

ENGINE SERVICE AND MAINTENANCE RECORD

CESCOM

CAMP Systems International
8200 E. 34th St., Bldg 1600, Suite 1607 • Wichita, KS 67226
Phone: 316-462-2267 • Fax: 316-462-0791

1 ENG. MODEL NO. 211155 ENG. SERIAL NO. 211156 ENG. #1 ENG. #2 (CHECK ONE)

2 AIRCRAFT IDENTIFICATION AND STATUS

A/C SERIAL NO.	A/C UNIT NO.	A/C REGISTRATION NO.	DATE (Mo-Day-Yr)	CITY IDENTIFIER	TOTAL A/C HOURS	TOTAL A/C LANDINGS	TOTAL ENGINE HOURS	TOTAL ENGINE CYCLES
<u>525C 0072</u>	<u>B672</u>	<u>N65CD</u>	<u>01/20/12</u>	<u>ICT</u>	<u>6.8</u>	<u>4</u>	<u>6.8</u>	<u>4</u>

3 COMPONENT CHANGES / INSPECTIONS ACCOMPLISHED

TRANSACTION NO.	TYPE	ITEM NAME	POSITION	INSTALLED VENDOR PART NUMBER	MOD LEVEL	INSTALLED SERIAL NUMBER	Removal Reason	INSTALLED PART STATUS	TPO (ENTER IF CHANGE DESIRED)	HOURS	CYCLES	MATERIAL COSTS	MAN HOURS
1													
2													
3													
4													
5													
6													
7													
8													

4 TYPE TRANSACTION
1. COMPONENT CHANGE
2. INSPECTION ACCOMPLISHED

REMOVAL REASON (ENTER ONE ONLY)
U - UNSCHEDULED O - OVER TEMP. (START)
S - SCHEDULED M - METAL IN OIL
C - CONVENIENCE P - METAL IN TAILPIPE
W - WORN TO LIMITS F - F.O.D.
E - EXCESS OIL CONSUMP V - VIBRATION
T - TEMP LIMITED B - BLEEDAIR CONTAMINATION
N - OTHER (NOTE BELOW)

INSTALLED PART STATUS
N - NEW R - REPAIRED O - OVERHAULED S - SERVICEABLE

HOURS CYCLES
TIME SINCE NEW OR O/H TOTAL CYCLES SINCE NEW

5 THIS SPACE FOR OTHER MAINTENANCE COMMENTS INCLUDING, TEST OR CALIBRATION DATES, REMOVED VENDOR PART NUMBERS & SERIAL NUMBERS, ETC.

New LH Engine # 211155 was installed on aircraft Model 525C, S/N 525C0072 on 10/29/2011.

This unit serviced with Mobil Jet II engine oil.

6 DISPOSITION / APPROVAL

REPAIR FACILITY	CERTIFICATED REPAIR STATION NUMBER	WORK ORDER NO.
WORK PERFORMED BY Cessna Aircraft Company	CERTIFICATE NO. PC4	DATE <u>1/20/12</u>
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the:		
<input checked="" type="checkbox"/> FEDERAL AVIATION ADMINISTRATION <input type="checkbox"/> MINISTRY OF TRANSPORT <input type="checkbox"/> OTHER (SPECIFY) _____		
and the engine identified above is presently airworthy and approved for return to service.		
WORK INSPECTED BY	SIGNATURE	CERTIFICATE NO. DATE <u>1/20/12</u>

WILLIAMS INTERNATIONAL
ATTN: CUSTOMER SUPPORT
2280 WEST MAPLE ROAD, P.O. BOX 200
WALLED LAKE, MI 48390
(800) 859-3544 OR (313) 624-5229

7 BOOK PAGE
 / 01


CADERNETA DE MOTOR (LOG BOOK DO FABRICANTE)

TERMO DE ENCERRAMENTO

Aos 13 dias do mês de MARÇO do ano de 2012, lavra-se o presente "Termo de Encerramento" desta Caderneta de Motor que serviu para a escrituração de todos os registros de manutenção, inspeção, modificações, reparos, instalação e remoção de componentes do Motor abaixo identificado:

Fabricante:	WILLIAMS	Modelo:	FJ44-4A	N/S:	211155
TSN:	23 HORAS	CSN:	15 CICLOS	Ano de Fabricação:	2011
TSO:	NOVO	CSO:	NOVO	Tempo desde HSI:	NOVO
Proprietário:	AERO RIO TÁXI AÉREO LTDA				
Operador:	AERO RIO TÁXI AÉREO LTDA				
Observações:	MOTOR NACIONALIZADO (BRASIL). INSTALADO NA AERONAVE DE MARCAS PR-VZN. MOTOR INSTALADO NA POSIÇÃO #1.				

Rio de Janeiro, 13/Março/2012


André Vereza



Williams International

CERTIFICATE OF CONFORMANCE

WILLIAMS INTERNATIONAL HEREBY CERTIFIES THAT ALL ARTICLES WITHIN THIS SHIPMENT CONFORM IN ALL ASPECTS TO THE PURCHASE ORDER, DRAWING, SPECIFICATIONS AND STANDARDS AS DEFINED BY CONTRACT. RECORDS OF INSPECTION RESULTS FOR ITEMS INCLUDED WITHIN THIS CERTIFICATION ARE ON FILE AND MAY BE REVIEWED UPON REQUEST.

CUSTOMER ORDER: C139228 CUSTOMER P.O.: 4500053148 SHIPPER/INVOICE: N/A

<u>ITEMS</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>REV</u>	<u>QTY</u>	<u>SERIAL NUMBER</u>
1	73200-200	Turbo-Fan Engine, FJ44-4A	F	1	211155

REMARKS:

DATE OF EXECUTION: 30, Sep 2011

SIGNATURE OF WILLIAMS INTERNATIONAL REPRESENTATIVE:



TITLE OF WILLIAMS INTERNATIONAL REPRESENTATIVE:

Quality Assurance, Assembly & Test, Ogden

AUTHORIZED CUSTOMER REPRESENTATIVE SIGNATURE & DATE:

N/A

FJ44-4A TURBOFAN ENGINE
ACCEPTANCE TEST PERFORMANCE SUMMARY
IN ACCORDANCE WITH DOCUMENT 113450 Rev. C
WILLIAMS INTERNATIONAL CO., L.L.C.

