

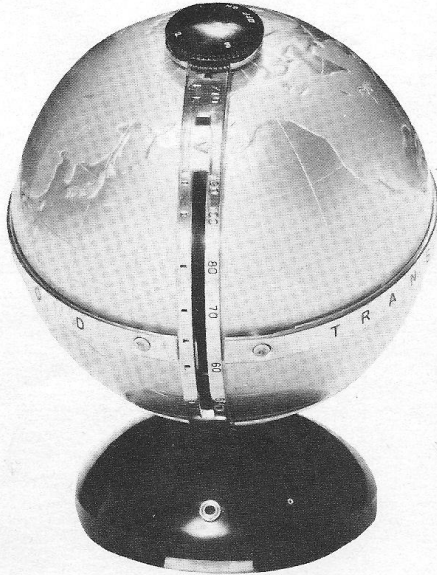
FOLDER 6  
SET 530

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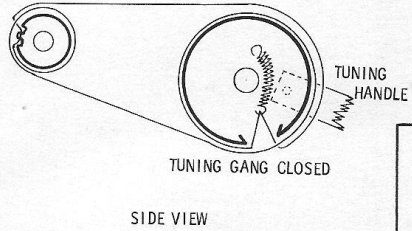


FLEETWOOD  
MODEL NTR-6G

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DRIVE CORD STRINGING



FLEETWOOD  
MODEL NTR-6G

TRADE NAME Fleetwood Model NTR-6G  
 SUPPLIER Sterling Hi-Fidelity, Inc., 22-14 40th Ave., Long Island City 1, N. Y.  
 TYPE SET Battery Operated Transistorized AM Receiver  
 POWER SUPPLY 9 Volts DC RATING 8MA @ 9 Volts DC (No Signal, Min. Volume)  
 TUNING RANGE—BROADCAST 535 — 1605KC 15MA @ 9 Volts DC (Signal, Normal Volume)

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading.

Suggested Alignment Tools: A4, A6, . . . . GENERAL CEMENT #5004, 5009, 8195, 8274, 8275, 8607, 8728, 8987, 8988, 8989, 9291  
 WALSCO #2515, 2520, 2522, 2523, 2531, 2532, 2534, 2537, 2538

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1.	Loop	455KC (400v Mod.)	Tuning gang fully open.	Across voice coil.	A1, A2, A3	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.
2.	"	1600KC	1600KC	"	A4	"
3.	"	600KC	600KC	"	A5	"
4.	"	1400KC	1400KC	"	A6	Adjust for maximum output. Repeat Steps 2, 3, and 4.

HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana



The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of KG444

the particular type of replacement part listed. Reproduction or use, without express permission, of editorial or pictorial content, in any manner, is prohibited. No patent liability is assumed with respect to the use of the information contained herein. © 1961 Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. Printed in U.S. of America

DATE 5 - 61

SET 530

FOLDER 6

SET 530  
FOLDER 6

# PARTS LIST AND DESCRIPTIONS (Continued)

## COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA				WORKMAN TV PART No.	NOTES
		FLEETWOOD PART No.	Merit PART No.	Miller PART No.	Stencor PART No.		
L1	Loopstick						
L2	1st IF						
L3	2nd IF						
L4	2nd IF						
L5	3rd IF						

## TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA				NOTES
		FLEETWOOD PART No.	Merit PART No.	Thordeson PART No.	Fried PART No.	
T1	1.7 1	1000GA				

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	REPLACEMENT DATA				NOTES
		FLEETWOOD PART No.	Merit PART No.	Thordeson PART No.	Fried PART No.	
T2	7000 CT	OT-8G	TA-25			

## SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		FLEETWOOD PART No.	GUAM PART No.	
SF1	3" PM	6-8B		

## BATTERIES

ITEM No.	VOLTAGE	REPLACEMENT DATA				NOTES
		FLEETWOOD PART No.	BURGESS PART No.	EVEREADY PART No.	MALLORY PART No.	
M1	1.5V	UM-3A *	890 *	1015 *	M-10R *	* 6 Required

## SIGNAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA			NOTES
		FLEETWOOD PART No.	GENERAL ELECTRIC PART No.	Sylvania PART No.	
M2	1N44G		1N60	1N60	Detector

