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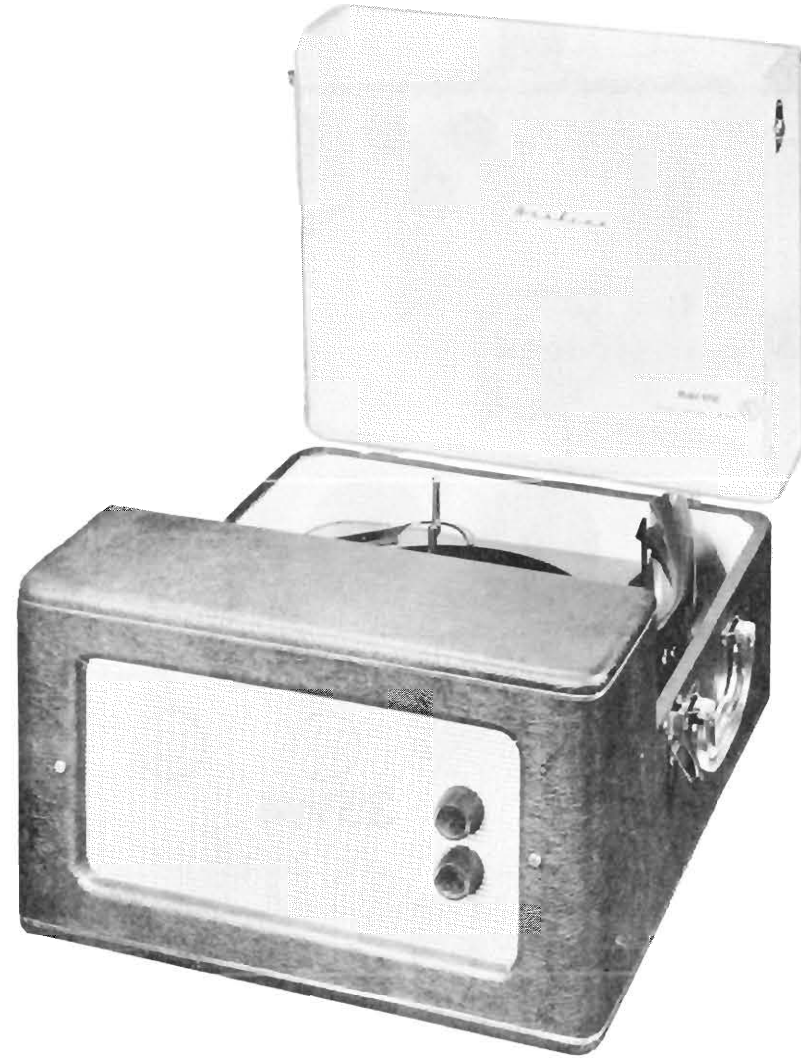
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PHOTOFACT* Folder



AIRLINE MODELS
45XGAA-978B,C

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TRADE NAME	Airline Models 45XGAA-978B, 45XGAA-978C	
SUPPLIER	Montgomery Ward & Co., 619 Chicago Ave., Chicago, Ill.	
TYPE SET	AC Operated Phono Amplifier With 3 Speed Automatic Record Changer	
TUBES (Three)	Types 12AT6 AF Amp., 50C5 Output, 35W4 Rectifier	
POWER SUPPLY	110-120 Volts AC - 60 Cycles	RATING .21 Amp. @ 117 Volts AC

FOR SERVICE INFORMATION ON RECORD CHANGER - SEE SIMILAR V-M MODEL 950 - PHOTOFACT SET 216 - FOLDER 11 OR RECORD CHANGER MANUAL CM-5.

