

Clay Lacy Aviation

Log #: _____

7435 Valjean Avenue
Van Nuys, California 91406
United States

Telephone: 818-989-2900

Fax: 818-947-5474

CUSTOMER Solairus Aviation	AIRCRAFT SERIAL NUMBER 50500167	AIRCRAFT REGISTRATION NUMBER N16DF	PAGE NUMBER Page 1 of 1
CUSTOMER CONTACT	AIRCRAFT TOTAL TIME 2,396.40	AIRCRAFT TOTAL CYCLES 1,359.00	WORK ORDER # 14476
CONTACT TELEPHONE	ITEM DESCRIPTION Borescope. Support in Hawthorne.		PRINTED 03/08/2023 9:49:07AM
MANUFACTURER Embraer	PART / MODEL NUMBER EMB-505		SERIAL NUMBER
CUSTOMER ADDRESS 201 1st Street Ste 307 Petaluma, California 94952 United States	TOTAL TIME N/A	TOTAL CYCLES N/A	DATE RECEIVED IN N/A
	TSN / TSO N/A / N/A	CSN / CSO N/A / N/A	DATE SHIPPED OUT N/A



ITEM / SQUAWK 1.3	DATE OPENED 03/02/2023	OPENED BY Noel Madlangbayan (NMADLANGBAYAN)	INSPECTOR #1 N/A	FUNCTIONAL TEST N/A	
ALLOWED LABOR HOURS	DATE CLOSED	SIGN OFF BY Noel Madlangbayan (NMADLANGBAYAN)	A&P License Number	LOGBOOK N/A	
DISCREPANCY Cover inlet and exhaust on both engines. Place several desiccants in the engine per customer request.					
RESOLUTION Placed 16 total desiccant on left engine inlet. Placed 32 total desiccant on left engine exhaust. Covered Left engine inlet and exhaust per customer request. Placed 16 total desiccant on right engine inlet. Placed 32 total desiccant on right engine exhaust. Covered Right engine inlet and exhaust per customer request.					
PART NUMBER OFF	QTY	PART NUMBER ON	QTY	SERIAL NUMBER OFF	SERIAL NUMBER ON

* End of Report *

Clay Lacy Aviation

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CUSTOMER CONTACT	AIRCRAFT TOTAL TIME 2,396.40	AIRCRAFT TOTAL CYCLES 1,359.00	WORK ORDER # 14476
CONTACT TELEPHONE	ITEM DESCRIPTION Borescope. Support in Hawthorne.		PRINTED 03/08/2023 9:48:45AM
MANUFACTURER Embraer	PART / MODEL NUMBER EMB-505		SERIAL NUMBER
CUSTOMER ADDRESS 201 1st Street Ste 307 Petaluma, California 94952 United States	TOTAL TIME N/A	TOTAL CYCLES N/A	DATE RECEIVED IN N/A
	TSN / TSO N/A / N/A	CSN / CSO N/A / N/A	DATE SHIPPED OUT N/A



ITEM / SQUAWK 1.2	DATE OPENED 02/27/2023	OPENED BY Alan Flores (AFLORES)	INSPECTOR #1 N/A	FUNCTIONAL TEST N/A	
ALLOWED LABOR HOURS	DATE CLOSED	SIGN OFF BY Noel Madlangbayan (NMADLANGBAYAN)	A&P License Number	LOGBOOK N/A	
DISCREPANCY Travel time SNA to Hawthorne					
RESOLUTION Completed. Supported N16DF as requested.					
PART NUMBER OFF	QTY	PART NUMBER ON	QTY	SERIAL NUMBER OFF	SERIAL NUMBER ON

* End of Report *

Clay Lacy Aviation

Repair Station #: 4XGR883C

Log #: _____

7435 Valjean Avenue
Van Nuys, California 91406
United States

Telephone: 818-989-2900

Fax: 818-947-5474

CUSTOMER Solairus Aviation	AIRCRAFT SERIAL NUMBER 50500167	AIRCRAFT REGISTRATION NUMBER N16DF	PAGE NUMBER Page 1 of 2
CUSTOMER CONTACT	AIRCRAFT TOTAL TIME 2,396.40	AIRCRAFT TOTAL CYCLES 1,359.00	WORK ORDER # 14476
CONTACT TELEPHONE	ITEM DESCRIPTION Borescope. Support in Hawthorne.		PRINTED 03/03/2023 9:07:15AM
MANUFACTURER Embraer	PART / MODEL NUMBER EMB-505		SERIAL NUMBER
CUSTOMER ADDRESS 201 1st Street Ste 307 Petaluma, California 94952 United States	TOTAL TIME N/A	TOTAL CYCLES N/A	DATE RECEIVED IN N/A
	TSN / TSO N/A / N/A	CSN / CSO N/A / N/A	DATE SHIPPED OUT N/A



ITEM / SQUAWK 1.1	DATE OPENED 02/24/2023	OPENED BY Noel Madlangbayan (NMADLANGBAYAN)	INSPECTOR #1 Noel Madlangbayan (NMADLANGBAYAN)	FUNCTIONAL TEST N/A
ALLOWED LABOR HOURS	DATE CLOSED 03/02/2023	SIGN OFF BY Alan Flores (AFLORES)	RH N/A	LOGBOOK N/A

DISCREPANCY**Borescope. Support in Hawthorne per customer request:**

Perform a borescope inspection, looking for any FOD generated during the event (both engines). Reference FOD inspection EMM 05-50. Include visual inspection of the inlet and fan blades. Report any finding.

Second, please check oil / fuel filter for any presence of contaminants / residual material on them. Replace them accordingly.

Check the chip detector, any material particle found? report back.

Once inspected, rotate the fan (both engines) by hand, any noise / vibration present? By removing the starter generator, rotate the N2 for noise or vibration, anything unusual noticed?

RESOLUTION**Right Engine S/N PCE-DG0339**

- 05-50-00 Inspected the nose cone, fan blades, fan case, and fan exit stators. Rotated N1 for unusual noise/vibration. No discrepancy or damage noted.
 - 72-00-00 Performed Right Engine Combustion liner borescope for damage and FOD.
 - 72-00-00 Performed Borescope Right Engine first stage turbine. No discrepancy noted.
 - 72-00-00 Borescope Inspection of the First-stage High-compressor Rotor. No discrepancy noted.
 - 73-11-01 Performed Right engine Fuel filter detailed inspection. No discrepancy noted.
 - 79-21-00 Performed Right engine Fuel filter detailed inspection. No discrepancy noted.
 - 79-35-00 Performed inspection of Right Engine Metal detector. No discrepancy noted.
 - 24-31-01 Removed and reinstalled Right Engine Starter Generator. Performed inspection and rotated N2 for unusual noise/ vibration. No discrepancy noted.
- Besides the obvious exterior damages from the Left Engine (upper, lower cowl, and exhaust)
No other discrepancy noted during this inspection started 02/27/2023.

Left Engine S/N PCE-DG0338

- 05-50-00 Inspected the nose cone, fan blades, fan case, and fan exit stators. Rotated N1 for unusual noise/vibration. No discrepancy or damage noted.
- 72-00-00 Performed Left Engine Combustion liner borescope for damage and FOD.
- 72-00-00 Performed Borescope Left Engine first stage turbine. No discrepancy noted.
- 72-00-00 Borescope Inspection of the First-stage High-compressor Rotor. No discrepancy noted.
- 73-11-01 Performed Right engine Fuel filter detailed inspection. No discrepancy noted.
- 79-21-00 Performed Left Engine Fuel filter detailed inspection. No discrepancy noted.
- 79-35-00 Performed inspection of Left Engine Metal detector. No discrepancy noted.

Clay Lacy Aviation

Repair Station #: 4XGR883C

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CUSTOMER Solairus Aviation	AIRCRAFT SERIAL NUMBER 50500167	AIRCRAFT REGISTRATION NUMBER N16DF	PAGE NUMBER Page 2 of 2
CUSTOMER CONTACT	AIRCRAFT TOTAL TIME 2,396.40	AIRCRAFT TOTAL CYCLES 1,359.00	WORK ORDER # 14476
CONTACT TELEPHONE	ITEM DESCRIPTION Borescope. Support in Hawthorne.		PRINTED 03/03/2023 9:07:15AM
MANUFACTURER Embraer	PART / MODEL NUMBER EMB-505		SERIAL NUMBER
CUSTOMER ADDRESS 201 1st Street Ste 307 Petaluma, California 94952 United States	TOTAL TIME N/A	TOTAL CYCLES N/A	DATE RECEIVED IN N/A
	TSN / TSO N/A / N/A	CSN / CSO N/A / N/A	DATE SHIPPED OUT N/A
- 24-31-01 Removed and reinstalled Left Engine Starter Generator. Performed inspection and rotated N2 for unusual noise/ vibration. No discrepancy noted. No other discrepancy noted during this inspection started 02/27/2023.			
PART NUMBER OFF	QTY	PART NUMBER ON	QTY
SERIAL NUMBER OFF		SERIAL NUMBER ON	

* End of Report *

INSPECTION / MAINTENANCE RECORD**MODEL: PW535E****WORK ORDER: 14476****SERIAL NUMBER: PCE-DG0339****REG. NUMBER: N16GF**

The following Inspections / Maintenance was accomplished:

<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1.1	05-50-00	Inspected the nose cone, fan blades , fan case, and fan exit stators. Rotated N1 for unusual noise/vibration. No discrepancy or damage noted.
	72-00-00	Performed Right Engine Combustion liner borescope for damage and FOD.
	72-00-00	Performed Borecope Right Engine first stage turbine. No discrepancy noted.
	72-00-00	Borecope Inspection of the First-stage High-compressor Rotor. No discrepancy noted.
	73-11-01	Performed Right engine Fuel filter detailed inspection. No discrepancy noted.
	79-21-00	Performed Right engine Fuel filter detailed inspection. No discrepancy noted.
	79-35-00	Performed inspection of Right Engine Metal detector. No discrepancy noted.
	24-31-01	Removed and reinstalled Right Engine Starter Generator. Performed inspection and rotated N2 for unusual noise/ vibration. No discrepancy noted.

Engine Hours: 2396.4

Engine Cycles: 1359

I certify that this engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No: 14476

March 2, 2023



Noel E. Madlangbayan Jr. (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD**MODEL: PW535E****WORK ORDER: 14476****SERIAL NUMBER: PCE-DG0338****REG. NUMBER: N16GF**

The following Inspections / Maintenance was accomplished:

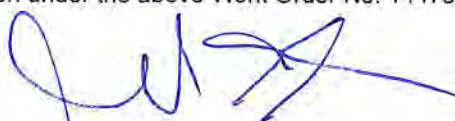
<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1.1	05-50-00	Inspected the nose cone, fan blades, fan case, and fan exit stators. Rotated N1 for unusual noise/vibration. No discrepancy or damage noted.
	72-00-00	Performed Left Engine Combustion liner borescope for damage and FOD.
	72-00-00	Performed Borescope Left Engine first stage turbine. No discrepancy noted.
	72-00-00	Borescope Inspection of the First-stage High-compressor Rotor. No discrepancy noted.
	73-11-01	Performed Left engine Fuel filter detailed inspection. No discrepancy noted.
	79-21-00	Performed Left engine Fuel filter detailed inspection. No discrepancy noted.
	79-35-00	Performed inspection of Left Engine Metal detector. No discrepancy noted.
	24-31-01	Removed and reinstalled Left Engine Starter Generator. Performed inspection and rotated N2 for unusual noise/ vibration. No discrepancy noted.

Engine Hours: 2396.4

Engine Cycles: 1359

I certify that this engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No: 14476

March 2, 2023



Noel E. Madlangbayan Jr. (Signature of Authorized Representative)
CRS BKER301L

Final Walk Around Inspection

Work Order: 13901

A/C Model: PH300

A/C S/N 167

A/C Tail # N16DF

Area Inspected	Acceptable	Items/Notes
Nose Section/ Nose Landing Gear	Yes / No	
Fuselage/Windows/ Windshields	Yes / No	
Pitot / Static Ports Clear (Accept for Designed Covers)	Yes / No	
Left Wing/ Left Landing Gear	Yes / No	
Right Wing/ Right Landing Gear	Yes / No	
Jack Pads Removed L/R Wing, Nose, Tail, L/R/Nose Axle	Yes / No	
Left Engine/ Left Nacelle	Yes / No	
Right Engine/ Right Nacelle	Yes / No	
Tail Section/ Empennage	Yes / No	
Vertical Stab	Yes / No	
Horizontal Stab	Yes / No	
Flight Compartment	Yes / No	<u>Seats / Headliner / Sidewalls / Carpet</u>
Circuit Breakers In	Yes / No	
Forward Entry	Yes / No	<u>Bulkheads / Headliner / Sidewalls / Carpet</u>
Cabin	Yes / No	<u>Seats / Headliner / Sidewalls / Carpet / Woodwork</u>
Lavatory	Yes / No	<u>Seats / Headliner / Sidewalls / Carpet / Mirrors</u>
Galleys	Yes / No	<u>Counter Tops / Headliner / Woodwork / Flooring</u>
Clay Lacy Aircraft Disinfected Clay Lacy Aviation Managed Aircraft Only	Yes / No	Maintenance Self Wipe Down Disinfected Clay Lacy Aircraft Disinfected Sticker Placed Across The MED
	Yes / No	The Aircraft Is Scheduled To Be Disinfected By CLA Cleaners

Technician / Supervisor: _____

Date: 11/27/22

Inspector: _____

Date: 11/27/22

Preliminary/Incoming General Condition Inspection

Date: 11/26/22

Work Order: 13901

A/C Model: Phenom 300

A/C S/N 167

A/C Tail # *N16DF*

Area	Noted Condition Yes or No	Tech	Noted Condition Item
Nose Section	YES		1
Fuselage	NO		
Tail Section	NO		
Left Wing	YES		
Right Wing	YES		
Left Engine	YES		
Right Engine	YES		
Vertical Stab	NO		
Horizontal Stab	YES		
Flight Compartment	N/A		
Cabin	N/A		
Lavatory	N/A		

LIST NOTED CONDITION BELOW WITH LOCATION AND DISCRPTION

[illegible]

Clay Lacy Aviation

Repair Station #: BKER301L

Log #: _____

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United States

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Fax: 818-947-5474

CUSTOMER: Solairus Aviation	AIRCRAFT SERIAL NUMBER: 50500167	AIRCRAFT REGISTRATION NUMBER: N16DF	PAGE NUMBER Page 1 of 1
CUSTOMER CONTACT:	AIRCRAFT TOTAL TIME 2,383.10	AIRCRAFT TOTAL CYCLES 1,352.00	WORK ORDER # 13901
CONTACT TELEPHONE:	ITEM DESCRIPTION: Airframe		PRINTED: 11/26/2022 3:55:08PM
MANUFACTURER: Embraer	PART / MODEL NUMBER: EMB-505		SERIAL NUMBER
CUSTOMER ADDRESS: 201 1st Street Ste 307 Petaluma, California 94952 United States	TOTAL TIME N/A	TOTAL CYCLES N/A	DATE RECEIVED IN N/A
	TSN / TSO N/A / N/A	CSN / CSO N/A / N/A	DATE SHIPPED OUT: N/A



ITEM / SQUAWK: 1.4	DATE OPENED: 11/26/2022	OPENED BY: Vincent Fung (VFUNG)	INSPECTOR #1: Vincent Fung (VFUNG)	FUNCTIONAL TEST: N/A	
ALLOWED LABOR HOURS:	DATE CLOSED: 11/26/2022	SIGN OFF BY: Jorge Campos (JCAMPOS)	RII N/A	LOGBOOK: N/A	
DISCREPANCY: Assess scratch on tail cone, recommend action.					
RESOLUTION: Inspected scratch on tail cone and verified that the damage has not penetrated the composite structure. This scratch can be classified as "Non Significant Damage on Composite Skin." Applied a layer of epoxy primer on exposed composite structure to prevent moisture. No further action required at this time. Work done IAW Phenom 300 SRM 51-10-07. Surface protection must be restored within 500 flight cycles.					
PART NUMBER OFF:	QTY:	PART NUMBER ON:	QTY:	SERIAL NUMBER OFF:	SERIAL NUMBER ON:



* End of Report *

INSPECTION / MAINTENANCE RECORD

Page 1 of 2

MODEL/TYPE: Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **13901**
Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

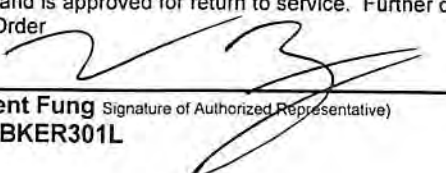
<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	SRM 51-10-07	Inspected scratch on tail cone and verified that the damage has not penetrated the composite structure. This scratch can be classified as "Non Significant Damage on Composite Skin." Applied a layer of epoxy primer on exposed composite structure to prevent moisture. Surface protection must be restored within 500 flight cycles.

Aircraft Total Time: 2,383.1

Aircraft Total Landings: 1,352

I certify that this aircraft/engine has been inspected/repared in accordance with current Federal Aviation Regulations. All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

November 27, 2022



Vincent Fung (Signature of Authorized Representative)
CRS BKER301L



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
October 6, 2022	N16DF	50500167	2353.4	1329

Accomplished the following:

#1 MAIN TIRE HAS CORD SHOWING

Inspected #1 main and found cord showing. Removed and replaced the #1 main wheel assy with Repaired unit IAW EMB 605 AMM 32-45-01.

P/N off-505-19517-611 S/N off-6048RE

P/N on-505-19517-611 S/N on-5003VJ

Tire P/N off/on-258k63-2

S/N off-10370849 S/N on-20330556

EMERGENCY LIGHTS FLICKER DURING OPERATION

Replaced both fwd and aft emer battery packs with tested units IAW Phenom 300 AMM 33-50-0. ops checks found to be satisfactory at this time

#1

P/N off 6450LS-00 S/N OFF 001456

P/N ON 7450LS-00 S/N ON 006135

#2

P/N OFF 6450LS-00 S/N OFF 001423

P/N ON 7450LS-00 S/N 005584

I certify that this aircraft has been inspected and/or repaired in accordance with current FAR 91.409 (f) (3) manufacturers inspection program and was determined to be in airworthy condition and released to service with respect to the items identified in this entry. Pertinent details are on file at this Certified Repair Station under work order AOG-40498

Signed

Choose a Name

for Constant Aviation CRS WC7R346J
5211 Secondary Rd. Cleveland, OH 44135

info@constantaviation.com • 216.261.7119 • www.constantaviation.com

Maintenance • Avionics • Interiors • Parts • Composites • Accessories • Structures

1 País (Country) BRASIL		2 Título (Title) AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL (BRAZILIAN CIVIL AVIATION AUTHORITY) CERTIFICADO DE LIBERAÇÃO AUTORIZADA (AUTHORIZED RELEASE CERTIFICATE) ETIQUETA DE APROVAÇÃO DE AERONAVEGABILIDADE (AIRWORTHINESS APPROVAL TAG) FORMULÁRIO (FORM) F-100-01 (SEGVÃO 003)			3 Certificado No. (Certificate No./System tracking No.) 2000888173	
4 Empresa (Nome e endereço) (Organization Name and Address) EMBRAER - Empresa Brasileira de Aeronáutica S/A - Brasil Rd. Edsonvinho Paris Nord 2-33 Rue des Vanesses - BP 67358 Villepinte-95942 Roissy-France COP E-7203-01		5 Ordem de Serviço/Contrato/Nota Fiscal (Work Order, Contract or Invoice) 0502644758				
6 Item (Item)	7 Descrição (Description)	8 Número da Peça (Part Number)	9 Quantidade (Quantity)	10 Número de Série/Lote (Serial/Lot Number)	11 Categoria/Trabalho (Class/Work)	
000001	LAMP	CMA-7079B-24	25	8000959026	NEW Certified True Copy of the Original Qty <u>5</u> Signature <u>J. K.</u> Date <u>7/16/22</u>	
12 Observações (Remarks) Export. This is a replacement form SEGVÃO 003 of # 2000888173 issued on 2015 / 04 / 28. The referenced parts conform to the EASA approved design data as identified in EASA (MAA.032/MAA.071) and are in condition for safe operation. 0087819346 / 2018.						
Partes com vida limitada devem ser acompanhadas de histórico de manutenção incluindo tempo total/total time desde nova. (Limited life parts must be accompanied by maintenance history including total time/total time since new.)						
13 Certifica que este item(s) acima identificado(s) foi (for) fabricado(s) em conformidade com: (Certifies that the item(s) identified above was (were) manufactured in conformity with: ☒ dados de projeto aprovados e está (est) em condição segura de operação (approved design data and are in a condition for safe operation) ☐ dados de projeto não aprovados especificados no bloco 12 (non-approved design data specified in block 12)			14 ☐ Retorno ao serviço de acordo com RBAC 43.9 (Return to service in accordance with RBAC 43.9) ☐ Outros regulamentos especificados no bloco 12 (Others regulations specified in block 12) Certifica que, a menos especificado no bloco 12, o trabalho especificado no bloco 11, e descrito no bloco 12, foi executado de acordo com o Regulamento Brasileiro de Aviação Civil - RBAC 43 e, em relação ao trabalho realizado (a) peça (s) é (são) aprovada (s) para retorno ao serviço. (Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Brazilian Civil Aviation Regulations - RBAC 43 and in respect to the work performed the part(s) is (are) approved for return to service.)			
16 Assinatura do Representante da ANAC (ANAC Representative Signature) 		15 No. Autorização da ANAC (ANAC Authorization No.) DOI 2020-025 / COP E-7203-01		19 Pessoa Autorizada (Authorized Signature)		20 No. COMCOA (Certificate Number)
18 Nome (Name) RAFAEL RODRIGUEZ		17 Data (Date) 27/06/2020		21 Nome (Name)		22 Data (Date)
* O INSTALADOR DEVE FAZER VERIFICAÇÃO CRUZADA DA APLICABILIDADE ATRAVÉS DOS DADOS TÉCNICOS APLICÁVEIS (INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA)				[USER / INSTALLER RESPONSIBILITY] IT IS IMPORTANT TO UNDERSTAND THAT THE EXISTENCE OF THIS DOCUMENT ALONE DOES NOT AUTOMATICALLY CONSTITUTE AUTHORITY TO INSTALL THE PARTS/COMPONENTS/ASSEMBLY. WHEN THE USER/INSTALLER WORK IS PERFORMED 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 RESAER AIRWORTHINESS AUTHORITY ACCEPTS PARTS/COMPONENTS/ASSEMBLIES FROM THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1. STATEMENTS IN BLOCK 13 AND 18 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. Pag. 07 Page: 1/1		

Operator: **SOLAIRUS AVIATION**Work Card No.: **24-36-STC-005**Serial No.: **50500167**Model: **PHENOM 300**Reg No.: **N16DF**Workorder No.: 96PFA

Due At	Date(DD/MMM/YYYY)	A/C HRS	AFL				
Accomplished	14-SEP-22 <u>13 SEP 22</u> <i>en</i>	2348	1324				

TECHNICIAN SIGNATURE: *ROE*KIND OF CERTIFICATE & NO.: J67R0765

INSPECTED BY: _____

KIND OF CERTIFICATE & NO.: _____

TECH	INSP	LABOR-HRS HRS.THS

24-36-STC-005

CAPACITY CHECK AFT MAIN BATTERY (CONCORDE BATTERY)

*en*REMARKS : _____

14-SEP-2022

WID: 66006767-1

Return completed copy via email to fax@campsystems.com

© CAMP SYSTEMS

Total Pages = _____, Initial 1 of 1

Operator: **SOLAIRUS AVIATION**Work Card No.: **24-36-STC-005**Serial No.: **50500167**Model: **PHENOM 300**Reg No.: **N16DF**Workorder No.: **96PFA**

Due At	Date(DD/MMM/YYYY)	A/C HRS	AFL				
Accomplished	14 SEP 22 13 SEP 22	2348	1324				

TECHNICIAN SIGNATURE:

KIND OF CERTIFICATE & NO.: **J672076J**

INSPECTED BY: _____

KIND OF CERTIFICATE & NO.: _____

TECH

INSP

LABOR-HRS
HRS.THS

24-36-STC-005

CAPACITY CHECK FORWARD MAIN BATTERY (CONCORDE BATTERY) **27**REMARKS : _____

_____**DUNCAN
AVIATION**Reg. # **N16DF**
Make: **Embraer**
ACTT: **2348.0**Date: **09/14/2022**
Model: **EMB-505**
Landings: **1324**Customer: **Sunset Aviation**
S/N: **50500167**

Removed and reinstalled both batteries P/N-RG-390E S/N-41092073 and P/N-RG-380E/44 S/N-70012681 after capacity check in accordance with Phenom 300 Maintenance Manual Tasks 24-36-01-000-801-A and 24-36-01-400-801-A.

This aircraft is maintained in accordance with 14 CFR Part 91.409 (f)(3) and the manufacturers approved inspection program. The above described repair or maintenance is approved for return to service. A detailed record is on file under work order # 96PFA.

Signed

Robert Nicholson

For Duncan Aviation CRS# JG7R076J Phone: 206-764-3962

**DUNCAN
012464**

Operator: **SOLAIRUS AVIATION**Work Card No.: **26-24-01-001**Serial No.: **50500167**Model: **PHENOM 300**Reg No.: **N16DF**

Workorder No.: _____

Due At	Date(DD/MMM/YYYY)	A/C HRS	AFL				
Accomplished		2279.0	1300				

TECHNICIAN SIGNATURE: _____

KIND OF CERTIFICATE & NO.: _____

INSPECTED BY: _____

KIND OF CERTIFICATE & NO.: _____

TECH	INSP	LABOR-HRS HRS.THS
------	------	----------------------

#26-24-01-001

WEIGHT CHECK CABIN PORTABLE FIRE EXTINGUISHER

RECORD DATE OF WEIGHT CHECK

RECORD WEIGHT.....

07, 27, 2022

3.23

AMM 26-24-01

REMARKS : _____

Southmost
AVIATION**SOUTHMOST AVIATION**
973 S. MINNESOTA AVE.
BROWNSVILLE, TX. 78521

Registration:	Make	Model:	Serial No.:	Hobbs:	Date:
N16DF	Embraer	Phenom 300	50500167	2279.00	2022JULY27
				A.F.I.L.	Landings/Cycles:
				2279.00	1300

At this time the following maintenance completed:

- 1) Weighed Cockpit fire extinguisher IAW TASK 26-24-01-001.
- 2) Weighed Cabin fire extinguisher IAW TASK 26-24-01-001.

This aircraft is maintained in accordance with 14 CFR Part 91.409 (f)(3) and the Embraer approved inspection program.

of 1

IAN SMITH
A&P3032372



Operator: SOLAIRUS AVIATION		Work Card No.: 26-24-01-001					
Serial No.: 50500167	Model: PHENOM 300	Workorder No.: _____					
Reg No.: N16DF							
Due At	Date(DD/MM/YYYY)	A/C HRS	AFL				
Accomplished		2279.0	1300				

TECHNICIAN SIGNATURE: *E. W. A.* KIND OF CERTIFICATE & NO.: *AMP 303 23 7L*

INSPECTED BY: _____ KIND OF CERTIFICATE & NO.: _____

26-24-01	COCKPIT PORTABLE FIRE EXTINGUISHER	AMM 26-24-01
----------	------------------------------------	--------------

REASON REMOVED: (CHECK ONE)	☐ TIME EXPIRED	☐ FAILURE	☐ WORN	☐ CORROSION	☐ LOANER	☐ SCHEDULING CONV	☐ MOD/UPGRADE	☐ SERVICE	☐ ENGINE CHANGE	☐ TIRE CHANGE	☐ SWAP/TRBLE SHOOT	☐ DAMAGED
If removed P/N & S/N information is incorrect please provide details below.												
REMOVED P/N	RT-A1200		S/N	Y-502206		LABOR-HRS						
INSTALLED P/N			S/N			PART COST\$						
INSTALLED TSN	MOS		INSTALLED TSO	MOS		TIME SINCE REPAIR	MOS		WARRANTY TIME REMAINING	MOS		
	HRS			HRS			HRS			HRS		
	LDGS			LDGS			LDGS			LDGS		
TECH: _____ INSP: _____												

REMARKS : _____

INITIAL THE SERVICE TASKS BELOW WHICH WERE ACCOMPLISHED DURING CHANGE. IF TASKS WERE NOT ACCOMPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME (CT).

TECH	INSP	LABOR-HRS HRS.THS	TIME ACCRUED	CONTINUE TIME
------	------	----------------------	-----------------	------------------

#26-24-01-001

WEIGHT CHECK OF COCKPIT PORTABLE FIRE EXTINGUISHER

RECORD DATE OF WEIGHT CHECK
RECORD WEIGHT

07/27/2022 *3.54*

AMM 26-24-01

REMARKS : _____

26-JUL-2022

WID: 64655675-1

Return completed copy via email to fax@campsystems.com

© CAMP SYSTEMS

Total Pages = _____, Initial *1* of *2*



**DUNCAN
AVIATION** SM

Reg. #:	N16DF	Date:	April 28, 2022	Work Order:	LFQPA
Make:	EMBRAER	Model:	EMB-505		
		Designator:	Phenom 300		
Aircraft S/N:	50500167	TT:	2203.6	Landings:	1261

Performed the following inspections in accordance with Embraer Phenom 300 Aircraft Maintenance Manual:

- Complied with the left and right fuel sov system operational check. No defects noted. CMP 28-21-07-001

I certify this aircraft has been inspected in accordance with a **Embraer Phenom 300 Inspection** to comply with the requirements of FAR 91.409 f (3) and is approved for return to service with respect to the work performed. A detailed record is on file under work order **LFQPA**.

Signed:

Duncan QI 2555
Joshua Saran

For Duncan Aviation Repair Station JGVR194F Phone: 800-228-4277

This aircraft is maintained in accordance with 14 CFR Part 91.409 (f)(3) and the manufacturers approved inspection program.

