

PIPER MALIBU MATRIX

PA-46R-350T

SPECIFICATIONS

- ENGINE - TEXTRON LYCOMING TIO-540-AE2A
- HORSEPOWER – 350
- TBO – 2000 HOURS
- FUEL TYPE – 100/100LL
- PROPELLER – 3-BLADE HARTZELL
- LANDING GEAR – TRICYCLE/RETRACTABLE
- MAX RAMP WEIGHT – 4358 LBS.
- GROSS WEIGHT – 4340 LBS.
- STD. EMPTY WEIGHT – 2937 LBS.
- STD. USEFUL LOAD – 1421 LBS.
- USABLE FUEL – 120 GALS./720 LBS.
- PAYLOAD (W/FULL STD. FUEL) – 701 LBS.
- WINGSPAN – 43'
- OVERALL LENGTH – 28' 11"
- HEIGHT – 11' 4"
- WING AREA – 175 FT²
- WING LOADING – 24.8 LBS./FT²
- POWER LOADING – 12.4 LBS/HP
- SEATING CAPACITY – 6
- CABIN DOORS – 1
- CABIN WIDTH – 49.5"
- CABIN HEIGHT – 47"

PERFORMANCE

- CRUISE SPEED:
 - I. 75% POWER @ 25,000' – 215 KTS
 - II. 75% POWER @ 10,000' – 190 KTS
- FUEL CONSUMPTION:
 - I. 75% POWER – 20 GPH
 - II. 65% POWER – 18 GPH
 - III. 55% POWER – 15 GPH
- VSO – 58 KTS
- VY – 1150 FPM (SL)
- SERVICE CEILING – 25,000'
- TAKEOFF GROUND ROLL – 1087'
- TAKEOFF OVER 50' OBSTACLE – 2090'
- LANDING GROUND ROLL – 1020'
- LANDING OVER 50' OBSTACLE – 1968'