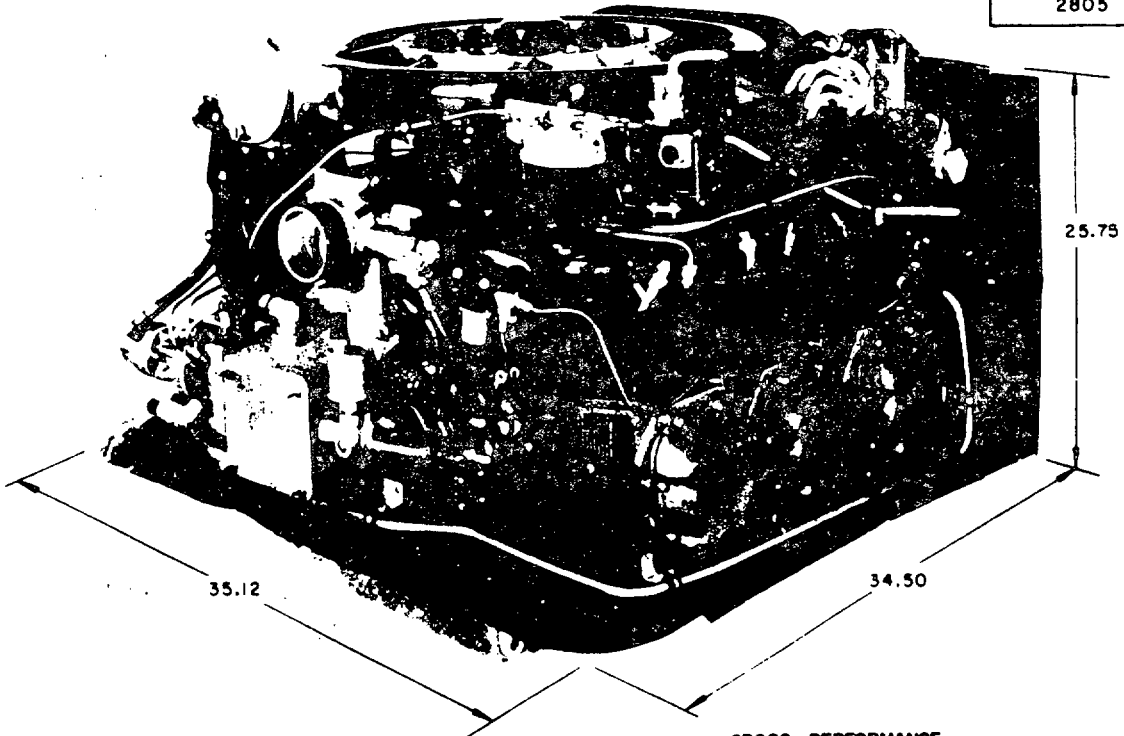
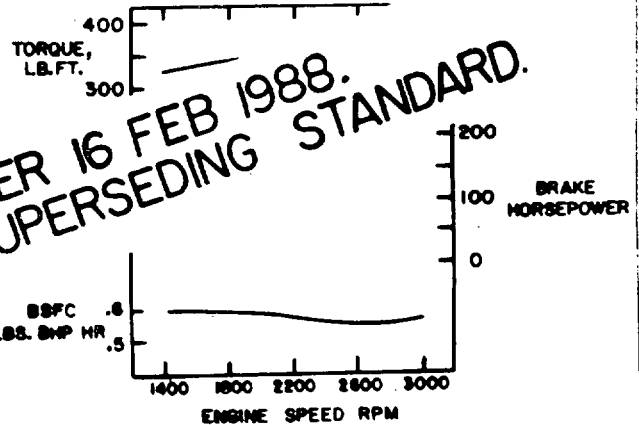


FED. SUP CLASS
2805REVIEW ACTIVITY: DSA-CS
USER ACTIVITIES: ARMY-AV; NAVY-MC

GROSS PERFORMANCE

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 3000 RPM, STANDARD
INDUCTION SYSTEM
IGNITION SYSTEM
GENERATOR
FUEL SYSTEM
WEIGHT, LBS. 699 LBS.*

* EXCEPT
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

(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 MS51316
PROCUREMENT SPECIFICATION MIL-E-45162	SUPERSEDES	SHEET 1 OF 2

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.

