08414-90029	8L	01	45	01	FOR USE WITH 8414A FICHE 08414-90013
		MAN CHANGE	JUN84	08414-90028							
8418A		OPER NOTE	MAR71	08418-90001	JUN75	03418-90004*	01	45	01		USE 8418A FICHE 08418-90031
		OPER & SERV MAN	MAY80	08418-90020	FEB84	08418-90031	8L	01	45	01	
8418B		OPER & SERV MAN	JUL82	08418-90028	MAR85	08418-90029	8L	01	45	02	
		MAN CHANGE	DEC84	08418-90028							
84200A/D		SERV NOTE SET BELOW			OCT85						
8441A		OPER & SERV MAN	DEC68	08441-90004	JUL72	08441-90005	01	45	02		
		MAN CHANGE	JUN72	08441-90004							
8442A		OPER NOTE	MAR69	08442-90002	JAN82	08442-90004	8L	01	45	01	
8443A		OPER & SERV MAN	APR72	08443-90028	JUN75	08443-90029*	01	45	04		USE 8443A FICHE 08443-90060
		OPER & SERV MAN	MAR82	08443-90059	JAN83	08443-90040	8L	01	53	04	
		SERV NOTE SET BELOW			APR83						
		8443A-1	APR70	WA SER BELOW 955-.MOD ELIM 50 MHZ SPURIOUS RESPONSES							
		8443A-2	OCT70	WA SER BELOW 964-00245.MOD TO INCR A6 HIGH FREQ DECADE RELIAB							
		8443A-3	NOV70	WA SER BELOW 964-00219,EXCEPT SER 964-00179,185,186,193,201,203,205,206,212,214,215,							
		CONT'D		AND 218.INSTALLATION PROCEDURE FOR COOLING FAN							
		8443A-4	AUG72	WN SER BELOW 1145A.RESTORED SIGNAL OPER							
		8443A-6	MAR82	WO SER 2044A & BELOW;REC REPL A6 HIGH FREQ DECADE ASSY							
		8443A-7	NOV81	WO SER 1821A & BELOW;MOD TO MARKER CNTRL ASSY TO FILM STOP SWEEP PROB IN SLOW SCAN TIME							
		8443A-8	NOV81	WO SER 1821A & BELOW;MOD TO IMPR SCAN HOLD OPERATION							
		8443A-9	DEC82	WO SER 2204A03885 & BELOW.IMPROV LOW AMPLT LOW FREQ RESP OF FREQ COUNTER							
		8443A-10	DEC82	WO ALL SER. IMPROV TRACK ADJ RANGE							
8443B		OPER & SERV MAN	APR72	08443-90028	JUN75	08443-90029*	01	45	04		USE 8443A FICHE 08443-90060
		SERV NOTE SET BELOW			APR79						
		8443A/B-1	DEC71	WO SER BELOW 1049A00440.12V PWR SUP IMPR							
		8443A/B-1-S	OCT78	WA SAFETY.SER 1228A & BELOW.ELIM OF POT SHOCK HZRD.							
8444A		OPER & SERV MAN	JAN75	08444-90012	FEB75	08444-90013*	01	45	03		USE 8444A FICHE 08444-90048
		OPER & SERV MAN	JUN80	08444-90035	JAN83	08444-90048	8L	01	53	03	
		MAN CHANGE	OCT82	08444-90035							
		SERV NOTE SET BELOW			JUL84						
		8444A-1	AUG72	WO SER BELOW 1147A.IMPR PWR SUPPLY STAB							
		8444A-2	MAR78	WA SER BELOW 1817A.MOD TO REDUCE RESIDUAL FM WHEN OPER AT 50 HZ PWR MAINS							
		8444A-3	APR78	WO ALL SER.REC REPL PWR LINE MODULE							
		8444A-4	MAR82	WO SER 2103A & BELOW;MOD KIT TO IMPROVE PERF FOR SWEEP TIMES LESS THAN 5 MSEC/DIV							
		8444A-5	JUL83	WN SER 2126A & BELOW.RED OF RESIDUAL FM							
		8444A-6	JAN84	WN SER 1147A & BELOW.REGRD MOD WHEN REPL A3 AMPLF DETECTOR ASSY							

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8444A OPER & SERV MAN JAN75 08444-90012 FEB75 08444-90013* 01 45 03 USE 8444A FICHE 08444-90048
 OPER & SERV MAN JUN80 08444-90035 JAN83 08444-90048 8L 01 53 03
 MAN CHANGE OCT82 08444-90035
 SERV NOTE SET BELOW JUL84
 8444A-1 AUG72 WO SER BELOW 1147A.IMPR PWR SUPPLY STAB
 8444A-2 MAR78 WA SER BELOW 1817A.MOD TO REDUCE RESIDUAL FM WHEN OPER AT 50 HZ PWR MAINS
 8444A-3 APR78 WO ALL SER.REC REPL PWR LINE MODULE
 8444A-4 MAR82 WO SER 2103A & BELOW;MOD KIT TO IMPROVE PERF FOR SWEEP TIMES LESS THAN 5 MSEC/DIV
 8444A-5 JUL83 WN SER 2126A & BELOW.RED OF RESIDUAL FM
 8444A-6 JAN84 WN SER 1147A & BELOW.REGRD MOD WHEN REPL A3 AMPLF DETECTOR ASSY

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 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***
 8444A-058 OPER & SERV MAN JAN75 08444-90012 FEB75 08444-90013* 01 45 03 USE 8444A-058 FICHE 08444-90048
 OPER & SERV MAN JUN80 08444-90035 JAN83 08444-90048 8L 01 53 03
 MAN CHANGE OCT82 08444-90035
 8444A-059 OPER & SERV MAN JUN80 08444-90035 JAN83 08444-90048 8L 01 53 03
 MAN CHANGE OCT82 08444-90035
 8445A OPER & SERV MAN OCT71 08445-90002 AUG72 08445-90003 01 45 03
 MAN CHANGE JUL72 08445-90002
 SERV NOTE SET BELOW APR83
 8445A-1A OCT82 WN ALL SER.REPL YIG FILTER ASSEMBLY
 8445B PRELIM OP & SERV MN MAY73 08445-90103 JAN75 08445-90104* 01 45 02 USE 8445B FICHE 08445-90110
 OPER & SERV MAN JUN75 08445-90109 JUN79 08445-90110* 8L 01 45 03 USE 8445B FICHE 08445-90028
 OPER & SERV MAN AUG80 08445-90027 JAN83 08445-90028 8L 01 53 03
 MAN CHANGE SEP82 08445-90027
 8447A OPER & SERV MAN APR70 08447-90003 JAN83 08447-90004 8L 01 53 02
 MAN CHANGE JUL82 08447-90003
 SERV NOTE SET BELOW OCT85
 8447A-1 MAY83 WO SER 1937A & BELOW.400 MHZ PREAMPLF REPL
 8447A-2 MAY83 WO SER 1937A & BELOW.400 MHZ PREAMPLF,REPL
 8447A-3/8447C-3/ FEB82 WN ALL SER.CAUTION ON EXCESS MAX INPUT PWR SPECIFICATIONS
 8447D-3/8447E-3/ NOV84 WN ALL SER.PREV OF AMPL DAMAG DUE TO ELECTROSTATIC DISCHARGE
 8447A-4
 8447A-001 OPER & SERV MAN APR70 08447-90003 JAN83 08447-90004 8L 01 45 02
 MAN CHANGE JUL82 08447-90003 JAN83 08447-90004 8L 01 53 02
 8447B OPER & SERV MAN JAN71 08447-90006 JAN83 08447-90026 8L 01 53 01
 MAN CHANGE AUG73 08447-90006
 8447C OPER & SERV MAN APR71 08447-90008 JAN83 08447-90027 8L 01 45 01
 MAN CHANGE AUG81 08447-90008
 SERV NOTE SET BELOW OCT85
 8447C-1A OCT84 WO SER 1937A & BELOW.MOD KIT FOR REPL AMPLF
 8447A-3/8447C-3/ FEB82 WN ALL SER.CAUTION ON EXCESS MAX INPUT PWR SPECIFICATIONS
 8447D-3/8447E-3/
 8447D OPER & SERV MAN JUN73 08447-90016 OCT73 08447-90017* 01 45 01 USE 8447D FICHE 08447-90040
 OPER & SERV MAN SEP80 08447-90033 JAN83 08447-90040 8L 01 53 01
 SERV NOTE SET BELOW OCT85
 8447A-3/8447C-3/ FEB82 WN ALL SER.CAUTION ON EXCESS MAX INPUT PWR SPECIFICATIONS
 8447D-3/8447E-3/ NOV84 WN ALL SER.PREV OF AMPL DAMAG DUE TO ELECTROSTATIC DISCHARGE
 8447D/E/F-4
 8447E OPER & SERV MAN JUN73 08447-90016 OCT73 08447-90017* 01 45 01 USE 8447E FICHE 08447-90040
 OPER & SERV MAN SEP80 08447-90033 JAN83 08447-90040 8L 01 53 01
 SERV NOTE SET BELOW OCT85
 8447A-3/8447C-3/ FEB82 WN ALL SER.CAUTION ON EXCESS MAX INPUT PWR SPECIFICATIONS
 8447D-3/8447E-3/ NOV84 WN ALL SER.PREV OF AMPL DAMAG DUE TO ELECTROSTATIC DISCHARGE
 8447D/E/F-4
 8447F OPER & SERV MAN JUN73 08447-90016 OCT73 08447-90017* 01 45 01 USE 8447F FICHE 08447-90040
 OPER & SERV MAN SEP80 08447-90033 JAN83 08447-90040 8L 01 53 01

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 8447F SERV NOTE SET BELOW OCT85

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8447E	OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 8447A-3/8447C-3/ 8447D-3/8447E-3/ 8447D/E/F-4	JUN73 08447-90016 SEP80 08447-90033	OCT73 08447-90017* JAN83 08447-90040 OCT85	01 45 01 USE 8447E FICHE 08447-90040 8L 01 53 01
8447F	OPER & SERV MAN OPER & SERV MAN	JUN73 08447-90016 SEP80 08447-90033	OCT73 08447-90017* JAN83 08447-90040	01 45 01 USE 8447F FICHE 08447-90040 8L 01 53 01

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8447F		SERV NOTE SET BELOW 8447A-3/8447C-3/ 8447D-3/8447E-3/ 8447D/E/F-4			OCT85						
			FEB82	WN ALL SER.CAUTION ON EXCESS MAX INPUT PWR SPECIFICATIONS							
			NOV84	WN ALL SER.PREV OF AMPL DAMAG DUE TO ELECTROSTATIC DISCHARGE							
8470A		OPER & SERV MAN	JUL76	00423-90019	MAR77	00423-90021	8L	01	04	01	
8470B		OPER & SERV MAN OPER & SERV MAN	JUN75 FEB79	00423-90016 00423-90103	JUL76 MAR79	00423-90017* 00423-90104	8L	01	04	01	USE 8470B FICHE 00423-90104
8471A		OPER NOTE OPER NOTE	AUG69 MAR84	08471-90005 08471-90008	DEC70 MAY84	08471-90006* 08471-90009	01	04	01	8L	USE 8471A FICHE 08471-90009
8472A		OPER NOTE OPER & SERV MAN OPER & SERV MAN	NOV73 JUL76 DEC84	08472-90011 08472-90018 08472-90024	JAN74 SEP83 MAY85	08472-90012* 08472-90019* 08472-90025	01	04	01	8L	USE 8472A FICHE 08472-90019 USE 8482A FICHE 08472-90025
8472B		OPER & SERV MAN OPER & SERV MAN	JUN75 OCT78	08472-90014 08472-90022	JUL75 NOV78	08472-90015* 08472-90023	8L	01	04	01	USE 8472B FICHE 08472-90023
8473B		OPER & SERV MAN	FEB77	08473-90003	FEB77	08473-90004	8L	01	04	01	
8473C		OPER & SERV MAN	FEB77	08473-90003	FEB77	08473-90004	8L	01	04	01	
8477A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8477A-1	APR71 SEP84	08477-90003 08477-90003	FEB85	08477-90004	8L	01	04	01	
			JUN70	WN UPDATED PERF TEST & CALIB PROC 8477A.MANUAL PART NO 08477-90002	MAY78						
8478A		OPER & SERV MAN	NOV81	08478-90015	JAN82	08478-90016	8L	01	04	01	
8478B		OPER NOTE SERV NOTE SET BELOW 8478B-1A 8478B-2	MAY70	08478-90013	MAY81 APR79	08478-90014* 08478-90014*	8L	01	04	01	USE 8478A FICHE 08478-90016
			OCT78	WN SER 2383 THRU 2898 & 2411 & UP.REC THERMISTOR ASSY REPL KIT.							
			SEP78	WN SER 1144A12160 & BELOW.REC GRND MOD.							
84801A		OPER & SERV MAN	JAN78	84801-90002	FEB78	84801-90003	8L	01	04	01	
8481A		OPER & SERV MAN MAN CHANGE OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGES SERV NOTE SET BELOW 8481A-1 8481A-2A/8482A-1/ 8483A-1	FEB73 APR75 DEC75 JUN79 OCT80 MAY84	08481-90002 08481-90002 08481-90019 08481-90029 08481-90063 08481-90063	DEC84	08481-90003	8L	01	04	01	SER PFX 1234A & BELOW
			JUL78	08481-90020*	JUL78	08481-90020*	8L	01	04	01	USE 8481A FICHE 08481-90030
			JUL79	08481-90029	JUL79	08481-90030*	8L	01	04	01	USE 8481A FICHE 08481-90064
			OCT80	08481-90063	AUG84	08481-90064	8L	01	04	01	
			MAY84	08481-90063							
			MAR75	WN ALL SER.PWR SENSOR PRECAUTIONS	OCT79						
			JUL79	WN SER 1550A & BELOW.PREF REPL FOR INPUT AMP ASSY.							
8481B		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUN79 MAR81 MAY84	08481-90023 08481-90033 08481-90033	JUL79 AUG84	08481-90024* 08481-90034	8L	01	04	01	USE 8481B FICHE 08481-90034
8481H		OPER & SERV MAN MAN CHANGE	JAN79 MAY84	08481-90016 08481-90016	AUG84	08481-90017	8L	01	04	01	

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8481H		SERV NOTE SET BELOW 8481H-1/8482H-1			OCT79						
			JUL79	WN SER 1545A & BELOW.PREF REPL FOR CONN ASSY.							

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8481B	OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUN79 08481-90023 MAR81 08481-90033 MAY84 08481-90033	JUL79 08481-90024* 8L 01 04 01 USE 8481B FICHE 08481-90034 AUG84 08481-90034 8L 01 04 01
8481H	OPER & SERV MAN MAN CHANGE	JAN79 08481-90016 MAY84 08481-90016	AUG84 08481-90017 8L 01 04 01

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*** DESCRIPTION ***											
8481H		SERV NOTE SET BELOW 8481H-1/8482H-1	JUL79	WN SER 1545A &	OCT79 BELOW.PREF REPL FOR CONN ASSY.						
84811A		OPER & SERV MAN SERV NOTE SET BELOW 84811A-1	APR85	84811-90010	JUL85	84811-90011	8L	01	04	01	
			NOV81	WN ALL SER RECOMMEND DIODE MODULE REPL ASSY IN PEAD PWR SUPPLY	APR82						
8482A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGES SERV NOTE SET BELOW 8482A-1 8481A-2A/8482A-1/ 8483A-1	DEC75 JUN79 JUL74 OCT80 MAY84	08481-90019 08481-90029 08482-90001 08481-90063 08481-90063	JUL78 JUL79 JAN85 AUG84	08481-90020* 08481-90030* 08482-90002 08481-90064	8L	01	04	01	USE 8482A FICHE 08481-90030 USE 8482A FICHE 08481-90064 SER PFX 1414A & BELOW
			JUN75	WN ALL SER.POWER SENSOR PRECAUTIONS	OCT79						
			JUL79	WN SER 1551A & BELOW.PREF REPL FOR INPUT AMP ASSY.							
8482B		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	JUN79 MAR81 MAY84	08481-90023 08481-90033 08481-90033	JUL79 AUG84	08481-90024* 08481-90034	8L	01	04	01	USE 8482B FICHE 08481-90034 8L 01 04 01
8482H		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8481H-1/8482H-1	JAN79 MAY84	08481-90016 08481-90016	AUG84	08481-90017	8L	01	04	01	
			JUL79	WN SER 1545A & BELOW.PREF REPL FOR CONN ASSY.	OCT79						
8483A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGES SERV NOTE SET BELOW 8483A-1 8481A-2A/8482A-1/ 8483A-1	DEC75 JUN79 NOV74 OCT80 MAY84	08481-90019 08481-90029 08483-90001 08481-90063 08481-90063	JUL78 JUL79 JAN85 AUG84	08481-90020* 08481-90030* 08483-90002 08481-90064	8L	01	04	01	USE 8483A FICHE 08481-90030 USE 8483A FICHE 08481-90064 SER PFX 1416A & BELOW
			JUN75	WN ALL SER.POWER SENSOR PRECAUTIONS	OCT79						
			JUL79	WN SER 1602A & BELOW.PREF REPL FOR INPUT AMP ASSY.							
8484A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE	OCT75 MAR78 JUL80 SEP83 JAN85	08484-90006 08484-90010 08484-90012 08484-90014 08484-90014	SEP77 MAY80 MAY83 APR85	08484-90007* 08484-90011* 08484-90013* 08484-90015	8L	01	04	01	USE 8484A FICHE 08484-90011 USE 8484A FICHE 08484-90013 USE 8484A FICHE 08484-90015 8L 01 04 01
8485A		OPER & SERV MAN MAN CHANGE	MAR80 JAN85	08485-90001 08485-90001	JUN85	08485-90005	8L	01	04	01	
8491A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	MAY77 JUL79 JUL80 JUL81	08491-90056 08491-90059 08491-90061 08491-90065	JUN77 AUG79 FEB81 AUG81	08491-90057* 08491-90060* 08491-90062* 08491-90066	8L	01	04	01	USE 8491A FICHE 08491-90060 USE 8491A FICHE 08491-90062 USE 8491A FICHE 08491-90066 8L 01 04 01
8491B		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	MAY77 JUL79 JUL80 JUL81	08491-90056 08491-90059 08491-90061 08491-90065	JUN77 AUG79 FEB81 AUG81	08491-90057* 08491-90060* 08491-90062* 08491-90066	8L	01	04	01	USE 8491B FICHE 08491-90060 USE 8491B FICHE 08491-90062 USE 8491B FICHE 08491-90066 8L 01 04 01

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*** DESCRIPTION ***											
8492A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN	MAY77 JUL79 JUL80 JUL81	08491-90056 08491-90059 08491-90061 08491-90065	JUN77 AUG79 FEB81 AUG81	08491-90057* 08491-90060* 08491-90062* 08491-90066	8L	01	04	01	USE 8492A FICHE 08491-90060 USE 8492A FICHE 08491-90062 USE 8492A FICHE 08491-90066 8L 01 04 01

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8491B	OPER & SERV MAN	MAY77	08491-90056	JUN77	08491-90057*	8L 01 04 01	USE 8491B FICHE 08491-90060
	OPER & SERV MAN	JUL79	08491-90059	AUG79	08491-90060*	8L 01 04 01	USE 8491B FICHE 08491-90062
	OPER & SERV MAN	JUL80	08491-90061	FEB81	08491-90062*	8L 01 04 01	USE 8491B FICHE 08491-90066
	OPER & SERV MAN	JUL81	08491-90065	AUG81	08491-90066	8L 01 04 01	

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 353
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
8492A		OPER & SERV MAN	MAY77	08491-90056	JUN77	08491-90057*	8L	01	04	01	USE 8492A FICHE 08491-90060
		OPER & SERV MAN	JUL79	08491-90059	AUG79	08491-90060*	8L	01	04	01	USE 8492A FICHE 08491-90062
		OPER & SERV MAN	JUL80	08491-90061	FEB81	08491-90062*	8L	01	04	01	USE 8492A FICHE 08491-90066
		OPER & SERV MAN	JUL81	08491-90065	AUG81	08491-90066	8L	01	04	01	
8493A		OPER & SERV MAN	MAY77	08491-90056	JUN77	08491-90057*	8L	01	04	01	USE 8493A FICHE 08491-90060
		OPER & SERV MAN	JUL79	08491-90059	AUG79	08491-90060*	8L	01	04	01	USE 8493A FICHE 08491-90062
		OPER & SERV MAN	JUL80	08491-90061	FEB81	08491-90062*	8L	01	04	01	USE 8493A FICHE 08491-90066
		OPER & SERV MAN	JUL81	08491-90065	AUG81	08491-90066	8L	01	04	01	
8493B		OPER & SERV MAN	MAY77	08491-90056	JUN77	08491-90057*	8L	01	04	01	USE 8493B FICHE 08491-90060
		OPER & SERV MAN	JUL79	08491-90059	AUG79	08491-90060*	8L	01	04	01	USE 8493B FICHE 08491-90062
		OPER & SERV MAN	JUL80	08491-90061	FEB81	08491-90062*	8L	01	04	01	USE 8493B FICHE 08491-90066
		OPER & SERV MAN	JUL81	08491-90065	AUG81	08491-90066	8L	01	04	01	
8494A		OPER & SERV MAN	MAR75	08494-90001	MAY75	08494-90002*		01	04	01	USE 8494A FICHE 08494-90005
		OPER & SERV MAN	AUG77	08494-90004	SEP77	08494-90005*	8L	01	04	01	USE 8494A FICHE 08494-90007
		OPER & SERV MAN	NOV84	08494-90006	JAN85	08494-90007	8L	01	04	01	
8494B		OPER & SERV MAN	MAR75	08494-90001	MAY75	08494-90002*		01	04	01	USE 8494B FICHE 08494-90005
		OPER & SERV MAN	AUG77	08494-90004	SEP77	08494-90005*	8L	01	04	01	USE 8494B FICHE 08494-90007
		OPER & SERV MAN	NOV84	08494-90006	JAN85	08494-90007	8L	01	04	01	
8494G		OPER & SERV MAN	JUL75	08495-90007	OCT77	08495-90008*	8L	01	04	01	USE 8494G FICHE 08495-90015
		OPER & SERV MAN	NOV77	08495-90014	FEB79	08495-90015*	8L	01	04	01	USE 8494G FICHE 08495-90017
		OPER & SERV MAN	SEP81	08495-90016	FEB85	08495-90017	8L	01	04	01	
		MAN CHANGE	OCT84	08495-90016							
8494H		OPER & SERV MAN	JUL75	08495-90007	OCT77	08495-90008*	8L	01	04	01	USE 8494H FICHE 08495-90015
		OPER & SERV MAN	NOV77	08495-90014	FEB79	08495-90015*	8L	01	04	01	USE 8494H FICHE 08495-90017
		OPER & SERV MAN	SEP81	08495-90016	FEB85	08495-90017	8L	01	04	01	
		MAN CHANGE	OCT84	08495-90016							
8495A		OPER & SERV MAN	AUG77	08494-90004	SEP77	08494-90005*	8L	01	04	01	USE 8495A FICHE 08494-90007
		OPER & SERV MAN	JAN74	08495-90005	MAY74	08495-90006*		01	04	01	USE 8495A FICHE 08494-90005
		OPER & SERV MAN	NOV84	08494-90006	JAN85	08494-90007	8L	01	04	01	
8495B		OPER & SERV MAN	AUG77	08494-90004	SEP77	08494-90005*	8L	01	04	01	USE 8495B FICHE 08494-90007
		OPER & SERV MAN	JAN74	08495-90005	MAY74	08495-90006*		01	04	01	USE 8495B FICHE 08494-90005
		OPER & SERV MAN	NOV84	08494-90006	JAN85	08494-90007	8L	01	04	01	
8495D		OPER & SERV MAN	APR77	08495-90012	FEB85	08495-90013*	8L	01	04	01	USE 8495D FICHE 08495-90024
		OPER & SERV MAN	JAN85	08495-90023	MAY85	08495-90024	8L	01	04	01	
8495G		OPER & SERV MAN	JUL75	08495-90007	OCT77	08495-90008*	8L	01	04	01	USE 8495G FICHE 08495-90015
		OPER & SERV MAN	NOV77	08495-90014	FEB79	08495-90015*	8L	01	04	01	USE 8495G FICHE 08495-90017
		OPER & SERV MAN	SEP81	08495-90016	FEB85	08495-90017	8L	01	04	01	
		MAN CHANGE	OCT84	08495-90016							
8495H		OPER & SERV MAN	JUL75	08495-90007	OCT77	08495-90008*	8L	01	04	01	USE 8495H FICHE 08495-90015
		OPER & SERV MAN	NOV77	08495-90014	FEB79	08495-90015*	8L	01	04	01	USE 8495H FICHE 08495-90017
		OPER & SERV MAN	SEP81	08495-90016	FEB85	08495-90017	8L	01	04	01	
		MAN CHANGE	OCT84	08495-90016							
8495K		OPER & SERV MAN	APR77	08495-90012	FEB85	08495-90013*	8L	01	04	01	USE 8495K FICHE 08495-90024

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
8495K		OPER & SERV MAN	JAN85	08495-90023	MAY85	08495-90024	8L	01	04	01	
8496A		OPER & SERV MAN	AUG77	08494-90004	SEP77	08494-90005*	8L	01	04	01	USE 8496A FICHE 08494-90007
		OPER & SERV MAN	JAN74	08495-90005	MAY74	08495-90006*		01	04	01	USE 8496A FICHE 08494-90005
		OPER & SERV MAN	NOV84	08494-90006	JAN85	08494-90007	8L	01	04	01	

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8614A/B

OPER & SERV MAN	NOV77 08495-90014	FEB79 08495-90015*	8L 01 04 01	USE 8495H FICHE 08495-90015
OPER & SERV MAN	SEP81 08495-90016	FEB85 08495-90017	8L 01 04 01	USE 8495H FICHE 08495-90017
MAN CHANGE	OCT84 08495-90016			
8495K	OPER & SERV MAN	APR77 08495-90012	FEB85 08495-90013*	8L 01 04 01 USE 8495K FICHE 08495-90024

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8495K	OPER & SERV MAN	JAN85 08495-90023	MAY85 08495-90024	8L 01 04 01	
8496A	OPER & SERV MAN	AUG77 08494-90004	SEP77 08494-90005*	8L 01 04 01	USE 8496A FICHE 08494-90007
	OPER & SERV MAN	JAN74 08495-90005	MAY74 08495-90006*	01 04 01	USE 8496A FICHE 08494-90005
	OPER & SERV MAN	NOV84 08494-90006	JAN85 08494-90007	8L 01 04 01	
8496B	OPER & SERV MAN	AUG77 08494-90004	SEP77 08494-90005*	8L 01 04 01	USE 8496B FICHE 08494-90007
	OPER & SERV MAN	JAN74 08495-90005	MAY74 08495-90006*	01 04 01	USE 8496B FICHE 08494-90005
	OPER & SERV MAN	NOV84 08494-90006	JAN85 08494-90007	8L 01 04 01	
8496G	OPER & SERV MAN	JUL75 08495-90007	OCT77 08495-90008*	8L 01 04 01	USE 8496G FICHE 08495-90015
	OPER & SERV MAN	NOV77 08495-90014	FEB79 08495-90015*	8L 01 04 01	USE 8496G FICHE 08495-90017
	OPER & SERV MAN	SEP81 08495-90016	FEB85 08495-90017	8L 01 04 01	
	MAN CHANGE	OCT84 08495-90016			
8496H	OPER & SERV MAN	JUL75 08495-90007	OCT77 08495-90008*	8L 01 04 01	USE 8496H FICHE 08495-90015
	OPER & SERV MAN	NOV77 08495-90014	FEB79 08495-90015*	8L 01 04 01	USE 8496H FICHE 08495-90017
	OPER & SERV MAN	SEP81 08495-90016	FEB85 08495-90017	8L 01 04 01	
	MAN CHANGE	OCT84 08495-90016			
8497K	OPER & SERV MAN	FEB83 08497-90001	FEB85 08497-90002	8L 01 04 01	
	MAN CHANGE	OCT84 08497-90001			
8498A	OPER & SERV MAN	JUN79 08498-90002	JUL79 08498-90003*	8L 01 04 01	USE 8498A FICHE 08498-90006
	OPER & SERV MAN	MAR81 08498-90005	MAY82 08498-90006	8L 01 04 01	
	MAN CHANGE	FEB82 08498-90005			
850	OPER & SERV MAN	SEP65 00850-90001	AUG81 5950-1885	8L 01 21 01	
8500A	SERV NOTE SET BELOW		OCT81		
	8500A-1A	MAY81 WN MACH LANGUAGE PROG THAT WILL EXERCISE NCR PRINTER			
	8500A-2A/85007A-1	MAY81 WN ALL SER. TRBLESHTNG AIDS			
85001A	SERV NOTE SET BELOW		OCT78		
	85001A-1-72	JAN72 WO ALL SER. REC PREV MAINTENANCE			
	85001A-2	AUG73 WA SER BELOW 6200. IMPR HEAD ARM ACTUATOR			
	85001A-3	AUG73 WA SER 1018A & 1101A. MOTOR SWITCHING ASSY KIT			
	85001A-4	AUG74 WA SER BELOW 02213 EXCEPT FOR 02203,05,11. MOD TO IMPR FLAG STATUS OPER			
	85001A-5	MAR75 WO ALL SER. 50 CYCLE PULLYS			
	85001A-5	JUN75 WA SAFETY. ELIMINATION OF POT SHOCK HAZRD			
	85001A-6	DEC75 TEST & REPR OF TAPE TRANSPORT MODULES			
85007A	SERV NOTE SET BELOW		OCT81		
	8500A-2A/85007A-1	MAY81 WN ALL SER. TRBLESHTNG AIDS			
8501A	OPER & SERV MAN	JUN78 08501-90018	NOV78 08501-90020*	8L 01 45 06	USE 8501A FICHE 08501-90023
	OPER & SERV MAN	SEP79 08501-90022	SEP85 08501-90023	8L 01 45 06	
	MAN CHANGE	JUN85 08501-90022			
	SERV NOTE SET BELOW		JAN81		
	8501A-2	NOV78 WO SER 1830A00220 & BELOW. MOD OF REAR PNL CONNS TO BE COMPATBLE WITH NEW & IMPRVD INTR- CONN & LBLNG INTERFACE CABLES.			
	8501A-3	JUN80 WA ALL SER. MOD TO IMPR INTENSITY VAR WHEN SWITCHING BETWEEN STOR OFF & STOR ON			
	8501A-4	OCT80 WO ALL SER. INT ADJ PROC TO MAKE 8501A COMPAT WITH 8754A NETWORK ANALYZER			
85012A	OPER MAN	SEP85 85012-90001	NOV85 85012-90002	8L 01 45 01	

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

85013A	OPER MAN	AUG84 85013-90001	MAY85 85013-90002	8L 01 45 02	
	MAN CHANGE	FEB85 85013-90001			
85015A	OPER & SERV MAN	OCT83 85015-90001	AUG85 85015-90002	8L 01 45 04	
	MAN CHANGE	MAY85 85015-90001			

8501A-3
8501A-4JUN80 WA ALL SER.MOD TO IMPR INTENSITY VAR WHEN SWITCHING BETWEEN STOR OFF & STOR ON
OCT80 WO ALL SER.INT ADJ PROC TO MAKE 8501A COMPAT WITH 8754A NETWORK ANALYZER

