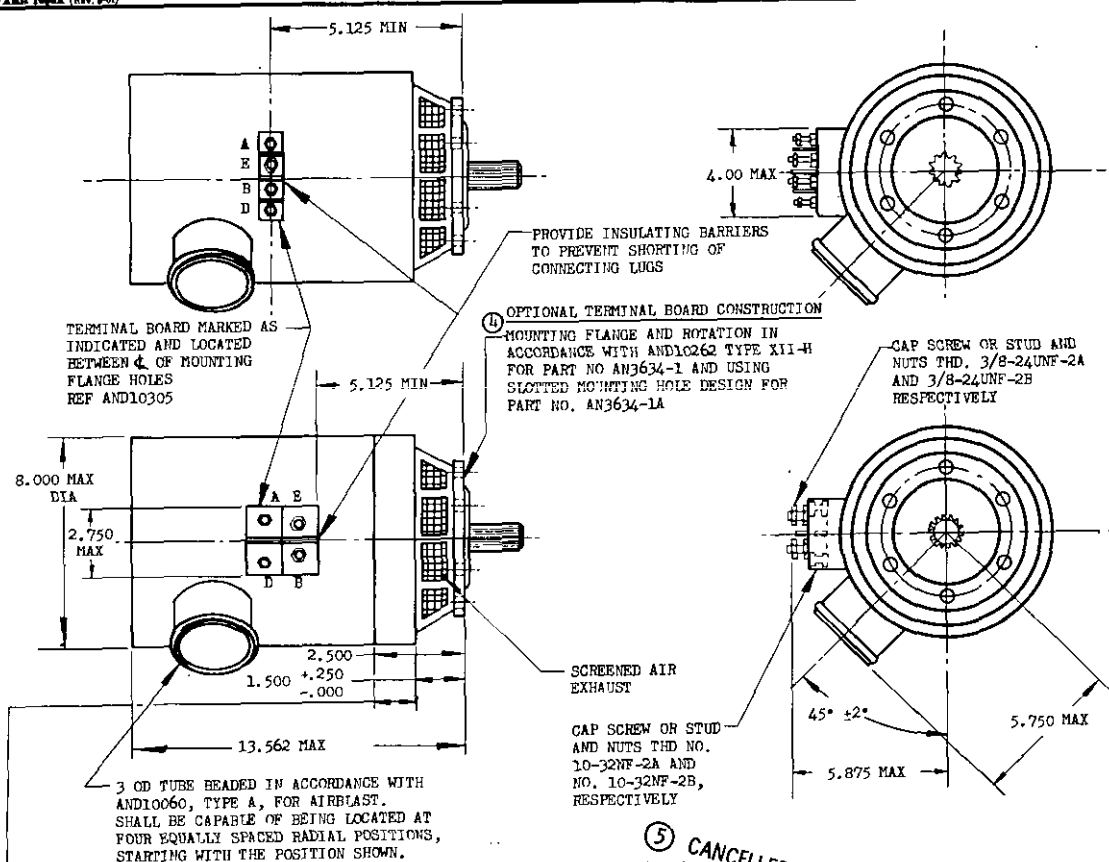


NAVARCH (99A (Rev. 5-51)

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor 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.



THIS FRAME DIAMETER FOR THIS DISTANCE SHALL BE 8.000 ±.0625

AN PART NO.
AN3634-1
(a) AN3634-1A

GENERAL CHARACTERISTICS

PROPERTY	VALUE
RATED VOLTAGE, VOLTS	30
RATED CURRENT, NOMINAL, AMPERES	400
RATED SPEED, RPM	3000/8000
CONTINUOUS OPERATING SPEED, RPM	6000
MIN SPEED FOR REGULATION, RPM	3500
MAX SPEED FOR REGULATION, RPM	10000
OVERSPEED RPM	11000
REGULATED FIELD CURRENT, MAX, AMPERES	8
POWER DISSIPATED BY REGULATOR, MAX, WATTS	90
WEIGHT, MAX, POUNDS	67
EFFICIENCY, MIN, 70 TO 100 PERCENT LOAD, PERCENT	65
MOMENT OF OVERHANG, MAX, POUND-INCHES	350
MINIMUM NATURAL FREQUENCY, CPS	200

AN DESIGNATIONS SHALL NOT BE SHOWN ON GENERATORS UNTIL APPROVAL HAS BEEN RECEIVED FROM THE AERONAUTICAL STANDARDS GROUP AND THE GENERATOR FULLY MEETS THE REQUIREMENTS OF THE SPECIFICATION AND DRAWING.

THIS DRAWING SHALL NOT BECOME EFFECTIVE UNTIL THE GENERATOR SHOWN HEREON IS LISTED IN THE APPLICABLE QUALIFIED PRODUCTS LIST.

THE AIRCRAFT OR ENGINE MFR SHALL ALLOW CONNECTING LEAD LENGTH AND BLAST TUBE LENGTH FOR THE LIMITING DIMENSIONS SHOWN ON THIS DRAWING.

GENERATOR TO BE INSTALLED ON DRIVE CONFORMING TO AND20002.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.062.

THE AIRCRAFT OR ENGINE MANUFACTURER SHALL ALLOW CLEARANCE FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS DRAWING FOR INSTALLATION.

QUALIFICATION TESTS SHALL BE CONDUCTED UNDER THE SUPERVISION OF THE WRIGHT AIR DEVELOPMENT CENTER, WRIGHT-PATTERSON AIR FORCE BASE, OHIO.

A PROTECTIVE COVER OF FLEXIBLE INSULATING MATERIAL SHALL BE PROVIDED FOR THE TERMINAL BLOCK.

(a) PART NO. AN3634-1A IS INTERCHANGEABLE WITH PART NO. AN3634-1.

PROCUREMENT
SPECIFICATION

MIL-G-6162

AIR FORCE-NAVY AERONAUTICAL STANDARD

GENERATOR, DIRECT CURRENT, 400 AMPERES,
30 VOLT, WIDE SPEED RANGE

AN3634

U. S. GOVERNMENT PRINTING OFFICE: 1978-703-122/4042

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Project No. 6115-0201

APPROVED 19 Apr 68 REVISED 1 5 Aug 68 2 7 Jan 69 3 5 Jun 53 4 22 Apr 55 5 15 AUG 78

5 CANCELLED AFTER 15 AUG 1978
by MS3364. Generator MS3364-1 with MS25160-1
Air Inlet supersedes AN3634-1A.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing represents the standard design for the same product and shall become effective for use of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval shown.