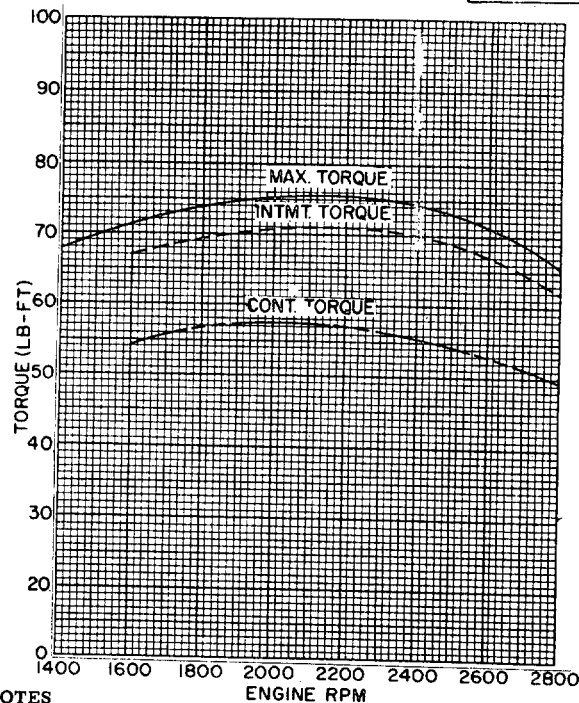
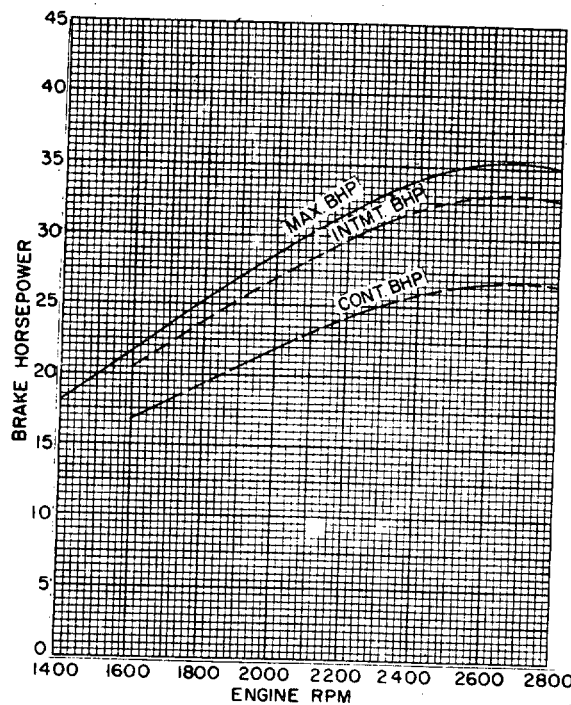




FED. SUP CLASS.  
2805

1. DATA CORRECTED TO STANDARD CONDITIONS (29.92 IN HG, 60°F).
2. MAXIMUM HORSEPOWER AND MAXIMUM TORQUE AT WIDE OPEN THROTTLE.
3. CONTINUOUS DUTY PERFORMANCE CURVES APPLICABLE AT 6000 FT ALTITUDE.

## PERFORMANCE SPECIFICATIONS

FULL THROTTLE BRAKE HORSEPOWER RATINGS			CRANKSHAFT SPEED IN RPM			FULL THROTTLE PERFORMANCE AT RATED RPM UNDER RATED LOAD		
MAXIMUM AT SEA LEVEL	ITMT DUTY	CONT DUTY	FULL THROTTLE RATED	GOVERNED	NO LOAD IDLING	INT MANIFOLD VACUUM (IN. HG)	FUEL CONS. (LB/HR)	SPECIFIC OIL CONS. (LB/BHP/HR)
34	32.0	25.8	2400	1400-2800	800-900	0.9-1.4	21-23	0.012

## FUEL SPECIFICATIONS

SPECIFICATION NUMBER	GRADES FOR AMBIENT TEMPERATURE RANGES		MINIMUM OCTANE RATING
	ABOVE 0°F	BELOW 0°F	
MIL-G-5572	80 - 145	80 - 145	80
MIL-G-3056	TYPE I	TYPE II	80
VV-M-561			80

## LUBRICATING OIL SPECIFICATIONS

SPECIFICATION NUMBER	VISCOSITY GRADES FOR AMBIENT TEMPERATURE RANGES	
	ABOVE 20°F	BELOW 20°F*
MIL-L-2104	30	10
SAE GRADE	30	10

\* WHEN DAILY TEMPERATURES RANGE ABOVE AND BELOW 20°F, USE HIGHER VISCOSITY.

## WEIGHTS

TOTAL DRY WEIGHT (MAXIMUM) ..... 288.0 LB

## ACCESSORIES INCLUDED

ELECTRIC CRANKING MOTOR ..... 24 VOLT  
 FUEL PUMP, ENGINE DRIVEN ..... 4-5.75 PSI  
 CARBURETOR ..... 1 BARREL  
 MAGNETO, RADIO SHIELDED .....  
 IGNITION CABLES, RADIO SHIELDED ..... 5 MM  
 SPARK PLUGS, RADIO SHIELDED ..... 18 MM

## CAPACITIES

OIL SUMP CAPACITY (U.S. QUARTS) ..... 4.5

## RELATED DOCUMENTS

CONTINENTAL MOTORS CORP. DRAWING NO. .... 627093

APPROVED 21 May 1959 REVISED

CUSTODIANS AIR FORCE	OTHER INT. A - N - AF -	MILITARY STANDARD ENGINE-GASOLINE, TYPE GLU-1/U 30 HP PACKETTE (FORMERLY PC30)		MS24557 (USAF)
PROCUREMENT SPECIFICATION MIL-E-26248		SUPERSEDES:		SHEET 2 OF 2

83 FORM 772-1  
1 OCT 62