

**CANCELLED**

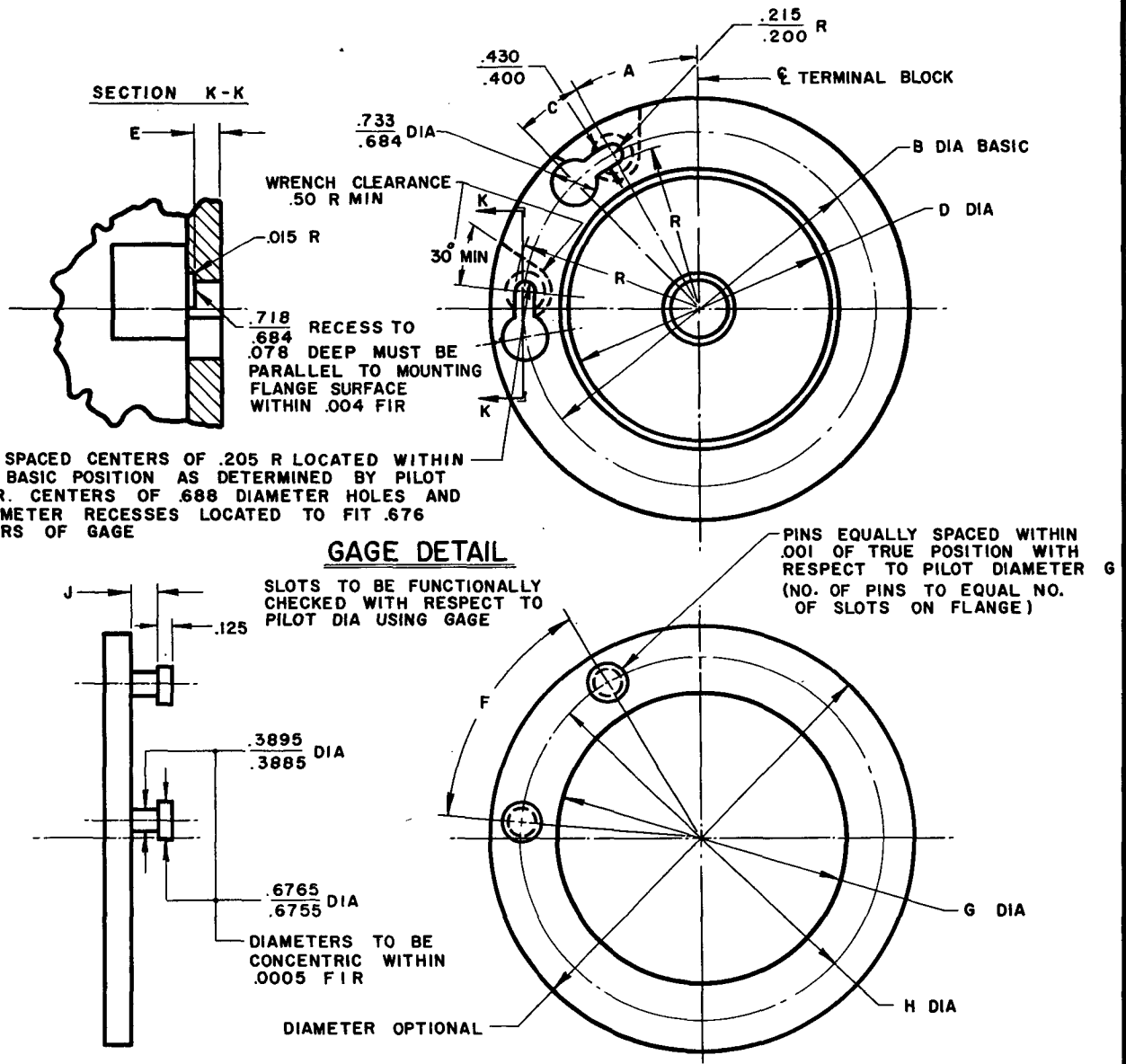
**SOCIETY OF AUTOMOTIVE ENGINEERS, Inc.**  
485 LEXINGTON AVENUE  
NEW YORK 17, N.Y.