Signed:

Duncan QI 2555
Joshua Saran

For Duncan Aviation Repair Station JGVR194F Phone: 800-228-4277

MAKE: Phenom 300
MODEL: Embraer
S/N: 505 00167
REG. NO: N16DF



DATE: April 8, 2022
TT: 2184.5
TC: 1253

Complied with the following FAA Airworthiness directive:

- AD 2020-12-08 paragraph (h) previously complied with 3 December 2019 by accomplishment of Embraer Alert Service Bulletin 505-55-A004 R4. Paragraph (i) complied with by revising Airworthiness Limitations section of AMM.
- AD 2022-05-12 paragraph (h) previously complied with 3 December 2019 by accomplishment of Embraer Alert Service Bulletin 505-55-A004 R4. Paragraph (l) previously complied with 4 August 2020 by accomplishment of Embraer Service Bulletin 505-55-0004 (Part 1). Paragraph (m) of this AD is due March 11, 2027. Paragraph (n) of this AD is due August 1, 2023

The Aircraft identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, and in respect to the work performed, is approved for return to service

DATE: April 8, 2022 SIGNED: Ronald Crosler CERTIFICATE #: 3130483



constant
AVIATION

AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
21MAR22	N16DF	50500167	2172.6	1248

REPAIRED THE FOLLOWING ITEMS:

- PAX DOOR INDICATES OPEN ON STATUS PAGE; VERIFIED MED SWITCH ADJUSTMENTS AND OPS CHECKS IAW PHENOM 300 AMM 52-71-20. NO DEFECTS NOTED AT THIS TIME. REMOVED FROM MEL. OPERATED EACH SWITCH INDEPENDENTLY FOUND SWITCHES TO BE ADJUSTED PROPERLY.

I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order AOG-37670

Signed

for Constant Aviation CRS# WC7R346J
5211 Secondary Road, Cleveland, Ohio 44135



**DUNCAN
AVIATION**

Reg. # N16DF
Make: Embraer
ACTT: 2158.9

Date: 03/10/2022
Model: EMB-505
Landings: 1242

Customer: Sunset Aviation
S/N: 50500167

Removed and reinstalled both batteries P/N-RG-390E S/N-41092073 and P/N-RG-380E/44 S/N-70012681 after capacity check in accordance with Phenom 300 Maintenance Manual Tasks 24-36-01-000-801-A and 24-36-01-400-801-A.

This aircraft is maintained in accordance with 14 CFR Part 91.409 (f)(3) and the manufacturers approved inspection program. The above described repair or maintenance is approved for return to service. A detailed record is on file under work order # 8S9FA.

Signed

DUNCAN
Q12464

Robert Nicholson
For Duncan Aviation CRS# JG7R076J Phone: 206-764-3962



Reg. #:	N16DF	Date:	January 25, 2022	Work Order:	LOBHA
Make:	EMBRAER	Model:	EMB-505		
		Designator:	Phenom 300		
Aircraft S/N:	50500167	TT:	2121.9	Landings:	1220
#1 Eng S/N:	PCE-DG0338	#1 Eng TSN:	2121.9	#1 Eng CSN:	1220
#2 Eng S/N:	PCE-DG0339	#2 Eng TSN:	2121.9	#2 Eng CSN:	1220

Performed the following manufacturer's maintenance items in accordance with Embraer 505 Phenom 300 Aircraft Maintenance Manual Maintenance Chapter 4 Revision 14 and Aircraft Maintenance Manual Part III Scheduled Maintenance Requirements Revision 4:

• **Scheduled Maintenance Packages (05-30):**

- 800 Hour Maintenance Package (05-30-01)

Performed the following general maintenance under work order LOBHA:

- Removed RH MLG wheel and tire assembly P/N 505-19517-611 S/N 5145SL and installed wheel and tire assembly P/N 505-19517-611 S/N 5107UF repaired by Embraer Executive Jet Services LLC. CRS 1MB3176B under work order W13135 dated 25 Jun 2021. **Note: This constitutes the first tire change for this wheel assembly since overhaul. CSO: 163 Total Cycles Remaining: 1337 (32-45-00)**
 - New RH MLG tire installed at repair: Removed tire P/N 258K63-2 S/N 93472721 and installed tire P/N 258K63-2 S/N 10071200 (32-45-02)
- Removed NLG wheel and tire assembly P/N 505-19601-607 S/N 5050QH and installed wheel and tire assembly P/N 505-19601-607 S/N 5167QJ overhauled by Embraer Executive Jet Services LLC. CRS 1MB3176B under work order W10996 dated 28 Jul 2020. **CSO: 0 Total Cycles Remaining: 1500 (32-45-00, 32-45-11-003)**
 - New Nose Tire installed at overhaul: removed tire P/N 156E23-1 S/N 90792996 and installed tire P/N 156E23-1 S/N 00740428. (32-45-11)

The above described repair or maintenance is approved for return to service. A detailed record is on file under work order **LOBHA**.

Signed:

Duncan RH 287

For Duncan Aviation Repair Station EBV2450D Phone: 877-771-2788

This aircraft has been inspected in accordance with the above inspections and 91.409 (f)(3) and operated per Sunset Aviation Charter Certificate policies and procedures and was determined to be in airworthy condition. A detailed record is on file under work order **LOBHA**.

Signed:

Duncan RH 287

For Duncan Aviation Repair Station EBV2450D Phone: 877-771-2788



Operator: SOLAIRUS AVIATION		Work Card No.: FAA 2021-24-21					
Serial No.: 50500167		Model: PHENOM 300					
Reg No.: N16DF		Workorder No.: _____					
Due At Accomplished	Date(DD/MMM/YYYY)	A/C HRS	AFL				
	21-JAN-22	2120.4	1219				

TECHNICIAN SIGNATURE:  KIND OF CERTIFICATE & NO.: A&P2818792
[MICHAEL CANTRELL]

FAA 2021-24-21 AIRCRAFT FLIGHT MANUAL - OPERATIONAL ENVELOPE TEMPERATURE / MINIMUM AIRSPEED LIMITATION - AMENDMENT

Amendment No: Effective Date: 25-JAN-2022 Next Compliance Due Date Hours/Other: _____

☒ COMPLIED WITH ☐ DECLINED ☐ DEFERRED ☐ NOT APPLICABLE

*All text added to the "Note" field will be presented as part of the MOC selection through the application.
Ex: MOC of "Complied With" and a Note of "At Manufacture" will display as "Complied With - At Manufacture"*

Compliance Note: _____

TECH  INSP _____ LABOR-HRS _____
HRS.THS _____

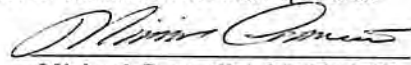


1/21/2022 N16DF EMB-505 S/N 50500167 ACTT: 2120.4 Landings: 1219

Complied with the following CAMP codes:

FAA 2021-24-21 – Aircraft Flight manual – Operational Envelope Temperature/Minimum Airspeed Limitation amendment - Verified that the AFM has been revised to incorporate operational bulletin 505-005/13 Rev 1 dated March 9, 2020 per paragraph (g) of this AD. No further action is required.

This aircraft has been inspected/maintained IAW current FAA regulations and is released for continued service with respect to the work performed.


Michael Cantrell A&P 2818792



Airframe Logbook

30-Dec-21

N16DF - PHENOM 300, S/N 50500167

Facility:

SOLAIRUS
AVIATION

Certificate #:

Airframe Hours:

2108.6

Airframe Cyc/Lndgs:

1214

THE FOLLOWING AIRWORTHINESS DIRECTIVES WERE ACCOMPLISHED:

AD	DESCRIPTION
1 FAA 2021-23-12	APPLIANCE AD - INDICATING / RECORDING / NAVIGATION - RADIO (RADAR) ALTIMETER - AFM REVISION TO INCORPORATE LIMITATIONS MOC: COMPLIED WITH - INSERTED A COPY OF THE AD INTO THE LIMITATIONS SECTION OF THE AFM IAW PARAGRAPH G OF THE AD Effective Date: 09-DEC-2021

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F)(3) AND APPROVED FOR RETURN TO SERVICE.

Work Performed By: ROSS MINER

Certificate #: MECHANIC - A&P 3062951



Passion to Innovate.
Power to Deliver.

Shopfinding Report

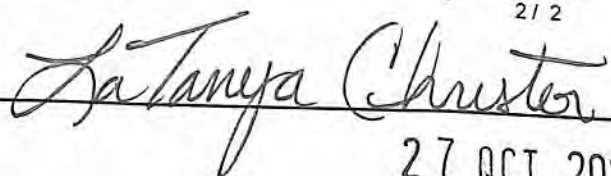
BE Aerospace, Inc.
Lenexa, KS
United States
Office +1 813 338 9600
Oxygen_Repair@beaerospace.com
beaerospace.com
FAA Repair ID: PB9R229N

ORDER DETAILS

REPAIR ID: R21102677252	CUSTOMER: EMBRAER AIRCRAFT CORP	CUSTOMER PN: N/A
SALES ORDER: 32237555	PURCHASE ORDER: 300806059	RECEIVING DATE: 26-Oct-2021

REMARKS

No Leaks Found On Bench Test, Unit Tested & Re-certified Per BE Aerospace CMM 35-10-73 Rev.New Date 12/19/08, Hours: TSI: 0 / TSN: 0 / TSO: 19, Cycles: CSI: 0 / CSN: 0 / CSO: 0.

FORM	DEPARTMENT	EMAIL	SHOPFINDING REPORT APPROVED BY	PAGE
08-4-04-08-PB9R229N	Repair Station	Oxygen_Repair@beaerospace.com	27-Oct-2021	2 / 2
				27 OCT 2021



Passion to Innovate.
Power to Deliver.

Shopfinding Report

B/E Aerospace, Inc.
Lenexa, KS
United States
Office +1 913 358 8800
Oxygen_Repair@beaerospace.com
beaerospace.com
FAA Repair ID: PB9R229N

ORDER DETAILS

REPAIR ID: R21102677252	CUSTOMER: EMBRAER AIRCRAFT CORP	CUSTOMER PN: N/A
SALES ORDER: 32237555	PURCHASE ORDER: 300806059	RECEIVING DATE: 26-Oct-2021

REPAIR DETAILS

REMOVAL REASON: Oxygen mask is leaking.	FAILURE VERIFIED: No
FAILURE REASON:	NOT VERIFIED REASON: No Failures Found
MODIFICATION STANDARD MOD/AMDT in: N/A MOD/AMDT out: N/A	Manufacturing Date: 01-Feb-2015
REPAIRED AND TESTED IN ACCORDANCE WITH CMM: 35-10-73 REVISION: NEW	Software Settings:

INCOMING ITEM				OUTGOING ITEM		
ITEM	P/N	DESCRIPTION	S/N	P/N	DESCRIPTION	S/N
UNIT	174232-93	CREW MASK, SWEEP-ON 2000	37554	174232-93	CREW MASK, SWEEP-ON 2000	37554
SUB 1	172812-02-G	REG. ASSY. PRESSURE BREATHING	37554	172812-02-G	REG. ASSY. PRESSURE BREATHING	37554

SHOP FINDINGS

UNIT	174232-93	CREW MASK, SWEEP-ON 2000	37554	SUPS: No
QTY	PARTNUMBER	DESCRIPTION		DISCREPANCY / REASON / ACTION
1.00	841007-00-D	CRTN 9.25x8.75x8.750 200/A		SHIPPING MATERIAL / SHIPPING MATERIAL / Supplied
2.00	850021-00-0	LABEL, CAUTION		SHIPPING MATERIAL / SHIPPING MATERIAL / Supplied
1.00	862220-01-B	DECAL, SELECTOR KNOB		DEGRADED / Worn / Replaced & scrapped
1.00	862312-00-A	SEAL, TAMPER		DEGRADED / Worn / Replaced & scrapped
1.00	862917-00-B	LABEL, OPERATION INSTR		SHIPPING MATERIAL / SHIPPING MATERIAL / Supplied

MODIFICATIONS

FORM	DEPARTMENT	EMAIL	SHOPFINDING REPORT APPROVED BY	PAGE
08-4-04-08-PB9R229N	Repair Station	Oxygen_Repair@beaerospace.com	27-Oct-2021	1 / 2

Tanya Christor
27 Oct 2021

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: SO 32237555-1.000	
4. Organization Name and Address: BE Aerospace Inc. 15701 W 95th Street Lenexa, KS 66219 FAA REPAIR STATION # PB9R229N EASA REPAIR STATION # EASA.145.5461					5. Work Order/Contract/Invoice number: PO 300806059	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1.000	CREW MASK, SWEEP-ON 2000	174232-93	1	37554	TESTED	
12. Remarks: B/E Aerospace Inc. Repair Station certifies work was performed in accordance with FAA approved data. The full details of work carried out, including all service documentation and Engineering data used to perform the work, is specified on attached shop finding report order number 32237555. Reference customer Hours & Cycles: TSI: 0 / TSN: 0 / TSO: 19, CSI: 0 / CSN: 0 / CSO: 0 B/E Aerospace Inc. Repair Station 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 component is considered ready for release to service under EASA Part-145 Approval Number EASA 145-5461.						
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☒ 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/mm/yyyy):		LaTanya L. Christor 14d. Name (Typed or Printed):		PB9R229N 14e. Date(dd/mm/yyyy): 27/Oct/2021

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.



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
9NOV21	N16DF	50500167	2059.7	1192

REPAIRED THE FOLLOWING ITEMS:

- COPILOTS O2 MASK RESTORATION: REPLACED COPILOTS O2 MASK WITH TESTED UNIT IAW PHENOM 300 AMM 35-11-02. OPS CHECK GOOD. P/N ON AND OFF 174232-93 S/N ON 37554 S/N OFF 26507.
- HYD SHUTOFF VALVE OPS CHECKS: C/W OPS CHECK OF HYD SHUTOFF VALVES IAW PHENOM 300 AMM 29-15-04. OPS CHECK GOOD.
- FMS UPDATES: C/W FMS DATABASE UPDATES IAW PHENOM 300 AMM 34-60-00. CYC 2111 EXPIRES 2DEC21
- CHARTS UPDATE: C/W CHARTS DATABASE UPDATES IAW PHENOM 300 AMM 34-60-00. CYC 2123 EXPIRES 25NOV21
- UPDATE SAFE TAXI DATA BASE: C/W SAFETAXI DATABASE UPDATES IAW PHENOM 300 AMM 34-60-00. CYC 21S5 EXPIRES 2DEC21.
- UPDATE OBSTACLES DATABASE: C/W OBSTACLES DATABASE UPDATES IAW PHENOM 300 AMM 34-60-00. CYC 21B5 EXPIRES 2DEC21.
- UPDATE AIRPORTS DATABASE: C/W AIRPORTS DATABASE UPDATES IAW PHENOM 300 AMM 34-60-00. CYC 21D5 EXPIRES 2DEC21

I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order AOG-35648

Signed

for Constant Aviation CRS# WC7R346J
5211 Secondary Road, Cleveland, Ohio 44135



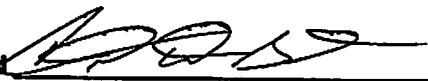
AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
11OCT21	N16DF	50500167	2030.5	1179

REPAIRED THE FOLLOWING ITEMS:

- RH AFT SEAT LATCH ADJUSTMENT CABLE REMOVED FOR USE ON VIP SEAT, PER CUSTOMER REQUEST: REPLACED WITH NEW RH AFT SEAT LATCH ADJUSTMENT CABLE, IAW GOODRICH CMM 25-25-32. OPS CHECKS GOOD . SEAT REACTIVATED. CABLE P/N AND OFF ES064A237 SWAGE P/N ON 8047C.
- CHECK AND SERVICE HYD SYSTEM: SERVICED HYD SYSTEM WITH .5 QTS BRAYCO 881, IAW PHENOM 300 AMM 12-00-09

I certify that this Airframe has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order AOG-35125

Signed  for

Constant Aviation CRS# WC7R346J
5211 Secondary Road, Cleveland, Ohio 44135



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
30Sep21	N16DF	50500167	2022.3	1175

REPAIRED THE FOLLOWING ITEMS:

- VIP SEAT STUCK IN /VB POSITION; REPLACED VIP SEAT LOCK CABLE WITH SERVICEABLE REMOVED CABLE, REMOVED FROM RH AFT SEAT, IAW GOODRICH CMM 25-25-32. OPS CHECK GOOD. P/N ON AND OFF ES064A237, NSN.
- PER CUSTOMER REQUEST, RH AFT SEAT, SEAT ADJUSTMENT CABLE REMOVED FOR USE ON VIP SEAT: DEACTIVATED RH AFT PASSENGER SEAT IAW PHENOM 300 AMM 25-21-01. SEAT MARKED INOP. REMOVED P/N ES064A237
- E-HATCH VELCRO MISSING: REPLACED VELCRO ON EMERGENCY DOOR HANDLE COVER IAW PHENOM 300 AMM 20-10-00.

I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order AOG- 35108

Signed

for Constant Aviation CRS# WC7R346J
5211 Secondary Road, Cleveland, Ohio 44135

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE: Embraer Phenom 300

Work Order : 10926 and 10924

SERIAL NO. : 505 00167

Reg. No. : N16DF

The following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
Work Order 10926		
2.5	25-44-01	Adjusted LAV Pocket Door Lower Flap Door Rollers as Needed
2.1	33-26-02	MED Doorstep Light Operation Check
2.1	33-26-02	MED Lower Doorstep Light Assy Removal/ Installation [P/N Off/On: 5345-00 S/N Off/On: N/A Batch On: C013550984 (New)]
		F-100-01 Embraer ANAC# 2020-036/ COP E-7203-01 FTN 2003438944 dated 11 Jun 2021
2.2	MEP08-031	Cleaned and Lubricated Aft Cargo Door Latch Pins
2.3		Polished all Brightwork Surfaces
Work Order 10924		
1.35	34-61-00	Updated Charts and Nav Databases. NAV, Safe Taxi, Obstacles and Airport Directory expire on 7/OCT/2021. Chart database expires on 16/SEP/2021.

Aircraft Total Time: 1,988.6

Aircraft Total Landings: 1,157

I certify that this aircraft/engine has been inspected/repared in accordance with current Federal Aviation Regulations. All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

September 8, 2021

Alfred A. Chacon
Alfred Chacon (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 2 of 2

MODEL/TYPE: Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **10924**
Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

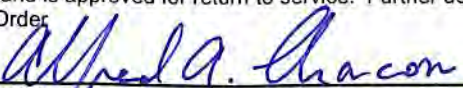
1.13	35-11-00-001	Operational Check of Crew Oxygen Mask and Stowage Box
1.14	35-11-02-001	Detailed Visual Inspection of Left Crew Oxygen Mask
1.14	35-11-02-001	Detailed Visual Inspection of Right Crew Oxygen Mask
1.29	38-33-05	Replaced Toilet Waste Drain Cable Assembly [P/N Off/On: 065047, S/N Off: Unknown, Serial/Batch # On: C015155489 (New)] Form F-100-1 Embraer (ANAC # 9705-05) FTN 2002520792 dated 02/ABR/2019
1.34	38-33-06	Replaced Dump Chute Drain Cable Assembly [P/N Off/On: 505-28073-403, S/N Off: Unknown, Serial/Batch # On: C020106110 (New)] Form F-100-1 Embraer (ANAC # 2013C09-04) FTN 2002933103 dated 01/MAR/2020
1.21	55-20-04-001	Internal General Visual Inspection of Elevator Mass-Balance Weight and Attachments
1.22	55-20-04-002	Special Detailed Inspection (Borescope Method) of Mass-Balance Weight Attachments
1.23	55-40-04-002	Internal General Visual Inspection of Rudder Adjustable Mass-Balance Weight and Attachments
1.24	55-40-04-003	Special Detailed Inspection (Borescope Method) of Rudder Fixed Mass-Balance Weight and Attachments
1.25	57-60-00-001	External Detailed Visual Inspection of the Aileron
5.4	71-00-00-760-823	No. 1 Engine - Clearing TLD (Time Limited Dispatch)
5.4	71-00-00-760-823	No. 2 Engine - Clearing TLD (Time Limited Dispatch)
5.5	72-00-02-810-801	No. 1 Engine - Check Electronic Engine Control (EEC) Fault Isolation
5.5	72-00-02-810-801	No. 2 Engine - Check Electronic Engine Control (EEC) Fault Isolation
5.1	73-10-05-212-801	No. 1 Engine - General Visual Inspection (GVI) of the Fuel Filter Element
5.1	73-10-05-212-801	No. 2 Engine - General Visual Inspection (GVI) of the Fuel Filter Element
6	74-20-01	LH Engine Outboard Spark Plug Igniter - Removal / Installation [P/N Off/On: 3070508-01 S/N Off/On: N/A (New)] Form One Pratt & Whitney (Approved Organization # 4-58) FTN 800369518-0001613782879 Dated 14 Jun 2021
5.6	74-20-01	Performed Operational Check of the LH Engine Outboard Spark Plug Igniter

Aircraft Total Time: 1,988.6

Aircraft Total Landings: 1,157

I certify that this aircraft/engine has been inspected/repared in accordance with current Federal Aviation Regulations. All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

August 27, 2021


Alfred Chacon Signature of Authorized Representative
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 2

MODEL/TYPE: Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : 10924
Reg. No. : N16DF

The following **MAINTINENCE/INSPECTIONS** were accomplished:

Sqwk #	TASK/MM	Description
5.2	051254	No. 1 Engine - 800 Hours/ 12 Months Inspection
5.3	051254	No. 2 Engine - 800 Hours/ 12 Months Inspection
1.15	05-30-80	12 MO Maintenance Package
1.16	05-30-81	24 MO Maintenance Package
1.17	05-30-83	48 MO Maintenance Package
1.18	22-11-00-001	Functional Check Tail Cone GSA 80 High Speed Autopilot Servo
1.18	22-11-00-001	Functional Check Aileron GSA 81 Low Torque Autopilot Servo
1.18	22-11-00-001	Functional Check Elevator GSA 81 Low Torque Autopilot Servo
1.18	22-11-00-001	Functional Check Rudder GSA 81 Low Torque Autopilot Servo
1.33	23-61-01	LH Wing Tip Static Discharger Removal/ Installation [P/N Off/On: 2-31SCY S/N Off: Unknown, Serial/Batch No. On: 2003432924 (New)] Form F-100-1 Embraer (ANAC #DQI 2020-011/COP E-7203-01) FTN 2003432924 dated 31/May/2021
1.19	25-21-04-003	Detailed Visual Inspection of Seat Belt Airbag Assembly
1.19	25-21-04-004	Operational Check of Seat Belt Airbag Assembly
1.20	25-61-00-001	Operational Check Emergency Locator Transmitter of ELT System
1.20	25-61-00-002	General Visual Inspection Emergency Locator Transmitter of Emergency Locator Transmitter
1.26	26-24-01-001	Weight Check of Cockpit Portable Fire Extinguisher
1.26	26-24-01-001	Weight Check Cabin Portable Fire Extinguisher
1.30	28-23-01	Replaced Refuel Control Panel [P/N Off/On: 742388-1-2, S/N Off: 742388IN00304, S/N On: 742388IN00304 (Inspected)] 8130-3 Safran Aerosystems (Approval/Certificate No. I2XR2050) FTN 0000779212 dated 28/Dec/2020
1.4	30-31-00-002	Operational Check IASP Probe and Pitot Static Heating
1.31	30-41-01	Replaced Windshield Rain Repellent Coating [P/N Off/On: DSS4015, S/N Off: Unknown, Serial/Batch No. On: 8010346466 (New)] Embraer (ANAC # DQI 2020-011/COP E-7203-01) FTN 2003372715 dated 25/JAN/2021
1.28	31-31-00-002	Operational Check of CVR (Cockpit Voice Recorder)
1.5	32-11-00-003	Lubrication of Main Landing Gear
1.6	32-11-03-004	Servicing of Main Landing Gear Shock Absorber
1.5	32-21-00-003	Lubrication of Nose Landing Gear
1.6	32-21-05-004	Servicing of Nose Landing Gear Shock Absorber
1.7	32-35-00-001	Functional Check of Landing Gear Emergency Extension System
1.8	32-35-00-002	General Visual Inspection OF Emergency Extension System Linkages
1.27	33-52-01-001	Functional Check LH Rear Emergency Light Battery (Aircraft BE Aerospace Battery)
1.27	33-52-01-001	Functional Check RH FWD Emergency Light Battery (Aircraft BE Aerospace Battery)
1.9/16	34-11-00-001	Functional Check IESI - Integrated Electronic Standby Instrument of Integrated Electronic Standby Instrument
1.10/16	34-11-02-001	Restoration (Cleaning) of Pitot/ Static Probe
1.11/16	34-15-00-003	Detailed Inspection of IASP (Integrated Electronic Standby Instrument)
1.12	34-23-00-001	Functional Check Magnetic Compass of Standby Compass
1.16	34-52-00-001	Functional Check of No. 1 Transponder System
1.16	34-52-00-001	Functional Check of No. 2 Transponder System

I certify that the altimeter and static system tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 14 CFR 91.413, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

IASP No. 1

P/N: PN 2015L-4B
S/N: 0229

IASP No. 2

P/N: 2015L-4B
S/N: 0550

#1 TRANSPONDER

P/N: 9006000
S/N: NXE11625

#2 TRANSPONDER

P/N: 9006000
S/N: NXE11649

Electronic Standby Instrument

P/N: C16786DA01
S/N: C16786005129

The ADC's and Altimeters were tested to 50,000 feet on 16 Aug 2021
The Transponders were tested on 16 Aug 2021
Static System leak test completed on 16 Aug 2021

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE: Embraer Phenom 300

SERIAL NO. : 505 00167

Work Order : **10870**

Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

Sqwk #	TASK/MM	Description
1.4	12-14-00	Serviced LH MLG Tire
1.4	32-45-00	LH Main Wheel and Tire Assy [P/N Off/On: 505-19517-611, S/N Off: 5049SG, S/N On: 5048RE (Overhauled)]
1.4	32-45-01	Embraer (Approval/Certificate No: 1MB3176B) 8130-3 FTN: W12982 Dated: 01/JUN/2021 Left Main Wheel [PN Off/On: DAP00098-02, S/N Off: 5049SG, S/N On: 5048RE (Overhauled)]
1.4	32-45-02	Embraer (Approval/Certificate No: 1MB3176B) 8130-3 FTN: W12982 Dated: 01/JUN/2021 Left Main Wheel Tire [P/N Off/On: 258K63-2, S/N Off: 92682670, S/N On: 10370649 (NEW)]
1.4	32-45-01-003	Embraer (Approval/Certificate No: 1MB3176B) 8130-3 FTN: W12982 Dated: 01/JUN/2021 Restoration (Overhaul) of LH Main Landing Gear Wheel Assembly
1.4	SL SL505-32-0012	Landing Gear-Wheel Assembly Overhaul, Service Letter

Aircraft Total Time: 1979.4 Aircraft Total Landings: 1149

I certify that this aircraft/engine has been inspected/repared in accordance with current Federal Aviation Regulations. All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

July 21, 2021


Michael Huerta (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE: Embraer Phenom 300

SERIAL NO. : 505 00167

Work Order : **10757**

Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	36-11-01	Left Pylon Bleed Pressure Regulating Shut-Off Valve Removal/ Installation [P/N Off: RYLB-53505-3 P/N On: RYLB-53505-5 S/N Off: 0198 S/N On: 0340 (Modified)] 8130-3 GE Aviation Systems A/C# KA2R945K FTN REP833638/223479 dated 03 Jun 2021
1.4	36-11-01	Perform Operational/ Leak Check of the Left Pylon Bleed Pressure Regulating Shut-Off Valve

Aircraft Total Time: 1,973.8

Aircraft Total Landings: 1,142

I certify that this aircraft/engine has been inspected/repared in accordance with current Federal Aviation Regulations. All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

July 14, 2021


Michael Huerta (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

MODEL/TYPE: PHENOM 300

SERIAL NO: 50500167

Page: 1 of 1

WORK ORDER: 10728

REG. NO: N16DF

The following **INSPECTION/MAINTENANCE** was accomplished.

<u>Date</u>	<u>Sqwk #</u>	<u>CAMP# / MM</u>	<u>Description</u>
07/03	1.1	22-11-00	CMC download was sent to Embraer contact center on Friday July 2 nd 2021. creating Case No: EEJ-04197469. AS per the recommendation carried out steps for the Failure of DISC pushbutton Per Phenom 300 FIM 22-11-00-810-828-A. By resetting the AFCS servo, GIA 1 & GIA 2 CBs, the fault cleared. The autopilot was vigorously exercised but fail to replicate the fault, ending the troubleshooting process. The crew was asked to start and taxi the aircraft, and the fault was not able to be replicated. Carried out Download of the GIAs maintenance logs per Phenom 300 AMM 31-41-05-970-801-A. Copy of the downloads was sent to avionics@garmin.com and Embraer contact center as requested.

Aircraft Total Time: 1965.5 Aircraft Total Landing: 1136

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No: **10728**.