Eng P/N: 73200-200	Eng S/N: 211155	Eng Bld: 1	Test Date: 09/28/2011
ATRC Ver: CP419.00	Date: 1/1/10	Thrust Tare: 0.488	Test Cell: 05
CFG Ver: CP384.00.05.00	Date: 10/12/2009	Pc1: 1.9912	Oil Type: M J 2
Acq Ver: CP318.01	Date: 05/08/2009	Pc2: 2.0117	Exh Noz: EO111416-71 NC
Inlet: TL-107803 FJ44-4	Inlet Cd: 0.962	Inlet Dia: 22.708	SPLHV: 18400
Fuel Type: OG TANK 4	Spec Grav: 0.7885	Temp Slope: 0.0004080	LHV: 18608
Dir: FJ44-4A_CP384/110928144714			

Trim Summary

N1 Trim Value	84
N1 Trim Speed (SLS, 79F Dry Day, Uninst)	16395 rpm
ITT Trim Value	0

Performance at Trim Speed (Referred to Sea Level Static, 79F Dry Day, Uninstalled)

PARAMETER	ACTUAL	ALLOWABLE	DEVIATION
FN	3655 lbf	3640 (min)	0
		3720 (max)	
Trimmed ITT	1919 R	1955 (max)	0
N2	36230 rpm	N/A	N/A

Performance at 3621 lbf Rated Thrust (Referred to Sea Level Static, 79F Dry Day, Uninstalled)

PARAMETER	ACTUAL	ALLOWABLE	DEVIATION
SFC	0.504 lbm/hr/lbf	0.506 (max)	0.000

Ground Idle Thrust (Referred to Sea Level Static, 79F Dry Day, Uninstalled)

PARAMETER	ACTUAL	ALLOWABLE	DEVIATION
Idle Thrust	153.7 lbf	186.7 (max)	0.0
Referred N2	20216 rpm	N/A	N/A

Acceleration Time (Flight Idle to Take-Off Thrust)

PARAMETER	ACTUAL	MAX ALLOWABLE	DEVIATION
Time (Corr. to STD)	5.5 seconds	5.7 (fig A3)	0.0
TT2	67.0 F	N/A	N/A
PT2	12.6 PSIA	N/A	N/A

Mechanical Systems Performance (Steady-State)

PARAMETER	ACTUAL	ALLOWABLE	DEVIATION
Max Main Oil Temp	168.2 F	275.0	0.0
Min Main Oil Press	38.9 psig	30.0	0.0
Max Main Oil Press	70.7 psig	120.0	0.0

PARAMETER	ACTUAL	ALLOWABLE	DEVIATION
Oil Consumption	<u>0.007</u> gal/hr	0.031 (max)	<u>0.0</u>
Engine Dry Weight	<u>641.0</u> lb	650.0 (max)	<u>0.0</u>

Total Engine Run Time 2:27

Total Engine Cycles 12.0

Engineering  Date: 9-29-11

FJ44-4A TURBOFAN ENGINE
ACCEPTANCE TEST PERFORMANCE SUMMARY
IN ACCORDANCE WITH DOCUMENT 113450 Rev. C
WILLIAMS INTERNATIONAL CO., L.L.C.

Eng P/N: 73200-200	Eng S/N: 211155	Eng Bld: 1	Test Date: 09/28/2011
ATRC Ver: CP419.00	Date: 1/1/10	Thrust Tare: N/A	Test Cell: O5
CFG Ver: CP384.00.05.00	Date: 10/12/2009	Pc1: 1.9912	Oil Type: M J 2
Acq Ver: CP318.01	Date: 05/08/2009	Pc2: 2.0117	Exh Noz: EO111416-71 NC
Inlet: TL-107803 FJ44-4	Inlet Cd: 0.962	Inlet Dia: 22.708	SPLHV: 18400
Fuel Type: OG TANK 4	Spec Grav: 0.7885	Temp Slope: 0.0004080	LHV: 18608
Dir: FJ44-4A_CP384/110928144714			

VIBRATION SURVEY (PEAK LEVELS)

PARAMETER	ACTUAL	MAX ALLOWABLE	DEVIATION
Max 1E HP rad vib	0.74 ips @ 31.653 krpm	1.10	0.00
Max 1E LP rad vib	0.25 ips 15.244 krpm	0.25	0.00

Engineering  Date: 9/29/11

FJ44-4A TURBOFAN ENGINE
ACCEPTANCE TEST PERFORMANCE SUMMARY
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Dir: FJ44-4A_CP384/110928144714			

PARAMETER	DATA					
	6	7	8	9	10	11
Data Point Number						
Percent N1TO	24.47	81.88	87.90	93.30	97.04	99.56
Power Lever Angle	14.45	41.54	47.46	53.45	71.51	77.06
Referred N1 Speed	4079	13655	14675	15579	16179	16606
Referred N2 Speed	20216	33809	34688	35478	36027	36426
Referred Thrust	153.7	2200.0	2668.0	3149.0	3512.6	3796.3
Referred Fuel Flow	153.6	1095.0	1320.5	1572.1	1767.5	1919.8
Referred SFC	0.999	0.498	0.495	0.499	0.503	0.506
Referred ITT (R)	1215	1681	1762	1842	1898	1941
Referred Airflow	21.0	74.5	81.8	88.6	93.4	96.7
Overall Press Ratio	2.29	13.02	15.32	17.71	19.60	21.06
Reynolds Number Index	0.84171	0.84160	0.84255	0.84269	0.84096	0.84133
Specific Humidity	0.00699	0.00700	0.00700	0.00707	0.00705	0.00706
Theta Referred to 79 F	0.97776	0.97707	0.97598	0.97577	0.97729	0.97688
Delta	0.85788	0.85702	0.85679	0.85671	0.85660	0.85653
Net Thrust (lbf)	131.8	1885.5	2286.0	2697.8	3008.9	3251.6
Average Fuel Flow (lb/hr)	129.7	923.6	1112.7	1324.6	1490.5	1618.3
Air Flow (lbm/sec)	18.2	64.4	70.8	76.6	80.7	83.6
CDP (psia)	28.9	164.0	192.9	223.0	246.7	265.1
N1 Speed (rpm)	4039	13517	14519	15412	16017	16437
N2 Speed (rpm)	19990	33419	34269	35046	35615	36002
Inlet Temperature (F)	67.0	66.6	66.1	65.9	66.8	66.5
Fuel Temperature (F)	72.6	71.7	72.7	73.4	74.2	74.5
Dewpoint (F)	43.6	43.7	43.7	43.9	43.8	43.8
Average ITT (F)	733	1189	1266	1344	1402	1444
Inlet Delta Press. (psia)	0.076	1.038	1.281	1.542	1.745	1.903
Cell Pressure (psia)	12.607	12.595	12.591	12.590	12.589	12.588
Oil Temperature (F)	166.6	166.0	168.2	167.2	167.2	166.3
Oil Pressure (psig)	38.9	64.8	65.9	67.9	69.5	70.7
Oil Tank Pressure (psig)	7.1	14.8	16.4	18.2	19.6	20.6
Date	09/28/11	09/28/11	09/28/11	09/28/11	09/28/11	09/28/11
Time	22:59:41	23:04:16	23:09:06	23:14:07	23:19:35	23:24:07



Williams International

525C 0072
LH

ENGINE SERIAL NUMBER RECORD

P/N: 73200-200

241155

Inspector: [REDACTED]

Date: 9/30/11

<u>P/N</u>	<u>S/N</u>	<u>DESCRIPTION</u>
112000	700156	ENGINE ASSEMBLY
54831	MD0143112	SENSOR,N2 DUAL MAGNETIC SPEED
57847	GE4788	INDICATOR,FUEL FILTER,ELECT
72763	JT91575	BEARING,BALL,DEEP GROOVE
72764	JT-91072	BEARING,ROLLER
72765	BG182	PINION, BEVEL GEAR, 1ST RED
72775	MW0188	BRG,BALL SPLIT INNER RING
72778	JT90664	BEARING ASSY,ROLLER,OUTER RACE
72778	JT91099	BEARING ASSY,ROLLER,OUTER RACE
72805	WL20170	COVER, OIL TANK
72812	TX171E1	SEAL ASSY,FACE,CARBON
72815	AU20217	SUPPORT,BRG,1ST RDCN BVL GEAR
72821	FV42664	HOUSING ASSEMBLY, NO. 1 BEARING
72911	TX129E9	RUNNER, HP SHAFT SEAL, FRONT
72974	TX094E2	SEAL ASSY, RING SEAL
72976	TX137E6	SEAL ASSY, RING SEAL
72976	TX145E3	SEAL ASSY, RING SEAL
72983	AU20249	HOUSING ASSY,NOZZ,2ND LP TURB
73026	TX166E1	RUNNER,LP SHFT SEAL, FRONT
73038	AU20172	NUT, RETAINER, AXIAL CPRSR
73040	AU31024	ROTOR ASSY, LP TURBINE
73052	HW33696	2ND LPT DISC
73121	GG118	SHAFT, ACCESSORY DRIVE
73151	YYF000188	HARNESS ASSY, ITT TC
73489-700	CK1100449	MFG,OPTIONAL EXCITER (68145 or 73489)
73489-700	CK1100450	MFG,OPTIONAL EXCITER (68145 or 73489)



