



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 | NO LOAD 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

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

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