

Section
8

Section 8: Propeller Log Book

8. 1/7/19

N731DM

Tach: 1929.5

D	Removed MT propeller. Installed New WW 74HRT propeller (Hub #74HRT-655) (Blade Numbers 065, 066). Checked fit and blade runout.	aul
D	Returned aircraft to Phase I flight testing, 5.0 hrs required within the test box originally assigned. Initial test flight this date found abnormal vibrations.	tion
All work performed by David McManness/builder. Certificate Number: 3253131		

Date:				rhaul
3/27/19	N731DM	Tach: 1940		
Completed Phase I checkout of new prop. All performance factors, Vs speeds and flight regimens normal. Made corrections to Weight and Balance. Made corrections to POH for W&B, speeds and durations, Vx, Vy, Vs0, Best Glide. Propeller balanced but excessive vibration still existed. Returned propeller to WW for repair.				s, t
All work performed by David McManness/builder. Certificate Number: 3253131				

Date	5/21/19	N731DM	Tach: 1960.1
De	Removed MT propeller. Installed New WW 74HRT propeller (Serial # 74HRT-655) (Blade Numbers 075, 076). Checked fit and blade runout. Dynamic balance new prop. Returned aircraft to Phase I flight testing, 5.0 hrs required within the test box originally assigned. All work performed by David McManness/builder. Certificate Number: 3253131		

Date	5/24/19	N731DM	Tach: 1965.1
De	I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation. The following aircraft operating data has been demonstrated during flight testing: Vs0 55kt, Vx 60kt, Vy 80kt, at 1500 lbs and CG 82.6 inches All work performed by David McManness/builder. Certificate Number: 3253131		

Date:	Total Propeller Time	Total Time Since Overhaul
1/14/2020	N731DM	Tach:2058
Removed old governor (Model P-860-4 Serial 06G018-F) and replaced with factory new P-860-4 Serial 19G614-I. All work performed by David McManness/builder. Certificate Number: 3253131		

Date:	Total Propeller Time	Total Time Since Overhaul
10/26/2021	N731DM	Tach: 2222
Description: Dynamic Balance engine/prop 0.04ips. All work performed by David McManness/builder. Certificate Number: 3253131		

FOR PROP LOG

10/21/2022	N731DM	Tach:2340
D	Remove WW Propeller and send to factory for service. Prop starting to throw grease.	
D	Prop retuned, installed on airplane, test flown. Propeller snap ring popped off while in flight. Removed propeller and returned to WW. They found an improper spacer under the snap ring. Replaced all o-rings and retuned to me. Installed and test flown. Inspected prop after test flight. Balance prop to 0.04 ips. Propeller okay to return to service.	
All work performed by David McManness/builder. Certificate Number: 3253131		

Date:	Total Propeller Time	Total Time Since Overhaul
Description of Work		Repairman & Repair Station Certificate Numbers