# N53RD

### 1981 Cessna Citation I

# RH Engine Logbook SMOH | 76361 2001 - 2024

MSN: 500-0415



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



Customer: RidgeAire		Work Order #: N53RD	Order/Task: Engine BSI	3 June 2024	Tech: George Salazar	
Model:	Serial: RH	TSN:	CSN:	TSO:	CSO:	
JT15D-1A	PC-E76361	UNK	UNK	UNK	UNK	

#### Engine Installation and Condition on Arrival:

Engine SN PC-E76361 is installed in #2 position of Citation 500, N53RD, SN 500-415. Engine is in service.

INSPECTION POINT:	FINDINGS:
Inlet and Fan:	Dirty, No discrepancies noted at this time
Boost Rotor:	N/A
Stator Vane:	N/A
Inlet and Impeller:	No discrepancies noted at this time
Diffuser Tubes:	No discrepancies noted at this time
Deflector Segments/Ring:	N/A
Combustion Liner:	No discrepancies noted at this time
Small Exit Duct:	Erosion & Buckling
HT Stator:	Outer wall crack radially, axially into Airfoil
HT Blades:	Blade's look good, however not much left on the tips
HT Segments:	Evidence of rub
1 <sup>st</sup> Stage LT Blades:	No discrepancies noted at this time
2 <sup>nd</sup> Stage LT Blades:	No discrepancies noted at this time
#4 Bearing Housing:	No discrepancies noted at this time

GENERAL INSPECTION:		FINDINGS:	
Engine Installation:	Normal		
State of Preservation:	N/A		

#### Additional Information:

Cracks exceeding .020 gap must be repaired, as of inspection, your good to continue service



Customer: RidgeAire		Work Order #: Order/Task: N53RD Engine BSI		Date: 3 June 2024	Tech: George Salazar
Model:	Serial: RH PC-E76361	TSN:	CSN:	TSO:	cso:
JT15D-1A		UNK	UNK	UNK	UNK



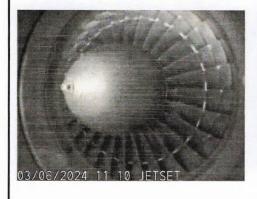
03/06/2024 11:09 JETSET



Aircraft Registration No.

Airframe Data Plate

**Engine Data Plate** 







Low Compressor (Fan)

Low Compressor (Fan)

Low Compressor (Fan)







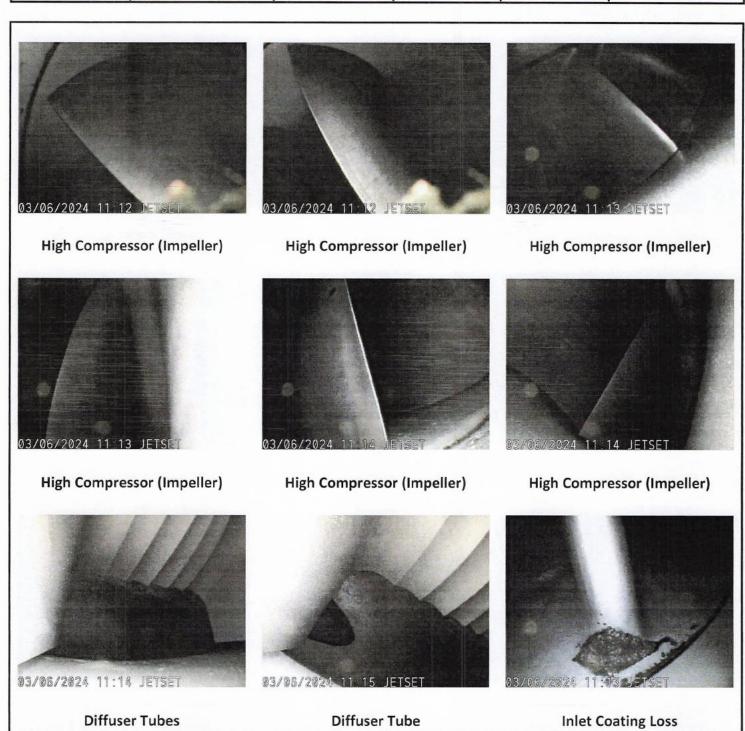
Low Compressor (Fan)

Low Compressor (Booster)

**Inlet Sensor** 

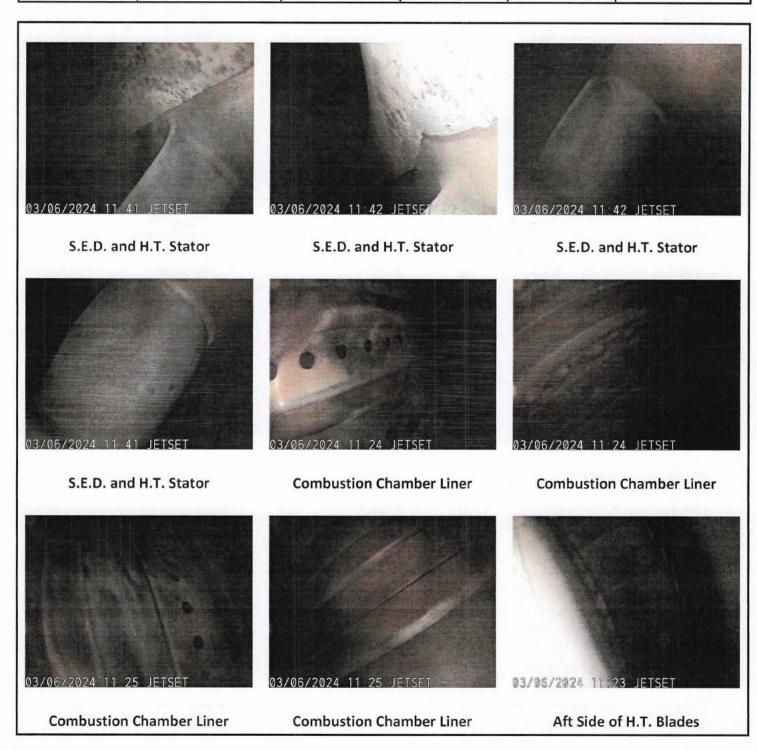


Customer: RidgeAire		Work Order #:	Order/Task:	Date:	Tech:
		N53RD	Engine BSI	3 June 2024	George Salazar
Model:	Serial: RH	TSN:	CSN:	TSO:	cso:
JT15D-1A	PC-E76361	UNK	UNK	UNK	UNK





Customer:	RidgeAire	Work Order #: N53RD	Order/Task: Engine BSI	Date: 3 June 2024	Tech: George Salazar	
Model:	Serial: RH	TSN:	CSN:	TSO:	cso:	
JT15D-1A	PC-E76361	UNK	UNK	UNK	UNK	





Customer: RidgeAire		Work Order #:	Order/Task:	Date:	Tech:	
		N53RD	Engine BSI	3 June 2024	George Salazar	
Model:	Serial: RH	TSN:	CSN:	TSO:	cso:	
JT15D-1A	PC-E76361	UNK	UNK	UNK	UNK	



H.T. Blades and Segments



H.T. Blades and Segments



**H.T. Blades and Segments** 



1st Stage Low Turbine Blades



2<sup>nd</sup> Stage Low Turbine Blades



**HT Airfoil Crack** 



HT Vane Outer Wall Crack



HT Vane Outer Wall Crack



**HT Vane Outer Wall Crack** 



Repair Station #: W6NR985J

November 27, 2019

Registration #: N53RD Manufacturer: Cessna

Part/Model number: 500

Work Order No: JET7967

Total AC Time: 7,876.0

Total AC Cycles: 7,923

Aircraft Serial Number: 5000415

Date: 11/27/2019

Sq	u	av	٧ŀ	

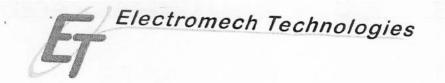
- COMPLIED WITH INCOMING PERFORMANCE RUN AS REQUIRED IAW CESSNA 500 AMM AND P&W JT15D-1 EMM. 1.1
- COMPLIED WITH PRISM CHECK OF COCKPIT ACRYLIC WINDOW WITH SATISFACTORY RESULTS IAW CESSNA500 1.2 SERIES MM 56.
- PERFORMED AVIONICS FUNCTIONAL CHECKS PER AC43.13-1B, CH 12 AND MFG MM, DISCREPANCIES NOTED AND 1.3 GIVEN TO CUSTOMER
- COMPLIED WITH BORESCOPE INSPECTION OF LEFT AND RIGHT ENGINES AS REQUIRED IAW P&W JT15D-1 EMM. 1.4
- TOPPED OFF AIRCRAFT AND CHECKED FOR FUEL LEAKS, ALL CHECKED GOOD AT THIS TIME, ALL WORK 1.5
- ACCOMPLISHED IAW CESSNA 500 SERIES MM, CH 12 AND 28.
- COMPLIED WITH IN-FLIGHT PRESSURIZATION CHECK ON CHECK FLIGHT OF AIRCRAFT, FLEW AIRCRAFT UP TO 1.6 FL250, ALL CHEKS GOOD AT THIS TIME, ALL WORK ACCOMPLISHED IAW STANDARD PRACTICES AND AIRCRAFT FLIGHT MANUAL.
- TESTED, TROUBLESHOT, REMOVED PILOTS RMI AND BENCH CHECKED, UNIT CHECKED GOOD, FOUND RMI 1.7 INDICATOR NOT RECEIVING 28VDC, LOCATED BLOWN FUSE IN RIGHT SIDEWALL, REPLACED FUSE, OPERATIONAL CHECKED GOOD, ALL WORK ACCOMPLISHED IAW COLLINS RMI-30 MM.
- CONFIRMED ELECTROLUMINESCENSE LIGHTS ON CENTER PEDESTAL INOPERATIVE, TROUBLESHOT, REMOVED 1.8 AND REPLACED DEFECTIVE E.L. LIGHTING INVERTER WITH OVERHAULED EXCHANGE UNIT P/N EM2044-1EX, OPERATIONAL CHECKED GOOD, ALL WORK ACCOMPLISHED IAW CESSNA WIRING PRINTS, CH33-10-06.

#### All Work Performed I.A.W. Cessna 500 Appropriate Data.

These items identified above were repaired andor inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number JET7967.

