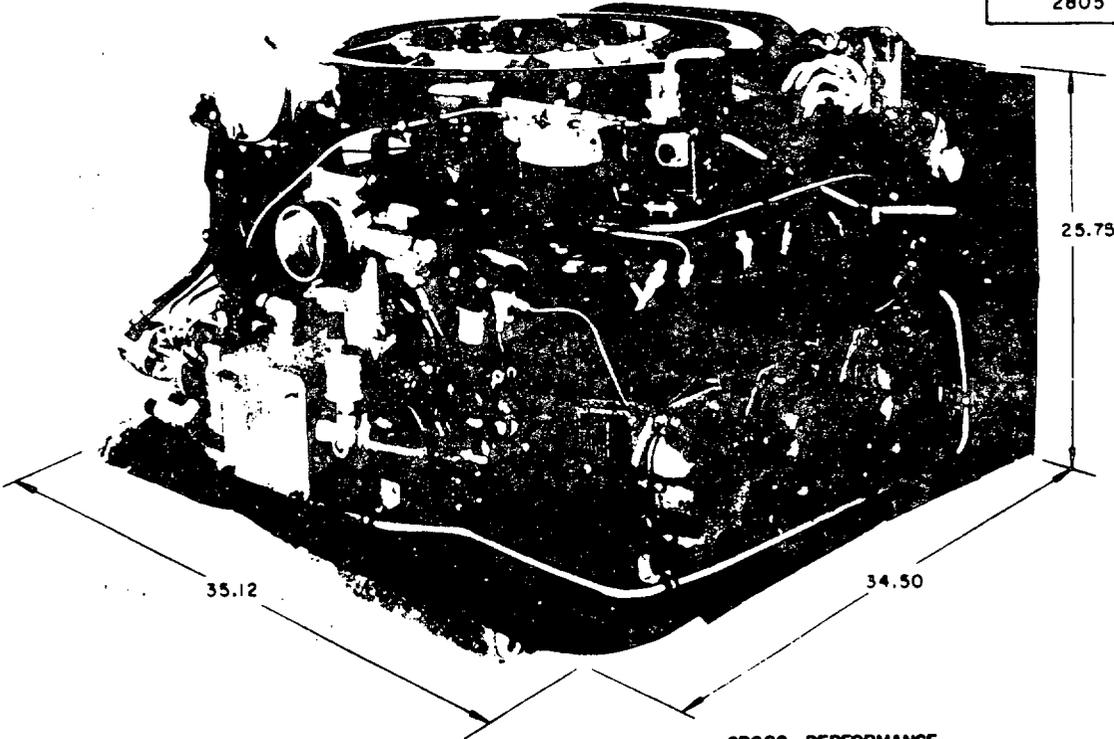


FED. SUP CLASS  
2805

REVIEW ACTIVITY: DSA-CS  
USER ACTIVITIES: ARMY-AV; NAVY-MC



This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

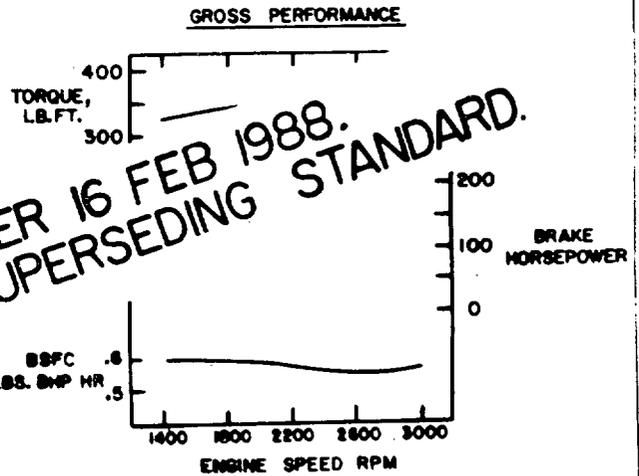
**ENGINE CHARACTERISTICS:**

NUMBER OF CYLINDERS 6  
BORE AND STROKE, INCHES 4.625x4  
DISPLACEMENT, CUBIC INCHES 402  
COMPRESSION RATIO 6.9:1  
TORQUE, MAX. LB. FT. AT 2000 RPM AT FLYWHEEL STANDARD CONDITIONS -  
BHP, AT 2000 RPM, STANDARD -  
INDUCTION SYSTEM -  
IGNITION SYSTEM -  
GENERATOR -  
FUEL SYSTEM -  
WEIGHT, LBS. 699 LBS.\*

