



Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor

Cirrus SR20

MT Propeller Performance Test Results

TCM IO-360-ES (Take off test weight 3050 lbs) January 2014

Propellers Tested:

MT MTV-12-D/188-59 74" 3 blade composite propeller

Hartzell PHC-J3YF-1MF/F7392-1 74" 3 blade aluminum propeller

Weight:

MT 3-blade w/spinner 44 pounds

Hartzell 3-blade w/spinner 81 pounds

Static Thrust

MT 3-blade 815 pounds @2700 rpm

Hartzell 3-blade 672 pounds @2700 rpm

Take-off distance over 50' obstacle

MT 3-blade 2004 feet

Hartzell 3-blade 2210 feet

Climb performance (Pressure Alt of 6000')

MT 3-blade 675 fpm

Hartzell 3-blade 555 fpm

Cruise performance 8000 feet 22"mp & 2700 rpm

MT 3-blade 156 knots TAS

Hartzell 155 knots TAS

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