For Winner Aviation Repair Station #W6NR985J

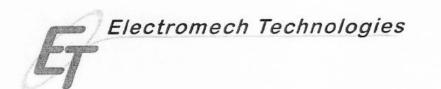
4. Organiza	/United States tion Name and Address:		JTHORIZED REL FAA Form 8130-3, AIRWO	THE COUNTY	PROVAL TAG	3. Form Tracking Number 130109A
6. Item.	7.	8.	Wi	ech Technologies, I 2600 S. Custer chita, KS 67217 (PX2R099L)	LLC	5. Work Order/Contract/Invoice Number 2852323
1	VARIABLE OU	Part Number:		9. Quantity: 10. Serial Number:		11.
12. Remar	INVERTER	3		1	1999A	Status/Work:
REP TEST	LACE NAMEPLATE. CHE FED PER ATP 2044, REV	MFILM BASE AN	ID CASE. FUNCTION	-		OVERHAULED
			DATED 07 FEB, 2019 AND WRELEASE TO SERVICE.	REV B DATE		
rtifies that the	ne work specified in block ice under EASA Approval	11/12 was carriec Number EASA 1.	d out in accordance with EASA			e aircraft component is considered
rtifies that the case to service to service the case t	ne work specified in block ice under EASA Approval a items identified above were ad design data and are in a coproved design data.	11/12 was carried Number EASA.14 manufactured in coondition for safe opin Block 42.	d out in accordance with EASA 45.5012.	14a x 14 C Certifies that ur Block 12 was a in respect to that 14b Authorize	FR 43.9 Return to Service.  These otherwise specified in accomplished in accordance of twork, the items are approved Signature:	Block 12. the work identified in Block 11 and describe with Title 14. Code of Federal Regulations, Part 43 and describe red for return to service.
rtifies that the case to service the Approving Non-ap Authorized S	ne work specified in block ice under EASA Approval a items identified above were ed design data are in a coproved design data specified signature:	11/12 was carried Number EASA. 14 manufactured in condition for safe opin Block 12.	d out in accordance with EASA 45.5012.  Informity to:  Per tion.  Approval/Authorization No.:  Date (dd/mmm/yyy)	14a x 14 C Certifies that ur Block 12 was a in respect to that 14b Authorize	th respect to that work, the FR 43.9 Return to Service.  The softerwise specified in the complished in accordance of the work, the items are approved Signature:  The ped or Printed in the complete of the complete	X Other regulation specified in Block 12 Block 12, the work identified in Block 11 and describe with Title 14. Code of Federal Regulations, Part 43 are ded for return to service.  14c. Approval/Certificate No.: PX2R099L (RS)



2600 S. CUSTER WICHITA, KS 67217 PHONE: 316-941-0400

## FAA REPAIR STATION PX2R099L TEARDOWN AND PRELIMINARY INSPECTION REPORT

CUSTOMER Tex	ELECTROMECH P/N  otron Aviation CUSTOMER  TED DISCREPANCY OR	P/N	1999A DATE 1/30/19 TECHNICIAN OVA
CONDITION OF	VALUATION OF UNIT  JNIT  D CASE ARE SCRATCHE	ED UP.	
EVALUATE CUS	TOMER DISCREPANCY & REC	CORD RESULTS	
ACTIONS REQUIR	ED TO RETURN UNIT TO SER E BASE AND CASE. REPL		
WORK TO BE PER		THE NAMEPLAT	E
OVERHAUL 🛛	REPAIR   NTS TO BE REPLACED (	INSPECT [	UPDATE [
☐ Bearings ☐ Brushes ☐ Brush Guide ☐ Comm. End Bell ☐ Drive End Bell ☐ Field Hsg. / Stator	☐ Housing ☐ Gears ☐ Cover Can ☐ Baseplate ☐ Brake Magnet	☐ Sensor ☐ Impeller ☐ Limit Switch ☐ Moveable Tube ☐ Acme Shaft	☐ Valve Body ☐ Elec. Connector ☐ Misc. Electronics ☑ Cosmetic Items ☐ RFI Filter
Armature / Rotor	☐ Brake Disc☐ Brake Arm. Plate	☐ Relief Valve	



2600 S. CUSTER WICHITA, KS 67217 PHONE: 316-941-0400

		AM130109 EM2044-1
	SERIAL #	1999A
SPECIAL INSTRUCTIONS AND CUSTOME	R SPECIFIED DEVIATION	ONS
APPLICABLE DOCUMENTS		
OVERHAUL MANUAL	REV	DATE
DER REPAIR SPEC.	REV	DATE
MAINTENANCE DATA EM2044-1 AMT	REV B DA	TE 02/19/13
FAA AIRWORTHINESS DIRECTIVE (AD)	YES	NO X
EASA AIRWORTHINESS DIRECTIVE (AD)	YES	NO X
SERVICE BULLETINS	YES	NO X
LIFE LIMITED ITEM	YES	NO X
UPDATE/MOD INFORMATION	SERIAL NUMBER INF	ORMATION
FROM PART#	OLD SERIAL#	
TO PART #	NEW SERIAL #	



2600 S. Custer Wichita, KS 67217 www.electromech.com

Phone: 316-941-0400 Fax: 316-941-0473

Serial Number(s):

**TEXTRON AVIATION** 7121 SOUTHWEST BOULEVARD **DOCK 2-4** WICHITA KS 67215 UNITED STATES

Our Sales Order: 130109

Our Packing Slip: 154454, line 1

Our Part: EM2044-1

Revision: F

VARIABLE OUTPUT INVERTER

Ship Date: 02/07/2019

Quantity: 1

Your PO: 2852323

Your Part: EM2044-1

Your Revision: F

1999A

Tracked Items

#### - CERTIFICATE OF CONFORMANCE -

WE HEREBY CERTIFY THESE PARTS TO CONFORM TO ALL APPLICABLE BLUEPRINTS, SPECIFICATIONS AND PURCHASE

THIS IS TO CERTIFY THAT ALL WORKMANSHIP PERTAINING TO, AND ALL MATERIALS PURCHASED AND FURNISHED BY ELECTROMECH TECHNOLOGIES (FSCM NO. 54395) FOR USE IN THE MANUFACTURE OF APPLICABLE PARTS ARE IN

THE ENCLOSED PARTS HAVE BEEN INSPECTED AND FOUND TO BE IN COMPLIANCE WITH ENGINEERING DRAWINGS AND IN ACCORDANCE WITH ALL SPECIFICATIONS, CONFORMANCE DATA IS ON FILE FOR REVIEW UPON REQUEST.

THANK YOU

URINDA CARPENTER Q.C. INSPECTOR





CAMP MTR ID # 2992078

This Maintenance Report is To Be Used Solely For (Check One)

Eng.#1

APU

APU

			1	Entries		-	Serial No.	Committee the Committee of the Committee	Serial No.			Serial No.					
DE 2	SQL2-177							Aircraft Ide	ntification and Stati	JIS				Mary Control		ALC: SAN	
A/C Serial#	A/C Unit	# A/0	C Registration #	Date	City I	D Tota	al A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Tt	I Hrs En	gine 1 Ttl Cycles	Engine 2 Ttl	Cycles	APU Hrs	APU Events	Freon Hrs
500-0415	0629		N53RD	15-Apr-2	019 KYN	G	7870.3	7915	6546	10042.3	3	6404	8497				0
		THE			C	ompone	nt Changes,	Inspections, Service	Bulletins, or Airwo	rthiness Dire	ctives Acc	omplished		STATE OF		B	
Item	Transa No.	action Type		Item Na	nme		Position	Part Number / A	Alternate Part	Mod Level	Part Ser	ial	Removal Reason Sta		talled Part ISN/TSO/TS	Material R Costs	Man Hours
052010C	1 Comm	2 ents:	INSPECT RIGHT	HT SIDE V	VINDOW		RIGHT										
057110	0.0000000000000000000000000000000000000	2	NO. 1 ENGINE	- MINOR	INSPECTIO	N											
057110		2	NO. 2 ENGINE	- MINOR	INSPECTIO	N											
5-12-01	4 Comm	2 ents:	PHASE 1 INSF	PECTION													
5-12-02	5 Comm	2 ents:	PHASE 2 INSP	PECTION													
5-12-03	6 Comm	2 nents:	PHASE 3 INSF	PECTION			114										
5-12-04	7 Comm	2 nents:	PHASE 4 INSF	PECTION													
741030	8 Comn	2 nents:	NO. 1 ENGINE IGNITION EXC		INSPECT	LOWER	LOWER	10-381550-2			9537R0	14C					7.
741030	9 Comn	2	NO. 1 ENGINE		INSPECT	UPPER	UPPER	10-381550-2H			26290						
741030	10 Comn	2 nents:	NO. 2 ENGINE IGNITION EXC		. INSPECT	LOWER	LOWER	10-381550-2A			BA1719	3					
Trans Type: 1 - Con	nponent, 2 - Ins	pection, 3	3 - SB, 4 - AD, — Misc.		Removal Rea	sons: WO -1	Worn to Limits, SC	- Scheduled, UN - Unschedule	ed, CO - Convenience, N - C	ther(note in comme	nts)	Installed Tested,	Part Status: N - New M - Modified, 1 - Inspe	r, R - Repa			-
Repair Facility		WINN	ER AVIATION		Certifie Station	d Repair Number		W6NR985J		Work Order No		JET7751			Section	aintenance Log	Page
	at the abo	ve state		and/or ins	pection was			Certificate No.		IR985J	Dat	te15-/	Apr-2019	_   [			
	al Aviation			THY CON	DITION WI		er (Specify) PECT TO THE	WORK PERFORME	D AND IS APPROV	ED FOR RET	URN TO S	ERVICE.	and				
Work Inspec			ERT J CELLARS		~	_		Certificate No.		IR985J	Dat		Apr-2019	-			
Pertinent	details of t	his ma	intenance are or	n file at our	facility und	er the at	oove Work/Se	rvice Order Number a	s applicable.								Page 1 of 3





CAMP MTR ID # 2992078

This Maintenance Report is To Be Used Solely For (Check One) APU Eng.#2 Airframe Eng.#1 Serial No. Serial No. Serial No. Entries Aircraft Identification and Status Freon Hrs Engine 2 Ttl Cycles APU Hrs **APU Events** Total A/C Landings | Engine 1 Ttl Hrs Engine 1 Ttl Cycles Total A/C Hours Engine 2 Ttl Hrs A/C Registration # Date City ID A/C Unit # A/C Serial # 0 6546 10042.3 6404 8497 7915 N53RD 15-Apr-2019 KYNG 7870.3 500-0415 0629 Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished Mod Removal Installed Part Material Man Transaction Status TSN/TSO/TSR Costs Hours Part Number / Alternate Part Level Part Serial Reason Item Name Position Item No. Type NO. 2 ENGINE - VISUAL INSPECT UPPER UPPER 2 741030 11 IGNITION EXCITER Comments: 40775641 FUNCTIONAL CHECK BATTERY LEAD ACID RG-380E/44 B243003 12 2 BATTERY (CAPACITY CHECK): PHASE 54 INSPECTION Comments: 2935 HYDROSTATIC TEST EMERGENCY GEAR 111974-2 B326003 13 AIR BOTTLE HYDRO CHECK Date: 12-Feb-2019 Comments: PHASE 55 INSPECTION 5-12-55 14 2 Comments: N/A No Thrust Reversers installed. 0 MTH 0 HRS NSN WO N NO. 1 ENGINE - OUTBOARD IGNITER PLUG OUTBOARD FHE-246-4 742010 Comments: Removed part no: FHE-246-4 Removed serial no: NSN, UN N 0 MTH 0 HRS NO. 2 ENGINE - INBOARD IGNITER PLUG INBOARD NSN FHE-246-4 742020 Comments: Removed part no: FHE-246-4 Removed serial no: NSN WO 0 MTH 0 HRS NSN NO. 1 ENGINE - INBOARD IGNITER PLUG INBOARD FHE-246-4 742020 17 Comments: Removed part no: FHE-246-4 Removed serial no: NSN. NSN UN N 0 MTH 0 HRS SHORT 53067-21 NO. 2 ENGINE - SHORT IGNITER LEAD 742030 Comments: Removed part no: 10-395428-2 Removed serial no: SN-UNKNOWN. 10152 UN N 0 MTH 0 HRS LEFT MAIN 9912064-15 LEFT MAIN WINDSHIELD ASSY, (LH) 19 561001 Comments: Removed part no: CES-001701 Removed serial no: 719028. Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T -Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments) Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc. Tested, M - Modified, I - Inspected Maintenance Log Work Certified Repair Repair JET7751 Section W6NR985J Page Order No. WINNER AVIATION Station Number Facility W6NR985J Date 15-Apr-2019 Certificate No. WINNER AVIATION Work Performed By I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the ✓ Federal Aviation Administration Other (Specify) WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE. Certificate No. W6NR985J Date 15-Apr-2019 ROBERT J CELLARS Work Inspected By Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.





