HARTZELL PROPELLER INC Date: 8/24/2019 1 Item Number: E3R00023AFM Work Order #: M496440 INSPECTION Model Number HC-E3YR-1RF/F7392S-1 Valve No. Hydr Unit No. Bulkhead No. Ass'y Ser No. NA FM2319B NA Blade 6: Blade 5: Blade 3:L99229 Blade 4: Blade 2: L99228 Blade 1: L99223 Clamp 3:NA Clamp 4:NA Clamp 5:NA Clamp 2:NA Clamp 1:NA A-2424-1 Washer St Scrw Qty:Al Orient. Start Lock Low Pitch High Pitch Feather Position Reverse 0 0 0 0 30.0 2 L 13.4 NΑ NA 0 0 0 2 Т 3 Ref Radius (inches) for angles: 30 Comments: Deice Kit: NA Packing Certified By: Inspected By: Tim Jess The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives. The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

PROPELLER MAINTENANCE RECORD

Position ONE	PITCH RANGE
Propeller Model HC-E3YR-IRF	High/Feather
Propeller S/N FM 23 19 B	Start Lock
Blade Design <u>F73925-1</u>	Low
Blade S/N's	Reverse
No. 1 <u>L99223</u>	
No. 2 <u>L99228</u>	Aircraft Manufacturer CIRRUS DESIGN CORP
No. 3 <u>L99229</u>	Aircraft Model SR20
No. 4	S/N <u>2518</u>
No. 5	Registration N87 VB
No. 6	
Spinner Assembly Part No	e

HARTZELL PROPELLER INC INSPECTION

Item Number: E3R00023AFM

Date: 8/24/2019

Work Order #: M496440

Model Nur	mber HC-E3	YR-1RF/F73	392S-1								
Ass'y Ser No. FM2319B Blade 1:L99223		Hydr Unit No. NA Blade 2: L99228		Bulkhead No. NA Blade 3: L99229		Valve N	o. NA				
						Blade 4:		Blade 5: Clamp 5:NA		Blade 6:	Blade 6:
Clamp 1:I	Clamp 1:NA		Clamp 2:NA		Clamp 3:NA						
Reverse	Start Lock	Low Pitch High Pitch Feather 13.4 30.0 NA		n Feather	Position	Orient.	Qty:Al	St \$	Scrw	A-2424-1	Washer
NA	NA			2	L	1	0	0	0	0	
Ref Radius (inches) for angles: 30					3	Τ	0	0	2	0	0
Comment Deice Ki											
Packing Date: Certified By:											
	By: Tim Je										
TI	he approved	design data	for this pro	peller incor	orates all	changes requi	ired by a	pplicable Air	worthine	ss Directive:	5.

The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21,137(e)(2).

HARTZELL PROPELLER INC

Item Number: E3R00023AFM

Date: 8/24/2019

INSPECTION

Work Order #: M496440

FM2319B Blade 1:L99223 B		NA Blade 2: L99228		Bulkhead N NA	Valve No. NA							
				Blade 3:L99229 Clamp 3:NA		Blade 4: Clamp 4:NA			Blade 5: Clamp 5:NA		Blade 6:	
		Low Pitch			Position		rient.		St Scrw	A-2424-1	Washer	
NA	NA	13.4	30.0	NA	2		L	1	0	0	0	0
Ref Radius (inches) for angles: 30					3	9	Т	0	0	2	0	0
Comments Deice Kit												
Packing Date:												
Inspected	By: Tim Je:	ss			1							

The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives. The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

