



Photo 1

Propeller Record General Information

Propeller Manufacturer IVO PROP CORP.

Model ML36B

Type ELECTRICAL VARIABLE PITCH

Hub Series #

Blade #

9SM7-73M7-55R7

Date of Manufacture

Make/Model

Serial #

Aircraft Installed On:

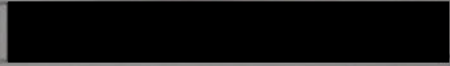
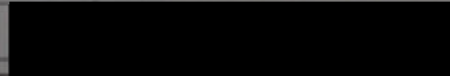
VELOCITY ELITE 16

DMD 339

INSTALLED 2/4/98

Photo 2

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date <u>3/21</u> 19 <u>98</u>	Total Time in Service <u>2.9</u>	Description <u>RETORQUE HUB BOLTS TO 65 FT LBS</u>
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # 
Date <u>4/23</u> 19 <u>98</u>	Total Time in Service <u>6.5</u>	Description <u>RETORQUE HUB BOLTS TO 65 FT LBS</u>
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # 
Date <u>4/30</u> 19 <u>98</u>	Total Time in Service <u>12.4</u>	Description <u>RETORQUE HUB BOLTS TO 65 FT LBS</u>
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # 

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Date 6

19 98

Next
Due:

Date 9

19 98

Next
Due:

Date 1

19 98

Next
Due:

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Photo 3

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Date: 8/29 19 98	Total Time in Service	Description
	16.3	RETORQUE PROP BOLTS TO 45 FT LBS
Next Inspection Due:	Time Since Overhaul	REPLACE MOTOR BRUSHES.
Date: 2/28 19 99	Total Time in Service	Description Remove prop motor and return to
	68.9	IVO prop corp for upgrade.
Next Inspection Due:	Time Since Overhaul	
Date: 3/27 19 99	Total Time in Service	Description Replaced upgraded prop motor.
	68.9	install new tape between prop sections
Next Inspection Due:	Time Since Overhaul	

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☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date 8/26 2000	Total Time in Service 142.4	Description REPLACED 3 STAINLESS STEEL PROTECTOR TIPS REPAIRED NICKS ON PROP BLADES
Next Inspection Due:	Time Since Overhaul	
Mech. Cert. # or Repair Station #		
Date 9/7 2001	Total Time in Service 185.7	Description REPLACED 3 STAINLESS STEEL PROTECTOR TIPS, RETORQUE PROP BOLTS TO 65 FT LB
Next Inspection Due:	Time Since Overhaul	
Mech. Cert. # or Repair Station #		
Date 2/4/02	Total Time in Service 209.7	Description REPLACED 3 STAINLESS STEEL TIPS RETORQUE PROP BOLTS TO 65 FT LB.
Next Inspection Due:	Time Since Overhaul	
Mech. Cert. # or Repair Station #		

Date 9/1 19 2000	Next Insp Due:
Date 20 19	Next Insp Due:
Date 9 20	Next Insp Due:
Date 9 20	Next Insp Due:

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HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Date 9/26 2003	Total Time in Service 210.2	Description REPLACED BRUSHES IN MOTOR DRIVE Checked Prop Bolts FOR PROPER TORQUE
Next Inspection Due:	Time Since Overhaul	

Date 9/22 2004	Total Time in Service 223.9	Description Checked Prop bolts checked motor brushes
Next Inspection Due:	Time Since Overhaul	

Date 9/24 2005	Total Time in Service 248	Description REPLACED 3 STAINLESS STEEL PROTECTIVE TIPS, check DRIVE MOTOR Brushes. check PROP BOLTS TORQUE
Next Inspection Due:	Time Since Overhaul	

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☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date	574 2006	Total Time in Service	253.1	Description	REPLACED DRIVE MOTOR BRUSHES RETORQUE PROP BOLTS TO 65 LBS
Next Inspection		Time Since			

Date	10/8 2007	Total Time in Service	274.9	Description	REPLACED 3 STAINLESS STEEL PROTECT TIPS. CHECKED TORQUE ON PROP BOLTS
Next Inspection Due:		Time Since Overhaul			
				Mech. Cert. # or Repair Station	