CAMP MTR ID # 2992078

This Maintenance Report is To Be Used Solely For (Check One) APU Eng.#2 Airframe Eng.#1 Serial No. Serial No. Entries Serial No. Aircraft Identification and Status Engine 2 Ttl Cycles APU Hrs **APU Events** Freon Hrs Engine 1 Ttl Cycles Total A/C Landings | Engine 1 Ttl Hrs Engine 2 Ttl Hrs Total A/C Hours A/C Unit # A/C Registration # Date City ID A/C Serial # 0 6546 10042.3 6404 8497 7915 KYNG 7870.3 500-0415 0629 N53RD 15-Apr-2019 Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished Man Material Mod Removal Installed Part Transaction Status TSN/TSO/TSR Costs Hours Part Number / Alternate Part Level Part Serial Reason Item Name Position Item No. Type 0 MTH 0 HRS 26A429-17 NSN N SAFETY CABLE 2992078020 20 Comments: REMOVED AND REPLACED FRAYED BLEED AIR FLEX JOINT SAFETY CABLE AT ACM IAW CESSNA 500 MM CH 21 NSN N 0 MTH 0 HRS 5004548 HEAT SHIELD RIGHT 2992078021 Comments: REMOVED AND REPLACED RIGHT MLG HEAT SHIELD IAW CESSNA 500 AMM N 0 MTH 0 HRS 7607-2-000 NSN G-SWITCH 2992078022 Comments: REMOVED AND REPLACED FAULTY EMERGENCY EXIT LIGHTING SYSTEM G-SWITCH IAW CESSNA 500 AMM 33-50-00 0 MTH 0 HRS NSN N 15340 STATIC DISCHARGER LEFT 2992078023 Comments: REMOVED AND REPLACED LEFT WING TIP STATIC DISCHARGER IAW CESSNA 500 AMM 23-60-00 2992078024 STAB DEICE BOOTS Comments: REPAIRED SEVERAL MINOR CUTS AND PINHOLES IN LEFT AND RIGHT HORIZONTAL STAB DEICE BOOTS AS REQUIRED IAW GOODRICH DEICING AND SPECIALTY PNEUMATIC DEICER INSTALLATION, MAINTENANCE AND REPAIR MANUAL 30-10-31

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments)

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	WINNER AVIATION	Certified Repair Station Number	W6NR985J	Work Order No.	JE	ET7751	Mainter Section	
Work Performed By	WINNER AVIATION		Certificate No.	W6NR985J	Date	15-Apr-2019		
I certify that the abo	ove stated maintenance and/o	r inspection was performed in accordan	nce with the current regulation	ons of the				
✓ Federal Aviation	n Administration	Other (Specify)				and		
WAS DETERMIN	NED TO BE IN AIRWORTHY	CONDITION WITH RESPECT TO THE	WORK PERFORMED AND	IS APPROVED FOR RETL	JRN TO SERVIC	Ε.		
Work Inspected By	ROBERT J CELLARS		Certificate No.	W6NR985J	Date	15-Apr-2019		
	this maintenance are on file a	t our facility under the above Work/Ser	vice Order Number as applic	cable.				

nce Log Page





CAMP MTR ID # 2995793

This Maintenance Report is To Be Used Solely For (Check One)

				Airframe Entries		Eng.#1 Serial No.	PCE-77347	Eng.#2 Serial No.	A STATE OF	[	Serial No.					
	IL IU I I E	松色	Machine II	1869 mile			Aircraft Iden	tification and Stat	us							
A/C Serial #	A/C Unit	# \\ \\ \\	C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Tt	l Hrs	Engine 1 Ttl Cycles	Engine 2	Ttl Cycle	es APU Hrs	APU Events	Freon Hrs
500-0415	0629		N53RD	15-Apr-2019	KYNG	7870.3	7915	6546	10042.3	3	6404	8	497			0
300-0419	0020	2000		HATCH THE	Comp	onent Changes, Ir	nspections, Service	Bulletins, or Airwo	orthiness Dire	ctives	Accomplished	EKALE,	SALVO		REPORT OF	
Item	Trans:	action Type		Item Name	He Discounting	Position	Part Number / A		Mod Level			Removal Reason	Status	Installed Part TSN/TSO/TS	Material R Costs	Man Hours
57110	1 Comm	2 ents:	NO. 1 ENGINE	- MINOR INSF	PECTION	4 101										
41030	2	2	NO. 1 ENGINE IGNITION EXC		PECT LOV	VER LOWER	10-381550-2			953	7R014C					
	Comm	ents:														
41030	3	2	NO. 1 ENGINE IGNITION EXC		PECT UPP	PER UPPER	10-381550-2H			262	90					
	Comm	ents:														
42010	4	1	NO. 1 ENGINE	- OUTBOARD	IGNITER	PLUG OUTBOARD	FHE-246-4			NSN	N	WO	N	0 MTH 0 HR	S	
	Comm	ents: f	Removed part no	: FHE-246-4 R	Removed se	erial no: NSN.										
742020	5	1	NO. 1 ENGINE				FHE-246-4			NSI	N	WO	N	0 MTH 0 HR	S	
	Comn	nents: I	Removed part no	: FHE-246-4 R	Removed se	erial no: NSN.										

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments)

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

		Certified Repair		Work			Maintena	ance Log
Repair Facility	WINNER AVIATION	Station Number	W6NR985J	Order No	J	ET7751	Section	Page
Work Performed By	WINNER AVIATION		Certificate No.	W6NR985J	Date	15-Apr-2019		
I certify that the ab	ove stated maintenance and/o	r inspection was performed in acco	ordance with the current regulation	ons of the				
Federal Aviatio		Other (Specify			electric companies	and		
THE AIRCRAFT	IDENTIFIED ABOVE IS PRES	SENTLY AIRWORTHY AND APPR	ROVED FOR RETURN TO SERV	VICE.				
Work Inspected By	ROBERT J CELLARS	The	Certificate No.	W6NR985J	Date	15-Apr-2019		
The state of the control of the cont	f this maintenance are on file a	t our facility under the above Work	/Service Order Number as appli	cable.				
								Page

Page 1 of 1





CAMP MTR ID # 299580

This Maintenance Report is To Be Used Solely For (Check One)

				Airframe Entries		Eng.#1 Serial No.		Eng.#2 Serial No.	PCE-76361	_[	APU Serial No.					
							Aircraft Iden	itification and Stati	us				THE Y			
A/C Serial #	A/C Unit	# A/	C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl	Hrs	Engine 1 Ttl Cycles	Engine 2	2 Ttl Cycle	es APU Hrs	APU Events	Freon Hrs
500-0415	0629		N53RD	15-Apr-2019	KYNG	7870.3	7915	6546	10042.3		6404	8	1497			0
massistic	11.00	No.	TO COLUMN		Com	oonent Changes,	Inspections, Service	Bulletins, or Airwo	orthiness Direc	tives	Accomplished	N. TILLAN	是是他们			
Item	Trans No.	action Type		Item Name		Position	Part Number / A	Iternate Part	Mod Level	Part		Removal Reason	Status	Installed Part TSN/TSO/TS	Material R Costs	Man Hours
741030	1	2	NO. 2 ENGINE IGNITION EXC		PECT LOV	VER LOWER	10-381550-2A			BA1	7193					
	Comn	nents:														
741030	2	2	NO. 2 ENGINE IGNITION EXC		PECT UPF	PER UPPER										
	Comm	nents:														
057110	3	2	NO. 2 ENGINE	- MINOR INSP	PECTION											
	Comr	nents:														
742020	4	1	NO. 2 ENGINE	- INBOARD IO	SNITER PL	UG INBOARD	FHE-246-4			NSN	V	wo	N	0 MTH 0 HRS	3	
	Comr	nents: F	Removed part no	: FHE-246-4 R	emoved se	erial no: NSN.										
742030	5	1	NO. 2 ENGINE	- SHORT IGN	ITER LEA	D SHORT	53067-21			ISN	N	WO	N	0 MTH 0 HR	3	
	Comr	nents: I	Removed part no	: 10-395428-2	Removed	serial no: SN-UNK	NOWN.									

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments)

Installed Part Status; N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Facility WINNER AVIATION Station Number W6NR985J Order No. JET7751 Section	AND DESCRIPTION OF REAL PROPERTY.	Mainten			Work		Certified Repair		Repair
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the    I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the   I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the   I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the   I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the   I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the   I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the   I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the   I certify that the above stated maintenance and   I certify that the above stated maintenance   I certify that the above stated mai		Section	ET7751	JE		W6NR985J		WINNER AVIATION	
Federal Aviation Administration Other (Specify) and			15-Apr-2019	Date	W6NR985J	Certificate No.		WINNER AVIATION	Work Performed By
alu					ns of the	rdance with the current regulation	r inspection was performed in accor	ove stated maintenance and/o	I certify that the abo
WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.			and				Other (Specify)	n Administration	Federal Aviation
			Ε.	JRN TO SERVICE	IS APPROVED FOR RETU	HE WORK PERFORMED AND	CONDITION WITH RESPECT TO T	IED TO BE IN AIRWORTHY	WAS DETERMIN
Work Inspected By ROBERT J CELLARS Certificate No. W6NR985J Date 15-Apr-2019			15-Apr-2019	Date	W6NR985J	Certificate No.	7-	ROBERT J CELLARS	Work Inspected By
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					able.	Service Order Number as applic	t our facility under the above Work/S	this maintenance are on file a	

