

## Examination Report

Date: 4/13/16  
Time: 0930-1100 EDT  
Location: Ft. Pierce  
NTSB: Daniel Boggs  
Parties: Adam Gerhardt, AS-20

### Synopsis

#### **A. Accident**

Place : Ocala, FL  
Date : 4/9/16  
Vehicle : Mooney, M20K  
NTSB Case # : ERA16FA150  
Investigator : ASI – Brian Rayner

#### **B. Components Examined**

Make : McCauley Prop Model  
: 2A346216  
Serial Number : 807551

#### **C. Detail of Analysis**

The propeller was removed off the engine when received. The propeller blades showed light scratches on one blade and bent aft.



Photo: propeller blades.

The Pitch change rod and Spring were unremarkable.



Photo: pitch change rod and spring.

The Blade knobs were unremarkable, however the pitch change blocks were fractured in several pieces, this is indicative to impact damage.



Photo: blade knobs, pitch change blocks

Summary:

The propeller showed signs of little to no power at impact.