

On 5/13/2020 at approximately 0840 hours while riding in N301HH with owner George Shandel, we experienced a prop overspeed followed by an engine failure. This occurred during a confidence flight following the removal and replacement of the propeller and governor. Take off was normal with the exception of max rpm being 2550 instead of 2700. We climbed up to about 6000 feet then we turned around east of Carefree and started back to DVT. Lined up on final about 5 miles out (inside of cave creek road) the prop oversped. At that point Jud pulled the power back which slowed the prop to under 2700. About a minute later something let loose and we got a bad vibration and smoke out of the engine and then it quit. At that point we were about 3 miles out and lined up on 25R. We continued straight ahead and put down in the park.