85012A

OPER MAN

SEP85 85012-90001

NOV85 85012-90002 8L 01 45 01

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
85013A		OPER MAN MAN CHANGE	AUG84 FEB85	85013-90001 85013-90001	MAY85	85013-90002	8L	01	45	02	
85015A		OPER & SERV MAN MAN CHANGE	OCT83 MAY85	85015-90001 85015-90001	AUG85	85015-90002	8L	01	45	04	
8502A		OPER & SERV MAN	AUG77	08502-90001	NOV78	08502-90002	8L	01	45	01	
8502A-H26		OPER & SERV MAN MAN CHANGE	JAN80 MAY84	08502-90009 08502-90009	MAR85	08502-90010	8L	01	45	02	
8502B		OPER & SERV MAN MAN CHANGE	MAR77 DEC84	08502-90004 08502-90004	MAY85	08502-90005	8L	01	45	02	
85020A		OPER & SERV MAN	JUN83	85020-90001	JUL83	85020-90002	8L	01	45	02	
85020B		OPER & SERV MAN	JUN83	85020-90001	JUL83	85020-90002	8L	01	45	02	
85021A		OPER & SERV MAN OPER & SERV MAN	MAY83 OCT83	85021-90001 85021-90019	JUL83 FEB84	85021-90002* 85021-90020	8L	01	45	02	USE 85021A FICHE 85021-90020
85021B		OPER & SERV MAN OPER & SERV MAN	MAY83 OCT83	85021-90001 85021-90019	JUL83 FEB84	85021-90002* 85021-90020	8L	01	45	02	USE 85021B FICHE 85021-90020
85021C		OPER & SERV MAN OPER & SERV MAN	MAY83 OCT83	85021-90001 85021-90019	JUL83 FEB84	85021-90002* 85021-90020	8L	01	45	02	USE 85021C FICHE 85021-90020
85022A		OPER NOTE	JUN83	85022-90001	SEP83	85022-90002	8L	01	45	01	
85023A		OPER NOTE	JUN83	85023-90001	SEP83	85023-90002	8L	01	45	01	
85023B		OPER NOTE	JUN83	85023-90003	SEP83	85023-90004	8L	01	45	01	
85023C		OPER NOTE	JUN83	85023-90005	SEP83	85023-90006	8L	01	45	01	
85023D		OPER NOTE	JUN83	85023-90007	SEP83	85023-90008	8L	01	45	01	
85025A		OPER & SERV MAN	MAR85	85025-90001	JUL85	85025-90002	8L	01	45	02	
85025B		OPER & SERV MAN	MAR85	85025-90001	JUL85	85025-90002	8L	01	45	02	
85027A		OPER & SERV MAN	JUL85	85027-90001	NOV85	85027-90002	8L	01	45	02	
8503A		OPER & SERV MAN MAN CHANGE	AUG76 JUL85	08503-90001 08503-90001	SEP85	08503-90002	8L	01	45	02	
8503A/B		SERV NOTE SET BELOW 8503A-1/8503B-1	JUN78	WO ALL SER.REC	APR79	PROC FOR CLNG OF SOLENOID CONTACTS IN A5 COAX SW ASSY.					
8503B		OPER & SERV MAN MAN CHANGE	MAR77 JUL85	08503-90004 08503-90004	SEP85	08503-90005	8L	01	45	03	
85030C		PROGRAMMERS MAN MAN CHANGE	SEP80 APR82	85030-90014 82030-90014	MAY85	85030-90015	8L	01	45	02	

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MODEL
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8620A/B

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
85031A		OPER & SERV MAN	JUL76	85031-90001	JUN77	85031-90002	8L	01	45	01	
85032A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	APR80 NOV81 JUN82	85032-90001 85032-90003 85032-90003	MAY80 MAR85	85032-90002* 85032-90004	8L	01	45	01	USE 85032A FICHE 85032-90004
85033B		OPER & SERV MAN	DEC81	85033-90005	MAR82	85033-90004	8L	01	45	01	

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MODEL
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8621B-010

OP

8621B-100

OP

86210A

PR

MAN

85030C

PROGRAMMERS MAN
MAN CHANGESEP80 85030-90014
APR82 82030-90014

MAY85 85030-90015 8L 01 45 02

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***
85031A		OPER & SERV MAN	JUL76	85031-90001	JUN77	85031-90002	8L	01	45	01	
85032A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE	APR80 NOV81 JUN82	85032-90001 85032-90003 85032-90003	MAY80 MAR85	85032-90002* 85032-90004	8L	01	45	01	USE 85032A FICHE 85032-90004
85033B		OPER & SERV MAN	DEC81	85033-90005	MAR82	85033-90006	8L	01	45	01	
85040A		OPER & SERV MAN MAN CHANGE	MAR82 APR82	85040-90001 85040-90001	MAY85	85040-90002	8L	01	45	02	
85040B		OPER & SERV MAN MAN CHANGE	MAY82 MAY85	85040-90006 85040-90006	JUL85	85040-90007	8L	01	45	02	
85043A		OPER MAN MAN CHANGE	JUL84 APR85	85043-90001 85043-90001	AUG85	85043-90002	8L	01	45	01	
8505A		OPER & SERV MAN MAN CHANGE ADDENDUM PROGRAMMING NOTE APPLICATION NOTE OPT SUPP CHAPTER E MAN CHANGE OP & SERV MN OP 007 SERV NOTE SET BELOW	AUG79 JUN85 AUG85 OCT79 NOV78 SEP79 JUN85 SEP78	08505-90072 08505-90072 08505-90072 5952-9293 5952-9251 08505-90070 08505-90070 11864-90002	OCT85	08505-90073	8L	01	45	20	OPTION 005 PHASE LOCK 11864A 8501A/8505A LABLING INTERFCE KIT
8505A-1A			JUL77	WA SER BELOW 1716A00380	APR83						MOD TO INCR PWR SUPPLY RELIABILITY
8505A-2			DEC76	WA SER 1602A00111 THRU 1610A00140							MOD TO REDUCE 50 HZ LINE RELATED VARIATNS CRT TRACE
8505A-3			DEC76	WO SER BELOW 1622A00185							REC REPL OP AMP
8505A-4			DEC76	WA SER BELOW 1606A00130							IMPR OPER A3A11 GROUP DELAY CIRCUIT
8505A-5			SEP77	WA SER BELOW 1723A00396							MOD OF AIR FILTER RETAINER
8505A-6			AUG77	WN ALL SER.TRBLSHTG A3A11							GROUP DELAY DETECTOR
8505A-7			AUG77	WN ALL SER.TRBLSHTG A3A4							PROC INTERFACE BD
8505A-8			JUL77	WO SER BELOW 1716A00380							ELIM OF MARKER GLITCHES ON CRT WHEN 8505A IS USED WITH 8501A
8505A-9			JUL77	WO SER 1710A00350 & BELOW							MOD TO PREVENT ERRONEOUS DATA TAKING BY HP-IB AT DATA TURNON
8505A-10			AUG77	WN ALL SER.TRBLSHTG A3A5							PROC D/A BD
8505A-11A			DEC82	WO SER 1930A & BELOW							WITH OPT 005 PHASE LOCK.REC REPL FOR MIXER KIT, PN 08505-60240
8505A-12			AUG77	WN ALL SER.TRBLSHTG CRT CONTROL CIRC							
8505A-13			JAN82	WN ALL SER.PROG MOD TO PREVENT A							PROGING ANOMALY WHEN OPER THE 8505A WITH 9845B/C
8505A-14			NOV78	WO SER 1838A00770 & BELOW							MOD OF REAR PNL CONNS TO BE COMPATBLE WITH NEW & IMPRVD INTR- CONN & LBLNG INTERFACE CABLES.
8505A-17			SEP77	WN ALL SER.TRBLSHTG A3A17							MARKER I ASSY
8505A-18			SEP77	WN ALL SER.TRBLSHTG A3A18							MARKER II ASSY
85050A		OPER & SERV MAN MAN CHANGE	APR84 FEB85	85050-90001 85050-90001	MAY85	85050-90002	8L	01	45	01	
85050A-010		OPER & SERV MAN MAN CHANGE	APR84 FEB85	85050-90001 85050-90001	MAY85	85050-90002	8L	01	45	01	
85051A		OPER & SERV MAN MAN CHANGE	APR84 FEB85	85051-90001 85051-90001	MAY85	85051-90002	8L	01	45	01	
85052A		OPER & SERV MAN	APR84	85052-90001	MAY85	85052-90002	8L	01	45	02	

11/08/85 MODEL NUMBER	O C
8621B-010	OPE
8621B-100	OPE
86210A	PREL MAN SERV 8621
8622A	OPE
86220A	PREL OPE MAN SERV 8621 8622 8622
86220A-002	MAN OPE MAN
86220A-004	OPE MAN
86222A	PREL OPE MAN
86222A-002	OPE MAN
86222A-002/4	OPE MAN
86222A-004	OPE MAN
86222B	PREL OPE MAN
86222B-002	OPE MAN
86222B-002/4	OPE MAN
86222B-004	OPE MAN
86230A	OPE MAN

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***
85052A		MAN CHANGE	FEB85	85052-90001	MAY85	85052-90002	8L	01	45	02	
85052A-010		OPER & SERV MAN MAN CHANGE	APR84 FEB85	85052-90001 85052-90001	MAY85	85052-90002	8L	01	45	02	
85053A		OPER & SERV MAN MAN CHANGE	APR84 FEB85	85053-90001 85053-90001	MAY85	85053-90002	8L	01	45	01	
85054A		OPER & SERV MAN	APR84	85054-90001	MAY85	85054-90002	8L	01	45	01	

11/08/85 MODEL NUMBER	O C
86230A/B	SERV 8623
86230B	OPE MAN
86235A	OPE MAN

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 358
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
85132B		OPER MAN	MAY84	85132-90001	APR85	85132-90002	8L	01	45	01	
852A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	MAY68 MAY70	00852-90003 00852-90003	MAR71	00852-90004		01	45	05	
		851B-1/852A-1	MAY69	WA SER 850-00349 & DOWN.-15V POWR SUPPLY	MAY78						
		851B-2/852A-2	AUG69	WA SER 929 & DOWN.-15V POWR SUPPLY							
		852A-3	AUG69	WO ALL SER.CRT FAILURES.							
		851A/B-8/852A-4	SEP69	WN SER 809 & DOWN.AI IF GAIN SWTCH REPL							
		852A-5	FEB70	WO SER 813-00150 THRU 933-00394.MOD TO IMPROVE DIODE PROTECTION							
		852A-6	AUG72	WO CRT FLOOD GUN ACCELERATOR MOD							
		851A/B-9/852A-6	NOV76	WN ALL SER.Q1,Q2 REC REPLACEMENT							
853A		OPER & SERV MAN MAN CHANGE OPER MAN SERV NOTE SET BELOW	AUG82 NOV82 AUG82	00853-90001 00853-90001 00853-90010	JAN83	00853-90002	8L	01	53	05	
		853A-2	NOV83	WA SER 2223A.REC HIGH-VOLTG XFMR REPL KIT							
		853A-3 CONT'D	FEB83	WA SER 2223A00101 TO 2223A00276;SER 2223A00278 TO 2223A00280;SER 2223A00286 TO 2223A00406.IMPR PLUG-IN RETAINING LATCH							
		853A-4	AUG83	WO ALL SER.FRONT PAN REPL KITS							
		853A-5	AUG83	WO SER 2244A & BELOW.FIRMWARE REV TO MAKE COMPAT WITH HP 7475A PLOTTER							
		853A-6	AUG83	WO SER 2244A00685 & BELOW.CIR BD MOD WHEN REPL TRANS A8Q4							
		853A-7	AUG83	WO ALL SER.SUPPRESSION OF PWR SUPPLY OSCIL							
		853A-8	DEC83	WO ALL SER.PREF REPL FOR CAP A5C5,C14,C28,C36,C37,& C47							
		853A-9	DEC83	WN SER 2223A00265 & BELOW.REPL BROKEN HANDLE HUB GEARS & HANDLE PIVOTS							
		853A-10	APR84	WO SER 2351A & BELOW.MOD TO ELIM POSS DATA CONJ ASSY NOISE GLITCH							
		853A-11	JUN84	WO SER 2334A & BELOW.MOD TO PREV INTERM DISTOR OF CHARACTERS ON CRT							
8533A-907		ADDENDA MAN CHANGE	FEB81	08566-90006	APR81	08566-90022	8L	01	53	28	
8543A		SERV NOTE SET BELOW			JAN79						
		8543A-4-71	-	ALL SER.H27 SPECIAL BD EXCHANGE							
		8543A-5-72	-	ALL SER.SYSTEM SPECIFICATIONS							
		8543A-6	-	NOT AVAILABLE							
855B		OPER & SERV MAN	AUG66	00855-90001	AUG81	5950-1886	8L	01	21	01	
855C		OPER & SERV MAN MAN CHANGE	MAR67 JAN00	00855-90002 00855-90002	SEP81	5080-5770	8L	01	21	02	
8551A		OPER & SERV MAN	DEC67	08551-90004	JAN75	08551-90022		01	45	06	
8551A/B		SERV NOTE SET BELOW			JAN79						
		8551A/B-1	JAN66	REC REPL FOR A9A3U1							
		8551A/B-2	-	PROC FOR MEASURING 8551B SENSITIVITY							
		8551A/B-3	MAR65	WN MOD TO IMPROVE PERFORMANCE							
		8551A/B-4	FEB69	WO PREFRD REPL A13V1 & REQ MODIFICATION							
		8551B-1	JUN71	WO REC REPLACEMENT FOR R6							
		8551B-2	NOV68	WO SER 823-02211 THRU 825-02535.REC TRANSISTOR REPLACEMENT							
		8551B-3	SEP69	WO SER BELOW 933-03310.A3R1 REPLACEMENT							
		8551B-4	JUN70	WA SER 905 THRU 933.SURGE PROTECTION MODIFICATION TO A13Q4B							
		8551A-5	SEP65	MOD TO ADD FINE VERNIER TUNING							
		8551A-6A	-	MOD TO ADD PRESELECTOR DRIVE OUTPUT TO 8441A PRESELECTOR							
		8551A/B-6	APR67	CHANGING A5V1 MAY NECESSITATE CHANGING IF AMPL TUNING SLUG.							

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
86250A/B											SERV NO 86242A- 86342A 86355 86242A- 86250A/ CONT'D 86250B-
86250B											PRELIM OPER & MAN CHA MAN SUP
86250B-001											PRELIM MAN SUP
86250C											OPER & SERV NO 86250C-
86250D											OPER & MAN CHA SERV NO 86250D-
86251A											OPER & MAN CHA
86260A											OPER & MAN CHA SERV NO 86260A-
86260B											OPER & MAN CHA MAN SUP
86260C											OPER & MAN CHA MAN SUP
86290A											OPER & MAN CHA SERV NO 86290A- 86290A- 86290C- 86290A- 86290A- 86390C-
86290A-004											OPER & MAN CHA
86290A-005											OPER &

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8551A/B		8551A/B-7	OCT67	WO PREF REPL DIODES RF SECTION FOR RELIABILITY							
		8551A-8	JAN68	WO RECOMMENDED REPLACEMENT FOR R6							
		8551A/B-8	MAR69	WO MODIFICATION TO REDUCE FM							
		8551A/B-9A	AUG78	WN ALL SER.RF INPUT ATTENUATOR REPL							
		8551A/B-10	-	NOT AVAILABLE							
		8551A/B-11	-	SER BELOW 618-00510.REPL FOR A3 MIXER							
		8551A/B-12	MAR69	WO REPLACEMENT OF C7 AND C8							
		8551A/B-13A	MAR70	WN STANDBY OPERATION							
		8551A/B-14	DEC68	WO MOD TO 180MHZ OSCILLATOR STABILITY							
		8551A/B-15	DEC68	WO MOD WHEN BWO IS REPL SEE 8551A/B-8							
		8551A/B-16	APR69	WO REC REPL FOR A18CR1 & A18CR2							
		8551A/B-17	AUG69	WO REC FAN MOTOR REPLACEMENT							
		8551A/B-18	FEB71	WN REC REPL FOR A18CR1 & A18CR2							

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
86290A-005											MAN CHANG
86290B											OPER & SE OPER & SE MAN CHANG SERV NOTE 86290B-1 86290A-5 86290C-7 86290A-6 86390C-3

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8551A/B		8551A/B-7	OCT67	WO	PREF REPL DIODES RF SECTION FOR RELIABILITY						
		8551A-8	JAN68	WO	RECOMMENDED REPLACEMENT FOR R6						
		8551A/B-8	MAR69	WO	MODIFICATION TO REDUCE FM						
		8551A/B-9A	AUG78	WN	ALL SER.RF INPUT ATTENUATOR REPL						
		8551A/B-10	-		NOT AVAILABLE						
		8551A/B-11	-		SER BELOW 618-00510.REPL FOR A3 MIXER						
		8551A/B-12	MAR69	WO	REPLACEMENT OF C7 AND C8						
		8551A/B-13A	MAR70	WN	STANDBY OPERATION						
		8551A/B-14	DEC68	WO	MOD TO 180MHZ OSCILLATOR STABILITY						
		8551A/B-15	DEC68	WO	MOD WHEN BWO IS REPL SEE 8551A/B-8						
		8551A/B-16	APR69	WO	REC REPL FOR A18CR1 & A18CR2						
		8551A/B-17	AUG69	WO	REC FAN MOTOR REPLACEMENT						
		8551A/B-18	FEB71	WN	REC REPL FOR RESIST A14R1 & A14R7						
		8551A/B-19	-		NOT AVAILABLE						
		8551A-20	-		NOT AVAILABLE						
		8551A/B-20	OCT76	WN	ALL SER.REC FOR REPL FOR RELAY A16K3						
		8551A/B-21/8551A	NOV76	WN	ALL SER.8551B SER 703 & BELOW.REC MIXER/COUPLER ASSY A2 REPLACEMENT						
8551B		OPER & SERV MAN MAN CHANGE	FEB66	08551-9053	MAY80	08551-90018	8L	01	45	04	FOR SERIAL PFXES 528- THRU 550-
		OPER & SERV MAN MAN CHANGE	MAR66	08551-9053	OCT70	08551-90019		01	45	06	FOR SERIAL PFXES 613- & 622-
		OPER & SERV MAN MAN CHANGE	JUN66	08551-9055	JUL72	08551-90020		01	45	06	FOR SERIAL PFXES 625- THRU 746-01786
		OPER & SERV MAN MAN CHANGE	JUN67	08551-9058	MAY74	08551-90021		01	45	06	FOR SERIAL PFXES 746- THRU 842-
		OPER & SERV MAN MAN CHANGE	DEC67	08551-9058	OCT74	08551-90023		01	45	05	FOR SERIAL PFXES 905- & ABOVE
		OPER & SERV MAN MAN CHANGE	DEC67	08551-90008							
		OPER & SERV MAN MAN CHANGE	OCT68	08551-90008							
		OPER & SERV MAN MAN CHANGE	JAN69	08551-90014							
		OPER & SERV MAN MAN CHANGE	JUN70	08551-90014							
8551B-K10		OPER & SERV MAN	APR66	08551-90110	NOV85	08551-90024	8L	01	45	03	
8552A		OPER & SERV MAN MAN CHANGE	MAY70	08552-90023	JAN85	08552-90029	8L	01	53	04	
		CALIB & ADJ MAN	JUL82	08552-90023	DEC70	08552-90042*	8L	01	53	01	USE 8552A FICHE 08552-90029
		SERV MAN	FEB69	08552-90017	MAR78	08552-90090	8L	01	45	03	
		MAN CHANGE	APR74	08552-90011							
		OPER & SERV MAN MAN CHANGE	JUN68	08552-90006	SEP82	08552-90567	8L	01	45	01	
		OPER & SERV MAN MAN CHANGE	APR74	08552-90006	APR83	08552-90569	8L	01	53	04	
		OPER & SERV MAN MAN CHANGE	MAY70	08552-90023							
		MAN CHANGE	JUL82	08552-90023							
		SERV NOTE SET BELOW			OCT82						
		8552A-1	FEB69	WO	SER BELOW 905-00565.MOD TO ELIM TRACEFOLDBACK						
		8552A-2A	MAY71	WO	SER BELOW 1110A3294.REC REPL FOR A7Q2 & A7Q9						
		8552A-3A	FEB72	WN	SER BELOW 905.MOD FOR RED SPURIOUS SIDEBANDS						
		8552A-4A	AUG72	WN	TRACKING GEN MODIFICATION						
		8552A-5	FEB70	WO	SER BELOW 945.OPER WITH 600 OHM EARPHONES MOD						
		8552A-6	FEB71	WO	SER BELOW 991-02944.REPL FOR A6U1 & A6U2						
		8552A-7	SEP71	WO	SER BELOW 1101A03094. IMPR LOG/LN SWTCH OPERATION						
		8552A-8	-		NOT AVAILABLE						
		8552A-9	APR71	WN	SER BELOW 991-02994.MOD FOR COMPATIBILITY WITH 8556A						
		8552A-10	AUG72	WN	SER 945-01890 TO 1144A03694.TRACKING GEN RESTORED SIGNAL OPERATION						
		8552A-11	MAR74	WN	SER BELOW 1220A.STOP OF FUSE BLOWING IN IF SEC DUE TO FALSE TRIGGERING OF SCR						
		8552A-12	APR77	WO	SER BELOW 1650A.MOD TO RED FUSE BLOWING IN IF SEC WHEN SWTCH LOG/LINEAR MODE SWTCH						
		8552A-14	MAR82	WN	ALL SER.PROC FOR CONVERT LOG MODE SCALE FACTOR IN IF SECTION						

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86290A-005		MAN CHANGI	
86290B		OPER & SEI OPER & SEI MAN CHANGI SERV NOTE 86290B-1/ 86290C-2 86290A-6/1 86390C-3	
86290C		MAN SUPP OPER & SEI MAN CHANGI MAN SUPPL SERV NOTE 86290A-5/1 86290C-2 86290A-6/1 86390C-3	
8632A		OPER NOTE MAN CHANGI	
86320A		SERV NOTE 86320A-1/1 86330A-5/1 86320A-2 86320A-3 86320A-4	
86320B		OPER & SEI MAN CHANGI	
8633A		OPER NOTE	
86330A		OPER & SEI MAN CHANGI SERV NOTE 86320A-1/1 86330A-2 86330A-3/1 86330A-4/1 8700A-1 86330A-5/1 86320A-2 86330A-6/1	
86330B		OPER & SEI MAN CHANGI SERV NOTE 86330B-1/1 86330B-2 86330B-3/1	

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8552A-H01		OPER & SERV MAN MAN CHANGE	MAY70	08552-90023	APR74	08552-90029		01	45	06	
		SUPP B FOR H01/H02	FEB74	08552-90023							
		SUPP B 08552-90023	NOV70	08552-90023	JUN75	08552-90501	8L	01	53	01	
			APR75	08552-90500							
8552A-H02		OPER & SERV MAN MAN CHANGE	MAY70	08552-90023	APR74	08552-90029		01	45	06	
		SUPP B FOR H01/H02	FEB74	08552-90023							
		SUPP B 08552-90023	NOV70	08552-90023	JUN75	08552-90501	8L	01	53	01	
			APR75	08552-90500							
8552A-H04		SUPP FOR 8552A MAN	JAN00	08552-90502	JUN75	08552-90503	8L	01	53	01	
8552A/B		SERV TRAIN MAN	MAY78	08552-90536	APR83	08552-90570	8L	01	53	01	

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86330C		OPER & SEI MAN CHANGI	
86331A		OPER & SEI MAN CHANGI SERV NOTE 86330A-3/1 86330A-4/1 8700A-1 86330A-5/1 86320A-2 86330A-6/1	

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8552A-H01 OPER & SERV MAN MAN CHANGE MAY70 08552-90023 APR74 08552-90029 01 45 06
 SUPP B FOR H01/H02 FEB74 08552-90023
 SUPP B 08552-90023 NOV70 08552-90023
 APR75 08552-90500 JUN75 08552-90501 8L 01 53 01

8552A-H02 OPER & SERV MAN MAN CHANGE MAY70 08552-90023 APR74 08552-90029 01 45 06
 SUPP B FOR H01/H02 FEB74 08552-90023
 SUPP B 08552-90023 NOV70 08552-90023
 APR75 08552-90500 JUN75 08552-90501 8L 01 53 01

8552A-H04 SUPP FOR 8552A MAN JAN00 08552-90502 JUN75 08552-90503 8L 01 53 01

8552A/B SERV TRAIN MAN MAY78 08552-90536 APR83 08552-90570 8L 01 53 01

8552B OPER & SERV MAN MAN CHANGE JUN74 08552-90088 FEB83 08552-90089 8L 01 53 05
 SERV NOTE SET BELOW OCT82 08552-90088
 8552B-1 APR83
 DEC70 WN SER BELOW 977-00260.REPL FOR A5U1,A5UC,A6U1,A6U2,& A12U1
 8552B-2 MAR71 WN SER BELOW 1050A00435.MOD FOR IMPR LOG/LIN SWTCH OPER
 8552B-3 MAR71 WN SER BELOW 1050A00385.REPL FOR A7Q10 &A7Q19
 8552B-4 APR71 WN SER BELOW 977-00310.8556A COMPATIBILITY MODIFICATION
 8552B-5 SEP71 WN SER BELOW 1121A00810. ADDG STABILITY TO 3KH2 BANDWIDTH
 8552B-6 JAN72 WN SER BELOW 1107A.IMPR AMPLT STAB FOR 2DB LOG & 10 DB LOG OPER
 8552B-7 AUG72 WN SER BELOW 1209A.TRACKING GEN RESTORED SIG OPER
 8552B-8A MAR74 WN SER BELOW 1311A;SUPER 8552B-8.STOP OF FUSE BLWG IN IF SEC TO FALSE TRIGGERING OF SCR
 8552B-9 OCT74 WN SER 1437A07061 TO 1437A07210.STOP OF PWR SUPLY FAIL TO SHRT SER REGLTR Q23 & Q24
 8552B-10A JUN78 WN ALL SER.SPECTRUM ANALYZR ASSY INSTRUC
 8552B-11 DEC76 WD ALL SER.SIMPLFD CRYSL BANDWDTH FILTR ADJUSTMENT
 8552B-12 APR77 WN SER BELOW 1650A.MOD TO RED FUSE BLWG IN IF SEC WHEN SWTCH LOG/LINEAR MOD SWTCH
 8552B-13 JAN82 WN SER 1613A & BELOW.MOD A5 LOG AMPLF ASSY IMPR OPER 2DB LOG MODE
 8552B-14 DEC82 WN ALL SER.MOD TO IMPROV 10 HZ OPER

8552B-H01 OPER & SERV MAN MAN CHANGE JUN74 08552-90088 FEB83 08552-90089 8L 01 53 05
 OCT82 08552-90088

8552B-H02 OPER & SERV MAN MAN CHANGE JUN74 08552-90088 FEB83 08552-90089 8L 01 53 05
 OCT82 08552-90088

8552B-H04 OPER & SERV MAN MAN CHANGE JUN74 08552-90088 FEB83 08552-90089 8L 01 53 05
 OCT82 08552-90088

8553B OPER & SERV MAN MAN CHANGE MAY80 08553-90043 APR83 08553-90045 8L 01 53 03
 SERV NOTE SET BELOW JUN82 08553-90043
 8553B-1 OCT83
 AUG72 WN SER BELOW 1144A.MOD FOR TRACKING GEN RESTORED SIG OPER
 8553B-2 NOV75 WN ALL SER.PROG FOR INTENSITY LIMIT ADJ OF 141T DISPLAY SEC
 78553B-3 MAY82 WN SER 1937A & BELOW.MOD TO IMPR FREG RESPON BELOW 100 KHZ

8553B-H01 OPER & SERV MAN APR73 08553-90043 JUL73 08553-90045 01 45 04

8553B-H02 OPER & SERV MAN APR73 08553-90043 JUL73 08553-90045 01 45 04

8553L CALIB & ADJ MAN SERV MAN MAN CHANGE FEB69 08552-90017 DEC70 08552-90042* 01 45 02 USE 8552A FICHE 08552-90029
 APR69 08552-90011 MAR78 08552-90090 8L 01 45 03
 APR74 08552-90011

11/08/85 MODEL NUMBER O C LITERATURE TYPE

86330C OPER & SERV MAN CHANGE

86331A OPER & SERV MAN CHANGE
 SERV NOTE SI
 86330A-3/86
 86330A-4/86
 8700A-1
 86330A-5/86
 86320A-2
 86330A-6/86

86331B OPER & SERV MAN CHANGE
 SERV NOTE SI
 86330B-1/86
 86331B-2
 86330B-3/86

86331C OPER & SERV MAN CHANGE

86341A OPER & SERV

86341A/B SERV NOTE SI
 86341A-1/86
 86342A-2/86
 86341A/B-2
 86341B-3

86341B OPER & SERV MAN CHANGE

86341C OPER & SERV MAN CHANGE

86342A OPER & SERV MAN CHANGE
 SERV NOTE SI
 86242A-1/86
 86342A-1/86
 86351A-1/86
 86341A-1/86
 86342A-2/86
 86342A-3/86
 86351A-2/86
 86342A-4B

86342A-001 OPER & SERV MAN CHANGE

86342C OPER & SERV MAN CHANGE

8553L

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DESCRIPTION ***

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***	DESCRIPTION ***
8553L		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	JUN68 APR74	08552-90006 08552-90006	SEP82	08552-90567	8L	01	45	01					
		8553L-1	JAN69	WO SER BELOW 838.	APR83										
		8553L-2	MAY69	WO PROC FOR REPL OF INPUT MIXER DIODE											
		8553L-3A	NOV69	WO SER BELOW 933-01035.REC TRANS REPL											
		8553L-4A	AUG72	WN MOD FOR USE WITH TRACKING GENERATOR											
		8553L-5	FEB72	WN ALL SER.IMPR FINE TUNING CONTROL											
		8553L-6	FEB72	WN SER BELOW 841.MOD TO INCR INPUT VOLTAGE RATING											
		8553L-7	JAN76	WN ALL SER.REC REPL FOR SCAN WIDTH SWTCH ASSEMBLY											
		8553L-8A	FEB83	WN ALL SER.REPL OF SCAN SIDTH SW A2											
8554B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	SEP74 FEB82	08554-90035 08554-90035	APR83	08554-90037	8L	01	53	05					
		8554B-1	NOV75	WO ALL SER.PROC FOR INTENSITY LAMP ADJ OF 141T DISPLAY SECTION	JUL84										
		8554B-2/8554L-7	AUG76	WN SER 1245A-01700 & BELOW (8554B) & ALL SER (8554L). IMPR 500 MHZ LOCAL OSCIL											
		8554B-3A	DEC83	WO SER 2011A & BELOW.RF INPUT ATTEN REPL KIT											
		8554B-4	MAY77	WO SER BELOW 1643A.MOD TO PREVENT SPIKE AT BEGINNING OF SCAN											
		8554B-5A	DEC83	WN ALL SER.REC MOD TO INSTALL OPT 003, INTERNAL RF INPUT LIMITER											
		8554B-7A	JAN84	WN SER 1245A & BELOW.PREF REPL 500MHZ OSC BD AS A KIT											
		8554B-8A	DEC83	WO SER 2111A & BELOW.PRECATN CHANGE 77 YIG OSCIL ASSY											
		8554B-9	DEC83	WO SER 2111A & BELOW.PREF REPL OF ATTEN AT1											
		8554B-10	DEC83	WO SER 2111A & BELOW.PREF REPL OF ATTEN A7AT1											
		8554B-11	FEB84	WN 2111A06190 & BELOW.TRANST PROT A9A2Q1											
8554L		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	FEB72 MAY73	08554-90021 08554-90021	NOV84	08554-90023	8L	01	45	04					
		8554L-1	JUL69	WA SER BELOW 823-00150.MOD TO IMPR FINE- TUNE CONTROL STABALITY	JUL84										
		8554L-2A	AUG69	WA SER BELOW 823-00170.MOD FOR IMPR TUNING STAB OPERATION											
		8554L-3	NOV69	WA SER BELOW 925-.MOD FOR IMPR SEC LOCAL OSCIL OPERATION											
		8554L-4	MAY70	WO SER BELOW 950.MOD TO IMPR FINE TUNE CONTROL RESOLUTION											
		8554L-5	FEB71	WO SER BELOW 1101A01335.REPL FOR A4U1,A5U1 & A6U1											
		8554L-6	JUL71	WN SER BELOW 1101A.MOD TO PROVIDE FRT PANEL FRST & SEC LO OUTPUTS											
		8554B-2/8554L-7	AUG76	WN ALL 8554L SER.IMPR 500 MHZ LOC OSCIL											
		8554B-3A	JUL80	WO ALL SER.RF INPUT ATTEN REPL KIT											
		8554L-8A	JAN84	WA ALL SER.PREF REPL 500MHZ OCS BD AS A KIT											
		8554L-9	DEC83	WO ALL SER.PREF REPL OF ATTEN AT1											
		8554L-10	DEC83	WO ALL SER.PREF REPL OF ATTEN A7AT1											
		8554L-11	DEC83	WO ALL SER.PREF RF INPUT ATTEN REPL KIT											
		CONT'D		SUPERSEDES 8554B-3A											
8555A		OPER & SERV MAN MAN CHANGE SERV TRAIN MAN SERV NOTE SET BELOW	AUG74 MAY82 JAN76	08555-90027 08555-90027 08555-90055	APR83	08555-90028	8L	01	53	05					
		8555A-1	APR73	WO SER 1232A & BELOW.CIR WIR MOD FOR PROPER OPER OF OPTION 003 PRESELECTOR	OCT85										
		8555A-2A	OCT83	WN ALL SER PRECAUTIONS ON REPL INPT MIXER ASSEMBLY											
		8555A-3	OCT74	WO SER 1434A04235 & BELOW.IMPR 500 MHZ LOCAL OSCILLATOR											
		8555A-4	MAR75	WO SER 1436A04335 & BELOW.ZERO DB LOCKOUT MOD & INPT ATTENUATOR											
		8555A-5	NOV75	WO ALL SER.PROC FOR INTENSITY LAMP ADJ OF 141T DISPLAY SECTION											
		8555A-6C	JAN85	WO ALL SER.PRECATN ON CHNG A3 YIG OSCIL ASSEMBLY											
		8555A-7	MAY77	WO SER 1642A & BELOW.MOD TO PREV SPIKE AT BEG OF SCAN											
		8555A-8A	OCT82	WN ALL SER.REC TOOLS FOR SERV THE INTERCONNECT CONNECTORS A1J6 & P6 (8551A A1 FRONT PNL											

