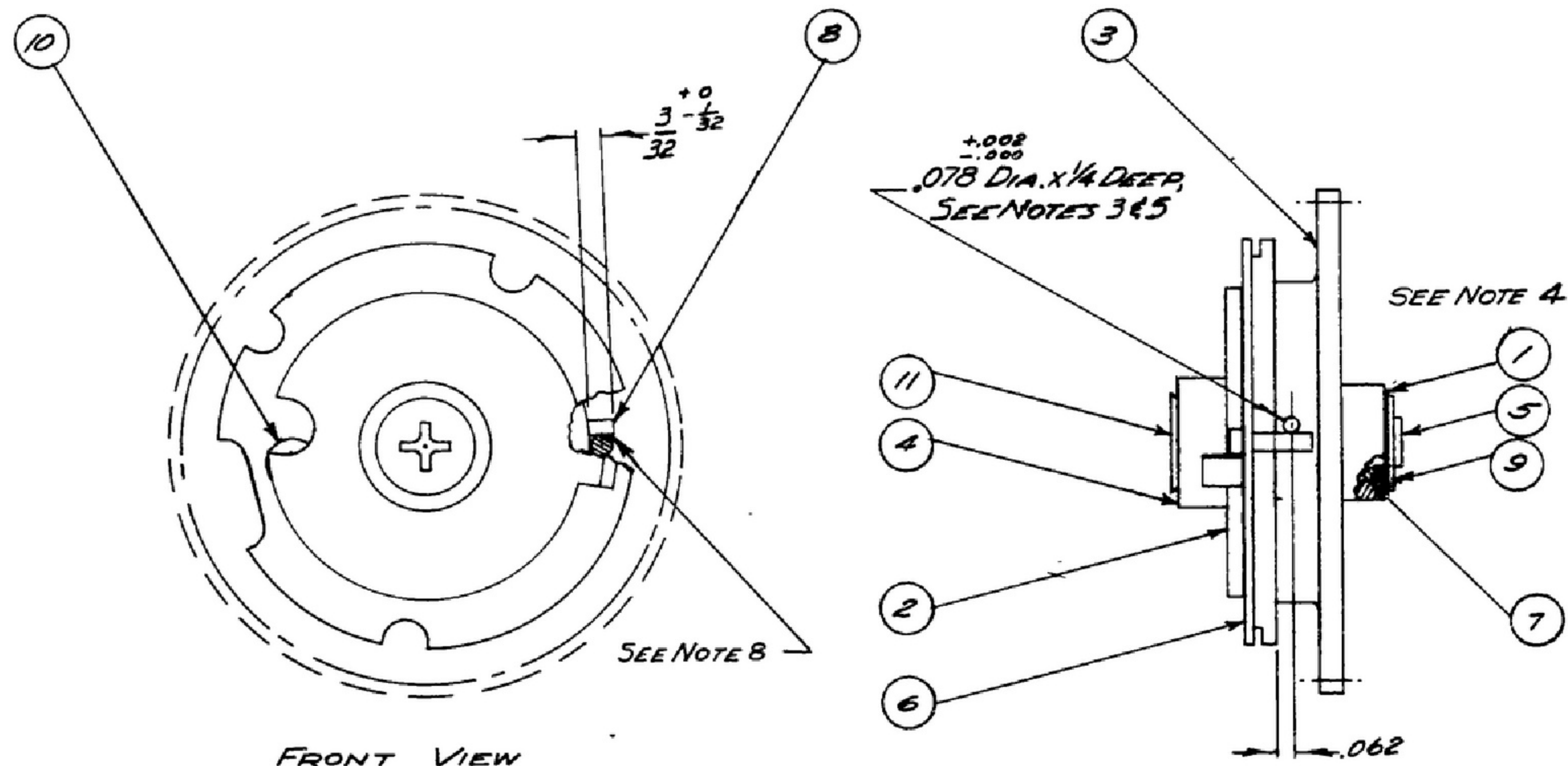


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SWE APPROVAL		REVISIONS			
SYM	PR	SYM	DESCRIPTION	DATE	APPROVAL
<del>SYM</del>	<del>PR10042-3</del>	A <sub>4</sub>	A <sub>1</sub> ADDED NOTE 9 A <sub>2</sub> ITEM B WAS SM-B-283162-1 A <sub>3</sub> IN NOTE 3 GEAR(6) WAS GEAR ASSY(6) A <sub>4</sub> ADDED APPL SM-D-343600	6 OCT 59	4242B-PC 59-AI-51 REV'D PME
B <sub>1</sub>	CA 84703	B <sub>1</sub>	B <sub>1</sub> COLLINS NO'S DELETED & REPLACED BY SWE NO'S	2 MAR 60	4242B-PC 59 REV'D PME



FRONT VIEW

- NOTES:
1. PRESS BEARING (7) IN GEAR (3) FLUSH AT ONE END & MACHINE OPPOSITE END TO AN OVERALL LENGTH OF 406 ± .002. BURNISH BEARING TO .1875 ± .0005 DIA.
  2. ASSEMBLE ITEMS AS SHOWN AND SECURE WITH RING (9) & SCREW (11).
  3. ROTATE GEAR (6) CLOCKWISE & GEAR (3) COUNTERCLOCKWISE, AS VIEWED FROM FRONT, UNTIL BALL (10) STOPS ROTATION. WITH ASSY HELD FIRM IN THIS POSITION DRILL .078 DIA AS SHOWN WITH DRILL SNUG AGAINST PIN OF GEAR (6) PRESS PIN (8) IN GEAR HUB (3) WITH GROOVE TOWARD GEAR FACE TO DIM. SHOWN.
  4. WASHER (1) TO BE USED AS REQUIRED TO LIMIT END PLAY OF ASSY TO A MAX OF .006.
  5. ANY BULGE WHICH RESULTS FROM PRESSING IN PIN (8) MUST BE REMOVED FROM THE FACE OF GEAR (3) ADJACENT TO THE INTERMITTENT GEAR (6).
  6. ASSEMBLE RETAINER RING BURR SIDE AWAY FROM BEARING.
