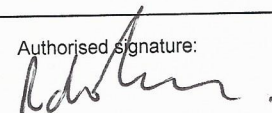


1	SOUTH AFRICAN CIVIL AVIATION AUTHORITY	2	AUTHORISED RELEASE CERTIFICATE				3	Certificate Ref. No. Job card: 15445					
CA 21-19 AIRWORTHINESS APPROVAL TAG							5					Work order/ registration:	
4 Approved Organization name and address: PROPELLER CENTRE CC Hangar S1, Wonderboom Airport, Gauteng, RSA Tel No: +27 12 567 1689 Fax No: +27 12 543 0684 e-mail: dolf@propcentre.co.za													
6	Item	7	Description	8	Part No:	9	Eligibility*	10	Qty	11	Serial No:	12	Status / Work carried out
ONE			PROPELLER		HC-B3TF-7A			ONE			EXA1236		OVERHAUL
13 Remarks: Manuals: Propeller: 118F R 26: 04/16 Blades: 133C R 34: 01/17 Standard practices: 202A R 29-55: 02/17 Blade model T 9212N-2 Blade serials 1) J92732 2) J92730 3) J92731													
Service documents:													
PUB.NO		SUBJECT				N/A	EMB	FND EMB	RELEVANT A.D.				
SB 118F R1		BLADE COLD ROLLING					X						
SB 118F R1		AD 2002-09-08 SUPERCEDED BY AD 2007-26-09					X						
SB 136I R1		BLADE BORE INSPECTION					X						
SB 137A		REPLACEMENT OF A282 INNER CLAMP SCREW					X		96-18-14				
SB 61-261		HUB REPLACEMENT & CLAMP INSPECTION				X							
SB 61-280		LINK PIN ASSEMBLIES						X					
ASB 61-337 R1		INSPECTION OF THE A-880-1 PISTON NUT ON STEEL HUBS					X		2009-10-14				
ASB 61-313 R 3		B3386-14H BOLT INSPECTION & REPLACEMENT LOT LFC 224						X					
SI 169		INSTALLATION OF A 1372 CLAMP BOLTS				X							
SL 61-185 R3		TACHOMETERS					X						
SL 61-217		HARDWARE REPLACEMENT AT O/H				X							
SL 61-343		PRODUCT CATEGORY - LUBRICATION PROCEDURE					X						
SL 30-259 R14		HARTZELL PROPELLER MOUNTED ICE PROTECTION					X						
SL 61-353		AEROSHELL GREASE 5					X						
SL 61-258 R1		BLADE CLAMP SEALING PROCEDURE				X							
SL 61-61Y R10		TBO TIMES											
PROPS O/H'd BY SOUTHERN CALIFORNIA PROPELLER SERVICE. SERIAL SPECIFIC						X			2005-14-11				
No other Manufacturer's Service Documents or FAA AD's applicable to the above propeller as at the date specified in BLOCK 19.													
LIFE LIMITED PARTS: NIL													
14. Certifies the items identified above where manufactured in conformity to: <input type="checkbox"/> approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved data specified in block 13						19. <input checked="" type="checkbox"/> Part 43 Release to service <input type="checkbox"/> Other regulation specified in block 13 Certifies that unless otherwise specified in Block 13, and the work identified in Block 12 and described in Block 13 was accomplished in accordance with Civil Aviation regulations, part 43 and in respect to that work, the items are approved for return to service.							
15. Authorised signature:			16. Approval/Authorization No.			20. Authorised signature: 			21. Certificate/approval no. <div style="border: 1px solid black; padding: 2px; text-align: center;">A.M.O. 155 INSPECTOR NO 2</div>				
17. Name:			18. Date: dd/mm/yyyy			22. Name: R DU TOIT PROPELLER CENTRE INSPECTOR 2 A.M.O. 155			23. Date: dd/mm/yyyy 10/03/2017				
*installer must cross check eligibility with applicable technical data USER/INSTALLER RESPONSIBILITIES													
1) It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly 2) Where the user/installer performs work in accordance with the national regulations of an airworthiness authority other than the one specified in block 1, it is essential that the user/installer ensures that their airworthiness accepts parts/ components/assemblies from the airworthiness authority specified in block 1 3) Statement 14 & 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification, issued in accordance with the national regulations by the user/installer before the aircraft may be flown													