Williams International

ENGINE SERIAL NUMBER RECORD

P/N: 73200-200



1155

Inspector

Date:

9/30/11

<u>P/N</u>	<u>S/N</u>	<u>DESCRIPTION</u>
77581	HW33670	1ST LPT DISC
78214	CK1100558	PLUG, IGNITER
78214	CK1100570	PLUG, IGNITER
78231	MD0141486	PICKUP ASSY, DUAL MAGNETIC SPEED-LP
79023	JT-93928	BEARING, ROLLER, INNER GUIDED
79025	JT89578	#4 BEARING INNER RACE
79082	AU20043	HSG,CARB.RING & BRG RETAINER
110646	HW33959	ROTOR, FAN
110718	PP0774	COOLER,LUBE OIL
110841	BG142	GEAR,BEVEL,DAMPED 1ST RDCN
111125	HW33499	HP TURBINE DISC
111126	HW33499	ROTOR ASSY, HP TURBINE
111424	AU20160	VANE, STATOR, IP COMP,STG III
111765	BCC1BPA1159	NOZZLE ASSY, FUEL
113651	TX183E7	SEAL ASSY, FACE, CARBON
113762	AXT0100400	PT2 PRESSURE SENSOR DUAL
114520	MX21137	PUMP ASSY, LUBE AND SCAVENGE
114826	AU20163	COVER ASSY,H.P. COMPRESSOR
114839	HW33930	ROTOR, HP COMPRESSOR
114880	AU20160	SEAL ASSY, REAR, FUEL SLINGER
114944	AXT0200538	TT2 DUAL TEMP SENSOR W/ PRESS PORT
115015	KM0178	INDICATOR,LATCHING,DEL P,OIL FILTER
115052	MX20145	GEARBOX ASSY, 6K ACC DRIVE
115468	AU20199	SEAL & FUEL SLINGER ASSY
115994	AU20186	CASE ASSEMBLY,DIFFUSER
116181	AU20181	COMBUSTOR ASSEMBLY



Williams International

ENGINE SERIAL NUMBER RECORD

P/N: 73200-200

1155

Inspector

Date:

9/30/11

<u>P/N</u>	<u>S/N</u>	<u>DESCRIPTION</u>
116214	AU20172	VANE ASSY, IP CPRSR, STG 1 AND 2
117532	RX11TG0165	SHAFT, HIGH PRESSURE
117554	AU34621	HOUSING ASSY, INTERSTAGE
117581	CL1ATY0183	FUEL DELIVERY UNIT
118018	JT90883	BEARING, BALL, SPLIT INNER RING
118309	AU20296	HSG ASSY, NOZZLE/HEATSHIELD, 1ST LP
118431	RX11TY0161	SHAFT ASSY, COMPLETE, L.P.
119076	AU20219	FUEL MANIFOLD ASSEMBLY
119246	MX20093	CASE AND INSERT ASSEMBLY
119345	HW33641	ROTOR ASSY, IP CPRSR

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 40515	
4. Organization Name and Address: Williams International 2280 E. West Maple Road Walled Lake, MI 48390-0200 FAA Repair Station WI5R335J					5. Work Order/Contract/Invoice Number: 40515	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	TURBOFAN ENGINE	73200-200	ONE	211155	REPAIRED	
12. Remarks: The Williams International Repair Station has performed the necessary unscheduled maintenance in accordance with the FJ44-4/4A32 Maintenance Manual, Revision 17.. History on file and available for review at Williams International. For additional details, refer to the attached Repair Station Record. Certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the engine is considered ready for release to service under EASA Part 145 Approval Number: EASA.145.5019. 1) Acceptance testing is required after maintenance. Reference 71-00-00 for appropriate tests. TOTAL HOURS: 747.2 TOTAL CYCLES: 952						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): DAVID G. SANBORN		14e. Date (dd/mmm/yyyy): 27/MAY/2016	
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s) / propeller(s) / article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.						



Maintenance Transaction Record

MTR ID # 2226890

Page 1 of 1

CAMP Systems International
8200 E. 34TH STREET
BUILDING 1600, SUITE 1607
Wichita, KS 67226
Phone: 316-462-2267/ Fax: 316-462-0791



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

Airframe Entries

Eng. #1 Serial No. 211155

Eng. #2 Serial No.

APU Serial No.

Aircraft Identification and Status

Table with 13 columns: 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 Hrs. Row 1: 525C-0072, PR-VZN, 29-Nov-2013, SBJD, 310.7, 404, 310.7, 310.7, 404, 404, 0.

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Table with 12 columns: Item, Transaction No. Type, Item Name, Position, Part Number / Alternate Part, Mod Level, Part Serial, Removal Reason, Installed Part Status TSN/TSO/TSR, Material Costs, Man Hours. Contains three entries for engine assembly and front bypass duct RH boss assembly.

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

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE,

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

Repair Facility: TAM AVIAÇÃO EXECUTIVA E TÁXI AÉREO S.A. Certified Repair Station Number: CHE # 6905-1 / ANAC. Work Order No.: 78085. Work Performed By: TAM AVIAÇÃO EXECUTIVA E TÁXI AÉREO S/A. Certificate No.: CHE # 6905-01 / ANAC. Date: 29-Nov-2013. I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and Other (Specify) ANAC / BRAZIL. THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. Work Inspected By: VLADILSON SALDANHA CARDOSO. Certificate No.: [Redacted]. Date: 29-Nov-2013. Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log table with columns: Section, Page.



Maintenance Transaction Record

MTR ID # 2622942

Page 1 of 1



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

Airframe Entries

Eng. #1
Serial No. 211155

Eng. #2
Serial No. _____

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

Aircraft 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 TII Cycles	Engine 2 TII Cycles	APU Hrs	APU Events	Freon Hrs
525C-0072		PR-VZN	03-Oct-2016	KMCO	812.7	1023	812.7	812.7	1013	1013			0

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status TSN/TSO/TSR	Material Costs	Man Hours
052001	1 2	NO. 1 ENGINE - FJ44 CHECK 1								
Comments: Complied with check 1 inspection IAW the Williams Int. FJ44-4A MM ch 05-20-00										
052002	2 2	NO. 1 ENGINE - FJ44 CHECK 2								
Comments: Complied with check 2 inspection IAW the Williams Int. FJ44-4A MM ch 05-20-00										
741004	3 1	NO. 1 ENGINE - OUTBOARD IGNITOR	OUTBOARD	78214		CK 1500556	C	N 0 MTH 0 HRS		
Comments: Removed part no: 78214 Removed serial no: CK1100570. Installed new ignitor IAW the Williams FJ44-4A MM ch 74-00-10.										