July 3, 2021
(Date Signed)



Sam Smith (Signature of Authorized Representative) CRS# 4XGR883C

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE: Embraer Phenom 300
SERIAL NO. : 505 00167Work Order : **10290**
Reg. No. : **N16DF**The following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	29-12-04	Differential Pressure Indicator Removal/ Installation P/N Off/On: 3032408-323 S/N Off: 0496 S/N On: 1452 (New) F-100-01 Embraer ANAC# 2013C09-04 FTN 2002765466 Dated 21 Sep 2019
1.4	29-12-04	Differential Pressure Indicator Removal/ Installation P/N Off/On: 3032408-323 S/N Off: 0495 S/N On: 1488 (New) F-100-01 Embraer ANAC# 2010C11-13 FTN 2002873691 Dated 22 Nov 2019
1.4	29-12-04	Filter Assy Removal/ Installation P/N Off/On: 3032408-329 S/N Off/On: N/A (New) F-100-01 Embraer ANAC# DQI 2020-001/ COP E-7203-01 FTN 2003420275 Dated 08/May/2021
1.4	29-12-04	Filter Assy Removal/ Installation P/N Off/On: 3032408-329 S/N Off/On: N/A (New) F-100-01 Embraer ANAC# DQI 2020-001/ COP E-7203-01 FTN 2003415735 Dated 28/MAY/2021
1.4	29-12-04	Perform Operational and Leak Check

Aircraft Total Time: 1,929.4

Aircraft Total Landings: 1,114

I certify that this aircraft/engine has been inspected/repared in accordance with current Federal Aviation Regulations. All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at Repair Station under the above Work Order

May 11, 2021
Joe Bennett
CRS-BKER301L

Signature of Authorized Representative)

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167
Work Order : **10191**
Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

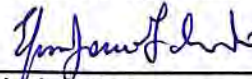
Sqwk #	TASK/MM	Description
1.4	12-15-03	Serviced Waste Tank
1.4	38-33-04	Toilet Drain Valve Removal/ Installation P/N Off/On: 9147-100000-00A, S/N: NSN (New) F-100-01, EMBRAER (# 2001C12-16), FTN: 2002811524, Dated: 15/OCT/2019
1.4	38-33-13	Leak/ops check the drain valve and waste tank flushing system with satisfactory results.
1.5	34-61-00-470-804-A	Update Charts. Expires: 29/APR/2021
2.1	31-61-00	No. 1 (GDU1240A, 12IN/GDU1400W, 14IN) MFD AMLCD Display Removal/ Installation P/N Off/On: 011-01910-10, S/N Off: 1F1105119, S/N On: 1F1105348 (Repaired) 8130-3 Garmin (# G6XR582Y), FTN: RMA 121141910, Dated: 13/APR/2020.
2.1	31-61-00-001	Operational check MFD 1 flight display system (annual and automatic reversion mode).
2.2	IM D24733	L-3 reconfiguration per Gogo L3 advance. No further defects noted.

Aircraft Total Time: 1,907.8

Aircraft Total Landings: 1,095

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

April 16, 2021


Efrain J. Galindo Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **10002**
Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

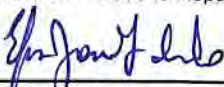
Sqwk #	TASK/MM	Description
1.4	12-11-00	Fuel Tank Leak Check
1.7	24-36-01-005	Functional Check Forward Main Battery
1.7	24-36-01-005	Functional Check Aft Main Battery
1.6	24-36-01	FWD Main Battery Removal/ Installation P/N Off: 7639-34, P/N On: RG-390E, S/N Off: G03047045, S/N On: 41092073 (New) 8130-3, Concorde Battery (# 760281446), FTN: 22373-20, Dated: 10/JUN/2020
1.6	24-36-01-003	Discard forward main battery.
1.6	24-36-01-005	Functional check forward main battery – (Post-Mod SB 505-24-0015)
1.6	24-36-01	AFT Main Battery Removal/ Installation P/N Off: 7639-48P, P/N On: RG-380E/44, S/N Off: G03047100, S/N On: 70012681 (New) 8130-3, Concorde Battery (# 897521554), FTN: 701079-20, Dated: 04/DEC/2020
1.6	24-36-01-003	Discard AFT main battery
1.6	24-36-01-005	Functional check aft main battery – (Post-Mod SB 505-24-0015)
1.4	28-45-01/400	L Fuel Low Pressure Switch Removal / Installation P/N Off/On: D98C07-611, S/N Off: 1038, S/N On: 1109 (Swapped)
1.4	28-45-01/400	R Fuel Low Pressure Switch Removal / Installation P/N Off/On: D98C07-611, S/N Off: 1109, S/N On: 1038 (Swapped)
1.5	32-43-00-720-801-A	Performed Emergency / Parking Brake Functional Check
1.5	32-43-03-640-801-A	Lubricated Emergency / Parking Brake Handle Assembly
1.1	34-10-01	Radio Altimeter – Removal/Installation P/N Off/On: 066-01153-0101, S/N Off: KRA405B-14166, S/N On: KRA405B-20222 (Tested) 8130-3 Honeywell (# PR2R093L) FTN: 20210008883249Y15 340941173, Dated: 12/JAN/2021
2.1	34-31-00-820-801-A/500	Radio Altimeter – Operational Check
2.1	34-31-00-820-801-A/500	Radio Altimeter Zero Feet Offsetting Procedure
1.6	STC# SA00959DE	Complied with STC. Replaced both main batteries with Concorde Lead-Acid batteries.

Aircraft Total Time: 1,891.3

Aircraft Total Landings: 1,087

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

March 20, 2021


Efrain J. Galindo (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

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MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **9955**
Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	27-03-01	Performed functional check of pitch trim actuator with satisfactory results.
1.4	27-41-01	Pitch trim actuator removal/installation

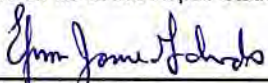
P/N Off/On: 467500-1003, S/N Off: 0210, S/N On: 0303 (Repaired)
8130-3, Parker Hannifin (# AU44063M), FTN: RZ02326-1, Dated: 18/JAN/2021

Aircraft Total Time: 1,886.3

Aircraft Total Landings: 1,084

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

February 27, 2021


Efrain U. Galindo (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

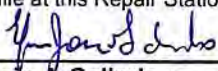
Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167Work Order : 9788
Reg. No. : N16DFThe following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	25-62-01	First Aid Kit Removal/ Installation P/N Off/On: 019708-0005L; S/N NSN; LOT #: 8010341273 (New) F-100-01 EMBRAER (#DQI 2020-001/COP E-7203-01); FTN: 2003370193; Dated: 19/JAN/2021.
1.4	25-62-01-001	Visual Check First Aid Kit

Aircraft Total Time: 1,881.5**Aircraft Total Landings: 1,080**

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

January 22, 2021

Efraim J. Galindo (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **9688**
Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
2.1	D34119-008	Update Gogo Software to Version 4.1 IAW Gogo Document D34119-008
1.4	27-30-01	No. 1 FCE Removal/ Installation [P/N Off/On: 462900-1017 S/N Off: 0113 S/N On: 0061 (Swapped)]
1.4	27-30-01	No. 2 FCE Removal/ Installation [P/N Off/On: 462900-1017 S/N Off: 0061 S/N On: 0113 (Swapped)]
1.4	27-30-01	Perform Rigging on Flaps and Spoilers
1.4	27-30-01	Perform Operational Check of Flaps, Spoilers and Pitch Trim

Aircraft Total Time: 1,881.5

Aircraft Total Landings: 1,080

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

January 14, 2021


Michael Huerta (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **9668**
Reg. No. : **N16DF**

The following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	12-14-00-610-801-A	Serviced Nose and Main Wheel Tires

Aircraft Total Time: 1,879.8

Aircraft Total Landings: 1,078

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

January 6, 2021



Michael Huerta (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : 9358
Reg. No. : N16DF

The following **MAINTENANCE/INSPECTIONS** were accomplished:

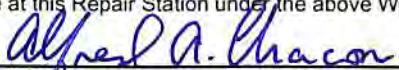
Sqwk #	TASK/MM	Description
1.6	12-13-00-610-802-A/300	Serviced Hydraulic Reservoir
1.4	12-15-03	Flushed debris out of the Lav System and serviced to proper level. Operational / leak check good
1.6	29-10-00-860-801-A/200	Performed Bleeding of Air from the Main Hydraulic System
1.6	32-40-00-870-801-A/200	Performed Bleeding of Air from the Normal Brake and Emergency / Parking-Brake Systems
1.6	32-43-00-710-801-A/500	Operational Check of the Emergency/ Parking-Brake System
1.6	32-43-00-820-801-A/500	Perform Adjustment of the Emergency/ Parking-Brake System
1.6	32-43-02-400-801-A	Remove and Replaced Emergency Parking Brake Valve [P/N Off/On: DAP00107-01, S/N Off: 64LW, S/N On: 92HJ (Modified)] 8130-3 Meggitt Aerospace Limited (Certificate/Approval Ref. No. UK.145.011081) FTN 86040696-10300 dated 01/17/2019
1.5	34-31-00-820-801-A	Radar Altimeter-Zero Feet Calibration
1.5	34-41-00-710-801-A	Terrain Awareness and Warning System Operational Test
1.7	35-01-04	Secured Control Cable Actuating Knob of the Oxygen System Control Cable
1.7	35-01-04	Perform Operational Check of the Oxygen System

Aircraft Total Time: 1,871.6

Aircraft Total Landings: 1,071

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

November 12, 2020


Alfred Chacon (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

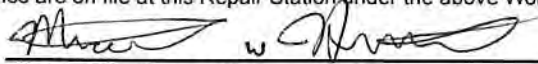
Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167Work Order : 9050
Reg. No. : N16DFThe following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	12-15-03	Flushed, Serviced, and Functional Checked Lav System
1.5	25-21-04-001	Restoration (Divan Airbag System) Electronic Module Assy (Overhaul) of Seat Belt Airbag System P/N Off/On: 3DAB0426501 S/N Off: Unknown On: 8010279036 (New) F-100-01 Embraer (ANAC Authorization DQI 2020-025/ COP E-7203-01) FTN 2003009077 Dated 12/Oct/20
1.5	25-21-04-001	Divan Airbag System Electronic Module Assy Operational Check

Aircraft Total Time: 1,859.4 Aircraft Total Landings: 1,063

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

October 21, 2020**Michael W. Hummel** (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 2 of 2

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **8818**
Reg. No. : **N16DF**

The following **MAINTENANCE/INSPECTIONS** were accomplished:

1.23	32-45-01	RH Main Wheel Tire Removal/ Installation [P/N Off/On: 258K63-2 S/N Off: 90242976 On: 93472721 (New)] 8130-3 Embraer (A/A 1MB3176B) FTN W10916 Dated 26/JUN/2020
1.22	32-45-11	Nose Wheel Assembly - Removal/ Installation [P/N Off/ON: 505-19601-607, S/N Off: 5091QE On: 5050QH (Overhauled)] 8130-3 Embraer (Approval/Certificate No. 1MB3176B) FTN W9294 dated 30/AUG/2019
1.22	32-45-11	Nose Wheel Tire Removal/ Installation [P/N Off/On: 156E23-1 S/N Off: On: 90792996 (New)] 8130-3 Embraer (Approval/Certificate No. 1MB3176B) FTN W9294 dated 30/AUG/2019
1.29	33-21-01-400-801	Cabin RH Forward Upwash Light Removal/ Installation [P/N Off/On: 8801280-500000 S/N Off: N/A On: 8004353704 (New)] Form 003 Embraer (A/A 2001C12-16) FTN 2001235287 dated 12/FEB/16
1.29	33-21-00-710-801-A	Performed Operational Check Cabin RH Fwd Light
1.14	33-52-01-001	Functional Check LH Rear Emergency Light Battery
1.14	33-52-01-001	Functional Check RH FWD Emergency Light Battery
1.11	35-11-00-001	Operational Check of Crew Oxygen Mask and Stowage Box
1.21	57-60-04-001	Special Detailed Inspection (Borescope Method) of Aileron Mass-Balance and Attachments
5.3	71-00-00-760-823	No. 1 Engine - Clearing TLD (Time Limited Dispatch)
5.3	71-00-00-760-823	No. 2 Engine - Clearing TLD (Time Limited Dispatch)
5.4	72-00-02-810-801	No. 1 Engine - Check Electronic Engine Control (EEC) Fault Isolation
5.4	72-00-02-810-801	No. 2 Engine - Check Electronic Engine Control (EEC) Fault Isolation
5.5	73-10-05-212-801	No. 1 Engine - General Visual Inspection of the Fuel Filter Element
5.5	73-10-05-212-801	No. 2 Engine - General Visual Inspection of the Fuel Filter Element

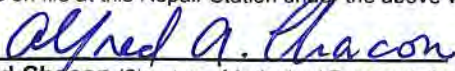
The following **Bulletin** was accomplished.

<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1.12	51-60-02	SB 505-55-0004 (Part 1) Elevator Mass Balance and Attachment Parts Replacement

Aircraft Total Time: 1,832.6 Aircraft Total Landings: 1,049

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

August 14, 2020


Alfred Chacon (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **8818**
Reg. No. : **N16DF**

The following **MAINTENANCE/INSPECTIONS** were accomplished:

Sqwk #	TASK/MM	Description
5.1	051254	No. 1 Engine 600 Hours/ 12 Months Inspection
5.2	051254	No. 2 Engine 600 Hours/ 12 Months Inspection
5.1	05-20-00	No. 1 Engine - Operational & Leak Checks
5.2	05-20-00	No. 2 Engine Operational & Leak Checks
1.7	05-30-80	12 Month Maintenance Package
1.26	12-13-00-610	Serviced Hydraulic Reservoir
1.22	12-14-00	Serviced Nose Wheel Tire
1.23	12-14-00	Serviced RH Main Tire
1.11	12-16-00	Serviced Oxygen
1.4	12-17-00	Serviced VCS. Performed Leak Check and Performed Functional Check
1.24	20-10-08	Removed and Replaced Emergency Exit Door Placards ("Push to Open" and "EXIT")
1.4	21-42-01	CDM Compressor - Removal /Installation [P/N Off/On: 1133130-5, S/N Off: 2558 On: 2088 (Overhauled)] 8130-3 Safran Ventilation Systems (Approval/Certification No. BD2R712K) FTN WW203854 dated 07/22/2020
1.4	21-52-01-004	Restoration (Overhaul) CDM - Compressor
1.4	21-52-07	Receiver / Dryer Assembly - Removal /Installation [P/N Off/On: 1134275-12, S/N Off/On: US00201159 (New)] Form F-100-01 (ANAC Authorization 2007C08-02) FTN 2002585838 dated 05/17/2019
1.8	22-11-00-001	Functional Check Tail Cone GSA 80 High Speed Autopilot Servo
1.8	22-11-00-001	Functional Check Aileron GSA 81 Low Torque Autopilot Servo
1.8	22-11-00-001	Functional Check Elevator GSA 81 Low Torque Autopilot Servo
1.8	22-11-00-001	Functional Check Rudder GSA 81 Low Torque Autopilot Servo
1.9	24-36-01-005	Functional Check Forward Main Battery in accordance with CMM 24-36-01
1.9	24-36-01-005	Functional Check Aft Main Battery in accordance with CMM 24-36-01
1.25	25-00-21	Paint Touch Up of Bare Metal Surfaces
1.10	25-61-00-001	Operational Check Emergency Locator Transmitter of ELT System
1.10	25-61-00-002	General Visual Inspection Emergency Locator Transmitter. ELT Battery Expires 03-2025
1.27	25-62-01	First Aid Kit Removal/ Installation. Expires: 12-2020 [P/N Off/On: 019708-0005L, S/N Off/On: 8009672208 (New)] F-100-01 Embraer (ANAC 2018C04-01) FTN 200262011 dated 12/JUN/19
1.16	25-62-01-001	Visual Check First Aid Kit
1.5	26-24-01-001	Weight Check of Cabin Portable Fire Extinguisher. Weight 3.224 lbs.
1.5	26-24-01-001	Weight Check of Cockpit Portable Fire Extinguisher. Weight 3.381 lbs.
1.28	27-11-01	Removed Aileron Assy. Cleaned, Removed Surface Corrosion and Inspected all Weights. Re-Installed Aileron Assembly. [P/N Off/On: 505-14740-4001, S/N Off/On: 0000773570 (Mx Convenience)]
1.28	27-11-01-720-801-A/500	Functional Check Aileron Surface
1.18	27-11-02-001	Functional Check of Aileron Control Cables Tension
1.19	27-21-02-001	Functional Check of Rudder Control Cables Tension
1.20	27-31-02-001	Functional Check of Elevator Control Cables Tension
1.26	29-10-00-860	Performed Hydraulic System Bleeding
1.13	31-31-00-002	Operational Check of CVR (Cockpit Voice Recorder)
1.6	32-21-00-003	Lubrication of Nose Landing Gear
1.6	32-11-00-003	Lubrication of Main Landing Gear
1.15	32-11-03-004	Servicing of Main Landing Gear Shock Absorber
1.15	32-21-05-004	Servicing of Nose Landing Gear Shock Absorber
1.26	32-21-02	NLG Retract Actuator Removal/ Installation [P/N Off/On: 2117-1000-401, S/N Off: 00193 On: 00327 (Repaired)] 8130-3 West Star Aviation (A/A WTXR173J) FTN 50084-2.2 dated 05/Mar/2020
1.6	32-31-00-720-801	Performed Landing Gear Functional Check in Normal Conditions
1.6	32-35-00-710	Performed Emergency Operation of the Landing Gear
1.23	32-45-01	RH Main Wheel Assembly Removal/ Installation [P/N Off/On: 505-19517-611, S/N Off: 5039PA, ON: 5145SL (Overhauled)] 8130-3 Embraer (Approval/Certificate No. 1MB3176B) FTN W10916 dated 26/JUN/2020

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : 8424
Reg. No. : N16DF

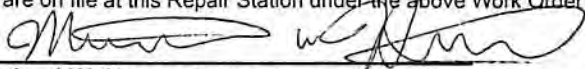
The following **MAINTINENCE/INSPECTIONS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	52-12-25	Removed and Replaced Main Entrance Door Aft Strut [P/N Off/On: USC500-004-1 S/N Off: N/A S/N On: N/A (New)] Brasil Certificate Embraer ANAC# 2001C12-16 Certification No. 2002117264 Dated:13/MAR/2020

Aircraft Total Time: 1,791.6 Aircraft Total Landings: 1,015

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

May 19, 2020


Michael W. Hummel (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : Embraer Phenom 300
SERIAL NO. : 505 00167

Work Order : **8158**
Reg. No. : **N16DF**

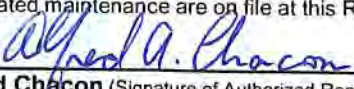
The following **MAINTENANCE/INSPECTIONS** were accomplished:

Sqwk #	TASK/MM	Description
1.4	05-30-20	1800 Flight Hours Maintenance Package
1.10	21-52-00	Inspected, cleaned VCS High Pressure Switch Connections. Air Condition System ops check good
1.5	27-51-01-002	Detailed Visual Inspection Left No. 3 Outboard Flap Actuator
1.5	27-51-01-002	Detailed Visual Inspection Right No. 3 Outboard Flap Actuator
1.6	27-51-01-002	Detailed Visual Inspection Left No. 2 Outboard Flap Actuator
1.6	27-51-01-002	Detailed Visual Inspection Right No. 2 Outboard Flap Actuator
1.7	27-51-01-002	Detailed Visual Inspection Left No. 1 Inboard Flap Actuator
1.7	27-51-01-002	Detailed Visual Inspection Right No. 1 Inboard Flap Actuator
1.5	27-51-900-801-01	Left No. 3 Outboard Flap Actuator – Discard [P/N Off: 475000-1009, P/N On: 475000-1013, S/N Off: 0398, S/N On: 0263 (Modified)] 8130-3 Parker Hannifin Corp, (Approval/Cert. No. AU44063M) FTN R949320-1dated 03/11/2020
1.5	27-51-900-801-02	Right No. 3 Outboard Flap Actuator – Discard [P/N Off: 475000-1009, P/N On: 475000-1013, S/N Off: 0401, S/N On: 0238 (Modified)] 8130-3 Parker Hannifin Corp, (Approval/Cert. No. AU44063M) FTN R903956-1dated 02/13/2020
1.6	27-51-900-801-03	Left No. 2 Outboard Flap Actuator – Discard [P/N Off: 475000-2009, P/N On: 475000-2013, S/N Off: 0788, S/N On: 0403 (Modified)] 8130-3 Parker Hannifin Corp, (Approval/Cert. No. AU44063M) FTN R930856-1dated 01/28/2019
1.6	27-51-900-801-04	Right No. 2 Outboard Flap Actuator – Discard [P/N Off: 475000-2009, P/N On: 475000-2013, S/N Off: 0789, S/N On: 0402 (Modified)] 8130-3 Parker Hannifin Corp, (Approval/Cert. No. AU44063M) FTN R932205-1dated 03/04/2019
1.7	27-51-900-801-05	Left No. 1 Inboard Flap Actuator – Discard [P/N Off: 475000-1009, P/N On: 475000-1013, S/N Off: 0781, S/N On: 0094 (Modified)] 8130-3 Parker Hannifin Corp, (Approval/Cert. No. AU44063M) FTN R886451-1dated 02/13/2019
1.7	27-51-900-801-06	Right No. 1 Inboard Flap Actuator – Discard [P/N Off: 475000-1009, P/N On: 475000-1013, S/N Off: 0793, S/N On: 1968 (Repaired)] 8130-3 Parker Hannifin Corp, (Approval/Cert. No. AU44063M) FTN R947345-1dated 04/19/2020
1.11	27-51-06/400	Replaced LH Outboard Flap Flexible Shaft and Core [P/N Off/On: 457360-1007, S/N Off: N/A, S/N On: SSW1184 (New)] Embraer – Empresa Brasileira de Aeronautica S/A – Brasil, (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form SEGVOO 003 FTN 2002674194 dated 07/25/2019
1.8	32-43-11-001	Emergency/Parking Brake Hydraulic Line Shut-Off Valve - Operational Check

Aircraft Total Time: 1,779.4 Aircraft Total Landings: 1,007

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

March 13, 2020


Alfred Chacon (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 7720
REG. NO. : N16DF

The following **MAINTINENCE/INSPECTIONS** were accomplished:

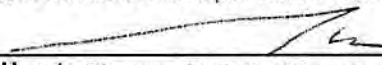
<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	05-30-82	36 Month Maintenance Package
1.6	35-11-04	Removed and Replaced RH Smoke Goggles [P/N ON/OFF: 118077, S/N OFF: NSN, S/N ON: NSN (NEW)] Textron Aviation, (Approval/Authorization No. PC4) 8130-3 FTN: 716 Dated: 23/DEC/19
1.4	35-11-04-001	Detailed Inspection of Crew Goggles – (Aircraft with Smoke Goggles Installed)
1.4	35-21-01-001	Detailed Inspection of Passenger Oxygen Mask

Aircraft Total Time: 1,716.20

Aircraft Total Landings: 958

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

December 24, 2019


Michael Huerta (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER: **7561**
REG. NO. : **N16DF**

The following **SERVICE BULLETIN** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	<u>SB 505-55-A004 R4</u>	Elevator, Aileron, and Rudder Mass Balance Inspection

The following **MAINTINENCE/INSPECTIONS** were accomplished:

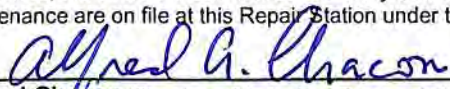
<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.5	51-60-01-720-801	Aileron - Static Balancing
1.6	51-60-02-720-801	LH Elevator Surface - Static Balancing
1.7	51-60-02-720-801	RH Elevator Surface - Static Balancing
1.8	51-60-03-720-801	Rudder - Static Balancing

Aircraft Total Time: 1,697.1

Aircraft Total Landings: 943

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

December 3, 2019



Alfred Chacon (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER: **7533**
REG. NO. : **N16DF**

The following **SERVICE BULLETINS** were accomplished:

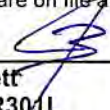
<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.5	12-15-03	Serviced Lav.

Aircraft Total Time: 1,691.7

Aircraft Total Landings: 938

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

November 7, 2019



Joe Bennett
CRS BKER301L

(Signature of Authorized Representative)

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER: 7381
REG. NO. : N16DF

The following **SERVICE BULLETINS** were accomplished:

Sqwk #	TASK/MM	Description
2.1	<u>SB SB505-34-0020</u>	Navigation - NXT-600 NACV Paramater Adjustment

The following **MAINTENANCE/INSPECTION** was accomplished:

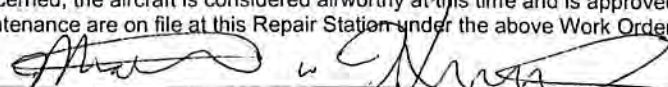
Sqwk #	TASK/MM	Description
2.1	34-52-00-710-801-A/500	Transponder System - Operational Test
2.1	34-52-00-720-801-A/500	Transponder System - Functional Test
1.4	31-61-01	Removal/Installation MFD (GDU1400W) [Removed/Installed P/N 011-01910-10 Removed S/N 1F1105119 Installed S/N 1F1100280 (Repaired)] 8130-3 GARMIN International A/C # G6XR582Y FTN RMA 115592309 Dated 24 Sep 2019
1.6	21-52-01	Removal/Installation Air Conditioner Compressor [Removed P/N 113364-4 Installed P/N 1133640-8 Removed S/N 340 Installed S/N 293 (Modified)] 8130-3 Enviro Systems A/C # BD2R712K FTN WW190663 Dated 09/Oct/2019
1.6	21-52-07	Removal/Installation Air Conditioner Dryer [Removed/Installed P/N 1134275-12 Removed S/N NSN Installed S/N NSN (New)] 8130-3 Embraer A/C # 2001C12-16 FTN 2002373596 Dated 06/DEC/18
1.6	12-17-00	Serviced Air Conditioning System
1.7	31-61-04	Removal/Installation GTC #2 [Removed/Installed P/N 011-01924-10 Removed S/N 1MB501004 Installed S/N 1MB507144 (Repaired)] 8130-3 GARMIN International A/C # G6XR582Y FTN RMA 103771394 Dated 13 Jul 2018
1.7	31-61-04	GTC #2 Software/Configuration and Operational Check
1.7	31-61-04	Flight Management System Operational Check

Aircraft Total Time: 1,672.7

Aircraft Total Landings: 925

I certify that this aircraft/engine has been inspected/repared in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order No:

October 18, 2019


Michael W. Hummel (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 7275
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	33-52-01	FWD Emergency Battery – Removal / Installation. PN OFF 6450LS-00 PN ON 640-13560-00 SN OFF 000612 SN ON 001456. MODIFIED. 8130-3 RADIANT (W9PR345Y) FTN 24327 DATED 27/AUG/2019.
1.4	33-52-01	FWD Emergency Battery – Removal / Installation. PN OFF 6450LS-00 PN ON 640-13560-00 SN OFF 000782 SN ON 001423. MODIFIED. 8130-3 RADIANT (W9PR345Y) FTN 24739 DATED 23/SEP/2019.

Aircraft Total Time: 1,643.7

Aircraft Total Landings: 907

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

September 29, 2019



Joe Bennett (Signature of Authorized Representative)
CRS BKER301L

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

USA - N16DF

08/15/2019

Nationality and Registration Mark

Date

Recovered the pilot and co-pilot seats with similar sheep skins and leather. The following data supports the installation of the new seat covers:

Report No. A080719-01SR, Rev IR dated 08/12/19 - "Substantiation Report - Dress Cover Replacement - Crew Seats - Embraer S.A. Model EMB-505 SN 50500167" approved on FAA form 8110-3 dated August 13, 2019 by David S. Molnar, DERT-510260-CE [Structures].

Report No. A080719-03FP, Rev IR dated 08/07/19 - "Flammability Test Plan - Crew Seats - Embraer S.A. Model 505 SN 50500167" approved on FAA Form 8110-3 dated August 9, 2019 by Paul Nething, DERT-834673-CE [Structures].

Report No. A080719-03FR dated 08/14/19 - "Flammability Test Results - Crew Seats - Embraer S.A. Model 505 SN 50500167" approved on FAA Form 8110-3 dated August 14, 2019 by Paul Nething, DERT-834673-CE [Structures].

Weight and balance change - negligible.

No AFM Supplement required for work performed.

Instructions for Continued Airworthiness continue to be in accordance with the EMB-505 (Phenom 300) Aircraft Maintenance Manual - AMM-2757.

-----Nothing Follows-----

☐ Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA - N16DF	Serial No. 505 00167	
	Make Embraer S. A.	Model 505	Series
2. Owner	Name (As shown on registration certificate) Hollister Aviation LLC	Address (As shown on registration certificate)	
		Address 212 26th ST #151	
		City Santa Monica	State CA
		Zip 90402-2524	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	Embraer S. A.	(As described in Item 1 above)	505 00167
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. BKER301L	
Name	Clay Lacy Aviation	☐	U. S. Certificated Mechanic		
Address	7701 Woodley Avenue	☐	Foreign Certificated Mechanic		
City	Van Nuys	☒	Certificated Repair Station		
Zip	91406	Country	USA	☐	Certificated Maintenance Organization

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual 8/15/19
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	☒ Repair Station	Inspection Authorization	

Certificate or Designation No. BKER301L	Signature/Date of Authorized Individual 08/15/2019
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INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 6437
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

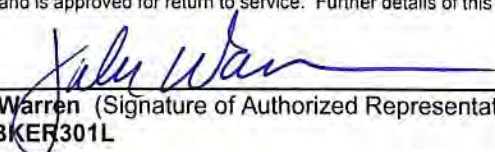
Sqwk #	TASK/MM	Description
3.2	25-11-01-400-801-A	Cockpit seats: Recovered the pilot and co-pilot seats with similar sheep skins and leather. The following data supports the installation of the new seat covers: Report No. A080719-01SR, Rev IR dated 08/12/19 - "Substantiation Report - Dress Cover Replacement - Crew Seats - Embraer S.A. Model EMB-505 SN 50500167" approved on FAA form 8110-3 dated August 13, 2019 by David S. Molnar, DERT-510260-CE [Structures]. Report No. A080719-03FP, Rev IR dated 08/07/19 - "Flammability Test Plan - Crew Seats - Embraer S.A. Model 505 SN 50500167" approved on FAA Form 8110-3 dated August 9, 2019 by Paul Nething, DERT-834673-CE [Structures]. Report No. A080719-03FR dated 08/14/19 - "Flammability Test Results - Crew Seats - Embraer S.A. Model 505 SN 50500167" approved on FAA Form 8110-3 dated August 14, 2019 by Paul Nething, DERT-834673-CE [Structures]. See FAA Form 337 dated this date.
3.3	25-12-05-400-801-A	Cockpit flooring material removed and new cockpit flooring material, installed. Flammability Test Results- Skandia W/O # 360305-19, Doc ID 12NW-437374 and cockpit flooring material specs., BURL STRUCTURE CHARCOAL
3.1	25-24-01-400-801-A	Carpet removed, and new carpet installed. Flammability Test Results - Skandia W/O # 360305-19, and carpet material specs., Red Rock Handmade Carpet (PELLE) P/O #10753.