PROPELLER CENTRE

SERIAL NO: EXA1236

PROP TYPE HC-B3TF-7A

BLADE TYPE T 9212N-2

BLADE #1: J92732

BLADE #2: J92730

BLADE #3: J92731

CLAMP #1: EM16699

CLAMP #2: EM16737

CLAMP #3: EM16746

CUSTOMER: BASE 4 Aero Tech

JOB NO: 15445

WORK REQ OVERHAUL

MANUALS:

STD PRACTICES 202A R 29-55: 02/17

HUB 202A Vol 4 R 30: 02/17

CLAMPS 202A Vol 5 R 29: 01/16

BLADE 133C R 34: 01/17

PROP 118F R 26: 04/16

	COMPLETED
HUB TRAVELLER	<input checked="" type="checkbox"/>
CLAMP TRAVELLER	<input checked="" type="checkbox"/>
BLADE TRAVELLER	<input checked="" type="checkbox"/>
BLADE INSPECTION	<input checked="" type="checkbox"/>

FAA 8130-3

	N.D.T.
HUB	<input checked="" type="checkbox"/>
BLADES	<input checked="" type="checkbox"/>
CLAMP ASSY	<input checked="" type="checkbox"/>
SPINNERS	<input checked="" type="checkbox"/>
PROP	<input checked="" type="checkbox"/>

DESPATCH CHECK

MOUNTING HARDWARE ☒

MOUNTING O-RING ☒

DOWELS ☒

SPINNER ASSY ☒

PAPERWORK ☒

CRMA ISSUED: [Signature]

DESPATCH DATE

PROPELLER CENTRE
REQUIRED N.D.T INSP SHEET

JOB CARD: 15445

PROP SER # EXA1236

BLADE SERIALS: 1) J92732

2) J92730

3) J92731

CLAMP SERIALS: 1) EM16699

2) EM16737

3) EM16746

MANUAL: HARTZELL MANUAL 202A, Vol 2 R29 (08/12)

PARTS	QTY		QTY		QTY	
WORK REQUIRED	MPI	SIGN	DYE PEN	SIGN	ECI	SIGN
HUB:	1	X				
CLAMP HALVES	6	X				
COUNTER WEIGHTS	3	X				
COUNTERWEIGHT SLUGS	6	X				
BLADES			3		3	
BLADE BEARING RACES	12	X				
BLADE BEARING RETAINER RINGS	3	X				
CYL	1	X				
PISTON			1	X		
PISTON ROD	1	X				
SPRING CUP			1	X		
FEATHER SPRING	1	X				
SPRING RETAINER			1	X		
SPRING THRUST BEARING	1	X				
SPRING THRUST WASHER	1	X				
LINKS	3	X				
BETA ROD	3	X				
BETA RING			1			
DE-ICE SLIP RING			1	X		
SPINNER BACKPLATE BRACKETS	2					

MPI PROCESS:

PENETRANT PROCESS:

EDDY CURRENT PROCESS:

TECHNICIAN:

INSPECTOR:

24/02/2017

PROPELLER CENTRE
INSPECTOR 6
AMO 155

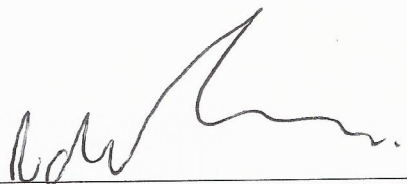
PROPELLER CENTRE

STEEL HUB OVERHAUL MANUAL: 202A Vol 4 R 30: 02/17

JOB #	15445	HUB SERIAL:	PROP SERIAL: EXA1236	SIGN
HUB PART #		840-116		
1	Clean and disassemble			Ⓟ
2	Strip plating			Ⓟ
3	Polish pilot tubes			Ⓟ
4	Inspect pilot tubes			Ⓟ
5	Perform pilot tube slip test			Ⓟ
6*	Remove pilot tubes			Ⓟ N/A
7*	Rework hub pilot tube bores			Ⓟ N/A
8*	INSPECT hub pilot tube bores			Ⓟ N/A
9*	INSPECT, Magnetic Particle pilot tube bores (rework, re-inspect, if necessary)MAN 202A Vol 2			X
10	Rework hub threads, mounting flange, other surfaces (as req)			Ⓟ
11	INSPECT hub threads, mounting flange, other surfaces (as applicable)			Ⓟ
12	INSPECT, Magnetic Particle (entire hub)MAN 202A Vol 2			X
13	Shot peen hub, if necessary			Ⓟ N/A
14	INSPECT shot peening			Ⓟ
15	Cadmium plate hubMAN 202A Vol 10			Ⓟ
16	INSPECT cadmium plating			Ⓟ
17*	INSPECT and record hub arm bore dimensions			
	location D1 #1 #2 #3			
	location D2 #1 #2 #3			
	location D3 #1 #2 #3			
	average #1 #2 #3			
18*	Install Pilot tubes, indicate pilot tube part number #1 A-1891- #2 A-1891- #3 A-1891-			N/A
19*	Perform pilot tube slip test			N/A
20*	INSPECT, Magnetic Particle (hub area adjacent to pilot tubes)MAN 202A Vol 2			X
21	Apply corrosion inhibitor			Ⓟ
22	Install expansion plugs or cork seals (as applicable)			Ⓟ
23	Apply markings T.C.#, model, as applicable			Ⓟ
24	Final inspect and tag.			Ⓟ

NOTE: Operations 6, 7, 8, 9, 17, 18, 19 and 20 are not required if pilot tubes are not removed.

INSPECTOR



BLADE CLAMP OVERHAUL MANUAL: 202A Vol 5 R 29: 01/16

JOB # 15445

Clamp Model #

838-93

Prop serial: EXA1236

Clamp Serials #

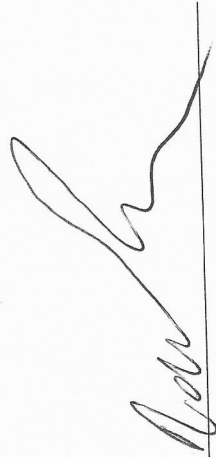
EM16699

EM16737

EM16746

Operation	Description of Operation	EM16699	EM16737	EM16746
10	Verify and stamp serial number on counterweight. Disassemble.	B	B	B
20	Strip Cadmium plating.	B	B	B
30	INSPECT - Linkscrew threads, wear area, lug height, and dowel pin hole.	B	B	B
40	REPAIR - Modify lug height, repair damaged areas, chamfer dowel pin hole.	B	B	B
	Rework outboard shoulder/clamp exit.	B	B	B
50	INSPECT- Wall thickness, counterweight mounting holes, reworked areas. NB: SI 159			
60	INSPECT-Magnetic particle inspect clamp & counterweight.			
	MAN 202A Vol 2			
	OUTSIDE VENDOR			
70	REPAIR - Shot peen.	N/A	N/A	N/A
80	INSPECT - Shot peen coverage & location	B	B	B
90	Deburr and peen outside edges. Check shot peen coverage.	N/A	N/A	N/A
100	Cadmium plate the clamp and counterweight and bake	B	B	B
	MAN 202A Vol 10	B	B	B
110	Check Cadmium plating.	B	B	B
120	Install A304 linkscrew TORQUE 45ft.lbs.	B	B	B
130	Install counterweight.TORQUE A2036-XX bolts 65ft.lbs.	B	B	B
140	INSPECT - counterweight fit.	B	B	B
150	Drill & lock linkscrew & counterweight bolts. #42 (2.35mm) drill & A285 pins	B	B	B
160	Mask and paint.	B	B	B
170	INSPECT - Final inspect & tag	B	B	B

INSPECTOR



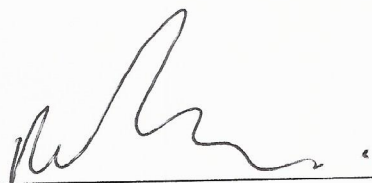
ALUMINUM BLADE OVERHAUL: P,R,M,MV,T,Z, or W Shank Blade Overhaul Traveller

