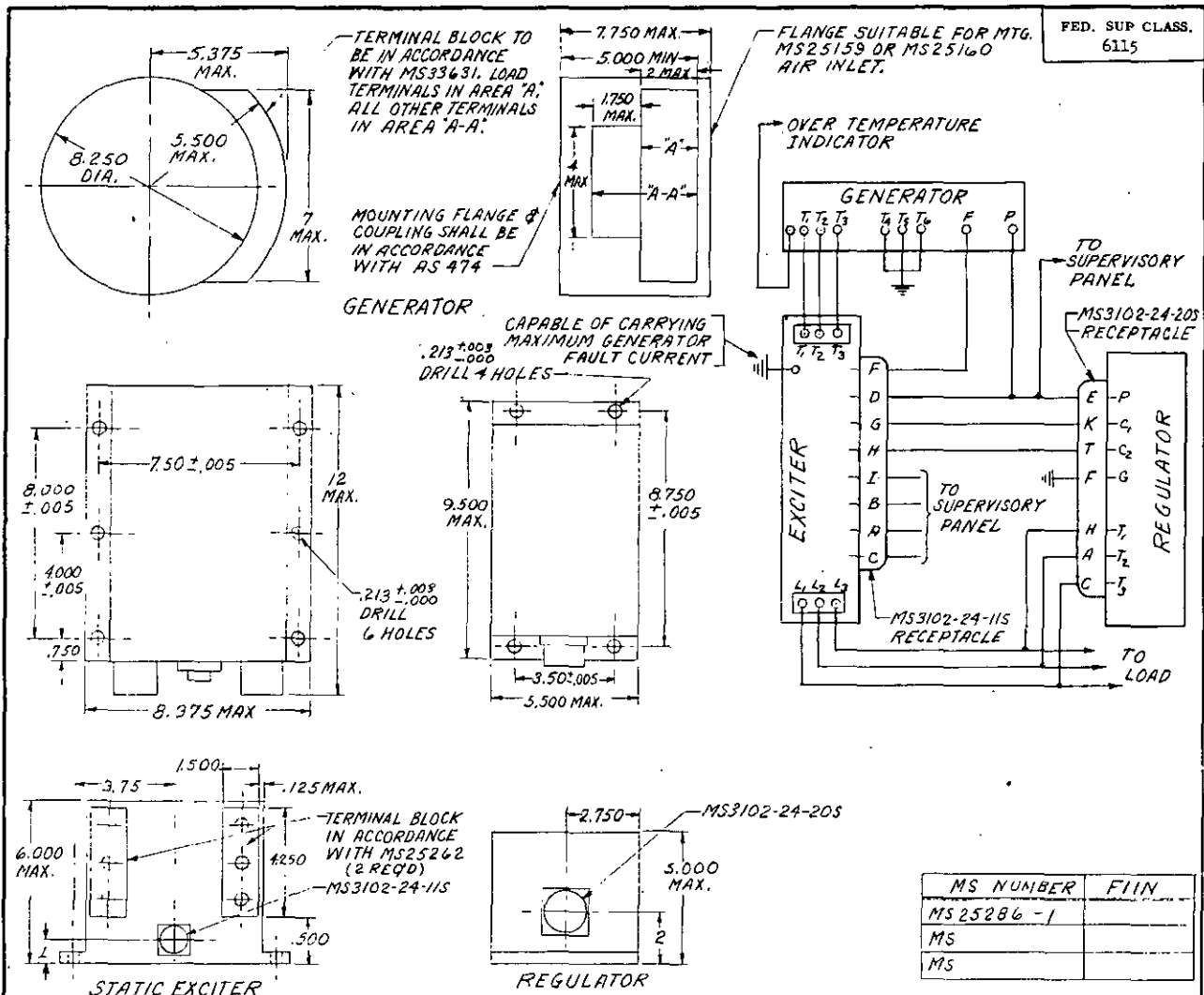


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GENERATOR DATA		REGULATOR DATA	
RATED VOLTAGE	120/208 V (see Note a)	Regulator Weight Max	8 lb.
Rated Output	20 KVA	Voltage Regulation Limits For All Conditions As Per Figure 8 Of Specification	
Phase	3		
Speed Range	7600-8400 RPM	STATIC EXCITER DATA	
Max Speed For Regulation	9000 RPM	Static Exciter Weight Max	17 lb.
Overload	11000 RPM		
Rated Power Factor	.75 Lagging to 1.0		
Efficiency Min At Rated Load	75%		
Max Weight	45 lb.		
Overhung Moment, Max	300 In. lb.		
Frequency	380-420 CPS		
Class	C		

NOTES:

- The rated voltage of the generator shall be that voltage at the output terminals of the exciter.
- Prior to delivery the regulator shall be set at 115/200 plus or minus 0.5/0.86 volts.
- The aircraft manufacturer shall allow connecting lead length and blast tube length for the limiting generator dimensions shown on this drawing.
- The aircraft manufacturer shall provide connecting leads shown.
- The aircraft manufacturer shall allow adequate clearance for installing and removing from the aircraft the generator shown on this standard.
- The aircraft manufacturer shall provide connecting leads from the static exciter to the generator field which will not exceed 0.15 ohms.
- The generating system shall be qualification tested with an external resistance of 0.15 ohms minimum in the generator field circuit.
- The generator system shall be so designed that upon removal of any connector plug the generator and regulator shall be demagnetized.
- Dimensions in inches unless otherwise specified. Tolerances: Decimals ± .062
- All outline dimensions are limiting dimensions only.
- This standard takes precedence over documents referenced herein.
- Referenced documents are of the issue in effect on date of invitations for bid.

CANCELLED

AFTER 28 April 1966 NO SUPERSEDING STANDARD

CUSTODIANS	OTHER INT.	MILITARY STANDARD		MS25286	
Navy - BuAER	A - N - AF -	GENERATOR & REGULATOR AC, AIRCRAFT, STATIC EXCITER, 20KVA, 3 PHASE, 380-420 CPS		(AER)	
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1			