Aircraft Total Time: 1616.0

Aircraft Total Landings: 887

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

August 15, 2019


John Warren (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 3

MODEL/TYPE : EMBRAER PHENOM 300

WORK ORDER : 6920

SERIAL NO. : 505 00167

REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.37	051254	No. 1 Engine - 600 Hours/ 12 Month Inspection
1.38	051254	No. 2 Engine - 600 Hours/ 12 Month Inspection
1.40	05-30-02	600 FH/12 Month Maintenance Package
1.43	05-30-12	1200 FH/24 Month Maintenance Package
1.36	05-30-80	12 Month Maintenance Package
1.44	05-30-81	24 Month Maintenance Package
1.65	21-52-01	VCS Belt Cover - [P/N Off/On: 133637-11, NSN (NEW)] Embraer (ANAC Authorization No. 200901-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002318496 Dated 24/OCT/18
1.4	22-11-00-001	Tail Cone GSA 80 High Speed Autopilot Servo - Functional Check
1.4	22-11-00-001	Aileron GSA 81 Low Torque Autopilot Servo - Functional Check
1.4	22-11-00-001	Elevator GSA 81 Low Torque Autopilot Servo - Functional Check
1.4	22-11-00-001	Rudder GSA 81 Low Torque Autopilot Servo - Functional Check
1.64	23-61-00-210-801-A	Static Discharger - Removal / Installation [P/N OFF/ON 2-31SCY, S/N OFF N/A, S/N ON US00205157 (NEW)] Embraer (ANAC Authorization No. 2001C12-16) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2001910232 Dated 17/OCT/2017
1.64	23-61-00-210-801-A	Static Discharger - Removal / Installation [P/N OFF/ON 2-31SCY, S/N OFF N/A, S/N ON US00213875 (NEW)] Embraer (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002429714 Dated 26/JAN/2019
1.41	24-31-01-002	No. 1 Engine Starter/Generator Starter Generator Brushes - Detailed Inspection
1.41	24-31-01-002	No. 2 Engine Starter/Generator Starter Generator Brushes - Detailed Inspection
1.5	24-36-01-005	Forward Main Battery - (Post-Mod SB 505-24-0015) - Functional Check
1.5	24-36-01-005	Aft Main Battery - (Post-Mod SB 505-24-0015) - Functional Check
1.52	24-36-01-003	AFT Main Battery - Discard [P/N OFF/ON 7639-34, S/N OFF G02945994, S/N ON G03047045 (NEW)] 8130-3 Teledyne Battery Products (Approval / Authorization No.: 739608531) FTN 34845-0 DATED 13/JUN/2019
1.52	24-36-01-003	Forward Main Battery - Discard [P/N OFF/ON 7638-48P, S/N OFF G02970395, S/N ON G03047100 (NEW)] 8130-3 Teledyne Battery Products (Approval / Authorization No.: 739608531) FTN 34497-0 DATED 24/JUN/2019
1.32	25-60-11	Emergency Locator Transmitter Battery - Removal / Installation EXP: 3/2025 [P/N OFF/ON S1820506-01, S/N OFF NSN, S/N ON 18200498 (NEW)] Kannad Aviation (REF.: DOC03042) Dated 17/10/2016
1.6	25-61-00-001	Emergency Locator Transmitter of ELT System - Operational Check
1.7	25-61-00-002	Emergency Locator Transmitter - General Visual Inspection
1.33	25-61-04-001	Emergency Locator Transmitter Battery - Discard
1.8	25-62-01-001	First Aid Kit - Visual Check
1.60	25-62-01	First Aid Kit - Removal / Installation [P/N OFF/ON 019708-0005L, S/N OFF/ON NSN (NEW)] Embraer (ANAC Authorization No. 2010C11-03) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002461363 Dated 18/FEB/19
1.9	26-24-01-001	Cockpit Portable Fire Extinguisher - Weight Check
1.10	26-24-01-001	Cabin Portable Fire Extinguisher - Weight Check
1.59	26-24-01-960-801-A	Cockpit Portable Fire Extinguisher - Removal / Installation [P/N OFF/ON RT-A1200, S/N OFF X-726562, S/N ON Y-502206 (NEW)] Embraer (ANAC Authorization No. 2001C12-16) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002632275 Dated 21/JUN/19
1.66	27-03-01-400-801-A/400	Flight Control Electronics (FCE) No. 1 - Removal / Installation [P/N OFF 462900-1013 P/N ON 462900-1017, S/N OFF 0420 S/N ON 0113 (Modified)] 8130-3 Parker Hannifin Corp. (CRS AU4R063M) FTN R878769 Dated 08/18/19

INSPECTION / MAINTENANCE RECORD

Page 2 of 3

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 6920
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.66	27-03-01-400-801-A/400	Flight Control Electronics (FCE) No. 2 - Removal / Installation [P/N OFF 462900-1013 P/N ON 462900-1017, S/N OFF 0410 S/N ON 0061 (Modified)] 8130-3 Parker Hannifin Corp, (CRS AU4R063M) FTN R878574 Dated 08/18/19
1.42	28-21-07-001	Left Engine Fuel SOV System - Operational Check
1.42	28-21-07-001	Right Engine Fuel SOV System - Operational Check
1.39	31-31-00-002	CVR (Cockpit Voice Recorder) - Operational Check
1.63	32-45-01	R/H Main Landing Gear Wheel - Removal / Installation [P/N OFF/ON 505-19517-611, S/N OFF 5085NB, S/N ON 5039PA (OVERHAULED)] 8130-3 Embraer (ANAC Authorization No.:1MB3176B) FTN W8747 Dated 12/JUN/201
1.31	31-31-03-001	CVDR/ULB - Cockpit Voice Recorder Underwater Locator Beacon Battery - Discard [P/N OFF/ON DK120/90, S/N OFF SD15058, S/N ON AT30345 (NEW)] Embraer (ANAC Authorization No. 2004C09-14) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002604975 Dated 01/Jun/2019
1.11	31-33-03-001	Flight Data Recorder Underwater Locator Beacon Battery - Discard [P/N OFF/ON DK120, S/N OFF SD14097, S/N ON AT137022 (New)] Embraer (ANAC Authorization No. 2000C10-01) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002656625 Dated 11/Jul/2019
1.45	32-35-00-001	Landing Gear Emergency Extension System - Functional Check
1.46	32-35-00-002	Emergency Extension System Linkages - General Visual Inspection
1.12	33-52-01-001	LH Rear Emergency Light Battery - Functional Check
1.13	33-52-01-001	RH FWD Emergency Light Battery - Functional Check
1.53	34-11-00-001	IESI (Integrated Electronic Standby Instrument) - Functional Check
1.54	34-11-02-001	Pitot/Static Probe - Restoration (Cleaning)
1.55	34-15-00-003	IASP - Detailed Inspection
1.56	34-23-00-001	Magnetic Compass of Standby Compass - Functional Check
1.57	34-52-00-001	No. 1 Transponder System - Functional Check
1.58	34-52-00-001	No. 2 Transponder System - Functional Check
1.47	35-00-00-001	Oxygen System Pressure Lines for Leakage - Functional Check
1.14	35-11-00-001	Crew Oxygen Mask and Stowage Box - Operational Check
1.48	35-11-02-001	Left Crew Oxygen Mask - Detailed Visual Inspection
1.48	35-11-02-001	Right Crew Oxygen Mask - Detailed Visual Inspection
1.28	35-11-02-002	Left Crew Oxygen Mask - Restoration [P/N OFF/ON 174232-93, S/N OFF 34551, S/N ON 29094 (INSPECTED)] B/E 8130-3 Aerospace (Approval/Certificate No.: PB9R229N) FTN SO 32199446-1.000 dated 18/Jun/2019
1.29	35-11-02-002	Right Crew Oxygen Mask - Restoration [P/N OFF/ON 174232-93, S/N OFF 34540, S/N ON 26507 (INSPECTED)] B/E 8130-3 Aerospace (Approval/Certificate No.: PB9R229N) FTN SO 32153840-1.000 dated 16/Nov/2017
1.49	35-21-00-001	Passenger Oxygen System in Auto Mode - Functional Check
1.50	35-21-00-002	Passenger Oxygen System in Manual Mode - Operational Check
1.15	72-00-02-810-801	No. 1 Engine - Check Electronic Engine Control (EEC) Fault Isolation
1.15	72-00-02-810-801	No. 2 Engine - Check Electronic Engine Control (EEC) Fault Isolation
1.34	73-10-05-212-801	No. 1 Engine - General Visual Inspection (GVI) of the Fuel Filter Element
1.34	73-10-05-212-801	No. 2 Engine - General Visual Inspection (GVI) of the Fuel Filter Element
1.35	71-00-00-760-823	No. 1 Engine - Clearing TLD
1.35	71-00-00-760-823	No. 2 Engine - Clearing TLD
1.51	77-20-02-750-801	No. 1 Engine - T6 Temperature Indicating System - Operational Check
1.51	77-20-02-750-801	No. 2 Engine - T6 Temperature Indicating System - Operational Check

The following **SERVICE BULLETINS** were accomplished.

<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1.16	<u>SB 505-27-0022</u>	Replacement of the Flight Control Electronics (FCE1 and FCE2)
1.16	<u>SB 505-27-0023/01</u>	PART II - Service Bulletin Aircraft Configured with G3000 Avionics System
1.17	<u>SB 505-31-0023/02</u>	G3000 LOAD 18.10 AVIONICS SOFTWARE AND CMC LOAD V5.20

INSPECTION / MAINTENANCE RECORD

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MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 6920
REG. NO. : N16DF

The following **SERVICE BULLETINS** were accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.18	<u>SB 505-73-0002/01</u>	<u>PART I</u> - Engine Fuel and Control - Engine Fuel Pressure Tube Replacement - Complied with in accordance with Pratt & Whitney SB PW500-72-30524 R03.
1.19	<u>SB 505-73-0002/01</u>	<u>PART II</u> - Engine Fuel and Control - Engine Fuel Pressure Tube Replacement - Adapter Replacement - Complied with in accordance with Pratt & Whitney SB PW500-72-30530
1.20	<u>SB PW500-72-30505 R02</u>	No. 1 Engine - Replacement of Bleed Off Valve (BOV) Gaskets
1.21	<u>SB PW500-72-30505 R02</u>	No. 2 Engine - Replacement of Bleed Off Valve (BOV) Gaskets
1.22	<u>SB PW500-72-30524 R03</u>	No. 1 Engine - Replacement of FMU to Flowmeter Fuel Pressure Tube <u>[P/N OFF 3073363-01, P/N ON 3126971-01, S/N OFF/ON NSN (NEW)]</u> Embraer (ANAC Authorization No. 2001C12-16) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2001751286 Dated 24/May/2017
1.23	<u>SB PW500-72-30524 R03</u>	No. 2 Engine - Replacement of FMU To Flowmeter Fuel Pressure Tube <u>[P/N OFF 3073363-01, P/N ON 3126971-01, S/N OFF/ON NSN (NEW)]</u> Embraer (ANAC Authorization No. 2001C12-16) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2001751286 Dated 24/May/2017
1.24	<u>SB PW500-72-30529 R02</u>	No. 1 Engine - Replacement of Igniter Cables
1.25	<u>SB PW500-72-30529 R02</u>	No. 2 Engine - Replacement of Igniter Cables
1.26	<u>SB PW500-72-30530</u>	No. 1 Engine - Replacement of Adapter for The Flowmeter Fuel Pressure Tube <u>[P/N OFF 3127299-01, P/N ON 3127462-01 (NEW)]</u> Embraer (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002034330 Dated 14/Feb/2018 <u>[P/N OFF/ON AS3209-012 (NEW)]</u> Embraer (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2001872314 Dated 13/Sep/2017
1.27	<u>SB PW500-72-30530</u>	No. 2 Engine - Replacement of Adapter for The Flowmeter Fuel Pressure Tube <u>[P/N OFF 3127299-01, P/N ON 3127462-01 (NEW)]</u> Embraer (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002034330 Dated 14/Feb/2018 <u>[P/N OFF/ON AS3209-012 (NEW)]</u> Embraer (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2001872314 Dated 13/Sep/2017

The following **Airworthiness Directive** was accomplished

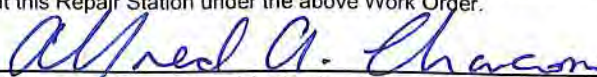
<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1.30	<u>FAA 2016-22-02</u>	Equipment / Furnishing - Passenger Seat for Correct Installation

Aircraft Total Time: 1,612.9

Aircraft Total Landings: 883

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

July 21, 2019


Alfred Chacon (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

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MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 6745
REG. NO. : N16DF

The following MAINTENANCE/INSPECTION was accomplished:

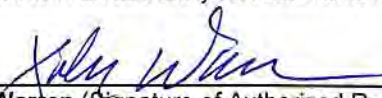
Sqwk #	TASK/MM	Description
1.4	57-40-00-400-801-A	Bird Strike on LH Leading Edge [P/N Off/On: 505-12600-409, S/N Off: 90211938/00080, S/N On: 902479871/00020 (New)] Embraer – Empresa Brasileira de Aeronautica S/A – (ANAC Authorization No. 2004C09-14) Airworthiness Approval Tag Form SEGV00 003 FTN 2002513208 dated 28/Mar/19

Aircraft Total Time: 1,594

Aircraft Total Landings: 869

I certify that this aircraft / engine / APU has been inspected and / or repaired in accordance with the approved Clay Lacy Aviation Continuous inspection program (GMM) as required under 14 CFR Part 91.409(f)(1) and Part 135.411(a)(2). As for the inspection and / or work performed is concerned, this aircraft is in an airworthy condition and is approved for return to service.

June 19, 2019


John Warren (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 6501
REG. NO. : N16DF

The following MAINTENANCE/INSPECTION was accomplished:

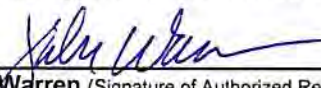
<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.6	32-45-00	LH Main Wheel and Tire Assembly – <u>[P/N Off/On: 505-19517-611. S/N Off: 5089NW; S/N On: 5014KJ (OVERHAULED)]</u> FAA 8130-3, Embraer Executive Jet Services LLC (CRS 1MB3176B) FTN: W8267 dated 21/MAR/2019.
1.4	38-33-12	Lavatory Pump – <u>[P/N Off/On: RCO5161-00. S/N Off: 03140213; S/N On: 03140589 (REPAIRED)]</u> EASA Form 1, Diehl Aviation Gilching GmbH (EASA Certificate No. DE.145.0021) FTN: 01940130010101 dated 21-Mar-2019.
1.5	D34119-005	Updated L-3 Avance System Software to Version 3.0.0.36960 per Gogo SIL Doc No. D34119-005. Ground Test good per L-3IM D24733.

Aircraft Total Time: 1,542.4

Aircraft Total Landings: 836

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

April 18, 2019



John Warren (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 6299
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
2.2	25-13-02	Co-Pilot RH Console Aft Object Holder – Installed [P/N ON 505-41757-4001, S/N OFF 10136356/001 S/N ON 12292395/001 (NEW)] Embraer – Empresa Brasileira de Aeronautica S/A – (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form SEGVOO 003 FTN 2001867978 dated 08/SEP/17
2.2	25-13-02	Co-Pilot RH Console Front Holder – Installed [P/N ON 505-41755-4001, S/N OFF UNKNOWN S/N ON C016582361 (NEW)] Embraer – Empresa Brasileira de Aeronautica S/A – (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form SEGVOO 003 FTN 2002276334 dated 17/SEP/18
2.3	33-52-01	Emergency Light Battery – Remove / Installed [P/N ON 6450LS-00, S/N OFF 000608, S/N ON 000782 (NEW)] 8130-3 Radiant Power Corp., (CRS W9PR345Y) FTN 21229 dated 20/FEB/2019

Aircraft Total Time: 1,483.9

Aircraft Total Landings: 788

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

April 11, 2019



John Warren (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 50500167

WORK ORDER : 6299
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

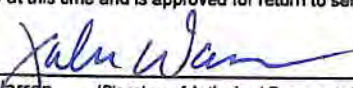
<u>Sqwk #</u>	<u>Task/MM</u>	<u>Description</u>
1.1	32-45-11	Nose Landing Gear Wheel & Tire Assembly – [P/N Off/On: 505-19601-605. S/N Off: 5029HL; S/N ON: 5091QE (OVERHAULED)] FAA 8130-3, Embraer Executive Jet Services LLC (CRS# 1MB3176B) FTN: W8121 dated 28/FEB/2019.
1.1	32-45-11	Nose Wheel Tire – [P/N Off/On: 156K23B1. S/N Off: 62542652; S/N ON: 80382468 (NEW)] Installed at overhaul by Embraer Executive Jet Services LLC (CRS# 1MB3176B) 8130-3 FTN: W8121 dated 28/FEB/2019.

Aircraft Total Time: 1,511.7

Aircraft Total Landings: 807

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order

March 07, 2019


John Warren (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 06130
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

Sqwk # TASK/MM

Description

1.4 21-31-01

Electronic Control and Monitoring Unit (ECMU) – Removal / Installation:
[P/N Off: 2119286-5, S/N Off: 2119286-00827. P/N ON: 2119286-10, S/N On: 2119286-01081 (MODIFIED)] FAA 8130-3, Honeywell International Inc., (CRS HZ3R571L) FTM: 20190005932490Y15 334771105 dated 22/JAN/2019.
System operationally checked good at this time.

Aircraft Total Time: 1,483.9

Aircraft Total Landings: 788

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

January 31, 2019

John Warren
CRS BKER301L

(Signature of Authorized Representative)

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : **5682**
REG. NO. : **N16DF**

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
8.5	33-12-02	Rotary Test Panel – Remove / Install. PN OFF/ON 441-42631-003, SN OFF 1610, SN ON 1541. NEW. FORM F-100-01 EMBRAER (2010C11-13) FTN 2002296151 DATED 04/OCT/2018.
8.6	52-31-22-000-801A	Installed one new Gas Spring Strut in the FWD Baggage Door System. PN OFF/ON 500-38805-901, SN OFF UNKNOWN, SN ON US00218962. NEW. FORM F-100-01 EMBRAER (2001C12-16) FTN 2002020419 DATED 01/FEB/2018.
8.7	CMM 25-23-75	Installed one new Bearing Assembly in the LAV Door System. ON OFF/ON 13280-21, SN OFF UNKNOWN, SN ON 8006857328. NEW. FORM F-100-01 EMBRAER (2010C11-13) FTN 2002328886 DATED 01/NOV/2018.

Aircraft Total Time: 1,411.6 Aircraft Total Landings: 742

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3).
All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

December 21, 2018



Joe Bennett (Signature of Authorized Representative)
CRS BKER301L

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 05682
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
9.1	32-45-01	Right Main Wheel & tire Assembly – <u>[P/N Off/On: 505-19517-611.</u> <u>S/N Off: 5022NA; S/N On: 5085NB (OVERHAULED)]</u> FAA 8130-3, Embraer Executive Jet Services LLC (CRS 1MB3176B) FTN: W7208 dated 24/SEP/2018. Aircraft Total Time: 1,411.6 Aircraft Total Landings: 742

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3).
All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

November 07, 2018

John Warren
CRS BKER301L

(Signature of Authorized Representative)

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 05682
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.17	22-11-01	Flight Guidance Panel (GMC715) – <u>[P/N Off/On: 011-01430-00. S/N Off: 15900727; S/N On: 15900541 (REPAIRED)]</u> FAA 8130-3, Garmin International (CRS G6XR582Y) FTN 105568472 dated 22 Oct 2018. Ops tested good at this time.
1.10	25-14-02	Cockpit Cupholder – <u>[P/N Off/On: 506-12211-4001 (NEW)]</u> .
1.11	25-25-02	Aft LH Cupholder – <u>[P/N Off/On: 505-29241-903 (NEW)]</u> .
1.7	25-25-02	Aft RH Cupholder – <u>[P/N Off/On: 505-29241-903 (NEW)]</u> .
1.8	33-12-02	Test Control Panel – <u>[P/N Off/On: 441-42631-003. S/N Off: 702; A/N On: 1387 (REPAIRED)]</u> FAA 8130-3, Safran Electronics & Defense, Avionics USA, LLC (CRS SVUR684K) FTN 240001414 dated 22/OCT/2018.

Aircraft Total Time: 1,402.8

Aircraft Total Landings: 732

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

November 01, 2018

John Warren
CRS BKER301L

(Signature of Authorized Representative)

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: **50500167**



FLIGHT TIME	TOTAL TIME	LANDING NO			INSTALLATIONS REMOVALS PERIODIC
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DATE

LICENCE
NUMBER

Aircraft Maintenance Logbook



Aero Air, LLC

2050 NE 25th Ave, Hillsboro, OR 800-448-2376



N16DF, Phenom 300, S/N: 505-00167

W/O: MJET-8777

October 14, 2018

ACTT: 1371.7 hours / 708 landings

Serialized Components Replaced:

1. Ventral Rudder Servo – OFF: p/n 011-00877-21, s/n 1A0005808; ON: p/n 011-00877-21, s/n 1A0006749
Status: Repaired.

Performed the following maintenance:

- Removed Ventral Rudder Servo Performed 011-00877-21, s/n 1A0005808. Installed repaired Servo 011-00877-21, s/n 1A0006749 IAW Phenom MM task 22-11-11-000-801-A (removal) & task 22-11-11-400-801-A (installation). Performed software load IAW task 22-11-11-470-801-A and Operational checks IAW task 22-11-11-710-801-A. All checks passed. Verified CAS message no longer present.

APPROVAL FOR RETURN TO SERVICE

Aero Air LLC certifies that the above identified aircraft has been inspected and repaired in accordance with current FAR's and is airworthy and approved for return to service only for the work performed. Pertinent details are on file at this agency under the above work order.

Signed,

Bruce Franklin, Inspector, Aero Air LLC, CRS# 09IR003Y
2050 NE 25th Ave. Hillsboro, OR. U.S.A.
800-448-2376

TRANS

TOTAL

RS 09IR003Y • AERO AIR at the PORTLAND-HILLSBORO AIRPORT • 2050 NE 25TH AVENUE • HILLSBORO, OR 97124



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
18 September 2018	N16DF	50500167	1347.5	690

REPAIRED THE FOLLOWING ITEMS:

- **WIFI is inoperative above 10,000 FT:** Configured GIA #1 to low speed IAW STC SA03956AT WIRING DIAGRAM NT0718-41 rev A dated 8/15/2018 Ground checks and test flight completed satisfactory.

I certify that this aircraft has been inspected and/or repaired in accordance in accordance with the approved Clay Lacy Aviation Continuous inspection program (GMM) as required under 14 CFR Part 91.409(f)(3). As for the inspection / Repairs work performed is concerned, this aircraft is considered in an airworthy condition and is approved for return to service. Further details of the maintenance performed are on file at this Repair Station under the referenced work order IWA-369

Signed

for Constant Aviation CRS# WC79346J
5615 South Sossaman Road, Mesa, AZ 85212

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER: 5375
REG. NO. : N16DF

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.7	32-45-01	Removed and replaced LH Main Wheel Assembly <u>[P/N Off/On: 505-19517-611, S/N Off: 5380QA; S/N On: 5089NW (Repaired)]</u> 8130-3 Embraer Executive Jet Service LLC, (CRS 1MB3176B) FTN W6828 dated 08/03/18

Aircraft Total Time: 1,360.2

Aircraft Total Landings: 702

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

September 18, 2018

John Warren
CRS BKER301L

(Signature of Authorized Representative)



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
12 September 2018	N16DF	50500167	1332.6	683

REPAIRED THE FOLLOWING ITEMS:

- **WI-FI INOP:** Routed wire BIZ-201A-22 IAW GOGO AVANCE WIRING DIAGRAM NT0718-41 rev A dated 8/15/2018

I certify that this aircraft has been inspected and/or repaired in accordance with the approved Clay Lacy Aviation Continuous inspection program (GMM) as required under 14 CFR Part 91.409(f)(3). As for the inspection / Repairs work performed is concerned, this aircraft is considered in an airworthy condition and is approved for return to service. Further details of the maintenance performed are on file at this Repair Station under the referenced work order IWA-354

Signed

for Constant Aviation CRS# WC79346J
5615 South Sossaman Road, Mesa, AZ 85212



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
08/28/18	N16DF	505	1321.8	674

REPAIRED THE FOLLOWING ITEMS:

- DURING TEST FLIGHT AIRCRAFT WOULD NOT PRESSURIZE IN AUTO MODE: Troubleshoot system. Followed FIM tasks 21-31-00-810-806-A, 21-31-00-710-802-A and 21-31-00-810-811-A. Located disconnected wire on relay K0154, terminal B2. Reconnected wire to relay. C/W Task: 21-31-00-710-801-A Manual Pressurization control manual Operational Check and Task 21-31-00-710-802-A Automatic Pressurization Control Mode operational check with no defects noted, Ops check normal.

I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order LVM-5561.

Signed

for Constant Aviation CRS# WC75346J
5050 Koval Lane Hangar 7C, Las Vegas, Nv.
89119.



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
8/272018	N713WD / N16DF	505	1321.5	673

ACCOMPLISHED THE FOLLOWING AVIONICS MODIFICATIONS TASKS:

- **PERFORM ADS-B OUT INSTALLATION IN ACCORDANCE WITH EMBRAER SERVICE BULLETIN 505-34-0011 (DUAL TRANSPONDERS):** Accomplished Nextant Aerospace EO# NT-EO-0718-41_REV IR ADS-B Provisions
- **AVANCE L3 CORE 3G DOMESTIC INTERNET WITH WI-FI INSTALLATION:** Performed GOGO Avance L3 Wifi install IAW STC SA03956AT. Passed operational check IAW ICA0818-01 DATED AUGUST 16, 2018. Parts installed: Fwd Antenna: P/N P12949 S/N 557189, Aft Antenna: P/N P12949 S/N 557203, Config Module: P/N P14126 S/N 1412618369, GOGO Avance L3: P/N P34110-003 S/N 3411000300214, Cabin Wifi Antennas: P/N P16917-001 S/N 1691700106463, 1691700106487, 1691700106474, 1691700106461, 1691700106498, 1691700106491.
- Cabin Cellular Antennas P/N P18350-001 S/N 1835003436, 1835003438
- **REMOVE INTERIOR TO FACILITATE AVIONICS INSTALLATION:** Removed interior as required to facilitate avionics installation.
- **REINSTALL INTERIOR UPON COMPLETION OF THE AVIONICS INSTALLATION:** Reinstalled interior components to facilitate Avionic upgrades as required.

ACCOMPLISHED THE FOLLOWING INSPECTIONS:

12 MONTH AIRFRAME INSPECTION:

- **COMPLY WITH 12 MONTH AIRFRAME INSPECTION:** Complied with 12 month airframe inspection IAW Phenom 300 SMR 05-30-80.
- **31-31-00-002 OPC - OPERATIONAL CHECK OF CVDR (COCKPIT VOICE RECORDER) AMM TASK 31-31-00-710-801-A/500:** Performed operational check of CVR. No faults found per Phenom 300 AMM31-31-00-710-801-A/500.

600 HOUR/12 MONTH AIRFRAME INSPECTION:

- **COMPLY WITH 600 HOUR/12 MONTH AIRFRAME INSPECTION:** Complied with 600/12 Month Airframe Inspection IAW Phenom 300 AMM 05-30-02.
- **21-52-01-001 DET - DETAILED INSPECTION OF VCS COMPRESSOR DRIVE MODULE AMM TASK 21-52-01-210-801-A/600:** Accomplished detailed inspection of VCS compressor drive module IAW EMB Phenom 300 AMM 21-52-01-210-801-A, with no defects noted.
- **21-52-01-003 FNC - FUNCTIONAL CHECK OF COMPRESSOR BELT TENSION AMM TASK 21-52-01-720-801-A/500:** Accomplished functional check of compressor belt tension IAW EMB Phenom 300 AMM 21-52-01-720-801-A, with no defects noted.
- **21-52-06-001 SVC - SERVICING OF VCS REFRIGERANT FLUID AMM TASK 12-17-00-610-804-A/300:** Performed servicing of VCS refrigerant IAW Phenom 300 AMM Task 12-17-00-610-804-A. Ops check satisfactory.
- **28-11-00-001 FNC - FUNCTIONAL CHECK OF FUEL TANKS FOR MICRO-ORGANISMS AMM TASK 28-11-00-280-801-A/600:** Accomplished functional check of fuel tanks for microorganisms IAW Fuel Quality Services IATA ISBN 92-9195-437-3, with no defects noted.
- **28-12-01-001 SDI - SPECIAL DETAILED INSPECTION OF FUEL VENT NACA AMM TASK 28-12-01-290-801-A/600:** Complied with Fuel Vent NACA detailed inspection IAW Phenom 300 28-12-01-290-801-A. No defect noted.
- **29-12-02-001 VCK - VISUAL CHECK OF MANIFOLD/RESERVOIR AMM TASK 29-12-02-210-801-A/600:** Complied with 29-12-02-001 VCK- Visual Check of Manifold/ Reservoir IAW AMM TASK 29-12-02-210-801-A/600, Fluid level satisfactory.