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

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE

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

Repair Facility ORLANDO CITATION SERVICE CENTER Certified Repair Station Number 1106-41/ANAC Work Order No. 42605 / 44584

Work Performed By ORLANDO CITATION SERVICE CENTER Certificate No. 1106-41/ANAC Date 03-Oct-2016

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) ANAC BRAZIL and

I CERTIFY THAT THE ABOVE MAINTENANCE AND INFORMATION CONTAINED IN THE LISTED WORK ORDER WAS PERFORMED IN ACCORDANCE WITH THE CURRENT BRAZIL REPAIR STATION OPERATIONS SPECIFICATIONS CERTIFICATE NUMBER 1106-41/ANAC AND THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.

Work Inspected By BRUNO SCHEPMANS Certificate No. [REDACTED] Date 03-Oct-2016

Pertinent details of this maintenance are on file at [REDACTED] number as applicable.

Maintenance Log	
Section	Page
6	1

LOG #01 FOR LH ENGINE

CADERNETA DE MOTOR

Nº 001 / FJ44-4A / 2042

FABRICANTE: Williams MODELO: FJ44-4A N/S: 2042

LOG #1
LH ENGINE

CADERNETA DE MOTOR N° 001 / FJ44-4A / 112

TERMO DE ABERTURA

Aos 13 dias do mês de MARÇO do ano de 2012, lavra-se o presente "Termo de Abertura" desta Caderneta de Motor, contendo 151 páginas devidamente numeradas, que servirá para a escrituração de todos os serviços de manutenção, inspeção, revisão, reparo, instalação e remoção de componentes, incorporação de Diretrizes de Aeronavegabilidade, de modificações e de reparos no motor abaixo identificado, instalado atualmente na aeronave de marcas PR-VZN:

Fabricante: Williams Modelo: FJ44-4A N/S: 201155 *Ins*
 TSN: 23,0H CSN: 15 P Ano de Fabricação: 30-SEP-2011
 TSO: — CSO: — Tempo desde HSI: —
 Proprietário: AERO RIO TAXI AEREO Operador: O MESMO
 Observações: —

Rio de Janeiro, 13 de Maio de 2012
 Local e Data

[Redacted Signature]
 Nome e Assinatura do Responsável pelo Termo de Abertura

CADERNETA DE MOTOR Nº 001 / FJ44-4A - 112 Nº SÉRIE 211155

PARTE I - REGISTROS MENSAIS DE UTILIZAÇÃO

CONTROLE MENSAL			CONTROLE TOTAL				CONTROLE MENSAL			CONTROLE TOTAL			
MÊS/ANO	HORAS	CICLOS	TSN CSN	TSO CSO	CÓDIGO DAC	RUBRICA	MÊS/ANO	HORAS	CICLOS	TSN CSN	TSO CSO	CÓDIGO DAC	RUBRICA
	TRANSPORTE →		23,0 15	15 -	122199	⊗	2013	TRANSPORTE →	168,8 235	- -	- -	122199	⊗
04/12	6,6	12	29,6 27	- -	122199	⊗	03/13	23,7	16	192,5 251	- -	122199	⊗
05/12	4,8	9	34,4 36	- -	122199	⊗	04/13	19,2	25	211,7 276	- -	122199	⊗
06/12	7,4	13	41,8 49	- -	122199	⊗	05/13	16,4	19	228,1 295	- -	122199	⊗
07/12	22,5	29	64,3 78	- -	122199	⊗	06/13	26,4	30	254,5 325	- -	122199	⊗
08/12	20,2	39	84,5 117	- -	122199	⊗	07/13	10,4	14	265,8 339	- -	122199	⊗
09/12	6,7	12	91,2 129	- -	122199	⊗	08/13	24,7	34	289,7 373	- -	122199	⊗
10/12	13,4	24	104,6 153	- -	122199	⊗	09/13	11,3	18	301,0 391	- -	122199	⊗
11/12	15,4	22	120,0 175	- -	122199	⊗	10/13	4,2	7	305,2 398	- -	122199	⊗
12/12	24,7	31	144,7 206	- -	122199	⊗	11/13	6,8	7	311,8 405	- -	122199	⊗
1/13	17,5	16	162,2 222	- -	122199	⊗	12/13	8,7	12	320,2 417	- -	122199	⊗
2/13	6,6	13	168,8 235	- -	122199	⊗	01/14	19,1	13	339,3 430	- -	122199	⊗

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CADERNETA DE MOTOR Nº 001 / PJ44-4A / 12

Nº SÉRIE 211155

PARTE I - REGISTROS MENSIS DE UTILIZAÇÃO

CONTROLE MENSAL			CONTROLE TOTAL				CONTROLE MENSAL			CONTROLE TOTAL			
MÊS/ANO	HORAS	CICLOS	TSN CSN	TSO CSO	CÓDIGO DAC	RUBRICA	MÊS/ANO	HORAS	CICLOS	TSN CSN	TSO CSO	CÓDIGO DAC	RUBRICA
	TRANSPORTE →		339.3	430.				TRANSPORTE →		519.4	670.		
02/14	18,3	22	351.8	447.			01/15	11,3	6	525.4	676.		
03/14	19,5	25	370.8	472.			02/15	11,0	14	536.4	690.		
04/14	16,8	22	387,6	494.			03/15	5,6	10	542,0	700.		
05/14	24,6	31	412,3	525.			/						
06/14	7,6	11	419,8	536.			/						
07/14	29,5	25	440,3	561.			/						
08/14	4,9	10	445,2	571.			/						
09/14	25,8	36	471.	607.			/						
10/14	16,7	28	487,7	635.			/						
11/14	5,5	9					/						
12/14	20,9	26					/						

CADERNETA DE MOTOR N° _____ / _____ / _____

N° SÉRIE _____

PARTE II - REGISTROS PRIMÁRIOS DE MANUTENÇÃO, INSPEÇÃO, REVISÃO, PEQUENAS MODIFICAÇÕES E PEQUENOS REPAROS

DATA DD/MM/AA	TSN CSN	TSO CSO	REGISTROS DOS SERVIÇOS REALIZADOS	CERTIFICADO A EXECUÇÃO E A AERONAVEGABILIDADE (seções 43.9 e 43.11 do RBHA 43)		
				CHE / CHETA	NOME CÓDIGO DAC / ASSINATURA	
					MECÂNICO	INSPECTOR
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TAM AVIAÇÃO EXECUTIVA				TAM Aviação Executiva e Táxi Aéreo S/A Aeroporto Cmte. Rolim A. Amaro - Jundiaí/SP REGISTRO DE O.S. PROC-QUAL-005/RR-27/00				CHE N° 6905-01/ANAC FAA QL4Y476M DNA 1-B-239 DGAC E-371	
MATRICULA (Reg. Number):	PR-VZN	FABRICANTE (Manuf):	WILLIAMS	MODELO (Model):	FJ44-4A				
N° DE SÉRIE (SN):	211156	INÍCIO (FROM):	28/11/2012	TÉRMINO (TO):	30/11/2012				
HRS TT (TSN)	119,2	CC TT (CSN)	174	HRS P-REV (TSO)	NOVO	CLS P-REV. (CSO)	NOVO		
Serviços Executados sob OS (Items accomplished under WO):				75514					
Efetuado Giro no Motor, conforme MM FJ44-4A cap. 71-00-00 rev. 6. Performed Engine Gyro, I.A.W. MM FJ44-4A chapter 71-00-00 rev. 6.									
 MANOEL JOSÉ B. DO NASCIMENTO INSPECTOR DE MANUTENÇÃO									
<small>Certificamos que este MOTOR foi inspecionado/reparado de acordo com os itens acima descritos e foi considerada em condições aeronavegáveis. (We certify that ENGINE was inspected/repared I.A.W. above items and it was determined to be in worthy condition).</small>									

