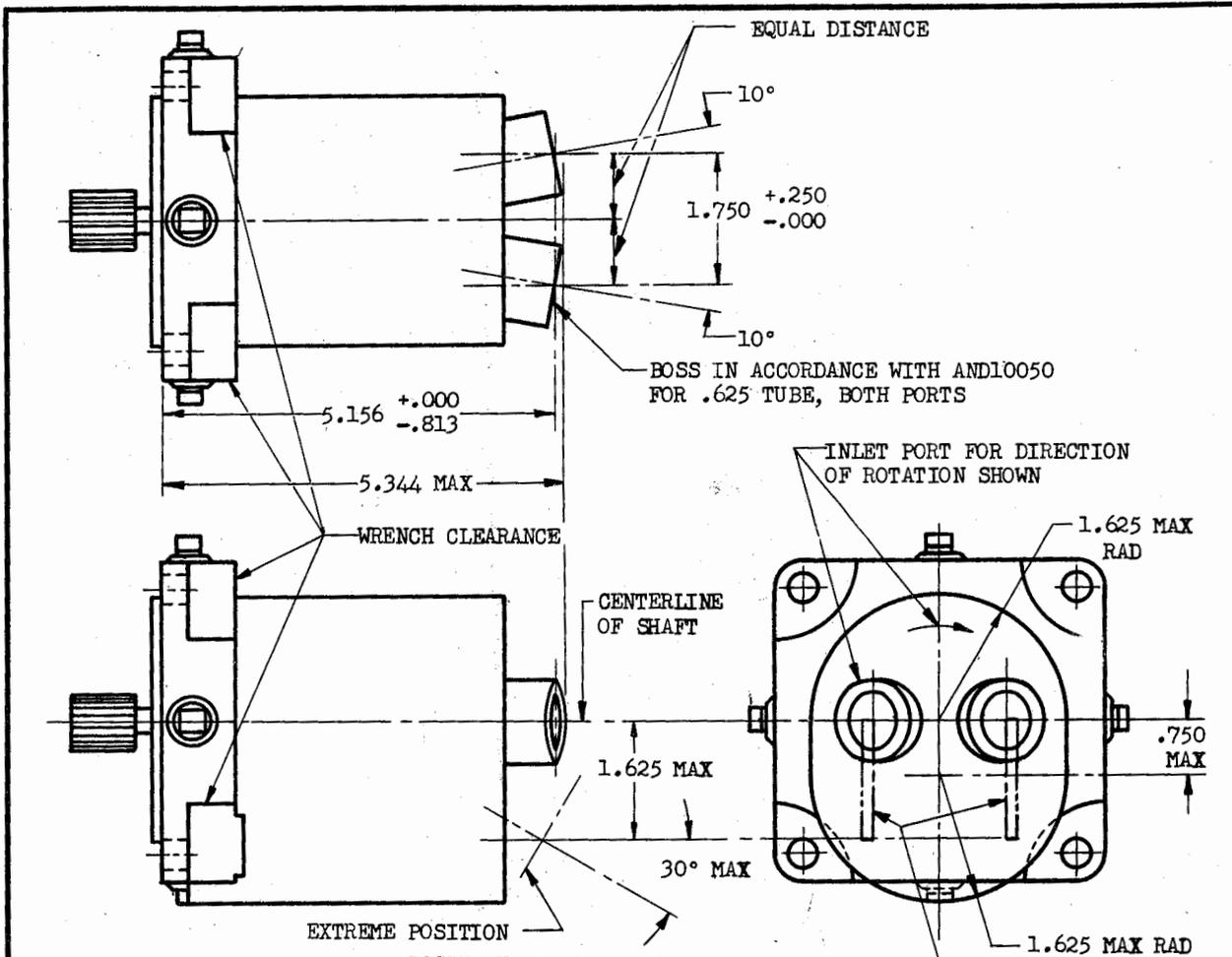


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government contract with the United States Government, the Government assumes no responsibility for any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

AIR FORCE  
 AIR FORCE drawing was approved by joint action of the Air Force and Navy Departments as the standard for this product. This drawing is based on all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than six months after the latest date of approval shown. It may be put into effect, however, at an earlier date after promulgation.



POSITION OF PORTS AS SHOWN IS PREFERRED BUT THEY MAY BE CENTERED AT ANY POINT WITHIN THESE RECTANGLES (1.625 x .125) PROVIDED THEY ARE LOCATED ON A COMMON  $\phi$  AS SHOWN. ALSO THE LONGITUDINAL AXIS OF PORTS MAY BE INCLINED 0° TO 30° IN A VERTICAL PLANE FROM  $\phi$  OF SHAFT AND IN THE DIRECTION SHOWN

AN PART NO.	TYPE OF DRIVE REF DWG
AN4147-1	AND20001

FLANGE THICKNESS .38 (REF) AT MOUNTING HOLES.

MOUNTING FLANGE, DRIVE AND WRENCH CLEARANCE DETAILS SHALL BE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.

REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: TWO-PLACE DECIMALS ±.02, THREE-PLACE DECIMALS ±.005, ANGLES ±.5°.

THE AIRPLANE OR ENGINE MANUFACTURER SHALL ALLOW CLEARANCE FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS DRAWING FOR INSTALLATIONS.

PROCUREMENT  
 SPECIFICATION  
 AN-P-11

AIR FORCE-NAVY AERONAUTICAL STANDARD

PUMP — 1 GPM AT 3000 PSI POWER DRIVEN HYDRAULIC

AN4147

APPROVED 28 Sep 48 REVISED