

**PROPELLER
OWNER'S MANUAL**

HARTZELL PROPELLER INC
INSPECTION

Item Number: J3F10600

Date: 4/10/2008
Work Order #: M717530

Model Number PHC-J3YF-1RF/F7392-1					Valve No. NA						
Ass'y Ser No. FP6715B		Hydr Unit No. NA		Bulkhead No. NA		Blade 4:		Blade 5:		Blade 6:	
Blade 1: K72442		Blade 2: K72446		Blade 3: K72440		Clamp 4:		Clamp 5:			
Clamp 1:		Clamp 2:		Clamp 3:							
Reverse NA	Start Lock NA	Low Pitch 13.9	High Pitch 35.0	Feather NA	Position 1	Orient. L	Qty:Al 1	St 0	Scrw 0	A-2424-1 0	Washer 3
Ref Radius (inches) for angles: 30											
Comments: Deice Kit: NA											
Packing Certified By:					Date:						
Inspected By: Tim Jess											

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

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Ref Radius (inches) for angles: 30											
Comments: Deice Kit: NA											
Packing Certified By: <i>TJ</i>				Date: 4/10/08							
Inspected By: Tim Jess											

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

HARTZELL PROPELLER INC

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HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3VF-1RF

PROPELLER S/N FP6715B

LOGBOOK # _____

PROPELLER MAINTENANCE RECORD

Position ONE PITCH RANGE _____
Propeller Model PHC-33VF-1RF High/Feather _____
Propeller S/N FP6715B Start Lock _____
Blade Design F7392-1 Low _____
Blade S/N's Reverse _____
No. 1 K72442
No. 2 K72446 Aircraft Manufacturer CIRRUS DESIGN CORP.
No. 3 K72440 Aircraft Model SR-20
No. 4 _____ S/N 1989
No. 5 _____ Registration N7789T 8/19/08
No. 6 _____ NS30FB MRC
Spinner Assembly Part No. _____

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Total Time: 95.1

13 May 2009 Flight Hobbs: 95.1 Hobbs Meter: 120.4 Calendar Time: 1 Year 0 Months

100 Hour Inspection for Annual completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Inspected propeller hub and blades. Dressed leading edges of blades and painted blade faces. **Hartzell AD 2001-07-03 C (Propeller Failure)** effective 04-04-2001, does not apply, propeller not modified, altered or repaired by Brothers Aero Service Company. **Hartzell AD 2005-14-11 (Propeller Blade Failure)** effective 08-17-2005, does not apply, propeller not returned to service by Southern California Propeller Service. **Hartzell AD 2007-26-09 (Propeller Blade Failure)** effective 01-30-2008, does not apply by installed propeller blade Serial Numbers or date of propeller manufacture, no further action required. AD's checked through Biweekly 2009-10. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

Scott S. Fisher A&P 3290363 w/o 27889

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Total Time: 195.7

20 October 2009 Flight Hobbs: 195.7 Hobbs Meter: 236.8 Calendar Time: 1 Year 5 Months

Propeller Inspection completed this date using the Cirrus Maintenance Interval 100 Hour Inspection form as a guide. Inspected propeller hub and blades. AD's checked through Biweekly 2009-21. I CERTIFY

THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

[Signature]
Greg Sickafoose A&P 521652584 w/o 28544

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry

11 February 2010 Flight Hobbs: 242.1 Hobbs Meter: 290.7

Completed 50 Hour Inspection this date using Cirrus Maintenance Interval 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.

[Signature]
L. John Wells A&P 3221132 w/o 28708

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				ARAPAHOE AERO
				12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
	N7789T	Hartzell	PHC-J3YF-1RF/F7392-1	S/N: FP6715B Total Time: 290.4
	14 May 2010	Flight Hobbs: 290.4	Hobbs Meter: 346.9	Calendar Time: 2 Years 0 Months
				100 Hour Inspection for Annual completed this date using the Cirrus SR20 Maintenance Manual
				Inspection Form as a guide. Inspected propeller hub and blades. Dressed leading edges of blades and
				painted blade faces. AD's checked through Biweekly 2010-10. I CERTIFY THAT THIS PROPELLER
				HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS
				DETERMINED TO BE IN AIRWORTHY CONDITION.
				<i>L. John Wells</i> L. John Wells A&P 3221132 w/o 29235
				ARAPAHOE AERO
				12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
	N7789T	Hartzell	PHC-J3YF-1RF/F7392-1	S/N: FP6715B Propeller Log Entry
	12 August 2010	Flight Hobbs: 342.1	Hobbs Meter: 408.8	
				Completed 50 Hour Inspection this date using Cirrus Maintenance Interval 50 Hour Inspection items as a
				guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.
				<i>L. John Wells</i> L. John Wells A&P 3221132 w/o 29590

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry

11 February 2011 Flight Hobbs: 392.5 Hobbs Meter: 469.1

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.