018/151

CADERNETA DE MOTOR Nº _____ / _____ / _____

Nº SÉRIE _____

PARTE II - REGISTROS PRIMÁRIOS DE MANUTENÇÃO, INSPEÇÃO, REVISÃO, PEQUENAS MODIFICAÇÕES E PEQUENOS REPAROS

DATA	TSN	TSO	CERTIFICO A EXECUÇÃO E A AERONAVEGABILIDADE							
DD/MA	/		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div> <p>AERO RIO TAXI AEREO LTDA AV. DAS AMÉRICAS No. 13750 CEP: 22790-702 - RIO DE JANEIRO - RJ TEL: 55 21 3326-3968 / FAX: 55 21 33260366</p> </div> </div>							
/			EXECUÇÃO DE IAM							
/			NÚMERO DO CHE/CHETA: 2011-01-0-CEE-01-01			CÓDIGO DA EMPRESA: N/A				
/			MARCAS: PR-VZN		FABRICANTE: CESSNA		MODELO: 525C			
/			Nº DE SÉRIE: 525C-0072		ANO DE FABRICAÇÃO: 2012		CAT. REGISTRO: TPX			
/			HORAS TOTAIS: 360.4		POUSOS TOTAIS: 456		TIPO DA INSPEÇÃO: IAM			
/			VALIDADE DA IAM: 13/03/2015		VALIDADE DO CA: 20/03/2018		VALIDADE LIC. EST.: 14/12/2016			
/			COMPONENTE	FABRICANTE	MODELO	Nº DE SÉRIE	TSN	CSN	TSO	CSO
/			MOTOR 1	WILLIAMS	FJ44-4A	211155	360.4	456	N/A	N/A
/			MOTOR 2	WILLIAMS	FJ44-4A	211156	360.4	456	N/A	N/A
/			<p>Certifico, para todos os fins, que nesta data foi concluída a Inspeção Anual de Manutenção (IAM) na aeronave acima identificada, tendo sido a mesma liberada para o retorno ao serviço, por terem sido verificados e encontrados em ordem e em dia todos os requisitos aplicáveis da regulamentação em vigor, em particular o atendimento ao programa de manutenção aprovado/aceito, o adequado cumprimento das Diretrizes de Aeronavegabilidade, a conformidade com o projeto de tipo aprovado/validado no Brasil, a disponibilidade e o bom estado de conservação da documentação de porte obrigatório a bordo. Detalhes arquivados nesta empresa sob O.S.# VZN-006-2014.</p> <p>O acima exposto é a expressão da verdade.</p>							
/			LOCAL: RIO DE JANEIRO - RJ			DATA: 13/03/2014		VALIDADE DA IAM: 13/03/2015		
/			1) Nome do responsável pela execução e código DAC/CREA:				Assinatura:			
/			RICARDO LUSQUINOS PEREZ							
/			2) Nome do responsável pela inspeção e código DAC/CREA:							
/			ERLAINE DE SOUZA MACHADO							

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CADERNETA DE MOTOR N° / / N° SÉRIE
 PARTE II - REGISTROS PRIMÁRIOS DE MANUTENÇÃO, INSPEÇÃO, REVISÃO, PEQUENAS MODIFICAÇÕES E PEQUENOS REPAROS



CESCOM

Maintenance Transaction Record

MTR ID # 2360976

Page 1 of 1

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

Airframe Entries

Eng. #1 Serial No. 211155

Eng. #2 Serial No.

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

Aircraft 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 TII Cycles	Engine 2 TII Cycles	APU Hrs	APU Events	Freeon Hrs
525C-0072		PR-VZN	19-Nov-2014	SBJD	488.8	637	488.8	488.8	637	637			0

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status TSN/TSO/TSR	Material Costs	Man Hours
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051200A	1 2	NO. 1 ENGINE - FJ44 CHECK 1								
Comments: Performed Check 1, I.A.W. Williams International LMM FJ44-4A P/N 110990 Rev. 12.										
051204	2 2	NO. 1 ENGINE - FJ44 CHECK 2								
Comments: Performed Check 2, I.A.W. Williams International LMM FJ44-4A P/N 110990 Rev. 12.										
792010	3 2	NO. 1 ENGINE - REMOVE OIL FILTER AND SUBMIT FOR ANALYSIS								
Comments: Performed Removal of the Engine Oil Filter and submitted it for analysis (SOAP), I.A.W. Williams International LMM FJ44-4A P/N 110990 Rev. 12 Chapter 72-00-05.										
792015	4 2	NO. 1 ENGINE - INSTALL NEW OIL FILTER								
Comments: Replaced Oil Filter. Installed P/N 119281 (New - FORM 8130-3 # 4232580 Cessna Aircraft Company on May/27/2014), I.A.W. Williams International LMM FJ44-4A P/N 110990 Rev. 12, Chapter 79-21-01.										
731025	5 2	NO. 1 ENGINE - CHANGE FUEL PUMP FILTER AND INSPECT FUEL IN FILTER BOWL FOR A DARK APPEARANCE								
Comments: Replaced Fuel Filter. Installed P/N 120901 (New - FORM 8130-3 # 4382012 issued by Cessna Aircraft Company on Oct/16/2014), I.A.W. Williams International LMM FJ44-4A P/N 110990 Rev. 12, Chapter 73-14-01.										
792025	6 2	NO. 1 ENGINE - CHANGE OIL								
Comments: Performed Change Oil I.A.W Williams International LMM FJ44-4A P/N 110990 Rev. 12, Chapter 72-00-03.										
731010	7 2	NO. 1 ENGINE - VISUALLY INSPECT AND CLEAN FUEL START NOZZLE AND START NOZZLE ADAPTER								
Comments: Removed and Reinstalled Fuel Nozzle Assy P/N 111765 S/N BCC-1BPA1159, I.A.W. Williams International LMM FJ44-4A P/N 110990 Rev. 12, Chapter 73-12-01 after submitted to Cleaning, Inspection and Functional Check according to SEGVOD 003 # MRL-OF-MT 3940/14 issued by TAM Aviação Executiva e Taxi Aereo S.A on Nov/1/2014.										

Trans. Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - - Misc. Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, D - LOANER, E - SCHEDULING CONVI, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TABLE SHOOT, T - DAMAGED, U - UNKNOWN Installed Part Status: N - New, R - Replaced/Rebuilt, S - Serviceable, O - Overhauled

Repair Facility **TAM AVIACAO EXECUTIVA E TAXI AEREO SA** Certified Repair Station Number **CHE # 6905-1 / ANAC** Work Order No. **80334**

Work Performed By **TAM AVIACAO EXECUTIVA E TAXI AEREO SA** Certificate No. **CHE # 6905-1 / ANAC** Date **19-Nov-2014**

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) **ANAC / BRAZIL** and

THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.