**AERONAUTICAL STANDARD AS 474**

**FLANGE-ACCESSORY-SLOTTED MOUNTING HOLES**

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Revised

Section 7C of the SAE Technical Board rules provides that: "All technical reports, including standards approved and practices recommended, are advisory only. Their use by anyone engaged in industry or trade is entirely voluntary. There is no agreement to adhere to any SAE standard or recommended practice, and no commitment to conform to or be guided by any technical report. In formulating and approving technical reports, the Board and its Committees will not investigate or consider patents which may apply to the subject matter. Prospective users of the report are responsible for protecting themselves against liability for infringement of patents."

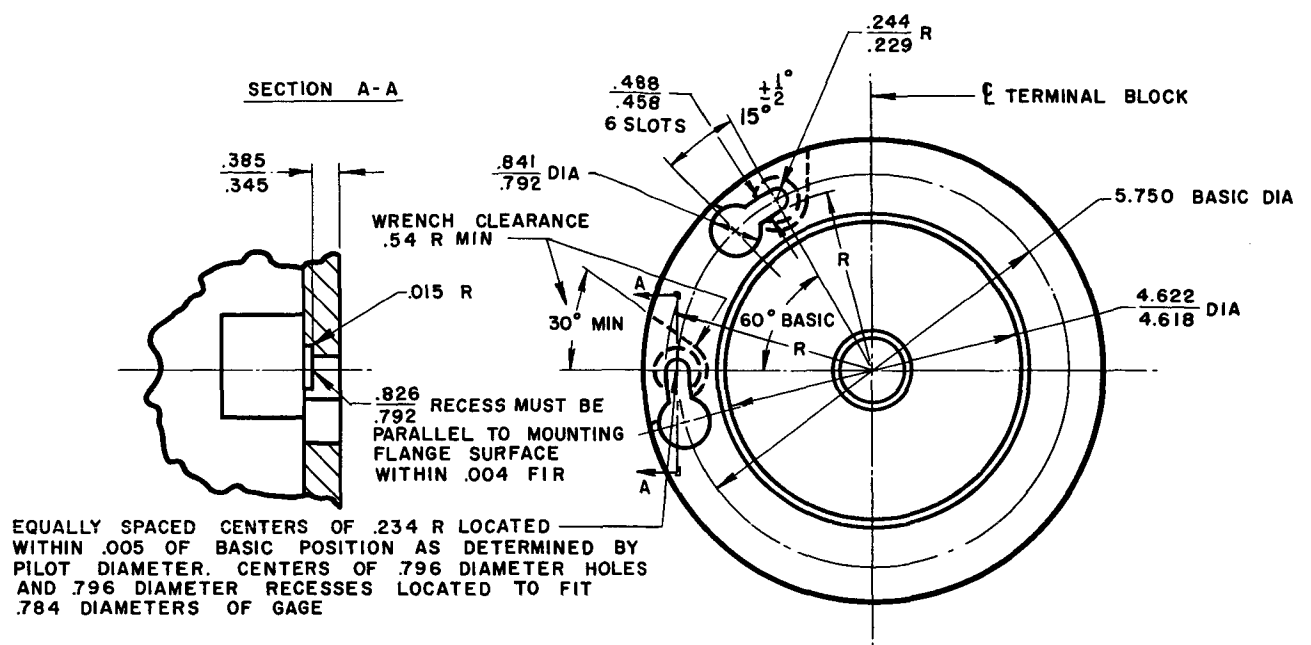


| FLANGE      |               |                         |                           |                                                        |                                                          |
|-------------|---------------|-------------------------|---------------------------|--------------------------------------------------------|----------------------------------------------------------|
| NO OF SLOTS | A ANGLE BASIC | B BOLT CIRCLE DIA BASIC | C ANGLE $\pm \frac{1}{2}$ | D PILOT DIA REF                                        | E $\begin{smallmatrix} +.010 \\ -.030 \end{smallmatrix}$ |
| 6           | 30°           | 5.000                   | 15                        | $\begin{smallmatrix} 4.122 \\ 4.120 \end{smallmatrix}$ | .375                                                     |
| 8           | 22° 30'       | 8.000                   | 9° 30'                    | $\begin{smallmatrix} 6.997 \\ 6.995 \end{smallmatrix}$ | .375                                                     |
| 12          | 30°           | 10.000                  | 7° 30'                    | $\begin{smallmatrix} 8.996 \\ 8.992 \end{smallmatrix}$ | .438                                                     |