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8554L-10
8554L-11
CONT'D

DEC83 WO ALL SER.PREF REPL OF ATTN A7A11
DEC83 WO ALL SER.PREF RF INPUT ATTN REPL KIT
SUPERSEDES 8554B-3A

8555A	OPER & SERV MAN	AUG74 08555-90027	APR83 08555-90028	8L 01 53 05
	MAN CHANGE	MAY82 08555-90027		
	SERV TRAIN MAN	JAN76 08555-90055	APR83 08555-90065	8L 01 53 02
	SERV NOTE SET BELOW	OCT85		
8555A-1		APR73 WO SER 1232A & BELOW.CIR WIR MOD FOR PROPER OPER OF OPTION 003 PRESELECTOR		
8555A-2A		OCT83 WN ALL SER.PRECAUTIONS ON REPL INPT MIXER ASSEMBLY		
8555A-3		OCT74 WO SER 1434A04235 & BELOW.IMPR 500 MHZ LOCAL OSCILLATOR		
8555A-4		MAR75 WO SER 1436A04335 & BELOW.ZERO DB LOCKOUT MOD & INPT ATTENUATOR		
8555A-5		NOV75 WO ALL SER.PROC FOR INTENSITY LAMP ADJ OF 141T DISPLAY SECTION		
8555A-6C		JAN85 WO ALL SER.PRECATN ON CHNG A3 YIG OSCIL ASSEMBLY		
8555A-7		MAY77 WO SER 1642A & BELOW.MOD TO PREV SPIKE AT BEG OF SCAN		
8555A-8A		OCT82 WN ALL SER.REC TOOLS FOR SERV THE INTERCONNECT CONNECTORS A1J6 & P6 (8551A A1 FRONT PNL		

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DESCRIPTION ***

MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	DESCRIPTION ***	DESCRIPTION ***
8555A		CONTD									ASSY TO RF SECTION BODY)	
		8555A-11	APR81	WN	ALL SER.REV PERF TEST FOR 8555A FREQ RESPONSE							
		8555A-12A	JUL81	WN	ALL SER.FREQ RESP ADJ AFTER REPL INPUT MIXER ASSY PN 08555-60072							
		8555A-14	OCT80	WO	ALL SER. INSTRUCT ON REPL OF COARSE & FINE TUNE SHAFTS							
		8555A-15A	JAN84	WA	ALL SER.PREF REPL 500MHZ OCS BD AS A KIT							
		8555A-18	FEB84	WN	SER 2111A11690 & BELOW.TRANST PROT OF A2A2Q1							
		8555A-20	DEC83	WO	SER 2209A & BELOW.PREF REPL OF ATTN A3A11							
		8555A-21	JAN83	WO	ALL SER.INST IMPR BAND SWTCH LEVER ASSY							
8556A		OPER & SERV MAN	JUL71		08556-90004	MAY83	08556-90006	8L 01 53 03				
		MAN CHANGE	NOV81		08556-90004							
		SUP FOR 08556-90004	DEC71		08556-90012	MAY83	08556-90052	8L 01 53 01				
		MAN CHANGE	FEB79		08556-90012							
		SERV NOTE SET BELOW				APR84						
		8556A-1	NOV71	WO	SER 1104A & BELOW.IMPR ZERO ADJ RANGE							
		8556A-2	DEC71	WO	SER 1124A & BELOW.PREF REPL FOR A8Q1							
		8556A-3	JAN74	WN	SER 1250A & BELOW.PREF REPL FOR A5C5 (A5 PRE-ATTEN/PREAMP BD)							
		8556A-4	NOV83	WO	SER 2148A05265 & BELOW.PWR SUPPLY MOD A10Q1,A10Q2,& A10R1							
		8556A-5	NOV83	WO	SER 2148A05285 & BELOW.REC A8 GERMANIUM DIODE REPL							
8556A-001		SUPP 08556-90004	DEC71		08556-90012	JAN85	08556-90035	8L 01 53 01				
		MAN CHANGE	FEB79		08556-90012							
		SUP FOR 08556-90004	DEC71		08556-90012	MAY83	08556-90052	8L 01 53 01				
		MAN CHANGE	FEB79		08556-90012							
8556A-002		SUPP 08556-90004	DEC71		08556-90012	JAN85	08556-90035	8L 01 53 01				
		MAN CHANGE	FEB79		08556-90012							
		SUP FOR 08556-90004	DEC71		08556-90012	MAY83	08556-90052	8L 01 53 01				
		MAN CHANGE	FEB79		08556-90012							
8557A		OPER & SERV MAN	MAY75		08557-90010	JUL75	08557-90011*	8L 01 45 05	USE 8557A FICHE 08557-90028			
		OPER & SERV MAN	JAN82		08557-90027	MAY83	08557-90028	8L 01 53 06				
		MAN CHANGE	JUL82		08557-90027							
		SERV NOTE SET BELOW				OCT85						
		8557A-1B	JUN78	WN	SER 1652A & BELOW.MOD FOR USE WITH 8750A STORAGE NORMALIZER							
		8557A-2	AUG80	WO	ALL SER.REC REPL FOR TRANSISTORS A4Q9,13,14,16, OR A12Q13,15,18,20							
		8557A-3	FEB82	WN	SER 2025A01220 & BELOW;IMPR FILTR IN ZERO SPAN MODE							
		8557A-4	AUG82	WN	SER 2106A & BELOW.MOD KIT P/N 00853-60057 FOR 8555A COMPAT WITH 853A SPECTRM ANALYER							
		8557A-5	OCT82	WN	SER 2106A & BELOW.IMPROV LOG AMPLF ASSY							
		8557A-6	OCT82	WN	SER 2106A & BELOW.FRONT LATCH ASSY PARTS LIST							
		8557A-7	DEC82	WO	SER 2203A01816 & ABOVE.INSTRU ON HOW TO FIX COARSE TUNE SHAFT FRICTION DRAG							
		8557A-8A	JAN85	WN	SER 2106A & BELOW.FRT PAN RETROFIT KIT							
		8557A-9	MAR83	WN	SER 2229A.REC BANDWDTH FILTR ASSY A8/A10 REPL KIT							
		8557A-10	MAR83	WA	SER 2203A01756 TO 2229A02131.PREF REPL FOR DPM BRACKETS							
		8557A-11	DEC83	WN	SER 2203A & ABOVE.PROC FOR SELECT RESISTOR A1A1R2							
		8557A-12	APR84	WN	ALL SER.REC TIGHTN TORQUE CIR ENCLOSURE SCREWS							
		8557A-13	JAN85	WO	SER 2229A & BELOW.REC FIRST LO & FREQ CNTRL ASSY REPL KIT							
		8557A-14	JAN85	WO	SER 2229A02805 & BELOW.VIDEO FILTER POTENTIOMETER REPL							
8557A-001		MAN SUPP	JUL75		08557-90015	SEP75	08557-90017*	8L 01 45 01	USE 8557A-001 FICHE 08557-90028			
		OPER & SERV MAN	JAN82		08557-90027	MAY83	08557-90028	8L 01 53 06				
		MAN CHANGE	JUL82		08557-90027							
8557A-002		MAN SUPP	JUL75		08557-90015	SEP75	08557-90017*	8L 01 45 01	USE 8557A-001 FICHE 08557-90028			
		OPER & SERV MAN	JAN82		08557-90027	MAY83	08557-90028	8L 01 53 06				

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& BELOW
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1410-90041

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OR
17-90041

8557A-8A
8557A-9
8557A-10
8557A-11
8557A-12
8557A-13
8557A-14

8557A-001
MAN SUPP
OPER & SERV MAN
MAN CHANGE

8557A-002
MAN SUPP
OPER & SERV MAN

JAN85 WN SER 2106A & BELOW.FRT PAN RETROFIT KIT
MAR83 WN SER 2229A.REC BANDWDTH FILTR ASSY A8/A10 REPL KIT
MAR83 WA SER 2203A01756 TO 2229A02131.PREF REPL FOR DPM BRACKETS
DEC83 WN SER 2203A & ABOVE.PROC FOR SELECT RESISTOR A1A1R2
APR84 WN ALL SER.REC TIGHTN TORQUE CIR ENCLOSURE SCREWS
JAN85 WO SER 2229A & BELOW.REC FIRST LO & FREQ CNTRL ASSY REPL KIT
JAN85 WO SER 2229A02805 & BELOW.VIDEO FILTER POTENTIOMETER REPL

JUL75 08557-90015 SEP75 08557-90017* 8L 01 45 01 USE 8557A-001 FICHE 08557-90028
JAN82 08557-90027 MAY83 08557-90028 8L 01 53 06
JUL82 08557-90027

JUL75 08557-90015 SEP75 08557-90017* 8L 01 45 01 USE 8557A-001 FICHE 08557-90028
JAN82 08557-90027 MAY83 08557-90028 8L 01 53 06

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DESCRIPTION ***
& ABOVE
DEL 8620C OR 8620A
D TO MINIMIZE SIZE
CS OF RF SIGNAL
CONTROL

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MODEL
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8557A-002

MAN CHANGE

JUL82 08557-90027

MAY83 08557-90028 8L 01 53 06

8558B

OPER & SERV MAN
OPER & SERV MAN
OPER & SERV MAN
MAN CHANGE
SERV TRAIN MAN
SERV NOTE SET BELOW
8558B-1A
8558B-2B
8558B-3
8558B-4
8558B-5
8558B-6B
8558B-7
8558B-8
8558B-9A
8558B-10
8558B-11B
8558B-12A
8558B-13A
8558B-14A
8558B-15
8558B-16A
8558B-17
8558B-18
8558B-20
8558B-21
8558B-22
8558B-23
8558B-24
8558B-25
8558B-26
8558B-27A
8558B-28
8558B-29
8558B-30
8558B-31
8558B-32
8558B-33

APR73 08558-90006 APR74 08558-90007* 01 45 03 USE 8558B FICHE 08558-90044
OCT77 08558-90043 MAY83 08558-90044 8L 01 53 05
NOV81 08558-90076 JUL83 08558-90077 8L 01 53 06
DEC82 08558-90076
APR76 08558-90049 JUL83 08558-90083 8L 01 53 01
OCT85
FEB81 WO ALL SER.INSTRUCT FOR REPL A11 & A13 BANDWIDTH FILTER BDS
APR81 WO SER 1612A & BELOW.R1/R2 FREQ TUNE OPER TESTS
FEB74 WO SER BELOW 1334A.PREV OF SINGLE SWP TRIG BY ERASE FUNCTION
FEB74 WO SER BELOW 1334A.NEW FRT PANEL LTCH HOUSING
- NOT AVAILABLE
APR81 WN SER 1829A & BELOW.MOD KIT P/N 08558-60099 FOR REPL OF OBS DIGITAL PNL METERS
APR75 WA SER BELOW 1504A.MOD TO PREV 8558B REF LEVEL FINE CONTRL DAMAGE
APR75 WO SER BELOW 1508A.INCRD HORIZONTAL GAIN FOR IMPR MAINFRAME COMPATIBILITY
FEB81 WN ALL SER.INTEN CONTRL OF HP 8558B SPECTRM ANALYZER & 180-SER OSCIL WITH EXT HORIZ INP
OCT75 WO SER BELOW 1420A.A7 FREQ BOARD COMPAT WITH DOT MATRIX LED & 7 SEGMENT LED DIG PANL METR
JUN78 WN SER 1652A & BELOW.MOD FOR USE WITH 8750A STORAGE NORMALIZER
APR81 WN SER 1829A & BELOW.RF INPUT LIMITER MOD
FEB79 WN SER BELOW 1612A.TWO-POT GEAR TUNG MOD
APR81 WO SER 1707A03361 TO 1738A04160.SHORT CIRC PREV FOR THIRD CONV TRANS A902
APR78 WN ALL SER.REC NEW ATTEN MTG BRACKET
SEP82 WN ALL SER.CHNG STAND 8558B INTO 75 OHM OPT 001 OR 002
JUL81 WN SER 1707A03360 & BELOW.MOD TO PREVENT A14 LOG BD OSC
AUG78 WA SER 1823A04286 TO 1823A04360.REC REPL OF W9 RIBBON CABLE PC CONNS.
AUG80 WO ALL SER.REC REPL FOR TRANSISTORS A7Q9,11, & A12Q10,11
MAR82 WN SER 1914A TO 2147A.PREF REPL FOR A11/A13 BANDWIDTH FILTER BD
MAR82 WN SER 2118A & BELOW.REC REPL FOR THIRD CONV ASSY A9
AUG82 WN SER 2145A & BELOW.MOD KIT P/N 00853-60058 FOR 8558B COMPAT WITH 853A SPECTRUM ANALYE
OCT82 WN SER 2142A & BELOW.IMPROV LOG AMPLF ASSY
OCT82 WN SER 2145A & BELOW.FRONT LATCH ASSY PARTS LIST
JAN83 WO SER 2147A08081 & ABOVE.INSTRU ON HOW TO FIX COARSE TUNE SHAFT FRICTION DRAG
APR84 WN SER 2145A & BELOW.FRONT PAN RETROFIT KIT
MAR83 WO ALL SER.PREF REPL FOR TRANS A17Q1 + A17Q2
MAR83 WO SER 1914A THRU 2245A.PREF REPL FOR BANDWDTH FILTER COVER #1 OR #2
AUG83 WA SER 2245A09060 & BELOW.PREF REPL OF A75Q17 & IMPR ADJ RGNE OF A14 LIN GAIN POT
AUG83 WO SER 2245A & BELOW.MOD TO PREV FREQ SHFT DUE TO RESOLUTION BANDWDTH SWCH
APR84 WN ALL SER.REC TIGHTN TORQUE CIR ENCLOSURE SCREWS
JAN85 WO SER 2426A10965 & BELOW.VIDEO FILTER POTENTIOMETER REPL

8559A

OPER & SERV MAN
MAN CHANGE
SERV NOTE SET BELOW
8559A-1
8559A-2
8559A-3
8559A-4
8559A-5
8559A-6
8559A-7
8559A-8
8559A-9
8559A-10
8559A-11

AUG79 08559-90001 JUL83 08559-90018 8L 01 53 06
APR83 08559-90001
OCT85
MAR81 WN SER 1909A & BELOW.SECOND CONV INPUT COUPLING LOOP REPL
FEB81 WN SER 1942A & BELOW.PREF REPL PARTS FOR A10 THIRD CONVERTER
FEB81 WO SER 1951A & BELOW.MOD TO PREVENT INTERMITTENT DPM BLANKING
FEB81 WO SER 2019A00500 & BELOW.MOD TO PREVENT A7 FREQ CONTROL BD OSC
MAR81 WO SER 2019A00720 & BELOW.REC TRANSISTOR REPL (A14Q25) TO PREVENT A14 LOG AMP BD OSC
FEB81 WN SER 2019A00720 & BELOW.REC REPL ATTEN BRACKETS
FEB81 WO SER 2019A00820 & BELOW.REC CAP ADD TO PREVENT A7 FREQ CONTROL BD OSC
APR81 WO SER 2109A01000 & BELOW.MOD TO IMPR A1A2 DPM DRIVER BD REL
APR81 WO SER 2019A01000 & BELOW.MOD TO IMPR CAL OUTPUT PWR LEVEL STABILITY
AUG81 WA SER 2019A01259 & BELOW.MOD TO ELIMINAT NOISE SIDEBANDS IN 100KHZ RESOLUTION BNDWIDTH
AUG82 WN SER 2208A & BELOW.MOD KIT P/N 08553-60059 FOR 8559A COPMAT WITH 853A SPECTRM ANALYZE

& BELOW
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& ABOVE

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MODEL
NUMBER

MAN CHANGE
SERV NOTE SET BELOW
8559A-1
8559A-2
8559A-3
8559A-4
8559A-5
8559A-6
8559A-7
8559A-8
8559A-9
8559A-10
8559A-11

APR83 08559-90001
OCT85
MAR81 WN SER 1909A & BELOW.SECOND CONV INPUT COUPLING LOOP REPL
FEB81 WN SER 1942A & BELOW.PREF REPL PARTS FOR A10 THIRD CONVERTER
FEB81 WO SER 1951A & BELOW.MOD TO PREVENT INTERMITTENT DPM BLANKING
FEB81 WO SER 2019A00500 & BELOW.MOD TO PREVENT A7 FREQ CONTROL BD OSC
MAR81 WO SER 2019A00720 & BELOW.REC TRANSISTOR REPL (A14Q25) TO PREVENT A14 LOG AMP BD OSC
FEB81 WN SER 2019A00720 & BELOW.REC REPL ATTEN BRACKETS
FEB81 WO SER 2019A00820 & BELOW.REC CAP ADD TO PREVENT A7 FREQ CONTROL BD OSC
APR81 WO SER 2109A01000 & BELOW.MOD TO IMPR A1A2 DPM DRIVER BD REL
APR81 WO SER 2019A01000 & BELOW.MOD TO IMPR CAL OUTPUT PWR LEVEL STABILITY
AUG81 WA SER 2019A01259 & BELOW.MOD TO ELIMINAT NOISE SIDEBANDS IN 100KHZ RESOLUTION BNDWIDTH
AUG82 WN SER 2208A & BELOW.MOD KIT P/N 08553-60059 FOR 8559A COPMAT WITH 853A SPECTRM ANALYZE

8640B-

8640B-

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DESCRIPTION ***

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8559A

8559A-12
8559A-13
8559A-14
8559A-15
8559A-16
8559A-17
8559A-18
8559A-19
8559A-20
8559A-21
8559A-22
8559A-23
8559A-24
8559A-25
8559A-26
8559A-27A
CONT'D
8559A-28

FEB82 WO SER 2208A & BELOW."ANTI-CRUSH"DRIVE HUB & REF LEVEL KNOB
OCT82 WN SER 2208A & BELOW.IMPR LOG AMP ASSY
MAR83 WO ALL SER. PREF REPL FOR TRANS ASA1Q1
OCT82 WN SER 2208A & BELOW.FRONT LATCH ASSY PARTS LIST
JAN83 WN SER 2213A.MOD TEST PROC INSTRUC TO PREVENT POSS DAMAGE BY SECOND CONVERTER
DEC82 WO SER 2218A & ABOVE.FRONT LATCH ASSY PARTS LIST
MAR83 WN SER 2240A & ABOVE.PREF REPL FOR RIBBON CONN A16J5
JAN83 WN ALL SER.PREF REPL FOR SECOND CONN COVER BD
MAR83 WN ALL SER.ELECTROSTATIC PROT OF INPUT CIR
AUG83 WN SER 2340A02565 & BELOW.PREV OD SHRT CIR IN RIBBON CABLE A2W1
AUG83 WO SER 2320A03015 & BELOW.PREF REPL FOR A5C1,A5C2,A5C5, & A5C6
DEC83 WO SER 2320A02910 & BELOW.MOD TO PREV HIGH FREQ LOCKUP OF ASA1
DEC83 WO ALL SER.REPL RESIST IN -12 REGLTR OF FREQ CNTRL ASSY A7
DEC83 WO SER 2240A02311 & ABOVE.MOD TO IMPR PERF USING MIXER CABLE ASSY
APR84 WN ALL SER.REC TIGHTN TORQUE CIR ENCLOSURE SCREWS
JUN84 WA SER 2320A03301 TO 2320A03315;2320A03376 TO 2320A03390.MOD TO PREV BREAK OF ELAPSED
TIME INDICATOR
JAN85 WO SER 2347A04500 & BELOW.VIDEO FILTER POTENTIOMETER REPL

8565A

OPER & SERV MAN
MAN CHANGE
APPLICATION NOTE
SERV NOTE SET BELOW
8565A-1
8565A-2AS
8750A-2/8565A-3
8565A-4
8565A-5B
8565A-6A
8565A-7
8565A-8
CONTD
8565A-9A
8565A-10
8569B-8
8565A-11
8565A-12
8565A-15
8565A-16B
8565A-17
8565A-18
8565A-19
8565A-21

AUG77 08565-90014
JAN84 08565-90014
APR77 5952-9245
MAY84 08565-90015 8L 01 53 10
OCT85
DEC77 WN ALL SER.MOD 8565A TO OPT 400 (50-400 HZ MAINS OP)
APR78 WN SAFETY.O/S MAN CHANGE TO ELIM POT SHOCK HAZARD
OCT78 WA IMPROV OF 8750A HORIZ GAIN CONTROL RANGE WHEN USED WITH THE 8565A SPEC ANALY.
NOV78 WO SER 1849A & BELOW.REC PARTS FOR OVERSIZED AT1 ISOLATOR.
AUG80 WO ALL SER.YTO REPL KIT, HP 08565-60161
JUL80 WO SER 1937A & BELOW.REC BANDWIDTH FILTER REPL KIT
JUN81 WN SER 2027A & BELOW.REC THIRD CONV ASSY REPL KIT
AUG80 WO OPT 100:SER 1905A & BELOW.INSTRUCT FOR MOD NEWLY INSTALL STEP GAIN AMP ASSY TO MAKE
IT COMPAT WITH OLDER INSTRUMENTS
AUG83 WO SER 2220A & BELOW.PREF REPL OF ROM A39U6
APR81 WO ALL SER.IMPR FREQ RESP PERF TEST
JUL84 WN ALL SER.FRT PAN CNTRL SWTCH BY ASSY
JUN81 WN ALL SER.LOC OF INPUT FUSE TO THE 30V PWR SUPPLY
JUL81 WA ALL SER.IMPR LOG AMP ASSY
AUG81 WN SER 2107A01945 & BELOW.IMPR THIRD CONVERTER OPER
OCT83 WN ALL SER.LOG AMP ADJ
FEB84 WO SER 2210A & BELOW.MOD REDUC 40KHZ SIDEBANDS
FEB84 WO ALL SER.PREC REPL A32 YTF ASSY
JUN84 WO ALL SER. REC REPL RF-IF MOTHERBD ASSY
FEB85 WO ALL SER.A16 SWEEP GEN BD REPL

85650A

OPER & SERV MAN
MAN CHANGE
SERV NOTE SET BELOW
85650A-1
85650A-2
85650A-3
85650A-5

MAY81 85650-90001
SEP83 85650-90001
APR84 85650-90011 8L 01 53 03
JUL84
AUG81 WN ALL SER.PREV SPECTRUM ANAL ATTN DAMAGE WHEN PERF CONDUCTED EMI MEASUREMENTS
AUG81 WO ALL SER.APPAR OUT-OF-SPEC PERF AT LOW PULSE REPETITION FREQ
OCT82 WN ALL SER.CORRECT AC MAINS FUSES
FEB84 WA SER 2043A00189 & BELOW.IMPR PERF WHEN USING LONG HP-IB CABLES

8566A

OPER & SERV MAN
OPER INFO
OPERATION

SEP79 08566-90006
SEP79 08566-90005
NOV78 08566-90002
APR81 08566-90022 8L 01 53 28 VOLTS 1,2,3, & 4

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8640B-C

8640M

8642A

8642A/E

8642B

865B

8651A

8654A

8654B

8655A

8656A

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85650A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 85650A-1 85650A-2 85650A-3 85650A-5	MAY81 85650-90001 SEP83 85650-90001	APR84 85650-90011 8L 01 53 03 JUL84		8656A
8566A	OPER & SERV MAN OPER INFO OPERATION	SEP79 08566-90006 SEP79 08566-90005 NOV78 08566-90002	APR81 08566-90022 8L 01 53 28 VOLS 1,2,3,& 4		

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***												
8566A		REMOTE OPERATION ADDENDA MAN CHANGE MAN CHANGE SERV NOTE SET BELOW 8566A-1A 8566A-5 8566A-6 8566A-7A 8566A-8 8566A-15 8566A-16 8566A-17 8566A-18 8566A-19 8566A-21 8566A-20	JUN79 FEB81 JAN81	08566-90003 08566-90006 08566-90006	APR81	08566-90022	8L	01	53	28		8656A
8566A-400		OPER & SERV MAN OPER INFO OPERATION REMOTE OPERATION ADDENDA MAN CHANGE MAN CHANGE	SEP79 SEP79 NOV78 JUN79 FEB81 JAN81	08566-90006 08566-90005 08566-90002 08566-90003 08566-90006 08566-90006	APR81	08566-90022	8L	01	53	28	VOLS 1,2,3,& 4	8656B
8566A-907		OPER & SERV MAN OPER INFO OPERATION REMOTE OPERATION ADDENDA MAN CHANGE MAN CHANGE	SEP79 SEP79 NOV78 JUN79 FEB81 JAN81	08566-90006 08566-90005 08566-90002 08566-90003 08566-90006 08566-90006	APR81	08566-90022	8L	01	53	28	VOLS 1,2,3,& 4	8660A
8566A-908		OPER & SERV MAN OPER INFO OPERATION REMOTE OPERATION ADDENDA MAN CHANGE MAN CHANGE	SEP79 SEP79 NOV79 JUN79 FEB81 JAN81	08566-90006 08566-90005 08566-90002 08566-90003 08566-90006 08566-90006	APR81	08566-90022	8L	01	53	28	VOLS 1,2,3,& 4	
8566A-909		OPER & SERV MAN OPER INFO OPERATION REMOTE OPERATION ADDENDA MAN CHANGE MAN CHANGE	SEP79 SEP79 NOV79 JUN79 FEB81 JAN81	08566-90006 08566-90005 08566-90002 08566-90003 08566-90006 08566-90006	APR81	08566-90022	8L	01	53	28	VOLS 1,2,3,& 4	
8566A-910		OPER & SERV MAN OPER INFO OPERATION REMOTE OPERATION ADDENDA MAN CHANGE MAN CHANGE	SEP79 SEP79 NOV79 JUN79 FEB81 JAN81	08566-90006 08566-90005 08566-90002 08566-90003 08566-90006 08566-90006	APR81	08566-90022	8L	01	53	28	VOLS 1,2,3,& 4	
8566B		SERV MAN SERV NOTE SET BELOW 8566B-1	SEP84 MAY85	08566-90051 WN SER 2503A & BELOW	MAY85 OCT85	08566-90052	8L	01	53	03		

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8566B		8566B-2	MAY85	WN SER 2514A & ABOVE	RACK MNTG WITH SLIDES (OPT 010) ENGLISH SYSTEM II CABINET PARTS							

8566A-910	OPER & SERV MAN OPER INFO OPERATION REMOTE OPERATION ADDENDA MAN CHANGE MAN CHANGE	SEP79 08566-90006 SEP79 08566-90005 NOV79 08566-90002 JUN79 08566-90003 FEB81 08566-90006 JAN81 08566-90006	APR81 08566-90022 8L 01 53 28 VOLS 1,2,3,& 4
8566B	SERV MAN SERV NOTE SET BELOW 8566B-1	SEP84 08566-90051 MAY85 08566-90052 8L 01 53 03 OCT85	MAY85 WN SER 2503A & BELOW.RACK MNTG WITH SLIDES (OPT 010)ENGLISH SYSTEM II CABINET PARTS

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8566B		8566B-2	MAY85	WN SER 2516A & ABOVE.RACK MNTG WITH SLIDES(OPT 010)METRIC SYSTEM II CABINET PARTS										
8568A		OPER & SERV MAN SERV NOTE SET BELOW 8568A-1 8568A-2 8568A-3 8568A-4 8568A-5 8568A-6A 8568A-7A 8568A-8A 8568A-9 8568A-10 8568A-11A-S 8568A-12 8568A-13 8568A-14 8568A-15 8568A-16-S 8568A-17 8568A-18 8568A-19 8568A-20A 8568A-21 8568A-22 8568A-23 8568A-24 8568A-25 8568A-26A 8568A-27 8568A-28 CONT'D 8568A-29 8568A-30 8568A-31 8568A-32A 8568A-33 8568A-34 8568A-35 8568A-37 8568A-39 8568A-40 CONT'D 8568A-41 8568A-42 8568A-43 8568A-44 8568A-45	JUN78	08568-90012	SEP78	08568-90014	8L 01 45 21	INCL 08568-90002/-90003/-90005/-90011 OCT84	MAY78 WO ALL SER.REC NEW RF & IF-DISPLAY INTERCONNECT CABLES OCT78 WO SER 1806A THRU 1818A.MOS COUNTER IC DATE CODES WITH KNOWN DEF DEVICES. AUG78 WN ALL SER.PROC TO CORRECT DELAY FOLLOWING INSTR PRESET. AUG78 WN SER 1805A & BELOW.REC MOD TO IMPROVE 10 HZ BANDWIDTH NOISE FLOOR. OCT78 WN ALL SER.LYST OF OP & SERV DOC AVAIL. DEC78 WN ALL SER.USER INFO AVAIL TO IMPR PERF. APR79 WO SER 1837A00360 & BELOW.REC MOD TO REDUCE RESIDUAL RESPONSES FEB80 WN ALL SER.REC NEW SWEEP TIME ACCURACY PERF TEST JAN79 WO ALL SER.REPL OF A28 BATTERY PACK. JAN79 WN SER 1837A & BELOW.REC USE OF A14 SIGNATURE ANALY DIAG FOR TRBLESHTNG APR80 WN ALL SER.REC FUSE REFL. JAN79 WO IF-DISPLAY SECTS SER 1811A & BELOW.REC MOD TO A1V1 CRT/A1A2 Z AXIS AMP COMPATIBILITY JAN79 WO SER 1828A & BELOW.REC MOD TO IMPR PERF JAN79 WO SER 1852A & BELOW.REC MOD TO IMPR A12 RF SECT INTERFACE/ASK1 INPUT RELAY COMPATIBLTY JAN79 WO SER 1839A & BELOW.MOD TO IMPR PERF IN 50 TO 300 MHZ RANGE FEB79 WA SAFETY.SER 1833A & BELOW.ELIM OF POT SAFETY HAZARD FEB79 WN ALL SER.75 OHM OPT (OPT 001) A14 MEMORY ASSY REC MOD APR79 WO ALL SER.IMPROVED A23FL1 LOW PASS FILTER ASSY. FEB80 WO SER 1903A & BELOW.IMPROVEMENT FOR LINE RELATED SIDEBANDS APR80 WN IF SECT SER 1928A & BELOW.MOD TO DECREASE MAG SUSC OF DISLAY FEB80 WO IF SECT SER 1918A & BELOW;RF SECT SER 1912A & BELOW.MOD TO IMPROVE 40-80 KHZ RESIDLS MAR80 WO RF SECT SER 1921A & BELOW.PREF REPL FOR IC A17U2 MAR80 WN IF SECT SER 1922A & ABOVE.NOTIF OF NEW A3A6 SYST ROM SIGNAT ANALYSIS TO IMPROVE PERF MAR80 WN CRT RFI SHIELD CLEANING MAR80 WO USING THE 8444A TRACKING GEN WITH THE 8568A SPECTRUM ANALYZER DEC80 WO ALL RF SECT SER.INSTRUCT FOR CORRECTING INTERMITTENT DIG OPER MAR80 WO IF SECT SER 2003A & ABOVE.MOD TO REDUCE NOISE FLOOR MAR80 WN IF SECT SER 2005A & BELOW;RF SECT SER 1921A & BELOW.MOD TO IMPROVE 3 MHZ RESOLUTION BANDWIDTH APR80 WO RF SECT SER 1943A & 1948A.MOD TO IMPROVE THIRD ORDER INTERMODULATION PERF APR80 WO IF SECT SER 2003A & BELOW.MOD TO IMPROVE THIRD ORDER INTERMODULATION PERF APR80 WO RF SECT SER 1943A & BELOW.REC COMP CHANGES TO PREVENT SIG LEVEL FLUCTUATIONS MAY80 WN ALL SER.ADJ PROC TO IMPROVE AMP DRIFT VS TEMP MAY80 WA ALL SER.PROC FOR ADJ HI VOLTAGE MAY80 WO ALL SER.PROC TO SELECT A13C22 CAP WHENEVER IC A13U13 IS CHANGED MAY80 WN ALL SER.REC REPL FOR ROMS A3A5 & A3A6 AUG80 WN ALL SER.PROC FOR REPL OF CALIBRATION ROM WHEN REPLACING RF ATTEN MAY81 WN ALL SER.FIELD INSTALL PROC OF OPT 650 ,QUASI-PEAK ADAPTOR KIT APR81 WA IF-DISPLAY SECT 1745A & BELOW.MOD TO PREVENT OSC WHEN USED WITH 85650A QUASI-PEAK ADAPTER AUG81 WN ALL SER.PREV ATTEN DAMAGE WHEN PERF CONDUCTED EMI MEASUREMENTS OCT81 WO IF-DISPLAY SER 2106A & BELOW.MOD TO IMPROVE FREQ ZERO ADJ MAR83 WO SER 2318 & BELOW.PREF REPL OF 18.4 OSCIL CRYSTAL MAY84 WN ALL SER.MOD INSTRU RETROFIT 8568A TO 8568B FEB84 WN SER 2349A & BELOW.REPL A4A1D VIDEO MOTHERBD					
8568B		SERV NOTE SET BELOW 8568B-1 8568B-2	MAY85	WN SER 2431A & BELOW.RACK MNTG WITH SLIDES (OPT 010)ENGLISH SYSTEM II CABINET PARTS										
85685A		SERV NOTE SET BELOW												

