

Dear Mr. Coy,

As regards the issue of inspection of the engine after a propeller strike, we usually find that when propeller strike happens, the main engine part that it is affected is the shaft that connects the crankshaft with the accessories case across the supercharger (the part from the next picture).



About our experience on three cases from four propeller strikes, this shaft was broken or twisted on the spline zones. We strongly recommend that this item to be inspected at least, because this shaft drives all the engine accessories (magnetos, fuel pump, oil pump, etc.). If this shaft fails then the engine quits immediately.

On the next drawing it is shown the position of this shaft on the M-14P engine.

