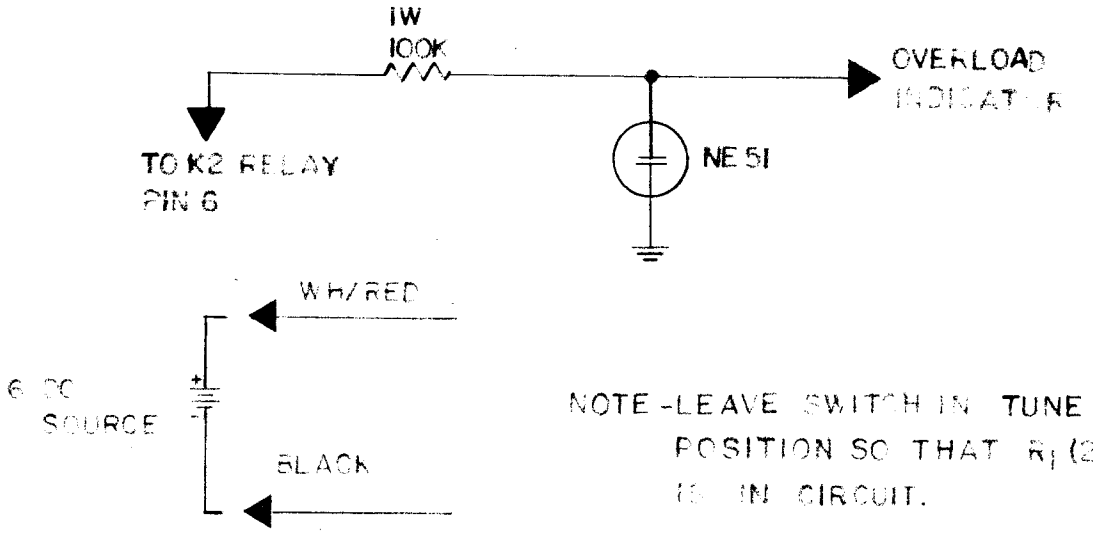
DATE 9-4-59 SH. 1 OF 2 COMPILED BY P. Albis	TMC SPECIFICATION NO. S 447	A
APPROVED CMB	TITLE: MODIFICATION KIT, TEST PROCEDURE, ATS	JOB REV A
	P/O MODIFICATION KIT, TMC NO. 141	

1. Apply 115 V A.C. to red lead and black lead.
2. Connect black lead to ground.
3. Red and yellow should be normally opened (S1)
4. Orange, green and white should be normally closed. (S1)
5. Connect as shown:



7. Connect D.C. Voltmeter (+ to pin 2; - to ground). Turn R1 fully counter clockwise. Slowly turn R1 clockwise in small increments so that the relay energizes at 1.4 volts. Turn R1 a small amount counter clockwise and press reset (overload) switch. Increase input to 3 volts. Relay should now energize.
8. Turn S2 to operate positions so that R2 is in circuit.
9. Turn R2 fully clockwise. Slowly turn R2 counter clockwise in small increments so that the relay energizes at 5.2 volts. Turn R2 a small amount clockwise and press reset (overload) switch. Increase input to 7 volts. Relay should now energize.

DATE 9-4-59 SH. 2 OF 2 COMPILED BY P. Albis	TMC SPECIFICATION NO. S 447	
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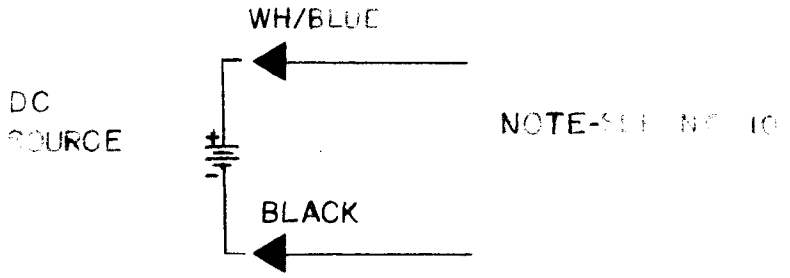
10. Apply DC to blue and white lead to ground (0-10 V.D.C.)

11. Connect D.C. voltmeter + to pin 7 (V2B) - to ground.

12. Turn R4 fully clockwise. Slowly turn R4 counter clockwise in small increments so that the relay energizes at 3 volts. Turn R4 a small amount clockwise and press reset (overload) switch. Increase input to 5 volts. Relay should now energize.



REVISION SHEET	THE TECHNICAL MATERIEL CORP. MAMARONECK NEW YORK	S-447

MODEL ATS PROJECT NO. _____

DATE	REV.	PAGE	EMN #	DESCRIPTION	CHK.	APP.
9/12/62	A	1&2	7344	On Title add: P/O KIT-141		LG