  7. PART SHALL BE .18750 DIA ± .00025, SPHERICITY ± .00015 DIA AS SUPPLIED BY NEW DEPARTURE, BRISTOL, CONNECTICUT OR EQUAL.
  8. MAX CLEARANCE BETWEEN PINS .010.
  9. POST (4) TO BE REMOVED IN NEXT ASSEMBLY

33P205123

11	1	MS35200-3B	SCREW			2
10	1	SM-C248970-1	BALL BEARING	CRES 18-8		7
9	1	SM-B-283174-2	RING-RETAINER			2
8	1	MS-171463	ROLL PIN			
7	1	SM-B-283155-2	BEARING			1
6	1	SM-C-248969	GEAR ASSY-INTERMITTENT			
5	1	SM-B-248933	STUD-INTERMITTENT GEAR			
4	1	SM-B-178732	POST			9
3	1	SM-C-178730	GEAR			
2	1	SM-B-178729	DISC			
1	1	SM-B-178485-5	WASHER			4

LIST OF MATERIAL

DRAWN R.B.B.		CHECKED DL	APPROVED	COLLINS-RADIO CO. CINCINNATI, OHIO 14214-PH-51-93		DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES FORT MONMOUTH NEW JERSEY
UNLESS OTHERWISE SPECIFIED: DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.008 FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±1/64 MACHINED ANGLES MAY VARY ±.1° SHEARED ANGLES MAY VARY ±.25° BROKEN ANGLES MAY VARY ±.1° ECCENTRICITY BETWEEN ANY DIAMETERS ON THE SAME CENTERLINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING. ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.		REVIEWED PME		APPROVED HLY PME		
APPLICATION		SM-D-343600	SM-D-248975	SC-DL-248775	GEAR ASSY-SWITCH	
COLLINS NO.	QTY	NEXT ASSY	USED ON	DATE 29-DEC '55	SCALE 2/1	SM-C-248970