Work Inspected By **FRANCISCO JOSE MACHADO LU** Certificate No. **[REDACTED]** Date **19-Nov-2014**

Pertinent details of this maintenance are on file at our facility under the above Work Service Order Number as applicable.

Maintenance Log	
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CADERNETA DE MOTOR Nº _____ / _____ / _____

Nº SÉRIE _____

PARTE II - REGISTROS PRIMÁRIOS DE MANUTENÇÃO, INSPEÇÃO, REVISÃO, PEQUENAS MODIFICAÇÕES E PEQUENOS REPAROS

DATA

CERTIFICADO DE EXECUÇÃO E APROVAÇÃO

DD/M



AERO RIO TAXI AEREO LTDA
 AV. DAS AMÉRICAS No. 13750
 CEP: 22790-702 - RIO DE JANEIRO - RJ
 TEL: 55 21 3326-3968 / FAX: 55 21 33260366

EXECUÇÃO DE IAM

NÚMERO DO CHE/CHETA: 2011-01-0-CEE-01-01

CÓDIGO DA EMPRESA: N/A

MARCAS: PR-VZN

FABRICANTE: CESSNA

MODELO: 525C

Nº DE SÉRIE: 525C-0072

ANO DE FABRICAÇÃO: 2012

CAT. REGISTRO: TPX

HORAS TOTAIS: 170.5

POUSOS TOTAIS: 238

TIPO DA INSPEÇÃO: IAM

VALIDADE DA IAM: 13/03/2014

VALIDADE DO CA: 20/03/2018

VALIDADE LIC. EST.: 14/12/2016

COMPONENTE	FABRICANTE	MODELO	Nº DE SÉRIE	TSN	CSN	TSO	CSO
MOTOR 1	WILLIAMS	FJ44-4A	211155	107.5	238	N/A	N/A
MOTOR 2	WILLIAMS	FJ44-4A	211156	107.5	238	N/A	N/A

Certifico, para todos os fins, que nesta data foi concluída a Inspeção Anual de Manutenção (IAM) na aeronave acima identificada, tendo sido a mesma liberada para o retorno ao serviço, por terem sido verificados e encontrados em ordem e em dia todos os requisitos aplicáveis da regulamentação em vigor, em particular o atendimento ao programa de manutenção aprovado/aceito, o adequado cumprimento das Diretrizes de Aeronavegabilidade, a conformidade com o projeto de tipo aprovado/validado no Brasil, a disponibilidade e o bom estado de conservação da documentação de porte obrigatório a bordo. Detalhes arquivados nesta empresa sob O.S.# VZN-006-2013.

O acima exposto é a expressão da verdade.

LOCAL: RIO DE JANEIRO - RJ

DATA: 13/03/2013

VALIDADE DA IAM: 13/03/2014

1) Nome do responsável pela execução e código DAC/CREA:
RICARDO LUSQUINOS PEREZ

2) Nome do responsável pela inspeção e código DAC/CREA:
ERLAINE DE SOUZA MACHADO

Assinatura:

CADERN
PARTE II - R

A/C Serial #
525C-0072

Item

FJ44-72-117 R2
PARA (C)1

FJ44-73-052 R3

Trans. Type: 1 - Cargo

Repair Facility TAM A

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CADERNETA DE MOTOR Nº _____ / _____ / _____ Nº SÉRIE _____

PARTE II - REGISTROS PRIMÁRIOS DE MANUTENÇÃO, INSPEÇÃO, REVISÃO, PEQUENAS MODIFICAÇÕES E PEQUENOS REPAROS



CESCOM

Maintenance Transaction Record

MTR ID # 2360993
Page 1 of 1

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

Airframe Entries
 Eng. #1 Serial No. 211155
 Eng. #2 Serial No.
 APU Serial No.

CAMP Systems International
8200 E. 34TH STREET
BUILDING 1600, SUITE 1607
Wichita, KS 67226
Phone: 316-462-3267 / Fax: 316-462-0791

Aircraft 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 TI Cycles	Engine 2 TI Cycles	APU Hrs	APU Events	Freon Hrs
525C-0072		PR-VZN	19-Nov-2014	SBJD	488.8	637	488.8	488.8	637	637			0

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status	TSN/TSO/TSR	Material Costs	Man Hours
FJ44-72-117 R2 PARA (C)(1)	1	3	NO. 1 ENGINE - REPETITIVE 1ST LP HEATSHIELD/NOZZLE HOUSING ASSEMBLY - REPETITIVE INSPECTION, SERVICE BULLETIN INSPECTION Comments: Accomplished SBFJ44-72-117 R2 - Repetitive 1 ST LP Heat Shield / Nozzle Housing Assembly - Repetitive Inspection - Performed Inspection I.A.W. Paragraph 2(c).									/
FJ44-73-052 R3	2	3	NO. 1 ENGINE - OIL COOLER TO FDU FUEL TUBE ASSEMBLY AND ATTACHING HARDWARE - REPLACE, SERVICE BULLETIN Comments: This SBF44-73-052 R3 is applicable. Accomplished SBF44-73-052 R3, I.A.W. paragraph 02 of this SB. Installed Kit SBF44-73-052 (New) - FAA Form 8130-3 # 4280997, issued by Cessna Aircraft Company, dated Jul/11/2014. Installed FDU Fuel Tube PIN 122734 (New) - FAA Form 8130-3 # 400165901, issued by Williams International, dated Feb/05/2014.									/

Trans. Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc. Removal Reason: A - TIME EXPIRED, B - FAILURE, C - WORK, D - LOWER, E - SCHEDULING CONW, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TABLE SHOOT, T - DAMAGED, U - UNKNOWN Installed Part Status: N - New, R - Replaced/Rebuilt, S - Serviceable, O - Overhaul

Repair Facility: TAM AVIACAO EXECUTIVA E TAXI AEREO SA Certified Repair Station Number: CHE # 6905-1 / AMAC Work Order No.: 80334
 Work Performed By: TAM AVIACAO EXECUTIVA E TAXI AEREO SA Certificate No.: CHE # 6905-1 / ANAC Date: 19-Nov-2014
 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) ANAC / BRAZIL and
 THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.
 Work Inspected By: FRANCISCO JOSE MACHADO LUIZ Certificate No.: [Redacted] Date: 19-Nov-2014
 Pertinent details of this maintenance are on file at our facility under the above Work Service Order Number as applicable.

