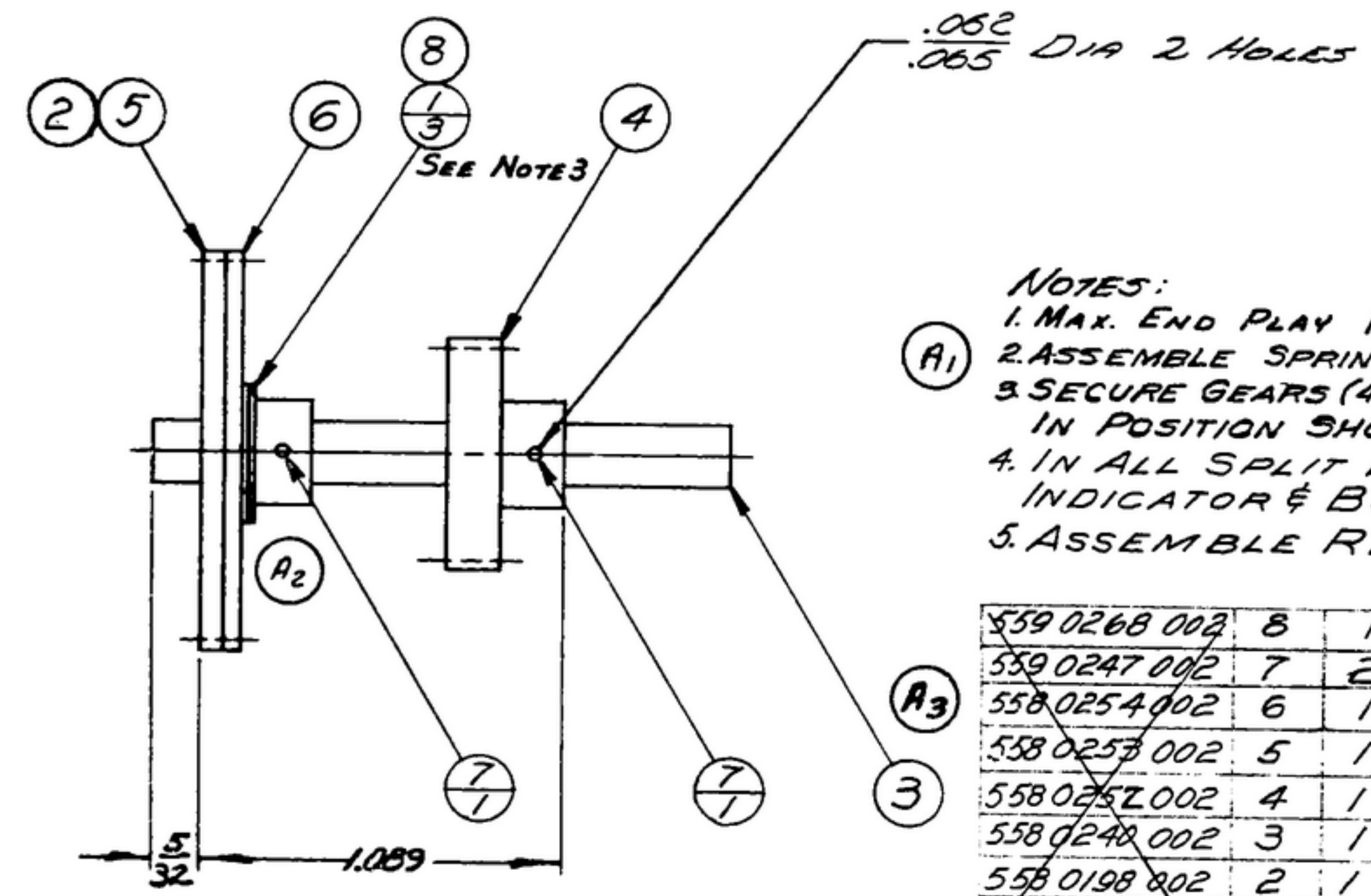


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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A <sub>4</sub>	A <sub>1</sub> -ADDED WASHER (1) TO NOTE 2. A <sub>2</sub> -ADDED DETAIL VIEW TO ITEM 1 & 8 A <sub>3</sub> -ITEM 7 WAS SM-B-283162-2; A <sub>4</sub> -ADDED APPL. SM-D-343600.	1-OCT-59	42428-PC-59 -A1-B1 REV'D PME



- NOTES:
1. MAX. END PLAY IN LOADED GEARS .006.
  2. ASSEMBLE SPRING (2) IN GEARS (5) & (6) & SECURE WITH RING (8) & WASHER (1)
  3. SECURE GEARS (4) & (5) TO SHAFT (3) BY DRILLING AND PINNING IN POSITION SHOWN USING PINS (7).
  4. IN ALL SPLIT BALLOONS, TOP FIGURE IS MATERIAL LIST ITEM INDICATOR & BOTTOM FIGURE IS QUANTITY.
  5. ASSEMBLE RETAINER RING BURR SIDE AWAY FROM GEAR.

COLLINS PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC
559 0268 002	8	1	SM-B-283171-2	RING - RETAINER		
559 0247 002	7	2	MS-171433	ROLLPIN		
558 0254 002	6	1	SM-B-248905	GEAR - SPUR		
558 0253 002	5	1	SM-B-248904	GEAR - SPUR		
558 0252 002	4	1	SM-B-248903	GEAR - SPUR		
558 0248 002	3	1	SM-B-248891	SHAFT		
558 0198 802	2	1	SM-B-248859	SPRING - GEARLOADING		
559 0194 002	1	3	SM-B-248858-2	WASHER		

LIST OF MATERIAL - COLLINS PART NO. 558 0292 002

COLLINS NO.	QTY	NEXT ASSY	USED ON
558 0324 004	4	SM-D-248975	SC-DL-248775
		SM-D-343600	

DRAWN *Mml* CHECKED *Blm* APPROVED

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.

COLLINS RADIO CO.  
 CEDAR RAPIDS, IOWA  
 14214 -PH- 51-93

SIGNAL CORPS  
 REVIEWED *PME*  
 APPROVED *HLV*  
*PME*

DATE *5 DEC 55* SCALE *2/1*

DEPARTMENT OF THE ARMY  
 SIGNAL CORPS ENGINEERING  
 LABORATORIES  
 FORT MONMOUTH NEW JERSEY

*GEAR ASSY*

*SM-B-248943*