HARTZELL PROPELLER INC

Item Number: E3R00023AFM

Date: 8/24/2019

INSPECTION

Work Order #: M496440

PECTION						VVO	rk Order #:	101430440		
YR-1RF/F7	392S-1									
Ass'y Ser No. Hydr Unit No. E FM2319B NA		Bulkhead No NA	D.	Valve N	Valve No. NA					
Blade 1:L99223 Blade 2:L99228			Blade 3:L99229 Blad		lade 4:		Blade 5:		Blade 6:	
Clamp 2:NA		Clamp 3:NA		Clamp 4:NA		Clamp 5:NA				
Reverse Start Lock Low Pitch High Pitc		h Feather Position		Orient.	Qty:Al	St	St Scrw	A-2424-1	Washe	
13.4	30.0	NA	2	L	1	0	0	0	0	
NA NA 13.4 30.0 NA Ref Radius (inches) for angles: 30					0	C	2	0	0	
Packing Date: Certified By:										
ss			1							
	YR-1RF/F7: Hydr Unit NA Blade 2: L9 Clamp 2: N, Low Pitch 13.4	YR-1RF/F7392S-1 Hydr Unit No. NA Blade 2: L99228 Clamp 2:NA Low Pitch High Pitch 13.4 30.0 r angles: 30	YR-1RF/F7392S-1 Hydr Unit No. NA Blade 2: L99228 Clamp 2: NA Low Pitch High Pitch Feather 13.4 30.0 r angles: 30 Date:	YR-1RF/F7392S-1 Hydr Unit No. NA Blade 2: L99228 Clamp 2:NA Low Pitch High Pitch Feather 13.4 30.0 r angles: 30 Date:	YR-1RF/F7392S-1 Hydr Unit No. NA Bulkhead No. NA Valve N Blade 2: L99228 Blade 3: L99229 Blade 4: Clamp 2: NA Clamp 2: NA Clamp 3: NA Clamp 4: NA Low Pitch High Pitch 13.4 Feather 13.4 2 L 13 angles: 30 3 T	YR-1RF/F7392S-1 Hydr Unit No. NA Bulkhead No. NA Valve No. NA Blade 2: L99228 Blade 3: L99229 Blade 4: Clamp 2: NA Clamp 2: NA Clamp 3: NA Clamp 4: NA Low Pitch High Pitch 13.4 Feather 13.4 2 L 1 13 angles: 30 3 T 0	YR-1RF/F7392S-1 Hydr Unit No. NA Bulkhead No. NA Valve No. NA Blade 2: L99228 Blade 3: L99229 Blade 4: Blade 5: Clamp 2: NA Clamp 4: NA Clamp 5: NA Clamp 5: NA Clamp 5: NA Clamp 5: NA Transles: 30 NA 2 L 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td>YR-1RF/F7392S-1 Hydr Unit No. NA Bulkhead No. NA Valve No. NA Blade 2: L99228 Blade 3: L99229 Blade 4: Blade 5: Clamp 2:NA Clamp 3:NA Clamp 4:NA Clamp 5:NA Low Pitch High Pitch 13.4 Feather 13.4 2 L 1 0 0 1 angles: 30 3 T 0 0 2</td><td>YR-1RF/F7392S-1 Hydr Unit No. NA Bulkhead No. NA Valve No. NA Blade 2: L99228 Blade 3: L99229 Blade 4: Blade 5: Clamp 5:NA Clamp 2:NA Clamp 3:NA Clamp 4:NA Clamp 5:NA Low Pitch High Pitch Feather 13.4 30.0 NA Position Orient. Qty:Al St Scrw A-2424-1 Scrw A-2424-1 13.4 30.0 NA 3 T 0 0 0 r angles: 30 T 0 0 2 0</td></t<>	YR-1RF/F7392S-1 Hydr Unit No. NA Bulkhead No. NA Valve No. NA Blade 2: L99228 Blade 3: L99229 Blade 4: Blade 5: Clamp 2:NA Clamp 3:NA Clamp 4:NA Clamp 5:NA Low Pitch High Pitch 13.4 Feather 13.4 2 L 1 0 0 1 angles: 30 3 T 0 0 2	YR-1RF/F7392S-1 Hydr Unit No. NA Bulkhead No. NA Valve No. NA Blade 2: L99228 Blade 3: L99229 Blade 4: Blade 5: Clamp 5:NA Clamp 2:NA Clamp 3:NA Clamp 4:NA Clamp 5:NA Low Pitch High Pitch Feather 13.4 30.0 NA Position Orient. Qty:Al St Scrw A-2424-1 Scrw A-2424-1 13.4 30.0 NA 3 T 0 0 0 r angles: 30 T 0 0 2 0	

The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives. The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

