

PALOMAR

*Red Devil*

250 R

PWR

RF

REC

HIGH



LOW

Mode

ON



OFF

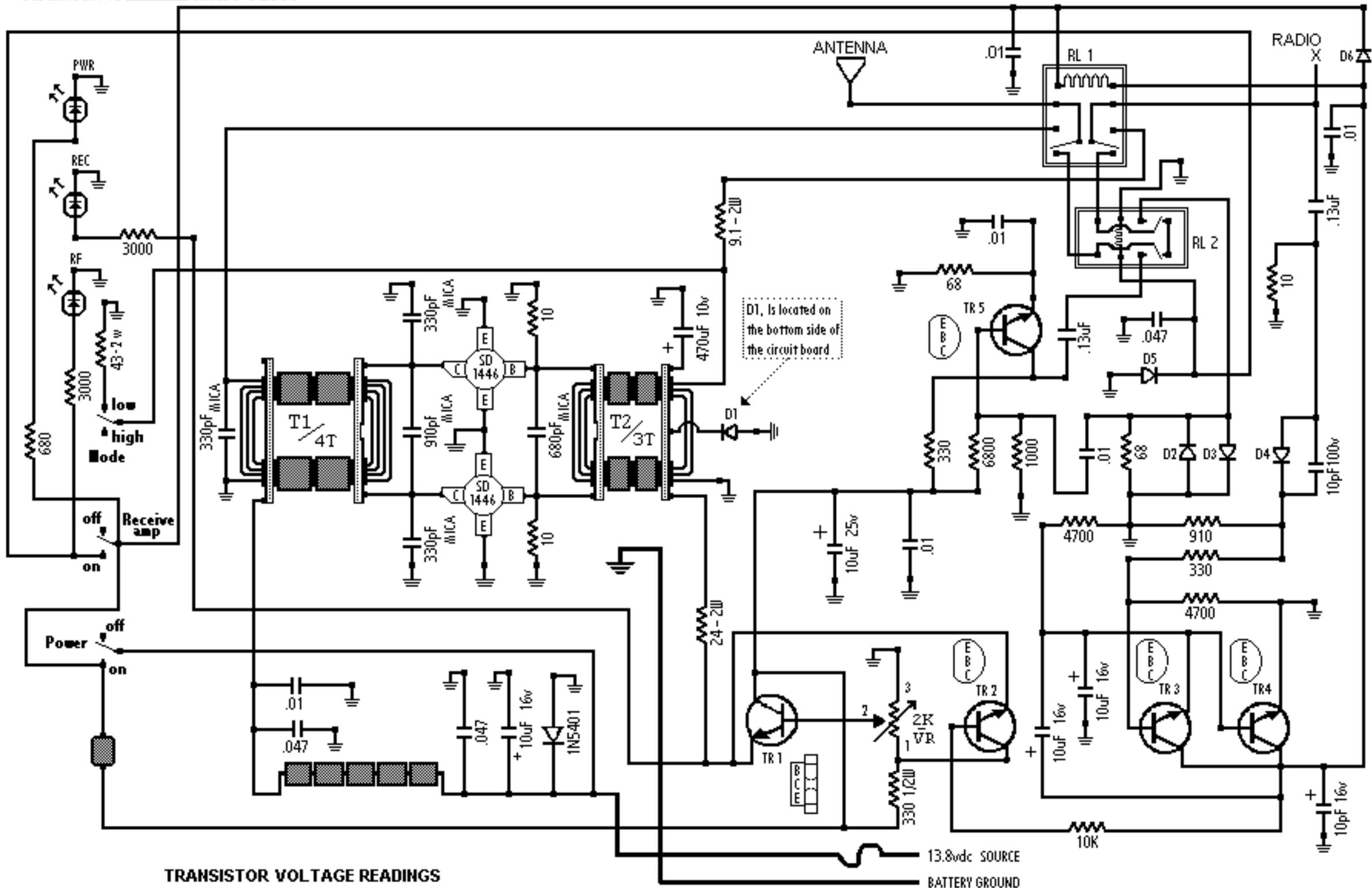
Receive

ON



OFF

Power



**TRANSISTOR VOLTAGE READINGS**

	UN-KEYED			KEYED		
TR-1	E= 0.70	C= 13.80	B= 1.14	E=4.69	C=13.52	B=3.96
TR-2	E= 1.14	C= 1.24	B= 1.90	E=4.01	C=11.51	B=1.02
TR-3	E= 0.00	C= 13.67	B= 0.00	E=0.84	C= 1.00	B=0.02
TR-4	E= 0.00	C=13.67	B= 0.00	E=0.04	C= 1.05	B=0.84
TR-5 (Preamp)	E= 1.05	C= 8.85	B=1.72	E=1.00	C=8.05	B=1.64

TR 2, TR3, TR4, TR5  
Top view  
E  
B  
C  
2N3904 / NTE 123AP  
NPN hFE 200Typ

TR 1  
Top view Front view  
B C E  
TIP 31A / NTE 291  
NPN hFE 75Typ.

SD1446 NPN  
OEM  
Substitute  
MRF 454 / NTE 335

D1, D5, D6  
1N4003  
NTE116

D2, D3, D4  
1N4148  
NTE519

	Unkeyed	Keyed
PIN 1	1.24v	11.51v
PIN 2	0.70v	4.71v
PIN 3	0.00v	0.05v

TO PRINT GO TO PAINT  
FILE / PAGE SETUP / LANDSCAPE / L-25, R-25 & OK  
T-25, B-25