Authority/Country:  FAA/UNITED STATES	2.	AUTHORIZED FAA FORM 8130-3, A	O RELEASE CE			3. Form Tracking Number. 382114
Organization Name and Address	1919 E. Northern S Wichita, KS 67216 US Ph: (316) 943-6100,	t -2430 , Fax: (316) 943-2917				5. Work Order, Contract or Invoice Number: WO135688
	FAA Approval Holde			9. Quantity:	10. Serial Number:	11. Status/Work:
. Item 7. Description: 1 Pneumatic Reservoir		8. Part Number: 9912103-3 212940-2		1.00	2935	INSPECTED
Part 145 approval number EAS/ 13a. Certifies the items identified  Approved design data and	A.145.4033."  I above were manufacturare in a condition for sa	red in conformity to:	14a. X 14 CF  Certifies that unl	R 43.9 Return	to Service X Oth	ner regulation specified in Block 12 ork identified in Block 11 and th Title 14, Code of Federal
Part 145 approval number EAS/ 13a. Certifies the items identified  Approved design data and  Non-approved design data	above were manufacturare in a condition for sa specified in Block 12	red in conformity to:	14a. X 14 CF Certifies that unl described in Bloo Regulations, par	R 43.9 Return ess otherwise ck 12 was accor t 43 and in res	to Service X Oth specified in Block 12, the womplished in accordance wi pect to that work, the items	per regulation specified in Block 12 ork identified in Block 11 and th Title 14, Code of Federal are approved for return to service.
Part 145 approval number EAS/  13a. Certifies the items identified  Approved design data and  Non-approved design data  13b. Authorized Signature:	above were manufacturare in a condition for sa specified in Block 12	red in conformity to: fe operation.  val Authorization No:	14a. X 14 CF Certifies that unl described in Bloo Regulations, par	R 43.9 Return ess otherwise ck 12 was accor t 43 and in res	to Service X Oth specified in Block 12, the womplished in accordance wi pect to that work, the items	ork identified in Block 11 and th Title 14, Code of Federal are approved for return to service.  oroval/Certificate No:
Part 145 approval number EAS/ 13a. Certifies the items identified  Approved design data and  Non-approved design data  13b. Authorized Signature:	above were manufacturare in a condition for sa specified in Block 12	red in conformity to:	14a. X 14 CF Certifies that unl described in Bloo Regulations, par  14b. Authorized S  4d. Name (Type	R 43.9 Return ess otherwise ck 12 was accor t 43 and in res  ignature:  Law d or Printed):	to Service X Oth specified in Block 12, the womplished in accordance wipect to that work, the items  14c. App NV2R04	ork identified in Block 11 and th Title 14, Code of Federal are approved for return to service.  Proval/Certificate No:  15L  e (dd/mmm/yyyy):
Part 145 approval number EAS/ 13a. Certifies the items identified  Approved design data and  Non-approved design data  13b. Authorized Signature:	above were manufacturare in a condition for sa specified in Block 12	red in conformity to: fe operation.  val Authorization No:  (dd/mmm/yy)	14a. X 14 CF Certifies that unl described in Bloc Regulations, par  14b. Authorized S  44d. Name (Type	R 43.9 Return ess otherwise ck 12 was accor t 43 and in res	to Service X Oth specified in Block 12, the womplished in accordance wipect to that work, the items  14c. App NV2R04	ork identified in Block 11 and th Title 14, Code of Federal are approved for return to service.  Proval/Certificate No:  15L  e (dd/mmm/yyyy):
Part 145 approval number EAS/ 13a. Certifies the items identified  Approved design data and	are in a condition for sa specified in Block 12  13c. Appro	red in conformity to: fe operation.  val Authorization No:  (dd/mmm/yy)	14a. X 14 CF Certifies that unl described in Bloo Regulations, par  14b. Authorized S  14d. Name (Type	R 43.9 Return ess otherwise ck 12 was accor t 43 and in res  ignature:  d or Printed):  Jake Clase	to Service X Oth specified in Block 12, the womplished in accordance wipect to that work, the items  14c. App NV2R04  14e. Dat 12/Feb/5	ork identified in Block 11 and th Title 14, Code of Federal are approved for return to service.  Proval/Certificate No:  15L  e (dd/mmm/yyyy):

1919 E. Northern St Wichita, Ks 67216-2430, US FAA Certified Repair Station No. NV2R045L, EASA.145.4033 Ph: (316) 943-6100, Fax: (316) 943-2917

W/O Number: WO135688

**Work Order** 

Page#: Page 1 of 4

11:12:47 AM

Bill To: 15670

Phone #: 330-856-5000

WINNER AVIATION CORPORATION 1453 YOUNGSTOWN KINGSVILLE RD

YOUNGSTOWN-WARREN REGIONAL AIRPORT

**VIENNA, OH 44473** UNITED STATES

Ship To: 15670

WINNER AVIATION CORPORATION 1453 YOUNGSTOWN KINGSVILLE RD

YOUNGSTOWN-WARREN REGIONAL AIRPORT

VIENNA, OH 44473 UNITED STATES

Part No: 9912103-3

Qty: 1

Refno: 19-00295

Line Item#:

Cust PN: 212940-2

Mfg: CESSNA

Ship Acct#: 435097

MR#:

Descr: Pneumatic Reservoir

Mfa SN:

Dist/Dealer:

**DPAS Rating:** 

SN: 2935

Terms: CREDIT CARD

Department: Hydro

Container: 03109

Work Type: INSP LIFE LIMITS (Hydro) Important Information -

Date Received:

2/11/2019

Shipping Method: UPS 2ND DAY AIR

Need Date: 02/12/2019

Evaluation -

Date Evaluated:

Findinas:

**Work Order Comments -**



1919 E. Northern St Wichita, Ks 67216-2430, US FAA Certified Repair Station No. NV2R045L, EASA.145.4033 Ph: (316) 943-6100, Fax: (316) 943-2917



Page#: Page 2 of 4 11:12:47 AM

RECEIVING INSPECTION

Perform receiving inspection, examine for obvious damage, verify part number/serial number, attach appropriate documents, and generate work order.

Start:



Signature/Stamp

Complete:

Performed by AeTR Receiving

PRELIMINARY INSPECTION, HIDDEN DAMAGE INSPECTION & TEARDOWN

Perform preliminary inspection &, hidden damage inspection &, disassembly & cleaning 45.

181

7-12-1A

Start+



Signature/Stamp



NDT XBAY

Ray if required.

Start:



Signature/Stamp

Jake Clasen

FEB 1 2 2019

Complete:



REQUALIFICATION

(Parts details can be found on the Bill of Material page) Submit to DOT station for hydrostatic testing if required

Start:



Signature/Stamp HYDRO TEST # 30-1660

2-12-18

Complete:



OVER & ABOVE

Over and Above Details

Starts



Signature/Stamp

Jake Clasen

FEB 1 2 2019



ASSEMBLY & IN PROCESS INSPECTIONS

Perform required workscope, requisition parts & assemble in accordance with approved data & quality processes.

Start:



Signature/Stamp

308

Complete:



7-17-19

(Parts details can be found on the Bill of Material page)



Wichita, Ks 67216-2430, US

Work Order W/O Number: WO135688

	(316) 943.	V2R045L, EASA.145.4033			Pri	nted: 2/11/2019 Page#: Page 3 o
SERVICE		Service unit I.A.W.	requiremen	its.		11:12:48 AM
Start: 11831978		Signature/Stamp	8	308	2-12-10	Complete:
Measurement — EXT. WEIGHT EM DESIRED WT. EX DESIRED CHARGE N2 SUPERPRESSU AMBIENT TEMP. TOTAL WT. OF N TOTAL WT. CHAR CAPACITY CU FT BOTTLE TOTAL INSPECTOR STAMM LEAK CHECKED TO	T. AGENT WEIGHT RE REG. (FAHRENHE ITROGEN ( GED EXT. /DOT O	(LBS)   NA LBS)   NA PSI)   NA LBS)   NA (LBS)   NA	) LER I	2 2019		
NORK/WORK ORDER	REVIEW	Dept. Supervisor/des performed I.A.W. FAI	ignee reviev R Part 43 ar	w of artic	le and work o our RSOM.	rder to ensure all work has beer
Start: 11831998		Signature/Stamp	 7 2-19-	 10		Complete:
NAL INSPECTION & AINTENANCE RELEAS	SE	Inspection review of coused in the MRO cycle return to service (if app	mponent. I Make airw propriate).	Zeview a vorthines	ill work perfor s determination	med, content embodied, & data on & release the product for
183198s		Signature/Stamp	anda	Class	AETR 04 INSP	Complete:
mes/Cycles: TSN	TSO	TSR		CSN	CSO	CSR
nuals used to service this u nual ID: 510854, Type: DCN, ne: DWG, Rev: C, Rev Date: D, Rev: J & L, Rev Date: 5/1!	Rev: L, Re	v Date: 3/29/1995; Manual I Manual ID: 9912103-DWG, 1 Nual ID: 9914099, Type: SCI	D: 212940, Ty Type: DWG, R D, Rev: J, Rev	pe: DWG, ev: J, Rev Date: 10/2	Paul Day Sa	te: 4/14/1995; Manual ID: 42000100, 2; Manual ID: 9912103-SCD, Type:

Tools used to service this unit -

2-12-19



1919 E. Northern St Wichita, Ks 67216-2430, US FAA Certified Repair Station No. NV2R045L, EASA 145.4033 Ph: (316) 943-6100, Fax: (316) 943-2917

Work Order W/O Number: WO135688

Page#: Page 4 of 4

11:12:48 AM

**Bill of Material** 

Flat Rate Parts

Qty CD Part Number

0 IN 9912103-3

Description

Pneumatic Reservoir

Location

Flat Rate Parts

Qty CD Part Number

1 NE AE203

1 NE NAS1612-8

Description

DECAL O RING Location

H-69-05 H-09-03

HYDROSTATIC TEST CERTIFICATE

Issued By: Aerospace Turbine Rotables, Inc. DOT RIN A136

This cylinder has been requalified and remarked in accordance with 49 CFR, §180.205 - §180.215 and/or applicable exemptions/special permits.

W.O. # WU1356 84

2-12-19

Signature

F-750-257-B 11/13/2014

HYDRO DT.\_\_

NEXT HYDRO DUE 2-2022

EXP DT. 10-2024



#### Maintenance Transaction Record CAMP MTR ID # 2928444



					This !	Maintenance Report is	To Be Used Solely	For (Check One)						
			Airframe Entries		Eng.#1 Serial No.		Eng.#2 Serial No.		APU Serial No.					
	and the same of the same		- Linies		Serial No.	Aircraft Iden	ntification and Stati	ie	E-Musical Color					A STATE OF THE STA
	A LONG TO THE	A CO. C. L.	L Data	Lost In I	Total A/C House			Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 T	tl Cycles	APU Hrs	APU Events	Freon Hrs
/C Serial # 500-0415	A/C Unit # 0629	A/C Registration #	# Date 24-Oct-2018	City ID KYNG	Total A/C Hours 7835	Total A/C Landings 7894	6510.7	10007	6383	B47	-	APU HIS	APU Events	0
500-0415	0029	NOONE	24-001-2010			Inspections, Service				RUSSIA	E Mark	A DESCRIPTION	SALES IN	S-15000
	Transact	ion	WEST ACTURED	John	policini omangos,			Mod		Removal		stalled Part	Material	Man
Item	No. Ty	pe	Item Name	15-17-1	Position	Part Number / A	Iternate Part	Level Part	t Serial	Reason	Status	TSN/TSO/TSI	R Costs	Hours
12-0B	1 2 Commen	PHASE B												
12010	2 1		E - OUTBOARD	IGNITER	PLUG OUTBOAR	D FHE-246-4		NSN	V	WO I	N	0 MTH 0 HRS		
TV 12		ts: Removed part no	o: FHE-246-4 F	Removed se	erial no: NSN.									
12010	3 1				PLUG OUTBOAR	D FHE-246-4		NSN	N .	WO I	N	0 MTH 0 HRS		
10000		ts: Removed part no	E - INBOARD IO			FHE-246-4		NSN	J.	WO I	N	0 MTH 0 HRS		
2020	4 1 Commen	ts: Removed part no				11112-240-4		1.0		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· ·	O WITT O TING	\$	
2020	5 1		E - INBOARD IO			FHE-246-4		NSN	N .	WO I	N	0 MTH 0 HRS		
	Commen	ts: Removed part no	o: FHE-246-4 F	Removed se	erial no: SN-UNKN	OWN.								
ins Type: 1 - Com	ponent, 2 - Inspect	ion, 3 - SB, 4 - AD, — Misc.	Ren	noval Reasons: \	WO - Worn to Limits, SC -	Scheduled, UN - Unscheduled	I, CO - Convenience, N - Ol	her(note in comments)	Installed Tested, M	Parl Status: N - Ni # - Modified, I - Ins	ew, R - Repa pected	ired / Rebuill, S - S	erviceable, O - Ove	rhauled, T-
epair acility	W	NNER AVIATION		ertified Re		W6NR985J		Vork Order No.	JET7629			Mai Section	ntenance Log	Page
Vork Perform		INNER AVIATION		, acron item		Certificate No.		AND DATASAN COMMISSION		ct-2018	_   -	Occion		ago
			and/or inspecti	on was per	formed in accordar	nce with the current re	gulations of the		-		_   _			
CINE OF STREET	al Aviation Ad				Other (Specify)					and				
WAS DE	ETERMINED	TO BE IN AIRWOR	THY CONDITION	ON WITH R	RESPECT TO THE	WORK PERFORMED	AND IS APPROVE	D FOR RETURN TO	O SERVICE.	Laster I				
Vork Inspect	ted By RC	DBERT CELLARS	10		‡	Certificate No.	W6NI	R985J	Date24-0	ct-2018	_			
**************************************		maintenance are or	n file at our faci	lity under th	e above Work/Ser	vice Order Number as	applicable.	11						