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8660A

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8660C

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85685A		85685A-1	JUN85	WN ALL SER.SPECTRM ANALYZR COMPAT								

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8660C

8568A-44
8568A-45

MAY85 WN SER 2431A & BELOW.RACK MNTG WITH SLIDES (OPT 010)ENGLISH SYSTEM II CABINET PARTS
MAY85 WN SER 2517A & ABOVE.RACK MNTG WITH SLIDES(OPT 010)METRIC SYSTEM II CABINET PARTS

8568B

SERV NOTE SET BELOW
8568B-1
8568B-2

OCT85

MAY85 WN SER 2431A & BELOW.RACK MNTG WITH SLIDES (OPT 010)ENGLISH SYSTEM II CABINET PARTS
MAY85 WN SER 2517A & ABOVE.RACK MNTG WITH SLIDES(OPT 010)METRIC SYSTEM II CABINET PARTS

85685A

SERV NOTE SET BELOW

OCT85

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
85685A		85685A-1	JUN85	WN ALL SER.SPECTRM ANALYZR COMPAT							
8569A		OPER & SERV MAN SERV NOTE SET BELOW 8569A-1 CONT'D 8569A-2 8569A-3B 8569A-5 CONT'D 8569A-7 8569B-8 8569A-9 8569A-10 8569A-11 8569A-12	MAR81	08569-90001	JUN85	08569-90119	8L	01	53	11	
			JUL81	WN ALL SER.FIELD MOD TO MAKE 8569A ANALYZER COMPATIBLE WITH 7225A GRAPHICS PLOTTER & 17601A SER 1939A & BELOW	JAN85						
			OCT81	WO ALL SER.PROC FOR REPAIR OR REPL OF HP-IB ASSY							
			SEP83	WA SER 2105A00141 & BELOW."A" SER FIRMWARE REV							
			FEB84	WO SER 2212A & BELOW.MOD REDUC 40KHZ SIDEBANDS REPL							
			OCT82	WA SER 2113A00220 & BELOW.SUPER OF 70 KHZ SIDEBANDS							
			JUL84	WN ALL SER.FRT PAN CNTRL SWTCH BY ASSY							
			FEB84	WO ALL SER.PREC REPL A32 YTF ASSY							
			FEB84	WO ALL SER.MOD PREV INTERM A7/A8 FAILURE							
			APR84	WO SER 2239A02560 & BELOW.REPL INDUTOR ON BANDWDTH FILTER ASSY A23 OR A27							
			MAY84	WO ALL SER. REC REPL RF-IF MOTHERBD ASSY							
8569B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8569B-2 8569B-3 8569B-4 8569B-5 8569B-6 8569B-7 8569B-8 8569B-9	DEC82	08569-90032	APR84	08569-90033	8L	01	53	12	
			AUG83	08569-90032	OCT85						
			FEB84	WN SER 2326A & BELOW.OPT 003 RETROFIT KIT							
			FEB84	WN SER 2326A & BELOW.OPT 013 RETROFIT KIT							
			FEB84	WO SER 2318A & BELOW.REPL DISPLAY DRESS PANEL							
			FEB84	WO SER 2318A & BELOW.REPL DISPLAY DRESS PANEL (OPT 001)							
			FEB84	WI ALL SER.PREC REPL A32 YTF ASSY							
			APR84	WO SER 2409A & BELOW.MOD TO PREV INTERM A7/A8 FAILURES							
			JUL84	WN ALL SER.FRT PAN CNTRL SWTCH BY ASSY							
			FEB85	WO ALL SER.A16 SWEEP GEN BD REPL							
8581A		OPER & SERV MAN MAN CHANGE	MAR79	08581-90005	APR84	08581-90008	8L	01	53	01	
			AUG81	08581-90005							
8581B		OPER & SERV MAN MAN CHANGE	MAR79	08581-90005	APR84	08581-90008	8L	01	53	01	
			AUG81	08581-90005							
8582A		OPER & SERV MAN MAN CHANGE	JUN79	08582-90005	APR84	08582-90008	8L	01	53	01	
			AUG81	08582-90005							
8582B		OPER & SERV MAN MAN CHANGE	JUN79	08582-90005	APR84	08582-90008	8L	01	53	01	
			AUG81	08582-90005							
8600A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8601A-5/8600A-1 8600A-2	SEP70	08600-90001	APR85	08600-90006	8L	01	45	03	
			DEC84	08600-90001	OCT78						
			DEC72	WO SER BELOW 1144A03160.SWP INHIBIT MOD KIT							
			DEC76	WO SER BELOW 1601.REC REPL FOR A5Q1-Q5							
8601A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8601A-1 8601A-2 8601A-3 8601A-4 8601A-5/8600-1	JUN71	08601-90017	DEC75	08601-90018	8L	01	45	04	
			OCT75	08601-90017	MAY78						
			JUN69	WO SER BELOW 839-00381.REC REPL FOR SERIES REGLTR Q3							
			JUN69	WO SER BELOW 838-00181.IMPR MAN TRIGGER OPER IN SLOW SWP.IMPR RETRA IN LINE SYNC MODE							
			JUN69	WO SER BELOW 838-00181.REC OF SPUR SIG							
			-	NOT AVAILABLE							
			DEC72	WO SER BELOW 1144A-03160.SWP INHIBIT MOD KIT							

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8660C

8660C-K10

86601

86601A

86602

86602A

86602A-001

86602B

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
8601A		8601A-6A 8601A-7 8601A-8	JAN74	WN SER BELOW 0969A02215.REC REPL FOR A9E1 SUM AMPLFR.(SUPER 8601A-6)							
			NOV72	WO SER BELOW 1144A02985.REC REPL FOR A5A1Q1 & A5A/Q3							
			NOV72	WO SER 954-01131 TO 1144A02845.MOD TO INCR SWP RATE							

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86602B

86603

MAN CHANGE OCT75 08601-90017
SERV NOTE SET BELOW MAY78
8601A-1 JUN69 WO SER BELOW 839-00381.REC REPL FOR SERIES REGLTR Q3
8601A-2 JUN69 WO SER BELOW 838-00181.IMPR MAN TRIGGER OPER IN SLOW SWP.IMPR RETRA IN LINE SYNC MODE
8601A-3 JUN69 WO SER BELOW 838-00181.REC OF SPUR SIG
8601A-4 - NOT AVAILABLE
8601A-5/8600-1 DEC72 WO SER BELOW 1144A-03160.SWP INHIBIT MOD KIT

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8601A 8601A-6A JAN74 WN SER BELOW 0969A02215.REC REPL FOR A9E1 SUM AMPLFR.(SUPER 8601A-6)
8601A-7 NOV72 WO SER BELOW 1144A02985.REC REPL FOR A5A1Q1 & A5A/Q3
8601A-8 NOV72 WO SER 954-01131 TO 1144A02845.MOD TO INCR SWP RATE
8601A-9 NOV72 WO SER 954-01131 TO 0969A02355.REC REPL FOR A9C11
8601A-10 DEC76 WN SER BELOW 959A.MOD TO INSTAL NEW STYLE LINE FILTR FLI
8601-11 APR77 WO SER BELOW 1612A.PWR SUPPLY RIP IMPR

8605A OPER & SERV MAN MAR73 08605-90022 JAN75 08605-90023 01 04 07
MAN CHANGE JUN74 08605-90022
OVERALL SCHEM MAR73 08605-90025
MAN SUPP OPT 070 MAY73 08605-90031
MAN CHANGE JUL74 08605-90031
SERV NOTE SET BELOW MAY78
8605A-1 JUN73 WO SER BELOW 1317A00210.IMPR OPER AMPLFR FOR A2 & A3 DRIVER ASSEMBLIES
8605A-2 MAY73 WO SER BELOW 1317A00220.PWR LINE FILTR CAP FOR 230V OPER
8605A-3 JAN74 WO SER BELOW 1233A.IMPR FREQ STABILITY
8605A-4 OCT74 WO SER BELOW 1403A.REPL OF A2 & A3 YIG OSCIL DRIVER ASSEMBLIES

8605A-070 OPER & SERV MAN MAR73 08605-90022 JAN75 08605-90023 01 04 07
MAN CHANGE JUN74 08605-90022
OVERALL SCHEM MAR73 08605-90025
MAN SUPP OPT 070 MAY73 08605-90031
MAN CHANGE JUL74 08605-90031

8605Z OPER & SERV MAN AUG74 08605-90043 MAY85 08605-90044 8L 01 04 06
MAN CHANGE APR76 08605-90043
OVERALL SCHEM AUG74 08605-90045
SERV NOTE SET BELOW OCT81
KS-20626-1(8605Z-1) JUN73 WO SER BELOW 1317A00230.IMPR OPER AMPLFR FOR A2 & A3 DRIVER ASSEMBLIES
KS-20626-Z(8605Z-2) JAN74 WO SER BELOW 1233A.IMPR FREQ STABILITY

8614A OPER & SERV MAN MAR79 08614-90001 AUG84 08614-90007 8L 01 04 02
MAN CHANGE JUN84 08614-90001

8614A/B SERV NOTE SET BELOW APR79
8614A-1 JUN64 WN SER BELOW 411-00376.REC OF RESIDU FM
8614A-3/8616A-2 JAN65 WN SER 434 TO 511.-MOD TO EXTEND EXT PRF RANGE
8614A-4A/8616-3A OCT69 WO SER BELOW 548-00951.IMPR ALC LOW PASS FILTR
8614B-4/8616B-4 MAR69 WO REC TRANS REPL TO IMPR KLYSTRON MODULATION CIRCUITRY
8614A-5A SEP69 WO ILLUSTRATED PARTS IDENTIFICATION
8614A-6/8614B-1/ FEB69 WO 8614A SER BELOW 749-01901;8614B SER BLOW 748-00281.RECOMMENDED SWITCH REPLACEMENTS
8614A-7/8614B-2/ APR68 8614A SER BELOW 748-01851;8614B SER BELOW 748-00291.INSTAL OF FUSE & ZENER DIODE TO
8616A-5/8616B-2 INCREASE RELIABILITY
8614A-8B/8616A-6B JAN71 WO SER BELOW 749-02001.MOD TO PROTECT KLYSTRON FILAMENTS
8614A-9/8614B-3/ MAR69 WO 8614A SER BELOW 749-02151;8614B SER BELOW 748-00341.MOD TO REDUCE POWER
8616A-7/8616B-3 SUPPLY RIPPLE AND RESIDUAL FM
8614A-10/8616A-8 MAY69 WO SER BELOW 815-02601.MOD TO RED TRANSTSPIKES AT EXT PUL INP.SUPER SER 8614A-2/8616A-1
8614A-11/8614B-5/ NOV69 WO REPL PROC FOR RF PROBE ASSEMBLY
8616A-9/8616B-5
8614A-12A/8614B-6A/ DEC70 WN A100 HV BOARD ASSY-CORREC REPL BOARD NUMBERS & THEIR INSTRUMENTS
8616A-10A/8616B-6A
8614A-13/8616A-11 JUL70 WO SER BELOW 411-00400.MOD TO INCR REL OF ALC BOARD FREQ ADJ R614,R615,R620 & R621
8614A-14/8616A-12 JAN71 WO SER 749-02001 TO 953-02975.MOD TO PREV KLYSTRON HEATER- CATHODE SHORTS
8614A-15/8614B-7/ MAY71 WN ALL SER.PROC FOR REPL CAUITY WIPERS & CENTER CONDUCTOR

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8614A/B 8616A-13/8616B-7
8614A-16 SEP76 WO SER BELOW 1347A.SILICON TRANS REPL FOR FILAMENT PWR SUPPLY
8614B-8/8616B SEP76 WO ALL SER.REC TRANS REPL FOR FILAMENT PWR SUPPLY
8614A-17 OCT77 WO SER BELOW 1748A.IMP IN LINE-RELATED RESIDUAL FM
8614A-18-S APR78 WO SAFETY SER BELOW 1748A CHECK FOR PROPER FRONT PANEL COUPLING

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8616A-9/8616B-5
 8614A-12A/8614B-6A/ DEC70 WN A100 HV BOARD ASSY-CORREC REPL BOARD NUMBERS & THEIR INSTRUMENTS
 8616A-10A/8616B-6A
 8614A-13/8616A-11 JUL70 WO SER BELOW 411-00400.MOD TO INCR REL OF ALC BOARD FREQ ADJ R614,R615,R620 & R621
 8614A-14/8616A-12 JAN71 WO SER 749-02001 TO 953-02975.MOD TO PREV KLYSTRON HEATER- CATHODE SHORTS
 8614A-15/8614B-7/ MAY71 WN ALL SER.PROC FOR REPL CAUITY WIPERS & CENTER CONDUCTOR

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 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8614A/B 8616A-13/8616B-7
 8614A-16 SEP76 WO SER BELOW 1347A.SILICON TRANS REPL FOR FILAMENT PWR SUPPLY
 8614B-8/8616B SEP76 WO ALL SER.REC TRANS REPL FOR FILAMENT PWR SUPPLY
 8614A-17 OCT77 WO SER BELOW 1748A.IMP IN LINE-RELATED RESIDUAL FM
 8614A-18-S APR78 WO SAFETY.SER BELOW 1748A.CHECK FOR PROPER FRONT-PANEL GRNDG
 8614A-9 OCT77 WO ALL SER.IMP IN LINE-RELATED RESIDUAL FM
 8614B-10-S APR78 WO SAFETY.ALL SER.CHECK FOR PROPER FRONT-PANEL GRNDG
 8614A-19A OCT78 WO SER 1748A & BELOW.REC REPL FOR GER TRANSISTORS ON A500

8614B OPER & SERV MAN FEB69 08614-90002 SEP77 08614-90006 8L 01 04 02
 MAN CHANGE JUN74 08614-90002

8616A OPER & SERV MAN FEB79 08616-90019 MAY82 08616-90021* 8L 01 04 02 USE 8616A FICHE 08616-90023
 OPER & SERV MAN MAY84 08616-90022 SEP84 08616-90023 8L 01 04 02

8616A/B SERV NOTE SET BELOW APR79
 8614A-3/8616A-2 JUN65 WN SER BELOW 511-00381.MOD TO EXTEND PRF RANGE
 8614A-4A/8616A-3A OCT69 WO SER BELOW 548-00581.IMPR ALC LOW PASS FILTER
 8614A-6/8614B-1/ DEC67 8616A SER BELOW 744-01256;8616B SER BELOW 803-00276.RECOMMENDED SWITCH REPLACEMENTS
 8616A-4/8616B-1
 8614A-7/8614B-2/ APR68 8616A SER BELOW 748-01231;8616B SER BELOW 748-00266.INSTAL OF FUSE & ZENER DIODE
 8616A-5/8616B-2 TO I NCR TO INCREASE RELIABILITY
 8614A-8B/8616A-6B JAN71 WO SER BELOW 749-01281.MOD TO PROTECT KLYSTRON FILAMENTS
 8614A-9/8614B-3/ MAY68 WO 8616A SER BELOW 749-01356;8616B SER BELOW 748-00316.MODIFICATION TO REDUCE POWER
 8616A-7/8616B-3 SUPPLY RIPPLE AND RESIDUAL FM
 8614A-10/8616A-8 MAY69 WO SER BELOW 815-01681.MOD TO RED TRANST SPIK AT EXT PULSE INP.SUPERS 8614A-2/8616A-1
 8614B-4/8616B-4 MAR69 WO REC TRANS REPL TO IMPR KLYSTRON MODULATION CIRCUITRY
 8614A-11/8614B-5/ NOV69 WO REPL PROC FOR RF PROBE ASSEMBLY
 8616A-9/8616B-5
 8614A-12A/8614B-6A/ DEC70 WN A 100 HV BOARD ASSY-CORRECT REPL BOARD NUMBERS & THEIR INSTRUMENTS
 8616A-10A/8616B-6A
 8614A-13/8616A-11 JUL70 WO SER BELOW 411-00120.MOD TO INCR REL OF ALC BOARD FREQ ADJ R614,R615,R620,& R621
 8614A-14/8616A-12 JAN71 WO SER 749-01281 TO 951-01930.MOD TO PREV KLYSTRON HEATER-CATHODE SHORTS
 8614A-15/8614B-7/ MAY71 WN ALL SER.PROC FOR REPL CAVITY WIPERS & CENTER CONDUCTOR
 8616A-13/8616B-7
 8614B-8/8616B-8 SEP76 WO ALL SER.SILICON TRANS REPL FOR FILAMENT PWR SUPPLY
 8616A-14 SEP76 WO SER 1412A & BELOW.SILICON TRANS REPL FOR FILAMENT PWR SUPPLY
 8616A-15 OCT77 WO SER BELOW 1748A.IMP IN LINE-RELATED RESIDUAL FM
 8616A-16-S APR78 WO SAFETY.SER BELOW 1739A.CHECK FOR PROPER FRONT-PANEL GRNDG
 8616B-9 OCT77 WO ALL SER.IMP IN LINE-RELATED RESIDUAL FM
 8616B-10-S APR78 WO SAFETY.ALL SER.CHECK FOR PROPER FRONT-PANEL GRNDG
 8616A-17A OCT78 WO SER 1739A & BELOW.REC REPL FOR GER TRANSISTORS ON A500

8616B OPER & SERV MAN FEB69 08614-90002 SEP77 08614-90006 8L 01 04 02
 MAN CHANGE JUN74 08614-90002

8620A OPER & SERV MAN FEB74 08620-90020 SEP77 08620-90021 8L 01 45 04
 MAN CHANGE NOV75 08620-90020
 MAN CHANGE UK OCT75 08620-90020
 OVERALL SCHEM FEB74 08620-90023

8620A/B SERV NOTE SET BELOW MAY78
 8620A-1/8620B-1 SEP71 WO 8620A SER 1135A00325 & BELOW.8620B SER 1135A00160 & BELOW.MOD TO ADD FAN PROTECTOR
 CONT'D CIRCUIT TRANSIENT FILTER
 8620A-2C JAN75 WN SER BELOW 1218A.A9/A10 SWTCH/INTERCONN BOARD ASSY REPL.SUPER 8620A-2/2A/2B

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8620A/B 8620A-3A MAR74 WN ALL SER;SUPER 8620A-3.INSTAL OF REMOTE FREQ PROGRAMMING CAPABILITY (OPTION 001)
 8620A-5/8620B-2 APR73 WO 8620A SER 1218A & BELOW;8620B SER 1217A & BELOW.LINE FILTR CAP CHANGE FOR 230V PWR
 CONT'D LINE OPERATION
 8620B-3 SEP74 WN ALL SER.MOD REQUIRED FOR 86290A.2.0-18.0 GHZ PLUG-IN COMPATIBILITY
 8620A-6B JUL75 WN SER BELOW 1332A.MOD REQUIRED FOR COMPAT WITH 86290A,2.0-18.0 GHZ RF PLUG-IN OR 8410B

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8620A/B

SERV NOTI: SET BELOW
8620A-1//1620B-1
CONT'D
8620A-2CMAY78
SEP71 WO 8620A SER 1135A00325 & BELOW.8620B SER 1135A00160 & BELOW.MOD TO ADD FAN PROTECTOR
CIRCUIT TRANSIENT FILTER
JAN75 WN SER BELOW 1218A.A9/A10 SWTCH/INTERCONN BOARD ASSY REPL.SUPER 8620A-2/2A/2B86635
86635A

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8620A/B		8620A-3A 8620A-5/8620B-2 CONT'D 8620B-3 8620A-6B CONT'D 8620A-7 CONT'D 8620A-U-7	MAR74 APR73 SEP74 JUL75 APR76 AUG76	WN WO WN WN WN WN	ALL SER;SUPER 8620A-3. 8620A SER 1218A & BELOW; MOD REQUIRED FOR 86290A.2.0-18.0 GHZ SER BELOW 1332A.MOD REQUIRED FOR COMPAT WITH 86290A, REC AUTO-FREQ MODE I/O CABLE (8120-2208) FOR AUTOMAT TRACK 8620A SWP OSCIL OVER OCT & MULTI-OCT FREQ BAND FROM 110 MHZ TO 18 GHZ 1435U.AUTO-FREQ MODE I/O CABLE	3. 1217A & BELOW. 2.0-18.0 GHZ 2.0-18.0 GHZ RF PLUG-IN OR 8410B 2208) 18 GHZ					
8620B		OPER & SERV MAN MAN CHANGE OVERALL SCHEM	FEB73 MAR74 FEB73	08620-90016 08620-90016 08620-90019		JUN74	08620-90017		01	45	04
8620C		PRELIM OP & SERV MN OPER & SERV MAN MAN CHANGE UK MAN CHANGE SERV NOTE SET BELOW 8620C-1 CONT'D 8620C-2 CONT'D 8620C-3 8620C-4B CONT'D 8620C-5B CONT'D 8620C-7 8620C-8 CONT'D 8620C-9	OCT75 OCT77 JAN82 FEB85 MAY76 APR76 MAR79 OCT81 OCT81 JAN81 OCT81 SEP84	08620-90034 08620-90093 08620-90093 08620-90093 WO SER BELOW 1604A (USA); 08620-90034* 08620-90094 08620-90093 SER BELOW 1604U00217 (SOUTH QUEENSFERRY). REC REPL OF A7 OPERATIONAL CONTROL BOARD ASSEMBLY REC AUTO-FREQ MODE I/O CABLE (8120-2208) FOR AUTOMAT TRACK 8620C SWP OSCIL OVER OCT & MULTI-OCT FREQ BAND FROM 110 MHZ TO GHZ REC MOD TO IMPR PERF SER 1933A & BELOW.SER 1641J & BELOW; SER 1905U & BELOW;OPT 011 HP-IB INSTA.L KIT, 0-60154 SER 1933A & BELOW;SER 1641J & BELOW; SER 1905U & BELOW;OPT 011 HP-IB XCHANGE REPL KIT 08620-60157 ALL SER.CHECKOUT PROC FOR HP 86200 SERIES UPCONVERTER OPT RF PLUG-INS SER 1933A & BELOW;SER 1641J & BELOW; SER 1905U & BELOW;OPT 001 BCD INSTALL KIT 08620-60172 WO SER 2252A & BELOW.FAN ASSY & OPER CNTRL ASSY REPL KIT	SEP77 MAR85	08620-90035* 08620-90094	8L 8L	01 01	45 45	03 04	USE 8620C FICHE 08620-90094
8620C-001		OPER & SERV MAN MAN CHANGE UK MAN CHANGE	OCT77 JAN82 FEB85	08620-90093 08620-90093 08620-90093		MAR85	08620-90094		8L	01	45 04
8620C-011		MAN SUPP OPER & SERV MAN MAN CHANGE UK MAN CHANGE	JAN76 OCT77 JAN82 FEB85	08620-90060 08620-90093 08620-90093 08620-90093		FEB77 MAR85	08620-90071* 08620-90094		8L 8L	01 01	45 01 45 04
8620C-908		OPER & SERV MAN MAN CHANGE UK MAN CHANGE	OCT77 JAN82 FEB85	08620-90093 08620-90093 08620-90093		MAR85	08620-90094		8L	01	45 04
8621A		OPER & SERV MAN MAN CHANGE	APR71 FEB73	08621-90005 08621-90005		JUN75	08621-90006		01	45	03
8621A/B		SERV NOTE SET BELOW 8621A/B-1	FEB75	WN 8621A ALL SER; 8621B SER 1408A00840 & BELOW. MOD REQ FOR 8410B COMPATIBILITY		JUL79					
8621B		OPER & SERV MAN	JAN78	08621-90034		NOV78	08621-90035		8L	01	45 03
8621B-004		OPER & SERV MAN	JAN78	08621-90034		NOV78	08621-90035		8L	01	45 03

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8672A-E24

8672A-K22

8672A-008

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8673B

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8621B-010		OPER & SERV MAN	JAN78	08621-90034		NOV78	08621-90035		8L	01	45 03
8621B-100		OPER & SERV MAN	JAN78	08621-90034		NOV78	08621-90035		8L	01	45 03
86210A		PRELIM OP/SERV MAN MAN CHANGE	NOV73 FEB76	86210-90005 86210-90005		NOV84	86210-90006		8L	01	45 02

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86230A OPER & SERV MAN MAN CHANGE JUN73 86230-90009 MAR85 86230-90010 01 45 05
 MAN CHANGE MAY84 86230-90009

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8690

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86230A/B SERV NOTE SET BELOW OCT79
 86230A/B-1/86241A-1 FEB75 WN 86230A/B SER BELOW 1407A00320.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY

86230B OPER & SERV MAN JUN73 86230-90009 MAR85 86230-90010 01 45 05
 MAN CHANGE MAY84 86230-90009

86235A OPER & SERV MAN APR78 86240-90001 SEP85 86240-90002 8L 01 45 04
 MAN CHANGE JUL85 86240-90001

86240A OPER & SERV MAN APR78 86240-90001 SEP85 86240-90002 8L 01 45 04
 MAN CHANGE JUL85 86240-90001

86240B OPER & SERV MAN APR78 86240-90001 SEP85 86240-90002 8L 01 45 04
 MAN CHANGE JUL85 86240-90001

86240C OPER & SERV MAN APR78 86240-90001 SEP85 86240-90002 8L 01 45 04
 MAN CHANGE JUL85 86240-90001

86241A OPER & SERV MAN JUN73 86230-90009 MAR85 86230-90010 01 45 05
 MAN CHANGE MAY84 86230-90009
 SERV NOTE SET BELOW OCT79
 86230A/B-1/86241A-1 FEB75 WN 86241A SER BELOW 1409A00305.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY
 86241A-2 AUG76 WO SER.BELOW 1611A,WITH OPT 001.CHNG TO POLARITY OUTPT OF DETECT IN A6 MOD/DETECT ASSY
 CONT'D TO IMPR INTERNAL LEVELING FLATNESS

86242A PRELIM OP/SERV MAN DEC72 86242-90006 JUN74 86242-90007* 01 45 03 USE 68252A FICHE 86242-90009
 OPER & SERV MAN DEC76 86242-90008 SEP83 86242-90009 8L 01 45 03
 MAN CHANGE JAN77 86242-90008
 SERV NOTE SET BELOW OCT79
 86242A-1/86250A/B-1 MAR73 WO ALL SER.YIG OSCIL REPL ASSEMBLIES
 86342A-1/86350A-2/
 86351A-1/86352A-1
 86242A-2/86250A/B-2 MAR75 WN 86242A SER BELOW 1401A00345.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY
 86242A-3B SEP78 WO ALL SER.YTO REPL KIT.SUPER 86242A-1

86242C OPER & SERV MAN JUL76 86242-90028 FEB77 86242-90029 8L 01 45 03
 SERV NOTE SET BELOW OCT79
 86242C-1C SEP78 WO SER BELOW 1626A.YTO REPL KIT

86242D OPER & SERV MAN APR78 86245-90001 MAR85 86245-90002 8L 01 45 03
 MAN CHANGE JUL84 86245-90001

86245A OPER & SERV MAN APR78 86245-90001 MAR85 86245-90002 8L 01 45 03
 MAN CHANGE JUL84 86245-90001
 SERV NOTE SET BELOW OCT79
 86245A-1 MAY78 WG SER 1818A & 1837A.INSTALL OF CLAMP CIRC TO PREVENT FREQ LOCK UP.