MANUAL: 133C R 34: 01/17

JOB # 15445 PROP # EXA1236BLADE MODEL: T 9212N-2SERIAL: J92732 J92730 J92731

Oper.	Description	Chapter/Paragraph	J92732	J92730	J92731
1	Remove de-icer boot	De-Icer 1.B. & MAN 180	<u>D</u>	<u>B</u>	<u>D</u>
2	Initial airfoil appraisal	Airfoil 2.B. & Appendix C,	<u>D</u>	<u>B</u>	<u>B</u>
3	Clean shank	Shank 2.B.(1)	<u>D</u>	<u>B</u>	<u>D</u>
4	Remove lead and clean balance hole	Shank 2.F.(2) (3)	<u>D</u>	<u>B</u>	<u>D</u>
5	Dimensionally inspect balance hole	Shank 2.F.(4)	<u>B</u>	<u>D</u>	<u>D</u>
6	Rework balance hole, if req	Shank 2.F.(6)	<u>D</u>	<u>D</u>	<u>D</u>
7	Shot peen balance hole, if req	Shank 2.F.(8)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
8	Dimensionally inspect shank OD	Shank 2.B.(5)	<u>R</u>	<u>D</u>	<u>R</u>
9	Inspect radius, visual & Comparator	Shank 2.B.(3) Appnd A	<u>R</u>	<u>D</u>	<u>R</u>
10	Rework blade radius	Shank 2.B.(4),(5)	<u>D</u>	<u>R</u>	<u>D</u>
11	Dimensionally inspect blade shank	Shank 2.B.(6)	<u>R</u>	<u>R</u>	<u>R</u>
12	Check & adjust angles, face alignment compare edge alignment within set	Airfoil 2.B. & J. Appendix C, blade specs	<u>D</u>	<u>D</u>	<u>D</u>
13	Grind and polish blade	Airfoil 2.D,E,F.	<u>D</u>	<u>D</u>	<u>D</u>
14	Remove bearings & bushes	Shank 2.G.(1)	<u>D</u>	<u>D</u>	<u>D</u>
15	Visual & dimensional inspect blade bore	Shank 2.G.(3) table 206.1	<u>D</u>	<u>D</u>	<u>D</u>
16	Rework bore as required	Shank 2.G.(4)	<u>D</u>	<u>D</u>	<u>D</u>
17	Etch blade	MAN 202A V2 &	<u>R</u>	<u>L</u>	<u>R</u>
	Dye penetrant inspect: blade bore	Shank 2.G.(7)	<u>R</u>	<u>R</u>	<u>R</u>
	Dye penetrant inspect: shank	Shank 2.B.(8)	<u>R</u>	<u>R</u>	<u>R</u>
	Dye penetrant inspect: airfoil	Airfoil 2.H.	<u>R</u>	<u>R</u>	<u>R</u>
	Eddy current hard alloy blade airfoil	Special insp #3.D.4	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
	Eddy current balance hole and radius	Shank 2.F.(7)	<u>R</u>	<u>R</u>	<u>R</u>
18	Final polish blade	Airfoil 2.F	<u>D</u>	<u>D</u>	<u>D</u>
19	Final dimension insp, blade and shank	Airfoil 2.J. Shank 2.B.(5)	<u>D</u>	<u>D</u>	<u>D</u>
20	Alodine blade	MAN 202A Vol 10	<u>D</u>	<u>D</u>	<u>D</u>
21	Paint bore & balance hole	Shank 2.D.(7)	<u>D</u>	<u>D</u>	<u>D</u>
22	Install bearings	Shank 2.G.(10)	<u>D</u>	<u>D</u>	<u>D</u>
23	Roll blade shank	Shank 2.B.(10 e) Appnd E	<u>D</u>	<u>D</u>	<u>D</u>
24	Inspect shank surface w/profilometer	Airfoil 2.B (10 d)	<u>R</u>	<u>B</u>	<u>D</u>
25	Inspect shank on Comparator	Shank 2.B.(9)	<u>R</u>	<u>R</u>	<u>R</u>
26	Install de-icer boot	Deicer 1.C. & MAN 180	<u>D</u>	<u>D</u>	<u>D</u>
27	Balance blade	Balancing 1.	<u>D</u>	<u>D</u>	<u>D</u>
28	Final blade inspection		<u>D</u>	<u>D</u>	<u>D</u>
29	Issue Maintenance Release tag		<u>D</u>	<u>D</u>	<u>D</u>