Maintenance Log	
Section	Page
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CADERNETA DE MOTOR Nº _____ / _____ / _____ Nº SÉRIE _____
 PARTE II - REGISTROS PRIMÁRIOS DE MANUTENÇÃO, INSPEÇÃO, REVISÃO, PEQUENAS MODIFICAÇÕES E PEQUENOS REPAROS

DATA _____ TSN _____ TAO _____ CERTIFICADO A EXECUÇÃO E A AERONAVEGABILIDADE

AERORIO
 táxi aéreo

AERO RIO TAXI AEREO LTDA
 AV. DAS AMÉRICAS No. 13750
 CEP: 22790-702 - RIO DE JANEIRO - RJ
 TEL: 55 21 3326-3968 / FAX: 55 21 33260366

EXECUÇÃO DE IAM

NÚMERO DO CHE/CHETA: 2011-01-0-CEE-01-01 CÓDIGO DA EMPRESA: N/A
 MARCAS: PR-VZN FABRICANTE: CESSNA MODELO: 525C
 Nº DE SÉRIE: 525C-0072 ANO DE FABRICAÇÃO: 2012 CAT. REGISTRO: TPX
 HORAS TOTAIS: 542.0 POUSOS TOTAIS: 700 TIPO DA INSPEÇÃO: IAM
 VALIDADE DA IAM: 10/03/2016 VALIDADE DO CA: 20/03/2018 VALIDADE LIC. EST.: 14/12/2016

COMPONENTE	FABRICANTE	MODELO	Nº DE SÉRIE	TSN	CSN	TSO	CSO
MOTOR 1	WILLIAMS	FJ44-4A	211155	542.0	700	N/A	N/A
MOTOR 2	WILLIAMS	FJ44-4A	211156	542.0	700	N/A	N/A

Certifico, para todos os fins, que nesta data foi concluída a Inspeção Anual de Manutenção (IAM) na aeronave acima identificada, tendo sido a mesma liberada para o retorno ao serviço, por terem sido verificados e encontrados em ordem e em dia todos os requisitos aplicáveis da regulamentação em vigor, em particular o atendimento ao programa de manutenção aprovado/aceito, o adequado cumprimento das Diretrizes de Aeronavegabilidade, a conformidade com o projeto de tipo aprovado/validado no Brasil, a disponibilidade e o bom estado de conservação da documentação de porte obrigatório a bordo. Detalhes arquivados nesta empresa sob O.S.# VZN-009-2015.
 O acima exposto é a expressão da verdade.

LOCAL: RIO DE JANEIRO - RJ DATA: 10/03/2015 VALIDADE DA IAM: 10/03/2016

1) Nome do responsável pela execução e código DAC/CREA:
RICARDO LUSQUINOS PEREZ

Assinatura: _____

2) Nome do responsável pela inspeção e código DAC/CREA:
ERLAINE DE SOUZA MACHADO

Assinatura: _____

CADE
 PARTE II

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CADERNETA DE MOTOR Nº 01 / FJ44-4A / 12

TERMO DE ENCERRAMENTO

Aos 09 dias do mês de MARÇO do ano de 2015, lavra-se o presente "Termo de Encerramento" desta Caderneta de Motor, que serviu para a escrituração de todos os registros de manutenção, inspeção, modificações, reparos, instalação e remoção de componentes do motor abaixo identificado, que atualmente se encontra instalado na aeronave de marcas PR - VZN:

Fabricante: WILLIAMS INTERNAT. Modelo: FJ44-4A N/S: 211155

TSN: 542,0 CSN: 700 Ano de Fabricação: 2012


TSO: — CSO: — Tempo desde HSI: —

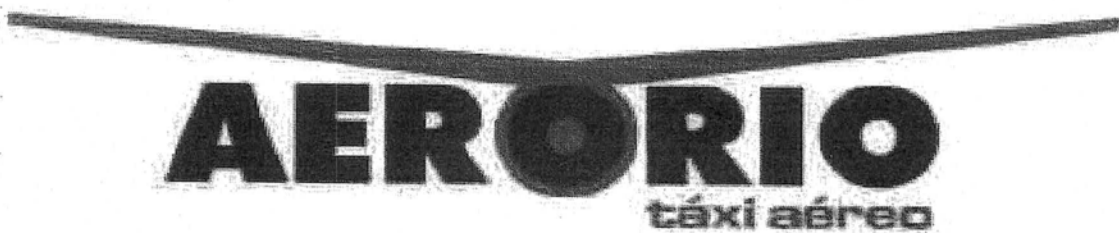
Proprietário: AEROP RIO TAXI AEREO Operador: AEROP RIO TAXI AEREO

Observações: _____

RIO DE JANEIRO, 09-MAR-2015

Local e Data


Nome e Assinatura do Responsável pelo Termo de Abertura



AERORIO
taxi aéreo

525C-0072

PR-VZN

LH ENGINE LOG BOOK

S/N 211155

VOL #2



Maintenance Transaction Record

MTR ID # 2498469

Page 1 of 1



Airframe Entries

Eng. #1
Serial No. 211155

Eng. #2
Serial No. _____

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

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

Aircraft 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 Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
525C-0072		PR-VZN	12-Nov-2015	SBJD	644.8	857	644.8	644.8	854	854			0

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status TSN/TSO/TSR	Material Costs	Man Hours
FJ44-73-045	1 3	NO. 1 ENGINE - ENGINE FUEL AND CONTROL - FUEL DELIVERY UNIT - REPLACE, SERVICE BULLETIN								
Comments: This SB is applicable. Accomplished SB FJ44-73-045 R01 (Fuel Delivery Unit - Replace) on Engine LH in accordance with as instructions SB. Replaced Fuel Delivery Unit, I.A.W Service Bulletin FJ44-73-045. Removed PN 117581 SN CL1ATY0183 installed PN 122735 SN CL0ATY0086 (Repaired) FORM 8130-3 # 14699.01 dated Jun 17/2015 issued by Triumph Engine Control Systems.										
FJ44-73-045 R1	2 3	NO. 1 ENGINE - ENGINE FUEL AND CONTROL - FUEL DELIVERY UNIT - REPLACE, SERVICE BULLETIN								
Comments: This SB is applicable. Accomplished SB FJ44-73-045 R01 (Fuel Delivery Unit - Replace) on Engine LH in accordance with as instructions SB. Replaced Fuel Delivery Unit, I.A.W Service Bulletin FJ44-73-045. Removed PN 117581 SN CL1ATY0183 installed PN 122735 SN CL0ATY0086 (Repaired) FORM 8130-3 # 14699.01 dated Jun 17/2015 issued by Triumph Engine Control Systems.										
FJ44-73-045 R2	3 3	NO. 1 ENGINE - ENGINE FUEL AND CONTROL - FUEL DELIVERY UNIT - REPLACE, SERVICE BULLETIN								
Comments: This SB is applicable. Accomplished SB FJ44-73-045 R01 (Fuel Delivery Unit - Replace) on Engine LH in accordance with as instructions SB. Replaced Fuel Delivery Unit, I.A.W Service Bulletin FJ44-73-045. Removed PN 117581 SN CL1ATY0183 installed PN 122735 SN CL0ATY0086 (Repaired) FORM 8130-3 # 14699.01 dated Jun 17/2015 issued by Triumph Engine Control Systems.										

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

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

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

Repair Facility	TAM AVIAÇÃO EXECUTIVA E TAXI AEREO S.A	Certified Repair Station Number	COM # 6905-1 / ANAC	Work Order No.	82304
Work Performed By	TAM AVIAÇÃO EXECUTIVA E TAXI AEREO S.A	Certificate No.	COM # 6905-1 / ANAC	Date	12-Nov-2015
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the					
<input type="checkbox"/> Federal Aviation Administration		<input checked="" type="checkbox"/> Other (Specify) ANAC BRAZIL		and	
THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.					
Work Inspected By	FRANCISCO JOSE MACHADO LUCAS	Certificate No.	[REDACTED]	Date	12-Nov-2015
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

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Maintenance Transaction Record

MTR ID # 2498490

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

Airframe Entries

Eng. #1 Serial No. 211155

Eng. #2 Serial No.