#### Maintenance Transaction Record CAMP MTR ID # 2928457



						Maintenance Report is		For (Check One)						
		[	Airframe Entries		Eng.#1 Serial No.	PCE-77347	Eng.#2 Serial No.		Serial No.					
(1) 点题是	1146		efiteriti esta	SU SEE		Aircraft Ide	ntification and State	ıs		Sec. Links	2 15 15 15	THE REAL PROPERTY.	APRILL NO	ALGEROLE
/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	May 1 to 1 to Say of Robert State (1974) In September 18	Engine 2 Ttl H	rs   Engine 1 Ttl Cycles	Engine :	2 Ttl Cycle	es APU Hrs	APU Events	Freon Hr
500-0415	0629	N53RD	24-Oct-2018	-	7835	7894	6510.7	10007	6383		476			0
			Accordance to the second	Comp	onent Changes,	Inspections, Service	Bulletins, or Airwo	rthiness Directiv	es Accomplished			March Conf		eve-ste
Item	Transact No. Ty		Item Name		Position	Part Number / A	Alternate Part	Mod Level P	art Serial	Removal Reason		Installed Part TSN/TSO/TS	Material R Costs	Man Hours
12-0B	1 2 Comment	PHASE B			12.31								•	
12010	2 1	297			PLUG OUTBOAR	D FHE-246-4		N	ISN	WO	N	0 MTH 0 HRS	3	
12020	3 1	NO. 1 ENGINE ts: Removed part no:	- INBOARD IO	SNITER PLU	JG INBOARD	FHE-246-4		N	ISN	WO	N	0 MTH 0 HRS	8	
									27					
nns Type: 1 - Compon	nent, 2 - Inspecti	on, 3 - SB, 4 - AD, - Misc.	Rem	oval Reasons: W	VO - Worn to Limits, SC -	Scheduled, UN - Unscheduled	1, CO - Convenience, N - Ott	ner(note in comments)	Installed Tested	Part Status: N M - Modified, I -	New, R - Re	paired / Rebuilt, S - S	erviceable, O - Over	hauled, T -
Repair			C	ertified Rep	nair		v	/ork	163164, 1	vi - Modifica, i -	inspecieu	Mai	ntenance Log	97 19 19
acility	WI	NNER AVIATION		tation Num		W6NR985J		rder No.	JET7629			Section		age
Vork Performed	d By W	NNER AVIATION				Certificate No.	W6NF	R985J	Date 24-0	ct-2018				
I certify that t	the above s	tated maintenance a	and/or inspecti	on was perfo	ormed in accordar	nce with the current re	gulations of the				- 1			
✓ Federal A	Aviation Adr	ministration			other (Specify)			(		and	,			
WAS DETE	ERMINED 1	TO BE IN AIRWORT	HY CONDITIO	ON WITH RE	ESPECT TO THE	WORK PERFORMED	AND IS APPROVE	D FOR RETURN	TO SERVICE.					
Vork Inspected	By RO	BERT CELLARS	-			Certificate No.	W6NF	R985J	Date 24-0	ct-2018	2 10 10			
3 3 3 1		1000	file at our facil	ity under the	above Work/Sen	vice Order Number as	annlicable			MA.				
, cranent det	and of tillo	maniferialite are off	at our later	ny under the	. 25010 11010001	Order Humber do	арриосото.							



0629

No.

2

3

Transaction

Comments:

Type

Comments: Removed part no: FHE-246-4 Removed serial no: NSN.

Comments: Removed part no: FHE-246-4 Removed serial no: NSN.

NO. 2 ENGINE - INBOARD IGNITER PLUG INBOARD

2

A/C Serial #

500-0415

5-12-0B

742010

742020

Item

#### **Maintenance Transaction Record**



CAMP MTR ID # 2928468

This Maintenance Report is To Be Used Solely For (Check One) Eng.#1 Eng.#2
Serial No. APU Airframe Serial No. Entries PCE-76361 Serial No. Aircraft Identification and Status A/C Unit # A/C Registration # Date City ID Total A/C Hours Total A/C Landings | Engine 1 Ttl Hrs Engine 2 Ttl Hrs Engine 1 Ttl Cycles | Engine 2 Ttl Cycles APU Hrs APU Events Freon Hrs 24-Oct-2018 KYNG 7835 7894 6510.7 10007 6383 8476 N53RD 0 Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished Mod Removal Installed Part Material Man Item Name Position Part Number / Alternate Part Level Part Serial Reason Status TSN/TSO/TSR Costs Hours PHASE B NO. 2 ENGINE - OUTBOARD IGNITER PLUG OUTBOARD FHE-246-4 NSN WO N 0 MTH 0 HRS

NSN

WO

N

0 MTH 0 HRS

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments)

FHE-246-4

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T -

Repair		Certified Repair		Work			Maintena	ance Log
Facility	WINNER AVIATION	Station Number	W6NR985J	Order No	J	ET7629	Section	Page
Work Performed By	WINNER AVIATION		Certificate No.	W6NR985J	Date	24-Oct-2018		
I certify that the ab	ove stated maintenance and/o	or inspection was performed in accorda	nce with the current regulation	ons of the				
Federal Aviatio	n Administration	Other (Specify)				and		
WAS DETERMIN	NED TO BE IN AIRWORTHY	CONDITION WITH RESPECT TO THE	WORK PERFORMED AND	IS APPROVED FOR RETU	IRN TO SERVIC	E.		
Work Inspected By	ROBERT CELLARS -		Certificate No.	W6NR985J	Date	24-Oct-2018		
Pertinent details of	this maintenance are on file a	at our facility under the above Work/Ser	vice Order Number as appli	cable.				
								Page

Autho	g Civil Avamos my County: nited States	AUTI	HORIZED RELE		RTIFICATE	5. Ferm Trucking Number 6415567
i Oranizati	nn Nanse and Address	Tex	tron Aviation Inc. (P Textron Aviation Inc. na Blvd, Wichita, KS			5. Work Order/Contract/Invoice Number: 3299163
hem	7. Description:		8. Part Number:	9. Quantity.	10, Serial Number.	11 Status Work.
20	IGN	ITER	FHE246-4	1	N/A	New
				1802468		
⊠ Ap	es the items identifed spooved design data an an-approved design dat	d are in a conditio	factured in conformity to: in for sufe operation.	Certifies has Li and descri Code of Tede	9 Recaus to Service [] Other united references specified in Blo Notifu Hock 12 was accompanies at Regulations, part 44 and as re- return to Service.	ck 12, the work identified in Bloc
⊠ Ap	proved design data an	d are in a conditio	factured in conformity to:  In for sufe operation.  ct 12.  13c. Approval/Aut	Certifies dust Unit descri Dade of Tede approved for	unless otherwise specified in Blo sed in Block 12 was accompaste at Regulations, peri 43 and is re	ck 12, the work identified in Bloc
No Apple No 13h, Author	proved design data an an-approved design dat	d are in a condition to specified in Bio	factured in conformity to:  In for safe operation.  ct 12.  13c. Appears al-Aut  15c. Date (dd/mms)	cq. Citatines flass  Certifies flass  H and descript  Code in Useda  Approper for  borization No.:	miest otherwise specified in Blo ed in Block 12 was accompashe at Regulations, pert 45 and 46 re- cepted in service.	ck 12, the work stemified in Bloc stan accordance with Title 14, speciato that work, the forms are

It is important to understands that the existence of this occurred addition and regulators of an arrivorthis in Block I, it is executal that the assertionable ensures that his her airworthinest authority accepts creatily specified in Block I. I. Statements in Block I and I do not constitute installation certification. In all cases, aircraft in accordance with the national regulations by the sterrinostaller before the aircraft may be flows:

FAA Form 8136-3 (02-14)

NSN: 0052-00-012-9005

Author	g Civil Aviation may/Country: nited States		RIZED RELE.			3. Form Tracking Number: 6415567
4. Oranizatio	on Name and Address		5. Werk Order/Contract/Invoice Number: 3299163			
6.hem: 20	7. Description:	TER	FHE246-4	9. Quantity.	10. Serial Number:	11. Status/Work: New
App	proved design data and	bove were manufactured are in a condition for sa specified in Block 12.	d in conformity to:	Certifies that : 11 and describ Code of Feder	miles otherwise specified in 80	requisition specified in Block 12 ext 17, the work identified in Block and in accordance with Tale 14, expect or that work, the terms are
13b. Author	rized Signature:	Wood	13c. Approvab/Aut	Portzation No.:	14b Authorized Signature	14c. Appreval/Certificate No.
75	2	VV COX	_			ALCOHOL SERVICE SERVICE
75 13d. Name (	(Typed or Printed): RY WEEKS	W.Esz	13e. Date (dd/mmm		14d. Name (Typed or fumled)	) Ac. Dote (ddmennu/yyyy).
75 13d. Name (		W. Cox	13e. Date (dd/mmn	t/2018	14d. Name (Typed or fymied)	14c. Dobr (ddmennil yyy)).