- **29-15-03-001 EFFECTIVITY: ON EMBRAER 505 ACFT WITH HYDRAULIC ACCUMULATOR PN 11172-2 OR POST-MOD SB 505-29-0005 SVC - SERVICING OF HYDRAULIC ACCUMULATOR AMM TASK 12-13-00-610-801-A/300:** Accomplished servicing of the hydraulic accumulator pre-charge IAW EMB Phenom 300 AMM 12-13-00-610-801-A.
 - **30-41-01-001 FNC - FUNCTIONAL CHECK OF WINDSHIELD RAIN REPELLENT COATING AMM TASK 30-41-01-720-801-A/500:** Performed functional check of windshield rain repellent IAW Embraer Phenom 300 AMM Task 30-41-01-720-801-A. No defects noted.
 - **32-11-00-001 GVI - GENERAL VISUAL INSPECTION OF MAIN LANDING GEAR AMM TASK 32-11-00-210-801-A/600:** Complied with Main Landing Gear general visual inspection IAW Phenom 300 NDT Manual 32-11-00-210-801-A. No defect noted.
 - **32-11-00-003 LUB - LUBRICATION OF MAIN LANDING GEAR AMM TASK 12-21-00-640-801-A/300:** Complied with Lubrication of right and left Main Landing Gear IAW Phenom 300 AMM Task. 12-21-00-640-801-A.
 - **32-11-03-004 SVC - SERVICING OF MAIN LANDING GEAR SHOCK ABSORBER AMM TASK 12-14-02-610-802-A/300:** Complied with servicing of the main landing gear shock absorber. No defects noted. All work done IAW Phenom 300 task 12-14-02-610-802-A/300. Performed MLG shock absorber - pressure check and checked good. All work done IAW Phenom 300 task 32-11-03-780-801-A.
 - **32-21-00-001 GVI - GENERAL VISUAL INSPECTION OF NOSE LANDING GEAR AMM TASK 32-21-00-210-801-A/600:** Complied with Nose Landing Gear general visual inspection IAW Phenom 300 AMM 32-21-00-210-801-A. No defect noted.
 - **32-21-00-003 LUB - LUBRICATION OF NOSE LANDING GEAR AMM TASK 12-21-00-640-802-A/300:** Performed general visual inspection of vertical stabilizer to horizontal stabilizer attachments. IAW Embraer Phenom 300 NDT Manual 55-10-00-212-851-A. No defects noted.
 - **32-21-05-004 SVC - SERVICING OF NOSE LANDING GEAR SHOCK ABSORBER AMM TASK 12-14-03-610-802-A/300:** Complied with servicing of the nose landing gear shock absorber. No defects noted. All work done IAW Phenom 300 task 12-14-03-610-802-A/300. Performed MLG shock absorber - pressure check and checked good. All work done IAW Phenom 300 task 32-21-05-780-801-A.
 - **32-21-06-005 VCK - VISUAL CHECK OF NOSE LANDING GEAR SHIMMY DAMPER AMM TASK 32-21-06-200-801-A/600:** Complied with Shimmy Damper Oil level visual check IAW Phenom 300 AMM 32-21-06-200-801-A. No defect noted, shimmy oil level satisfactory.
 - **32-41-02-002- FUNCTIONAL CHECK OF BRAKE PEDAL TRANSDUCER AMM TASK 32-41-02-820-801-A/500:** Functionally checked brake pedal transducer IAW Phenom 300 AMM Task 32-41-02-820-801-A. Ops check satisfactory.
 - **52-11-00-003 FNC - FUNCTIONAL CHECK OF MAIN-DOOR INTERNAL HANDLE STRENGTH AMM TASK 52-11-23-720-801-A/500:** Accomplished special detailed inspection of the vertical to fuselage attachments on the vertical stabilizer IAW EMB Phenom 300 NDT Manual. 55-30-00-290-851-A, with no defects noted.
- 60 MONTH AIRFRAME INSPECTION:**
- **COMPLY WITH 60 MONTH AIRFRAME INSPECTION:** Complied with 60 Month Airframe Inspection IAW Phenom 300 AMM 05-30-84.
 - **24-31-07-001 RST - RESTORATION (CLEANING) OF SHUNT GENERATOR AMM TASK 24-31-07-100-801-A/700:** Accomplished cleaning of NO. 1 and NO. 2 shunt generator IAW EMB Phenom 300 AMM 24-31-07-100-801-A.
 - **35-01-00-001 FNC - FUNCTIONAL CHECK OF CREW OXYGEN PRESSURE INDICATION AMM TASK 35-01-02-720-801-A/500:** Functionally checked crew oxygen pressure indication IAW Phenom 300 AMM Task 35-01-02-720-801-A. No defects noted.



- **52-10-00-001 DET - INTERNAL DETAILED VISUAL INSPECTION OF MAIN DOOR STRUCTURE NDT PART 5 TASK 52-10-00-213-851-A:** Performed an internal detailed inspection of the main door structure IAW Phenom 300 NDTM 52-10-00-213-851-A. No defects noted.
- **52-10-01-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF MAIN DOOR STRUCTURE NDT PART 5 TASK 52-10-00-214-851-A:** Performed an external detailed visual inspection of the main door structure IAW Phenom 300 NDT Manual 52-10-00-214-851-A. No defects noted.
- **53-05-00-001 DET - DETAILED INSPECTION OF FUSELAGE DRAINS AMM TASK 53-05-00-200-801-A/600:** Complied with Fuselage Drains detailed inspection IAW Phenom 300 AMM 53-05-00-200-801-A/600, No defect noted.
- **53-10-07-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF NOSE LANDING GEAR WHEELWELL STRUCTURE NDT PART 5 TASK 53-10-00-212-852-A:** Complied with Nose Landing Gear Wheel Well Structure external general visual inspection IAW Phenom 300 NDT Manual 53-10-00-212-852-A. No defect noted.
- **53-20-06-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF MAIN DOOR CUTOUT STRUCTURE NDT PART 5 TASK 53-20-00-212-876-A:** Performed an external general visual inspection of the main door cutout structure IAW Phenom 300 NDT Manual 53-20-00-212-876-A. No defects noted.
- **53-20-06-002 DET - INTERNAL DETAILED VISUAL INSPECTION OF MAIN DOOR CUTOUT STRUCTURE NDT PART 5 TASK 53-20-00-213-853-A:** Performed an internal detailed visual inspection of the main door cutout structure IAW Phenom 300 NDT Manual 53-20-00-213-853-A. No defects found.
- **53-20-08-002 GVI - INTERNAL GENERAL VISUAL INSPECTION OF PASSENGER WINDOW CUTOUT STRUCTURE NDT PART 5 TASK 53-20-00-211-878-A:** Complied with Passenger Window Cutout Structure internal general visual inspection IAW Phenom 300 NDT Manual 53-20-00-211-878-A. No defects noted.
- **54-50-03-001 DET - EXTERNAL DETAILED INSPECTION OF PYLON MAIN BOX AND LEADING EDGE NDT PART 5 TASK 54-52-00-214-852-A:** Complied with 54-50-03-001 DET- External Detailed Inspection of Pylon Main Box and Leading Edge IAW Phenom 300 NDT Part 5 Task 54-52-00-214-852-A.
- **55-10-00-001 SDI - SPECIAL DETAILED INSPECTION (BORESCOPE METHOD) OF HORIZONTAL-STABILIZER SPARS AND RIBS NDT PART 5 TASK 55-10-00-290-851-A:** Performed special detail inspection of horizontal stabilizer spars and ribs. IAW Embraer Phenom 300 NDT Manual 55-10-00-290-851-A. No defects noted.
- **55-10-00-002 DET - EXTERNAL DETAILED VISUAL INSPECTION ON HORIZONTAL-** Performed an external detailed inspection of the horizontal-stabilizer-to-elevator hinge fittings IAW Phenom 300 NDT Manual 55-10-00-214-853-A. No defects noted.
- **55-10-01-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF VERTICAL STABILIZER-TO-HORIZONTAL STABILIZER ATTACHMENTS NDT PART 5 TASK 55-10-00-212-851-A:** Performed general visual inspection of vertical stabilizer to horizontal stabilizer attachments. IAW Embraer Phenom 300 NDT Manual 55-10-00-212-851-A. No defects noted.
- **55-10-03-002 SDI - SPECIAL DETAILED INSPECTION (BORESCOPE METHOD) ON HORIZONTAL-STABILIZER UPPER AND LOWER SKIN NDT PART 5 TASK 55-10-00-290-852-A:** Complied with special detailed inspection (borescope method) on horizontal-stabilizer upper and lower skin inspection IAW Phenom 300 NDT Manual 55-10-00, with no defects noted.
- **55-10-08-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF HORIZONTAL STABILIZER TRIM ACTUATOR SUPPORT FITTINGS NDT PART 5 TASK 55-10-00-212-852-A:** Performed general visual inspection of horizontal stabilizer trim actuator support fittings. IAW Embraer Phenom 300 AMM Task 55-10-00-212-852-A. No defects noted.



- **55-30-01-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF VERTICAL STABILIZER-TO-AFT FUSELAGE ATTACHMENTS ON VERTICAL STABILIZER NDT PART 5 TASK 55-30-00-214-851-A:** Accomplished external DVI of vertical stabilizer to aft fuselage attachments IAW EMB Phenom 300 NDT 55-30-00-214-851-A, with no defects noted.
- **55-30-01-002 SDI - SPECIAL DETAILED INSPECTION (BORESCOPE METHOD) OF VERTICAL-TO-FUSELAGE ATTACHMENTS ON VERTICAL STABILIZER NDT PART 5 TASK 55-30-00-290-851-A:** Accomplished special detailed inspection of the vertical to fuselage attachments on the vertical stabilizer IAW EMB Phenom 300 NTM 55-30-00-290-851-A, with no defects noted.
- **55-30-02-002 DET - INTERNAL DETAILED VISUAL INSPECTION OF VERTICAL STABILIZER-TO-HORIZONTAL STABILIZER ATTACHMENTS ON VERTICAL STABILIZER NDT PART 5 TASK 55-30-00-213-852-A:** Accomplished internal detailed visual inspection of vertical stabilizer to horizontal stabilizer attachments IAW EMB Phenom 300 NDT Manual 55-30-00-213-852-A, with no defects noted.
- **55-30-04-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF VERTICAL STABILIZER-TO-RUDDER HINGE FITTING NDT PART 5 TASK 55-30-00-214-852-A:** Accomplished external detailed visual inspection vertical stabilizer to rudder hinge fittings IAW EMB Phenom 300 NDT Manual 55-30-00-214-852-A, with no defects not
- **55-30-05-002 DET - INTERNAL DETAILED VISUAL INSPECTION OF HORIZONTAL-STABILIZER ACTUATOR SUPPORT FITTING ON VERTICAL STABILIZER NDT PART 5 TASK 55-30-00-213-854-A:** Accomplished internal detailed visual inspection of horizontal stabilizer actuator support fitting on vertical stab IAW EMB Phenom 300 NDT Manual 55-30-00-213-854-A, with no defects noted.
- **56-10-01-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF SIDE WINDOW NDT PART 5 TASK 56-12-00-212-851-A:** Complied with Cockpit Side Window external general visual inspection IAW Phenom 300 NDT Manual 56-12-00-212-851-A. No defect noted.
- **56-20-01-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF THE PASSENGER WINDOW PANELS NDT PART 5 TASK 56-20-00-212-851-A:** Complied with Passenger Window Panels external general visual inspection IAW Phenom 300 NDT Manual 56-20-00-212-851-A. No defect noted.
- **57-10-04-002 DET - EXTERNAL DETAILED VISUAL INSPECTION OF WING ROOT SPAR NDT PART 5 TASK 57-20-00-214-851-A:** Complied with Wing Root Spar external visual inspection IAW Phenom 300 NDT Manual 57-20-00-214-851-A. No defect noted.
- **57-10-07-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF WING LOWER PANEL NDT PART 5 TASK 57-10-00-214-854-A:** Complied with Wing Lower Skin external detailed visual inspection IAW Phenom NDT Manual 57-10-00-214-854-A. No defect noted.
- **57-10-11-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF WING CENTER SPLICE NDT PART 5 TASK 57-10-00-214-856-A:** Complied with Wing Center Splice external detailed visual inspection IAW Phenom NDT Manual 57-10-00-214-856-A. No defect noted.
- **57-50-01-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF WING TRAILING-EDGE TORQUE BOX AND CONTROL SURFACES FITTINGS NDT PART 5 TASK 57-50-00-214-851-A:** Complied with Wing Trailing-Edge Torque Box and Surfaces Fittings external detailed visual inspection IAW Phenom NDT Manual 57-50-00-214-851-A. No defect noted.
- **57-50-02-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF WING TRAILING EDGE MLG TRUNNION, ACTUATOR FITTINGS AND UPLOCK NDT PART 5 TASK 57-20-00-214-852-A:** Completed inspection of Main Landing Gear trunnion, actuator fittings and up lock IAW Embraer Phenom NDT Manual 57-20-00-214-852-A. No defects noted.



- **57-52-00-002 DET - EXTERNAL DETAILED VISUAL INSPECTION OF THE INBOARD FLAP NDT PART 5 TASK 57-52-00-214-851-A:** Complied with Inboard Flap external detailed visual inspection IAW Phenom NDT Manual 57-52-00-214-851-A. No defect noted.
- **57-53-00-002 DET - EXTERNAL DETAILED VISUAL INSPECTION OF THE OUTBOARD FLAP NDT PART 5 TASK 57-53-00-214-851-A:** Complied with Outboard Flap external detailed visual inspection IAW Phenom NDT Manual 57-53-00-214-851-A. No defect noted.
- **57-60-00-002 SDI - SPECIAL DETAILED INSPECTION (BORESCOPE METHOD) OF AILERON AND TAB NDT PART 5 TASK 57-60-00-290-851-A:** Complied with Aileron and Tab special detailed inspection (borescope method) IAW Phenom 300 NDT Manual 57-60-00-290-851-A. No defect noted.
- **57-70-02-001 DET - EXTERNAL DETAILED VISUAL INSPECTION OF SPOILER HINGE FITTINGS NDT PART 5 TASK 57-70-00-214-851-A:** Complied with Spoiler Hinge Fittings external detailed visual inspection IAW Phenom NDT Manual 57-70-00-214-851-A. No defect noted.
- **H430-001 DET - INTERNAL DETAILED INSPECTION OF ENGINE/PYLON INTERFACE CONNECTORS AND BONDING JUMPERS AMM TASK 05-46-00-210-806-A/600:** Complied with Engine/Pylon Interface Connectors and Bonding internal I detailed inspection IAW Phenom 300 AMM 05-46-00-210-806-A. No defect noted.
- **H700-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF MAIN LANDING GEAR AND MAIN LANDING GEAR BAY BONDING JUMPERS AND CONNECTORS AMM TASK 05-47-00-210-802-A/600:** Complied with Main landing Gear Bay Bonding Jumpers external general inspection IAW Phenom 300 AMM 05-47-00-210-802-A. No defect noted.
- **H700-002 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF NOSE LANDING GEAR AND NOSE LANDING GEAR BAY BONDING JUMPERS AND CONNECTORS AMM TASK 05-47-00-210-803-A/600:** Complied with Nose landing Gear and Nose Landing Gera Bay bonding jumpers and connectors external general inspection IAW Phenom 300 AMM 05-47-00-210-803-A. No defect noted.
- **H700-003 DET - EXTERNAL DETAILED VISUAL INSPECTION OF WOW SENSORS ELECTRICAL BONDING AMM TASK 05-47-00-214-803-A/600:** Complied with Weight -on- Wheels Sensors Electrical Bonding external detailed inspection IAW Phenom 300 AMM 05-47-00-214-803-A. No defect noted.
- **Z210-002 GVI - INTERNAL GENERAL VISUAL INSPECTION OF THE FORWARD FUSELAGE NOSE SECTION AMM TASK 05-41-00-210-802-A/600:** Performed internal general visual inspection of the forward fuselage nose section. IAW Embraer Phenom 300 AMM 05-41-00-210-802-A.
- **Z220-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF THE FORWARD FUSELAGE COCKPIT SECTION AMM TASK 05-41-00-210-803-A/600:** Complied with General Visual Inspection of the forward fuselage cockpit section IAW Embraer Phenom 300 AMM Chapter 05-41-00-210-803-A.
- **Z230-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF THE CENTER FUSELAGE FRONT SECTION AMM TASK 05-42-00-210-801-A/600:** Complied with Center Fuselage Front Section external general visual inspection IAW Phenom 300 AMM 05-42-00-210-801-A/600. No defects noted.
- **Z240-002 GVI - INTERNAL GENERAL VISUAL INSPECTION OF THE CENTER FUSELAGE REAR SECTION AMM TASK 05-42-00-210-804-A/600:5.** Complied with Z240-002 GVI of Center Fuselage Rear section IAW AMM TASK 05-42-00-210-804-A/600. No defects noted.
- **Z310-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF THE AFT FUSELAGE FRONT SECTION AMM TASK 05-43-00-210-801-A/600:** Complied with Aft Fuselage Front Section general visual inspection IAW AMM TASK 05-43-00-210-801-A/600, No defects noted.



- **Z320-002 GVI - INTERNAL GENERAL VISUAL INSPECTION OF THE AFT FUSELAGE REAR SECTION AMM TASK 05-43-00-210-804-A/600:** Complied with of Aft Fuselage Rear Section Internal General Visual Inspection IAW AMM TASK 05-43-00-210-804-A/600. No defects noted.
- **Z340-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF THE HORIZONTAL STABILIZER AMM TASK 05-44-00-210-801-A/600:** Accomplished external general visual inspection of the horizontal stabilizer IAW EMB Phenom 300 AMM 05-44-00-210-801-A, with no defects noted.
- **Z430-002 GVI - INTERNAL GENERAL VISUAL INSPECTION OF THE NACELLE AMM TASK 05-46-00-210-804-A/600:** Complied with Internal General Visual Inspection of the Nacelle IAW Phenom 300 AMM TASK 05-46-00-210-804-A/600. No defect noted.
- **Z500-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF THE WINGS AMM TASK 05-45-00-210-801-A/600:** Complied with Wings external visual inspection IAW Phenom AMM 05-45-00-210-801-A. No defect noted.
- **Z500-002 GVI - INTERNAL GENERAL VISUAL INSPECTION OF THE WINGS AMM TASK 05-45-00-210-802-A/600:** Complied with Wings Internal general visual inspection IAW Phenom NDT Manual 57-45-00-210-802-A. No defect noted.
- **Z700-001 GVI - EXTERNAL GENERAL VISUAL INSPECTION OF THE MAIN LANDING GEAR BAY AMM TASK 05-47-00-210-801-A/600:** Complied with Main Landing Gear Bay external general visual inspection IAW Phenom 300 AMM 05-47-00-210-801-A. No defect noted.

600 HOUR AIRFRAME INSPECTION:

- **COMPLY WITH 600 HOUR AIRFRAME INSPECTION:** Complied with 600 Month Airframe Inspection IAW Phenom 300 AMM 05-30-01.
- **21-23-03-003 OPC - OPERATIONAL CHECK OF RAM AIR VALVE ACTUATION AMM TASK 21-23-03-710-802-A/500:** Operationally checked ram air valve actuation IAW Phenom 300 AMM Task 21-23-03-710-802-A. Ops check satisfactory.
- **21-31-00-002 OPC - OPERATIONAL CHECK OF MANUAL PRESSURIZATION CONTROL MODE AMM TASK 21-31-00-710-801-A/500:** Operationally checked manual pressurization control mode IAW Phenom 300 AMM Task 21-31-00-710-801-A. Ops check satisfactory.
- **21-31-00-003 OPC - OPERATIONAL CHECK OF EMERGENCY CABIN DECOMPRESSION (AUTO MODE) AMM TASK 21-31-00-710-803-A/500:** Operationally checked emergency cabin decompression (auto mode) IAW Phenom 300 AMM Task 21-31-00-710-803-A. Ops check satisfactory.
- **21-52-03-001 GVI - GENERAL VISUAL INSPECTION OF EVAPORATOR MODULES AMM TASK 21-52-03-210-801-A/600:** Accomplished general visual inspection of evaporator modules IAW EMB Phenom 300 AMM 21-52-03-210-801-A, with no defects noted.
- **21-61-00-001 OPC - OPERATIONAL CHECK OF MANUAL TEMPERATURE CONTROL SYSTEM AMM TASK 21-61-00-710-801-A/500:** Accomplished operational check of manual temperature control system IAW Phenom 300 AMM task 21-61-00-710-801-A. Ops check satisfactory.
- **27-23-00-001 OPC - OPERATIONAL CHECK OF SPRING LOADED RUDDER BOOST SYSTEM AMM TASK 27-23-00-710-801-A/500:** Complied with operational check of the spring loaded rudder boost system IAW Phenom 300 AMM TASK 27-23-00-710-801-A. No defect noted.
- **30-42-00-001 OPC - OPERATIONAL CHECK OF WINDSHIELD HEATING SYSTEM AMM TASK 30-42-00-710-801-A/500:** Operationally checked windshield heating system IAW Phenom 300 AMM Task 30-42-00-710-801-A. Ops check satisfactory.

- **32-00-00-001 GVI - GENERAL VISUAL INSPECTION OF MAIN LANDING GEAR POLYURETHANE FILMS AMM TASK 32-00-20-210-801-A/600:** Complied with General Visual Inspection of main landing gear polyurethane films IAW Phenom 300 AMM Chapter 32-00-20. No defect noted.
- **36-11-01-002 OPC - OPERATIONAL CHECK OF BLEED MANUAL SHUT-OFF FUNCTION AMM TASK 36-11-00-710-801-A/500:** Operationally checked bleed manual shut-off function IAW Phenom 300 AMM Task 36-11-00-710-801-A. Ops check satisfactory.
- **36-11-06-001 OPC - OPERATIONAL CHECK OF CROSS-BLEED MANUAL SHUT-OFF FUNCTION AMM TASK 36-11-06-710-801-A/500:** Operationally checked cross-bleed manual shut-off function IAW Phenom 300 AMM Task 36-11-06-710-801-A. Ops check satisfactory.
- **53-00-00-001 GVI - GENERAL VISUAL INSPECTION OF FUSELAGE POLYURETHANE FILMS AMM TASK 53-00-20-210-801-A/600:** Performed General Visual Inspection of fuselage polyurethane films IAW Phenom 300 AMM Chapter 53-00-20 with no discrepancies noted.
- **54-00-00-001 GVI - GENERAL VISUAL INSPECTION OF PYLON POLYURETHANE FILMS AMM TASK 54-51-20-210-801-A/600:** Performed General Visual Inspection of Pylon polyurethane films IAW Phenom 300 AMM Chapter 54-51-20 with no discrepancies noted.
- **55-00-00-001 GVI - GENERAL VISUAL INSPECTION OF STABILIZER POLYURETHANE FILMS AMM TASK 55-00-20-210-801-A/600:** Performed General Visual Inspection of the stabilizer polyurethane films IAW Phenom 300 AMM Chapter 55-00-20 with no defects noted.
- **57-00-00-001 GVI - GENERAL VISUAL INSPECTION OF WINGLET POLYURETHANE FILMS AMM TASK 57-35-21-210-801-A/600:** Performed a general visual inspection of the L/H and R/H winglets polyurethane films IAW Phenom 300 AMM Chapter 57-35-21 with no discrepancies noted.

3000HOUR/ 60 MONTHS AIRFRAME INSPECTION:

- **COMPLY WITH 3000 HOUR/60 MONTH AIRFRAME INSPECTION:** Complied with 3000 Hour/60 Month Airframe Inspection IAW Phenom 300 AMM 05-30-42.
- **22-11-00-003 DETAILED INSPECTION OF AUTOPILOT SERVO CABLE:** Performed a detailed inspection of the autopilot servo cables IAW Phenom 300 AMM 22-11-00-210-801-A. No defects found.
- **27-11-00-001 GENERAL VISUAL INSPECTION OF AILERON ACTUATING SYSTEM MECHANICAL COMPONENTS:** Performed general visual inspection of aileron actuating system mechanical components. IAW Embraer Phenom 300 AMM 27-11-00. No defects noted.
- **27-11-02-002 DETAILED INSPECTION OF AILERON CONTROL CABLES:** Performed detailed inspection of aileron control cables. IAW Embraer Phenom 300 AMM 27-11-02-214-801-A. No defects noted.
- **27-21-02-002 DET - DETAILED INSPECTION OF RUDDER CONTROL CABLES AMM TASK 27-21-02-214-801-A/600:** Complied with Rudder Control Cables detailed inspection IAW Phenom 300 AMM 27-21-02-214-801-A/600. No defect noted.
- **27-31-00-001 GVI - GENERAL VISUAL INSPECTION OF ELEVATOR ACTUATING SYSTEM MECHANICAL COMPONENTS AMM TASK 27-31-00-210-801-A/600:** Complied with Elevator Actuating System Mechanical Components general visual inspection IAW Phenom 300 AMM 27-31-00-210-801-A/600. No defects noted.
- **27-31-02-002 DET - DETAILED INSPECTION OF ELEVATOR CONTROL CABLES AMM TASK 27-31-02-214-801-A/600:** Complied with Elevator Control Cables detailed inspection IAW Phenom 300 AMM 27-31-02-214-801-A/600. No defect noted.



- **27-21-00-001 GENERAL VISUAL INSPECTION OF RUDDER ACTUATING SYSTEM MECHANICAL COMPONENTS:** Complied with Rudder Actuating System Mechanical Components general visual inspection IAW AMM Task 27-21-00-210-801-A, No defects.

ACCOMPLISHED THE FOLLOWING CUSTOMER ADDED TASKS:

- **COMPLY WITH N# CHANGE FROM N713WD TO N16DF:** Complied with tail number change from N713WD to N16DF strapping units and performed ATC #1 and ATC #2 operational checks. No faults found per Phenom 300 AMM 34-52-05-400-801-A/400. Removed cockpit glair shield registration number placard P/N 505-35382-001-EF with original "N713WD". Cleaned all residual adhesive. Installed new glair shield placard P/N 505-35382-001-EF with new registration number "N16DF" IAW Phenom 300 AMM 11-30-00. Complied with tail placard number change from N713WD to N16DF. IAW Phenom 300 SRM 51-42-02. New plate P/N: PE16027-4

ACCOMPLISHED THE FOLLOWING SB'S/AD'S:

- **52-13-22-001 EFFECTIVITY: ON ACFT WITH SINGLE CABLE IN THE MAIN-DOOR BALANCING-MECHANISM OR PRE-MOD SB 505-52-0005 DIS - DISCARD OF MAIN DOOR BALANCING MECHANISM CABLE AMM TASK 52-13-22-900-801-A/400:** This aircraft is post SB 505-52-0005. This task is not required, no further action required at this time.

REPAIRED THE FOLLOWING ITEMS:

- **RIGHT ELEVATOR MISSING STATIC WICK AND BASE:** Replaced missing Static Discharger and Static Discharger Base on right elevator with new discharger and base IAW Phenom 300 AMM TASK 23-61-01-400-801-A. Static Discharger P/N OFF/ON 2-31SCY, NSN. Static Discharger Base P/N OFF/ON 2-369, NSN.
- **SEVERAL CABIN FLOOR BOARDS SCREWS REQUIRED EXTRACTION OR AFTER REMOVAL WERE NO LONGER SERVICEABLE:** Extracted floor board screws. Installed new screws P/N MS24694S58 and P/N MS24693S-276 IAW Phenom 300 AMM 53-01-30.
- **SEVERAL EXTERIOR CENTER FUSELAGE FAIRINGS SCREWS REQUIRED EXTRACTION OR AFTER REMOVAL WERE NO LONGER SERVICEABLE:** Replaced non-serviceable center fuselage fairing screws with new screws IAW Phenom 300 AMM TASK 53-04-50-400-801-A. P/N NAS1580C3R4P, NSN.
- **SEVERAL VERTICAL AFT CLOSE OUT PANELS SCREWS REQUIRED EXTRACTION OR AFTER REMOVAL WERE NO LONGER SERVICEABLE:** Replaced non-serviceable aft vertical stabilizer panel screws with new screws IAW Phenom 300 AMM TASK 55-30-00-400-801-A. P/N NAS1580C3R5P, NSN. P/N NAS1580C3R3P, NSN.
- **SEVERAL HORIZONTAL AFT CLOSE OUT PANELS SCREWS REQUIRED EXTRACTION OR AFTER REMOVAL WERE NO LONGER SERVICEABLE:** Replaced non-serviceable horizontal stabilizer close out panel screw with new screws IAW Phenom 300 AMM TASK 55-03-00-400-801-A. P/N NAS1580C3R4P, NSN.
- **ACCUMULATOR HAS RESIDUAL HYDRAULIC FLUID ON AN LINE FITTING. NEEDS CLEANING AND FURTHER EVALUATION:** Cleaned, inspected and verified absence of loose fittings between accumulator and inline check valve IAW Phenom 300 AMM Task 29-15-03-400-801-A. Performed engine run, leak check of hydraulic fittings. No leaks noted.
- **AFT BAGGAGE FLOOR PANEL #2 (P/N 505-41292-4001) DAMAGED (CRACK). REQUIRES COMPOSITE REPAIR.** Aft floor panel P/N 505-41292-4001 S/N 10136264/001 was repaired by Nextant Aerospace LLC under their Certificate Number CRS#WC7R346J and Work Order Number CAS-9673.
- **SEVERAL WING LEADING EDGE CUFF ATTACHMENT SCREWS REQUIRE REPLACEMENT:** Removed and replaced Wing Leading Edge Splice screws with new screws IAW Phenom 300 AMM 57-40-00-400-801. P/N OFF/ON NAS1194C3PT, NSN.



- **NOTED THAT TWO CENTER ISLE FLOOR BOARDS ARE DELAMINATED.** Removed and replaced with a new passenger floor board IAW Phenom 300 AMM 25-24-01-000-801-A. P/N OFF/ON P/N 505-41214-407, S/N OFF 10136327/001, S/N ON C015094285. P/N OFF/ON 505-41212-409, S/N OFF
- **NAV AND CHART DATA BASES ARE OUT OF DATE:** Updated FMS NAV data base with an EXP date of 13SEPT18 and charts with an EXP date of 23AUG18 per Phenom 100 AMM 34-61-00-470-801-A/200 and AMM 34-61-00-840-801-A/200.
- **MANUAL TEMPERATURE CONTROL MODE – OPERATIONAL CHECK TASK 21-61-00-710-801-A, FAILED, PORTION OF TEST, D, (6), (A), MAKE SURE THE DUCT TEMPERATURE INDICATION INCREASES ON THE ECS SYNOPTIC PAGE. THE DUCT TEMPERATURE WOULD NOT INCREASE PAST 60 DEG C. OAT WAS 43 DEG C:** Removed defective L/H FCSOV and installed inspected unit IAW Phenom 300 AMM Task 21-21-01-400-801-A. Follow on operational checks and leak checks satisfactory. No defects noted at this time. P/N OFF 1300250-9, S/N 528. P/N ON 1300250-9, S/N 583. R/H swapped over from original L/H position. Current R/H position FCSOV P/N 1300250-9, S/N 619.
- **NOSE GAB PIT DOOR LH OPEN ANNUNCIATOR SWITCHED REQUIRE ADJUSTMENT:** Performed adjustment of L/H nose open annunciator switch. No faults found per Phenom 300 WDM 52-70-50.
- **CABIN MOST FWD RH SIDE OVERHEAD VENT AND LH AND RH COCKPIT AFT OVERHEAD VENTS HAVE VERY LITTLE AIRFLOW COMPARED TO ALL OTHER OVERHEAD VENTS:** Verified connection of upper distribution conditioned air ducts and inspected ducting for blockage and restrictions IAW Phenom 300 AMM Task 21-20-02-400-801-A. No defects noted.
- **Task 21-31-00-710-803-A EMERGENCY CABIN DECOMPRESSION - OPERATIONAL CHECK: SECTION 1, E, E, THE OFGV INDICATION ON THE SYNOPTIC PAGE NEVER GOES CLOSED. THE OUTFLOW VALVE PORTION OF THIS TEST WILL NOT PASS ITS CHECK:** Aircraft out of configuration, both boost pump switches not in auto. Operationally checked emergency cabin decompression IAW Phenom 300 AMM Task 21-31-00-710-803-A. Ops check satisfactory.
-

I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order LVM-5475.

