




## PROPELLER RECORD

1. Make HARTZELL
2. Model HC-B5MA-3D
3. Specification No. \_\_\_\_\_
4. Date of Manufacture \_\_\_\_\_
5. Hub Serial No. HBA 1071
6. Blades
  - (a) Design No. ~~M11276W~~ M11691NS
  - (b) Blade Serial Nos.
    - (1) ~~J07745E~~ L79118
    - (2) ~~J07746E~~ L79119
    - (3) ~~J07742E~~ L79120
    - (4) ~~J07743E~~ L79121
    - (5) ~~J07744E~~ L79122
  - (c) Pitch Setting
    - (1) Basic \_\_\_\_\_
    - (2) High 84.0
    - (3) Low 13.9
    - (4) Reverse -10.0

## PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			248	7	LAST OVERHAUL DATE SEPT 10, 2003

APRIL 19, 2004

AS PER THE CANADIAN AVIATION REGULATIONS 507.07 APPLICATIONS MADE IN RESPECT OF IMPORTED AIRCRAFT THE FOLLOWING WORK WAS ACCOMPLISHED IN ORDER TO ASSURE COMPLIANCE TO THE APPROVED TYPE DESIGN:

- 1) AIRCRAFT INSPECTED FOR CONFORMITY TO TYPE CERTIFICATE A-194
- 2) THE FOLLOWING MODIFICATIONS WERE FOUND EMBODIED AND VERIFIED AS INSTALLED UNDER ACCEPTABLE / SPECIFIED / APPROVED DATA
  - i. FLEXIBLE HOSE FROM GOVERNOR TO FUEL CONTROL UNIT AS PER STC SE8652SW
- 3) CANADIAN AIRCRAFT PLACARDS INSTALLED AS PER AIR TRACTOR DRAWING 11477 AND FLIGHT MANUAL
- 4) SPANISH REGISTRATION REMOVED AND CANADIAN REGISTRATION C-GLLG INSTALLED AS PER CARS 202
- 5) AIRWORTHINESS DIRECTIVES RESEARCHED AS PER THE ATTACHED WORK SHEET
- 6) AIRCRAFT RECORDS REVIEWED TO INSURE ALL LIFE LIMITED AND TBO PARTS ARE IN COMPLIANCE TO APPROVED INTERVALS
- 7) IMPORT CHECKLIST MSI 26 COMPLETED
- 8) MAGNETIC COMPASS CALIBRATED
- 9) 100 HR INSPECTION COMPLETED
- 10) ALL MODIFICATIONS REQUIRED FOR AT-802 AIRCRAFT CERTIFIED IN CANADA, COMPLIED WITH AS PER DRAWING 11477
- 11) ADDITIONAL WORK, COMPLETED AS PER WORK SHEETS ON FILE
- 12) NEW FLIGHT MANUAL INSTALLED
- 13) SERVICE LETTER 180A COMPLIED WITH P/N 10699-9 INSTALLED AT 2144.7 HRS

AWDS CHECKED AND COMPLIED WITH TO DATE

**AWDS:**

2002-19-10

AT 402/602/802 SERIES - EMPENNAGE INSPECTIONS  
AT802 - WEAR ON RUBBER CONTROL CABLES

INSPECTED; INSPECT EVERY 100HRS  
C/W NEW CABLES INSTALLED AT  
518HRS

2002-11-05

### SAFE LIFE OF THE WING LOWER SPAR CAP

2001-10-04RI

## FATIGUE CRACKS IN WING LOWER SPAR CAP

97-04-11

### TAIL LANDING GEAR SPRING

96-04-08

## REPLACEMENT OF MAIN LANDING GEAR LEGS

CF-2002-04

PT6A 64/65/66/67 – INSPECTION OF FUEL CONTROL UNIT

CF-96-24

BLEED OFF VALVE (BOV)

2003-13-17

## PROPELLERS RETURNED TO SERVICE BY T+W PROPELLERS

96-18-14

## AD CORRECTION-HUB REPLACEMENT-BLADE CLAMP INSPIR

CF-2002-47

PT6A SERIES

N/A S/N HBA-1071  
N/A BY P/N

The above described maintenance was performed in accordance with the applicable standards of airworthiness.

SIGN:6

AMO NO. 256-91

DATE:

248827

**CARRIED FORWARD**

TOTAL THIS PAGE

**TOTAL FROM  
PREVIOUS SUMMARY**

TOTAL  
SINCE MFG.