ate		PROP MODEL HC PROP S/N FM2319 REG NO N87VB WORK ORDER 65	В	NASSAU FLYERS×	Nassau Flyers 1300 New Hwy Farmingdale, NY 11735 Phone: 631-454-0626	DATE: 2/11/2020 A/C TSN: 95 9 PROP TT: 95 9 TACH: 95 9	æ -
		Prop Entries					g-
			O hour inspection of propeller ler spinner and serviced/dres				
		Maintenance Releas					_
		manufacturers recor		in airworthy condition	This aircraft, engine, propeller o	rrent Federal Aviation Regulations and r component(s) is approved for return to	
		DATE: 2/11/2020		Di 11	Chelle	Work Order: 6512	_
			Darion McFaddo	en A&P 4138120		Printed by EBis 3 (datcomedia.com)	-
\dashv			1	-		DATE OMBIOOS	200
		PROP MODEL HC-E PROP S/N FM2319B REG NO N87VB WORK ORDER 6598		NASSAU FLYERS X	Nassau Flyers 1300 New Hwy Farmingdale, NY 11735 Phone 631-454-0626	DATE 6/18/202 A/C TSN 196 PROP TT 196 TACH 196	1
		Prop Entries					
		· Performed prope *Removed propelle	ller 100 hour inspection IAV er spinner and serviced/dres	/ Cirrus AMM 5-20. ssed/painted propell	ler as need, then reinstalle	d spinner.	-
	-	Maintenance Release				. 5. J. J. Mallan Bandakana and	
		manufacturers recom	propeller or component(s) on N8 mendations and was found to be work performed and described	in airworthy condition	This aircrait, engine propeller	current Federal Aviation Regulations and r or component(s) is approved for return to	
		DATE: 6/18/2020	SIGNED:	Jul 7	usu	Work Order: 659 Printed by EBis 3 (datcomedia.com	=
	_	¥.	Darion Nichado	en A&P: 4138120		1 Tillied by EBIO o (dates medianes	,
)
		C)
		PROP MODEL: HC-E3YR PROP S/N; FM2319B REG: NO: N87VB WORK ORDER: 6642	-1RF	FLYERS A	lassau Flyers 300 New Hwy armingdale, NY 11735 hone 631-454-0626	DATE: 8/25/2020 A/C TSN: 296.4 PROP TT: 296.4 TACH: 296.4	_
_		Prop Entries					
_		*Removed propeller sp	100 hour inspection IAW Cir binner and serviced/dressed b using Aeroshell #6 grease	/painted propeller a	is need, then reinstalled sp	pinner.	d.
		Maintenance Release					
_		manufacturers recommen	eller or component(s) on N87VB dations and was found to be in a c performed and described	irworthy condition. This	pected in accordance with curr s aircraft, engine, propeller or c	ent Federal Aviation Regulations and component(s) is approved for return to	_
		DATE: 8/25/2020	SIGNED:	hi M	12/	Work Order: 6642	
			Darion McFadden, A	A&P 4138120	n	Printed by EBis 3 (datcomedia.com)	
	PROP REG	MODEL: HC-E3YR-1RF PS/N: FM2319B NO: N87VB KORDER: 6701	NAS FLY	ERS 1300 New Farmingda	u Flyers Hwy ale, NY 11735 11-454-0626	DATE: 11/17/2020 A/C TSN: 396.1 PROP TT: 396.1 TACH: 396.1	
	•	Entries					
			r inspection IAW Cirrus AM nd serviced/dressed/painted		, then reinstalled spinner.		
	Mainte	enance Release					
	manuf	acturers recommendations a	omponent(s) on N87VB were rep nd was found to be in airworthy ed and described above, this da	condition. This aircraft.	accordance with current Fede engine, propeller or componer	ral Aviation Regulations and nt(s) is approved for return to	
	DATE	E: 11/17/2020	SIGNED:	A	>	Work Order: 6701	y .
			Mohammed Farhanuddin, A&	P: 4183289	Printed	hy FBis 3 (datcomedia com)	