Signed

for Constant Aviation CRS# WC75346J
5050 Koval LN. Las Vegas, NV 89119



Engine Log Entry

Date	Registration Number	Serial Number	TAT	TAC
8/22/2018	N713WD / N16DF	505167	1321.5	673
Position	Model/Part Number	Serial Number	ETT	ENC
No. 2	PW535E	PCE-DG0339	1321.5	673

ACCOMPLISHED THE FOLLOWING:

NO. 2 ENGINE 12 MONTH INSPECTION

- **COMPLY WITH NO. 2 ENGINE 12 MONTH INSPECTION:** Complied with No. 2 engine 12 month inspection IAW P&W PW535E SMC 05-20-00-210-801.
- **73-10-05-212-801 GVI INSPECT THE FUEL FILTER:** Performed No. 2 Engine Fuel Filter general visual inspection IAW Phenom 300 P&WC 535E EMM 73-10-05-212-801. No defect noted.

NO. 2 ENGINE 600 HOUR INSPECTION

- **COMPLY WITH NO. 2 ENGINE 600 HOUR INSPECTION:** Complied with No. 2 Engine 600 Hour inspection IAW P&W PW535E SMC 05-20-00-210-801.
- **73-10-05-000-801 (73-10-05-400-801) DIS- DISCARD THE FUEL FILTER:** Removed No. 1 fuel filter and replaced with a new filter IAW P&WC 535E EMM 73-10-05. Filter PN OFF/ON; 3052624-01, NSN.
- **74-20-02-000-801 (74-20-02-400-801) DIS- DISCARD THE IGNITERS:** Removed NO 1 engine ignitors and replaced with new ignitors IAW P&WC 535E EMM 74-20-02. Ignitors PN OFF/ON; 3070508-01. Inboard SN OFF NNA17320033, SN ON NNA1810078. O/B SN OFF NNA1730069, SN ON NNA1810019.
- **79-20-01-000-801 (79-20-01-400-801) DIS- DISCARD THE OIL FILTER:** Removed NO 1 engine oil filter and installed a new oil filter IAW P&WC 535E EMM 79-20-01. Filter PN OFF/ON 3052590-01, NSN.

NO. 2 ENGINE 600 HOUR/12 MONTH INSPECTION

- **COMPLY WITH NO. 2 ENGINE 600 HOUR/12 MONTH INSPECTION:** Complied with No. 2 Engine 600 Hour/12 month inspection IAW P&W PW535E SMC 05-20-00-210-801.
- **71-00-00-760-823 OPC DO TLD CLEARING PROCEDURE:** Performed No.2 Engine TLD Clear Procedure IAW P&WC PW535E MM Task 71-00-00-760-823. No defects noted.
- **72-00-00-212-801 GVI INSPECT THE ENGINE INLET AREA:** Complied with Engine Inlet Area general visual inspection IAW P&W PW535E EMM 72-00-00-212-801. No defect noted.
- **72-00-00-212-802 GVI INSPECT THE INTERMEDIATE CASE & AGB:** Complied with Intermediate Case Accessory Gearbox general visual inspection IAW P&W PW535E EMM 72-00-00-212-802. No defect noted.
- **72-00-00-212-803 GVI INSPECT THE BYPASS DUCT:** Complied with Engine Bypass Duct general visual inspection IAW P&W PW535E EMM 72-00-00-212-803. No defect noted.
- **72-00-00-212-803 GVI INSPECT THE BYPASS DUCT:** Complied with Turbine Exhaust Case Assembly general visual inspection IAW P&W PW535E EMM 72-00-00-212-804. No defect noted.
- **72-00-00-212-805 GVI INSPECT THE FUEL DISTRIBUTION SYSTEM:** Complied with Fuel Distribution System general visual inspection IAW P&W PW535E EMM 72-00-00-212-805. No defect noted.
- **72-00-00-212-806 GVI INSPECT THE OIL DISTRIBUTION SYSTEM:** Complied with Oil Distribution System general visual inspection IAW P&W PW535E EMM 72-00-00-212-806. No defect noted.



- **72-00-00-212-807 GVI INSPECT THE LP COMPRESSOR INLET COMPONENTS:**
Complied with LP Compressor Inlet Components general visual inspection IAW P&W PW535E EMM 72-00-00-212-807. No defect noted.
- **72-00-00-212-808 GVI INSPECT THE T6 TEMPERATURE INDICATING SYSTEM:**
Complied with Temperature Indicating System general visual inspection IAW P&W PW535E EMM 72-00-00-212-808. No defect noted.
- **72-00-00-212-809 SDI INSPECT THE FAN EXIT VANE (RETAINING) CLAMP:** Complied with Fan Exit Vane Retaining Clamp special detail inspection IAW P&W PW535E EMM 72-00-00-212-809. No defect noted.
- **72-00-00-280-819 SDI INSPECT THE EMERGENCY FUEL SHUTOFF VALVE LEVER ASSEMBLY:** Complied with Emergency Fuel Shutoff Valve Lever Assembly special detail inspection IAW P&W PW535E EMM 72-00-00-280-819. No defect noted.
- **72-00-00-280-820 SDI INSPECT THE FAN EXIT VANES:** Complied with Fan Exit Vanes special detail inspection IAW P&W PW535E EMM 72-00-00-280-820. No defect noted.
- **72-00-00-640-802 GVI CHECK THE ENGINE OIL LEVEL:** Complied with Engine Oil Level general visual inspection IAW P&W PW535E EMM 72-00-00-640-802. No defect noted.
- **73-10-07-212-801 GVI INSPECT THE FSOV CABLE:** Complied with Fuel Shutoff Cable (FSOV) general visual inspection IAW P&W PW535E EMM 73-10-07-212-801. No defect noted.
- **73-20-02-212-801 GVI EXAMINE THE ENGINE WIRING HARNESS:** Complied with Engine Wiring Harness general visual inspection IAW P&W PW535E EMM 73-20-02-212-801. No defect noted.
- **73-30-02-212-801 SDI CHECK THE FUEL PRESSURE TRANSDUCER SENSOR:**
Complied with Fuel Pressure Transducer special detail inspection IAW P&W PW535E EMM 72-00-00-212-802. No defect noted.
- **74-10-01-212-801 GVI INSPECT THE IGNITION EXCITER:** Complied with Ignition Exciter general visual inspection IAW P&W PW535E EMM 74-10-01-212-801. No defect noted.
- **74-20-01-212-801 GVI INSPECT THE IGNITION CABLES:** Complied with Ignition Cables general visual inspection IAW P&W PW535E EMM 74-20-01-212-801. No defect noted.
- **75-30-01-212-801 GVI INSPECT THE BOV ASSY AND BOV SERVO VALVE:** Complied with Compressor Bleed Valve Assembly (BOV) general visual inspection IAW P&W PW535E EMM 75-30-01-212-801. No defect noted.
- **79-30-01-770-801 OPC DO AN OPERATIONAL CHECK OF THE CHIP DETECTOR:**
Complied with Chip Detector operational check IAW P&W PW535E EMM 79-30-01-770-801. No defect noted.
- **79-30-02-210-801 SDI INSPECT THE OIL FILTER IMPENDING BYPASS SWITCH:**
Complied with Oil Filter Impending Bypass Switch special detail inspection IAW P&W PW535E EMM 72-00-00-212-802. No defect noted.
-

I certify that this engine has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order LVM-5475.

Signed

for Constant Aviation CRS# WC75346J
5050 Koval LN. Las Vegas, NV 89119



Engine Log Entry

Date	Registration Number	Serial Number	TAT	TAC
8/22/2018	N713WD / N16DF	505167	1321.5	673
Position	Model/Part Number	Serial Number	ETT	ENC
No.1	PW535E	PCE-DG0338	1321.5	673

ACCOMPLISHED THE FOLLOWING:

NO. 1 ENGINE 12 MONTH INSPECTION

- **COMPLY WITH NO. 1 ENGINE 12 MONTH INSPECTION:** Complied with No. 1 engine 12 month inspection IAW P&WC PW535E SMC 05-20-00-210-801.
- **73-10-05-212-801 GVI INSPECT THE FUEL FILTER:** Accomplished No 1 Engine Fuel Filter general visual inspection IAW P&WC 535E EMM 73-10-05-212-801, with no defects noted.

NO. 1 ENGINE 600 HOUR INSPECTION

- **COMPLY WITH NO. 1 ENGINE 600 HOUR INSPECTION:** Complied with No. 1 engine 12 month inspection IAW P&WC PW535E SMC 05-20-00-210-801.
- **73-10-05-000-801 (73-10-05-400-801) DIS- DISCARD THE FUEL FILTER:** Removed NO 1 fuel filter and replaced it with a new filter IAW P&WC 535E EMM 73-10-05. Filter PN OFF/ON; 3052624-01, NSN.
- **74-20-02-000-801 (74-20-02-400-801) DIS- DISCARD THE IGNITERS:** Removed NO 1 engine ignitors and replaced with new ignitors IAW P&WC 535E EMM 74-20-02.
- Ignitors PN OFF/ON 3070508-01. Inboard SN OFF NNA17320033, SN ON; NNA1810078.
- Outboard SN OFF NNA1730069, SN ON NNA1810019.
- **79-20-01-000-801 (79-20-01-400-801) DIS- DISCARD THE OIL FILTER:** Removed No. 1 engine oil filter and installed a new oil filter IAW P&WC 535E EMM 79-20-01. Filter PN OFF/ON 3052590-01, NSN.

NO. 1 ENGINE 600 HOUR/12 MONTH INSPECTION

- **COMPLY WITH NO. 1 ENGINE 600 HOUR/12 MONTH INSPECTION:** Complied with No. 1 Engine 600 Hour/12 month inspection IAW P&WC PW535E SMC 05-20-00-210-801.
- **71-00-00-760-823 OPC DO TLD CLEARING PROCEDURE:** Performed No.1 Engine TLD Clear Procedure IAW P&WC PW535E MM Task 71-00-00-760-823. No defects noted.
- **72-00-00-212-801 GVI INSPECT THE ENGINE INLET AREA:** Complied with Engine Inlet Area general visual inspection IAW P&WC PW535E EMM 72-00-00-212-801. No defect noted.
- **72-00-00-212-802 GVI INSPECT THE INTERMEDIATE CASE & AGB:** Complied with Intermediate Case Accessory Gearbox general visual inspection IAW P&WC PW535E EMM 72-00-00-212-802. No defect noted.
- **72-00-00-212-803 GVI INSPECT THE BYPASS DUCT:** Complied with Engine Bypass Duct general visual inspection IAW P&WC PW535E EMM 72-00-00-212-803. No defect noted.
- **72-00-00-212-803 GVI INSPECT THE BYPASS DUCT:** Complied with Turbine Exhaust Case Assembly general visual inspection IAW P&WC PW535E EMM 72-00-00-212-804. No defect noted.
- **72-00-00-212-805 GVI INSPECT THE FUEL DISTRIBUTION SYSTEM:** Complied with Fuel Distribution System general visual inspection IAW P&WC PW535E EMM 72-00-00-212-805. No defect noted.
- **72-00-00-212-806 GVI INSPECT THE OIL DISTRIBUTION SYSTEM:** Complied with Oil Distribution System general visual inspection IAW P&WC PW535E EMM 72-00-00-212-806. No defect noted.



- **72-00-00-212-807 GVI INSPECT THE LP COMPRESSOR INLET COMPONENTS:**
Complied with LP Compressor Inlet Components general visual inspection IAW P&W PW535E EMM 72-00-00-212-807. No defect noted.
- **72-00-00-212-808 GVI INSPECT THE T6 TEMPERATURE INDICATING SYSTEM:**
Complied with Temperature Indicating System general visual inspection IAW P&W PW535E EMM 72-00-00-212-808. No defect noted.
- **72-00-00-212-809 SDI INSPECT THE FAN EXIT VANE (RETAINING) CLAMP:** Complied with Fan Exit Vane Retaining Clamp special detail inspection IAW P&W PW535E EMM 72-00-00-212-809. No defect noted.
- **72-00-00-280-819 SDI INSPECT THE EMERGENCY FUEL SHUTOFF VALVE LEVER ASSEMBLY:** Complied with Emergency Fuel Shutoff Valve Lever Assembly special detail inspection IAW P&W PW535E EMM 72-00-00-280-819. No defect noted.
- **72-00-00-280-820 SDI INSPECT THE FAN EXIT VANES:** Complied with Fan Exit Vanes special detail inspection IAW P&W PW535E EMM 72-00-00-280-820. No defect noted.
- **72-00-00-640-802 GVI CHECK THE ENGINE OIL LEVEL:** Complied with Engine Oil Level general visual inspection IAW P&W PW535E EMM 72-00-00-640-802. No defect noted.
- **73-10-07-212-801 GVI INSPECT THE FSOV CABLE:** Complied with Fuel Shutoff Cable (FSOV) general visual inspection IAW P&W PW535E EMM 73-10-07-212-801. No defect noted.
- **73-20-02-212-801 GVI EXAMINE THE ENGINE WIRING HARNESS:** Complied with Engine Wiring Harness general visual inspection IAW P&W PW535E EMM 73-20-02-212-801. No defect noted.
- **73-30-02-212-801 SDI CHECK THE FUEL PRESSURE TRANSDUCER SENSOR:**
Complied with Fuel Pressure Transducer special detail inspection IAW P&W PW535E EMM 72-00-00-212-802. No defect noted.
- **74-10-01-212-801 GVI INSPECT THE IGNITION EXCITER:** Complied with Ignition Exciter general visual inspection IAW P&W PW535E EMM 74-10-01-212-801. No defect noted.
- **74-20-01-212-801 GVI INSPECT THE IGNITION CABLES:** Complied with Ignition Cables general visual inspection IAW P&W PW535E EMM 74-20-01-212-801. No defect noted.
- **75-30-01-212-801 GVI INSPECT THE BOV ASSY AND BOV SERVO VALVE:** Complied with Compressor Bleed Valve Assembly (BOV) general visual inspection IAW P&W PW535E EMM 75-30-01-212-801. No defect noted.
- **79-30-01-770-801 OPC DO AN OPERATIONAL CHECK OF THE CHIP DETECTOR:**
Complied with Chip Detector operational check IAW P&W PW535E EMM 79-30-01-770-801. No defect noted.
- **79-30-02-210-801 SDI INSPECT THE OIL FILTER IMPENDING BYPASS SWITCH:**
Complied with Oil Filter Impending Bypass Switch special detail inspection IAW P&W PW535E EMM 72-00-00-212-802. No defect noted.

I certify that this engine has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order LVM-5475.

Signed

for Constant Aviation CRS# WC75346J
5050 Koval LN. Las Vegas, NV 89119

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 04924
REG. NO. : N713WD

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
8.1	25-00-26-960-801-A	Cockpit copilot panel below window – Removed panel, installed new dual lock fastener and reinstalled.
8.2	25-00-19-300-801-A	Cockpit Cup holder – Re-bonded door clip.

Aircraft Total Time: 1,302.2

Aircraft Total Landings: 660

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

June 20, 2018

John Warren
CRS BKER301L

(Signature of Authorized Representative)

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 04924
REG. NO. : N713WD

The following MAINTENANCE/INSPECTION was accomplished:

Sqwk #	TASK/MM	Description
1.7	28-11-05	RH Wing Fuel Drain Valve – [P/N Off/On: L8A13-628. S/N Off: H00387; S/N On: J76447 (NEW)] Airworthiness Approval Tag Form SEGVOO 003, Embraer – Empresa Brasileira de Aeronautica S/A – Brasil, (ANAC Authorization No. 2013C09-04) FTN: 2002115266 dated 26/ABR/18.
1.5	28-41-05	Fuel 1 Feed Fault – Checked and torque tightened left side motive flow B-Nut and engine feed valve line B-Nut.
1.6	32-43-02	Emergency / Parking Brake Control Valve – [P/N Off/On: DAP00107-01. S/N Off: 62MK; S/N On: 64LW (INSPECTED / TESTED)] EASA Form 1, Meggitt Aerospace Limited (Foreign Repair Station No. D98Y198N) FTN: 85627296-10300, dated 20DEC2016.
1.6	32-43-08	Emergency Accumulator Thermal Relief Valve – [P/N Off/On: DAP00110-01. S/N Off: 220; S/N On: 609 (NEW)] Airworthiness Approval Tag Form SEGVOO 003, Embraer – Empresa Brasileira de Aeronautica S/A – Brasil, (ANAC Authorization No. 2013C09-04) FTN: 2001858027 dated 30/AUG/17.
1.6	32-43-00-710-801-A/500	Emergency / Parking Brake System – Operational Check.
1.4	36-11-01	Valve, RH Pressure Regulator and Shut-Off (PRSOV) – [P/N Off/On: RYLB-53505-6. S/N Off: 0195; S/N On: 0389 (MODIFIED)] 8130-3 GE Aviation Systems LLC, (CRS KA2R945K) FTN: REP205656/167409 dated 17/MAY/2018. Ops checked good at this time.

Aircraft Total Time: 1,300.6

Aircraft Total Landings: 657

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

June 14, 2018

John Warren
CRS BKER301L

(Signature of Authorized Representative)

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 04902
REG. NO. : N713WD

The following **MAINTENANCE/INSPECTION** was accomplished:

Sqwk #	TASK/MM	Description
1.4	50-31-05	Floormat – Aft Baggage – <u>[P/N Off/On: 506-04950-0001. NSN (NEW)]</u> Embraer – Empresa Brasileira de Aeronautica S/A – Brasil, (ANAC Authorization No. 2004C09-14) Airworthiness Approval Tag Form SEGVOO 003 FTN 2002160965 dated 04/JUN/18
1.5	35-02-01	Oxygen Cylinder Assembly – <u>[P/N Off/On: 4441122-077. S/N Off: 555591603; S/N On: 569710103 (REPAIRED)]</u> 8130-3 B/E Aerospace Inc. (FAA CRS PB9R229N) FTN 32161787-1.000 dated 28/Feb/2018.
1.6	21-21-01	RH Flow Control Shut-Off Valve (FCSOV) – <u>[P/N Off/On: 1300250-9. S/N Off: 618; S/N On: 528 (INSPECTED)]</u> 8130-3 enviro Systems Inc (FAA CRS BD2R712K) FTN WW174219 dated 11/May/2018.

Aircraft Total Time: 1,295.7

Aircraft Total Landings: 654

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

June 08, 2018

John Warren
CRS BKER301L

(Signature of Authorized Representative)

INSPECTION / MAINTENANCE RECORD

Page 1 of 1

MODEL/TYPE : EMBRAER PHENOM 300
SERIAL NO. : 505 00167

WORK ORDER : 04859
REG. NO. : N713WD

The following **MAINTENANCE/INSPECTION** was accomplished:

<u>Sqwk #</u>	<u>TASK/MM</u>	<u>Description</u>
1.4	25-00-26	Removed cockpit LH side panel, installed new dual lock and reinstalled.
1.7	25-25-32 [CMM]	LH and RH No. 2 seats – removed seat bottom cushions. Tightened bolts on seat back hinges. Ops checked good at this time. Work done IAW Goodrich P/N 403174 CMM 25-25-32.
1.8	25-25-32	RH No. 2 seat – reattached swivel cable to handle. Ops checked good at this time. Work done IAW Goodrich P/N 403174 CMM 25-25-32.
1.9	25-25-32	LH and RH No. 2 seats – Re attached side panel brackets, and installed side panels. Work done IAW Goodrich P/N 403174 CMM 25-25-32.
1.5	32-43-03	Re-secured parking brake handle as required.

Aircraft Total Time: 1,279.9

Aircraft Total Landings: 647

I Certify that this aircraft/engine has been inspected in accordance with approved inspections program as required under 14CFR Part 91.409 (f)(3). All items required to be inspected were inspected and there are no known conditions that exist which would make the aircraft unairworthy. As far as the work performed is concerned, the aircraft is considered airworthy at this time and is approved for return to service. Further details of this inspection and related maintenance are on file at this Repair Station under the above Work Order.

May 24, 2018

John Warren
CRS BKER301L

(Signature of Authorized Representative)



AIRFRAME LOG ENTRY

Date	Registration Number	Serial Number	TAT	TAC
17 MAY 2018	N713WD	50500167	1273.48	641

ACCOMPLISHED THE FOLLOWING INSPECTIONS:

- **PART 91 RECORDS REVIEW:** Performed Log Book Research PART 91 Records Review
- **INSPECT UNDER THE TOILET AREA FOR EVIDENCE OF LEAKS AND CORROSION:**
Performed visual inspection of the area under the toilet and surrounding lower toilet components. No leaks, corrosion or other defects noted.
- **VISUAL EXTERIOR INSPECTION OF THE AIRCRAFT FOR ANY SIGNS OF CORROSION AS ACCESSIBLE:** Complied with general visual exterior inspection of the aircraft for signs of corrosion IAW Embraer Phenom 300 NDT task 51-00-00-951-801-A. No corrosion noted at this time.

I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Administration regulations 91.409 (f) (3) and is approved for return to service. Pertinent details are on file at this Certified Repair Station under work order IWA-233.

Signed

for Constant Aviation CRS# WC79346J
5615 South Sossaman Road Mesa, AZ 85212



AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

N713WD PHENOM 300 S/N: 50500167 TT: 1207.0 LDGS: 607 W/O: 15125 03/09/2018

1. Customer reports E1 and E2 engine fuel impending bypass annunciations. Per Embraer instructions and Tech rep. Gained access to GEA 1, 2, and 3. Removed GEA's inspected connectors, cleaned connectors, and resealed. Performed software configurations to GEA 1, 2, and 3. Performed operational checks of GEA's. All ops good. All work performed in reference to EMB 505 MM 31-41-03. Gained access to LH engines fuel filter pressure transducer P1073 and P0971 performed wiring checks in reference to Table 201 from FIM 73-21-00-810-843-A. No defects found. Gained access to the GEA 1 connector and performed wiring checks between J0971 and J0057 in reference to Table 202 FIM 73-21-00-810-843-A. No defects found. Gained access to RH engines fuel filter pressure transducer P1072 and P0972 performed wiring checks in reference to Table 201 from FIM 73-21-00-810-844-A. No defects found. Gained access to the GEA 2 connector and performed wiring checks between J0972 and J0060 in reference to Table 202 FIM 73-21-00-810-844-A. No defects found. Reinstalled P1072, P1073, P0971, P0972, GEA 1, and GEA 2. Closed up access panels and verified proper operation of the GEA's No E1 & E2 fuel CAS messages at this time. All work performed in reference to EMB-505 FIM 73-21-00.

THE MAINTENANCE WAS PERFORMED UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PHENOM 300 AMM
REV. 52 DATED FEB. 19, 2018 MAINT. MAN. AS APPLICABLE, THE MAINTENANCE OPERATIONS DESCRIBED ABOVE
WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND / OR COMPONENT IS
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEM(S) #1 & #2. DETAILS ARE ON FILE UNDER W/O: 15125.

MILLION AIR®

~~FOR MILLION AIR - HOUSTON~~ CRS# LJCR092G

TRANSPORT

TOTAL

BROUGHT FORWARD

AIRCRAFT SERIAL NUMBER: 50500167

[illegible]

REPAIR STATION NUMBER
1MB3176B

Aircraft Maintenance Logbook



Embraer Executive Jet Services, LLC 276 SW 34th Street, Fort Lauderdale, FL 33326

AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017

MAINTENANCE PERFORMED ON WORK PACKAGE: F6156

PW535E, PCE-DG0339 Total Hours: 1,111.12 Total Cycles: 555.00

-----END-----

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F6156

Signature::

A handwritten signature in black ink, appearing to be "LFA".



Employee Number:

16142

AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017

MAINTENANCE PERFORMED ON WORK PACKAGE: F6156

PW535E, PCE-DG0339 Total Hours: 1,111.12 Total Cycles: 555.00

INSPECTION

Seq# 1009 Corrective Action: Complied with PWC 12 Month - 600FH/12 Month and 600FH Inspection Inspection IAW EMM 3072702 Chapter 05-20-00 for the RH engine.

ROUTINE

Seq# 1406	Corrective Action:	Complied with task 72-00-00-212-801 General Visual Inspection of the RH Engine Inlet Area IAW PWC EMM task 72-00-00-212-801. No Defects Noted.
Seq# 1408	Corrective Action:	Complied with task 72-00-00-212-807 General Visual Inspection of the RH Eng. LP Compressor Inlet Components IAW PWC EMM task 72-00-00-212-807. No Defects Noted.
Seq# 1410	Corrective Action:	Complied with task 72-00-00-212-809 Special Detailed Inspection of the RH Eng. Fan Exit Vane (retaining) Clamp IAW PWC EMM task 72-00-00-212-809. No Defects Noted.
Seq# 1412	Corrective Action:	Complied with task 72-00-00-280-820 Special Detailed Inspection of the RH Engine Fan Exit Vanes IAW PWC EMM task 72-00-00-280-820. No Defects Noted.
Seq# 1414	Corrective Action:	Complied with task 72-00-00-212-804 General Visual Inspection of the RH Turbine Exhaust Case IAW PWC EMM 72-00-00-212-804. No Defects Noted.
Seq# 1416	Corrective Action:	Complied with task 72-00-00-280-819 Special Detailed Inspection of the RH Engine Emergency Fuel Shutoff Valve Lever Assembly IAW PWC EMM task 72-00-00-280-819. No Defects Noted.
Seq# 1418	Corrective Action:	Complied with task 72-00-00-212-802 General Visual Inspection of the RH Intermediate Case & AGB IAW PWC EMM 72-00-00-212-802. No Defects Noted.
Seq# 1420	Corrective Action:	Complied with task 72-00-00-212-803 General Visual Inspection of the RH Bypass Duct IAW PWC EMM 72-00-00-212-803. No Defects Noted.
Seq# 1422	Corrective Action:	Complied with task 72-00-00-212-805 General Visual Inspection of the RH Eng. Fuel Distribution System IAW PWC EMM 72-00-00-212-805. No Defects Noted.
Seq# 1424	Corrective Action:	Complied with task 73-10-07-212-801 General Visual Inspection of the RH Engine FSOV Cable IAW PWC EMM task 73-10-07-212-801. No Defects Noted.
Seq# 1426	Corrective Action:	Complied with task 73-20-02-212-801 General Visual Inspection of the RH Engine Wiring Harness IAW PWC EMM task 73-20-02-212-801. No Defects Noted.
Seq# 1428	Corrective Action:	Complied with task 73-30-02-212-801 General Visual Inspection of the RH Fuel Pressure Transducer Sensor IAW PWC EMM task 73-30-02-212-801. No defects noted.
Seq# 1430	Corrective Action:	Performed OPS Check and leak check on RH Fuel pressure transducer sensor IAW P300 AMM 71-00-01. No defects noted.
Seq# 1432	Corrective Action:	Complied with task 74-10-01-212-801 General Visual Inspection of the RH Ignition Exciter IAW PWC EMM task 74-10-01-212-801. No Defects Noted.
Seq# 1434	Corrective Action:	Complied with task 74-20-01-212-801 General Visual Inspection of the RH Engine Ignition Cables IAW PWC EMM task 74-20-01-212-801. No Defects Noted.
Seq# 1436	Corrective Action:	Complied with task 75-30-01-212-801 General Visual Inspection of the RH BOV assy and BOV servo valve IAW PWC EMM 75-30-01-212-801. No Defects Noted.
Seq# 1438	Corrective Action:	Complied with task 72-00-00-212-808 General Visual Inspection of the RH Engine T6 Temperature Indicating System IAW PWC EMM task 72-00-00-212-808. No Defects Noted.
Seq# 1440	Corrective Action:	Complied with task 72-00-00-212-806 General Visual Inspection of the RH Oil Distribution System IAW PWC EMM task 72-00-00-212-806. No Defects Noted.
Seq# 1442	Corrective Action:	Complied with task 72-00-00-640-802 General Visual Inspection of the RH Engine Oil Level IAW PWC EMM 72-00-00-640-802. No Defects Noted.
Seq# 1444	Corrective Action:	Complied with task 79-30-01-770-801 Complied with Operational Check of the RH Chip Detector IAW PWC EMM task 79-30-01-770-801. No defects noted.
Seq# 1446	Corrective Action:	Performed OPS Check and Leak check on RH Chip Detector IAW P-300 AMM 71-00-01. No defects noted.
Seq# 1447	Corrective Action:	Complied with task 79-30-02-210-801 Detailed Inspection the RH Engine Oil Filter Impending Bypass Switch IAW PWC EMM task 79-30-02-210-801. No defects noted.
Seq# 1450	Corrective Action:	Performed OPS Check and leak check on RH Engine Oil Filter impending bypass switch IAW P300 AMM 71-00-01. No defect noted.
Seq# 1452	Corrective Action:	Complied with Task 73-10-05-212-801 Inspection of the R/H Engine Fuel Filter IAW PWC EMM 73-10-05. No defects noted.
Seq# 1459	Corrective Action:	Performed OPS Check and leak check on RH Engine Fuel Filter IAW P-300 AMM 71-00-01. No defects noted.
		Complied with P-300 Task 74-20-02-400-801 Discard the RH Engine Igniters.
		Performed OPS Check on RH Engine Igniter IAW P300 AMM 71-00-01. No defects noted.
		OFF #2 ENG IB Igniter PN 3070508-01 SN NNA15450104
		ON #2 ENG IB Igniter PN 3070508-01 SN NNA17320044
		OFF #2 ENG OB Igniter PN 3070508-01 SN NNA15450097
		ON #2 ENG OB Igniter PN 3070508-01 SN NNA17320050
		Complied with P-300 Task 73-10-05-000-801 & 73-10-05-400-801 Discard the RH Engine Fuel Filter.
		Performed OPS Check and leak check on RH Engine Fuel Filter IAW P-300 AMM 71-00-01. No defects noted.
		Complied with P-300 Task 79-20-01-000-801 & 79-20-01-400-801 Inspect the RH Engine Oil Filter. Discard the Oil Filter. No defects noted.
		Performed OPS Check and leak check on RH Engine Oil filter IAW P-300 71-00-01. No defects noted.
		Complied with the TLD Clearing Procedure for the RH Engine IAW P300 EMM Task 71-00-00-760-823.