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

Aircraft 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 Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Frebn Hrs
525C-0072		PR-VZN	12-Nov-2015	SBJD	644.8	857	644.8	644.8	854	854			0

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status TSN/TSO/TSR	Material Costs	Man Hours
732101	1 1	NO. 1 ENGINE - FUEL DELIVERY UNIT		122735		CL0ATY0086	K	R		
Comments: Replaced Fuel Delivery Unit, I.A.W Service Bulletin FJ44-73-045. Removed PN 117581 SN CL1ATY0183 installed PN 122735 SN CL0ATY0086 (Repaired) FORM 8130-3 # 14699.01 dated Jun 17/2015 issued by Triumph Engine Control Systems.										

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

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

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

Repair Facility TAM AVIAÇÃO EXECUTIVA E TAXI AEREO S.A Certified Repair Station Number COM # 6905-1 / ANAC Work Order No. 82304

Work Performed By TAM AVIAÇÃO EXECUTIVA E TAXI AEREO S.A Certificate No. COM # 6905-1 / ANAC Date 12-Nov-2015

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) ANAC BRAZIL and

THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.

Work Inspected By FRANCISCO JOSE MACHADO LUCA Certificate No. [REDACTED] Date 12-Nov-2015

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

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Maintenance Transaction Record

MTR ID # 2517341

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Airframe Entries

Eng. #1 Serial No. 211155

Eng. #2 Serial No. _____

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

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

Aircraft 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 Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
525C-0072		PR-VZN	22-Dec-2015	SBJD	664.1	879	664.1	664.1	876	876			0

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status TSN/TSO/TSR	Material Costs	Man Hours
057103	1 2	L/H ENGINE COMPRESSOR INTERNAL WASH	L/H							
Comments: Performed Compressor Wash on Engine LH, I.A.W EMM Williams International FJ44-4A PN 110990 Rev. 15.										

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

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE, L - ENGINE CHANGE, M - TIRE CHANGE, S - SWAP/TRBLE SHOOT, T - DAMAGED, U - UNKNOWN

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

Repair Facility TAM AVIAÇÃO EXECUTIVA E TAXI AEREO S.A Certified Repair Station Number COM # 6905-1 / ANAC Work Order No. 82485

Work Performed By TAM AVIAÇÃO EXECUTIVA E TAXI AEREO S.A Certificate No. COM # 6905-1 / ANAC Date 22-Dec-2015

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) ANAC BRAZIL and

THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.

Work Inspected By VLADILSON SALDANHA CARDOS Certificate No. [REDACTED] Date 22-Dec-2015

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log	
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AERO RIO TAXI AEREO LTDA
AV. DAS AMÉRICAS No. 13750
CEP: 22790-702 - RIO DE JANEIRO - RJ
TEL: 55 21 3326-3968 / FAX: 55 21 33260366

EXECUÇÃO DE IAM

NÚMERO DO CHE/CHETA: 2011-01-0-CEE-01-01		CÓDIGO DA EMPRESA: N/A	
MARCAS: PR-VZN	FABRICANTE: TEXTRON AVIATION INC	MODELO: 525C	
Nº DE SÉRIE: 525C-0072	ANO DE FABRICAÇÃO: 2012	CAT. REGISTRO: TPX	
HORAS TOTAIS: 681.1	POUSOS TOTAIS: 900	TIPO DA INSPEÇÃO: IAM	
VALIDADE DA IAM: 10/03/2017	VALIDADE DO CA: 20/03/2018	VALIDADE LIC. EST.: 14/12/2016	

COMPONENTE	FABRICANTE	MODELO	Nº DE SÉRIE	TSN	CSN	TSO	CSO
MOTOR 1	WILLIAMS	FJ44-4A	211155	681.1	900	N/A	N/A
MOTOR 2	WILLIAMS	FJ44-4A	211156	684.1	900	N/A	N/A

Certifico, para todos os fins, que nesta data foi concluída a Inspeção Anual de Manutenção (IAM) na aeronave acima identificada, tendo sido a mesma liberada para o retorno ao serviço, por terem sido verificados e encontrados em ordem e em dia todos os requisitos aplicáveis da regulamentação em vigor, em particular o atendimento ao programa de manutenção aprovado/aceito, o adequado cumprimento das Diretrizes de Aeronavegabilidade, a conformidade com o projeto de tipo aprovado/validado no Brasil, a disponibilidade e o bom estado de conservação da documentação de porte obrigatório a bordo. Detalhes arquivados nesta empresa sob O.S.# VZN-006-2016.
O acima exposto é a expressão da verdade.

LOCAL: RIO DE JANEIRO - RJ	DATA: 10/03/2016	VALIDADE DA IAM: 10/03/2017
1) Nome do responsável pela execução e código DAC/CREA: RICARDO LUSQUINOS PEREZ	Assinatura:	
2) Nome do responsável pela inspeção e código DAC/CREA: ERLAINE DE SOUZA MACHADO	Assinatura:	



MTR ID # 2580253 Replaces MTR ID # 2574210

Maintenance Transaction Record

Page 1 of 1

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

 Airframe Entries Eng. #1
Serial No. 211155 Eng. #2
Serial No. _____ 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

Aircraft 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 Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
525C-0072		PR-VZN	30-May-2016	KMCO	747.2	961	747.2		952				0

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status TSN/TSO/TSR	Material Costs	Man Hours
052001	1 2	NO. 1 ENGINE - FJ44 CHECK 1 Comments: Complied with check 1 Inspection IAW Williams International FJ44-4A MM 05-20-00. Operational and leak checks good.								
710010	2 2	NO. 1 ENGINE - INTERROGATE FADEC FOR FAULTS USING EMT Comments: Performed FADEC Interrogation with no faults found IAW Williams International FJ44-4A MM 71-00-00.								
732105	3 2	NO. 1 ENGINE - SAVE ENGINE AND FADEC DATA Comments: Performed FADEC Interrogation with no faults found IAW Williams International FJ44-4A MM 71-00-00 and sent to Williams International.								
2574210004	4 -	MAINTENANCE NOTE Comments: Performed engine acceptance test IAW Williams International FJ44-4A MM 71-00-00 in support of nozzle heat shield replacement performed by Williams International on work order 40515. Operational and leak checks good.	E**1							

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

Removal Reasons: A - TIME EXPIRED, B - FAILURE, C - WORN, D - LOANER, E - SCHEDULING CONV, G - MOD/UPGRADE, K - SERVICE.

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

Repair Facility	WICHITA CITATION SERVICE CENTER	Certified Repair Station Number	0309-01/ANAC	Work Order No.	37555
Work Performed By	WICHITA CITATION SERVICE CENTER	Certificate No.	0309-01/ANAC	Date	30-May-2016
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the					
<input type="checkbox"/> Federal Aviation Administration					
<input checked="" type="checkbox"/> Other (Specify) ANAC BRAZIL and					
I CERTIFY THAT THE ABOVE MAINTENANCE AND INFORMATION CONTAINED IN THE LISTED WORK ORDER WAS PERFORMED IN ACCORDANCE WITH THE CURRENT BRAZIL REPAIR STATION OPERATIONS SPECIFICATIONS CERTIFICATE NUMBER 0309-01/ANAC AND THE AIRCRAFT / COMPONENT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.					
Work Inspected By	LANCE SNYDER	Certificate No.		Date	30-May-2016
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

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