86250A PRELIM OP/SERV MAN MAR72 86250-90001 JUN75 86250-90002* 01 45 02 USE 86250A FICHE 86242-90009
 OPER & SERV MAN DEC76 86242-90008 SEP83 86242-90009 8L 01 45 03
 MAN CHANGE JAN77 86242-90008

86250A-001 PRELIM OP/SERV MAN MAR72 86250-90001 JUN75 86250-90002* 01 45 02 USE FICHE 86250A FICHE 86242-90009
 MAN SUPP APR74 86250-90013 SEP74 86250-90022* 01 45 01 USE 86250A FICHE 86242-90009

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8690A
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8690A
8690A

8690B OPER
MAN C
MAN C
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8693E
8693A
8694A
8695A
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8698E
8690E
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86250A/B SERV NOTE SET BELOW OCT79
 86242A-1/86250A/B-1 MAR73 WO ALL SER.YIG OSCIL REPL ASSEMBLIES *** REPL BY 86250A/B-3B 0279
 86342A-1/86350A-2/ *** REPL BY 86250A/B-3B 0279
 86351A-1/86352A-1 ***.REPL BY 86250A/B-3B 0279
 86242A-2/86250A/B-2 MAR75 WN 86250A/B SER BELOW 1401A003480.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY
 86250A/B-3B FEB79 WO SER 1238A & BELOW.YTO REPL KIT,HP P/N 86250-60040 & 86250-60055.SER 1246A & ABOVE.
 CONT'D YTO REPL KIT,HP P/N 86250-60041 & 86250-60071
 86250B-3A SEP78 WO SER 1246A & UP/SER.BELOW 1238A.REC RE*** REPL BY 86250A/B-3B 0279

86250B PRELIM OP/SERV MAN MAR72 86250-90001 JUN75 86250-90002* 01 45 02 USE 86250B FICHE 86242-90009

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8691-8699 8699B
8699B
8699B

8691A OPER
MAN C

8691A-H01 OPER
MAN C

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86250A/B SERV NOTE SET BELOW OCT79
 86242A-1/86250A/B-1 MAR73 WO ALL SER.YIG OSCIL REPL ASSEMBLIES *** REPL BY 86250A/B-3B 0279
 86342A-1/86350A-2/ *** REPL BY 86250A/B-3B 0279
 86351A-1/86352A-1 *** REPL BY 86250A/B-3B 0279
 86242A-2/86250A/B-2 MAR75 WN 86250A/B SER BELOW 1401A00480.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY
 86250A/B-3B FEB79 WO SER 1238A & BELOW.YTO REPL KIT,HP P/N 86250-60040 & 86250-60055.SER 1246A & ABOVE.
 CONT'D YTO REPL KIT,HP P/N 86250-60041 & 86250-60071
 86250B-3A SEP78 WO SER 1246A & UP/SER.BELOW 1238A.REC RE*** REPL BY 86250A/B-3B 0279

86250B PRELIM OP/SERV MAN MAR72 86250-90001 JUN75 86250-90002* 01 45 02 USE 86250B FICHE 86242-90009
 OPER & SERV MAN DEC76 86242-90008 SEP83 86242-90009 8L 01 45 03
 MAN CHANGE JAN77 86242-90008
 MAN SUPP JUL75 86250-90033 SEP75 86250-90034* 8L 01 45 01 USE 86250B FICHE 86242-90009

86250B-001 PRELIM OP/SERV MAN MAR72 86250-90001 JUN75 86250-90002* 01 45 02 USE FICHE 86250B FICHE 86242-90009
 MAN SUPP APR74 86250-90013 SEP74 86250-90023* 01 45 01 USE 86250B FICHE 86242-90009

86250C OPER & SERV MAN JUL76 86242-90028 FEB77 86242-90029 8L 01 45 03
 SERV NOTE SET BELOW OCT79
 86250C-1A SEP78 WO SER BELOW 1627A.YTO REPL KIT (86250-60042)

86250D OPER & SERV MAN APR78 86245-90001 MAR85 86245-90002 8L 01 45 03
 MAN CHANGE JUL84 86245-90001
 SERV NOTE SET BELOW OCT79
 86250D-1A SEP78 WO SER BELOW 1709A.YTO REPL KIT (86250-60043)

86251A OPER & SERV MAN DEC82 86251-90001 JUL85 86251-90002 8L 01 45 04
 MAN CHANGE JUN85 86251-90001

86260A OPER & SERV MAN AUG75 86260-90012 AUG85 86260-90013 8L 01 45 03
 MAN CHANGE OCT84 86260-90012
 SERV NOTE SET BELOW OCT79
 86260A-1 FEB75 WN SER BELOW 1339A00390.MOD REQ FOR 8410B COMPATABILITY

86260B OPER & SERV MAN AUG75 86260-90012 AUG85 86260-90013 8L 01 45 03
 MAN CHANGE OCT84 86260-90012
 MAN SUPPL DEC80 86260-90064

86260C OPER & SERV MAN AUG75 86260-90012 AUG85 86260-90013 8L 01 45 03
 MAN CHANGE OCT84 86260-90012
 MAN SUPPL JAN84 86260-90089

86290A OPER & SERV MAN APR76 86290-90005 APR85 86290-90006 8L 01 45 05
 MAN CHANGE MAR84 86290-90005
 SERV NOTE SET BELOW APR82
 86290A-1A MAR77 WO SER BELOW 1450A.COUPL/MOD REPL KIT
 86290A-5/86290B-3/ JAN82 WN ALL SER FREQ ADJUSTMENT
 86290C-2
 86290A-6/86290B-4/ DEC81 WO 86290A:SER 2107A & BELOW;86290B:SER 2109 LOW;86290C:SER 2101A & BELOW,ALC OVERS
 86390C-3 REC MOD

86290A-004 OPER & SERV MAN APR76 86290-90005 FEB77 86290-90006 8L 01 45 05
 MAN CHANGE AUG76 86290-90005

86290A-005 OPER & SERV MAN APR76 86290-90005 FEB77 86290-90006 8L 01 45 05

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8691-8699 8699B-3
 8699B-4
 8699B-5

8691A OPER &
 MAN CHA

8691A-H01 OPER &
 MAN CHA

8691A-H02 OPER &
 MAN CHA

8691B OPER &
 MAN CHA

8692A OPER &
 MAN CHA

8692A-H01 OPER &
 MAN CHA

8692A-H02 OPER &
 MAN CHA

8692B OPER &
 MAN CHA

8692C OPER &
 MAN CHA

8693A OPER &
 MAN CHA

8693A-E09 OPER NO

8693A-H01 OPER &
 MAN CHA

8693A-H02 OPER &
 MAN CHA

8693B OPER &
 MAN CHA

8694A OPER &
 MAN CHA

8694A-E09 OPER NO

8694A-H01 OPER &
 MAN CHA

8694A-H02 OPER &
 MAN CHA

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 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

86290A-005 MAN CHANGE AUG76 86290-90005 FEB77 86290-90006 8L 01 45 05

86290B OPER & SERV MAN MAR77 86290-90028 JUN79 86290-90035* 8L 01 45 05 USE 86290B/C FICHE 86290-90076
 OPER & SERV MAN JUL84 86290-90074 APR85 86290-90076 8L 01 45 04
 MAN CHANGE OCT84 86290-90074
 SERV NOTE SET BELOW APR82
 86290B-1 JUN79 WO SER 1852A & BELOW.10KHZ AMPLITUDE MODULATION ON RF OUTPUT.
 86290A-5/86290B-3/ JAN82 WN ALL SER FREQ ADJUSTMENT
 86290C-2
 86290A-6/86290B-4/ DEC81 WO 86290A:SER 2107A & BELOW;86290B:SER 2109A & BELOW;86290C:SER 2101A & BELOW,ALC OVERS
 86390C-3 REC MOD

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 374
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

8694B OPER &
 MAN CHA

8695A OPER &
 MAN CHA

8695A-E09 OPER NO

8695B OPER &
 MAN CHA

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 374
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

86290A-005 MAN CHANGE AUG76 86290-90005 FEB77 86290-90006 8L 01 45 05

86290B OPER & SERV MAN MAR77 86290-90028 JUN79 86290-90035* 8L 01 45 05 USE 86290B/C FICHE 86290-90076
 OPER & SERV MAN JUL84 86290-90074 APR85 86290-90076 8L 01 45 04
 MAN CHANGE OCT84 86290-90074
 SERV NOTE SET BELOW APR82
 86290B-1 JUN79 WO SER 1852A & BELOW.10KHZ AMPLITUDE MODULATION ON RF OUTPUT.
 86290A-5/86290B-3/ JAN82 WN ALL SER FREQ ADJUSTMENT
 86290C-2
 86290A-6/86290B-4/ DEC81 WO 86290A:SER 2107A & BELOW;86290B:SER 2109A & BELOW;86290C:SER 2101A & BELOW,ALC OVERS
 86390C-3 REC MOD

86290C MAN SUPP MAR77 86290-90062 OCT81 86290-90068 8L 01 45 01
 OPER & SERV MAN JUL84 86290-90074 APR85 86290-90076 8L 01 45 04
 MAN CHANGE OCT84 86290-90074
 MAN SUPPL AUG84 86290-90083
 SERV NOTE SET BELOW APR82
 86290A-5/86290B-3/ JAN82 WN ALL SER FREQ ADJUSTMENT
 86290C-2
 86290A-6/86290B-4/ DEC81 WO 86290A:SER 2107A & BELOW;86290B:SER 2109A & BELOW;86290C:SER 2101A & BELOW,ALC OVERS
 86390C-3 REC MOD

8632A OPER NOTE OCT70 08632-90003 JUN75 08632-90004 01 45 02
 MAN CHANGE MAR75 08632-90003

86320A SERV NOTE SET BELOW OCT79
 86320A-1/86330A-1 SEP71 WO SER BELOW 1125A.MOD TO INCR DYNAMIC RANGE OF PWR LEVEL CONTROL FOR 86320A
 86330A-5/86331A-3/ JAN74 WO SER BELOW 1329A.MOD TO REDUCE RESI AM
 86320A-2
 86320A-3 OCT75 WO ALL SER.IMPROVED AMPLIFIER KIT
 86320A-4 OCT75 WO ALL SER.IMPR FREQ CONVERTER KIT

86320B OPER & SERV MAN SEP75 86320-90006 SEP80 86320-90007 8L 01 45 02
 MAN CHANGE JUN78 86320-90006

8633A OPER NOTE JAN71 08633-90004 APR74 08633-90005* 01 45 01 USE 86330A FICHE 86330-90008

86330A OPER & SERV MAN NOV73 86330-90007 APR74 86330-90008 01 45 03
 MAN CHANGE MAR74 86330-90007
 SERV NOTE SET BELOW OCT79
 86330A-1/86330A-1 SEP71 WO SER BELOW 1125A.MOD TO INCR DYNAMIC RANGE OF PWR LEVEL CONTROL FOR 86320A
 86330A-2 SEP71 WO SER BELOW 1109A00221.MOD TO REDUCE RESIDUAL FM
 86330A-3/86331A-1 NOV71 WO SER BELOW 1125A.FM BOARD REPL TO ELIM SPUR AM CAUSED BY ALC OSCILLATIONS
 86330A-4/86331A-2/ MAR73 WO 86330A/86331A SER BELOW 1142A.MOD TO 86330A & 86331A FOR COMPATIBILITY WITH 8700A
 8700A-1
 86330A-5/86331A-3/ JAN74 WO SER BELOW 1329A.MOD TO RED RESI AM
 86320A-2
 86330A-6/86331A-4 MAY76 WN ALL SER.PROC FOR INSTAL OPT 001 INTERNAL LEVELING KIT PN 86330-60008

86330B OPER & SERV MAN NOV75 86330-90026 SEP80 86330-90027 8L 01 45 03
 MAN CHANGE MAY80 86330-90026
 SERV NOTE SET BELOW OCT79
 86330B-1/86331B-1 MAR74 WN 86330B SER BELOW 1430A00321.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY
 86330B-2 MAY76 WO SER BELOW 1506A00397.CORRECT TO ELIM FREQ DRIFT WHEN SWCH FROM CW TO DELTA F MODE
 86330B-3/86331B-3 OCT78 WO ALL SER WITH OPT 001.MOD TO RF MTG BRACKET WHEN REPL MOD-AMP-DETECTOR.

11/08/85 MODEL NUMBER O C LITERATURE TYPE

8694B OPER & SERV MAN CHANGE

8695A OPER & SERV MAN CHANGE

8695A-E09 OPER NOTE

8695B OPER & SERV MAN CHANGE

8696A OPER & SERV MAN CHANGE

8696A-E09 OPER NOTE

8697A OPER & SERV MAN CHANGE

8697A-E09 OPER NOTE

8698B OPER & SERV MAN CHANGE OVERALL

8699B OPER & SERV MAN CHANGE SERV NOTE

870A OPER NOTE OPER & SERV MAN CHANGE OVERALL

8700 SERV NOTE 86330A-4/8700A-1/8700A-2A

8700A OPER & SERV MAN CHANGE OVERALL

8701A OPER & SERV MAN CHANGE OVERALL

8705A SERV NOTE 8705A-1A

8706A OPER & SERV MAN CHANGE SERV NOTE 8706A-1

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 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

86330C OPER & SERV MAN NOV75 086330-90026 SEP80 86330-90027 8L 01 45 03
 MAN CHANGE MAY80 86330-90026

86331A OPER & SERV MAN NOV73 86330-90007 APR74 86330-90008 01 45 03
 MAN CHANGE MAR74 86330-90007
 SERV NOTE SET BELOW OCT79
 86330A-3/86331A-1 NOV71 WO SER BELOW 1125A.FM BOARD REPL TO ELIM SPUR AM CAUSED BY ALC OSCILLATIONS
 86330A-4/86331A-2/ MAR73 WO 86330A/86331A SER BELOW 1142A.MOD TO 86330A & 86331A FOR COMPAT WITH 8700A
 8700A-1
 86330A-5/86331A-3/ JAN74 WO SER BELOW 1329A.MOD TO RED RESI AM
 86320A-2
 86330A-6/86331A-4 MAY76 WN ALL SER.PROC FOR INSTAL OPT 001 INTERNAL LEVELING KIT PN 86330-60008

11/08/85 MODEL NUMBER O C LITERATURE TYPE

8706A 8706A-2A/

8706A-H25 OPER & SERV MAN CHANGE MAN SUPP

8707A OPER & SERV MAN CHANGE MAN SUPP SERV NOTE 8707A-1/8707A-2/8707A-3

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NUMBER
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*** DESCRIPTION ***

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86330C OPER & SERV MAN
MAN CHANGE NOV75 086330-90026 SEP80 86330-90027 8L 01 45 03
MAY80 86330-90026

86331A OPER & SERV MAN
MAN CHANGE NOV73 86330-90007 APR74 86330-90008 01 45 03
MAR74 86330-90007
SERV NOTE SET BELOW OCT79
86330A-3/86331A-1 NOV71 WO SER BELOW 1125A.FM BOARD REPL TO ELIM SPUR AM CAUSED BY ALC OSCILLATIONS
86330A-4/86331A-2/ MAR73 WO 86330A/86331A SER BELOW 1142A.MOD TO 86330A & 86331A FOR COMPAT WITH 8700A
8700A-1
86330A-5/86331A-3/ JAN74 WO SER BELOW 1329A.MOD TO RED RESI AM
86320A-2
86330A-6/86331A-4 MAY76 WM ALL SER.PROC FOR INSTAL OPT 001 INTERNAL LEVELING KIT PN 86330-60008

86331B OPER & SERV MAN
MAN CHANGE NOV75 86330-90026 SEP80 86330-90027 8L 01 45 03
MAY80 86330-90026
SERV NOTE SET BELOW OCT79
86330B-1/86331B-1 MAR74 WN 86331B SER BELOW 1430A00207.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY
86331B-2 MAY76 WO SER BELOW 1506A00237.MOD TO IMPR PERF
86330B-3/86331B-3 OCT78 WO ALL SER WITH OPT 001.MOD TO RF MTG BRACKET WHEN REPL MOD-AMP-DETECTOR.

86331C OPER & SERV MAN
MAN CHANGE NOV75 086330-90026 SEP80 86330-90027 8L 01 45 03
MAY80 86330-90026

86341A OPER & SERV MAN
NOV73 86341-90013 JAN74 86341-90014 01 45 02

86341A/B SERV NOTE SET BELOW OCT79
86341A-1/86341B-1/ APR74 WA 86341A ALL SER.86341B SER BELOW 1219A.MODIFICATION TO CORRECT DC OFFSET OF
86342A-2/86350A-3 SWEEP REFERENCE OUTPUT
86341A/B-2 APR75 WN 86341A ALL SER;86341B BELOW 1410A00613.MOD FOR 8410B COMPATIBILITY
86341B-3 OCT78 WO ALL SER WITH OPT 001.MOD TO RF MTG BRACKET WHEN REPL MOD-AMP-DETECTOR.

86341B OPER & SERV MAN
MAN CHANGE JAN76 86341-90027 SEP80 86341-90028 8L 01 45 02
MAY80 86341-90027

86341C OPER & SERV MAN
MAN CHANGE JAN76 86341-90027 SEP80 86341-90028 8L 01 45 02
MAY80 86341-90027

86342A OPER & SERV MAN
MAN CHANGE JAN74 86342-90006 SEP80 86342-90007 8L 01 45 04
JAN79 86342-90006
SERV NOTE SET BELOW OCT79
86242A-1/86250A/B-1 MAR73 WO ALL SER.YIG OSCIL REPL ASSEMBLIES
86342A-1/86350A-2/
86351A-1/86352A-1
86341A-1/86341B-1/ APR74 WA 86342A SER BELOW 1224A.MODIFICATION TO CORRECT DC OFFSET
86342A-2/86350A-3 OF SWEEP REFERENCE OUTPUT
86342A-3/86350A-4/ MAR75 WN 86342A SER BELOW 1410A00547.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY
86351A-2/86352A-2
86342A-4B SEP78 WO ALL SER.YTO REPL KIT.SUPER 86342A-1.

86342A-001 OPER & SERV MAN
MAN CHANGE JAN74 86342-90006 SEP80 86342-90007 8L 01 45 04
JAN79 86342-90006

86342C OPER & SERV MAN
MAN CHANGE JAN74 86342-90006 SEP80 86342-90007 8L 01 45 04
JAN79 86342-90006

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8706A 8706A-2A/8706A-2B

8706A-H25 OPER & SERV
MAN CHANGE
MAN SUPP H

8707A OPER & SERV
MAN CHANGE
MAN SUPP H
SERV NOTE :
8707A-1
8707A-2
8707A-3
8707A-4
3706A-2A/8706A-2B
CONT'D
8707A-6
8707A-7
CONT'D

8708A OPER & SERV
SERV NOTE :
8708A-1
8708A-2
8708A-3
8708A-4-S

8709A OPER & SERV
MAN CHANGE

8709B OPER & SERV
MAN CHANGE

8714A OPER & SERV
SERV NOTE :
8714A-1A

8716A OPER & SERV

8717A OPER & SERV
MAN CHANGE
SERV NOTE :
8717A-1
8717A-2A-S
8717A-3
8717A-4A-S
8717A-5

8717B OPER & SERV
MAN CHANGE
OVERALL SCH
OPER & SERV

872A OPER NOTE

86342C

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* DESCRIPTION ***

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			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
86342C		SERV NOTE SET BELOW 86342C-1B	SEP78	WO SER BELOW 1631A.YTO	OCT79	REPL KIT (86342-60017)					
86342C-001		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
86350A		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
		SERV NOTE SET BELOW 86350A-1	JUL72	WA SER BELOW 1125A.MOD KIT TO ADD STEEL COVER & HEAT SINK							
		86242A-1/86250A/B-1	MAR73	WO ALL SER.YIG OSCIL REPL ASSEMBLIES							
		86342A-1/86350A-2/ 86351A-1/86352A-1									
		86341A-1/86341B-1/ 86342A-2/86350A-3	APR74	WA 86350A SER BELOW 1239A.MODIFICATION TO CORRECT DC OFFSET OF SWEEP REFERENCE OUTPUT							
		86342A-3/86350A-4/ 86351A-2/86352A-2	MAR75	WN 86350A SER BELOW 1410A00570.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY							
		86350A-5A	APR78	WO ALL SER.YTO REPL KIT, HP P/N 86350-60021 & 86350-60022. SUPER 86350A-2							
86350A-001		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
86350C		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
		SERV NOTE SET BELOW 86350C-1A	SEP78	WO SER BELOW 1741A.YTO REPL KIT (86350-60021)							
86350C-001		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
86351A		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
		SERV NOTE SET BELOW 86242A-1/86250A/B-1	MAR73	WO ALL SER.YIG OSCIL REPL ASSEMBLIES							
		86342A-1/86350A-2/ 86351A-1/86352A-1									
		86342A-3/86350A-4/ 86351A-2/86352A-2	MAR75	WN 86351A & 86352A ALL SER.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY							
		86351A-3A	SEP78	WO ALL SER.REC YTO REPL KIT.							
86351A-001		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
86352A		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	
		SERV NOTE SET BELOW 86242A-1/86250A/B-1	MAR73	WO ALL SER.YIG OSCIL REPL ASSEMBLIES							
		86342A-1/86350A-2/ 86351A-1/86352A-1									
		86342A-3/86350A-4/ 86351A-2/86352A-2	MAR75	WN 86351A & 86352A ALL SER.MCDIFICATION REQUIRED FOR 8410B COMPATIBILITY							
		86352A-3A	SEP78	WO ALL SER.REC YTO REPL KIT.							
86352A-001		OPER & SERV MAN MAN CHANGE	JAN74 JAN79	86342-90006 86342-90006	SEP80	86342-90007	8L	01	45	04	

86351A-001	OPER & SERV MAN MAN CHANGE	JAN74 86342-90006 JAN79 86342-90006	SEP80 86342-90007 8L 01 45 04
86352A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 86242A-1/86250A/B-1 86342A-1/86350A-2/ 86351A-1/86352A-1 86342A-3/86350A-4/ 86351A-2/86352A-2 86352A-3A	JAN74 86342-90006 JAN79 86342-90006 MAR73 WO ALL SER.YIG OSCIL REPL ASSEMBLIES MAR75 WN 86351A & 86352A ALL SER.MODIFICATION REQUIRED FOR 8410B COMPATIBILITY SEP78 WO ALL SER.REC YTO REPL KIT.	SEP80 86342-90007 8L 01 45 04 OCT79
86352A-001	OPER & SERV MAN MAN CHANGE	JAN74 86342-90006 JAN79 86342-90006	SEP80 86342-90007 8L 01 45 04

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DESCRIPTION ***

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*** DESCRIPTION ***											
8640A		OPER & SERV MAN MAN CHANGE MAN CHANGE UK OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUN74 OCT76 JAN77 OCT76 OCT84 AUG81	08640-90014 08640-90014 08640-90014 08640-90114 08640-90114 08640-90114	JUL77 DEC84	08640-90016 08640-90116	8L	01	10	06 07	FOR SER PFX 1552A OR 1536U & BELOW FOR SER PFX 1602A OR 1641U & ABOVE
8640A-001		OPER & SERV MAN MAN CHANGE MAN CHANGE UK OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUN74 OCT76 JAN77 OCT76 MAR84 AUG81	08640-90014 08640-90014 08640-90014 08640-90114 08640-90114 08640-90114	JUL77 MAY84	08640-90016 08640-90116	8L	01	10	06 07	FOR SER PFX 1552A OR 1536U & BELOW FOR SER PFX 1602A OR 1641U & ABOVE
8640A-002		MAN SUPP MAN CHANGE MAN CHANGE UK OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUN74 OCT76 FEB77 OCT76 MAR84 AUG81	08640-90048 08640-90048 08640-90048 08640-90114 08640-90114 08640-90114	SEP77 MAY84	08640-90054 08640-90116	8L	01	10	02 07	
8640A-003		MAN SUPP MAN CHANGE OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUN75 OCT77 OCT76 MAR84 AUG81	08640-90066 08640-90066 08640-90114 08640-90114 08640-90114	JAN78 MAY84	08640-90067 08640-90116	8L	01	10	02 07	
8640A/B		SERV NOTE SET BELOW			APR84						
											ALL PREVIOUS SERVICE NOTES TO THIS POINT HAVE BEEN INCORPORATED INTO THE FINAL MA NUALS FOR THE 8640A & 8640B
		8640A-11A/8640B-12A	SEP74	WN ALL SER.RF ON/OFF SWTCH MODIFICATION							
		8640A-12	AUG73	WA SER BELOW 1313A.REC A8 MECH DIAL REPL							
		8640A/B-13A	SEP74	WN 8640A SER BELOW 1244A;8640B SER BELOW 1243A.INSTAL OF FM GAIN COMP CIR & POT							
		8640A/B-14	FEB74	WN ALL SER.FIELD INSTAL PROC FOR OPTION 001 (VARIABLE FREQ MOD OSCIL							
		8640A/B-15	APR74	WN 8640A/B SER BELOW 1316A.FM LINEARITY IMPROVEMENT							
		8640A/B-16	APR74	WN 8640A SER BELOW 1348A.8640B SER BELOW 1345A.REL IMPR IN AM & PULSE CIRCUITRY							
		8640A-U-16/ 8640B-U-16	MAY74	WN 8640A SER BELOW 1136U00111;& 1342U00156.REL IMPR IN AM & PULSE CIRCUITRY							
		8640A/B-17	APR74	WN 8640A BELOW 1330A.8640B SER BELOW 1327A.IMPR AM NOISE PERFORMANCE							
		8640B-U-17	JUL74	WN 8640B SER BELOW 1320U-00115.IMPR AM NOISE PERFORMANCE							
		8640A/B-18 CONT'D	SEP74	WN 8640A SER BELOW 1340A.8640B SER BELOW 1339A.IMPROVEMENT IN HIGH FREQUENCY DISTORTION IN VARIABLE-FREQ MODULATION OSCIL							
		8640B-U-18	JUL74	WN 8640B SER BELOW 1332U-00135.IMPR IN HIGH FREQ DIST IN VARI FREQ MOD OSCIL							
		8640A/B-19	JUN74	WO 8640A SER BELOW 1413A.8640B BELOW 1406A.LINE SWTCH MODIFICATION							
		8640B-U-19	JUL74	WO 8640A SER BELOW 1432U-00160;8640B SER BELOW 1434U-00255.LINE SWTCH MODIFICATION							
		8640A/B-20	JUN74	WN 8640A SER BELOW 1415A.8640B BELOW 1406A. PWR SUPPLY REG IMPROVEMENTS							
		8640B-U-20	JUL74	WN SER BELOW 1336U-00130;8640B SER BELOW 1342U-00175.PWR SUPPLY REG IMPROVEMENTS							
		8640A/B-21	JUN74	WN 8640A SER BELOW 1415A;8640B SER BELOW*** REPL BY 8640A-28 & 8640B-31							1078
		8640A-U-21/ 8640B-U-21	SEP74	WO 8640A SER BELOW 1432U00160;8640B SER *** REPL BY 8640A-28 & 8640B-31 *** REPL BY 8640A-28 & 8640B-31							1078 1078
		8640A/B-22	AUG74	WN ALL SER.ALTER METH FOR FM LINEAR ADJ							
		8640A/B-23	SEP74	WO ALL SER.CORREC INTERMITTENT RF DIVIDER/FILTR SWTCH							
		8640A/B-24	SEP74	WN ALL SER.RF OSCIL END STOP ADJ							

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8640A/B-17
8640B-U-17
8640A/B-18
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8640B-U-18
8640A/B-19
8640B-U-19
8640A/B-20
8640B-U-20
8640A/B-21
8640A-U-21
8640B-U-21
8640A/B-22
8640A/B-23
8640A/B-24

APR74 WN 8640A BELOW 1330A.8640B SER BELOW 1327A.IMPR AM NOISE PERFORMANCE
JUL74 WN 8640B SER BELOW 1320U-00115.IMPR AM NOISE PERFORMANCE
SEP74 WN 8640A SER BELOW 1340A.8640B SER BELOW 1339A.IMPROVEMENT IN HIGH FREQUENCY DISTORTION
IN VARIABLE-FREQ MODULATION OSCIL
JUL74 WN 8640B SER BELOW 1332U-00135.IMPR IN HIGH FREQ DIST IN VARI FREQ MOD OSCIL
JUN74 WO 8640A SER BELOW 1413A.8640B BELOW 1406A.LINE SWTCH MODIFICATION
JUL74 WO 8640A SER BELOW 1432U-00160;8640B SER BELOW 1434U-00255.LINE SWTCH MODIFICATION
JUN74 WN 8640A SER BELOW 1415A.8640B BELOW 1406A. PWR SUPPLY REG IMPROVEMENTS
JUL74 WN SER BELOW 1336U-00130;8640B SER BELOW 1342U-00175.PWR SUPPLY REG IMPROVEMENTS
SEP74 WO 8640A SER BELOW 1415A;8640B SER BELOW *** REPL BY 8640A-28 & 8640B-31 1078
*** REPL BY 8640A-28 & 8640B-31 1078
*** REPL BY 8640A-28 & 8640B-31 1078

AUG74 WN ALL SER.ALTER METH FOR FM LINEAR ADJ
SEP74 WO ALL SER.CORREC INTERMITTENT RF DIVIDER/FILTR SWTCH
SEP74 WN ALL SER.RF OSCIL END STOP ADJ

8755F
8756A
8756S
8757A

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DESCRIPTION ***

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PNL METERS

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LED DIG PANL METR

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3A SPECTRUM ANALYE

TION DRAG

LIN GAIN POT
H SWTCH

LOG AMP BD OSC

SC

RESOLUTION BNDWIDTH
3A SPECTRM ANALYZE

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8640A/B		8640A-25 8640B-25 8640B-U-25 8640B-26 8640A-26/8640B-27 8640A-27 8640A-U-27 8640B-U-27 8640B-28 8640B-U-28 8640B-29 8640B-30 8640A-28 8640A-29 8640A-30 8640B-31 8640B-32-S 8640B-33A 8640B-34 8640B-35	FEB75 WN ALL SER.BASIC FUNCTIONAL CHECKS JAN75 WN SER BELOW 1333A.TIME BASE VERNIER KNOB & POT REPLACEMENT FEB75 WN 8640B SER BELOW 1334U-00155.REPL OF TIME BASE VERNIER KNOB & POT FEB75 WN ALL SER.BASIC FUNCTIONAL CHECKS FEB75 WO 8640A SER BELOW 1428A;8640B SER BELOW 1440A.INPUT CROWBAR REL IMPR & REC A12 REPL OCT75 WO SER BELOW 1536A."REDUCE PEAK POWER" LAMP DRIVE MODIFICATION JAN76 WO SER BELOW 1511U."REDUCE PEAK PWR" LAMP DRIVE MODIFICATION MAR75 WO SER BELOW 1320U-00115.INPT CROWBAR REL IMPR & REC A12 REPLACEMENT OCT75 WO SER BELOW 1526A."REDUCE PEAK PWR" LAMP DRIVE MODIFICATION JAN76 WO SER BELOW 1532U."REDUCE PEAK PWR" LAMP DRIVE MODIFICATION JAN76 WO NEW TRBLSHTG PROC FOR INSTR COVERED BY 08640-90017 & 08640-90073 OPER & SER MAN JUN76 WO ALL SER.CORRECTING EXCESSIVE RESID FM WHEN LOCKED IN EXPAND X10 MODE JAN78 WO ALL SER.REC REPL LINE FUSE FOR 220/240V OPER JUN79 WN ALL SER.TEST PROC FOR MODULATION PERF TESTS & ADJUSTMENTS. OCT83 WO SER 2222A & BELOW & ALL U PREFIX.FM AMPLF REL IMPR JAN78 WO ALL SER.REC REPL.LINE FUSE FOR 220/240V OPER. JUL73 WO SAFETY.ALL SER OPT 323.ELIM OF TERMINAL BD SHORT HAZARD NOV80 WO SER 1827A & BELOW OPT 004.REC MOD TO IMPROVE AM PHASE SHIFT MAY79 WN ALL SER.TEST PROC FOR ALTERNATE MODULATION PERF TESTS & ADJUSTMENTS. OCT83 WN SER 2229A & BELOW & ALL U PREFIX.FM AMPLF REL IMPR											
8640B		OPER & SERV MAN MAN CHANGE MAN CHANGE UK OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	MAR76 08640-90108 MAR76 08640-90108 MAY76 08640-90108 AUG76 08640-90111 APR78 08640-90186 SEP80 08640-90197 DEC84 08640-90197 AUG81 08640-90197	JUL79 08640-90110	8L 01 10 07	FOR SER PFX 1607A/U & BELOW								
8640B-001		OPER & SERV MAN MAN CHANGE OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUL75 08640-90073 MAR76 08640-90073 APR78 08640-90186 SEP80 08640-90197 DEC84 08640-90197 AUG81 08640-90197	SEP77 08640-90075	8L 01 10 07	FOR SER PFX 1607A/U & BELOW								
8640B-002		MAN SUPP MAN CHANGE MAN CHANGE UK OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUN74 08640-90035 MAR76 08640-90035 FEB76 08640-90035 APR78 08640-90186 SEP80 08640-90197 DEC84 08640-90197 AUG81 08640-90197	JUL79 08640-90053	8L 01 10 02	FOR SER PFX 1607A/U & BELOW								
8640B-003		MAN SUPP MAN CHANGE OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	MAY75 08640-90068 OCT77 08640-90068 APR78 08640-90186 SEP80 08640-90197 DEC84 08640-90197 AUG81 08640-90197	JAN78 08640-90069	8L 01 10 02	FOR SER PFX 1607A/U & BELOW								
8640B-003/4		SUPP - OPT 004 MAN MAN CHANGE	JUL75 08640-90070 OCT77 08640-90070	JAN78 08640-90071	8L 01 10 01									

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8640B-003	MAN SUPP MAN CHANGE OPER & SERV MAN OPER & SERV MAN MAN CHANGE MAN CHANGE UK	MAY75 08640-90068 OCT77 08640-90068 APR78 08640-90186 SEP80 08640-90197 DEC84 08640-90197 AUG81 08640-90197	JAN78 08640-90069 8L 01 10 02 FOR SER PFX 1607A/U & BELOW AUG80 08640-90187* 8L 01 10 06 USE 8640B-003 FICHE 08640-90199 MAR85 08640-90199 8L 01 10 08
8640B-003/4	SUPP - OPT 004 MAN MAN CHANGE	JUL75 08640-90070 OCT77 08640-90070	JAN78 08640-90071 8L 01 10 01

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8640B-004		OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE MAN CHANGE UK	JUL75 08640-90073 MAR76 08640-90073 JUL77 08640-90140 NOV84 08640-90140 AUG81 08640-90140		SEP77 08640-90075 MAR85 08640-90142		8L	01	10	07	FOR SER PFX 1607A & BELOW INCLUDING OPTIONS 001 & 003
8640M		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8640M-1-S	DEC76 08641-90008 MAY80 08641-90008 JUL78 WO SAFETY.SER 1820A & BELOW.ELIM OF BARRIER BLOCK SHORT HAZARD		AUG80 08641-90010 JAN79		8L	01	10	05	
8642A		OPER & SERV MAN	JAN85 08642-90012		AUG85 08642-90109		8L	01	10	18	
8642A/B		SERV NOTE SET BELOW 8642A-1/8642B-1 8642A-2/8642B-2	NOV84 WN MODULER REMOVAL & INST FOR MODULES IN CASTINGS(A6,A7,A9,A11,A12,A13,A14,A16,A19)		APR85 SUPERSEDED BY 8642A-2/8642B-2						
8642B		OPER & SERV MAN	JAN85 08642-90012		AUG85 08642-90109		8L	01	10	18	
865B		SERV NOTE SET BELOW 865B-1	SEP64 FIELD ADJUSTMENTS		MAY78						
8651A		OPER & SERV MAN	JUL71 08651-99000		SEP84 08651-99050		8L	01	33	01	
8654A		OPER & SERV MAN MAN CHANGE OVERALL SCHEM OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8654A-1 8654A-2 8654A-3 8654A-4	OCT73 08654-90007 JUN77 08654-90007 OCT73 08654-90004 MAR77 08654-90028 OCT83 08654-90028 JUN73 WN SER BELOW 1305A.OUTPT ATTEN REPLACMNT DEC73 WO SER BELOW 1327A.ELIM OF FINE TUNE CONTROL CREEP MAR74 WN SER BELOW 1401A.IMPR OF INTERNAL MOD SETTABILITY MAR75 WO SER BELOW 1450A.METER SUPPORT BRACKET		JUL77 08654-90008 DEC83 08654-90029 MAY78		8L	01	04	03	FOR SERIAL PFXES 1530A & BELOW FOR SERIAL PFXES 1540A & ABOVE
8654B		PRELIM OP & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8654B-1	JUL75 08654-90012 MAR77 08654-90025 JAN84 08654-90025 DEC80 WN ALL SER.IMPR		NOV75 08654-90013* MAR84 08654-90026 APR81		8L	01	04	03	USE 8654B FICHE 08654-90026 PERF TESTS & ADJ USING THE 8901A
8655A		OPER & SERV MAN MAN CHANGE	MAR76 08655-90001 JUN83 08655-90001		DEC83 08655-90003		8L	01	10	03	
8656A		OPER & SERV MAN MAN CHANGE MAN CHANGE-OPER MAN SERV NOTE SET BELOW 8656A-1A 8656A-2 8656A-3 8656A-4 8656A-5 8656A-6 8656A-7	MAY81 08656-90107 JUN84 08656-90107 JUN84 08656-90108 JUL84 JUL83 WN ALL SER.INSTRUCT FOR INSTALL HI STABILITY TIME BASE (OPT 001) JAN81 WA SER 2022A & BELOW.IMPR INT RF SHIELDING JAN81 WA SER 2026A & BELOW.IMPR KEYBD RESP FEB81 WA SER 2035A00535 & BELOW.MOD TO CORRECT 5.MHZ TIME BASE OUTPUT FEB81 WO SER 2027A & BELOW.IMPR VOLTAGE TUNED FILTER (VTF) HI END OPER FEB81 WO SER 2032A & BELOW.IMPR HF OSC LOCK WITH EXT AM FEB81 WO SER 2022A & BELOW.MOD TO ELIM 500.5 MHZ SPURS		SEP84 08656-90109		8L	01	10	07	INCLUDES OPERATING MANUAL