Embraer Executive Jet Services, LLC 276 SW 34th Street, Fort Lauderdale, FL 33326

AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017

MAINTENANCE PERFORMED ON WORK PACKAGE: F6156

PW535E, PCE-DG0338 Total Hours: 1,111.12 Total Cycles: 555.00

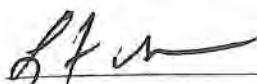
INSPECTION

Seq# 1010 ROUTINE	Corrective Action:	Complied with PWC 12 Month - 600FH/12 Month and 600FH Inspection IAW EMM 3072702 Chapter 05-20-00 for the LH engine.
Seq# 1405	Corrective Action:	Complied with task 72-00-00-212-801 General Visual Inspection of the LH Engine Inlet Area IAW PWC 535E EMM task 72-00-00-212-801. No Defects Noted.
Seq# 1407	Corrective Action:	Complied with task 72-00-00-212-807 General Visual Inspection of the LH Eng LP Compressor Inlet Components IAW PWC EMM task 72-00-00-212-807. No Defects Noted.
Seq# 1409	Corrective Action:	Complied with task 72-00-00-212-809 Special Detailed Inspection of the LH Eng. Fan Exit Vane (retaining) Clamp IAW PWC EMM task 72-00-00-212-809. No Defects Noted.
Seq# 1411	Corrective Action:	Complied with task 72-00-00-280-820 Special Detailed Inspection of the LH Engine Fan Exit Vanes IAW PWC EMM task 72-00-00-280-820. No Defects Found.
Seq# 1413	Corrective Action:	Complied with task 72-00-00-212-804 General Visual Inspection of the LH Turbine Exhaust Case IAW PWC EMM 72-00-00-212-804. No Defects Noted.
Seq# 1415	Corrective Action:	Complied with task 72-00-00-280-819 Special Detailed Inspection of the LH Engine Emergency Fuel Shutoff Valve Lever Assembly IAW PWC EMM task 72-00-00-280-819. No Defects Noted.
Seq# 1417	Corrective Action:	Complied with task 72-00-00-212-802 General Visual Inspection of the LH Intermediate Case & AGB IAW PWC EMM 72-00-00-212-802. No Defects Noted.
Seq# 1419	Corrective Action:	Complied with task 72-00-00-212-803 General Visual Inspection of the LH Bypass Duct IAW PWC EMM 72-00-00-212-803. No Defects Noted.
Seq# 1421	Corrective Action:	Complied with task 72-00-00-212-805 General Visual Inspection of the LH Eng. Fuel Distribution System IAW PWC EMM 72-00-00-212-805. No Defects Noted.
Seq# 1423	Corrective Action:	Complied with task 73-10-07-212-801 General Visual Inspection of the LH Engine FSOV Cable IAW PWC EMM task 73-10-07-212-801. No Defects Noted.
Seq# 1425	Corrective Action:	Complied with task 73-20-02-212-801 General Visual Inspection of the LH Engine Wiring Harness IAW PWC EMM task 73-20-02-212-801. No Defects Noted.
Seq# 1427	Corrective Action:	Complied with task 73-30-02-212-801 General Visual Inspection of the LH Fuel Pressure Transducer Sensor IAW PWC EMM task 73-30-02-212-801. No defects found. Performed OPS Check and leak check LH Fuel pressure Transducer Sensor IAW P-300 AMM 71-00-01. No defect noted.
Seq# 1429	Corrective Action:	Complied with task 74-10-01-212-801 General Visual Inspection of the LH Ignition Exciter IAW PWC EMM task 74-10-01-212-801. No Defects Noted.
Seq# 1431	Corrective Action:	Complied with task 74-20-01-212-801 General Visual Inspection of the LH Engine Ignition Cables IAW PWC EMM task 74-20-01-212-801. No Defect Noted.
Seq# 1433	Corrective Action:	Complied with task 75-30-01-212-801 General Visual Inspection of the LH BOV assy and BOV servo valve IAW PWC EMM 75-30-01-212-801. No Defects Noted.
Seq# 1435	Corrective Action:	Complied with task 72-00-00-212-808 General Visual Inspection of the LH Engine T6 Temperature Indicating System IAW PWC EMM task 72-00-00-212-808. No Defects Noted.
Seq# 1437	Corrective Action:	Complied with task 72-00-00-212-806 General Visual Inspection of the LH Oil Distribution System IAW PWC EMM task 72-00-00-212-806. No Defects Noted.
Seq# 1439	Corrective Action:	Complied with task 72-00-00-640-802 General Visual Inspection of the LH Engine Oil Level IAW PWC EMM 72-00-00-640-802. No Faults Found.
Seq# 1441	Corrective Action:	Complied with task 79-30-01-770-801 Complied with Operational Check of the LH Chip Detector IAW PWC EMM task 79-30-01-770-801. No defects found. Performed OPS Check and leak check on LH Chip Detector IAW P-300 AMM 71-00-01. No defects noted.
Seq# 1443	Corrective Action:	Complied with task 79-30-02-210-801 Detailed Inspection the LH Engine Oil Filter Impending Bypass Switch IAW PWC EMM task 79-30-02-210-801. No defects found. Performed OPS Check and leak check on LG Eng oil filter impending bypass switch IAW P300 AMM 71-00-01. No defects noted.
Seq# 1445	Corrective Action:	Complied with Task 73-10-05-212-801 Inspection of the LH Engine Fuel Filter IAW PWC EMM 73-10-05. No defects noted. Performed OPS Check and leak check on LH Engine Fuel Filter IAW P-300 AMM 71-00-01. No defects noted.
Seq# 1448	Corrective Action:	Removed and Replaced the LH Engine Igniters as per P300 EMM 74-20-02-000-801 & 74-20-02-400-801. No defects noted. Performed OPS Check on LH Eng Igniter P-300 EMM 71-00-02. No defect noted.
Seq# 1449	Corrective Action:	Complied with EMM Task 73-10-05-000-801 & 73-10-05-400-801 Removed and Replaced (Discarded) the LH Engine Fuel Filter as per EMM 73-10-05. No defect found. Performed OPS Check and leak check on LH Eng Fuel Filter. No defects noted IAW P-300 AMM 71-00-01.
Seq# 1451	Corrective Action:	Complied with task 79-20-01-000-801 & 79-20-01-400-801 Inspect the LH Engine Oil Filter. No defects found. Removed and Replaced (Discarded the original oil filter) as per EMM Task 99-20-01. No defects found. Performed OPS Check and Leak check on LH Eng Oil Filter IAW P300 AMM 71-00-01. No defects noted.
Seq# 1458	Corrective Action:	Complied with the TLD Clearing Procedure for the LH Engine IAW P300 EMM Task 71-00-00-760-823. No Faults Found.

-END-

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F6156

Signature:




Employee Number:

16142

Embraer Executive Jet Services, LLC 276 SW 34th Street, Fort Lauderdale, FL 33326

AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017

MAINTENANCE PERFORMED ON WORK PACKAGE: F6156

EMB505, 50500167 Total Hours: 1,111.12 Total Cycles: 555.00

Seq# 2601	Corrective Action:	Performed replacement of LH and RH Wing Leading Edge Polyurethane film for Paint touch up IAW P300 AMM 57-35-21. Painted area as required IAW Phenom 300 SRM 51-22-05. Replaced L/H and R/H Wing leading Edge Poly film IAW Phenom 300 AMM 57-35-21.
Seq# 2701	Corrective Action:	Performed replacement of LH Brake assy and installed a repaired Brake Assembly on LH MLG as required IAW Phenom 300 AMM 32-45-21-400-801-A. No defects noted at this time. OFF LH Brake Assy PN DAP00097-03 SN 5019KK ON LH Brake Assy PN DAP00097-04 SN 5107ML
Seq# 2702	Corrective Action:	Performed replacement of brake assy on R/H MLG as required IAW Phenom 300 AMM 32-45-71-400-801-A. No defects noted at this time. OFF RH Brake Assy PN DAP00097-03 SN 5072LC ON RH Brake Assy PN DAP00097-04 SN 5002MF
Seq# 2703	Corrective Action:	Removed and replaced L?H MLG door polyurethane film IAW P300 AMM 32-13-20.
Seq# 5001	Corrective Action:	Cleande evaporator modules I/A/W P300 AMM 21-52-03. Note: No blockage of drains noted nor unusual/build up off debris found on modules.
Seq# 5202	Corrective Action:	Removed the control stand assembly cover IAW P300 AMM 76-11-01 and Fire/ Eng Start/ Stop/ Ignition control panel IAW P300 AMM 26-21-02 for maintenance. No defects noted. Painted Center pedestal IAW P300 SRM 51-22-05 and reinstalled control stand assembly IAW P-300 AMM 76-11-01 and Fire/ Eng Start/ Stop Ignition Control Panel IAW P-300 AMM Chp 26-21-02.
Seq# 5203	Corrective Action:	Performed replacement of panel nutplates IAW SRM 51-44-00. No further action required.
Seq# 5204	Corrective Action:	Re-attached Pilot's and Co-pilot's floor vents IAW P-300 AMM CPC adhesives and sealants. No defects noted.
Seq# 5205	Corrective Action:	Performed reinstallation of RH side center pedestal, panel I.A.W P300 AMM 25-14-01.
Seq# 5206	Corrective Action:	Performed replacement of R/H and L/H lanyards on Fuel caps with new lanyards IAW P300 AMM Task 28-11-09. OFF L/H Lanyard PN K98-091 SN NSN ON L/H Lanyard PN K98-091 SN NSN OFF R/H Lanyard PN K98-091 SN NSN ON R/H Lanyard PN K98-091 SN NSN
Seq# 5207	Corrective Action:	Performed Removal and Installation of windshield rain repellent coating I/A/W P300 AMM 30-41-01 up to part 1,(5)(d) Performed paint 5,e,F and 6-8, 10 and 11. I/A/W Phenom 300 AMM 30-41-01. Functional check is good. All task requirements completed.
Seq# 5208	Corrective Action:	Performed removal of floor rails to be powder coated IAW P300 AMM 25-24-03. See Form EEJS 09 (1) For Discrepancy. Installed powder coated floor rails to original position. Work done IAW P-300 AMM CH 25-24-03. Powder Coating of rails was accomplished by cross line custom coatings reference certificate of conformance dated 11-16-17 for details.
Seq# 5209	Corrective Action:	Performed adjustment of L/H forward cabinet liquor door IAW P-300 AMM 25-31-01. No Defects Noled at this time.
Seq# 5210	Corrective Action:	Performed inspection on emergency exit hatch cover panel, found panel to be cracked. Work performed IAW P-300 AMM 52-20-00. Panel removed for repair. Repaired emergency exit hatch cover. All work was done IAW Phenom 300 SRM 51-71-03. Installed Emergency Exit Hatch Cover IAW P300 AMM 52-20-00.
Seq# 5212	Corrective Action:	Performed removal of cup holders to be re-plated IAW P300 AMM 25-25-01. See Form EEJS 09 (1) for discrepancy. Customer elects not to replate. Re-installed all cup holders IAW P-300 AMM Chp 25-25-01.
Seq# 5213	Corrective Action:	Performed a functional check on RH FWD Bypass indicator input and output resistance check and found to be good. Still needs further troubleshooting. Work done IAW P300 EMM 73-30-02. Performed Phenom 300 FIM 73-21-00-810-843-A and 73-21-00-810-844-A, Steps G (3) and G (4) Testing of wiring harness between GEA 2 and 3 and each LH and RH Engine Fuel filter bypass transducer. No defects noted. Removed, Inspected, and Re-installed both LH and RH Engine Fuel filter IAW EMB-505 EMM 73-10-05-212-801. Performed leak check on LH and RH Engine IAW P-300 AMM 71-00-01. No defects noted. OFF Packing PN AS3209-212 SN NSN ON Packing PN AS3209-212 SN NSN OFF Packing PN AS3209-138 SN NSN ON Packing PN AS3209-138 SN NSN Performed CMC Download and sent to Contact Center for analysis. All work done IAW P300 AMM 45-45-00. Waiting Analysis. Performed LH and RH Engines DCU Downloads IAW P300 EMM 71-00-00 and send data for review. Received reply from PWC. DCU Download shows both engine downloads had fuel impending faults. Last Fault was 10/26/2017 on both engines. Per conversation with customer Mr J Garcia who re-reviewed discrepancy CAS message did not occur again since both engine filters were replaced on the same day of faults 10/26/17. See WP B2895 SEQ 5701. Performed operational check on L/H and R/H Engine at 50% NI. No show a message on the CAS Window IAW P-300 AMM 71-00-01. No defects noted. Recommended high power functional chec Prior to Release. Complied with high power Engine run IAW P-100 AMM CH 71-00-01. No defects noted.
Seq# 5214	Corrective Action:	Performed installation of Phenom emblem under side ledge fold down panel at seat #3 and Seat# 6 I/A/W P300 AMM 25-25-01 & CPC section 5.

END

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F6156

Signature:




Employee Number:

16142

Embraer Executive Jet Services, LLC 276 SW 34th Street, Fort Lauderdale, FL 33326

AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017

MAINTENANCE PERFORMED ON WORK PACKAGE: F6156

EMB505, 50500167 Total Hours: 1,111.12 Total Cycles: 555.00

Seq# 4401 **Corrective Action:** Complied with SB 505-24-0017 Rev 11 up to and including step 3.G. (5)
Complied with steps 3.H through 3.K. to complete requirements for SB 505-24-0017, REV 11.
PN OFF MG103C-4 SN OFF 0423 PN ON 400SG180Q SN ON S00321XL Starter Gen LH
PN OFF MG103C-4 SN OFF 0422 PN ON 400SG180Q SN ON S00734XL Starter Gen RH
PN OFF CG301A-12 SN OFF 306 PN ON GCSG550-12B SN ON 60762 GCU LH
PN OFF CG301A-12 SN OFF 256 PN ON GCSG550-12B SN ON 60800 GCU RH
PN ON BS5052400170001 SN ON NSN Top Kit
PN OFF 7139A-684-SD SN OFF NSN PN ON 400SG1108-6 (QTY 2) SN ON NSN V-Band Clamp (2 each) LH & RH
PN ON 400SG1226-2 SN ON NSN QAD Adapter (2 each) LH & RH
PN OFF 505-20559-001 SN OFF NSN PN ON 400SG1040-64E SN ON NSN QAD (2 each) LH & RH

CIVIL AVIATION REQUIREMENT

Seq# 6201 **Corrective Action:** Complied with task 34-52-00-001 function test of the transponder system IAW P300 AMM 34-50-00. This aircraft's transponder system has been tested IAW FAR 91.413 and complies with FAR part 43 Appendix F.

Seq# 6202 **Corrective Action:** Complied with task 34-11-00-001 & 34-15-00-001 function test of the air data system IAW P300 AMM 34-11-00 and 34-15-00. This aircraft's air data system has been tested to an altitude of 50,000 ft. IAW FAR 91.411 and complies with FAR PART 43 Appendix E.

IASP #1 PN: 2015L-4B SN: 0229
IASP #2 PN: 2015L-4B SN: 0550
IESI PN: C16786DA01
SN: C16786005129
Laversab sn: 79806 cal due date: 3/20/18

NON ROUTINE

Seq# 2101 **Corrective Action:** Performed replacement of Poly Film on Omega Beam, area needs to be painted IAW Phenom 300 AMM 53-11-22-000-801-A. Replaced poly film on Omega Beam IAW Phenom 300 AMM 53-11-22. Painted area per Phenom 300 SRM 51-22-05. Previously removed radome for poly film replacement IAW P300 AMM 53-14-00. Reinstalled radome IAW P300 AMM 53-14-00.

Seq# 2102 **Corrective Action:** Performed installation of washer and rivet lock at R/H NLG door nylon stop IAW Phenom 300 SRM 51-41-02.

Seq# 2201 **Corrective Action:** Performed replacement of First Aid IAW P300 AMM SDS 25-62-00. Next Due Date: 02/01/2019.
OFF AFT First Aid Kit PN 019708-0005L SN Unk
ON AFT First Aid Kit PN 019708-0005L SN US00010047

Seq# 2202 **Corrective Action:** Removed crew seats to facilitate other maintenance IAW P300 AMM 25-11-01. Re-installed crew seats IAW P300 AMM 25-11-01

Seq# 2203 **Corrective Action:** Performed replacement of I of O/B and I/B stops screws by extraction. No defects Noted. All Work I.A.W P300 25-11-01.

Seq# 2205 **Corrective Action:** Performed replacement of Duct overtemp sensor/switch I/A/W P300 AMM 21-61-03. Ops check required. New sensor installed. Performed Operational test on Manual temperature control mode on left bleed temp I/A/W P-300 AMM 71-00-01 No Defects Noted.

Seq# 2206 **Corrective Action:** P/N OFF LH duct 1300450-10 S/N OFF 2193 duct overtemp sensor
P/N ON LH duct 1300450-10 S/N ON 3500 duct overtemp sensor
Installed new latch pins on panel 241AZ IAW P300 AMM 25-27-05

Seq# 2301 **Corrective Action:** Performed programming of ELT for ICAO Code 24 bit protocol (A9892A) IAW Phenom 300 AMM 25-61-06. Performed operational test of the ELT System. No defects noted IAW Phenom 300 AMM 25-61-00.

Seq# 2302 **Corrective Action:** Performed Adjustment of Autopilot rudder-servo cable IAW P300 AMM 22-11-10. No Defects Noted. Access gained on Seq 1904.

Seq# 2303 **Corrective Action:** Performed Replacement of vertical stabilizer leading edge poly film IAW P-300 AMM 55-35-20. No defects Noted.

Seq# 2304 **Corrective Action:** Performed installation of new cover onto VCS Assy IAW EMB-505 CMM P/N 1133640-4 21-53-14-400-007.
OFF VCS Cover PN 1133637-11 SN Unk
ON VCS 1133637-11 (Cover) PN 1133637-11 SN US00218701

Seq# 2305 **Corrective Action:** Performed installation of Poly film on vertical (stabilizer IAW Phenom 300 AMM 55-35-20.

Seq# 2306 **Corrective Action:** Performed replacement of polyurethane film from R/H Horizontal Stabilizer. Cleaned the surface and installed new polyurethane film on the R/H Horizontal stabilizer IAW P300 AMM 55-14-22.

Seq# 2401 **Corrective Action:** Performed Replacement of right hand Pylon fairing poly film IAW P-300 AMM 54-54-20. No Defects Noted.

Seq# 2402 **Corrective Action:** Performed removal of LH Engine Lower pylon fairing as required IAW Phenom 300 AMM 54-54-00-400-801-A. Replaced broken lanyard on L/H Lwr engine cowl IAW Phenom 300 SRM 51-42-02 and Dwg 505-08033-411. OK to install L/H Lower Pylon fairing.
Installed L/H Engine Lower Pylon Fairing IAW P300 MM 54-54-00-000-801-A.

Seq# 2403 **Corrective Action:** Performed removal of RH Engine pylon lower fairing IAW P300 AMM 54-54-00-400-801-A. Replaced lanyard on R/H Engine Cowl IAW Phenom 300 SRM 51-42-02 and DWG 505-08083-411. OK to install R/H Engine Pylon Lower Fairing.
Installed R/H Engine Pylon Lower Fairing IAW P300 MM 54-54-00-000-801-A.

Seq# 2404 **Corrective Action:** Performed removal of pylon upper cowling fairing on RH Engine IAW P300 AMM 54-54-00-400-801-A. Replaced 2 ea lanyards on R/H Upper engine Cowl IAW Phenom 300 SRM 51-42-02 and DWG 505-08033-411. OK to install R/H Engine upper cowling fairing.
Installed R/H Engine upper cowling fairing IAW P30 MM 54-54-00-000-801-A.

Seq# 2405 **Corrective Action:** Performed replacement of polyurethane film on L/H and R/H Engine Pylons. Cleaned Pylon areas IAW P300 SRM Part 2 51-22-01. Installed new polyurethane film on L/H and R/H Engine Pylons IAW P300 AMM 54-54-20.

Seq# 2501 **Corrective Action:** Performed replacement of L/H Winglet polyurethane film. Cleaned L/H Winglet area IAW P300 SRM Part 2 51-22-01. Installed new polyurethane film on L/H Winglet IAW P300 AMM 57-35-21.

Embraer Executive Jet Services, LLC 276 SW 34th Street, Fort Lauderdale, FL 33326

AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017

MAINTENANCE PERFORMED ON WORK PACKAGE: F6156

EMB505, 50500167 Total Hours: 1,111.12 Total Cycles: 555.00

Seq# 1456	Corrective Action:	Complied with 24-31-01-002 Detailed Inspection of R/H Starter Generator Brushes IAW P300 AMM 24-31-01-220-801-A. Brushes found to be worn beyond limits. SG to be replaced under SEQ # 4401.
Seq# 1457	Corrective Action:	Complied with MRID 28-21-07-001 Ops Check of the Engine Fuel SOV System IAW P300 AMM 28-21-07-710-801-A. Ops check good. No Defects Noted.
Seq# 1501	Corrective Action:	Complied with MRID # 28-11-00-001- Functional Check of Fuel Tanks for MicroOrganisms IAW Phenom 300 AMM 28-11-00-280-801-A. No Defect Noted.
Seq# 1502	Corrective Action:	Complied with 28-12-01-001 Special Detailed Inspection of Fuel Vent NACA IAW 300 phenom AMM task 28-12-01-290-801-A. No Defects Noted.
Seq# 1503	Corrective Action:	Complied with MRID 27-51-01-001 Lubrication of Flap Actuators Ball Screws IAW phenom 300 AMM task 12-21-00-640-803-A. No Defects Noted.
Seq# 1504	Corrective Action:	Complied with MRID 27-51-01-005 Servicing the LH and RH of Flap Actuator Gear Boxes (6) IAW phenom 300 AMM task 12-18-00-612-802-A. No Defects Noted.
		Complied with MRID 27-51-01-005 Servicing the L/H of Flap actuator gear boxes (3) IAW Phenom 300 AMM Task 12-18-00-612-802-A
		P/N OFF Only MS28775-007 S/N OFF N/A/ Oring P/N On Only MS28775-007 S/N N/A Oring
Seq# 1505	Corrective Action:	Complied with MRID 27-51-06-001 by performing lubrication of LH and RH 6 each flap flexible shafts per IAW Phenom 300 AMM task 12-21-00-640-806-A. No Defects Noted.
		Complied with MRID 27-51-06-001 by Performing lubrication of L/H (3) Ea.Flapp flexible shafts per IAW Phenom 300 AMM Task 12-21-00-640-806-A
		P/N OFF Only 81000-1X12 S/N N/A Oring P/N ON Only 81000-1X12 S/N N/A Oring
Seq# 1506	Corrective Action:	Complied with MRID 27-51-06-002 by performing DVI of LH and RH 6 each flap flexible shafts per IAW Phenom 300 AMM task 27-51-06-213-801-A. (No defects noted) Complied with MRID 27-51-06-002 by performing DVI on (3 ea.) flap flexible shafts L/H per IAW Phenom 300 AMM Task 27-51-06-213-801-A.
Seq# 1507	Corrective Action:	Complied with MRID 57-00-00-001 External General Visual Inspection of Wing Polyurethane Films IAW Phenom 300 AMM task 57-35-21-210-801-A. See (2) EEJS Form 09 for discrepancy.
Seq# 1701	Corrective Action:	Complied with MRID # 32-11-00-001 - GVI of LH and RH MLG IAW Phenom 300 AMM Task 32-11-00-210-801-A. See form EEJS 09 (2) for discrepancies found.
Seq# 1702	Corrective Action:	Complied with MRID # 32-11-00-003-A Lubrication of L/H and R/H Main Landing Gear IAW Phenom AMM Task 12-21-00-640-801-A
Seq# 1703	Corrective Action:	Complied with MRID 32-11-03-004 Servicing of Main Landing Gear Shock Absorber IAW Phenom 300 AMM task 12-14-02-610-802-A
Seq# 1704	Corrective Action:	Complied with MRID 32-21-00-001 - Visual Check of Nose Landing Gear IAW Phenom 300 AMM 32-21-00-210-801-A. See EEJS Form 09 (1) for discrepancy found.
Seq# 1705	Corrective Action:	Complied with MRID 32-21-00-003 Lubrication of NLG IAW Phenom 300 AMM 12-21-00-640-802-A
Seq# 1706	Corrective Action:	Complied with MRID 32-21-05-004 Servicing of Nose Landing Gear Shock Absorber IAW Phenom 300 AMM 12-14-03-610-802-A
Seq# 1707	Corrective Action:	Complied with MRID 32-21-06-005 Visual Check of Nose Landing Gear Shimmy Damper IAW Phenom 300 AMM 32-21-06-200-801-A. No Defects Noted.
Seq# 1708	Corrective Action:	Complied with 32-35-00-001 Functional Check of Landing Gear Emergency Extension System IAW P300 AMM 32-35-00-720-801-A. No Defects Found.
Seq# 1709	Corrective Action:	Complied with 32-35-00-002 General Visual Inspection of Emergency Extension System Linkages IAW P300 AMM 32-35-00-210-801-A. No Defects Noted.
Seq# 1710	Corrective Action:	Complied with MRID 32-00-00-001 External General Visual Inspection of Landing Gear Polyurethane Films IAW Phenom 300 AMM task 32-00-20-210-801-A. See (1) EEJS form 09 for discrepancies.
Seq# 1801	Corrective Action:	Complied with MRID 52-11-00-003 Functional Check of Main Door Internal handle strength IAW Phenom 300 AMM Task 52-11-23-720-801-A. No Defects Noted.
Seq# 1802	Corrective Action:	Complied with MRID 52-10-20-001 GVI of main door rubber seal IAW Phenom 300 AMM 52-10-20-200-801-A. No Defects Noted.
Seq# 1803	Corrective Action:	Complied with 52-20-21-001 External General Visual Inspection of Emergency Door Rubber Seal IAW phenom 300 AMM task 52-20-21-200-801-A. No Defects Noted.
Seq# 1804	Corrective Action:	Complied with 52-11-00-001 Internal General Visual Inspection of Main Door Locking and Actuating Mechanism IAW phenom 300 AMM task 52-11-00-200-801-A. No Defects Noted.
Seq# 1805	Corrective Action:	Complied with 8000FH/48 Month task 52-20-20-001. Internal general visual inspection of emergency door leaking and actuating mechanism. No Defects Noted.
Seq# 1806	Corrective Action:	Complied with 52-31-20-001 General Visual Inspection of Forward Baggage Door Locking and Actuating Mechanism IAW phenom 300 AMM task 52-31-20-200-801-A. No Defects Noted.
Seq# 1807	Corrective Action:	Complied with 52-32-20-001 General Visual Inspection of Aft Baggage Door Locking Actuating Mechanism IAW phenom 300 AMM task 52-32-20-200-801-A. No Defects Noted.
Seq# 1901	Corrective Action:	
Seq# 1918	Corrective Action:	
Seq# 4203	Corrective Action:	Complied with ANAC AD 2017-11-01 and Alert Service Bulletin 505-27-A028 - Flight Controls - Aileron Trim Tab, Ruddr Trm Tab and Elevator Autotab Inspection and Torque. No defects noted at this time. A/C group A4 of this AD.