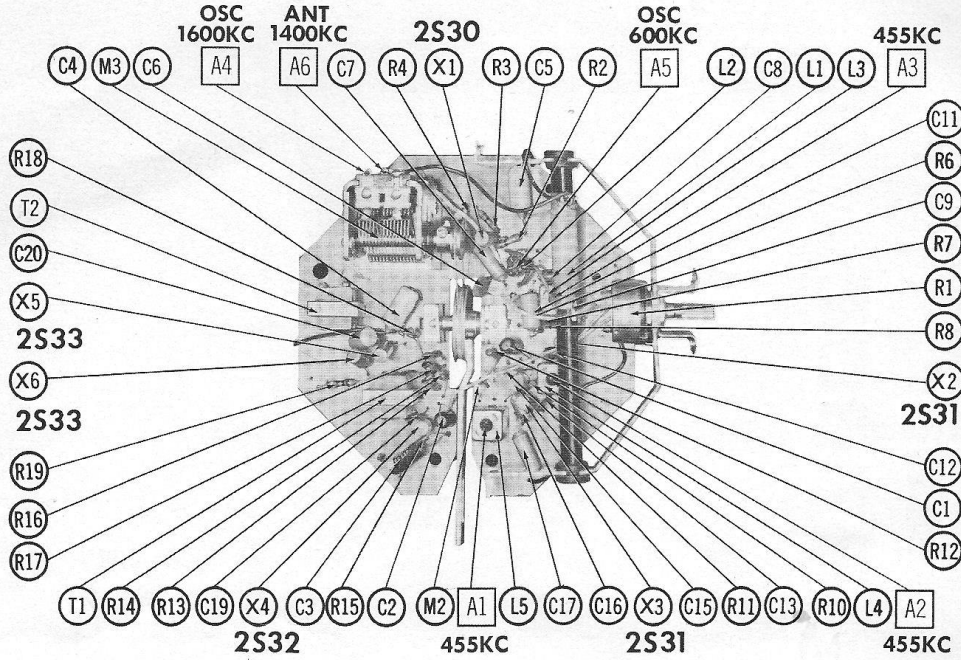
## MISCELLANEOUS

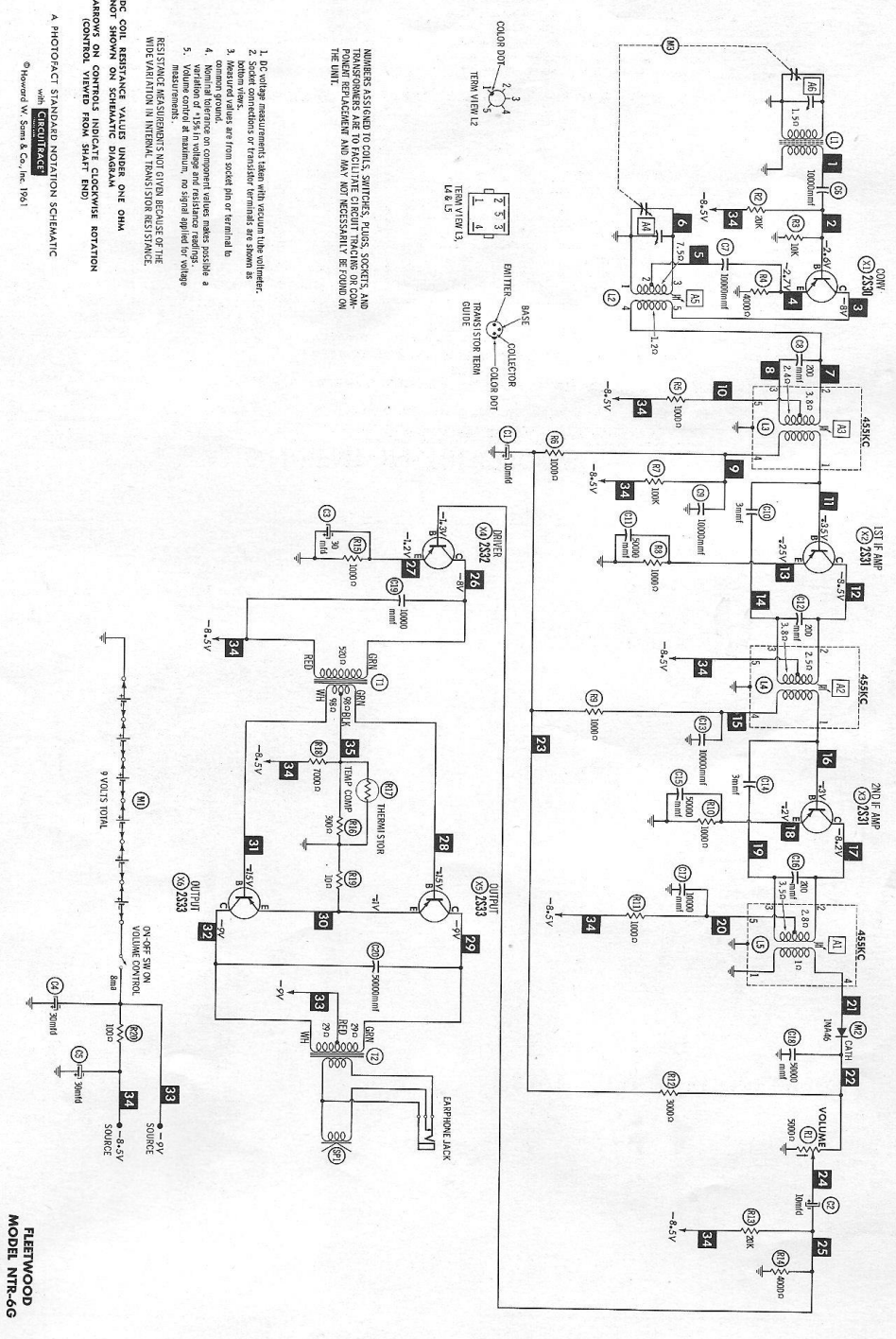
ITEM No.	PART NAME	FLEETWOOD PART No.	NOTES
M3	Tuning Cap.		2 Gang

## WIRING DATA

ITEM No.	WIRE TYPE	NOTES
		General-use Unshielded Hook-up Wire ..... Use BELDEN No. 8530 (Solid) Available in Ten Colors 8524 (Stranded) Available in Ten Colors

# CHASSIS—TOP VIEW





NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND POINTS ARE MADE TO FACILITATE CIRCUIT TRACING ON CMM. POINTS IDENTIFIED AND NOT REPRESENTED BY FOUND ON THE UNIT.