Date	10/28 2008	Total Time in Service	297.9	Description	CHECK PROP BOLTS, STAINLESS STEEL TIP PROTECTORS, CHECK DRIVE MOTOR BRUSHES
Next Inspection Due:		Time Since Overhaul			

Date	10/26 2009	Total in S	
Next Inspection		Time	

Date	10/20 2010		
Next Inspection Due:			

Date	11/5 2011		
Next Inspection Due:			

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HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Brushes 65 FT LBS	Date 10/26 2009	Total Time in Service 310.3	Description Checked TORQUE on PROP Bolts Replaced DRIVE MOTOR Brushes.
[REDACTED]	[REDACTED]	Time Since Overhaul	[REDACTED]
Steel Protection PROP BOLTS	Date 10/20 2010	Total Time in Service 325.1	Description REPLACED Brushes in PROP DRIVE Motor. Check TORQUE ON PROP Bolts Checked STAINLESS Steel leading edge TAP
[REDACTED]	Next Inspection Date	Time Since Overhaul	Mech. Cert. # or Repair Station #
New Steel Motor Brushes	Date 11/5 2011	Total Time in Service 329.1	Description REPLACED 3 PROP BLADES TORQUE PROP BOLTS TO 65 FT LBS.
[REDACTED]	Next Inspection Date	Time Since Overhaul	Mech. Cert. # or Repair Station #

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☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date 7/17 2011	Total Time in Service 5.7	Description RE-TORQUE PROP BOLTS TO 65 FT Lbs Check BLADES, STAINLESS STEEL TIP PROTECTORS and DRIVE MOTOR BRUSHES
Next Inspection Due:	Time Since Overhaul	

Date 6/29 2012	Total Time in Service 14.5	Description RE-TORQUE PROP BOLTS TO 65 FT Lbs REPLACE DRIVE MOTOR BRUSHES.
Next Inspection Due:	Time Since Overhaul	

Date 5/10 2013	Total Time in Service 28.8	Description Checked PROP BOLTS, STAINLESS STEEL TIP PROTECTORS, DRIVE MOTOR BRUSHES
Next Inspection Due:	Time Since	

Date 3/2 2014	Next Inspe Due:
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Date 10/3 2014	Next Inspe Due:
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Date 10/ 2015	Next Inspe Due:
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HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Date <u>3/22</u> <u>2014</u>	Total Time in Service <u>47</u>	Description <u>Check AND Retorque Prop bolts TO 65 FT LBS</u> <u>Replace STAINLESS STEEL STRIPS AT Prop</u> <u>HUB POSITION</u> Mech. Cert. # or Repair Station # <u>[REDACTED]</u>
Next Inspection Due:	Time Since Overhaul <u>[REDACTED]</u>	

Date <u>10/30</u> <u>2014</u>	Total Time in Service <u>55.7</u>	Description <u>Checked Prop bolts, stainless steel</u> <u>tip protectors and brushes</u>
Next Inspection Due:	Time Since Overhaul <u>[REDACTED]</u>	

Date <u>10/5</u> <u>2015</u>	Total Time in Service <u>70.9</u>	Description <u>REPLACE brushes Re-Torque prop BOLTS</u> <u>Replace STAINLESS STEEL TIP PROTECTORS</u>
Next Inspection Due:	Time Since Overhaul <u>[REDACTED]</u>	

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☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date <u>10/14</u> <u>2016</u>	Total Time in Service <u>81.2</u>	Description <u>Check Torque on Prop Bolts 658lbs</u> <u>Replace SS TIAS. TAPP. Check Torque</u> <u>on Drive Motor Housing Bolts 180 inch lbs</u>
Next Inspection Due:	Time Since Overhaul	

Date <u>10/16</u> <u>2017</u>	Total Time in Service <u>96.6</u>	Description <u>Check Torque on Prop Bolts 658lbs</u> <u>Replace 3 SS Tip Protectors. Replaced</u> <u>Drive Brushes.</u>
Next Inspection Due:	Time Since Overhaul	

Date <u>6-22</u> <u>2019</u>	Total Time in Service	Description <u>Completed conventional inspection and found to be</u> <u>in condition per safe flight AD.</u>
Next Inspection Due:	Time Since	

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