L. John Wells

L. John Wells A&P 3221132 w/o 30259

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Total Time: 434.6

10 May 2011 Flight Hobbs: 434.6 Hobbs Meter: 517.0 Calendar Time: 3 Years 0 Months

100 Hour Inspection for Annual completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Inspected propeller hub and blades. Dressed leading edges of blades and painted blade faces. AD's checked through Biweekly 2011-10. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

Scott S. Fisher

Scott S. Fisher A&P 3290363 w/o 30507

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry

15 September 2011 Flight Hobbs: 494.2 Hobbs Meter: 589.0

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.

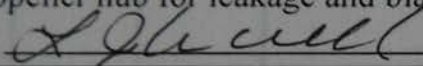
L. John Wells

L. John Wells A&P 3221132 w/o 31071

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry
 2 February 2012 Flight Hobbs: 541.5 Hobbs Meter: 644.6
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.



L. John Wells A&P 3221132 w/o 31540

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Total Time: 583.6
 4 May 2012 Flight Hobbs: 583.6 Hobbs Meter: 692.4 Calendar Time: 4 Years 0 Months
 100 Hour Inspection for Annual completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Inspected propeller hub and blades. Dressed leading edges of blades and painted blade faces. AD's checked through Biweekly 2012-08. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**



Greg Sickafoose A&P 3443687 w/o 31830

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry

11 September 2012 Flight Hobbs: 641.7 Hobbs Meter: 760.8

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.

L. John Wells

L. John Wells A&P 3221132 w/o 32357

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Total Time: 691.3

01 May 2013 Flight Hobbs: 691.3 Calendar Time: 5 Years 0 Months

100 Hour Inspection for Annual completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Inspected propeller hub and blades. Dressed leading edges of blades and painted blade faces. AD's checked through Biweekly 2013-08.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

L. John Wells

L. John Wells A&P 3221132 w/o 33054

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry

22 July 2013 Flight Hobbs: 745.8 Hobbs Meter:

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.

Jason Daniel Schaaf

Jason Daniel Schaaf A&P 3551738 w/o 33370

Date	Propeller		A/C	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO	Hrs	

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry
 14 December 2013 Flight Hobbs: 806.3 Hobbs Meter: 948.1
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.
L. John Wells L. John Wells A&P321132 w/o 33897

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry
 28 February 2014 Flight Hobbs: 855.8 Hobbs Meter: 1000.3
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.
Randy J. Knox, Jr. Randy J. Knox, Jr. A&P 3227973 w/o 34122

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry
 18 April 2014 Flight Hobbs: 895.0 Hobbs Meter: 1043.9
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.
Randy J. Knox, Jr. Randy J. Knox, Jr. A&P 3227973 w/o 34282

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Total Time: 924.3
14 June 2015 Flight Hobbs: 924.3 Hobbs Meter: 1076.5 Calendar Time: 6 Years 1 Month
100 Hour Inspection for Annual completed this date using the Cirrus SR20 Maintenance Manual
Inspection Form as a guide. Inspected propeller hub for leakage and blades for condition and security.
Dressed stone nicks form leading edges of blades. Cleaned and prepped blades and painted face, tips and
blade faces. AD's checked through Biweekly 2014-11. I CERTIFY THAT THIS PROPELLER HAS
BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

L. John Wells

L. John Wells A&P 3221132 w/o 34429

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N7789T Hartzell PHC-J3YF-1RF/F7392-1 S/N: FP6715B Propeller Log Entry
13 December 2014 Flight Hobbs: 1023.3 Hobbs Meter: 1188.0
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected
propeller hub for leakage and blade leading edges for stone nicks.

Nathaniel Alan Beuthel

Nathaniel Alan Beuthel A&P 3659835 w/o 35123

PROP MODEL:
PROP S/N:
REG. NO: N7789T
WORK ORDER: 200158



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 7/1/2016
A/C TSN: 1157.3
PROP TT: 1157.5
FLIGHTTIME: 1157.3

Prop Entries

Performed propeller 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/1/2016

SIGNED:

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 200158

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Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		

Sarasota Avionics Inc Tampa (TPA) Prop
 845 Severn Ave. Tampa, Fl 33606
 Tail No: N7789T Hartzell:PHC-J3YF-1RF Serial:FP6715B
 Date:7/21/17 Work Order: M359
 Tach:1272.3 PROP TT:1272.3



Removed spinner. Lubed hub. Checked spinner back plate and spinner for cracks. Reinstall spinner.

I certify all work done to the aircraft and/or component identified above was done in accordance with an annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed. All AD's through 7/21/2017 checked and complied with.

Wayne E. Childers Jackson

, Wayne E. Childers Jackson A&P3440160IA