\* INCLUDES OIL PAN AND ALL ACCESSORIES EXCEPT

**NOTES:**

1. THIS ENGINE SHALL CONFORM TO HORIZONTAL OPPOSED, 200 BHP WITH FUEL INJECTOR CLASSIFICATION OF MIL-E-45162.
2. ALL THREADS SHALL BE IN ACCORDANCE WITH SCREW-THREAD STANDARDS FOR FEDERAL SERVICES; HANDBOOK H20.
3. DIMENSIONS SHOWN ARE IN INCHES AND ARE FOR ENGINEERING REFERENCE ONLY.
4. MARKING SHALL CONSIST OF THE MS PART NUMBER AND THE MANUFACTURER'S IDENTIFICATION AND SHALL BE IN ACCORDANCE WITH MIL-STD-130.
5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
6. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
7. DRAWINGS AND OTHER INFORMATION PERTAINING TO THIS ENGINE ARE AVAILABLE FROM THE U.S. ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICHIGAN 48090



**(B) CANCELLED AFTER 16 FEB 1988. NO SUPERSEDING STANDARD.**

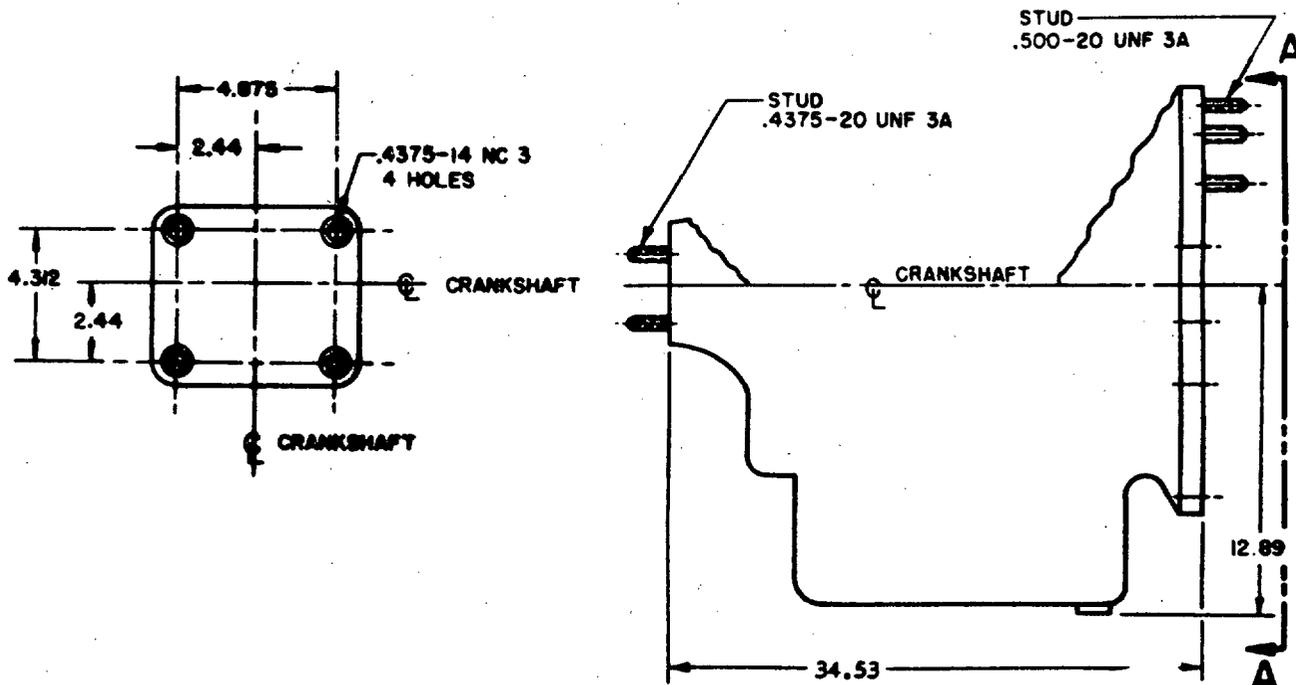
**(A) ENTIRE STANDARD REVISED**

MS PART NO.	ENGINEERING PARTS LIST