HOWARD W. SAMS & CO., INC. • Indianapolis 5, Indiana

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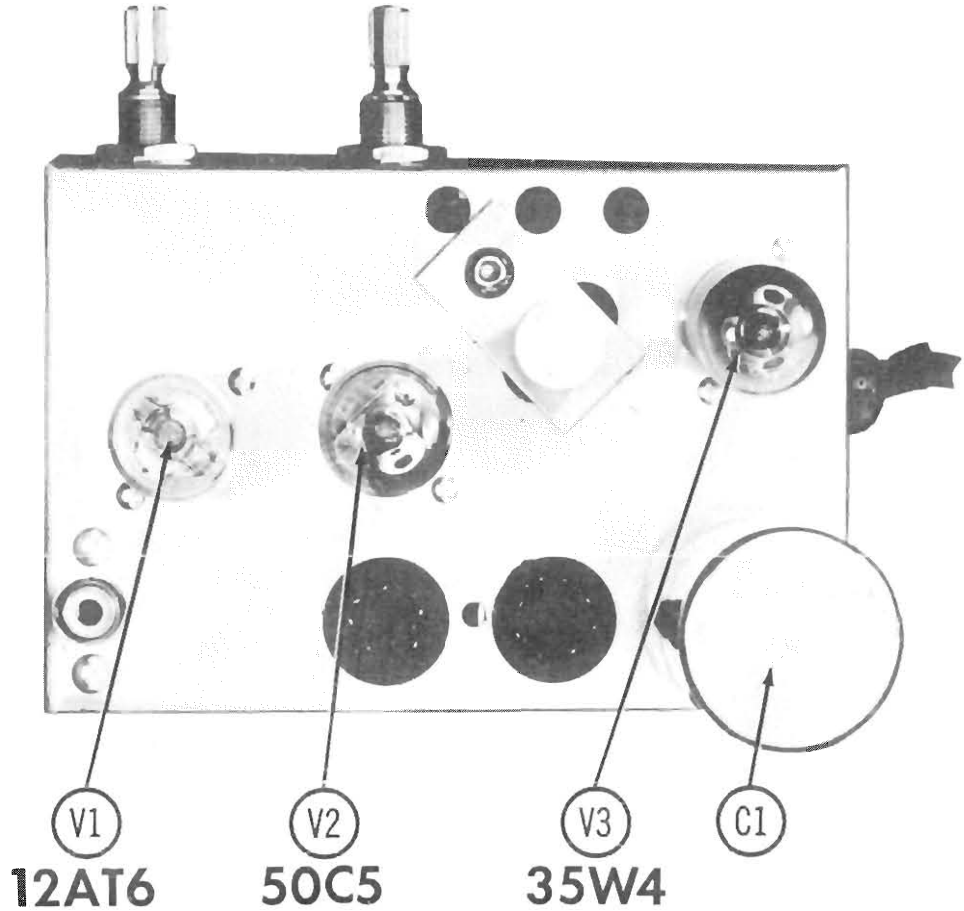
SET 341 FOLDER 3

PARTS LIST AND DESCRIPTIONS
 TUBES (GENERAL ELECTRIC, SYLVANIA)

AIRLINE
 MODEL 45XGAA-978B

ITEM No.	USE	TYPE	NOTES	ITEM No.	USE	TYPE	NOTES
V1	AF Amplifier	12AT6		V3	Rectifier		
V2	Output	50C5				35W4	

CHASSIS—TOP VIEW



ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP.	VOLT.	REPLACEMENT DATA			
			AIRLINE PART No.	AEROVOX PART No.	CORNELL-DUBIER PART No.	SPRAGUE PART No.
C1A	40	150	100-A			
B	40	150				
C	20	150				
D	20	25				

FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING CAP.	VOLT.	REPLACEMENT DATA				NOTES
			AIRLINE PART No.	AEROVOX PART No.	CORNELL-DUBIER PART No.	MALLORY PART No.	
C2	330		*809-B	S1330	D6-331	GP2K-331	5GA-T33
C3	5000			BPD-005	DD-502	K080	5HK-D5
C4	10000		819-B	BPD-01	DD-103	K082	5HK-D5
C5	1500		821	BPD-0015	DD-152	K071	5HK-D15
C6	1	200		P288N-1	DP-104	CUB2P1	2TM-P1