DD FORM 672-1

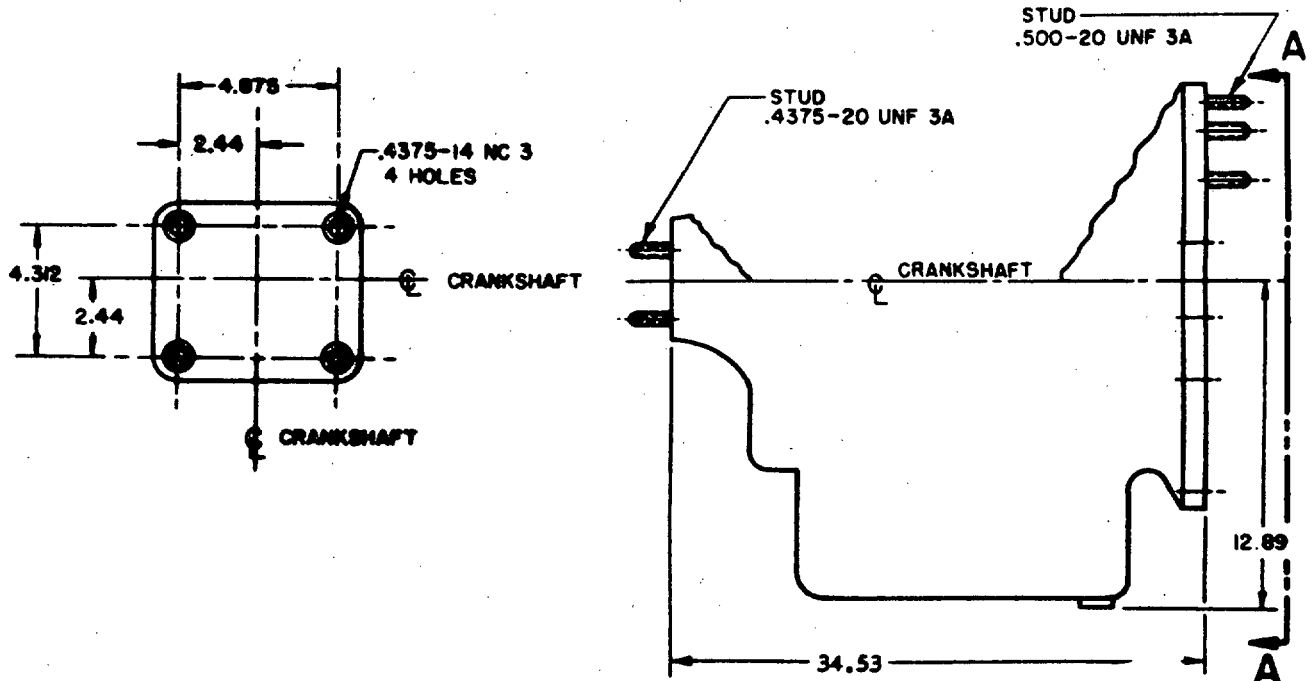
(Coordinated)

REPLACES DD FORM 672-1, 1 FEB 1966, WHICH IS OBSOLETE

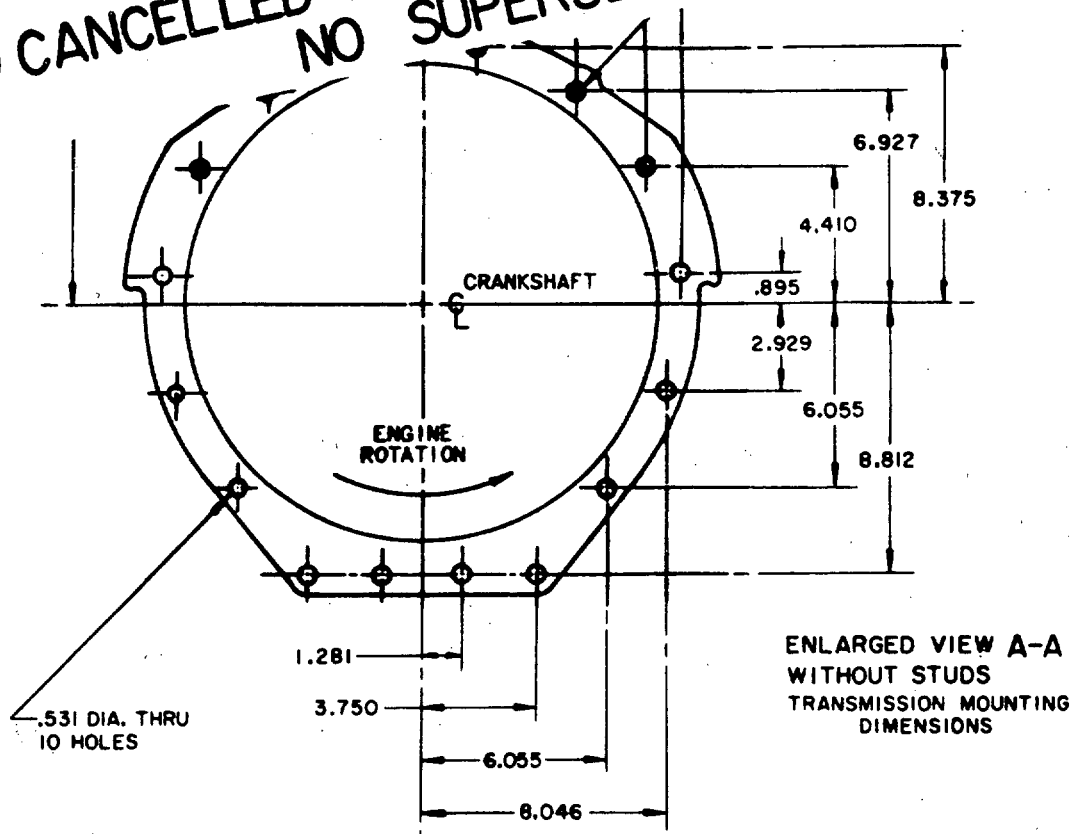
2805-0546

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

MOUNTING DIMENSIONS FOR ENGINE MS 51316-1

FED. SUP CLASS
2805

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



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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 ENGINE, GASOLINE: AIR COOLED, 402 CU IN DISPL, 4 STROKE CYCLE, RECIPROCATING, AUTOMOTIVE	MILITARY STANDARD MS 51316
PROCUREMENT SPECIFICATION MIL-E-45162	SUPERSEDES	SHEET 2 OF 2