

## Noblitt-Sparks Industries, Inc.

**Model:** 360TFM

**Chassis:**

**Year:** Pre 1951

**Power:**

**Circuit:**

**IF:**

**Tubes:**

**Bands:**

### Resources

**Riders Volume 20 - ARVIN 20-15**

**Riders Volume 20 - ARVIN 20-16**

MODELS 360TFM, 361TFM;  
Ch. RE-260

**LIST FOR 360-361 TFM**

- PARTS**
- C16, 17 Disc. Ceramic Capacitor, .005 uf.
  - C9 Condenser, N500, 5-20 uuf.
  - C10, 21, 22 Condenser, Ceramic, 220 uf., 350 v.
  - C12, 35, 36 Disc. Ceramic Capacitor, .01 uf.
  - C18, 20, 30 Condenser, P. T., .05 uf., 400 v.
  - C19, C43 Condenser, Ceramic, 100 uf., 350 v.
  - C20 Condenser, P. T., .003 uf., 200 v.
  - C23 Condenser, P. T., .5 uf., 200 v.
  - C24, 26 Condenser, P. T., .10%, 400 v.
  - C25 Condenser, P. T., .01 uf., 400 v.
  - C28 Condenser, Ceramic, 500 uf., 350 v.
  - C31 Condenser, Electrolytic, 50-80 uf., 150 v.
  - C32, 33, 34 Condenser, Heric Dial, .004 uf.
  - C38 Condenser, Variable, Assy.
  - C39 Condenser, .001 uf., 350 V.
  - C40, 41 Condenser, 1.5 uuf.
  - C42 Condenser, Electrolytic, 30 uf., 150 v.
  - L1 Antenna Loop Assy.
  - L2 Oscillator Coil Assy. AM

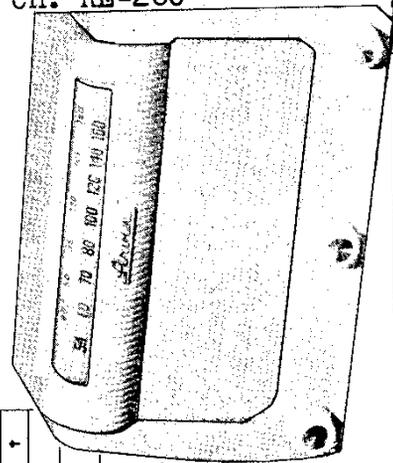
- RESISTANCE MEASUREMENTS**
- A21674
  - A22307
  - C20203-221
  - A22295
  - C20068-503
  - C20203-101
  - C20067-302
  - A22388
  - C20068-103
  - C20068-502
  - C20203-501
  - A22308
  - A20281-1
  - A22324-1
  - C20203-102
  - A20238-3
  - A21675
  - A22316-1
  - AC22329-1

- DESCRIPTION**
- C2006-0-470 Resistor, 47 ohms, 1/4 w, 20%
  - R2, 4, 13 Resistor, 22 K ohms, 1/4 w, 20%
  - R3 Resistor, 15 ohms, 1/4 w, 20%
  - C2006-0-150 Resistor, 470 K, 1/4 w, 20%
  - C2006-0-474 Resistor, 1,000 ohms, 1/4 w, 20%
  - C2006-0-102 Resistor, 1 meg., 1/4 w, 20%
  - C2006-0-105 Resistor, 100 K ohms, 1/4 w, 20%
  - C2006-0-104 Resistor, 220 ohms, 1/4 w, 20%
  - C2006-0-471 Resistor, 470 ohms, 1/4 w, 20%
  - C2006-0-151 Resistor, 150 ohms, 1/4 w, 20%
  - C22336-561 Resistor, Wire-Wound, 560 ohms, 2 w, 10%
  - C2006-0-222 Resistor, 220 ohms, 1/4 w, 20%
  - C2006-0-471 Resistor, 470 ohms, 1/4 w, 20%
  - C20103-220 Resistor, 220 ohms, 1 w, 20%
  - C2006-0-334 Resistor, 330 K ohms, 1/4 w, 20%
  - C21554 Volume Control & Switch, 500 K
  - C22336-101 Resistor, Wire-Wound, 100 ohms, 2 watts, 10%
  - C20203-500 Condenser, Ceramic, 50 uuf, 350 v.
  - A20238-4 Condenser, 2.2 uuf.
  - C20067-503 Condenser, P. T., .05 uf., 200 v.
  - C5 Condenser, Mica, 50 uuf, 500 v.
  - C20205-5 Condenser, N750, 50 uuf, 500 v.

**APPROXIMATE VOLTAGE AND RESISTANCE MEASUREMENTS**

TUBE SOCKET LUGS TO FLOATING GROUND

TUBE POSITION	BAND SW. POSITION	VOLTAGE										RESISTANCE																			
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
12A77 PA Converter	PM	96	-1*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800K	0	0	30	Inf.	22K	22K	100K	22K	20	20
12BE6 AM Converter	PM	+	+	0	AC	AC	AC	AC	AC	AC	AC	AC	AC	Inf., 1 meg.	0	0	0	30	Inf.	22K	22K	100K	22K	20							
12BA6 1st I-f Amp.	PM	-	0	0	AC	AC	AC	AC	AC	AC	AC	AC	AC	22K	.5	50	36	Inf.	Inf.	100K	100K	100K	20	20							
12BA6 2nd I-f Amp. (AM-2)	PM	-	5	0	AC	AC	AC	AC	AC	AC	AC	AC	AC	22K	.5	50	36	Inf.	Inf.	100K	100K	100K	20	20							
1979 AM-FM Det. 1st. Aud. & AVC	PM	-	8	-1.6	-8	AC	AC	AC	AC	AC	AC	AC	AC	AC	410K	0	60	50	†	†	†	†	†	†	†						
50L6 Out-out	PM	0	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	522K	0	60	50	Inf.	Inf.	100K	100K	100K	20	20



All voltage readings not indicated otherwise are +DC.  
 \*Measure with vacuum tube voltmeter.  
 \*\*These lugs are not used in this position of the band switch. The voltage should be zero or slightly negative, and will vary on different sets and with different types of meters.  
 † Infinite resistance or open circuit.  
 ‡ Resistance readings at these points will vary greatly depending on the condition of the electrolytic condenser, the type meter used and the range of the meter. They are all B+ lugs and should have a relatively high resistance.  
**APPROXIMATE DC RESISTANCE OF COILS AND TRANSFORMERS**  
 L1 Loop Antenna .8 ohm. L2 AM oscillator coil, tank 7 ohms, tickler .6 ohm.  
 L3 through L11, FM antenna coil, FM osc. coil and all R-F chokes are much less than 1 ohm.  
 T1 and T2 FM, 10.7 mc. I-F trans., pri. .8 ohm, sec. .8 ohm.  
 T4 and T5 AM, 455 Kc, I-f trans., pri. 10 ohms, sec. 10 ohms.  
 T3 - FM ratio det. trans., pri. 2 ohms, sec. lugs 3 to 4, .4 ohm. Lugs 4 to 5, .4 ohms. Lugs 3 to 5, .1 ohm.  
 T6 output transformer pri. 100 ohms. Sec. .3 ohm.