INSPECTOR



ALUMINUM BLADE OVERHAUL : AIRFOIL WIDTH & THICKNESS

MANUAL 133C R 34: 01/17

JOB CARD: 15445

PROP #: EXA1236

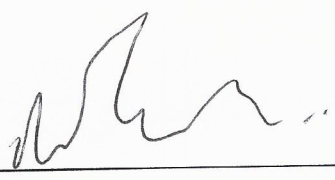
BLADE TYPE: T 9212N-2

	J92732		J92730		J92731		MINIMUM	
STA	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK
8	4.377	2.815	4.378	2.778	4.387	2.771	4.240	2.771
10	-----	2.051	-----	2.025	-----	2.028	-----	1.925
12	5.712	1.296	5.730	1.266	5.724	1.276	5.490	1.192
18	6.971	0.681	6.971	0.676	6.964	0.683	6.800	0.625
24	7.482	0.482	7.496	0.480	7.475	0.478	7.330	0.430
30	7.380	0.405	7.391	0.407	7.387	0.407	7.250	0.350
36	6.809	0.385	6.793	0.382	6.804	0.387	6.690	0.330
	5.963	0.327	5.957	0.329	5.961	0.324	5.890	0.275
42		0.158		0.155		0.152		0.075

	FACE ALIGN			ANGLES		
	J92732	J92730	J92731	J92732	J92730	J92731
8	----	----	----	----	----	----
12	----	----	----	----	----	----
18	0.215	0.220	0.210	18,1°	18,1°	18,1°
24	0.100	0.112	0.110	13,7°	13,7°	13,7°
30	0.010	0.009	0.012	9,6°	9,6°	9,6°
33	-0.040	-0.051	-0.045	7,6°	7,6°	7,6°
36	-0.125	-0.115	-0.120	5,7°	5,7°	5,7°
42						

CHECK EDGE ALIGNMENT WITHIN THE BLADE SET: ALIGNMENT AT EACH CORRESPONDING STATIONS, WITHIN 0,120", HIGHEST TO LOWEST.

Ship 0

INSPECTOR 

CHAPTER 2 BLADE SHANK OVERHAUL SECT B

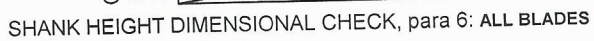
CHAPTER 2 BLADE SHANK OVERHAUL SECT B

JOB CARD: 15445

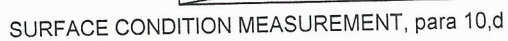
D, E & Y SHANK ONLY, OUTSIDE DIAMETER, AREA "B" para 2,a



M, P & R SHANKS, para 2, c



D, E & Y SHANK ONLY, LIP THICKNESS

INSPECTOR

POST ROLLING INSPECTION

INSPECTOR

n

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X

X

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n

TURBINE STEEL HUB SERIES VIEWING SHEET

MANUAL: 118F R 26: 04/16

JOB # 15445

SERIAL: EXA1236

MODEL: HC-B3TF-7A

INSPECTED BY: _____

ITEM	MAXIMUM	MINIMUM	STATUS
CYLINDER B-1803-() LARGE O.D		4.2730	S
CYLINDER B-1803-() SMALL O.D		3.5970	S
PISTON A-862-1 BUSH I.D	4.2860		S
LINK ARM THICKNESS BIG END		0.4000	S
LINK ARM LINK PIN HOLE I.D	0.3775		S
LINK ARM LINK SCREW HOLE I.D	0.5645		S
LOW STOP ROD O.D		0.3700	S
LOW STOP COLLAR GROOVE WIDTH	0.5100		S
LOW STOP COLLAR UPPER WALL THICKNESS		0.0830	S
LOW STOP COLLAR LOWER WALL THICKNESS		0.0750	S
LOW STOP COLLAR I.D.	5.4270		S
PITCH CHANGE ROD O.D.		0.7310	S
SPRING RET CUP A-1827-();C-2858;C5976 I.D		0.7410	S
GUIDE COLLAR BUSHING I.D.	0.3870		S
BACKPLATE START LOCK PIN O.D (B3TN-3()Y)		0.3070	S

INSPECTOR



TURBINE STEEL HUB SERIES VIEWING SHEET

MANUAL: 118F R 26: 04/16

JOB # 15445

SERIAL: EXA1236

MODEL: HC-B3TF-7A

INSPECTED BY:

ITEM	MAXIMUM	MINIMUM	STATUS
BETA FEEDBACK ROD O.D.		0.6630	S
BETA FEEDBACK ROD GROOVE DIAMETER	0.5560		S
BETA FEEDBACK ROD O.D. AREA 4		0.3720	S
BETA VALVE SPRING RETAINER TAB WIDTH		0.2000	S
BETA VALVE SPRING RETAINER I.D.	1.2000		S
BETA VALVE SPRING RETAINER I. DEPTH			S
BETA VALVE SPRING RETAINER DEPTH		0.3700	S
BETA VALVE SPRING RETAINER FLANGE WIDTH	0.0450		S
BETA VALVE INNER SPRING FREE LENGTH		6.8600	S
BETA VALVE OUTER SPRING FREE LENGTH		5.8800	S
BETA VALVE WASHER THICKNESS		0.1800	S
BETA VALVE WASHER O.D.		0.6630	S
BETA VALVE WASHER I.D.	0.1330		S
BETA VALVE WASHER PIN HEAD CUT OUT I.D.	0.2700		S
BETA VALVE WASHER PIN HEAD CUT OUT DEPTH	0.1300		S
BETA VALVE SHAFT ADAPTOR O.D.		1.2450	S
BETA VALVE SHAFT ADAPTOR GROOVE O.D.		1.1380	S
BETA VALVE SHAFT ADAPTOR GROOVE I.D.	0.9290		S
BETA VALVE SHAFT ADAPTOR INTERNAL LANDS I.D.	0.7530		S
BETA VALVE SHAFT ADAPTOR OUTER FLANGE O.D.		1.4950	S
BETA VALVE SHAFT ADAPTOR GROOVE O.D.		1.3910	S
BETA VALVE SPOOL O.D.		0.6243	S
BETA VALVE SPOOL FLAT THICKNESS		0.1800	S
BETA VALVE SPOOL I.D.	0.1320		S
BETA VALVE SLEEVE I.D. (AREA 1 Fig 5.19)	0.6670		S
BETA VALVE SLEEVE SLOT DEPTH	0.6170	0.5770	S
BETA VALVE SLEEVE HOLES I.D. (4)	0.1875	0.1853	S
BETA VALVE SLEEVE O.D.		0.7460	S
BETA VALVE SLEEVE I.D. (AREA 5 Fig 5.19)	0.6254		S
BETA VALVE PUSH ROD I.D.	0.2140		S
BETA VALVE PUSH ROD THREADED AREA O.D.		0.4150	S
REVERSE PITCH INDICATOR PIN HEAD O.D.		0.2250	S
REVERSE PITCH INDICATOR PIN HEAD THICKNESS		0.1160	S
REVERSE PITCH INDICATOR PIN O.D.		0.1220	S
PUSH ROD SPOOL LANDS O.D.		0.6243	S
PUSH ROD SPOOL FLANGE WIDTH		0.1800	S
PUSH ROD SPOOL ROD END I.D.	0.2430		S
PUSH ROD SPOOL O.D.		0.4360	S
ENGINE COVER O RING GROOVE O.D.		2.3140	S
ENGINE COVER BEARING I.D.	0.4400		S
ENGINE COVER FLANGE WIDTH		0.2300	S
ENGINE COVER HOLE I.D. (6)	0.2880		S
VALVE BUSHING LENGTH		0.5020	S
ROD END FITTING GROOVE WIDTH	0.3180		S
ROD END FITTING BUSHING PASSAGE I.D.	0.5645		S
ROD END FITTING HOLE I.D.	0.1925		S
ROD END FITTING WIDTH	0.4960		S
ROD END CAP ACROSS FLATS		0.6700	S
ROD END CAP I.D.	0.1440		S