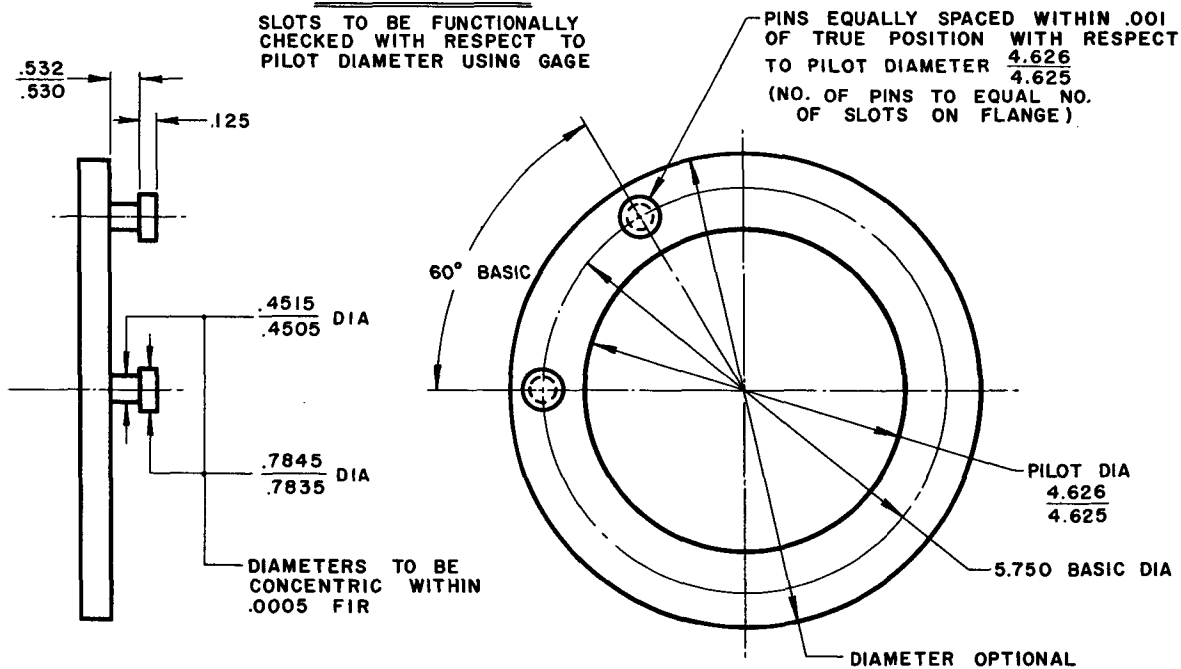
| GAGE          |                                                                    |                         |              |
|---------------|--------------------------------------------------------------------|-------------------------|--------------|
| F ANGLE BASIC | G PILOT DIA $\begin{smallmatrix} +.001 \\ -.000 \end{smallmatrix}$ | H BOLT CIRCLE DIA BASIC | J $\pm .001$ |
| 60°           | 4.125                                                              | 5.000                   | .468         |
| 45°           | 7.000                                                              | 8.000                   | .468         |
| 30°           | 9.000                                                              | 10.000                  | .531         |

REFER TO AS 471, 472, AND 473 FOR DATA NOT SHOWN  
FOR STARTER APPLICATIONS DIRECTION OF SLOTS TO BE SELECTED TO OPPOSE THE TORQUE DEVELOPED BY THE ACCESSORY AT THE .205 RADIUS  
REMOVE ALL BURRS AND SHARP EDGES  
THIS DRAWING AND AS 471, 472, 473, AND 10262 & 10266 COMPLETELY DEFINE THE DESIGN REQUIREMENTS  
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS  $\pm .010$  ANGLES  $\pm 2^\circ$

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## GAGE DETAIL



REFER TO AND 10264 TYPE XIV-D  
DIRECTION OF SLOTS TO BE SELECTED TO OPPOSE THE TORQUE DEVELOPED BY THE ACCESSORY AT THE .234 RADIUS  
REMOVE ALL BURRS AND SHARP EDGES  
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS  $\pm .010$ , ANGLES  $\pm 2^\circ$   
THIS DRAWING AND THE APPLICABLE ACCESSORY SPECIFICATIONS, TOGETHER, COMPLETELY DEFINE THE DESIGN REQUIREMENTS

PREPARED BY SAE COMMITTEE AE-1, JOINT AIRCRAFT ENGINE & ACCESSORY INSTALLATIONS