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890A

890AX

8900A

8900B

8900C

8900D

8901A

8901A-0

8901A-0

8901A-0

8901A-0

8901A-0

8901B

8902A

8903A

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8656A OPER & SERV MAN MAY81 08656-90107 SEP84 08656-90109 8L 01 10 07 INCLUDES OPERATING MANUAL
 MAN CHANGE JUN84 08656-90107
 MAN CHANGE-OPER MAN JUN84 08656-90108
 SERV NOTE SET BELOW JUL84
 8656A-1A JUL83 WN ALL SER.INSTRUCT FOR INSTALL HI STABILITY TIME BASE (OPT 001)
 8656A-2 JAN81 WA SER 2022A & BELOW.IMPR INT RF SHIELDING
 8656A-3 JAN81 WA SER 2026A & BELOW.IMPR KEYBD RESP
 8656A-4 FEB81 WA SER 2035A00535 & BELOW.MOD TO CORRECT 5.MHZ TIME BASE OUTPUT
 8656A-5 FEB81 WO SER 2027A & BELOW.IMPR VOLTAGE TUNED FILTER (VTF) HI END OPER
 8656A-6 FEB81 WO SER 2032A & BELOW.IMPR HF OSC LOCK WITH EXT AM
 8656A-7 FEB81 WO SER 2022A & BELOW.MOD TO ELIM 500.5 MHZ SPURS

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8903A

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8656A 8656A-8A NOV82 WO SER 2107A & BELOW.PROC FOR REPL FRAME-CASTING BOSSES
 8656A-9 JUL81 WO SER 2124A & BELOW.FAN REPL PROC
 8656A-10A SEP81 WA SER 2124A & BELOW.MOD TO CORRECT FOR SPURIOUS SIDEBANDS 60-110 MHZ VCO
 8656A-11 AUG81 WA SER 2111A & BELOW.IMPR AUTO FM CALIBRATION
 8656A-12 AUG81 WA SER 2117A & BELOW.MOD TO REDUCE 5.6 KHZ SPUR OFFSET FM OUTPUT FREQ OF 99.9993
 CONT'D & 899.9993 MHZ
 8656A-13 AUG81 WA SER 2111A & BELOW.MOD TO REDUCE 140 MHZ SPUR WITH AN OUTPUT FREQ OF 80 MHZ
 8656A-14 AUG81 WA SER 2111A & BELOW.MOD TO REDUCE SPURS 17, 37, & 42MHZ OFFSET FM OUTPUT FREQ OF .1 TO
 CONT'D 123.5 MHZ
 8656A-15A JAN82 WA SER 2127A & BELOW.MOD TO IMPR +24 VDC FUSE, A10F1 FAILURE RATE
 8656A-16 OCT83 WO SER 2111A & BELOW.REC OUTPUT ASSY REPL
 8656A-17 FEB83 WO SER 2136A & BELOW.MOD TO IMPR FILTR OF -15 VDC SUPPLY VOLTAGE TO HETERODYNE SECTION
 8656A-18 FEB83 WO SER 2228A & BELOW.MOD TO IMPR 50 MHZ REF OSCILL TO IMPR PERF
 8656A-19 FEB83 WO SER 2232A & BELOW.IMPR FREQ MODULN ADJ
 8656A-20 FEB83 WO SER 2223A & BELOW.IMPR SPECTRAL PURITY OF MODULATION OUTPUT
 8656A-21 FEB84 WO SER 2341A & BELOW.IMPR ATTEM GROMMENT

8656B OPER & SERV MAN JUL84 08656-90127 DEC84 08656-90148 8L 01 10 09
 MAN CHANGE OCT84 08656-90127
 MAN CHANGE OCT84 08656-90128

8660A OPER & SERV MAN OCT76 08660-90067 JUL78 08660-90068* 8L 01 10 05 USE 8660A FICHE 08660-90082
 SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01
 OPER & SERV MAN JAN83 08660-90080 SEP85 08660-90082 8L 01 10 05
 MAN CHANGE JUL85 08660-90080
 SERV NOTE SET BELOW JUL83
 8660A-1 SEP71 WN ALL SER.INSTALLATION OF OPTION 009
 8660A-2A AUG72 WO SER BELOW 1219A.HIGH FREQ ADJ IMPR
 8660A-3 DEC71 WA SER BELOW 1141A00131.PWR SUPPLY IMPR
 8660A-4 JAN72 WO SER BELOW 1201A00171.NOISE RED IN REF SECTION
 8660A-5C JAN75 WA SER BELOW 1445A00690.REF LEVEL OUTPUT LEVELS INCREASED
 8660A-6 JUN72 WO SER BELOW 1219A00230.INCR PWR SUPPLY ADJ RANGE
 8660A-7A OCT73 WO SER BELOW 1246A.MOD TO IMPR HF SEC ADJ RANGE
 8660A-8 JUN72 WA SER BELOW 1219A00240.NEW FAN INSTAL
 8660A-9 AUG72 WO SER BELOW 1219A00260.INCR REF SECTION NOISE FILTER
 8660A-10 DEC72 WO SER BELOW 1239A.IMPR 100 KHZ FILTR
 8660A-11 JAN73 WN SER BELOW 1242A.WINCHESTER CONN IMPR
 8660A-12 FEB73 WA SER BELOW 1241A.50 MHZ OSC SUPPRESS
 8660A-13A APR73 SER BELOW 1246A00350.500 MHZ AMP HEATSINK
 8660A-14 APR73 ALL SER."THE INDIRECT GENERATION" SER VIDEO TAPE SUPPLEMENT
 8660A-15 NOV73 WO SER BELOW 1317A.IMPR I/O CONN BRACKET
 8660A-16C AUG77 WN ALL SER.INTNL CRYSTAL OSCILLATOR INST
 8660A-17 OCT73 WO SER BELOW 1339A.N3 OSCIL ADJ IMPR
 8660A-18 DEC73 WO SER BELOW 1330A.L.F.SEC TRANS REPL
 8660A-19A APR79 WN ALL SER.PREFD POWER TRANSFORMER REPL.RATION
 8660A-20 FEB74 WO SER BELOW 1343A.REC REPL FOR A7 POWER LINE MODULE
 8660A-21B DEC75 WO SER BELOW 1519A00760.IMPR 100 MHZ REF FILTERING
 8660A-22C AUG75 WO SER BELOW 1445A00691.REC CHANGES ON POWER SUPPLY FUSES
 8660A-23A JUN75 WO SER BELOW 1519A00775.IMPR MAINFRM PWR RELAYS
 8660A-24 SEP74 WO SER BELOW 1145A00691.DIG I.C.REPL
 8660A-25 DEC74 WN ALL SER.MAINFRM CALIB QUICK CHECK
 8660A-26 MAY75 NO SER BELOW 1504A00760.2.5 KHZ SPURIOUS SIGNAL
 8660A-27 OCT75 WO SER BELOW 1539A00850.IMPR PWR SUP REL
 8660A-28 DEC75 WO SER BELOW 1620A00911.INCR SUPPLY CURRENT & INCR RATING OF A4A2R11

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8660A-18
8660A-19A
8660A-20
8660A-21B
8660A-22C
8660A-23A
8660A-24
8660A-25
8660A-26
8660A-27
8660A-28

DEC73 WO SER BELOW 1330A.L.F.SEC TRANS REPL
APR79 WN ALL SER.PREFD POWER TRANSFORMER REPL.RATION
FEB74 WO SER BELOW 1343A.REC REPL FOR A7 POWER LINE MODULE
DEC75 WO SER BELOW 1519A00760.IMPR 100 MHZ REF FILTERING
AUG75 WO SER BELOW 1445A00691.REC CHANGES ON POWER SUPPLY FUSES
JUN75 WO SER BELOW 1519A00775.IMPR MAINFRM PWR RELAYS
SEP74 WO SER BELOW 1145A00691.DIG I.C.REPL
DEC74 WN ALL SER.MAINFRM CALIB QUICK CHECK
MAY75 NO SER BELOW 1504A00760.2.5 KHZ SPURIOUS SIGNAL
OCT75 WO SER BELOW 1539A00850.IMPR PWR SUP REL
DEC75 WO SER BELOW 1620A00911.INCR SUPPLY CURRENT & INCR RATING OF A4A2R11

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8660A

8660A-29
8660A-30
8660A-31-S

OCT78 WN ALL SER.PROG INTERFACE VERIF PROG.
JUL79 WN ALL SER.LIST OF A3A1 & A3A2 REMOTE PROGRAMMING INTERFACE ASSYS.
APR83 WA SAFETY:SER 2121A01964 & BELOW.MOD TO PREV POSS SHOCK HAZ

8660B

OPER & SERV MAN
MAN CHANGE
SERV MAN
SERV TRAINING MAN
SERV NOTE SET BELOW

MAY74 08660-90049 JAN85 08660-90051 8L 01 04 07 SEE TITLE PAGE FOR LIST OF OPTIONS
MAY75 08660-90049
DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01
JUL83

8660B-1
8660B-2
8660B-3
8660B-4
8660B-5
8660B-6
8660B-7
8660B-8
8660B-9
8660B-10
8660B-11
8660B-12A
8660B-13
8660B-14
8660B-15
8660B-16
8660B-17
8660B-18C
8660B-19B
8660B-20C
8660B-21A
8660B-22
8660B-23A
8660B-24
8660B-25
8660B-26
8660B-27
8660B-28
8660B-29
8660B-30
8660B-31
8660B-32
8660B-33
8660B-34-S

OCT72 WA SER BELOW 1242A00180.MOD TO IMPR +4V FILTERING
OCT72 WA SER BELOW 1228A.IMCR D/A RAMP OUTPUT FOR OPER WITH EXT SCAN OF 8552A/B
NOV72 WO SER BELOW 1240A.IMPR +4V,-10V & +20V FILTERING
DEC72 WO SER BELOW 1240A.IMPR 100 KHZ FILTER
JAN73 WO SER BELOW 1240A00180.MOD TO CORRECT INTERMITTENT READ-OUT
JAN73 WN SER BELOW 1245A.MOD TO WINCHESTER CONNECTOR TO REDUCE SUSCEPTIBILITY TO PIN DAMAGE
FEB73 WA SER BELOW 1241A.50 MHZ OSCIL SUPRES TO REDUCE FALSE LOCK
MAR73 SER BELOW 1247A00320.500 MHZ AMPLFR HEATSINK
MAY73 WA SER BELOW 1247A.IMPR KEYBOARD ENTRY
MAY73 WA SER BELOW 1247A00300.IMPROVED 3M CABLE,14-PIN CONNECTOR
JUN73 WA SER BELOW 1312A00401.DIG CONTROL UNIT MECHANICAL CHECKS
SEP75 WO ALL SER.INTERNAL CRYSTAL OSCIL INSTAL
OCT73 WO SER BELOW 1310A.IMPR HF SECTION ADJ RANGE
OCT73 WO SER BELOW 1339A.N3 OSCIL ADJ IMPR
NOV73 WO SER BELOW 1318A.IMPR I/O CONN BRACKET
DEC73 WO SER BELOW 1320A.L.F.SECT TRANS REPL
JAN74 WO SER BELOW 1349A.XFMR COMPAT WITH 4V OPERATION
MAY79 WN SER 1343A & BELOW.REC REPL FOR A7 POWER LINE MODULE.
DEC75 WO ALL SER 100 MHZ REFERENCE FILTR
SEP75 WO SER BELOW 1439A00950.REC CHNG ON PWR SUPPLY FUSES
JUN75 WO ALL SER.IMPR MAINFRAME POWER RELAYS
SEP74 WO ALL SER.DISPLAY FLICKER MODIFICATION
JUL76 WO SER BELOW 1439A00961.1820-0450 I.C. REPLACEMENT
NOV74 WN ALL SER.SUMMARY OF DCU ASSY CHANGES
NOV74 WO ALL SER.ROM INPUT ASSY COMPATIBILITY
DEC74 WN ALL SER.MAINFRAME CALIB QUICK CHECK
DEC74 WO SER BELOW 1448A.IMPR ACCESSABILITY FOR A1A13 DCU ANNUNCIATOR BOARD
JAN75 WA SER BELOW 1439A01000.REF SECT OUTPUT LEVELS INCREASED
FEB75 WO ALL SER.A1A15 KEYBOARD REPAIR & PARTS REPLACEMENT
- NOT AVAILABLE
OCT75 WO ALL SER.IMPR POWER SUPPLY RELIABILITY
JUL76 WA ALL SER.MOD FOR 9825A COMPATIBILITY
MAR79 WN ALL SER.REC MOD OF A1A3 OPER ON EXTENDER BOARD
APR83 WN SAFETY:ALL SER.MOD TO PREV POSS SHOCK HAZ

8660C

OPER & SERV MAN
SERV MAN
SERV TRAINING MAN
OPER & SERV MAN
OPER & SERV MAN
OPER & SERV MAN
MAN CHANGE
SERV NOTE SET BELOW

JAN75 08660-90045 OCT77 08660-90052* 8L 01 10 08 USE 8660C FICHE 08660-90076
DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01
SEP77 08660-90074 FEB79 08660-90076* 8L 01 10 07 USE 8660C FICHE 08660-90086
MAY79 08660-90084 FEB81 08660-90086* 8L 01 10 08 USE 8660C FICHE 08660-90092
JAN81 08660-90090 AUG85 08660-90092 8L 01 10 08
FEB85 08660-90090
JUL83
FEB74 WN ALL SER.PROC FOR MAINFRAME CALIBRATION CHECK
JUN75 WO SER BELOW 1508A00200.IMPR MAINFRAME POWER RELAY REPL
JUN75 WO SER BELOW 1508A00200.MOD TO RED 1.5 KHZ SPURIOUS SIG ON RF OUTPUT

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MODEL
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8956A

896A

8970A

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907A

910A

910B

91071A

91073A

91075A

91075B

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91075E

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8660C

8660C-4

MAY75 WO SER BELOW 1520A00200.100 MHZ REF FLTR

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SERV TRAINING MAN	JUL77 08660-90072	AUG77 08660-90073	8L 01 10 01
OPER & SERV MAN	SEP77 08660-90074	FEB79 08660-90076*	8L 01 10 07 USE 8660C FICHE 08660-90086
OPER & SERV MAN	MAY79 08660-90084	FEB81 08660-90086*	8L 01 10 08 USE 8660C FICHE 08660-90092
OPER & SERV MAN	JAN81 08660-90090	AUG85 08660-90092	8L 01 10 08
MAN CHANGE	FEB85 08660-90090		
SERV NOTE SET BELOW		JUL83	
8660C-1	FEB74 WN ALL SER.PROC FOR MAINFRAME CALIBRATION CHECK		
8660C-2	JUN75 WO SER BELOW 1508A00200.IMPR MAINFRAME POWER RELAY REPL		
8660C-3	JUN75 WO SER BELOW 1508A00200.MOD TO RED 1.5 KHZ SPURIOUS SIG ON RF OUTPUT		

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8660C		8660C-4	MAY75	WO SER BELOW 1520A00200.100 MHZ REF FLTR							
		8660C-5A	JUN77	WO ALL SER.INTNL CRYSTAL OSCILLATOR INST							
		8660C-6	OCT75	WO SER BELOW 1538A00340.IMPR PWR SUPPLY RELIABILITY							
		8660C-7	DEC75	WO SER BELOW 1615A00541.INCR SUPPLY CURRENT & INCR RATING OF A4A2R11							
		8660C-8	JUL76	WA SER BELOW 1615A00700.MOD FOR PROGRAMMING COMP WITH HP 9825A CALCULATOR							
		8660C-9	MAR79	WN ALL SER.REC MOD OF A1A3 OPER ON EXTENDER BOARD							
		8660C-10	AUG79	WN ALL SER.LIST OF A3A1 & A3A2 REMOTE PROGRAMMING INTERFACE ASSYS.							
		8660C-11-S	APR83	WA SAFETY:SER 2242A04297 & BELOW.MOD TO PREV POSS SHOCK HAZ							
8660C-K10		OPER & SERV MAN	SEP75	08660-90057	SEP75	08660-90058	8L	01	10	01	
86601		SERV TRAINING MAN	JUL77	08660-90072	AUG77	08660-90073	8L	01	10	01	
86601A		SERV MAN	DEC77	08660-90070	JAN78	08660-90071	8L	01	10	02	
		OPER & SERV MAN	JUN73	86601-90020	FEB79	86601-90022*	8L	01	10	03	USE 86601A FICHE 86601-90029
		OPER & SERV MAN	MAR79	86601-90027	FEB81	86601-90029*	8L	01	10	03	USE 86601A FICHE 86601-90037
		OPER & SERV MAN	NOV83	86601-90035	MAY85	86601-90037	8L	01	10	03	
		MAN CHANGE	MAR85	86601-90035							
		SERV NOTE SET BELOW			JUL85						
		86601A-1C	APR77	WO SER BELOW 1223A00320.86601A METER REPLACEMENT KIT							
		86601A-2A	JAN73	WO SER BELOW 1249A00320.METER REPLACEMENT KIT (OPT 001)							
		86601A-3	JUN72	WN SER 1201A00170 TO 1214A00230.MOD TO ADD PULSE MODULATION CAPABILITY							
		86601A-4	AUG72	WA SER BELOW 1223A00240.PWR AMP IMPR							
		86601A-5	JAN73	WA SER BELOW 1223A.MOD TO WINCHESTER CONNECTOR TO RED SUSCEPTIBILITY TO PIN DAMAGE							
		86601A-6	APR75	WA SER BELOW 1307A00420.IMPR RF CONNECTOR GROUNDING							
		86601A-7A	MAR75	WO SER BELOW 1443A00781.ATTENDATOR DRIVER ASSEMBLY							
		86601A-8A	FEB76	WO SER BETWEEN 1551A01021 & 1443A00782.CORRECT TO PREV INTERMITTENT ATTENUATION							
		86601A-9	FEB85	WO SER 2437A & BELOW.MOD TO IMPR REL OF A13 ATTEN ASSY							
86602		SERV TRAINING MAN	JUL77	08660-90072	AUG77	08660-90073	8L	01	10	01	
86602A		SERV MAN	DEC77	08660-90070	JAN78	08660-90071	8L	01	10	02	
		OPER & SERV MAN	SEP74	86602-90011	SEP77	86602-90012	8L	01	10	03	
		MAN CHANGE	AUG75	86602-90011							
		86602A-1A	-	NOT AVAILABLE							
		86602A-2	JAN73	WA SER BELOW 1243A.MOD TO WINCHESTER CONNECTOR TO RED SUSCEPTIBILITY TO PIN DAMAGE							
		86602A-3	JAN73	WA SER BELOW 1240A.MOD TO RED OSCIL IN ALC AMPLIFIER							
		86602A-4	JAN73	SER BELOW 1239A.MOD TO IMPR AM PERF							
		86602A-5	MAY74	WA SER BELOW 1305A00430.IMPR CONN GRND							
		86602A-6	NOV74	WO SER BELOW 1444A01011.ATTENUATOR DRIVER ASSEMBLY							
		86602A-7	JAN75	WO SER BELOW 1335A00990.IMPR STAB OF A4 DETECTOR-AMPLIFIER							
		86602A-8	MAY75	WO ALL SER.2 MHZ SPURIOUS SUPPRESSION							
86602A-001		OPER & SERV MAN	SEP74	86602-90011	SEP77	86602-90012	8L	01	10	03	
		MAN CHANGE	AUG75	86602-90011							
86602B		SERV MAN	DEC77	08660-90070	JAN78	08660-90071	8L	01	10	02	
		OPER & SERV MAN	OCT75	86602-90015	SEP77	86602-90017*	8L	01	10	03	USE 86602B FICHE 86602-90023
		OPER & SERV MAN	OCT77	86602-90021	FEB79	86602-90023*	8L	01	10	03	USE 86602B FICHE 86602-90028
		OPER & SERV MAN	AUG83	86602-90026	SEP85	86602-90028	8L	01	10	03	
		MAN CHANGE	JUL85	86602-90026							
		SERV NOTE SET BELOW			JUL85						
		86602B-1	SEP75	WA SER BELOW 1519A00180.MOD TO IMPR OUTPUT POWER FLATNESS							
		86602B-2A	FEB76	WA SER BELOW 1551A00281.CORREC TO PREV INTERMITTENT ATTENUATION							
		86602B-3	AUG83	WO SER 1920A01980 & BELOW.A7 MIXER ASSY CHANGE							

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MODEL
NUMBER

91075J

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SYNC MODE

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
86602B		86602B-4	FEB85	WO SER 2437A & BELOW.MOD TO IMPR REL OF A13 ATTEN ASSY							
86603		SERV TRAINING MAN	JUL77	08660-90072	AUG77	08660-90073	8L	01	10	01	

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MODEL
NUMBER

9411A

SYNC MODE

OPER & SERV MAN OCT75 86602-90015 SEP77 86602-90017* 8L 01 10 03 USE 86602B FICHE 86602-90023
 OPER & SERV MAN OCT77 86602-90021 FEB79 86602-90023* 8L 01 10 03 USE 86602B FICHE 86602-90028
 OPER & SERV MAN AUG83 86602-90026 SEP85 86602-90028 8L 01 10 03
 MAN CHANGE JUL85 86602-90026
 SERV NOTE SET BELOW JUL85
 86602B-1 SEP75 WA SER BELOW 1519A00180.MOD TO IMPR OUTPUT POWER FLATNESS
 86602B-2A FEB76 WA SER BELOW 1551A00281.CORREC TO PREV INTERMITTENT ATTENUATION
 86602B-3 AUG83 WO SER 1920A01980 & BELOW.A7 MIXER ASSY CHANGE

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920B
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86602B 86602B-4 FEB85 WO SER 2437A & BELOW.MOD TO IMPR REL OF A13 ATTEN ASSY

86603 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01

86603A SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
 OPER & SERV MAN JAN77 86603-90016 NOV78 86603-90017* 8L 01 10 04 USE 86603A FICHE 86603-90022
 OPER & SERV MAN OCT78 86603-90020 NOV79 86603-90022* 8L 01 10 04 USE 86603A FICHE 86603-90025
 OPER & SERV MAN JUN80 86603-90023 MAR85 86603-90025 8L 01 10 04
 MAN CHANGE DEC84 86603-90023
 SERV NOTE SET BELOW JUL85
 86603A-1 FEB75 WO ALL SER.8660B MAINFRAME SER BELOW 1402A;8660A MAINFRAME SER BELOW 1404A.MAINFRAME
 CONT'D COMPATIBILITY MODS WITH 86603A OPO03
 86603A-2A SEP75 WO SER BELOW 1533A00240.MOD TO PREV 2 MHZ NOISE ON +20V SUPPLY,& TO IMPROVE
 CONT'D OUTPUT POWER FLATNESS
 86603A-3 JUL75 WA SER BELOW 1505A00146.ELIM OF SHORT IN ATTENUATOR 80 DB STEP
 86603A-4A FEB76 WA SER BELOW 1551A00311.CORREC TO PREV INTERMITTENT ATTENUATION
 86603A-5 AUG83 WO SER 2119A02640 & BELOW.A7 MIXER ASSY CHANGE
 86603A-6 FEB85 WO SER 2446A & BELOW.MOD TO IMPR REL OF A13 ATTEN ASSY

86603A-003 OPER & SERV MAN JAN77 86603-90016 NOV78 86603-90017* 8L 01 10 04 USE 86603A-003 FICHE 86603-90022
 OPER & SERV MAN OCT78 86603-90020 NOV79 86603-90022* 8L 01 10 04 USE 86603A-003 FICHE 86603-90025
 OPER & SERV MAN JUN80 86603-90023 SEP84 86603-90025 8L 01 10 04
 MAN CHANGE JUL84 86603-90023

8662A OPER & SERV MAN FEB80 08662-90024 AUG81 08662-90025* 8L 01 04 13 USE 8662A FICHE 08662-90063
 OPER & SERV MAN FEB82 08662-90061 DEC83 08662-90063 8L 01 10 14 VOL 1 (08662-90031)
 OPER & SERV MAN FEB82 08662-90062 VOL 2 (08662-90062)
 MAN CHANGE JUL83 08662-90031
 MAN CHANGE-VOL I JUL83 08662-90062
 MAN CHANGE-VOL II JUL83 08662-90003
 SERV NOTE SET BELOW JUL85
 8662A-1 NOV79 WA SER 1850A00127 & BELOW.PREF REPL OF OUTPUT ATTEN
 8662A-2 JAN80 WO SER 1925A00170 & BELOW.IMPROVED PWR SUPPLY REL
 8662A-3 FEB81 WN SER 2021A00420 & BELOW.DCU ROM CHANGES & ASSY COMP TO IMPROVE PERF.
 8662A-4 JUN81 WO SER 2107A00680 & BELOW.RF OUTPUT CONN MOD
 8662A-5 DEC81 WO SER 1946A & BELOW.ATTEN CORREC MOD
 8662A-6 JUL82 WO SER 2201A00950 & BELOW.REF OSCILLATOR SHIELD
 8662A-7 MAR83 WA SER 2002A00298 & ABOVE;SER 2244A01143 & BELOW.MOD TO IMPR FM SPUR
 8662A-8-S APR83 WA SAFETY:SER 2301A01160 & BELOW.MOD TO CORR IMPROP GROUDNG OF FAN
 8662A-9 JAN84 WO SER 2340A & BELOW.MOD TO PREV LINE FUSE BLOWING DURNING 230 VAC OPER
 8662A-10 OCT84 WA SER 2424A & BELOW.MOD TO ADD INSULATORE TO PWR SUPPLY
 8662A-11 OCT84 WA SER 2411A01570 THRU 2424A01800.ADD INSULATOR TO ELIM SHORT ON 10 MHZ REF MOTHERBD
 8662A-12 DEC84 WA SER 2424A & BELOW.MOD TO IMPR LOW FREQ LOOP PERF & ELIM INTERM STATUS ERRORS 03/04
 8662A-13 JAN85 WA SER 2509A & BELOW.MOD TO PREV FUSE BLOW DURN PWR IN 230VAC MODE

8663A SERV NOTE SET BELOW JUL85
 8663A-1-S APR83 WA SAFETY:SER 2245A00110 & BELOW.MOD TO CORR IMPROP GROUDNG OF FAN
 8663A-2 JAN84 WO SER 2339A & BELOW.MOD TO PREV LINE FUSE BLOWING DURNING 230 VAC OPER
 8663A-3 SEP84 WA SER 2419A00405 & BELOW.REWORK SOLDER MOUNTS TO ELIM INTERM OPER
 8663A-4 OCT84 WA SER 2405A00301 THRU 2419A00435.ADD INSULATOR TO ELIM SHORT ON 10 MHZ REF MOTHERBD
 8663A-5 OCT84 WA SER 2419A & BELOW.MOD TO ADD INSULATORE TO PWR SUPPLY
 8663A-6 DEC84 WA SER 2419A & BELOW.MOD TO IMPR LOW FREQ LOOP PERF & ELIM INTERM STATUS ERRORS 03/04
 8663A-7 JAN85 WA SER 2507A & BELOW.MOD TO PREV FUSE BLOW DURN PWR IN 230VAC MODE

86631 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01

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9411A

94151A

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94169A

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86631A SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
 OPER NOTE MAR72 86631-90003 SEP85 86631-90009 8L 01 10 01

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8663A-3
8663A-4
8663A-5
8663A-6
8663A-7

SEP84 WA SER 2419AUU4U5 & BELOW.REWORK SOLDER MOUNTS TO ELIM INTERM OPER
OCT84 WA SER 2405A00301 THRU 2419A00435.ADD INSULATOR TO ELIM SHORT ON 10 MHZ REF MOTHERBD
OCT84 WA SER 2419A & BELOW.MOD TO ADD INSULATORE TO PWR SUPPLY
DEC84 WA SER 2419A & BELOW.MOD TO IMPR LOW FREQ LOOP PERF & ELIM INTERM STATUS ERRORS 03/04
JAN85 WA SER 2507A & BELOW.MOD TO PREV FUSE BLOW DURN PWR IN 230VAC MODE

86631 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

86631A SERV MAN OPER NOTE DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
MAR72 86631-90003 SEP85 86631-90009 8L 01 10 01

86631B SERV MAN OPER & SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
SERV NOTE SET BELOW JAN77 86631-90013 FEB77 86631-90014 8L 01 10 01
86631B-1 MAY73
JAN73 WA SER BELOW 1223A.MOD TO WINCHESTER CONNECTOR TO RED SUSCEPTIBILITY TO PIN DAMAGE

86632 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 04 01

86632A SERV MAN OPER & SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 04 02
MAN CHANGE JUN74 86632-90014 JUN75 86632-90015 01 04 03
SERV NOTE SET BELOW FEB75 86632-90014
86632A-1A MAY78
86632A-2 DEC72 WO SER BELOW 1238A.PROC TO INSTALL METER REPLACEMENT KITS
86632A-3 OCT72 WA SER BELOW 1214A.MOD TO IMPR FM CALIBRATION STABILITY
CONT'D JAN73 WA SER BELOW 1236A.MOD OF WINCHESTER CONNECTOR TO STRENGTHEN RF SOCKETS WITH
86632A-4 NEW RETAINER CLIPS
86632A-5 SEP73 WO SER BELOW 1318A.MOD OF FM SENSITIVITY RANGE FOR CORRECT OPERATION
86632A-6 DEC74 WO SER BELOW 1343A00660.FM CALIB CYCLING
NOV75 WO ALL SER.SUPPRESSION OF SPURIOUS OSCIL

86632B SERV MAN OPER & SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
OPER & SERV MAN DEC76 86632-90017 JUL78 86632-90019* 8L 01 10 02 USE 86632B FICHE 86632-90024
MAN CHANGE AUG81 86632-90022 MAY85 86632-90024 8L 01 10 02
SERV NOTE SET BELOW FEB85 86632-90022
86632B-1 APR85
86632B-2 FEB84 WO SER 2251A02245 & BELOW.A3 REMOTE ATTEN ASSY REPL
NOV84 WA SER 2422A & BELOW.MOD TO PREV INTERM PROG PROB

86633 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01

86633A SERV MAN OPER & SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
SEP74 86633-90004 NOV74 86633-90006 01 10 03

86633B SERV MAN OPER & SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
OPER & SERV MAN DEC75 86633-90007 OCT77 86633-90009* 8L 01 10 03 USE 86633B FICHE 86633-90012
MAN CHANGE SEP82 86633-90010 AUG85 86633-90012 8L 01 10 02
SERV NOTE SET BELOW DEC84 86633-90010
86633B-1 OCT81
JUN81 WO SER 1851A & BELOW.MOD TO PREVENT REMOTE PROGRAMMING CONTROLLER HANG-UP

86634 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01

86634A SERV MAN OPER & SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
OPER & SERV MAN FEB76 86634-90002 JUL78 86634-90004* 8L 01 10 02 USE 86634A FICHE 86634-90009
MAN CHANGE JUN78 86634-90007 DEC83 86634-90009 8L 01 10 02
JUL83 86634-90007