Approving Civil Aviation Authority-Country AUTHORIZED RELEASE CERTIFICATE 6415567 FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215 3299163 6 Isem Description. Quantity: 16. Serial Number: 11. Status/Work: 20 IGNITER FHE246-4 N/A New 12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: 1802468 ta: 14 CFR 43.6 Return to Service 1 Other regulation specified in Black 12 3a. Certifies the items identifed above were manufactured in conformity to: Certifies that unless otherwise specified in Block 12, the work chestified is block 14 and described in Block 12 was accomplished in apportance with 17th 14. Code of Federal Regulations, part 42 and for respect to that work, the seam are Approved design data and are in a condition for safe open ☐ Non-approved design data specified in Block 12. 3b. Authorized Signature 13c. Approval Authorization No 14b. Ambonized Streamer 14c. Approved/Certificate No. PC4 Week 15 3d. Name (Typed or Printed) (3e. Date (dd/mmm/yyyy)) 14d. Name (Typed or Printed): 14e. Date (dd/mmts/yyyy):

22/Oct/2018 User/Installer Responsibilities

**TERRY WEEKS** 

FAA Form 8130-3 (02-14)

NSN 0052-00-012-9005

NSN: 0052-00-012-9005

Form Tracking Number

Auth	ng Civil Aviation only Country: nited States		ORIZED REL		
4. Oranizzt	ion Name and Address	Text	ron Aviation Inc. extron Aviation I a Blvd, Wichita,	nc.	
6.hem:	7. Description:		8. Part Number:	9. Quantity:	10. Senal Number.
10	GAS	KET	3017452	4	N/A
			PC	)#: 1802468	
⊠ Apr	es the items identifed a proved design data and n-approved design data	are in a condition t		Certifies the 11 and descr Code of For	3.9 Resum to Service On unless otherwise specified in thed in Block 12 seas accompli- test Regulation; part 43 and in resum to service.
13b. Author	rized Signature.	Wee	12	PC4	14h Authorizad Signature
	Typed or Printed):		13c. Date (ddr 22/0	namm/yyyy): Oct/2018	14d Name (Typod or Printer

it is important to understand that the existence of this document alone does not automotically constitute authority to install the aircraft one Where the user installer performs work in accordance with the national regulations of an airworthiness authority different than the air in Block 1, it is essential that the user/installer ensures that his/ber airworthaness authority accept assertal engine(s)/propeller(s) article country specified in Block 1.

User/Installer Responsibilities

Approving Civil Asiation Authority/Country AUTHORIZED RELEASE CERTIFICATE
FAA Form 8136-3, AIRWORTHINESS APPROVAL TAG FAA/United States Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215 20 **IGNITER** FHE246-4 N/A 12 Remarks **AUTHORIZED RELEASE DOCUMENT** PO#: 1802468

Su Certifies the items identified above were manufactured in coal   Mapproved design data and are in a condition for safe opera   Non-approved design data specified in Block 12.	tion. Cortilles d 11 and des Code of Fe	43.9 Repair to Service
13t Authorized Signature. Tog Week	13c Approval/Authorization No.	146 Authorized Signature
13d Name (Typed or Printed): TERRY WEEKS	13e. Date (dd/mmm/yyyy): 22/Oct/2018	14d. Name (Typed or Printed)
	User/Installer Responsibilities	

Where the user installer performs work in accordance with the national regulations of an airworthiness authority different than the c Block 1, it is extential that the user installer ensures that his her carworthiness authority accepts carctaff enginers/propeller(s) art carmy specified in Block 1.

tenients in Blocks 13e and 14e do not constitute ordance with the national regulations by the user

FAA Form £136-3 (02-14)

atements in Blocks 13a and 14a do cordance with the national regulation

EAA Form 8130-2 (02-14)

Stevens Aviation Inc. Hanger One, Wright Drive

#### StevensAviation Inc.

Dayton International Vandalia, OH 45377.	Airport					N	laintenance	Transaction	Report					
Phone: 937-454-3440	/ Fax 937-454-3		Airframe Entries	#1	Engine		#2 Engine		□APU	J#	Freon#			
Aircraft Serial Number	A/C Unit #						ircraft Identification							
Arcrait Senai Number	A/C Unit #	A/C Registral	tion # Date (M0-	Day-Yr.)	City Identifier	Total A/C Hours	Total A/C Landings	Total Engine Hours No. 1	No. 2	Total engine cycle No. 1	. No. 2	APU Hrs	Apu Events	Freon Hr
500-0415	0415	N53RI			DAY	7692.9	7815 mments including,							PHE
2. Replaced ri 3. Installed Ru 4. Resecured li 5. Removed si 6. Installed Em 7. Replaced Li 8. Replacedr C 9. Replaced bo 10. Replaced al	ght oil press dder trim full Pilots O2 ma urface corros nergency Pon H and RH na Garmin GDL- onding wire of I empennage	ure and rad right refers sk rubber s ion. Treate wer Test lig v antenna 88 antenna in left nose e static wicl	dio altimeter circ ance mark missi strip on top of h ed, primed, and l ght, p/n MS9030 with new using a with new using b baggage door	uit breake ng on aft ead band painted af 8-5, and t 2) ea. p/r (1) ea. p/ orward hi static wic	ers on R/H side of pe  I.  ffected are bulb, p/n 6 n CI120GS /n CI105, inge with re	I panel with new destal using (1) of the stall using (1) of the stall using (1) of the stall using (838 in the pilot's S. s/n 559046 & , Ser# 85620	n/n MS25083-2AF	277-2-2. 9. ed brake. Standby Power tes			essna 500 Serie	es WDM.		
2. Removed pi 3. Removed an 4. Repaired no 5. Cleaned LH 6. Painted wing 7. Updated boi 8. Repositione 9. Installed 7 no 0. Repositione 1. Replaced th 2. Replaced th 2. Adjusted ruc 4. Adjusted elee	lot's inertia rend replaced open baggage low fuel lever gruel cell act of GTN 750 of aileron ser ew "Tank and d Right hance following Le following Folder trim cabevator trim cabevator trim cap	eel. Cleane emergency left door s el float arm cess panel databases vo cable dr d Sump Dr d fwd cabin H wing fue le tension. ble tension	ed main shaft. In exit door seal vieal. pivot. Ops chect is using Alumigrito the current verum guard pins. rain" placards us a seat armrest tri I access panels access panels Travel checked in Travel checked.	ertia chec ith new u k good. p Matterh rsion. ing (7) ea m to prov with new: with new: good. d good.	ck good. Rusing (1) earning (1	a. p/n 5511250-1 4200. 001-9. ince. 11BB, 511CB, 5 <sup>4</sup> 611DB, 611BB, 6	11DB, 521AB, 532 611AB and 632FB.	AR 532CR AND 5	32FR Leak chec	ck good.				
25. Replaced la								O-d N DA	AWO 5457					
Repair Facility:	Sievens Avia	uon inc.	Certifi	cated Re	pair Stati	on number: VIB	4368K <b>Work</b>	Order No.: DAY	Y-WO-5157				enance Lo	
Work Performed	By: Stever	s Aviation	n, Inc.		Certificate	Number: VIB4	368K	Date: 03/29/	2018	4		Section	F	Page
certify the above	e stated ma	intenance	and/or inspec	ion was	performe	d with the curre	ent regulations of	the					2	of 2
⊠ Federal Aviat ☐ Other:	ion Adminis	tration	and the aircra	ft identifi	ied show	ie procently si	rworthy and appre	avad fort t						UI Z
Work Inspected	By: Kyl	Pelabe				te Number: VIB4		Date: 03/29/						





Registration #: N53RD

Manufacturer: Cessna Part/Model number: 500 Work Order No: JET7405 Total AC Time: 7.726.8

Total AC Cycles: 7.820

Aircraft Serial Number: 5000415

Date: 05/21/2018

Squawk

1.2

1.1 TBS-

TBS - RIGHT ENGINE WILL NOT LIGHT OFF. LOCATED INTERMITTENT MICRO SWITCHES ON ENGINE CONTROL LEVERS, REMOVED AND REPLACED ALL FOUR SWITCHES P/N 1SE3-3, AND TWO ACTUATORS P/N JE61, OPERATIONAL CHECKED SATISFACTORY, ALL WORK ACCOMPLISHED IAW CESSNA 500 MM, CHAPTER 74.

TBS - PILOTS AND COPILOTS AUDIO PANEL SWITCHES, FOUND AND REPAIRED BROKEN WIRES. BROKEN SPLICES, DISCONNECTED WIRES AND REPLACED COPILOTS AND PILOTS AUDIO PANEL CONNECTORS P/N MS27473E20A35S,

IAW CESSNA WIRING DIAGRAM 23-50-00. OPERATIONAL CHECKED GOOD.

All Work Performed I.A.W. Cessna 500 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number JET7405.

Signature

For Winner Aviation Repair Station #W6NR985J



MTR ID # 2706880

Page 1 of 1

Removal

Reason

Transaction

No. Type

This Maintenance Report is To Be Used Solely For (Check One) ☐ Airframe ☐ Eng. #1

☑ Eng. #2 Serial No. 76361 ☐ APU Serial No.

Part Serial

Mod

Level

CAMP Systems International 8200 E. 34TH STREET BUILDING 1600, SUITE 1607 Wichita, KS 67226

Installed Part

Status TSN/TSO/TSR

Material

Costs

Man

Hours

					Α	ircraft Identification	and Status		No. of Control				
A/C Serial#	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Total Hrs	Engine 2 Total Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hr
500-0415	0629	N53RD	07-Apr-2017	KAID	7545.3	7697	6235.3	9717.3	6187	8262			0

Part Number / Alternate Part

Item SL500-72-10 1 3 72SL-10 : E2\*\*R

RIGHT ENGINE TRANSMITTAL OF PRATT & WHITNEY CANADA (P&WC) SERVICE BULLETIN JT15D-72-7590, TURBOFAN ENGINE BORESCOPE INSPECTION OF IMPELLER REAR FACE AND COMMERCIAL SUPPORT PROGRAM NOTIFICATION (CSPN) C03001R1, SERVICE

Item Name

Entries

RIGHT **ENGINE** 

Position

Serial No.

LETTER MOC: NOT APPLICABLE

Comments: This SL 500-72-10 does not apply to currently installed engine S/N-PCE76361 installed in R/H position on this aircraft at this time. This SL 500-72-10 does not apply due to currently installed Impeller P/N-3032070, S/N-9C770, as indicated in Dallas Airmotive Overhaul Log book entry dated Nov,16,2001, under their work order #FT1731, FAA repair station #YRRR491L. No further action required.