DATE: 1/6/2021 PROP MODEL: HC-E3YR-1RF Nassau Flyers A/C TSN: 462,9 PROP TT: 462,9 PROP S/N: FM2319B 1300 New Hwy Farmingdale, NY 11735 REG NO: N87VB TACH: 462.9 Date WORK ORDER: 6731 Phone: 631-454-0626 **Prop Entries** Performed propeller 100 hour inspection IAW Cirrus AMM 5-20. *Removed propeller spinner and serviced/dressed/painted propeller as need, then reinstalled spinner. Maintenance Release This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times Work Order: 6731 DATE: 1/6/2021 SIGNED: Darion McFadden, A&P: 4138120 Printed by EBis 3 (datcomedia.com) PROP MODEL: HC-E3YR-1RF DATE: 3/24/2021 Nassau Flyers PROP S/N: FM2319B A/C TSN: 556 3 PROP TT: 556 3 REG NO N87VB 1300 New Hwy Farmingdale, NY 11735 Phone: 631-454-0626 WORK ORDER 6792 TACH: 556.3 **Prop Entries** Performed propeller 100 hour inspection IAW Cirrus AMM 5-20. *Removed propeller spinner and serviced/dressed/painted propeller as need, then reinstalled spinner. Maintenance Release This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times DATE: 3/24/2021 SIGNED: Work Order: 6792 Mohammed Farhanuddin, A&P, 4183289 Printed by EBis 3 (datcomedia.com) PROP MODEL: HC-E3YR-1RF DATE: 6/17/2021 Nassau Flyers NASSAU PROP S/N: FM2319B REG: NO: N87VB A/C TSN: 656.8 PROP TT: 656.8 1300 New Hwy LYERS WORK ORDER: 6846 Farmingdale, NY 11735 TACH: 656.8 Phone: 631-454-0626 **Prop Entries** Performed propeller 100 hour inspection IAW Cirrus AMM 5-20. *Removed propeller spinner and serviced/dressed/painted propeller as need, then reinstalled spinner. Maintenance Release This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times. DATE: 6/17/2021 SIGNED Work Order: 6846 Mohammed Farhanuddin, A&P: 4183289 Printed by EBis 3 (datcomedia.com) DATE 7/12/2021 A/C TSN 684.3 PROP MODEL; HC-E3YR-1RF Nassau Flyers NASSAU PROP S/N: FM2319B REG. NO: N87VB 1300 New Hwy Farmingdale, NY 11735 PROP TT: 684.3 TACH: 684.3 LYERS WORK ORDER: 6870



Phone: 631-454-0626

Prop Entries

Inspected propeller blades for report of "nick in propeller blade", cleaned and dressed small nicks from all propeller blades, no further defects noted

Maintenance Release

This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times.

DATE: 7/12/2021

SIGNED

Work Order: 6870

Sean McFadden, A&P 3647763

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Date

PROP MODEL: HC-E3YR-1RF PROP S/N: FM2319B REG., NO: N87VB WORK ORDER: 6898



Nassau Flyers

1300 New Hwy Farmingdale, NY 11735 Phone: 631-454-0626 DATE: 8/18/2021 A/C TSN: 752.4 PROP TT: 752.4 TACH: 752.4

Prop Entries

Performed propeller 100 hour inspection IAW Cirrus AMM 5-20.

*Removed propeller spinner and serviced/dressed/painted propeller as need, then reinstalled spinner

Maintenance Release

This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times

DATE: 8/18/2021

SIGNED

4

Work Order: 6898

Mohammed Farhanuddin, A&P 4183289

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PROP MODEL: HC-E3YR-1RF PROP S/N| FM2319B REG. NO: N87VB WORK ORDER: 6939



Nassau Flyers

1300 New Hwy Farmingdale, NY 11735 Phone 631-454-0626 DATE: 10/12/2021 A/C TSN: 838.7 PROP TT 838.7 TACH: 838.7

Prop Entries

Performed propeller 100 hour inspection IAW Cirrus AMM 5-20.

*Removed propeller spinner and serviced/dressed/painted propeller as need, then reinstalled spinner

Maintenance Release

This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in advertity condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times.

DATE: 10/12/2021

John Magnowski A&P 327339

Work Order: 6939

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PROP MODEL: HC-E3YR-1RF PROP S/N: FM2319B REG. NO: N87VB WORK ORDER: 6987



Nassau Flyers

1300 New Hwy Farmingdale, NY 11735 Phone: 631-454-0626 DATE: 12/16/2021 A/C TSN: 932,2 PROP TT: 932,2 TACH: 932,2

Prop Entries

Performed propeller 100 hour inspection IAW Cirrus AMM 5-20.

*Removed propeller spinner and serviced/dressed/painted propeller as need, then reinstalled spinner.

Maintenance Release

This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times

DATE: 12/16/2021

SIGNED



FLYERS

Work Order: 6987

Mohammed Farhanuddin, A&P: 4183289

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PROP MODEL: HC-E3YR-1RF PROP S/N: FM2319B REG. NO: N87VB WORK ORDER: 7066



Nassau Flyers

1300 New Hwy Farmingdale, NY 11735 Phone: 631-454-0626 DATE: 4/1/2022 A/C TSN: 1026.5 PROP TT: 1026.5 TACH: 1026.5

Prop Entries

Performed propeller 100 hour inspection IAW Cirrus AMM 5-20.

*Removed propeller spinner and serviced/dressed/painted propeller as need, then reinstalled spinner

Maintenance Release

This aircraft, engine, propeller or component(s) on N87VB were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times.

DATE: 4/1/2022

SIGNED

Work Order: 7066

Mohammed Farhanuddin, A&P: 4183289

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