* C2 and R3 are combined in one unit.
 Note 1: Not used in some versions.
 Note 2: Some versions may use .01MFD in this application. (part #819-B)

CONTROLS

ITEM No.	RATING RESIST.	WATTS	REPLACEMENT DATA				INSTALLATION NOTES
			AIRLINE PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	IRC PART No.	
R1A	2Meg	1/4	412A	AB-76	A47-2Meg-Z	Q13-139	U-55
B	2Meg		Not Req.	AK-4	KSS-3	Not Req.	Not Req.
C	500K		406	SK-1	SWE-12	76-1	US-26
R2A	500K	1/4	Not Req.	BSK-60	A47-500K-Z	Q13-133	U-48
B	500K		Not Req.	Not Req.	KSS-3	Not Req.	Not Req.

RESISTORS

All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	RATING OHMS	WATT	REPLACEMENT DATA		NOTES	REPLACEMENT DATA			NOTES
			AIRLINE PART No.	IRC PART No.		ITEM No.	RATING OHMS	WATT	
R3	1Meg		*809-B	BTS-1Meg		R9	150Ω		BTS-150
R4	470K		525	BTS-470K		R10	1Meg		BTS-1Meg
R5	5Meg		541	BTS-4.7Meg		R11	1000Ω		BTS-1000
R6	470Ω			BTS-470		R12	470Ω	1	BTA-470
R7	100K			BTS-100K		R13	120Ω	5	625
R8	470K		502	BTS-470K		R14	50Ω	534	BTS-47

* Items R3 and C2 are combined in one unit.
 Note 1: Some versions use 2700 1W in this application.
 Note 2: Some versions use 3001 in this application.

PARTS LIST AND DESCRIPTIONS (Continued)
 TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE PRI.	SEC.	REPLACEMENT DATA				NOTES
			AIRLINE PART No.	Holldorson PART No.	Merit PART No.	Stancor PART No.	
T1	2400Ω	3.3Ω	Part of speaker.	Z1101	A-3026	A-3332	26S58 Ⓢ S-12X

SPEAKER

ITEM No.	RATINGS SIZE	FIELD	V. C. IMP.	REPLACEMENT DATA			NOTES
				AIRLINE PART No.	QUAM PART No.	RCA TYPE No.	
SPI	5"	PM	3.3Ω	289	SA1	223S1	

PHONO CARTRIDGE

ITEM No.	AIRLINE PART No.	ASTATIC CARTRIDGE	ELECTRO-VOICE CARTRIDGE	PART No.	REMARKS	
M1	60H31	51-27	G-AG-J	43	0-2 or S-2	For Model 45XGAA-978B
	60-32	ACD-J	A-1	98-T	S-2 or S-1 & 0-3	For Model 45XGAA-978C

ASTATIC AND ELECTRO VOICE NEEDLE LISTINGS SHOWN ABOVE ARE SPECIFIED FOR THE RESPECTIVE REPLACEMENT CARTRIDGES LISTED. FOR ORIGINAL CARTRIDGE NEEDLE REPLACEMENTS SEE BELOW.

PHONO NEEDLE

ITEM No.	REPLACEMENT DATA				REMARKS
	AIRLINE PART No.	JENSEN PART No.	WALCO PART No.		
M2	61H33 (Note 1)	*S-652 or †S-642 or *S-642D	*W-3AGA or †W-3AGS		* Metal † Jewel ♦ Diamond
	61H19 (Note 2) (78RPM Needle)	*W-16 or †W-14 or *W-14D and †W-17 or *W-15 or †W-15D	*W-11A or †W-10S or *W-10D and †W-10MG or *W-10MG or †W-10MGD		

Note 1 - For Model 45XGAA-978B.
 Note 2 - For Model 45XGAA-978C.

MISCELLANEOUS

ITEM No.	PART NAME	AIRLINE PART No.	NOTES
	Carrying Case Knob	2058 2416-B	On-Off-Volume & Tone.

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