Work Performed By RICHARD RADO  I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the  Federal Aviation Administration  WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.  Work Inspected By RICHARD RADO  Certificate No. AP3394403  Date 07-Apr-2017	Repair Facility INDY JET SERVICES LLC	Certified Repair Station Number	Work Order No	
☑ Federal Aviation Administration ☐ Other (Specify) and  WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.	Work Performed By			Date 07-Apr-2017
	☑ Federal Aviation Administration	Other (Specify)		
Work Inspected By RICHARD RADO Certificate No. AP3394403		SITION WITH RESPECT TO THE WORK	C PERFORMED AND IS APPROVED FOR PETITION T	OSEBVICE

ew, R - Repaired/Rebuilt, S - Serviceable, O - Overhauled

Section Page 08 1



MTR ID # 2679379

Page 1 of 2

A Division of CAMP Systems

This Maintenance Report is To Be Used Solely For (Check One)

Airframe Entries

☐ Eng. #1 Serial No.\_\_\_ Eng. #2 Serial No. 7636

☐ APU Serial No. CAMP Systems International 8200 E. 34TH STREET BUILDING 1600, SUITE 1607

Wichita, KS 67226

Phone: 316-462-2267/ Fax: 316-462-0791

1100					A	ircraft Identification	and Status							
A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Total Hrs	Engine 2 Total Hrs	Engine 1 Ttl Cyc	les Engin	ne 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
500-0415	0629	N53RD	23-Dec-2016	KMQJ	7545	7696	6235	9717	6186		8261			0
			Cor	mponent Ch	anges, Inspections	Service Bulletins,	or Airworthiness Di	rectives Accomplis	hed					
Item	Transaction No. Type	Ite	m Name		Position	Part Number	Alternate Part	Mod Level Part	Serial	Removal Reason	Installe Status TSN		Materi Costs	
-12-01 51204		SE 1 INSPECTION omplied with Phase 1 i	inspection IAW (	Cessna 500	MM 05-12-01. All r	equired operationa	I and leak checks c	ompleted satisfact	ory at this time.			111000		
-12-02 51205		SE 2 INSPECTION							10 000000 347					
	THE RESERVE	emplied with Phase 2 i	inspection IAW (	Cessna 500	MM 05-12-02. All r	equired operationa	l and leak checks c	ompleted satisfact	ory at this time.					
-12-03 51206	3 2 PHA	ASE 3 INSPECTION												
31206	Comments: Co	emplied with Phase 3 i	inspection IAW (	Cessna 500	MM 05-12-03. All r	ecuired operationa	l and leak checks o	ompleted satisfact	ory at this time					
-12-04 51207	7.75	SE 4 INSPECTION	•						ny at ano amo.					
	Comments: Co	mplied with Phase 4 i	inspection IAW (	Cessna 500	MM 05-12-04. All r	equired operational	and leak checks c	ompleted satisfacto	ory at this time.					
57110	5 2 NO.	1 ENGINE - MINOR I	NSPECTION											
	Comments: Co	mpleted engine Minor	r Inspection IAM	DRIMC IT	15D-1 \ MM 70-00.	O All required one		ooks samulated as						
	to blood the accommodate	- Inproved origins innion	i inspection iAvv	Favical	13D-17 WIN 70-00-	o. All required ope	rational and leak cr	iecks completed sa	atisfactory at this	time.				
57110	Added to the second	2 ENGINE - MINOR I		Favesi	13D-1A WIW 70-00-	oc. All required ope	rational and leak cr	iecks completed s	atisfactory at this	ume.				
57110	6 2 NO.	2 ENGINE - MINOR I	NSPECTION							VI				
57110 52010C 52010C : R	6 2 NO. Comments: Co		INSPECTION r Inspection IAW	P&WC JT						VI				
52010C 52010C : R	6 2 NO. Comments: Co	2 ENGINE - MINOR I empleted engine Minor PECT RIGHT SIDE W	NSPECTION r Inspection IAW	P&WC JT	15D-1A MM 70-00-0 RIGHT	00. All required ope	rational and leak ch	ecks completed sa		VI				
52010C 52010C : R	6 2 NO.  Comments: Co 7 2 INSt  Comments: Pe	2 ENGINE - MINOR I empleted engine Minor PECT RIGHT SIDE W enformed prism inspect	INSPECTION  r Inspection IAW VINDOW INSPE tion of right cock	P&WC JT	15D-1A MM 70-00-0 RIGHT dow. All cracks in fa	00. All required ope	rational and leak ch	ecks completed sa		time.				
52010C 52010C ; R rans. Type: 1 - Compo	6 2 NO.  Comments: Co 7 2 INSt  Comments: Pe	2 ENGINE - MINOR I empleted engine Minor PECT RIGHT SIDE W	r Inspection IAW VINDOW INSPE tion of right cock	P&WC JT CTION pit side win	15D-1A MM 70-00-0 RIGHT dow. All cracks in fa	00. All required ope	rational and leak ch ithin serviceable lin Convenience, N - Other(r	ecks completed sa		time.	Status: N - New, F	and the second		
52010C 52010C : R	6 2 NO.  Comments: Co 7 2 INSt  Comments: Pe	2 ENGINE - MINOR I empleted engine Minor PECT RIGHT SIDE W enformed prism inspect	r Inspection IAW VINDOW INSPE tion of right cock Removal Reason Certifie	P&WC JT CTION pit side win s; WO - Worn to	15D-1A MM 70-00-0 RIGHT dow. All cracks in fa	00. All required ope	rational and leak ch ithin serviceable lin Convenience, N - Other(r Work	nits at this time.		time.	Status: N - New, F	1	Maintenance I	.og
52010C 52010C : R ans. Type: 1 - Composite Repair acility	6 2 NO.  Comments: Cc 7 2 INSI  Comments: Pe onent, 2- Inspection,	2 ENGINE - MINOR I propleted engine Minor PECT RIGHT SIDE W prormed prism inspect 3 - SB, 4 - AD, Misc. RD F. LEDERMAN	r Inspection IAW VINDOW INSPE tion of right cock Removal Reason Certifie	P&WC JT CTION pit side win s: WO - Worn to ded Repair n Number	RIGHT  dow. All cracks in factorities, SC - Scheduled,	200. All required ope astener holes are w UN - Unscheduled, CO -	rational and leak chithin serviceable lin  Convenience, N - Other(n  Work  Order N  AP3650912	nits at this time.		time. Installed Part	Status; N - New,	and the second	Maintenance I	
52010C 52010C : R ans. Type: 1 - Compo Repair acility Vork Performed	6 2 NO.  Comments: Cc 7 2 INSi  Comments: Pe onent. 2- Inspection,  I By RICHAI  the above stated	2 ENGINE - MINOR I propleted engine Minor PECT RIGHT SIDE W prormed prism inspect 3 - SB, 4 - AD, - Misc. RD F. LEDERMAN	r Inspection IAW VINDOW INSPE tion of right cock Removal Reasons Certifie Station	P&WC JT CTION  cpit side win cwo worn to d Repair Number	RIGHT  dow. All cracks in factorities, SC - Scheduled,	200. All required ope astener holes are w UN - Unscheduled, CO -	rational and leak chithin serviceable lin  Convenience, N - Other(n  Work  Order N  AP3650912	nits at this time.	atisfactory at this	time. Installed Part	Status: N - New, F	Section	Maintenance I	.og
52010C 52010C:R Fans. Type:1 - Compo Repair Facility Vork Performed I certify that the	6 2 NO.  Comments: Co 7 2 INSI  Comments: Per onent, 2- Inspection, I By RICHAI  the above stated tion Administrati	2 ENGINE - MINOR I propleted engine Minor PECT RIGHT SIDE W rformed prism inspect 3 - SB, 4 - AD, Misc.  RD F. LEDERMAN I maintenance and/or ion	r Inspection IAW VINDOW INSPE tion of right cock Removel Reason Certific Station inspection was p	P&WC JT CTION  cpit side win cd Repair Number  performed in	RIGHT  dow. All cracks in factoriates, SC - Scheduled, accordance with the second control of the second contro	20. All required operatener holes are would be used to	rational and leak chrithin serviceable lin  Convenience, N - Other(r  Work  Order N  AP3650912  ns of the	nits at this time.	atisfactory at this	time. Installed Part	Status: N - New, F	Section	Maintenance I	.og
52010C 52010C:R Fans. Type:1 - Compo Repair Facility Vork Performed I certify that the	6 2 NO.  Comments: Co 7 2 INSI  Comments: Per onent, 2- Inspection, I By RICHAI  the above stated tion Administrati	2 ENGINE - MINOR I propleted engine Minor PECT RIGHT SIDE W prormed prism inspect 3 - SB, 4 - AD, - Misc. RD F. LEDERMAN	r Inspection IAW VINDOW INSPE tion of right cock Removel Reason Certific Station inspection was p	P&WC JT CTION  cpit side win cd Repair Number  performed in	RIGHT  dow. All cracks in factoriates, SC - Scheduled, accordance with the second control of the second contro	20. All required operatener holes are would be used to	rational and leak chrithin serviceable lin  Convenience, N - Other(r  Work  Order N  AP3650912  ns of the	nits at this time.	atisfactory at this	time. Installed Part	Status; N - New, I	Section	Maintenance I	.og
52010C 52010C:R ans. Type:1 - Compo Repair acility	Comments: Co 7 2 INSI Comments: Pe onent, 2- Inspection, I By RICHAI the above stated tion Administrati AFT IDENTIFIED	2 ENGINE - MINOR I propleted engine Minor PECT RIGHT SIDE W rformed prism inspect 3 - SB, 4 - AD, Misc.  RD F. LEDERMAN I maintenance and/or ion	r Inspection IAW VINDOW INSPE tion of right cock Removel Reason Certific Station inspection was p	P&WC JT CTION  cpit side win cd Repair Number  performed in	RIGHT  dow. All cracks in factoriates, SC - Scheduled, accordance with the second control of the second contro	20. All required operatener holes are would be used to	rational and leak christin serviceable lin  Convenience, N - Other(r  Work  Order N  AP3650912  Ins of the	nits at this time.	atisfactory at this	time. Installed Part	Status; N - New, 1	Section	Maintenance I	.og



MTR ID # 2679379

Page 2 of 2

This Maintenance Report is To Be Used Solely For (Check One) ☑ Airframe Eng. #2 Serial No. 7 b3 ☐ Eng. #1

Serial No.

Entries

Serial No.

☐ APU

CAMP Systems International 8200 E. 34TH STREET BUILDING 1600, SUITE 1607 Wichita, KS 67226

Phone: 316-462-2267/ Fax: 316-462-0791

					#	vircraft Identification	and Status								
A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Total Hrs	Engine 2 To	otal Hrs	Engine 1 Ttl Cycle	s Engir	ne 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
500-0415	0629	N53RD	23-Dec-2016	KMQJ	7545	7696	6235	9717	7	6186		8261			0
Item	Transaction No. Type	Ite	Cor em Name	nponent Ch	nanges, Inspections Position		or Airworthiness D	Mod Level	omplish Part S	R	emoval eason	Installe Status TSM		Materi Costs	
12-0B 51218		ASE B	inspection IAW (	Casena 500	0 MM 05-12-0B AII	required operations	al and loak chocks	completed es	aticfacto	n, at this time					

Trans. Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, Misc. Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN -	Unscheduled, CO - Convenience, N - Other(note in comments) Installed Part Status; N	New, R - Repaired/Rebuilt,	S - Serviceable, O - Overhaul
Repair Certified Repair	Work	Mainte	enance Log
FacilityStation Number	Order No.	Section	Page
Work Performed By RICHARD F. LEDERMAN TRANSPORTED	Certificate No.         AP3650912         Date 23-Dec-2016	80	02
I certify that the above stated maintenance and/or inspection was performed in accordance with the c	urrent regulations of the		
☐ Federal Aviation Administration ☐ Other (Specify)	and		
THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN	RN TO SERVICE.		
Work Inspected By RICHARD F. LEDERMAN ( Ash)	Certificate No. AP3650912 Date 23-Dec-2016		
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number	er as applicable.		