86635 SERV TRAINING MAN JUL77 08660-90072 AUG77 08660-90073 8L 01 10 01

86635A SERV MAN OPER & SERV MAN DEC77 08660-90070 JAN78 08660-90071 8L 01 10 02
OPER & SERV MAN APR77 86635-90005 FEB81 86635-90007* 8L 01 10 02 USE 86635A FICHE 86635-90010
OPER & SERV MAN NOV80 86635-90008 SEP84 86635-90010 8L 01 10 02

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86635A MAN CHANGE SERV NOTE SET BELOW JUL84 86635-90008 SEP84 86635-90010 8L 01 10 02
86635A-1 APR84
JAN84 WO SER 2306A00840 & BELOW.A3 REMOTE ATTEN ASSY REPL

8671A OPER & SERV MAN MAY78 08671-90006 MAY82 08671-90008* 8L 01 04 04 USE 8671A FICHE 08671-90011

9872A

86635	SERV TRAINING MAN	JUL77 08660-90072	AUG77 08660-90073	8L 01 10 01	
86635A	SERV MAN OPER & SERV MAN OPER & SERV MAN	DEC77 08660-90070 APR77 86635-90005 NOV80 86635-90008	JAN78 08660-90071 FEB81 86635-90007* SEP84 86635-90010	8L 01 10 02 8L 01 10 02 8L 01 10 02	USE 86635A FICHE 86635-90010

9872A	
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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***													
86635A		MAN CHANGE SERV NOTE SET BELOW 86635A-1	JUL84	86635-90008	SEP84	86635-90010	8L	01	10	02			
			JAN84	WO SER 2306A00840 & BELOW.A3	APR84						REMOTE ATTEN ASSY REPL		
8671A		OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV TRAINING MAN SERV NOTE SET BELOW 8671A-1	MAY78 JUN82 OCT84 FEB78 APR80	08671-90006 08671-90009 08671-90009 08672-90071 WN SER 2006A & BELOW.MOD TO IMPROVE PERF OF REF OSC	MAY82 FEB85 MAR78 JUL80	08671-90008* 08671-90011 08672-90072	8L	01	04	06	USE 8671A FICHE 08671-90011		
8672A		PRELIM OP & SV MAN OPER & SERV MAN OPER & SERV MAN SERV TRAINING MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8672A-1 8672A-2A 8672A-3 8672A-4A 8672A-5 8672A-6 CONT'D 8672A-7A 8672A-8 8672A-9 8672A-10A 8672A-12 8672A-15 CONT'D 8672A-16	FEB77 MAR78 JUN80 FEB78 MAR83 FEB85 SEP77 APR78 FEB78 SEP80 MAY79 MAY79 JUL81 APR80 APR80 SEP82 MAY82 AUG83 SEP83	08672-90001 08672-90058 08672-90063 08672-90071 08672-90086 08672-90086 WO SER BELOW 1725A00247.PREF REPL FOR CAP A2A11C20 WO SER BELOW 1719A.PREF REPL FOR 1853-0050 TRANS WO SER BELOW 1733A.IMP PRESET OPER WN ALL SER.RETROFITTING FRONT OR REAR PANEL RF OUTPUT WO ALL SER.EXCH ASSY FOR REF OSC WN ALL SER.MOD TO ALLOW EXT SIG GEN TO BE SUB FOR 20-30MHZ PHASE LOCK LOOP (OPT H04 RETROFIT) WN ALL SER.NEW PN FOR A1CR1 LEVELING DETECTOR WN SER 2006A & BELOW.MOD TO IMPROVE PERF OF REF OSC WN SER 1831A THRU 2007A.MOD TO IMPROVE AMP RECOVERY TIME WN ALL SER.PROC FOR INSTALL OPT 008 (GREATER PWR OUTPUT) WA ALL SER.FUSE RATING CHANGE FOR 220-240 VAC OPER WN ALL SER.RETROFIT KIT TO MOD 8672A FOR COMPAT WITH 86720A SUPERSEDES 8672A-11 & 8672A-13 WA SER 2311A03100 TO 2311A03200.MISLOAD PWR SUPPLY FILTR CAP	JAN78 MAY80 MAY83 MAR78 JUN85 APR84	08672-90011* 08672-90060* 08672-90065* 08672-90072 08672-90088	8L	01	04	06	07	07	USE 8672A FICHE 08672-90060 USE 8672A FICHE 08672-90065 USE 8672A FICHE 08672-90088 SEE TITLE PAGE FOR OPTIONS COVERED
8672A-E24		OPER & SERV MAN	JUN82	08672-90075	JAN83	08672-90076*	8L	01	04	02	USE 8672S/86720A FICHE 86720-90002		
8672A-K22		OPER & SERV MAN	JUN82	08672-90075	JAN83	08672-90076*	8L	01	04	02	USE 8672S/86720A FICHE 86720-90002		
8672A-008		MAN SUPP MAN SUPP MAN CHANGE	JUN80 DEC83 JAN85	08672-90067 08672-90104 08672-90104	MAY81 JUN85	08672-90068* 08672-90105	8L	01	04	01	INCLUDED IN FICHE 08672-90063		
8672S		OPER & SERV MAN MAN CHANGE	AUG83 JAN84	86720-90001 86720-90001	MAR84	86720-90002	8L	01	04	03			
86720A		OPER & SERV MAN MAN CHANGE	AUG83 JAN84	86720-90001 86720-90001	MAR84	86720-90002	8L	01	04	03			
8673A		SERV NOTE SET BELOW 8673A-1	MAY84	WA ALL SER.IMPR KEY CODE DEBOUNCING	OCT84								
8673B		SERV NOTE SET BELOW 8673B-1 8673B-2	MAY84 DEC84	WA SER 2416A & BELOW.IMPR KEY CODE DEBOUNCING WA SER 2447A & BELOW.FIRMWARE UPDATE KIT	JUL85								

9872A	7 7 7 7
9872B/S	9 7 9
9872C/T	9 9 7
9874A	9 9
999C-K04	0

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8673C		SERV NOTE SET BELOW 8673C-1 8673C-2	MAY84 DEC84	WA SER 2332A & BELOW.IMPR KEY CODE DEBOUNCING WA SER 2452A & BELOW.FIRMWARE UPDATE KIT	JUL85						
8673D		SERV NOTE SET BELOW 8673D-1 8673D-2	MAY84	WA SER 2332A & BELOW.IMPR KEY CODE DEBOUNCING	JUL85						

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8673B

SERV NOTE SET BELOW
8673B-1
8673B-2JUL85
MAY84 WA SER 2416A & BELOW.IMPR KEY CODE DEBOUNCING
DEC84 WA SER 2447A & BELOW.FIRMWARE UPDATE KIT

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8673C	SERV NOTE SET BELOW 8673C-1 8673C-2	MAY84 WA SER 2332A & BELOW.IMPR KEY CODE DEBOUNCING DEC84 WA SER 2452A & BELOW.FIRMWARE UPDATE KIT	JUL85				
8673D	SERV NOTE SET BELOW 8673D-1 8673D-2	MAY84 WA SER 2332A & BELOW.IMPR KEY CODE DEBOUNCING DEC84 WA SER 2449A & BELOW.FIRMWARE UPDATE KIT	JUL85				
8683A	OPER & SERV MAN MAN CHANGE SERV TRAINING MAN SERV NOTE SET BELOW 8683A-1 8683A-2	MAY84 08683-90023 FEB85 08683-90023 MAR83 08684-90032 OCT82 WO SER 2208A & BELOW.IMPR OF PULSE OVERSHOOT APR83 WN ALL SER.RETROFIT OPT 002,REVERSE PWR PROT	JUN85 08683-90024 MAY83 08684-90035 JUL83	8L 01 04 04 8L 01 04 01			
8683B	OPER & SERV MAN SERV TRAINING MAN SERV NOTE SET BELOW 8683B-1	APR85 08683-90026 MAR83 08684-90032 MAR83 WO ALL SER.RF OUTPUT ASSY KIT INSTAL	JUL85 08683-90027 MAY83 08684-90035 JUL83	8L 01 04 04 8L 01 04 01			
8683D	OPER & SERV MAN	APR85 08683-90020	JUL85 08683-90030	8L 01 04 04			
8684A	SERV TRAINING MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8684A-1 8684A-2 8684A-3	MAR83 08684-90032 MAR84 08684-90042 DEC84 08684-90042 JUL82 WO SER 2203A & BELOW.NEW CABLES REQUIRED WHEN A14 OSCILLATOR REPLACED AUG82 WO SER 2210A & BELOW.IMPROV OF PULSE OVERSHOOT MAY83 WN ALL SER.RETROFITNG OPT 002,REVERSE PWR PROT	MAY83 08684-90035 JUN85 08684-90044 JUL83	8L 01 04 01 8L 01 04 04			
8684B	SERV TRAINING MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8684B-1 8684B-2 8684B-3	MAR83 08684-90032 SEP84 08684-90037 MAR85 08684-90037 OCT85 JUL82 WO SER 2201A & BELOW.NEW CABLES REQUIRED WHEN A14 OSCILLATOR REPLACED MAR83 WO ALL SER.RF OUTPUT ASSY KIT FEB85 WO ALL SER.PWR AMPLF OSCIL TRBLSHTG HINT	MAY83 08684-90035 APR85 08684-90046	8L 01 04 01 8L 01 04 04			
8684D	OPSER & SERV MAN	DEC84 08684-90038	MAY85 08684-90051	8L 01 04 04			
8690A	OPER & SERV MAN MAN CHANGE OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8690A-2A CONT'D 8690A-3 8690A-4 8690A-5 8690A-6 8690A-7 8690A-8 8690A-9 8690A-10/8690B-1	JAN67 08690-90005 APR68 08690-90005 APR68 08690-90006 AUG69 08690-90006 MAY78 MAR69 WO SER BELOW 732-01261.MOD TO IMPR TIME & TEMP STAB OF RECIPROCAL AMPLFR.SUPER SER NOTE 8690A-1,8690A-2 MAR69 WO ALL SER. PREF REPL FOR A1Q2 TRANS MAR69 WO ALL SER. PREF REPL FOR S4 TO S8 MAR69 WO SER BELOW 732-01311.MOD TO REDUCE FAN NOISE NOV67 SER BELOW 747-01711.MOD TO PERMIT OPERATION WITH 8706A & 8707A NOV67 SER BELOW 641-00261.MOD TO PERMIT OPER WITH RF UNITS WITH SER ABOVE 724 MAY68 WA SER 803-ONLY.REC FOR PEN LIFT RELAY A9K1 JUN68 SER BELOW 717-00911.IMPR PWR SUPPLY RELIABILITY & SQUARE WAVE SYMMETRY MAR68 WA SER 803-02061 TO 818-02430.PROCEDURE FOR INSTAL OF A MISSING CONNECTION	OCT70 08690-90014 OCT70 08690-90015 MAY78	01 45 05 FOR SERIAL PFXES 747- & BELOW 01 45 05 FOR SERIAL PFXES 803- & ABOVE			

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8690A	8690A-11/8690B-2 8690A-12A 8690A-13 8690A-14A/8690B-10A 8690A-U-14A/ 8690B-U-10A 8690A-15 8690A-16	MAR69 WO ALL SER.REC TUBE REPLACEMENT MAY73 WN ALL SER.REPL OF CAPACITORS CONTAININ; PCB MAR74 WN REC REPL FOR A8C4 & A8C5 OCT75 WN 8690A ALL SER;8690B SER BELOW 1349A. THERMAL PROC SWITCH MOD KIT FEB76 WN 8690A ALL SER;8690B SER BELOW 1250U. THERMAL PROC SWTCH MOD KIT OCT75 WO ALL SER.MOD TO PREV OSCIL IN +275V & -300V POWER SUPPLIES JAN77 WO ALL SER.A 10 SWEEP GENERATOR IMPR				
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8690A-9
8690A-10/8690B-1

MAR68 WA SER 803-02061 TO 818-02430. PROCEDURE FOR INSTAL OF A MISSING CONNECTION
MAR68 WA SER 803-02061 TO 818-02430. PROCEDURE FOR INSTAL OF A MISSING CONNECTION

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8690A	8690A-11/8690B-2	MAR69	WO	ALL	SER.REC TUBE REPLACEMENT					
	8690A-12A	MAY73	WN	ALL	SER.REPL OF CAPACITORS CONTAININ; PCB					
	8690A-13	MAR74	WN	REC	REPL FOR A8C4 & A8C5					
	8690A-14A/8690B-10A	OCT75	WN	8690A	ALL SER;8690B SER BELOW 1349A. THERMAL PROC SWITCH MOD KIT					
	8690A-U-14A/ 8690B-U-10A	FEB76	WN	8690A	ALL SER;8690B SER BELOW 1250U. THERMAL PROC SWTCH MOD KIT					
	8690A-15	OCT75	WO	ALL	SER.MOD TO PREV OSCIL IN +275V & -300V POWER SUPPLIES					
	8690A-16	JAN77	WO	ALL	SER.A 10 SWEEP GENERATOR IMPR					
8690B	OPER & SERV MAN MAN CHANGE MAN CHANGE UK SERV NOTE SET BELOW	MAY72	08690-90018	MAR85	08690-90019	8L	01	45	04	
	8690A-10/8690B-1	MAR68	WA	SER 803-02061 TO 818-02430.	PROC FOR INSTAL OF A MISSING CONNECTION					
	8690A-11/8690B-2	MAR69	WO	ALL	SER.REC TUBE REPLACEMENT					
	8690B-3/8699B-1/ 8690B-1	DEC69	WN	TIGHTENING	VOLTAGE ADJ TOLERANCES					
	8690B-U-3			NOT	AVAILABLE					
	8690B-4	JAN70	WO	SER	BELOW 921-00101.REC REPL FOR A14Q3 AND A3R63					
	8690B-5	MAR71	WN	SER	BELOW 1950A07191.MOD TO IMPR LINE SYNC TRIGGERING					
	8690B-6	JAN72	WO	SER	BELOW 1124A.MOD TO IMPR REL					
	8690B-7	FEB73	WO	REPL	OF CAPACITORS CONTAINING PCB					
	8690B-U-7	APR73	WO	SER	BELOW 1250U-00998.REPL OF CAPACITOR CONTAINING PCB					
	8690B-8	MAR74	WO	SER	1114A02461 TO 1202A04345.REC REPL FOR A8R14					
	8690B-U-8	MAY74	WO	SER	1130U0079 TO 1250U01078.REC REPL FOR A8R14					
	8690B-9	MAR74	WO	SER	BELOW 1202A.REC REPL FOR A8C4 AND A8C5					
	8690A-14A/8690B-10A	OCT75	WN	8690A	ALL SER;8690B SER 1349A & BELOW.THERMAL PROC SWITCH MOD KIT					
	8690A-U-14A/ 8690B-U-10A	FEB76	WN	8690A	ALL SER;8690B SER BELOW 1250U.THERMAL PROC SWTCH MOD KIT					
	8690B-11	OCT75	WO	SER	BELOW 1445A.MOD TO PREV OSCIL IN +275V AND -300V POWER SUPPLIES					
	8690B-U-11	JAN76	WO	SER	BELOW 1524U.MOD TO PREV OSCIL IN +275V AND -300V POWER SUPPLIES					
	8690B-12-S	FEB76	WA	SAFETY.	SER 95901651 THRU 95901901. MOD TO ELIMINATE SAFETY HAZARD					
	8690B-13	JAN77	WO	SER	BELOW 1646A.A 10 SWEEP GEN IMPR					
8691-8699	SERV NOTE SET BELOW	JAN84								
	8691A-1	JUL68	WN	INSTAL	OF SHUNT TUBE MODULATOR					
	8691-4A-1/8695-7A-2	MAR69	WO	SER	715- TO 835-.MOD FOR IMPR REL AND ADDED BWO PROTECTION					
	8691-4A/B-2/ 8695-7A-2	APR69	WO	8691-4A	SER BELOW 835-01406;8695-7A SER BELOW 835-00481.MOD TO RED RESIDUAL AM					
	8691-4A-7/8695-7A-6	FEB70	WO	8691-4A	SER BELOW 916-02256;8695-7A SER BELOW 916-00616.MOD TO RED RESIDUAL FM					
	8691-4A-8B, 8695-7A-7B AND 8691-5B-6B	AUG79	WO	ALL	SER.PREF BWO REPLACEMENT					
	8692-4A/B-1	JUL68		INSTAL	OF SHUNT TUBE MOD KIT IN RF UNITS 8692A,8692B,8693A,8694A,8694B					
	8692-9A-9-S	MAR76	WA	SER	BELOW 1210A07405.REV TO MINIMIZE POT SHOCK HAZARD.SUPER SER 8692-4A-8/8695-7A-7					
	8693-7A-1	JUL68	WN	INSTAL	OF SHUNT TUBE MOD IN RF UNITS WITH VARIAN BWO'S					
	8693B-1	JUL68		SUPERSEDED	BY 8693A/B-2;8694A/B-1;8695A/B-1					
	8693A/B-2	JUL83	WO	SPECIAL	REPL BWC					
	8694A/B-1	JUL83	WO	SPECIAL	REPL					
	8695A/B-1	JUL83	WO	SPECIAL	REPL					
	8695-97A-8-S	JAN76	WA	SER	BELOW 1210A07405.ELIM BWO POT SHOCK HAZARD.SUPER SER NOTE 8692-4A-8/8695-7A-7					
	8698B-1	NOV72	WO	SER	BELOW 1142A00910.REC REPL FOR A5A1Q1 ACD A5A1Q3					
	8690B-3/8699B-1/ 8698B-1	DEC69	WN	TIGHTENING	VOLTAGE ADJ TOLERANCES					
	8699B-2	JAN70	WO	SER	BELOW 919-00331.REC POT REPL					

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8691-8699	8699B-3	OCT71	WO	SER	BELOW 1105A01416.TRANST SUPPRES FILTR TO PROTECT YIG OSCIL					
	8699B-4A	AUG78	WO	SER	BELOW 1406A02325.REPL FOR E4 PWR AMPLIFIER					
	8699B-5A	AUG78	WN	SER	1441A & BELOW.REC A3 YIG OSC REPL KIT.					
8691A	OPER & SERV MAN MAN CHANGE	NOV68	08691-90021	JAN85	08691-90031	8L	01	45	02	
8691A-H01	OPER & SERV MAN MAN CHANGE	NOV68	08691-90021	JAN85	08691-90031	8L	01	45	02	

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8691-8699 8699B-3 OCT71 WO SER BELOW 1105A01416.TRANST SUPPRES FILTR TO PROTECT YIG OSCIL
8699B-4A AUG78 WO SER BELOW 1406A02325.REPL FOR E4 PWR AMPLIFIER
8699B-5A AUG78 WN SER 1441A & BELOW.REC A3 YIG OSC REPL KIT.

8691A OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8691A-H01 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8691A-H02 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8691B OPER & SERV MAN OCT79 08691-90022 JAN85 08691-90026 8L 01 45 02
MAN CHANGE FEB83 08691-90022

8692A OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8692A-H01 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8692A-H02 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8692B OPER & SERV MAN OCT79 08691-90022 JAN85 08691-90026 8L 01 45 02
MAN CHANGE FEB83 08691-90022

8692C OPER & SERV MAN APR70 08692-90012 JUL72 08692-90018 01 45 02
MAN CHANGE JUL70 08692-90012

8693A OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8693A-E09 OPER NOTE JAN74 08693-90015 JAN85 08693-90016 8L 01 45 01

8693A-H01 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8693A-H02 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8693B OPER & SERV MAN OCT79 08691-90022 JAN85 08691-90026 8L 01 45 02
MAN CHANGE FEB83 08691-90022

8694A OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8694A-E09 OPER NOTE JAN74 08693-90015 JAN85 08693-90016 8L 01 45 01

8694A-H01 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

8694A-H02 OPER & SERV MAN NOV68 08691-90021 JAN85 08691-90031 8L 01 45 02
MAN CHANGE NOV75 08691-90021

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8694B OPER & SERV MAN OCT79 08691-90022 JAN85 08691-90026 8L 01 45 02
MAN CHANGE FEB83 08691-90022

8695A OPER & SERV MAN MAY73 08695-90015 JAN85 08695-90016 8L 01 45 02
MAN CHANGE FEB83 08695-90015

8695A-E09 OPER NOTE JAN74 08693-90015 JAN85 08693-90016 8L 01 45 01

8695B OPER & SERV MAN OCT79 08691-90022 JAN85 08691-90026 8L 01 45 02
MAN CHANGE FEB83 08691-90022

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8706A	8706A-2A/8707A-5A	JUL69	WO SER BELW 903-00341				MOD TO RED RESI AM
8706A-H25	OPER & SERV MAN MAN CHANGE MAN SUPP H25-8706A	FEB68 NOV71 SEP71	08706-90003 08706-90003 08706-90003	MAR72	08706-90004	01 45 04	
8707A	OPER & SERV MAN MAN CHANGE MAN SUPP H25-8706A SERV NOTE SET BELOW 8707A-1 8707A-2 8707A-3 8707A-4 8706A-2A/8707A-5A CONT'D 8707A-6 8707A-7 CONT'D	FEB68 NOV71 SEP71 MAY68 APR69 APR69 JUL69 JAN70 JAN72	08706-90003 08706-90003 08706-90003 WA SER BELOW 815-00231 NOT AVAILABLE WO INSTAL OF MAGNETIC SHIELD FOR IMPR RELAY OPERATION WO SER BELOW 802-00230 8706A SER BELOW 903-00341 8707A SER BECOW 903-00301 MOD TO IMPR RESIDUAL FM WITH 8698B & 8699B RF UNITS INSTALLED MOD TO IMPR POWERLEVEL REGULATION MOD TO IMPR RELIABILITY OF UNITY GAIN FOLLOWER CIR. SUPERSEDES 8707A-1 & 8707A-4	MAR72	08706-90004	01 45 04	
8708A	OPER & SERV MAN SERV NOTE SET BELOW 8708A-1 8708A-2 8708A-3 8708A-4-S	JAN73 MAR67 MAR68 JUL68 AUG75	08708-90022 SER BELOW 707-00276 WA SER BELOW 806-00526 WN SER BELOW 806-00676 WA SAFETY.SER 1220A01671 THRU 1220A01685	MAR73 MAY78	08708-90023	01 04 03	CHANGE A21Q1.PREF REPL FOR A21Q3,A21Q4,& A21Q6 MOD TO INCR PULSE BALANCE RANGE REC TRANS REPL ELIMINATION OF POTENTIAL SHOCK HAZARD
8709A	OPER & SERV MAN MAN CHANGE	JUN69 MAR85	08709-90004 08709-90004	APR85	08709-90006	8L 01 45 03	
8709B	OPER & SERV MAN MAN CHANGE	JUN82 MAR85	08709-92003 08709-92003	MAY85	08709-92004	8L 01 45 03	
8714A	OPER & SERV MAN SERV NOTE SET BELOW 8714A-1A	MAY66 OCT63	08714-903 SER ABOVE 236-00146	JAN78 MAY78	08714-90004	8L 01 04 02	REAR PANEL CONVERSION
8716A	OPER & SERV MAN	MAY66	08714-903	JAN78	08714-90004	8L 01 04 02	
8717A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8717A-1 8717A-2A-S 8717A-3 8717A-4A-S 8717A-5	JUN69 JAN71 AUG69 JAN76 AUG69 JAN76 SEP69	08717-90005 08717-90005 WN INSTAL OF OPTION 001 WA SAFETY.SER 91700111 & BELOW WA SER BELOW 917-00121 WA SAFETY.SER 92700141 & BELOW WO SER BELOW 927-00141	OCT71 MAY78	08717-90008	01 45 04	ELIMINATION OF POTENTIAL SHOCK HAZARD MOD FOR IMPR REL ELIMINATION OF POTENTIAL SHOCK HAZARD MOD TO REPLACE A2 AND A9 BOARDS
8717B	OPER & SERV MAN MAN CHANGE OVERALL SCHEM OPER & SERV MAN	SEP73 JUN85 SEP73 JUN85	08717-90012 08717-90012 08717-90015 08717-90024	AUG85	08717-90013	8L 01 04 04	
872A	OPER NOTE	AUG66	00872-90001	JUN70	00872-90002	01 04 01	

8721A

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8721A		OPER NOTE	JUN80	11652-90002	OCT85	11652-90005	8L	01	45	01					
8721A-008		OPER NOTE	DEC83	11652-90006	OCT85	11652-90007	8L	01	45	01					
8728B		OPER & SERV MAN MAN CHANGE OVERALL SCHEM	JAN73 APR74 JAN73	08728-90004 08728-90004 08728-90007	NOV84	08728-90005	8L	01	45	02					
8730A SER		OPER NOTE	APR69	08731-90005	OCT77	08731-90006*	8L	01	04	01	USE 8731A/B-5A/B FICHE 08731-90012				
8730B SER		OPER NOTE	APR69	08731-90005	OCT77	08731-90006*	8L	01	04	01	USE 8731A/B-5A/B FICHE 08731-90012				
8731A		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8731B		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8732A		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8732B		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8733A		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8733B		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8734A		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8734B		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8735A		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8735B		OPER & SERV MAN	JUL78	08731-90011	NOV78	08731-90012	8L	01	04	01					
8740A		OPER NOTE SERV NOTE SET BELOW 8740-1	JUN72 NOV72	08740-90010 WO ALL SER. RESONANCE RED AT RF INPUT CONNECTOR	JAN85 MAY78	08740-90011	8L	01	45	01					
8741A		OPER NOTE	JUL72	08741-90006	JAN85	08741-90007	8L	01	45	01					
0742A		OPER NOTE MAN CHANGE	JUN70 AUG73	08742-90008 08742-90008	JAN85	08742-90009	8L	01	45	01					
8743A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8743A-1A 8743A-2	JUL72 JAN77	08743-90010 08743-90010	JAN85 MAY78	08743-90011	8L	01	45	02					
			JUN70 JUN70	WO RF TRBLSHTG INFO & COAX SWTCH PROC WO SER BELOW 968-00360. REC REPL FOR A3Q3 AND A3Q4											
8743B		OPER & SERV MAN MAN CHANGE	AUG81 JUN84	08743-90040 08743-90040	MAR85	08743-90042	8L	01	45	02					
8744A		PRELIM OP & SERV MN	MAR69	08744-90005	OCT71	08744-90007				01 45 02					
8745A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	FEB82 JAN85	08745-90009 08745-90009	AUG85 JAN79	08745-90011	8L	01	45	02					

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8742A	OPER NOTE MAN CHANGE	JUN70 08742-90008 AUG73 08742-90008	JAN85 08742-90009	8L 01 45 01
8743A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8743A-1A 8743A-2	JUL72 08743-90010 JAN77 08743-90010 JUN70 WO RF TRBLSHTG INFO & COAX SWTCH PROC JUN70 WO SER BELOW 968-00360.REC REPL FOR A3Q3 AND A3Q4	JAN85 08743-90011	8L 01 45 02
8743B	OPER & SERV MAN MAN CHANGE	AUG81 08743-90040 JUN84 08743-90040	MAR85 08743-90042	8L 01 45 02
8744A	PRELIM OP & SERV MN	MAR69 08744-90005	OCT71 08744-90007	01 45 02
8745A	OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW	FEB82 08745-90009 JAN85 08745-90009	AUG85 08745-90011	8L 01 45 02
			JAN79	

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1641U & ABOVE

1536U & BELOW

1641U & ABOVE

HP CIR & POT

GE CIRCUITRY
RCUITRY

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MOD OSCIL

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8745A		8745A-1 8745A-2A-S	FEB70 JAN76	WO REPLACEMENT OF A3Q11,12,13,AND 14 WA SAFETY.SER 0978A00050 THRU 1142A01165.							ELIMINATION OF POTENTIAL SHOCK HAZARD
8746B		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8746B-1	AUG71 AUG84	08746-90007 08746-90007		AUG85 08746-90008	8L	01	45	03	
					JAN81						
			OCT80	WO SER 1521A00570 & BELOW.							MOD TO MINIMIZE SW DRIVER CIRC OSC
8748A		OPER & SERV MAN	OCT79	08748-90001		JAN80 08748-90002	8L	01	45	02	
8750A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8750A-2/8565A-3 CONT'D 8750A-3-S 8750A-4C 8750A-5 8750A-6 8750A-7 8750A-9	FEB80 JUN85	08750-90016 08750-90016		AUG85 08750-90017	8L	01	45	04	
					APR83						
			OCT78	WA SER 1808A & BELOW.IMPROV OF 8750A HORIZ GAIN CONTROL RANGE WHEN USED WITH THE 8565A SPECTRUM ANALYZER.							
			MAY78	WA SAFETY.SER 1808A00510 & BELOW.ELIM OF POTENTIAL SAFETY HAZARD							
			JUL82	WO SER 1808A & BELOW.SELECT RES FOR USE WITH OPT 003 & 004 DEDICATED INTERFACE CARDS.							
			OCT78	WN ALL SER.REC 220V/240V LINE VOLTAGE FUSE REPL.							
			JAN79	WN ALL SEP.8750A/8410B MULTI-OCTAVE GLITCHES EXPLAINED.							
			FEB79	WA SER 172A & BELOW.REC MOD TO IMPROVE PENLIFT TIMING DURING RETRACE							
			MAY79	ALL SER.W2 DIGITAL INTERFACE CABLE ASSY.							
8754A		OPER & SERV MAN OPER INFO SUPP SERV NOTE SET BELOW 8754A-1A 8754A-3	MAY79 MAY79	08754-90015 08754-90016		AUG79 08754-90017	8L	01	45	08	
					JAN80						
			SEP79	WO SER 1825A00175 & BELOW.REC INSTALL OF HEAT SINK INSULATOR FOR A7 SOURCE ASSY BD							
			AUG79	WO SER 1914A00325 & BELOW.REC REPL OF IC A1209 IN EVENT OF XTAL MARKER FAILURE							
8754A-h26		MAN SUPP	JAN80	08754-90019		APR80 08754-90021	8L	01	45	01	
8755A		OPER & SERV MAN	APR74	08755-90015		JUN75 08755-90016*	01	45	03		USE 8755B FICHE 08755-90071
8755B		OPER & SERV MAN	APR80	08755-90070		JUN80 08755-90071	8L	01	45	03	
8755C		OPER & SERV MAN MAN CHANGE	JUL80 MAY85	08755-90073 08755-90073		JUL85 08755-90074	8L	01	45	03	
8755L		OPER NOTE	OCT72	08755-90009		JUL73 08755-90010*	01	45	01		USE 8755B FICHE 08755-90071
8755M		OPER NOTE	OCT72	08755-90009		JUL73 08755-90010*	01	45	01		USE 8755B FICHE 08755-90071
8755P		OPER & SERV MAN MAN CHANGE	MAR81 FEB83	08755-90085 08755-90085		MAR85 08755-90086	8L	01	45	02	
8756A		OPER & SERV MAN MAN CHANGE ADDENDUM	APR83 MAR85 MAR85	08756-90001 08756-90001 08756-90001		AUG85 08756-90002	8L	01	45	10	
8756S		INSTALL & SERV MAN MAN CHANGE SITE PREP & INSTALL MAN CHANGE	OCT83 DEC83 OCT83 DEC83	08756-90014 08756-90014 08756-90031 08756-90031		MAR85 08756-90015	8L	01	45	01	
						MAR85 08756-90032	8L	01	45	01	
8757A		OPER MAN MAN CHANGE	MAR85 APR85	08757-90001 08757-90001		OCT85 08757-90002	8L	01	45	03	

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MODEL NUMBER	OPER & SERV MAN	MAN CHANGE	DATE	FIGURE	FIGURE PART NUMBER	M	P	D	P		
8755P	OPER & SERV MAN	MAN CHANGE	MAR81	08755-90085	MAR85	08755-90086	8L	01	45	02	
8756A	OPER & SERV MAN	MAN CHANGE	APR83	08756-90001	AUG85	08756-90002	8L	01	45	10	
8756S	INSTALL & SERV MAN	MAN CHANGE	OCT83	08756-90014	MAR85	08756-90015	8L	01	45	01	
			DEC83	08756-90014							
			OCT83	08756-90031	MAR85	08756-90032	8L	01	45	01	
8757A	OPER MAN	MAN CHANGE	MAR85	08757-90001	OCT85	08757-90002	8L	01	45	03	

