

Propeller	7666-()	7496-() "BA"	7497-() "BA"
Engine Configuration Engine: Lyc O-360-A1A Crank: 180 Hp w/o dampers Compression Ratio: 8.5:1 Ignition: Std. Mags.	Placards: Avoid continuous ops 2000-2250 RPM Diameter: 74-72" *Note 9	Placards: - Do not operate above 22" MP below 2350 RPM - Ops above 2600 RPM limited to takeoff only Diameter: 74-72"	Placards: None Diameter: 74-72" *Note 9
Engine: Lyc O-360-A1A Crank: 180 Hp w/o dampers Compression Ratio: 8.5:1 Ignition: One Lightspeed, one mag	Placards: - Avoid continuous ops 2000-2250 RPM - Ops above 2600 RPM limited to takeoff only - Propeller blades are life- limited to 8700 hrs. Diameter: 74-72"	Placards: - Do not operate above 22" MP below 2350 RPM - Ops above 2600 RPM limited to takeoff only Diameter: 74-72"	Combination not tested - similar to Std. Mags.
Engine: Superior O/IO-360-B1A2 Crank: 180 Hp w/o dampers Compression Ratio: 8.5:1 Ignition: Std. Mags	Placards: - Continuous ops prohibited above 20" MP between 1950-2300 RPM - Ops above 2600 RPM limited to takeoff only Diameter: 74-73"	Placards: None Diameter: 74-72"	Combination not tested
Engine: Lyc O-360-A1A Crank: 180 Hp w/o dampers Compression Ratio: 8.5:1 Ignition: Std. Mags and/or Lightspeed or Unison LASAR	Combination not tested w/ LASAR	Placards: - Do not operate above 22" MP below 2350 RPM - Ops above 2600 RPM limited to takeoff only Diameter: 74-72"	Combination not tested - similar to Std. Mags.
Engine: Lyc IOF-360-A1A Crank: 180 Hp w/o dampers Compression Ratio: 8.5:1 Ignition: Aerosance FADEC	Combination not recommended	Placards: - Do not operate above 22" MP below 2350 RPM - Maximum (red line) RPM limited to 2650 RPM Diameter: 74-72"	Combination not tested
Engine: IO-360-A1A Crank: 200 Hp w/o dampers Compression Ratio: 8.7:1 Ignition: Std. Mags	Placards: Avoid continuous operation between 2000-2250 RPM Diameter: 74-72" *Note 9	Combination not recommended	Placards: Continuous ops prohibited above 24" MP between 2350-2550 RPM. Diameter: 74-72" *Note 9
Engine: IO-360-A1B6 Crank: 200 Hp w/ dampers Compression Ratio: 8.7:1 Ignition: Std. Mags	Placards: None Diameter: 74-72" *Note 9	Combination not recommended	Placards: None Diameter: 74-72" *Note 9
Engine: IO-390-X Crank: 200 Hp w/ dampers Compression Ratio: 8.7:1 Ignition: Std. Mags	Combination not tested	Combination not tested	Placards: None Diameter: 74-72"
Engine: IO-360-M1() Crank: 180 Hp w/o dampers Compression: 8.5:1 Ignition: LASAR Exhaust: Powerflow	Combination not tested	Combination not recommended	Placards: None Diameter: 74-72"
*Note 9 means it is an approved propeller-engine combination listed in Note 9 of TCDS P-920			
Van's only endorses the 74" propeller for RV-4s with long gear legs and the RV-6/6A, 7/7A and 8/8A.			
NOTE: Propeller vibration characteristics and stress amplitudes on a reciprocating engine installation are primarily mechanically generated by the engine. Any modification to the standard engine configuration to include high-compression pistons, electronic ignition, FADEC, tuned induction and exhaust, and turbo-charging turbo-normalizing have the potential to adversely affect the propeller vibration characteristics and stress amplitudes. Hartzell Propeller therefore does not endorse such engine modification unless the specific engine and propeller configurations have been tested and found to be vibrationally acceptable according to 14 CFR 23.907.			