# PROPELLER SERVICE AND

# MAINTENANCE RECORD

2

RUN	TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	MIN.	HRS.				
→	243	7				
6	272	3				

ALL WORKING ENTRIES TRANSCRIBED FROM THE JOURNEY LOG BOOK:

FOR:  
INSPECTION COMPLETED AS PER SUPPLIED MSI # C1608 CHECK SHEETS AND ADDITIONAL WORK SHEETS

ve described maintenance was performed in accordance with the applicable standards of airworthiness.

Indemnified by M431006  
1/2 8/04

AMO NO. 256-91

2.	324	5	50 hr inspection completed as per Supplied Work Central check sheets & additional work sheets			
						I CERTIFY THAT THE WORK DESCRIBED ABOVE MEETS APPLICABLE AIRWORTHINESS STANDARDS. M/248827 AMO256-91
2.	373	7	100 hr inspection completed as per Supplied Work Central check sheets & additional work sheets			
						I CERTIFY THAT THE WORK DESCRIBED ABOVE MEETS APPLICABLE AIRWORTHINESS STANDARDS. M/248827 AMO256-91
0	422	7	50 hr inspection completed as per Supplied Work Central inspection sheets & additional work sheets			
						I CERTIFY THAT THE WORK DESCRIBED ABOVE MEETS APPLICABLE AIRWORTHINESS STANDARDS. M/248827 AMO256-91
0	461	7	100 hr inspection completed as per Work Central Air inspection schedule & additional work sheets			
						M/248827 AMO256-91

CARRIED FORWARD

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE

# PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD <span style="font-size: 2em;">→</span>			461	7	
<i>Sept 23/05</i>	19	5	479	2	

THE FOLLOWING ENTRIES TRANSCRIBED FROM THE JOURNEY LOG BOOK:

PROPELLOR:  
ANNUAL INSPECTION COMPLETED AS PER SUPPLIED MSI # W1902 CHECK SHEETS AND ADDITIONAL WORK SHEETS  
PROPELLER GREASED

The above described maintenance was performed in accordance with the applicable standards of airworthiness.

SIGN: *Andrew Celler*

AMO NO. 256-91

DATE: *Sept 23/05*

<i>May 6/06</i>	40	0	519	2
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THE FOLLOWING ENTRIES TRANSCRIBED FROM THE JOURNEY LOG BOOK:

PROPELLOR:  
ANNUAL INSPECTION COMPLETED AS PER SUPPLIED MSI # W1902 CHECK SHEETS AND ADDITIONAL WORK SHEETS  
PROPELLER GREASED

The above described maintenance was performed in accordance with the applicable standards of airworthiness.

SIGN: *Andrew Celler*

AMO NO. 72-05

DATE: *May 6/06*



June 13, 2006 S/N802-0018 AT802AF  
C-GLLG PTSMOH:530 Hobbs:2010.6  
Performed 100 Hour inspection in  
accordance w/ Air Tractor Manual.

Complied w/ the following AD's: 98-18-14; N/A per S/N HBA1071.  
Removed, cleaned, inspected and lubricated torque link pins on  
Propeller Dome. reinstalled and safty wired in accordance with TRW  
Hartzell Propeller Manual #118E. I certify that this Propeller has been  
inspected in accordance w/ a 100 Hour inspection and current FAR's  
and was found airworthy.

Air-Zone Aircraft Services, Inc  
7100 Flightline Dr.  
Kingman, AZ. 864101  
(928)757-7144

*[Signature]*  
A&P529869163IA  
Leonard D. Helco

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TOTAL FROM PREVIOUS SUMMARY			
TOTAL SINCE MFG.			