MS 51316-1	8745822

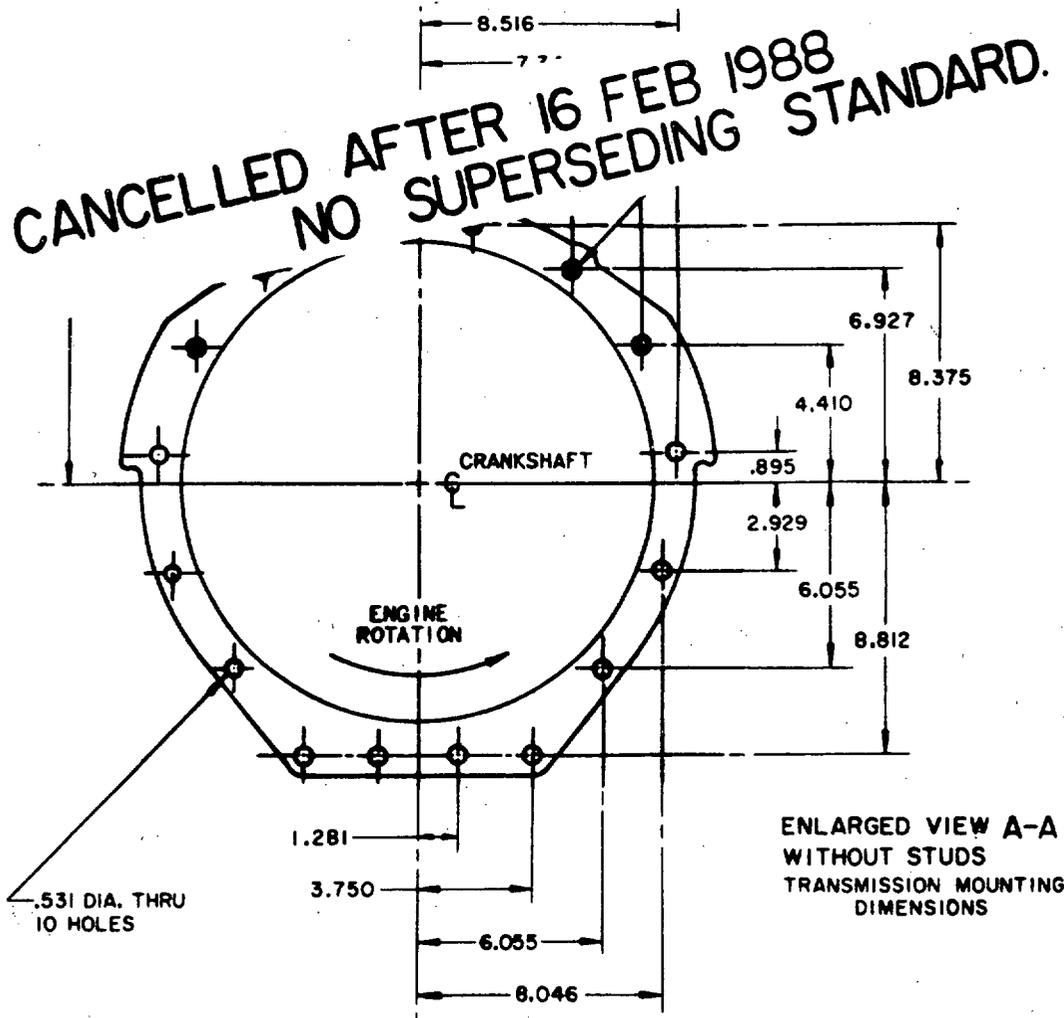
P.A. ARMY-AT Other Cust NAVY - MC	TITLE ENGINE, GASOLINE: AIR COOLED, 402 CU IN DISPL, 4 STROKE CYCLE, RECIPROCATING, AUTOMOTIVE	MILITARY STANDARD <b>MS51316</b>
PROCUREMENT SPECIFICATION MIL-E-45162	SUPERSEDES	SHEET 1 OF 2

APPROVED 26 MAY 1959 REVISED (A) 6 SEPTEMBER 1966 (B) 16 FEB 1988

MOUNTING DIMENSIONS FOR ENGINE MS 51316-1



**(B) CANCELLED AFTER 16 FEB 1988  
NO SUPERSEDING STANDARD.**



ENLARGED VIEW A-A  
WITHOUT STUDS  
TRANSMISSION MOUNTING  
DIMENSIONS

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APPROVED 26 MAY 1959 REVISED (A) 6 SEP 1966 (B) 16 FEB 1988

P. A. ARMY-AT Other Cust NAVY - MC	TITLE <b>ENGINE, GASOLINE: AIR COOLED, 402 CU IN DISPL, 4 STROKE CYCLE, RECIPROCATING, AUTOMOTIVE</b>	MILITARY STANDARD <b>MS 51316</b>
PROCUREMENT SPECIFICATION MIL-E-45162	SUPERSEDES	SHEET 2 OF 2