1. D.C. voltage measurements taken with vacuum tube voltmeter.
2. Measured values of resistor terminals are shown as bottom views.
3. Measured values are from socket pin or terminal to common ground.
4. Measured values are on component labels under a variation of  $\pm 15\%$  in voltage and resistance readings.
5. Voltage control at maximum, no signal applied for voltage resistance of filament. UNDER NOT GIVEN BECAUSE OF THE WIDE VARIATION IN INTERNAL TRANSISTOR RESISTANCE.

DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM. ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROLS TURNED FROM SHIFTS END).

A PHOTOFACT STANDARD NOTATION SCHEMATIC

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# PRINTED BOARD

A Howard W. Sams CIRCUITRACE Photo

# PARTS LIST AND DESCRIPTIONS

## TRANSISTORS

ITEM No.	ORIG. TYPE	REPLACEMENT DATA			NOTES
		USE	RCA PART No.	SYLVANIA PART No.	
X1	2S30	Converter	2N412	2N446	PNP
X2	2S31	1st IF Amplifier	2N410	2N483	PNP
X3	2S31	2nd IF Amplifier	2N410	2N483	PNP
X4	2S32	Driver	2N406	2N532	PNP
X5	2S33	Output	2N408	2N532	PNP
X6	2S33	Output	2N408	2N532	PNP

## ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP.	VOLT.	REPLACEMENT DATA					NOTES
			FLEETWOOD PART No.	AEROVOX PART No.	CORNING QUINER PART No.	MALLORY PART No.	PYRAMID PART No.	
C1	10	6	PTT-6010	NLW10-6	TT6X10	MLV10-6	TE-1087	
C2	10	6	PTT-6030	NLW10-6	TT6X10	MLV10-6	TE-1087	
C3	30	6	PTT-2580	NLW30-6	TT6X30	MLV30-6	TE-1186	
C4	30	12	PTT-4830	NLW30-15	TT16X30	MLV35-15	TE-1188	
C5	30	12	PTT-4830	NLW30-15	TT16X30	MLV35-15	TE-1188	

## FIXED CAPACITORS

Capacity values shown in the original volume are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING	REMARKS	REPLACEMENT DATA									
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL PART No.	ELEMCO PART No.	MALLORY PART No.	SPRAGUE PART No.	SPRAGUE PART No.	SPRAGUE PART No.	SPRAGUE PART No.	SPRAGUE PART No.
C6	10000		BFD-01	DD-103	BYAL081	CCD-103	B-110	5HK-S10				
C7	10000		SI 10000	DD-103	BYAL081	CCD-103	B-110	5HK-S10				
C8	200		SI 200	DD-201	BYAL081	CCD-201	B-110	5HK-S10				
C9	10000		BFD-01	DD-103	BYAL081	CCD-103	B-110	5HK-S10				
C10	3	0	CBV103AM	DD-503	H-0855	DDP-2-503	GP150	5HK-S50				
C11	200		SI 200	DD-201	BYAL081	CCD-201	B-110	5HK-S10				
C12	200		SI 200	DD-201	BYAL081	CCD-201	B-110	5HK-S10				
C13	10000		BFD-01	DD-103	BYAL081	CCD-103	B-110	5HK-S10				
C14	3	0	NFO-D1 3.0	DD-503	H-0855	DDP-2-503	GP150	5HK-S50				
C15	200		CBV103AM	DD-503	H-0855	DDP-2-503	GP150	5HK-S50				
C16	200		SI 200	DD-201	BYAL081	CCD-201	B-110	5HK-S10				
C17	10000		SI 10000	DD-103	BYAL081	CCD-103	B-110	5HK-S10				
C18	50000		CBV503AM	DD-503	H-0855	DDP-2-503	GP150	5HK-S50				
C19	10000		BFD-01	DD-103	BYAL081	CCD-103	B-110	5HK-S10				
C20	50000		CBV503AM	DD-503	H-0855	DDP-2-503	GP150	5HK-S50				

## CONTROLS

ITEM No.	RATING RESIST. WATTS	REPLACEMENT DATA			INSTALLATION NOTES
		FLEETWOOD PART No.	CENTRALAB PART No.	MALLORY PART No.	
RL	5000Ω				Volume & Switch

## RESISTORS

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

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			REMARKS
			IRV PART No.	WORKMAN PART No.	IRV PART No.	
R2	20K					
R3	10K					
R4	4000Ω					
R5	1000Ω					
R6	1000Ω					
R7	100K					
R8	1000Ω					
R9	1000Ω					
R10	1000Ω					
R11	1000Ω					

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FOLDER 6