## PROPELLER SERVICE AND

## MAINTENANCE RECORD

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DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD →								
07/23/06					<p>I certify THAT THIS Prop HAS BEEN inspected IN ACCORDANCE WITH A100 hr inspection AND IS APPROVED FOR RETURN TO SERVICE.</p> <p>THIS PROPELLER OVERHAULED IN ACCORDANCE WITH HARTZELL SERVICE MANUAL # 132, 133C, 202A, SUPPLEMENTS, REVISIONS, SERVICE LETTERS, BULLETINS, INSTRUCTIONS, ADVISORIES AND AD'S. BLADES PROFILED, DIMENSIONALLY MATCHED, GROUND, ETCHED, ALODINED, AND FINISHED WITH SHERWIN WILLIAMS WASH PRIMER AND POLANE ENAMEL. HUB CLEANED, INSPECTED AND FINISHED AS SPECIFIED. ALL STEEL PARTS INSPECTED BY MAGNAFLUX. ALL ALUMINUM PARTS INSPECTED BY DYE-PENETRANT. ALL PARTS REPLACED AS SPECIFIED AND AS REQUIRED. ALL HARDWARE CAD PLATED. FACE ALIGNMENT, BLADE ANGLES, PITCH STOPS, TRACK AND BALANCE SET. PROPELLER APPROVED FOR RETURN TO SERVICE PER W/O # 2858</p> <p>yellow tag inside back - See record w/o pg. maintenance</p> <p>FAA CRS # HCKR - 163K <i>H. Hank</i> record in AD Sec.</p> <p>the work described was accomplished IOW the Applicable standards of Airworthiness. W.O. 2858</p>	<i>H. Hank</i>	HCKR 163K	
Hobbs 2679.8								
12-15-06								
12/18/06					<p>MODEL Air Tractor Aircraft hours 2673.3</p> <p>This propeller has been dynamically balanced. Maintain index of the prop, spinner, spinner backing plate and crankshaft.</p> <p>Initial reading: .49 IPS</p> <p>Final Reading: .03 IPS R/M 12.16</p> <p>Balance rating: Best</p> <p>Prop configuration: 20.0 grams @ 1000, 20.0 @ 1000</p> <p>@ 8.7 (perm radius) (8.7 (trial radius))</p> <p>Signed <i>Richard D. Warrick</i> Date 12/18/06</p> <p>LEADING EDGE PLANES &amp; PROPS. ILLUM. IN 11</p>			
12 FEB 07					<p>I certify that this prop has been inspected in accordance with a 100HR inspection and is approved for return to service.</p> <p><i>H. Hank</i></p> <p>ADP 517644837</p>			
Hobbs 2141.6								
TT Airframe 2573.6								
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TOTAL SINCE MFG.								

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE

# PROPELLER SERVICE AND

# MAINTENANCE RECORD

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	HRS.	MIN.	HRS.	MIN.				
B-17-07	10	08	22	40	100 HR INSPECTION. I. A. W. HARTZELL MANUAL 139 AND IS AIRWORTHY FOR RETURN TO SERVICE. <i>[Signature]</i> AP519886010	Feb 1, 2010 Hobbs 2307.2 SP.OH. 167.0 Lubed Hub. Cleaned Hub's Blades I certify that this propeller has been inspected in accordance with a 100hr/Annual inspection and found to be in an airworthy condition. <i>[Signature]</i> 2919203 JA		
2-07-2008	Hobbs	22	40	30	120.1	Inspected this propeller for 100 HR inspection. Hub/Hub Manual 139 and is airworthy for return to service. <i>[Signature]</i> AP 3243963		
20-02-2008	Hobbs	23	06	2		Cleaned Hub Exterior, greased Hub, cleaned blades, replaced Spinner Screws with new. End C/w AD B weekly 2008-19 I certify that this Propeller has been inspected in accordance with 100hr/Annual inspection and was determined to be in airworthy condition in accordance with F.A.R. 43 and current maintenance manuals. <i>[Signature]</i> 2919203 AP/IA		
6/01/09						INSPECTED PROP FOR COMPLIANCE WITH AD 2009-12-14. <i>[Signature]</i> BOLTS INSTALLED. <i>[Signature]</i> AP 51764837		
1-16-10	Hobbs	23	07	0	SP.OH 166.3	116.3 HRS. INSPECT HUB, BLADES, SPINNER AND BALANCE FOR A 100 HR INSPECTION. I. A. W. HARTZELL MANUAL 139 AND IS AIRWORTHY FOR RETURN TO SERVICE. BALANCED BALANCE I. A. W. CHANDLER SMOOTH PROP. INSTRUCTIONS. <i>[Signature]</i> AP519886010		
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MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE

# PROPELLER SERVICE AND

# MAINTENANCE RECORD

6

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD	→		166	3				
29 APR 11	30	1	196	4	300 Hour Annual Inspection W/1902 Check Sheets and	Carried out per supplied MSI # additional work sheets.		
16 APR 2012	0	0	196	4	300 Hour Annual Inspection Check Sheets, Propeller	Carried out per supplied MSI # W/1902 cleaned backplate checked and		
16 APR 2012	0	0	196	4	Pin ground, IAW Hartsell Manual 139.			
5 AUG 2012	87	4	283	8	100 Hour #1 Inspection MSI # W/1902 Prop	Carried out per supplied cleaned		
13 APR 2013	90	9	374	7	ANNUAL 300 HOUR INSPECTION INSPECTION SHEETS PROPELLER	CARRIED OUT PER SUPPLIED MSI # W/1902 CLEANED & GREASED "AEROSHIELD 6"		
18 OCT 2013	45	9	420	6	ANNUAL 300 HOUR INSPECTION INSPECTION SHEETS PROP	CARRIED OUT PER SUPPLIED MSI # W/1902 ELUC GREASED, "AEROSHIELD 6"		
11 JULY 2014	67.1		487.1		Annual inspection transferred from	Airpay W/O # 141902		
15 MAY 2015	6.5		493.2		Annual inspection transferred from	Airpay W/O # 151281		
3 FEB 2016	26.3		519.5		Annual inspection transferred from	Airpay W/O # 152881		
21 FEB 2017	57.9		577.4		Remove Prop for Overhaul			
CARRIED FORWARD								
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TOTAL SINCE MFG.								

AMO 72-05  
The maintenance described above has been performed in accordance with the applicable airworthiness requirements.


AMO 72-05  
The maintenance described above has been performed in accordance with the applicable airworthiness requirements.

AMO 72-05  
The maintenance described above has been performed in accordance with the applicable airworthiness requirements.

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS, OR LIFE



## PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
JUN 3 2017			00	0	OVERHAULED AS PER MANUAL(S) <u>SGS Form</u> <u>0.05</u>
					ALL S/B, S/L AND AIRWORTHINESS DIRECTIVES, COVERED
					ON WORK ORDER <u>13923</u> "THE MAINTENANCE DESCRIBED
					ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE
					APPLICABLE STANDARDS OF AIRWORTHINESS"
					CANADIAN PROPELLER LTD. A.M.O. NO. 175-91

PROP MODEL: HC-B5MA-3D  
PROP S/N: HBA 1071  
REG. NO: C-GLLG  
WORK ORDER: 1709-02-2017



## Provincial Airways

P.O. Box 2170  
Moose Jaw, SK S6H 7T2  
Phone: 306-692-7335

DATE: 16 October, 2017  
A/C TSN: 3172.1  
PROP TT:  
TSPOH: 0  
TACH: 3172.1

### Prop Entries

- 1 Annual Inspection... C/W, I.A.W Precision West Ag. Maintenance Schedule RAH-SAS-10781-AT802  
2 300 Hour Inspection... C/W, I.A.W Precision West Ag. Maintenance Schedule RAH-SAS-10781-AT802  
3 200 Hour Inspection... C/W, I.A.W Precision West Ag. Maintenance Schedule RAH-SAS-10871-AT802  
4 100 Hour Inspection... C/W, I.A.W Precision West Ag. Maintenance Schedule RAH-SAS-10871-AT802  
19 Prop Due For Overhaul.... Removed, O/H by Canadian Propeller W.O 13923. Re-installed  
41 An independent inspection of the PROP control system has been completed by:... Dual completed by Ryan Lawrence 440456.....

The Maintenance described above has been completed in accordance with the applicable standards of airworthiness.  
Kirby Patrosch M436570, AMO 63-09

DATE: 18 October, 2017

**SIGNED:**

Work Order: 1709-02-2017

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PROP MODEL: HC-B5MA-3D  
PROP S/N: HBA 1071  
REG. NO: C-GLLG  
WORK ORDER: 2166-08-2018



## Provincial Airways

P.O. Box 2170  
Moose Jaw, SK S6H 7T2  
Phone: 306-692-7335

DATE: 24 April, 2019  
A/C TSN: 3174.5  
PROP TT: 2.4  
TSPOH: 2.4  
TACH: 3174.5

### Prop Entries

- 1 Annual Inspection... Annual Inspection C/W, I.A.W Precision West AG Maintenance Schedule RAH-SAS-10871-AT802

The Maintenance described above has been completed in accordance with the applicable standards of airworthiness.  
James Pottage M433123, AMO 63-09

**DATE: 24 April, 2019**

**SIGNED:**

**Work Order: 2166-08-2018**

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TOTAL  
SINCE MFG.

# MAINTENANCE RECORD

7

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

*[Signature]* **CPL 3**

NEW BLADES INSTALLED

CANADIAN PROPELLER LTD.  
AMO NO. 175-91

Blade Ser. No.	TTSN	TTSO
1. <u>L79118</u>	<u>00.0</u>	
2. <u>L79119</u>	<u>00.0</u>	
3. <u>L79120</u>	<u>00.0</u>	
4. <u>L79121</u>	<u>00.0</u>	
5. <u>L79122</u>	<u>00.0</u>	

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE

## MAINTENANCE

[illegible]