#### 72-00-00

#### Table 601 Periodic Inspection

COMPONENT	NATURE OF INSPECTION	INSPECTION INTER	VAL	
		DAILY/PREFLIGHT	MIN	OR
ENGINE EXTER	NALS		LT	6
Tubing, Wiring, Control Linkage and Cables	Security of all accessible connections, clamps and brackets.		X	7
	Evidence of wear, chafing, cracks and corrosion.		XR	21
	Evidence of fuel or oil leaks.		RIZ	P
	Evidence of fraying, broken strands, security of cables and fittings.		X	P
	Lubricate rod end connectors.		Z12	R
Engine Mounts	Security and condition		RIR	2
Compressor Inlet	Check compressor inlet area for cleanliness.	X	X 212	R
	Check low pressure compressor blades and stator vanes for dirt deposits, corrosion and erosion.	Х	X RIP	RI
	Pre-SB7268/Pre-SB7300 JT15D-4, -4B and -4D engines: inspect LP compressor case inner diameter for evidence of fan blade rub revealing parent metal. In the event of rub, inspect rubbed area for cracks using fluorescent dye penetrant. Repeat inspection every 100 hours.  Reject any case exhibiting cracks. Incorporate Pre-SB7300 on replacement case.		X Va	N
	Post-SB7268/ Post-SB7300 JT15D-4, -4B and -4D engines: inspect silicone damping ring for damage and position.		×/a	Sie
	JT15D-4, -4B and -4D engines not incorporating SB7264 or SB7369: inspect LP compressor bypass stator retaining rivets around circumference of LP compressor case. Ensure that all rivets are present and secure.	Every 300 hours	yb	7
Outer Bypass Duct	Check all bosses and brackets for evidence of bond separation (Ref. 72-70-03)		X	R
Exhaust Duct	Cracks or distortion.	R	HR	R.I.
	Pre-SB7013 JT15D-1 and -1A engines: every 100 hours inspect 21 bolts (not lockwired) securing inner rear bypass duct to turbine exhaust duct.	,	Y/A	N

COMPONENT	NATURE OF INSPECTION	INSPECTION INTER	VAL	
		DAILY/PREFLIGHT	MIN	IOR
	Loosen bolts, then retorque to 32 to 36 lb.in. Replace and torque all missing bolts.		LT	10
No.4 Bearing Housing	Security of installation		XIR	120
	On Pre-SB7193 configuration: use a borescope to inspect No.4 bearing housing for security of retaining bolts and slab nuts. No borescope inspection is required on Post-SB7193 engines. Apply anti-galling compound (PWC06-032A) to threads of boresope plug port and install. Torque 25 to 35 lb.in. and lockwire. Do not exceed the torque value stated.		× UR,	R4
	Integrity of lockwire	7	BKA	RI
Accessories	Security of accessories	1	21/2	R
Gas Generator Case - JT15D-4, -4B, -4D only: Pre-SB7240 engines with P/N 3020200, 3029241, 3029066 or 3106469-01 gas generator case (Ref. SB7217)	In-situ inspection using a borescope (Ref. 72-30-05). Inspect circumferential stitch weld: (1) Forward of bolts securing gas generator case deflector strips. (2) Welds forward and aft of stitch weld. (3) Longitudinal welds from containment to rear flange for cracks (Ref. Fig. 601). Viewed through a borescope, early distress of the case will be indicated as a black line, similar to a soft pencil line, and running alongside and adjacent to the welds. Suspect crack indication should be confirmed, ie. dye penetrant-inspected. Confirmed cracks in case are cause for removal; engine should be returned to an approved overhaul facility for repair.	Every 300 ± 50 hours	/a	NA
Gas Generator Case - JT15D- 4B only: Pre- SB7240 engines with P/N 3106469-01 gas generator case (Ref. SB7216)	In-situ inspection using a borescope (Ref. 72-30-05). Inspect gas generator case outer surface, paying particular attention to the following areas (Ref. Fig. 602): (a) Circumferential spot welds forward of the deflector retention bolt circle (Detail A). (b) Circumferential fusion welds (2) forward and aft of spot welds. (c) Longitudinal welds (1) along containment ring, and from containment ring to gas generator case rear flange. If a crack is detected, remove engine and send it to an approved overhaul facility for repair.	Every 150 hours	la l	y!
HP Turbine Assembly: In- situ Inspection				
All JT15D-1, - 1A, -1B and -4 engines not ncorporating SB7297 or SB7317	Borescope inspection (see NOTES)	Initial inspection within hours. Repeat inspecti intervals not to exceed hours	on at	Er
All JT15D-4B engines not	Borescope inspection (see NOTES)	Initial inspection within hours TSN, 300 hours	TSH	SI,

COMPONENT	NATURE OF INSPECTION	INSPECTION INTER	VAL
		DAILY/PREFLIGHT	MINOR
incorporating: SB7296 together with SB7297 or SB7317 or, SB7307 together with SB7297 or SB7317		300 hours TSO or 30 Time since previous inspection for HP turb blade shift. Repeat in at intervals not to exchours.	0 hours oine spection
All JT15D-4D engines not incorporating: SB7296 together with SB7297 or SB7317 or, SB7307 together with SB7297 or SB7317	Borescope inspection (see NOTES)	Initial inspection within hours. Repeat inspect intervals not to exceed hours	tion at
	NOTE: 1. Inspect HP turbine blades for evidence of blad flexible borescope. Blade forward movement reason for removal of the HP turbine for reparations.  NOTE: 2. Inspection with a a 5 mm or a 6 mm flexible be difficult and is no longer recommended.	in excess of 0.020 inch ir (Ref. 72-50-02).	is
	NOTE: 3. Borescope access is achieved by passing the blades of the LP turbine assembly. With the lof the HP rotor via the AGB starter generator blades to be inspected. The extent of blade scomparing with the HP turbine blade serratio 0.090 inch.	porescope in position, ro driveshaft allows all HP shift may be assessed by	tation turbine
Automatic Fuel Shutoff Mechanism (Post- SB7281/Pre- SB7306 only)	Using a borescope, inspect emergency fuel shutoff linkage to ensure security:		× V/A
	Borescope-inspect overspeed control shutoff linkage through the inspection port in exhaust duct cone. Verify cotterpin through D-headed bolt and castellated nut are intact. Castellated nut should be tight against the No. 4 bearing housing cover assembly.		× N/A
	Borescope-inspect overspeed control shutoff linkage through cut-out in rear inner bypass duct adjacent to shutoff valve. Access through back end of engine. Verify cotterpin through D-headed bolt and castellated	2	×/A

COMPONENT	NATURE OF INSPECTION	INSPECTION INTER	VAL
		DAILY/PREFLIGHT	MINOR
	nut are intact. Castellated nut should be tight against the overspeed control bracket assembly.		
	Incorporate <u>SB7306</u> before next flight if cotterpin is missing or security of linkage assembly appears compromised.		XIA
	Apply anti-galling compound (PWC06-032A) to threads of borescope port plug and install plug in exhaust duct. Torque plug 25 to 35 lb.in. and lockwire. Do not exceed torque value stated.		
Overspeed Control Wire Rope (Pre-SB7288)	Using a borescope, inspect overspeed control wire rope clevis and ball end-to-cable joints for security:		XVA
	Borescope-inspect clevis-to-wire rope joint through borescope inspection port in exhaust duct cone. Check for broken cable strands at joint.		
	Borescope -inspect ball end-to-wire rope joint through cut-out in rear inner bypass duct adjacent to emergency fuel shutoff valve. This area is accessible through the back end of the engine. Check for broken cable strands at the joint.		× V/A
	Incorporate SB7288 before next flight if any broken cable strands are found.		×N/A
	Apply anti-galling compound (PWC06-032A) to threads of borescope port plug and install plug in exhaust duct. Torque plug 25 to 35 lb.in. and lockwire. Do not exceed torque value stated.		•
SYSTEMS			
Oil System	CAUTION: : DO NOT MIX DIFFERENT BRANDS OR WHEN CHANGING OIL OR WHEN REPLENISHING OIL CHANGES (REF. SB7001).	TYPES OF OIL DIL BETWEEN	
Oil Change Interval	Oil quality is to be monitored on-condition and analyzed periodically as observations warrant (Ref. 72-00-00, SERVICING).		C+R
Oil Quantity	Check oil level (Ref. 72-00-00, SERVICING).	х	MIN
	Check condition and security of oil filler cap (Ref. 79-30-01).	х	EHR
Oil Filter Element (cleanable) (Pre-	Remove the oil filter element and inspect for foreign matter (Ref. 79-20-01, OIL FILTER ELEMENT AND HOUSING - MAINTENANCE PRACTICES). Reject and	Every 200 hours	

72-00-00 - ENGINE: TURBINE - INSPECTION Rev. 44.0 - 04/APR/16

COMPONENT	NATURE OF INSPECTION	INSPECTION INTERVAL	
		DAILY/PREFLIGHT	MINOR
SB7476 Engines)	replace unserviceable oil filter element.		The bu
	Remove oil filter element and inspect for foreign matter. For cleaning and inspection (Ref. 79-20-01, OIL FILTER HOUSING AND PRESSURE RELIEF VALVE - MAINTENANCE PRACTICES). Reject and replace unserviceable oil filter element.	Every 800 hours or if oil change interval is warranted and at HSI interval (Ref. SB7003 for interval).	
Oil Filter Element (non- cleanable) (Post-SB7476 and Post- SB7581 Engines)	Remove the oil filter element and inspect for foreign matter (Ref. 79-20-01, OIL FILTER ELEMENT AND HOUSING - MAINTENANCE PRACTICES). Discard the oil filter if you find any foreign matter.	Every 200 hours and at HSI interval (Ref. SB7003 for interval).	
	Remove and inspect Post-SB7476 or Post-SB7581 oil filter element for foreign matter, then discard and replace (Ref. 79-20-01, OIL FILTER HOUSING AND PRESSURE RELIEF VALVE - MAINTENANCE PRACTICES).	Every 800 hours or if oil change interval is warranted.	
Fuel System			
Fuel	Check for presence of water.	×	MK,
Fuel Pump	Check for security and fuel leaks.		DO
Fuel Pump Inlet Screen	Check screen for foreign matter and distortion. Clean and reinstall, or install new screen (Ref. 73-10-02), if necessary. Inspect screen after first flight following installation of engine.		× Anii An
	On new aircraft, check screen after each flight until no contamination is found.	×	MA IA
	Check screen after first flight or ground run whenever any component upstream of the screen is replaced.	х	WAN/
Fuel Pump Outlet Filter (10 Micron)	Check for foreign matter and/or distortion. Install new filter at each inspection (Ref. 73-10-02).		jayju
Drain Valves	Security and leakage (Ref. 73-10-06).		MA
Fuel Control Unit	Security and leakage (Ref. 73-20-01).		KIN2
	Free movement of linkage and ball joints for play.		TRABI

COMPONENT	NATURE OF INSPECTION	INSPECTION INTERVAL	
		DAILY/PREFLIGHT	MINOR
	instructions to remove and replace torque tube gasket (Ref. CMM's 73-20-05, 73-20-10, 73-20-14 or 73-20-00). Refer to engine Illustrated Parts Catalog (IPC), Introduction - Applicable Documentation and to IPC Chapter 73-20-01 to select applicable CMM.		LT 2
Flow Divider and Dump Valve	Security and leakage (Ref. 73-10-04).	1	X PIP R
	Free movement of linkage and ball joints for play.	1	EXP R
Ignition System			
Ignition Exciter	Security and condition (Ref. 74-10-01).	1	THE RY
Ignition Cables	Chafing, wear and security (Ref. 74-20-01).	7	X RI
Spark Igniters	Cleanliness and erosion (Ref. 74-20-02).		Sono
	Operational test (Ref. 74-00-00).		BYR
Extreme Environment Inspection	For engine operating more than 40% of the time in zones considered extreme environmental harshness per environmental maps (Ref. Fig. 603).	)	(N A/I)
	Inspect the intermediate case for corrosion. Treat for corrosion as required (Ref. 71-00-00, POWER PLANT - CLEANING).		X Alu Alu