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DESCRIPTION ***

& REC A12 REPL

OPER & SER MAN
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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M	P	D	P	PAGE 393
			*** DESCRIPTION ***			*** DESCRIPTION ***			*** DESCRIPTION ***		
8757A		ADDENDUM	AUG85	08757-90001	OCT85	08757-90002	8L	01	45	03	
880A		INSTRUCT & OPER MAN MAN CHANGE	JAN00	00880-93001	NOV72	5951-6251	8L	01	21	01	
881A		OPER & SERV MAN	OCT65	00881-90001	AUG81	5080-5780	8L	01	21	01	
8821A		SERV NOTE SET BELOW 8821A-1 8821A-2A	MAY70	WO SER BELOW 00122	JAN79	MOD OF AMPLF CIR TO ELIMINATE OSCILLATIONS					
			DEC70	WA SER BELOW 00146		WARNING ABOUT FUSE REPLACEMENT					
885A		OPER NOTE SERV NOTE SET BELOW 885A-1A	AUG72	00885-90015	OCT72	00885-90016	01	04	01		
			APR69	PHASE SHIFTER CALIBRATION TECHNIQUE	APR79						
8864A		SERV NOTE SET BELOW 3964A-1/8864A-1 3964A-2/8864A-2 3964A-3/8864A-3 3964A-4/8864A-4 CONT'D 3964A-5/8864A-5/ 3963A-5/8868A-5 3964A-6A/8864A-6A/ 3968A-7A/8868A-7A 3964A-7/8864A-7/ 3968A-8/8868A-8 3964A-8/8864A-8/ 3968A-9/8868A-9 3964A-9/8864A-9	JUL76	WO SER BELOW 1620A	OCT85	MOD TO IMPR FM TAPE SERVO					
			JUL76	WO SER BELOW 1624A		REPLACE OLD 1.25A FSE WITH 1.5A FUSE					
			JUL76	WO SER BELOW 1625A		WIRING CHANGE TO MOTOR DRIVERS/+5V(A)REGULATOR PCA(A2)					
			OCT76	WA SER 1620A00101 TO 1620A00114;16;18 TO 1625A00131;33 TO 37;39,40;1629A00142 TO 48;51, 54.MOD TO IMPR RECORD/REPROD HEAD PHASE CORRECTION							
			OCT76	WN SER BELOW 1629A		IMPR REEL MOTORS					
			AUG85	WN SER BELOW 1702A		IMPR PWR SWITCH					
			APR77	WO ALL SER.CALIBRATOR OUTPUT SHORTS							
			APR77	WN ALL SER.FLD EFF TRANS LEAD CONFIGRTN							
			AUG77	WN ALL SER.OPERATOR INFORMATION							
8868A		SERV NOTE SET BELOW 3968A-1A/8868A-1A 3968A-2/8868A-2 3968A-3/8868A-3 3968A-4/8868A-4 3964A-5/8864A-5/ 3968A-5/8868A-5 3968A-6/8868A-6 3964A-6A/8864A-6A/ 3968A-7A/8868A-7A 3964A-7/8864A-7/ 3968A-8/8868A-8 3964A-8/8864A-8/ 3968A-9/8868A-9 3968A-10/8868A-10 A 3968A-13/8868A-11 3968A-14/8868A-12 3968A-15/8868A-13 3968A-16A/8868A-14A	JUL76	WO SER BELOW 1622A	OCT85	MOD TO IMPR FM PERF					
			MAY76	WO SER BELOW 1617A		MOD TO IMPR RECORD AND FAST REVERSE BUTTON ILLUMINATION					
			JUL76	WO SER BELOW 1624A		REPL OLD 1.25A FUSE WITH 1.5A FUSE					
			JUL76	WO SER BELOW 1626A		WIRING CHANGE TO MOTOR DRIVERS/+5V(A)REGULATOR PCA(A2)					
			OCT76	WO SER BELOW 1629A		IMPR REEL MOTORS					
			NOV76	WO SER BELOW 1637A		MOD TO IMPR FM TAPE SERVO					
			AUG85	WN SER BELOW 1702A		IMPR PWR SWITCH					
			APR77	WO ALL SER.CALIBRATOR OUTPUT SHORTS							
			APR77	WN ALL SER.FIELD EFFECT TRANS LEAD CONFIGURATION							
			UG77W	N ALL SER.OPERATOR INFORMATION							
			JAN78	WN SER BELOW 1637A		FM BACKDATING SUPP					
			MAY78	WO SER 1715A THRU 1748A		MOD TO INCREASE A24F6 FUSE TO 2.5 AMPS					
			JUN78	WN ALL SER.REC PROC FOR ELIM OF NOISE IN COMBINED FLUTTER COMP & TAPE SERVO MODE							
			JAN79	WO SER 1715A THRU 1814A		REC MOD OF A24 F1 & F2 TO 5 AMPS					
8875A		SERV NOTE SET BELOW 8875-1	MAY70	WO REC REPL FOR A29101 & A29102	OCT78						
890A		OPER & SERV MAN	JAN66	00890-90001	SEP81	00890-90002	8L	01	21	01	

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LOW
0-90199

3964A-7/8864A-7/ APR77 WO ALL SER.CALIBRATOR OUTPUT SHORTS
3968A-8/8868A-8
3964A-8/8864A-8/ APR77 WN ALL SER.FIELD EFFECT TRANS LEAD CONFIGURATION
3968A-9/8868A-9
3968A-10/8868A-10 A UG77W N ALL SER.OPERATOR INFORMATION
3968A-13/8868A-11 JAN78 WN SER BELOW 1637A.FM BACKDATING SUPP
3968A-14/8868A-12 MAY78 WO SER 1715A THRU 1748A.MOD TO INCREASE A24F6 FUSE TO 2.5 AMPS
3968A-15/8868A-13 JUN78 WN ALL SER.REC PROC FOR ELIM OF NOISE IN COMBINED FLUTTER COMP & TAPE SERVO MODE
3968A-16A/8868A-14A JAN79 WO SER 1715A THRU 1814A.REC MOD OF A24 F1 & F2 TO 5 AMPS

8875A SERV NOTE SET BELOW OCT78
8875-1 MAY70 WO REC REPL FOR A29101 & A29102

890A OPER & SERV MAN JAN66 00890-90001 SEP81 00890-90002 8L 01 21 01

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

890A MAN CHANGE OCT71 00890-90001 SEP81 00890-90002 8L 01 21 01
SERV NOTE SET BELOW JAN85
890A-1-S AUG84 WA SAFETY.ALL SER.NOTIF OF POSS SHOCK HAZ

890AX OPER & SERV MAN JAN66 00890-90001 SEP81 00890-90002 8L 01 21 01
MAN CHANGE OCT71 00890-90001

8900A INSTRUCT MAN DEC63 08900-90008 OCT84 5951-6105 8L 01 21 01

8900B OPER & SERV MAN MAY66 08900-90208 MAY81 08900-91202 8L 01 04 01
MAN CHANGE FEB81 08900-90208
INSTRUCT MAN DEC63 08900-90008 OCT84 5951-6105 8L 01 04 01

8900C OPER & SERV MAN OCT84 08900-90229 JAN85 08900-90230 8L 01 04 02

8900D OPER & SERV MAN MAY85 08900-90233 JUL85 08900-90234 8L 01 04 02

8901A OPER & SERV MAN JAN80 08901-90033 MAR85 08901-90034 8L 01 10 09
OPER MAN OCT82 08901-90031
MAN CHANGE JAN85 08901-90031
SERV MAN MAR80 08901-90032
MAN CHANGE JAN85 08901-90032
SERV NOTE SET BELOW JUL83
8901A-1A FEB83 WN SER 2032A & BELOW.SOFTWARE CHANGE SUMMARY
8901A-2-S MAY83 WA SAFETY:SER 2251A & BELOW.MOD TO CORREC IMPROPER GROUND OF FAN ASSY

8901A-001 OPER & SERV MANS JAN00 08901-90033 AUG81 08901-90034 8L 01 10 08 OPER MAN DTD JAN80/SERV MAN DTD MAR80
MAN CHANGE A AUG81 08901-90033 CHANGES FOR OPER MAN
MAN CHANGE B AUG81 08901-90033 CHANGES FOR SERV MAN

8901A-002 OPER & SERV MANS JAN00 08901-90033 AUG81 08901-90034 8L 01 10 08 OPER MAN DTD JAN80/SERV MAN DTD MAR80
MAN CHANGE A AUG81 08901-90033 CHANGES FOR OPER MAN
MAN CHANGE B AUG81 08901-90033 CHANGES FOR SERV MAN

8901A-003 OPER & SERV MANS JAN00 08901-90033 AUG81 08901-90034 8L 01 10 08 OPER MAN DTD JAN80/SERV MAN DTD MAR80
MAN CHANGE A AUG81 08901-90033 CHANGES FOR OPER MAN
MAN CHANGE B AUG81 08901-90033 CHANGES FOR SERV MAN

8901A-004 OPER & SERV MANS JAN00 08901-90033 AUG81 08901-90034 8L 01 10 08 OPER MAN DTD JAN80/SERV MAN DTD MAR80
MAN CHANGE A AUG81 08901-90033 CHANGES FOR OPER MAN
MAN CHANGE B AUG81 08901-90033 CHANGES FOR SERV MAN

8901A-010 OPER & SERV MANS JAN00 08901-90033 AUG81 08901-90034 8L 01 10 08 OPER MAN DTD JAN80/SERV MAN DTD MAR80
MAN CHANGE A AUG81 08901-90033 CHANGES FOR OPER MAN
MAN CHANGE B AUG81 08901-90033 CHANGES FOR SERV MAN

8901B SERV NOTE SET BELOW JAN85
8901B-1 AUG84 WA SER 2411A & BELOW.RF PWR REF CALIB ERROR

8902A SERV NOTE SET BELOW JAN85
8902A-1 MAY84 WO SER 2340A & BELOW.IF SYNC SETECTOR OVERLOAD HANDL IMR
8902A-2 AUG84 WA SER 2411A & BELOW.RF PWR REF CALIB ERROR

8903A OPER & SERV MAN JAN81 08903-90023 DEC84 08903-90025 8L 01 10 08
MAN CHANGE AUG84 08903-90023

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8901A-010	OPER & SERV MANS MAN CHANGE A MAN CHANGE B	JAN80 08901-90033 AUG81 08901-90033	AUG81 08901-90034	8L 01 10 08	OPER MAN DTD JAN80/SERV MAN DTD MAR80 CHANGES FOR OPER MAN CHANGES FOR SERV MAN
8901B	SERV NOTE SET BELOW 8901B-1	JAN85 AUG84 WA SER 2411A & BELOW.RF PWR REF CALIB ERROR			
8902A	SERV NOTE SET BELOW 8902A-1 8902A-2	JAN85 MAY84 WO SER 2340A & BELOW.IF SYNC SETECTOR OVERLOAD HANDL IMR AUG84 WA SER 2411A & BELOW.RF PWR REF CALIB ERROR			
8903A	OPER & SERV MAN MAN CHANGE	JAN81 08903-90023 AUG84 08903-90023	DEC84 08903-90025	8L 01 10 08	

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11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	PAGE 395
*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8903A		SERV NOTE SET BELOW 8903A-1 8903A-2 8903A-3-S 8903A-4 8903A-5 8903A-6 8903A-7	JUL83 MAR81 WN ALL SER.FRONT TO REAR PANEL CONNECTOR CONVERSION MAR81 WN ALL SER.REAR TO FRONT PANEL CONN CONVERSION SEP81 WO SAFETY.SER 2118A & BELOW.MOD TO PREV RACK MT & HANDLE SHOCK HAZARD NOV81 WO SER 2016A & BELOW.WIR CHECK FOR REPL OF PWR XFMR JAN82 WO ALL SER CHANGING INPUT & OUTPUT PROTECT FUSES JAN82 WO SER 2126A & BELOW.CORRET LOW-FREQ ERROR IN AUDIO COUNTER APR83 WO SER 2150A & BELOW.MOD TO PREV SHRT BET BOTTOM COVER & MOTHERBD								
8903A-001		OPER & SERV MAN MAN CHANGE A MAN CHANGE A	JAN81 08903-90023 JUN81 08903-90023 JUN81 08903-90024		AUG81 08903-90025		8L	01	10	07	
8905A		OPER & SERV MAN MAN CHANGE	SEP66 08905-90010 NOV74 08905-90010		MAY82 08905-90012		8L	01	21	01	
8925A		OPER & SERV MAN MAN CHANGE	SEP66 08925-90006 JAN72 08925-90007		JUN85 08925-90010		8L	01	21	01	
895A		SERV NOTE SET BELOW 895A-1 895A-2 895A-3/P5080-1849 895A-4-S	JAN85 *** REPLACED BY 895A-3 OCT78 WO SER 1821A01702 & BELOW.MOD TO REPL ZENER REF DIODE 1902-0763. SER 1501A01153 & BELOW.REC PRT SUBSTITUTE IN EVENT OF SCR FAILURE AUG84 WA SAFETY.ALL SER.NOTIF OF POSS SHOCK HAZ								
8950A		OPER & PROG MAN SERV MAN INSTALL MAN PROGRAM LISTINGS MAN CHANGE OPER & PROG MAN	SEP76 08950-90009 SEP76 08950-90010 AUG76 08950-90011 MAR77 08950-90016 APR77 08950-90016 MAR77 08950-90026		NOV76 08950-90012* NOV76 08950-90013 NOV76 08950-90014 MAY77 08950-90019 MAY77 08950-90027		8L	01	04	02	USE 8950A FICHE 08950-90027
8950B		INSTALL MAN MAN CHANGE OPER & PROG MAN MAN CHANGE SERV MAN MAN CHANGE PROG LISTINGS MAN CHANGE	SEP77 08950-90047 DEC78 08950-90047 NOV77 08950-90049 DEC78 08950-90049 SEP77 08950-90051 DEC78 08950-90051 NOV77 08950-90053 DEC78 08950-90053		FEB79 08950-90048 FEB79 08950-90050 FEB79 08950-90052 FEB79 08950-90054		8L	01	04	01	
8951A		OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 8951A-1 8951A-2	JAN77 08951-90001 JAN77 08951-90001		FEB77 08951-90006		8L	01	04	01	
8951B		OPER & SERV MAN MAN CHANGE	SEP77 08951-90009 OCT78 08951-90009		NOV78 08951-90010		8L	01	04	01	
8953A-100		OPER MAN	NOV82 08953-90012		FEB83 08953-90014		8L	01	10	01	
8954A		OPER & SERV MAN MAN CHANGE	FEB83 08954-90010 MAY85 08954-90010		SEP85 08954-90011		8L	01	10	03	

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DESCRIPTION ***

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											

8951A-1	OPER & SERV MAN	SEP77 08951-90009	NOV78 08951-90010	8L 01 04 01
8951A-2	MAN CHANGE	OCT78 08951-90009		
8953A-100	OPER MAN	NOV82 08953-90012	FEB83 08953-90014	8L 01 10 01
8954A	OPER & SERV MAN	FEB83 08954-90010	SEP85 08954-90011	8L 01 10 03
	MAN CHANGE	MAY85 08954-90010		

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											
8956A		SERV NOTE SET BELOW 8956A-1-S 8956A-2			JAN84 MAR83 WA SAFETY:SER 2239A & BELOW.MOD TO CORREC IMPROPER GROUND OF FAN OCT83 WO SER 2322A & BELOW.PREF REPL OF RELAY A5K16						
896A		OPER & SERV MAN MAN CHANGE	JAN66 OCT64	00896-90001 00896-90001		AUG81 5950-1887	8L	01	21	01	
8970A		SERV NOTE SET BELOW 8970A-1 8970A-2 8970A-3 8970A-4 8970A-5 8970A-6 8970A-7			OCT84 AUG82 WO SER 2116A & BELOW.IPMR OF PWR MEAS BY ELIM OSCIL OCT82 WO ALL SER.REC MOD UPON A8Q1 REPL SEP83 WO SER 2222A & BELOW.PREF REPL FOR DRIVER BD & BATT JUN84 WO ALL SER.TRBLSHTG FREQ CALIB FAIL E18 JUN84 WO ALL SER.PROF REPL DRIVER IC CIR A14U42,A1U4,A1U5 JUN84 WO SER 2427A & BELOW.IMPR RADIATION PREF JUN84 WN ALL SER.I.F.CALIB HP 346A NOISE SOURCE						
905A		OPER & SERV MAN OPER & SERV MAN OPER & SERV MAN MAN CHANGE SERV NOTE SET BELOW 905A-1	MAY68 NOV78 JUN84 JAN85	00905-90002 00905-90006 00905-90009 00905-90009		MAR72 00905-90005* MAY81 00905-90007* APR85 00905-90010	01 8L 8L	04 01 04	01 01 01	USE 905A FICHE 00905-90007 USE 905A FICHE 00905-90010	
						OCT79 JUN79 WN ALL SER.PROC TO LUB COAX SLIDING LOAD BODY.					
907A		OPER NOTE MAN CHANGE SERV NOTE SET BELOW 907A-1	NOV69 NOV80	00907-90002 00907-90002		FEB81 00907-90006	8L	01	04	01	
						OCT79 JUN79 WN ALL SER.PROC TO LUB COAX SLIDING LOAD BODY.					
910A		OPER NOTE OPER & SERV MAN OPER & SERV MAN	APR70 MAR79 NOV80	00910-90003 00910-90008 00910-90010		OCT70 00910-90005* MAY79 00910-90009* DEC80 00910-90011	01 8L 8L	04 01 01	01 01 01	USE 910A FICHE 00910-90009 USE 910A FICHE 00910-90011	
910B		OPER NOTE OPER & SERV MAN OPER & SERV MAN	APR70 MAR79 NOV80	00910-90003 00910-90008 00910-90010		OCT70 00910-90005* MAY79 00910-90009* DEC80 00910-90011	01 8L 8L	04 01 01	01 01 01	USE 910B FICHE 00910-90009 USE 910B FICHE 00910-90011	
91071A		INSTALL & SERV MAN	NOV76	91071-93001		FEB77 91071-93002	8L	01	09	01	
91073A		INSTALL MAN	MAY77	91073-93001		AUG77 91073-93002	8L	01	09	01	
91075A		PROG & OPER MAN	FEB80	91075-93020		OCT83 91075-93021	8L	01	09	02	
91075B		REFERENCE MAN PROGR & OPER MAN PROG & OPER MAN TESTAID-III MAN	NOV76 NOV76 NOV76 MAR80	91075-93006 91075-93008 91075-93010 91075-93024		FEB77 91075-93007* FEB77 91075-93009* AUG77 91075-93011* JUN80 91075-93025	8L 8L 8L 8L	01 01 01 01	09 09 09 09	04 03 02 02	USE 9571A FICHE 91075-93029 USE 9571A FICHE 91075-93019 USE 91075A FICHE 91075-93021 ECL DEVICE LIBRARY FOR 9571A
91075D		SERV NOTE SET BELOW 91075D/E/F/J/K/L-1	DEC81	WNN SER 2126A00100 & ABOVE.NOTIF OF SYSTEM SOFTWARE REV 2126		APR82					
91075E		SERV NOTE SET BELOW 91075E/F/J/K/L-1	DEC81	WNN SER 2126A00100 & ABOVE.NOTIF OF SYSTEM SOFTWARE REV 2126		APR82					
91075F		SERV NOTE SET BELOW 91075F/E/F/J/K/L-1	DEC81	WNN SER 2126A00100 & ABOVE.NOTIF OF SYSTEM SOFTWARE REV 2126		APR82					

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*** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***											

91075D SERV NOTE SET BELOW APR82
 91078D/E/F/J/K/L-1 DEC81 WNN SER 2126A00100 & ABOVE.NOTIF OF SYSTEM SOFTWARE REV 2126

91075E SERV NOTE SET BELOW APR82
 91078D/E/F/J/K/L-1 DEC81 WNN SER 2126A00100 & ABOVE.NOTIF OF SYSTEM SOFTWARE REV 2126

91075F SERV NOTE SET BELOW APR82
 91078D/E/F/J/K/L-1 DEC81 WNN SER 2126A00100 & ABOVE.NOTIF OF SYSTEM SOFTWARE REV 2126

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
91075J		SERV NOTE SET BELOW 91078D/E/F/J/K/L-1	DEC81	WNN SER 2126A00100	APR82						*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
91075K		SERV NOTE SET BELOW 91078D/E/F/J/K/L-1	DEC81	WNN SER 2126A00100	APR82						*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
91075L		SERV NOTE SET BELOW 91078D/E/F/J/K/L-1	DEC81	WNN SER 2126A00100	APR82						*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
911A		OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 911A-1/911C-1	JUL69 NOV80 JUN79	00911-90002 00911-90013 WN ALL SER.PROC TO LUB COAX SLIDING LOAD BODY.	NOV79 FEB81 OCT79	00911-90005* 00911-90014	8L	01	04	01	USE 911A FICHE 00911-90014				
911C		OPER & SERV MAN OPER & SERV MAN SERV NOTE SET BELOW 911A-1/911C-1	MAR77 MAR84 JUN79	00911-90006 00911-90015 WN ALL SER.PROC TO LUB COAX SLIDING LOAD BODY.	MAY77 JUL84 OCT79	00911-90010* 00911-90016	8L	01	04	01	USE 911C FICHE 00911-90016				
9111A		SERV NOTE SET BELOW 9111A-1 9111A-2 9111A-5 9111A-7	JAN82 JUN83 MAR84 AUG84	ALL SER POSSIBLE VOLTAGE REGLTR MISWIRE SER 2251A & BELOW.EXTENDED WARRANTY POLILCY WN ALL SER.ACETATE MENU BLANK PROB WN SER 2435 & GREATER.MOD TO ELIM FUSE FAIL BY REPLACE TRFANS & MAIN PCA	JAN85										
9125A/B		SERV NOTE SET BELOW 9862A-14/9125A/B-1/ 7210A-11/7203A-8/ 7200A-7/7201A-4/ 7200A-8 9125A-2 7200A-14/7201A-5/ 7202A-14/7203A-15/ 7210A-15/9125A/B- 3/ 9862A-18 7200A-15/7201A-6/ 7202A-15/7203A-16/ 7210A-16/9125A/B- 4/ 9862A-19 7200A-17A/7201A-7A/ 7202A-17A/9125A/B- 5A	OCT74	WN ALL SER.CONVERTING ONE PLOTTER MODEL TO ANOTHER	MAY78										
9125A-2		9125A-2	OCT74	WN ALL SER.17127A RETROFIT KIT INSTAL INSTRUCTIONS											
7200A-14/7201A-5/ 7202A-14/7203A-15/ 7210A-15/9125A/B- 3/ 9862A-18		7200A-14/7201A-5/ 7202A-14/7203A-15/ 7210A-15/9125A/B- 3/ 9862A-18	JUN76	WN ALL SER.PLOTTER SLIDEWIRE MAINTENANCE (ELIMINATING SLIDEWIRE LUBRICATION)											
7200A-15/7201A-6/ 7202A-15/7203A-16/ 7210A-16/9125A/B- 4/ 9862A-19		7200A-15/7201A-6/ 7202A-15/7203A-16/ 7210A-16/9125A/B- 4/ 9862A-19	JUN76	WN ALL SER.PROP PERIODIC PLOTTER PLATEN PURGATION PROC (OR,CLEAN YOUR AUTOGRIP TABLE)											
7200A-17A/7201A-7A/ 7202A-17A/9125A/B- 5A		7200A-17A/7201A-7A/ 7202A-17A/9125A/B- 5A	MAY77	WN SER BELOW 1620A.NEW CHART HOLD (AUTOGRIP) MODULE											
914A		OPER NOTE OPER NOTE	MAY77 OCT80	00914-90015 00914-90017	JUL77 DEC80	00914-90016* 00914-90018	8L	01	04	01	USE 914A FICHE 00914-90018				
914B		OPER NOTE OPER NOTE	MAY77 OCT80	00914-90015 00914-90017	JUL77 DEC80	00914-90016* 00914-90018	8L	01	04	01	USE 914B FICHE 00914-90018				
920A		OPER NOTE	JAN00	920A-901	OCT74	00920-90006		01	04	01					
920B		OPER NOTE	JAN00	920A-901	OCT74	00920-90006		01	04	01					
940A		OPER NOTE	MAR65	940A-900	DEC77	00940-90002	8L	01	04	01					

11/08/85 MODEL NUMBER	O C	LITERATURE TYPE	H/C DATE	H/C PART NUMBER	FICHE DATE	FICHE PART NUMBER	M L	P T	D V	P G	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***	*** DESCRIPTION ***
9411A		SERV NOTE SET BELOW 9411A-3	DEC78		APR79						CLARIF OF PROM/CONTROL CARD REV COMPATBTBT.TTES.				

970A OPER & SERV MAN FEB75 00970-90007 OCT78 00970-90057 8L 01 09 01
 MAN CHANGE AUG78 00970-90007
 OPER NOTE SEP74 97004-90000 SEP85 97004-90056 8L 01 09 01 ACCESSORY KIT FOR 970A
 SERV NOTE SET BELOW OCT78
 970A-1A MAY75 WO ALL SER.970A PROBE SERV GUIDE.
 970A-2 DEC74 WO ALL SER.IMPROVED DISPLAY

11/08/85 MODEL NUMBER O C LITERATURE TYPE H/C DATE H/C PART NUMBER FICHE DATE FICHE PART NUMBER M P D P L T V G PAGE 399
 *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION *** DESCRIPTION ***

970A 970A-3 JUN75 WA SER 1320A13223 & DOWN.LENS REPLACEMNT
 970A-4 MAR78 WO ALL SER.REC BACKBONE ASSY REPL

97002A OPER NOTE JAN00 97002-90000 NOV74 97002-90054 01 09 01

9862A SERV NOTE SET BELOW APR79
 9862A-1 JUL72 WO PRODUCTION CHANGES
 9862A-2 MAR73 WO SER 1308.OPTIONS 20 & 30.MOD TO PREV IMPROPER CALCULTR OPER CAUSED BY PLOTR TURN-OFF
 9862-3 MAR74 WN ALL SER.SERV MAN CORREC OF TIMING DIAGRAM
 9862-4 MAR74 WN ALL SER.MECH PARTS LIST CORREC FOR PEN SOLENOID
 9862-5 APR74 WN ALL SER.SERC MAN CORREC FOR PEN HOLDER P/N
 9862A-6A OCT78 WN ALL SER.MECH PARTS LIST CORRECTION
 9862-7/7210A-4/ MAY74 WN ALL SER.MOD PEN LIFT ASSY & SPRINGS
 7203A-2
 9862A-8/7210A-5/ MAY74 WN ALL SER.DIF BET PEN LIFT SOLENOIDS
 7203A-3/7202A-4/
 7201A-1/7200A-4
 9862A-9 MAY74 WN ALL SER.INTERFACE CABLE CONVERSION
 9862A-10 JUN74 WN ALL SER.ELECTRICAL ALIGN PROC TO BE PERFORMED AFTER CHNG SERVO PRE-AMP OR MECH ASSY
 9862A-11 JUN74 WN ALL SER.TEST PROGRAM FOR ELECTRICAL ALIGN OF 9862A WITH 9830A CALCULATOR
 9862A-12/7210A-8/ AUG74 WN ALL SER.PC BOARD NUMBERING CONVENTION
 7203A-5/7202A-8/
 7201A-2/7200A-9
 9862A-13/7210A-9/ AUG74 WN ALL SER.NEW PLOTTER HOOD LATCH
 7203A-9/7202A-9/
 7201A-3/7200A-10
 9862A-14/9125A/B-1 OCT74 WN ALL SER.CONVERTING ONE PLOTTER MODEL TO ANOTHER
 7210A-11/7203A-8/
 7202A-7/7201A-4/
 7200A-8
 7203A-13/7210A-13/ FEB75 WO ALL SER BEFORE 1504A.IMPR PEN LIFT SOLENOID.SUPER 7203A-3,7210A-2,7210A-5,9862A-8
 9862A-15
 9862A-16 JUN75 WN ALL SER.PIN ASSIGNMENTS FOR POWER DRIVER BOARD
 7202A-13/7203A-14/ OCT75 WN 7202A SER BELOW 1541;7203A/7210A/9862A SER BELOW 1540.REC NEW Y-AXIS WIPER PLATE
 7210A-14/9862A-17 ASSEMBLY & PEN CARRIAGE BLOCK
 7200A-14/7201A-5/ JUN76 WN ALL SER.PLOTTER SLIDEWARE MAINTENANCE
 7202A-14/7203A-15/
 7210A-15/9125A/B- 3/
 9862A-18
 7200A-15/7201A-6 JUN76 WN ALL SER.PLOTTER PLATEN CLEANING
 7202A-15/7203A-16/
 7210A-16/9125A/B- 4/
 9862-19
 720 3A-17/7210A-17/ FEB77 WN SER BELOW 1620A. NEW CHART HOLD (AUTOGRIP) SUPPLY BOARD
 9862-20

98633A OPER & SERV MAN APR84 06944-90001 JUN85 06944-90002 8L 01 21 02
 MAN CHANGE MAY84 06944-90001
 INSTALL NOTE APR84 98633-90001 JUN85 98633-90002 8L 01 21 01

9872A SERV NOTE SET BELOW APR81
 9872A-1 MAR77 WA HP-IB MODIFICATION
 9872A-2 APR77 WA SER 1712A & BELOW.AUTOGRIP WIRING CHG
 9872A-3-S JUN77 WO SAFETY.SER BEFORE 1719A.ELIMINATION OF POTENTIAL SAFETY HAZARD
 9872-4 JUN77 WA SER 1712A & BELOW.POWER SUPPLY MOD

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9872A 7221A-1-S/9872A-5-S AUG77 WA SAFETY.SER BEFORE 1734.ELIMINATION OF POTENTIAL SAFETY HAZARD
 7221A-4/9872A-6 JAN78 WO SER BELOW 1801A.PWR SUPPLY SWTC CHANGE
 7221A-5/9872A-7 APR78 WA SER BELOW 01300.FACTORY RETROFIT OF FLAME-SPRAYED CAB PARTS
 7221A-6/9872A-8 OCT78 WO SER 1810A02691 & BELOW & 09872-60131 & 09872-66131 MFG BEFORE 10/1/78.CHNG PWR-UP

9872A

SERV NOTE SET BELOW

APR81

9872A-1
9872A-2
9872A-3-S
9872A-4MAR77 WA HP-IB MODIFICATION
APR77 WA SER 1712A & BELOW.AUTOG RIP WIRING CHG
JUN77 WO SAFETY.SER BEFORE 1719A.ELIMINATION OF POTENTIAL SAFETY HAZARD
JUN77 WA SER 1712A & BELOW.POWER SUPPLY MOD

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9872A

7221A-1-S/9872A-5-S
7221A-4/9872A-6
7221A-5/9872A-7
7221A-6/9872A-8
CONT'D
9872A-9
7221A-8/9872A-10
CONT'D
9872A/B/S-2
7221A/B/S-2
7220A/S-2
9872A-11SAUG77 WA SAFETY.SER BEFORE 1734.ELIMINATION OF POTENTIAL SAFETY HAZARD
JAN78 WO SER BELOW 1801A.PWR SUPPLY SWTC CHANGE
APR78 WA SER BELOW 01300.FACTORY RETROFIT OF FLAME-SPRAYED CAB PARTS
OCT78 WO SER 1810A02691 & BELOW & 09872-60131 & 09872-66131 MFG BEFORE 10/1/78.CHNG PWR-UP
SEQ TO PROCESSOR BIB'S.
DEC78 WN REC MEMORY PCA REPL.
SEP79 WO SER 1914A04301 & BELOW.MOD TO PREVENT CONFIDENCE TEST FAILURE INDICATING DEFECTIVE
INTERNAL I/O PCA
JUN80 WN ALL SER.PLOTTER PEN TRAVEL,HEIGHT,FORCE & DAMPING ADJ
NOV80 WO SAFETY.SER 2047 & BELOW.MOD TO ELIM POT SHOCK HAZARD

9872B/S

SERV NOTE SET BELOW
7220A/S-1,7221B/S-1
9872B/S-1
9872A/B/S-2
7221A/B/S-2
7220A/S-2
9872B/S-3SAPR81
SEP79 WN ALL SER.SPEC INSTRUCTS FOR ADJ PEN TRAVEL & PEN HEIGHT
JUN80 WN ALL SER.PLOTTER PEN TRAVEL,HEIGHT,FORCE & DAMPING ADJ
NOV80 WO SAFETY.SER 2047 & BELOW.MOD TO ELIM POT SHOCK HAZARD

9872C/T

SERV NOTE SET BELOW
9872C/T-1
7220C/T;7221C/T;
9872C/T-2APR83
OCT81 WN ALL SER.REC PROC FOR REPAIRING PWR SUPPLY PCA FAILURE P/N 09872-60508 OR 09872-66508
FEB83 SER 2237 & ABOVE.PLOTTER DESIGN CHANG IMPROV REL

9874A

SERV NOTE SET BELOW
9874A-1-SJUL82
JAN82 WA SER 1811A01252 THRU 1811A01497;ELIM OF A POT SHOCK HAZ

999C-K04

OPER NOTE

JAN00 999C-990 SEP71 00999-90001 01 04 01

GE 386