INSPECTOR

PROPELLER CENTRE

PARTS REQUISITION: HARTZELL STEEL HUB SERIES TURBINE

JOB CARD: 15445 MODEL: HC-B3TF-7A SERIAL NO: EXA1236

QTY	PART NO.	DESCRIPTION	TRACE	
			ORDER #	BATCH
1.00	100059	DECAL		
1.00	100062	DECAL		
3.00	101375	PULL PLUG		
3	3E2507-1/2092-2	HARNESS		
3.00	4E3048-10/2200-10	DEICE BOOT		
6.00	A1306	GASKET		
6.00	A1328-1	BOLT MTG		
6.00	A1372	BOLT		
6.00	A1373	NUT		
6.00	A1381	WASHER MTG.		
	A1851T	BEARING		
	A1891A	PILOT TUBE		
6.00	A2036-22	BOLT		
3.00	A2037	SCREW		
1.00	A2038-12	SCREW		
9.00	A285	PIN		
3.00	A304	LINK SCREW		
6.00	A321	SCREW		
3.00	A6119	WASHER		
1.00	A880-1	NUT		
3.00	A944	SLEEVE		
6.00	B3386-14H	BOLT		
3.00	B3838-3-3	SPLITPIN		
1.00	B1843	FELT		
3.00	B3897-1	PLUG 1125-A81		
2.00	B6138-8-8	DOWEL		
57.00	B6144-2	BALL		
6.00	B6544	LUBRICAP #3		
6.00	B6588-1	FITTING MS 15001-1		
3.00	B6682	BEARING J2816		
3.00	B6684	BEARING SCH2216		
1.00	C3317-006	O RING BETA VALVE		
1.00	C3317-012-2	O RING ROD		
1.00	C3317-014	O RING BETA VALVE		
1.00	C3317-020	O RING PRP914-8		
1.00	C3317-024	O RING BETA VALVE		
1.00	C3317-028	O RING BETA VALVE		
1.00	C3317-111	O RING BETA VALVE		
2.00	C3317-116	O RING BETA VALVE		
1.00	C3317-141	O RING BETA VALVE		
1.00	C3317-228	O RING PRP909-8		
3.00	C3317-232	O RING PRP909-10		
1.00	C3317-235	O RING PRP909-13		
1.00	C3317-343-2	O RING PRP902-50-2		
3.00	HPI LG OV	DECAL		

FAA CERTIFICATES ON FILE, REF ORDER/ JOB NUMBER

Stores
Supplied.


PROPELLER CENTRE
AMO 155
INSP.02

HARTZELL STEEL HUB SERIES TURBINE

MODEL: HC-B3TF-7A
 PROP SER.#: EXA1236
 MANUAL NO: 118F R 26: 04/16

DATE: _____
 JOB CARD: 15445
 BLADE MODEL #: T 9212N-2

	MECH	INSP
HUB: MANUAL NO: <u>202A Vol 4 R 30: 02/17</u>		
REPAIRS CARRIED OUT: <u>K</u>	<u>R</u>	
PILOT TUBE PLUGS: <u>K</u>	<u>R</u>	
SPINNER MTG. PLATES: <u>K</u>	<u>R</u>	
GUIDE RODS & SPRINGS: <u>K</u>	<u>R</u>	
CYLINDER & GUIDE COLLAR: <u>K</u>	<u>R</u>	
FEATHER SPRING ASSY: <u>K</u>	<u>R</u>	
BEARING ASSY.: <u>K</u>	<u>R</u>	
PISTON ASSY.: <u>K</u>	<u>R</u>	
NEW O'RING & FELT: <u>K</u>	<u>R</u>	
CLAMP: MANUAL NO: <u>202A Vol 5 R 29: 01/16</u>		
FIT CWT. SLUGS: <u>K</u>	<u>R</u>	
FIT LINK ARM & BUSHES: <u>K</u>	<u>R</u>	
FIT CLAMPS TO HUB: <u>K</u>	<u>R</u>	
FIT LINK PINS: <u>K</u>	<u>R</u>	
TORQUE A321 40ft.lbs.: <u>K</u>	<u>R</u>	
CLAMP BOLTS TORQ 65ft lbs: <u>K</u>	<u>R</u>	
BLADE SLIP CHECK: <u>K</u>	<u>R</u>	

BLADE SERIALS

1 J92732
 2 J92730
 3 J92731

CLAMP SERIALS

1 EM16699
 2 EM16737
 3 EM16746

METAL 165ft.lbs: ☐

SET ANGLES: K R

REVERSE RECORD: -10.0°
 FEATHER RECORD: 86.2°

DE-ICE SYSTEM:

BOOTS: James R
 SLIP RING: K R
 TRACK CHECK: K R

HARNESS: R R
 RUN-OUT: R R
 FINAL BALANCE: K R

BLADES REMOVED FOR SHIPPING PURPOSES

YES ☐ NO ☐

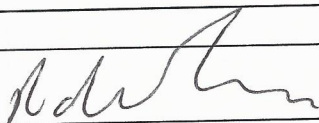
DATE: 3/3/17

SERVICE DOCUMENT LIST

JOB CARD 15445
 PROPELLER SERIAL EXA1236
 PROPELLER MODEL HC-B3TF-7A
 BLADE MODEL T 9212N-2

PUB.NO	SUBJECT	N/A	EMB	FND EMB	RELEVANT AD
SB 118F R1	BLADE COLD ROLLING		X		
SB 118F R1	AD 2002-09-08 SUPERCEDED BY AD 2007-26-09				
SB 136I R1	BLADE BORE INSPECTION		X		
SB 137A	REPLACEMENT OF A282 INNER CLAMP SCREW		X		
SB 61-261	HUB REPLACEMENT & CLAMP INSPECTION	X			96-18-14
SB 61-280	LINK PIN ASSEMBLIES			X	
ASB 61-337 R1	INSPECTION OF THE A-880-1 PISTON NUT ON STEEL HUBS		X		
ASB 61-313 R 3	B3386-14H BOLT INSPECTION & REPLACEMENT LOT LFC 224		X		2009-10-14
SI 169	INSTALLATION OF A 1372 CLAMP BOLTS			X	
SL 61-185 R3	TACHOMETERS	X			
SL 61-217	HARDWARE REPLACEMENT AT O/H		X		
SL 61-343	PRODUCT CATEGORY - LUBRICATION PROCEDURE	X			
SL 30-259 R14	HARTZELL PROPELLER MOUNTED ICE PROTECTION		X		
SL 61-353	AEROSHELL GREASE 5		X		
SL 61-61Y R10	TBO TIMES	X			
SL 61-258 R1	BLADE CLAMP SEALING PROCEDURE		X		
PROPS O/H'd BY SOUTHERN CALIFORNIA PROPELLER SERVICE. SERIAL SPECIFIC		X			2005-14-11

INSPECTOR:



DATE:

10/3/17

**PROPELLER CENTRE
CALIBRATED TOOL LOG**

JOB No: 15445

Prop Serial No:

EXA1236

DESCRIPTION	SERIAL NUMBER	CALIBRATION DUE	USED
BEARING PRESS(GUAGE)	04	17 February 2018	
Snap-on torque comparator	3791	17 February 2018	X
20-100 Nm Torque Wrench	172342V	COMPARATOR	X
40-200 Nm Torque Wrench	1476333Y	COMPARATOR	X
Torquometer **	11729	17 February 2018	
Torquometer **	10455	17 February 2018	
Torquometer	14510	COMPARATOR	
Torquometer	1256	COMPARATOR	
Torquometer	1132	COMPARATOR	
Britool(click type)	EO23253	COMPARATOR	
Wright(beam type)	802178	COMPARATOR	
-----	PC001	COMPARATOR	
Stahlwille	1821	COMPARATOR	
Digital vernier 0-12"	PC002	17 February 2018	X
Digital vernier 0-6"	PC003	17 February 2018	X
Mitutoyo vernier 0-12"	PC004	17 February 2018	X
Mitutoyo vernier 0-12"	PC005	17 February 2018	X
Digital vernier 0-12"	709115264	17 February 2018	X
Digital vernier 0-12"	2508115467	17 February 2018	X
Oditronic digital caliper	293627	17 February 2018	X
0-600 mm Height Gauge **	XC 643	17 February 2018	X
0-600 mm Height Gauge	4	REFERENCE ONLY	X
0-1" Outside Micrometer	XP 676	17 February 2018	X
1-2" Outside Micrometer	XC 628	17 February 2018	X
2-3" Outside Micrometer	XC 639	17 February 2018	X
3-4" Outside Micrometer	XT 200	17 February 2018	X
4-5" Outside Micrometer	XC 641	17 February 2018	X
5-6" Outside Micrometer	XC 642	17 February 2018	X

Calibration certificates held in Manual of Procedures

Inspector: 