



Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor

Cessna 206 MT Propeller Performance Specs

Comparison equivalent for Cessna 210 w/ same motor.

Engine: Continental IO-520F @2700rpm

Propellers Tested;

1. McCauley D3A3C401 - 80" 3 blade
(The Hartzell top Prop in 80" was also tested and found similar to the McCauley in weight, but poorer in performance in both climb and speed)
 2. MT MTV-9-D/210-58 - 3 blade composite propeller
 3. MT MTV-15-D/210-58 - 2 blade composite propeller
- Ambient conditions: 1000 MSL and 70F aircraft at #3600

Propeller Weights w/ Spinner

MT 2-blade w/spinner	45 pounds (35 lbs less)
MT 3-blade w/spinner	53 pounds (27 lbs less)
McCauley 3-blade w/spinner	80 pounds

Static Thrust

MT 2-blade	1085 pounds (75 lbs more thrust)
MT 3-blade	1120 pounds (110 lbs more thrust)
McCauley 3-blade	1010 pounds

Take-off distance over 50' obstacle

MT 2-blade	1752 feet (73 ft less T/O dist.)
MT 3-blade	1697 feet (128 ft less T/O dist.)
McCauley 3-blade	1825 feet

Climb performance 1000 MSL & 70F

MT 2-blade	920 fpm (45 fpm better climb)
MT 3-blade	980 fpm (105 fpm better climb)
McCauley 3-blade	875 fpm

Cruise performance 8000 feet 22"mp & 2400 rpm

MT 2-blade	141 knots TAS (7 kts faster cruise)
MT 3-blade	137 knots TAS (3 kts faster cruise)
McCauley 3-blade	134 knots TAS

AND: No RPM limitations!!

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