

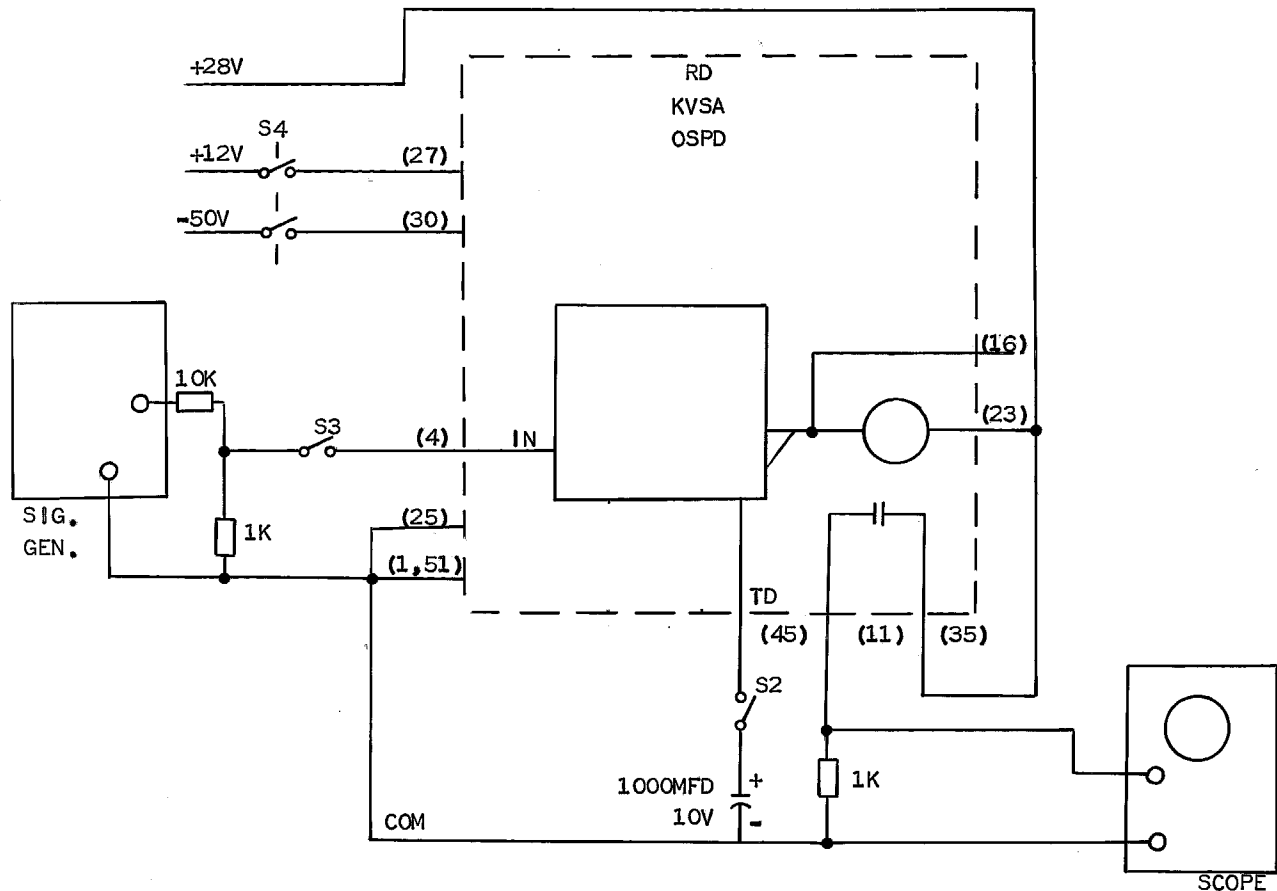
REV. NO. B  
6 8 A 9 8 9 0 4 1  
CONT ON SHEET FL. SH NO. 1

TITLE TEST INSTRUCTIONS  
ZERO SPEED RELAY  
FIRST MADE FOR IC3600KVSA1

CONT ON SHEET FL. SH NO. 1

ELEMENTARY IC3600KVSA1 SH. 3.0  
TEST EQUIPMENT - SET UP PER SKETCH

REVISIONS



1. CLOSE S3 AND S4. SET THE SIGNAL GENERATOR AT 10 HZ. SINE WAVE. ADJUST THE SIGNAL GENERATOR TO GIVE 100 MV.PP ON IN (4). CHECK THAT THE VOLTAGE AT J (7) IS BETWEEN 3.5 AND 5.5VDC. ADJUST R25 FULL CW
2. SET THE SIGNAL ON IN (4) TO 12 HZ, 200 MV P-P. ADJUST R25 CCW UNTIL THE RELAY OPENS.  
A. \* SLOWLY REDUCE THE INPUT FREQUENCY IN STEPS, UNTIL THE RELAY PICKS UP. CHECK THAT THE INPUT FREQUENCY AT THE PICK UP POINT IS BETWEEN 2 AND 5 HZ. CHECK THAT THE VOLTAGE ON J (7) AT PICK UP IS BETWEEN 1 AND 20 VOHS.  
B. \* INCREASE THE INPUT FREQUENCY, IN STEPS, UNTIL THE RELAY DROPS OUT. CHECK THAT THE INPUT FREQUENCY AT DROPOUT IS BETWEEN 7 AND 15 HZ. CHECK THAT THE VOLTAGE ON J (7) AT DROPOUT IS BETWEEN 3V AND 7V.
3. CLOSE S2 AND S3. SET THE SIGNAL ON IN (4) TO 500MV. P-P 2HZ. OPEN S4 (10SEC MIN) AND CHECK THAT THE RELAY DOES NOT PICK UP FOR AT LEAST .5 SEC. AFTER S4 IS CLOSED.
4. CLOSE S4, OPEN S2, AND S3. CHECK THAT THE RELAY IS DROPPED OUT.

\* RECOMMEND 0.5HZ STEPS EVERY 10 SECONDS WHEN NEAR OPERATING POINT.

MADE BY D. M. MILLER	APPROVALS <i>m.m.g.</i>	INDUSTRY CONTROL	DIV OR DEPT.	6 8 A 9 8 9 0 4 1
ISSUED <i>June 29, 1972</i>		SALEM, VIRGINIA	LOCATION	CONT ON SHEET FL. SH NO. 1