SERVICE BULLETIN

Seq# 4201	Corrective Action:	Complied with SB 505-27-0025 - FLight controls - Inspection and Replacement of the barrel sel-locking nut. Accomplished step 3 (A) through (C) No Defects Noted. These steps complete the services bulletins Date: 19/Oct/2016
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AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017

MAINTENANCE PERFORMED ON WORK PACKAGE: F6156

EMB505, 50500167 Total Hours: 1,111.12 Total Cycles: 555.00

Seq# 1218	Corrective Action:	Complied with 26-24-01-001 Weight Check Cockpit Portable Fire Extinguisher. Weight: 3.302 Lb. No Defects Noted.
Seq# 1219	Corrective Action:	Complied with MRID 34-11-00-001 Functional Check of Integrated Electronic Standby Instrument IAW Phenom 300 AMM task 34-11-00-720-801-A. Refer to WO: F6156 task 6202 for FAR 91.411 Statement. No Defects Noted.
Seq# 1220	Corrective Action:	Complied with MRID 34-52-00-001 Functional Check of Transponder System IAW Phenom 300 AMM task 34-52-00-720-801-A. Ref WO: F6156 task 6201 for FAR 91.413 Statement. No Defects Noted.
Seq# 1221	Corrective Action:	Complied with MRID 21-31-00-002 Operational Check of Manual Pressurization Control Mode IAW Phenom 300 AMM task 21-31-00-710-801-A. No Defects Noted.
Seq# 1222	Corrective Action:	Complied with MRID 21-31-00-003 Operational Check of Emergency Cabin Decompression (Auto Mode) IAW Phenom 300 AMM task 21-31-00-710-803-A. No Defects Noted.
Seq# 1223	Corrective Action:	Complied with MRID 21-52-03-001 General Visual Inspection of Evaporator Modules IAW Phenom 300 AMM task 21-52-03-210-801-A. No Defects Noted.
Seq# 1224	Corrective Action:	Complied with MRID 21-61-00-001 Operational Check of Manual Temperature Control System IAW Phenom 300 AMM task 21-61-00-710-801-A.
Seq# 1225	Corrective Action:	Complied with MRID 27-23-00-001 Operational Check of Spring Loaded Rudder Boost System IAW Phenom 300 AMM task 27-23-00-710-801-A. No Defects found.
Seq# 1226	Corrective Action:	Complied with MRID 30-42-00-001 Operational Check of Windshield Heating System IAW Phenom 300 AMM task 30-42-00-710-801-A. No Defects Noted.
Seq# 1227	Corrective Action:	Complied with MRID 36-11-01-002 Operational Check of Bleed Manual Shut-Off Function IAW Phenom 300 AMM task 36-11-00-710-801-A. No Defects Noted.
Seq# 1228	Corrective Action:	Complied with MRID 36-11-06-001 Operational Check of Cross-Bleed Manual Shut-Off Function IAW Phenom 300 AMM task 36-11-06-710-801-A. No Defects Noted.
Seq# 1229	Corrective Action:	Complied with Phenom 300 AMM Task 72-00-02-810-801 Interrogated time limited dispatch (TLD) LH EEC, No faults found.
Seq# 1230	Corrective Action:	Complied with 1200 FH task - 26-11-01-001 RH Detailed Visual Inspection of Engine Fire Detector. No Defects Noted.
Seq# 1231	Corrective Action:	Complied with 56-10-01-002 Functionally Check Torque of Windshield and Side Window Attaching Bolts IAW phenom 300 AMM task 56-10-00-720-801-A. No Defects Noted.
Seq# 1232	Corrective Action:	Complied with 72-00-02-810-801 Interrogate Time Limited Dispatch (TLD) RH EEC Faults. Cleared R/ENG Long Term Dispatch fault IAW Phenom 300 Pratt and Whitney EMM 05-80-00. Run up Engine Check time limited Dispatch (TLD) on RH EEC. No faults found.
Seq# 1233	Corrective Action:	Complied with check of the exterior surfaces of the right engine Nacelle for evidence of oil leaks (PWC 600FH/12 Month task) I.A.W AMM 71-11-00 & 71-12-00 No Defects.
Seq# 1234	Corrective Action:	Complied with the check of the exterior surfaces of the left engine Nacelle for evidence of oil leaks, None found as per (PWC 600FH/12 Month task) No Defects found.
Seq# 1301	Corrective Action:	Complied with MRID # 21-52-01-001- Detailed visual Inspection of VCS Compressor Motor Drive Module IAW Phenom 300 AMM Task 21-52-01-210-801-A.
Seq# 1302	Corrective Action:	Complied with MRID # 21-52-01-003 Functional Check of Compressor Belt Tension per Phenom 300 AMM 21-52-01-720-801-A. No Defect Noted.
Seq# 1303	Corrective Action:	Complied with MRID # 21-52-06-001- Servicing of VCS Refrigerant IAW Phenom 300 AMM Task 12-17-00-610-804-A. No Defects Noted.
Seq# 1304	Corrective Action:	Complied with MRID # 29-12-02-001 - Visual Check of Manifold/Reservoir IAW Phenom 300 AMM Task # 29-12-02-210-801-A. No Defects Noted.
Seq# 1305	Corrective Action:	Complied with MRID 23-61-00-001 Functional Check of Static Dischargers IAW Phenom 300 AMM task 23-61-00-720-801-A. No Defects Noted.
Seq# 1306	Corrective Action:	Complied with MRID 27-41-01-003 Lubrication of Pitch Trim Actuator IAW phenom 300 AMM task 12-21-00-640-805-A. No Defects Noted at this time.
Seq# 1307	Corrective Action:	Complied with MRID 27-41-01-005 Servicing of Pitch Trim Actuator Gear Boxes IAW phenom 300 AMM task 12-18-00-612-801-A. No Defects Noted.
Seq# 1308	Corrective Action:	Complied with 25-61-00-001 Operational Check of ELT System IAW P300 AMM 25-61-00-710-801-A.
Seq# 1309	Corrective Action:	Complied with 25-61-00-002 General Visual Inspection of Emergency Locator Transmitter for condition: proper installation and battery corrosion/leakage IAW P300 AMM 25-61-00-210-801-A. No Defects Noted.
Seq# 1310	Corrective Action:	Complied with Task 21-23-05-001 - Performed general visual inspection of ground cooling fan I.A.W. P-300 AMM chap 21-23-05-214-801-A. No defects noted.
Seq# 1311	Corrective Action:	Complied with MRID 21-52-01-002 Discard of Compressor Drive Module Belt IAW Phenom 300 AMM 21-52-01-960-801-A. No Defect Noted.
Seq# 1312	Corrective Action:	Complied with 21-52-08-001 General Visual Inspection of VCS Condenser IAW phenom 300 AMM task 21-52-08-210-801-A. No Defects Noted.
Seq# 1313	Corrective Action:	Complied with 21-23-03-003 Operational Check of Ram Air Valve Actuation IAW phenom 300 AMM task 21-23-03-710-802-A. No Defects Noted.
Seq# 1314	Corrective Action:	Complied with MRID 55-00-00-001 External General Visual Inspection of Stabilizer Polyurethane Films IAW Phenom 300 AMM task 55-00-20-210-801-A.
Seq# 1401	Corrective Action:	Complied with 26-11-01-001 Detailed Visual Inspection of LH Engine Fire Detector IAW phenom 300 AMM task 26-11-01-214-801-A. No Defects Noted.
Seq# 1402	Corrective Action:	Complied with 26-11-01-002 Operational Check of L/H Engine Fire Detector IAW phenom 300 AMM task 26-11-01-710-801-A. No defects noted.
Seq# 1403	Corrective Action:	Complied with 26-11-01-002 Operational Check of R/H Engine Fire Detector IAW phenom 300 AMM task 26-11-01-710-801-A. No Defects Noted.
Seq# 1404	Corrective Action:	Complied with MRID 54-00-00-001 External General Visual Inspection of Engine Pylon Polyurethane Films IAW Phenom 300 AMM task 54-51-20-210-801-A.
Seq# 1453	Corrective Action:	Complied with 24-31-01-001 Restoration of LH Starter Generator IAW P300 AMM 24-31-01-920-801-A, Task accomplished during completion of SB 505-24-0017, under W/O # F6156, SEQ # 4401.
Seq# 1454	Corrective Action:	Complied with 24-31-01-001 Restoration of RH Starter Generator IAW P300 AMM 24-31-01-920-801-A. Task Accomplished during Completion of SB 505-24-0017, under WO # F6156, SEQ # 4401.
Seq# 1455	Corrective Action:	Complied with 24-31-01-002 Detailed Inspection of L/H Starter Generator Brushes IAW P300 AMM 24-31-01-220-801-A. Brushes found to be worn beyond limits. SG's to be replaced under SEQ: 4401.

AIRCRAFT SERIAL NUMBER: 50500167 AIRCRAFT REGISTRATION: N713WD Release Date: 11/18/2017
MAINTENANCE PERFORMED ON WORK PACKAGE: F6156
EMB505, 50500167 Total Hours: 1,111.12 Total Cycles: 555.00
INSPECTION

Seq# 1001	Corrective Action:	Complied with 12 Month Airframe Inspection Package IAW Phenom 300 AMM 05-30-80, Revision Dated AUG 14/17.
Seq# 1002	Corrective Action:	Complied with 600 FH/12 Month Airframe Inspection Package IAW Phenom 300 AMM 05-30-02, Revision Dated AUG 14/17.
Seq# 1003	Corrective Action:	Complied with 24 Month Airframe Inspection per Phenom 300 AMM 05-30-81, Revision Dated AUG 14/17.
Seq# 1004	Corrective Action:	Complied with 1200 FH/24 Month Airframe Inspection per Phenom 300 AMM 05-30-12, Revision Dated AUG 14/17.
Seq# 1005	Corrective Action:	Complied with 48 Month Airframe Inspection per Phenom 300 AMM 05-30-83, Revision Dated AUG 14/17.
Seq# 1006	Corrective Action:	Complied with 3000 FH/ 48 Month Inspection (Airframe) per phenom 300 AMM 05-30-41, Revision dated AUG 14/17.
Seq# 1007	Corrective Action:	Complied with 600 FH Airframe Inspection per Phenom 300 AMM 05-30-01, Revision Dated AUG 14/17.
Seq# 1008	Corrective Action:	Complied with 1200 Flight Hour Airframe Inspection per phenom 300 AMM 05-30-10, Revision dated AUG 14/17.

ROUTINE

Seq# 1101	Corrective Action:	Complied with 29-15-03-001 Servicing of Hydraulic Accumulator IAW phenom 300 AMM task 12-13-00-610-801-A. No Defects Noted.
Seq# 1102	Corrective Action:	Complied with 22-11-00-002 Lubrication of Servo Actuators IAW phenom 300 AMM task 22-11-00-640-801-A. No Defects Noted.
Seq# 1103	Corrective Action:	Complied with 36-11-02-001 Detailed Inspection of Bleed Line Water Drains (Post Mod SB 505-21-0008) IAW phenom 300 AMM task 36-11-02-210-802-A. No Defect Noted.
Seq# 1104	Corrective Action:	Complied with task 24-36-01-003 discard of main batteries IAW P300 AMM 24-36-01. Operational check of batteries normal. No Defects Noted.
		P/N OFF #1 7639-34 S/N OFF G02925527 Battery P/N ON #1 7639-34 S/N ON G02945994 Battery P/N OFF #2 7638-48P S/N OFF G02871313 Battery P/N ON #2 7638-48P S/N ON G02970395 Battery
Seq# 1105	Corrective Action:	Main battery #1 was replaced on WO: F6156 Task 1104 with a new battery- this action completes task 24-36-01-005 functional check of Main Battery #1.
Seq# 1106	Corrective Action:	Main battery #2 was replaced on WO: F6156 Task 1104 with a new battery, this action completes task 24-36-01-005 functional check of main battery #2.
Seq# 1107	Corrective Action:	Complied with 22-11-00-001 (Functional Check of Autopilot Servos) IAW P300 AMM 22-11-00-720-801-A. See 1ea form 9 for discrepancy.
Seq# 1108	Corrective Action:	Complied with 34-11-02-001 Cleaning of Pitot-Static Probe. NOTE: Accomplish this requirement prior to the functional check (34-11-00-001). IAW phenom 300 AMM task 34-11-02-100-801-A. No Defects Noted.
Seq# 1109	Corrective Action:	Complied with MRID 53-00-00-001 External General Visual Inspection of Fuselage Polyurethane Films IAW Phenom 300 AMM task 53-00-20-210-801-A.
Seq# 1201	Corrective Action:	Complied with MRID Task 31-31-00-002 Operational Check of Cockpit Voice and Data Recorder System by performing CVDR System Operational Check IAW Phenom 300 AMM 2757 task 31-31-00-710-801-A. No Defects Noted.
Seq# 1202	Corrective Action:	Complied with MRID # 30-41-01-001 - Functional Check of Windshield Rain Repellent Coating per Phenom 300 AMM Task 30-41-01-720-801-A. Rain Repellent functional check. No Defects Noted.
Seq# 1203	Corrective Action:	Complied with 32-41-02-002 Functional Check of Brake Pedal Transducer IAW phenom 300 AMM task 32-41-02-820-801-A. No Defects Noted.
Seq# 1204	Corrective Action:	Complied with MRID 25-62-04-001 Detailed Dimensional Inspection of Water Barrier IAW Phenom 300 AMM task 25-62-04-220-801-A. No Defects Noted.
Seq# 1205	Corrective Action:	Complied with MRID 27-01-03-001 Lubrication of Rotary Ball Spline IAW Phenom 300 AMM task 12-21-00-640-804-A. No Defect noted at this time.
Seq# 1206	Corrective Action:	Complied with MRID 30-31-00-002 Operational Check IASP Probe and Pitot Static Heating IAW Phenom 300 AMM 2757 part II task 30-30-00-710-801-A. No Defects Noted.
Seq# 1207	Corrective Action:	Complied with MRID 34-15-00-001 Functional Check of Air Data System IAW Phenom 300 AMM 2757 part II task 34-15-00-720-801-A. Ref to WO: F6156 task 6202 for FAR 91.411 Statement. No Defects Noted.
Seq# 1208	Corrective Action:	Complied with 24 Month Task 34-15-00-002 Special Detailed Inspection of RVSM Critical Region (Skin) for Waviness IAW P300 AMM 34-15-00. Sent Data to Aeromech. Received Aeromech RVSM Airframe Conformity Inspection Analysis with no defects noted.
Seq# 1209	Corrective Action:	Complied with MRID 34-15-00-003 Detailed Inspection of IASP IAW Phenom 300 AMM 34-15-07-210-802-A. No Defects Noted.
Seq# 1210	Corrective Action:	Complied with 27-36-03-001 Operational Check of Pusher Cutout Switch IAW phenom 300 AMM task 27-36-03-710-801-A. No Defects Noted.
Seq# 1211	Corrective Action:	Complied with 33-52-17-001 - Operational Check of Inertial Switch IAW phenom 300 AMM task 33-52-17-710-801-A. No Defects Noted.
Seq# 1212	Corrective Action:	Complied with 25-62-01-001 Visual Check of First Aid Kit NOTE: FAK expiration date is defined by the kit item with the shortest expiration date IAW phenom 300 AMM task 25-62-01-200-801-A.
Seq# 1213	Corrective Action:	Complied with 33-52-01-001 Functional Check of Emergency Lights Battery (BE - Aerospace) PN 5434-00 or 6434-00 or Post Mod SB 505-33-0007 Note: Interval 18MO and thereafter every 12 MO. IAW phenom 300 AMM task 33-52-01-720-801-A. No Defects Noted.
Seq# 1214	Corrective Action:	Complied with MRID 34-23-00-001 Functional Check of Standby Compass IAW Phenom 300 AMM task 34-23-00-720-801-A. Pending Installation of updated compass placard.
		Removed and Installed a new standby compass calibration placard IAW P300 AMM 34-23-00.
Seq# 1215	Corrective Action:	Complied with 29-15-04-001 Operational Check of Engine Hydraulic Shut-Off Valve IAW P300 AMM 29-15-04-710-801-A. No Defects Noted.
Seq# 1216	Corrective Action:	Complied with MRID 35-11-00-001 Ops Check of Crew Oxygen Mask and Stowage Box IAW P300 AMM 35-11-02-710-801-A. Ops check good. No Defects Noted.
Seq# 1217	Corrective Action:	Complied with 26-24-01-001 Weight Check Cabin Portable Fire Extinguisher. Weight: 3.288 Lb. No Defects Noted.

LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks
CT. 06096 CRS 1MBD176B



Phone: 860-804-4553

Fax: 860-627-0532

W/O: B2895

Date: October 27, 2017

Aircraft N713WD
S/N 50500167
AFTT 1105.4 hrs.
Landings 553

Left Eng. S/N PCE-DG0338
ETT 1105.4 hrs. Cycles 553
Right Eng. S/N PCE-DG0339
ETT 1105.4 hrs. Cycles 553

A Non-routine Maintenance Accomplished:

SEQ 5701 Customer reports engine 1 and 2 fuel impending bypass cas message. Removed and replaced L/H engine and R/H engine fuel filters with new IAW PWC 535 EMM 73-10-05-000/400-801. No debris or contamination noted in removed filters. Performed high power engine run on L/H and R/H engines with no fuel impending bypass cas message present IAW P300 AMM 71-00-01-910-801-A. Performed wing tank microorganism check IAW P300 AMM 28-11-00-280-801-A with no defects noted.

-----END-----

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND WITH RESPECT TO THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE MAINTENANCE ARE ON FILE AT THIS REPAIR STATION UNDER WORK PACKAGE NO. B2895 DATED: October 27, 2017.

Gary Nylund, SIGNED  FOR EMBRAER EXECUTIVE JET SERVICES, LLC, 41 PERIMETER ROAD, WINDSOR LOCKS, CT 06096. REPAIR STATION 1MBD176B.



Reg # N713WD
Make: EMBRAER
Model: PHENOM 300
S/N: 00167

Date: 08-28-2017
W/O #: 16AR85926
Times: 1069.8
Cycles: 535

REPLACED RH ENGINE FUEL FILTER WITH NEW IAW PRATT AND WHITNEY 535E EMM, CH. 73-10-05. REMOVED SUSPECT RH ENGINE FUEL-PRESSURE-TRANSDUCER SENSOR AND INSTALLED A NEW REPLACEMENT UNIT IAW P&W 535E EMM, CH. 73-30-02. OPERATIONAL CHECKS AND LEAK CHECKS SATISFACTORY WITH NO FURTHER DEFECTS NOTED AT THIS TIME.

FUEL-PRESS-TRANS SENS - P/N OFF: 3073602-01 S/N OFF: KLA00372
P/N ON: 3073602-01 S/N ON: KLA00945

I certify that this aircraft has been repaired and inspected and determined to be in airworthy condition and return to service. Pertinent details of the inspection are on file at this agency under the work number shown above.

Signed by CHRISTOPHER WILKES for Jet East Corporate Aviation, LLC CRS J21R713Y

N713WD PHENOM 300 S/N: 50500167 TT: 1102.0 LDGS: 551 W/O: 14794 10/25/2017

1. Complied with Service Bulletin **505-27-A028**, Rev.02 dated 10/06/17. Inspect the aileron trim tab, rudder trim tab and elevator autotab attachment points to make sure the cotter pin is installed. No discrepancies noted.
2. Customer request L/H wheel assembly be changed due to worn tire. Removed the L/H MLG wheel assembly with worn tire. Wheel P/N: 505-19517-611, S/N: 5187PD Tire P/N: 258K63-2, S/N: 60532672. Installed wheel assembly P/N: 505-19517-611, S/N: 5280QS with new tire P/N: 258K63-2, S/N: 72222541 after overhaul by Embraer Executive Jet Services, CRS# 1MB3176B under W/O# W5084 dated 10/20/17. Serviced tire pressure. Work performed in reference to EMB-505S AMM chap. 32-45-01.

THE MAINTENANCE WAS PERFORMED UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PHENOM 300 AMM REV. 49 DATED MAY 22, 2017 MAINT. MAN. AS APPLICABLE, THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND / OR COMPONENT IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEM # 1& #2. DETAILS ARE ON FILE UNDER W/O: 14794.



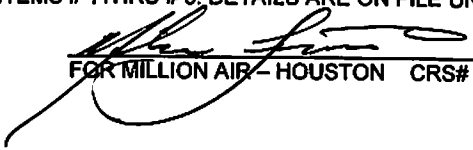
FOR MILLION AIR - HOUSTON CRS# LJCR092G

N713WD PHENOM 300 S/N: 50500167 TT: 1069.8 LDGS: 534 W/O: 14650 08/18/2017

1. Complied with EMB-505 SB 505-33-0007. Removed #1 battery P/N: 6434-00, S/N: 000175. Installed P/N: 6450LS-00, S/N: 000612 after tested by Radiant Power Corp. CRS# W9PR345Y under WO# 90612-00. Removal and installation performed in reference to EMB-505s AMM 33-52-01. Operational check satisfactory.
2. Complied with EMB-505, SB 505-33-0007. Removed #2 battery P/N: 6434-00, S/N: 000149. Installed P/N: 6450LS-00, S/N: 000608. Tested by Radiant Power Corp. CRS# W9PR345Y under WO# 90489-00. Removal and installation performed in reference to EMB-505s AMM 33-52-01. Operational check satisfactory.
3. Removed #1 main battery PN: 7638-48P, SN: G02871313. Installed fwd. main battery P/N: 7639-34, S/N: G02871313 after inspected (Capacity check and charge) by United Batteries & Accessories Inc. CRS# U9BR618Y. Under W/O# 31406 dated 08/17/17. Work performed ref. EMB-505 AMM chap. 24-36-01.
4. Removed #2 main battery PN: 7639-34, SN: G02925527. Installed aft. main battery P/N: 7638-48P, S/N: G02871313 after inspected (Capacity check and charge) by United Batteries & Accessories Inc. CRS# U9BR618Y under W/O# 31406 dated 08/17/17. Work performed in reference to EMB-505S AMM chap. 24-36-01.

THE MAINTENANCE WAS PERFORMED UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PHENOM 300 AMM REV. 45 DATED DEC. 16, 2016 MAINT. MAN. AS APPLICABLE, THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND / OR COMPONENT IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS # 1THRU # 5. DETAILS ARE ON FILE UNDER W/O: 14650.

MILLION AIR®



FOR MILLION AIR - HOUSTON CRS# LJCR092G

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: 50500167



EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 960.9 Acft TAC: 479 3/23/2017 Page 1 of 1

Complied with the following Maintenance

- 1 Complied with Remove and Replace of the #1 Engine Fire Detector in Accordance w/Phenom 300 AMM 26-11-01 (ops check Okay).

P/N OFF 1 Eng 3951-51-565/215C-5.1M S/N OFF 47954 Fire Detector
P/N ON 1 Eng 3951-51-565/215C-5.1M S/N 50219 Fire Detector Ref EEJS WP-F5647/ Seq 2401

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return-to-service. Pertinent details of the repair are on file at this repair station under work order F5647 Dated: 3/23/2017

Signed For Embraer Executive Jet Services, LLC By: 

Employee Number: 16075

FAA CRS# 1MB3176B



EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 963.4 Acft TAC: 480 3/28/2017 Page 1 of 1

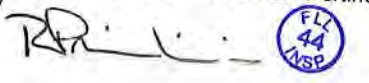
Complied with the following Maintenance

- 1 Troubleshoot system and found the test control panel INOP. Removed and replaced the test control panel with a new unit I.A.W. P-300 AMM 33-12-02. Ops check good at this time.

P/N OFF 441-42631-003 S/N OFF 1184 Test Control Panel
P/N ON 441-42631-003 S/N ON 1429 Test Control Panel Ref EEJS WP-F5658/ Seq 2201

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F5658 Dated: 3/28/2017

Signed For Embraer Executive Jet Services, LLC By: 

Employee Number: 16037

FAA CRS# 1MB3176B

DATE

TRANSP

TOTAL



LICENCE
NUMBER

FLIGHT

N713WD PHENOM 300 S/N: 50500167 TT: 872.0 LDGS: 436 W/O: 14105 12/26/2016

AIRCRAFT

FLIGHT TIME

DATE

Hours / M

1. Engine 2 Fuel Imp Bypass CAS Message. Removed L/H Fuel filter element. Inspected, found no defects. Reinstalled fuel filter element with new o-rings. Removed L/H and R/H engine differential fuel pressure transducers. Swapped L/H and R/H engine differential fuel pressure transducers P/N: 3073602-01, *Not serialized items*. Installed new o-rings P/N: AS3209-014 and M83248/1-114. Operational and leak check satisfactory. Work performed in reference to EMB-505 EMM Chap. 73-30-02.
2. Swap LH and RH fuel flow meter. Swapped LH and RH fuel flow meter. Installed LH Fuel Flow Meter P/N: 8TJ300AAB2, S/N: 31130, and RH Fuel Flow Meter P/N: 8TJ300AAB2, S/N: 31132. Work performed in reference to EMB-505 AMM chap. 73-33-01.
3. Removed Nose wheel assembly P/N: 505-19601-605, S/N: 5079ML with worn tire. Installed wheel assembly P/N: 505-19601-605, S/N: 5029HL after Overhaul and with new tire P/N: 156K23B1, S/N: 62542652 installed by Embraer CRS# 1MB3176B under WO# W3261. Serviced tire to proper levels. Work performed in reference to in Reference to Phenom 300 AMM chap. 32-45-11.
4. Serviced L/H and R/H engines 1qt each mobile jet II to proper levels. All work performed in reference to Phenom 300 AMM chap. 12-12-00 dated 12 Dec. 2016.

THE MAINTENANCE WAS PERFORMED UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PHENOM 300 AMM REV. 45 DATED DEC. 16, 2016 MAINT. MAN. AND P&W 535E LMM REV 11, DATED: MAY 30, 2016 AS APPLICABLE. THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND / OR COMPONENT IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS # 1 THRU # 4. DETAILS ARE ON FILE UNDER W/O: 14105.

MILLION AIR

FOR MILLION AIR - HOUSTON CRS# LJCR092G



EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg: N713WD Acft SN: 50500167 EMB-505

Acft TAT: 901.1 Acft TAC: 448

1/21/2017 Page 1 of 1

Complied with the following Maintenance

- 1 Performed troubleshooting of discrepancy and found window shade hardware missing. Installed new hardware IAW P300 AMM Chp 25-23-07. No defects noted. Ref EEJS WP-F5440/ Seq 2201

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F5440 Dated: 1/21/2017

Signed For Embraer Executive Jet Services, LLC By:

Employee Number:

12295

FAA CRS# 1MB3176B

DATA

EMBRAER

LICENCE

SIGNATURE

NUMBER

TRANSPORT

TOTAL



EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB3176

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg: N713WD

Eng SN: PCE-DG0338 PWC535E

Eng TT: 862.2

Eng TC: 431

12/6/2016 Page 3 of 3

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F5264 Dated: 12/6/2016

Signed For Embraer Executive Jet Services, LLC By:

Employee Number: 12295



Acft Reg: N713WD

Eng SN PCE-DG0339 PWC535E Eng TT: 862.2 Eng TC: 431 12/6/2016 Page 2 of 3

14 Complied with mx task 73-20-02-212-801 GVI of the LH Eng wiring harness. No defects noted. Ref EEJS WP-F5264/ Seq 1425

15 Complied with mx task 74-10-01-212-801 GVI of the LH Exciters. No defects noted. Ref EEJS WP-F5264/ Seq 1429

16 Complied with mx Task 74-20-01-212--801 GVI of the LH Engine Ignition Cables. No defects noted.
Complied with operational check of LH Engine Ignition Cables during Engine Start IAW P-300 EMM 71-00-00. Ref EEJS WP-F5264/ Seq 1431

17 Complied with mx task 75-30-01-212-801 GVI of the LH BOV assy and BOV servo valve. No defects noted. Ref EEJS WP-F5264/ Seq 1433

18 Complied with P300 EMM Task 77-20-02-750-801 Operational check of the LH Engine T6 Temperature Indicating System. No defects noted. Ref EEJS WP-F5264/ Seq 1404

19 Complied with PWC 12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the LH engine.PCE-DG0339. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1002

20 Complied with PWC 1800 FH/36 MO Inspection for L/H engine S/N PCE-DG0339. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1003

21 Complied with PWC 600 FH/12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the LH engine. S/N PCE-DG0339. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1006

22 Complied with task 72-00-00-212-801 General Visual Inspection of the LH Engine Inlet Area IAW PWC 535E EMM task 72-00-00-212-801. No defects noted. Ref EEJS WP-F5264/ Seq 1405

23 Complied with task 72-00-00-212-807 General Visual Inspection of the LH Eng LP Compressor Inlet Components IAW PWC EMM task 72-00-00-212-807. No defects noted. Ref EEJS WP-F5264/ Seq 1407

24 Complied with task 72-00-00-212-809 Special Detailed Inspection of the LH Eng. Fan Exit Vane (retaining) Clamp IAW PWC EMM task 72-00-00-212-809. Ref EEJS WP-F5264/ Seq 1409

25 Complied with task 72-00-00-280-819 Special Detailed Inspection of the LH Engine Emergency Fuel Shutoff Valve Lever Assembly IAW PWC EMM task 72-00-00-280-819. No defects noted, Ref EEJS WP-F5264/ Seq 1415

26 Complied with task 79-30-01-770-801 Complied with Operational Check of the LH Chip Detector IAW PWC EMM task 79-30-01-770-801. No defects noted.
Complied with Leak Check of LH Engine one detector during engine Run-up IAW P300 EMM 71-00-00. No leakage noted. Ref EEJS WP-F5264/ Seq 1441

**Log Book Insert** 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acraft Reg: N713WD

Eng SN: PCE-DG0338 PWC535E

Eng TT: 862.2

Eng TC: 431

12/6/2016 Page 1 of 3

Complied with the following Inspections

- 1 Complied with MX Task 72-00-00-212-804 GVI of the RH Turbine Exhaust Case. No defects noted. Ref EEJS WP-F5264/ Seq 1414
- 2 Complied with MX Task 72-00-00-280-820 Special Detailed Inspection of the R/H Fan Exit Vanes. No defects noted. Ref EEJS WP-F5264/ Seq 1412
- 3 Complied with mx task 73-10-07-212-801 GVI of the RH Eng FSOV Cable. No defects noted. Ref EEJS WP-F5264/ Seq 1424
- 4 Complied with Phenom 300 EMM 71-00-00-760-823 do TLD Clearing procedure for R/H engine. No defects noted. Ref EEJS WP-F5264/ Seq 1446
- 5 Complied with 72-00-00-212-807 GVI of the RH engine LP Compressor inlet Components IAW P-300 EMM. No Discrepancies noted. Ref EEJS WP-F5264/ Seq 1408
- 6 Complied with EMM task 79-30-02-210-801 Detailed Inspection of the RH Engine Oil Filter Impending Bypass Switch. No Discrepancies noted.
Complied with Leak check of RH Engine Oil filter impending bypass switch IAW P-300 EMM 71-00-00 during engine run-up. No leakage noted. Ref EEJS WP-F5264/ Seq 1444
- 7 Complied with mx task 72-00-00-212-803 GVI of the RH Bypass Duct. No defects noted. Ref EEJS WP-F5264/ Seq 1420
- 8 Complied with mx task 72-00-00-212-808 GVI of the RH Eng T6 Temperature Indicating System. Ref EEJS WP-F5264/ Seq 1436
- 9 Complied with mx task 72-00-00-640-802 GVI of the R/H Eng Oil Level. No Oil Service Required. Ref EEJS WP-F5264/ Seq 1440
- 10 Complied with mx task 73-20-02-212-801 GVI of the R/H Engine Wiring Harness. No defects noted. Ref EEJS WP-F5264/ Seq 1426
- 11 Complied with mx task 74-10-01-212-801 GVI of the R/H Ignition Exciter. No defects noted. Ref EEJS WP-F5264/ Seq 1430
- 12 Complied with mx task 75-30-01-212-801 GVI of the RH BOV Assy and BOV Valve. No defects noted. Ref EEJS WP-F5264/ Seq 1434
- 13 Complied with P-300 EMM 79-30-01-770-801 Operational check of the RH Engine Chip Detector. No discrepancies noted.
Complied with Leak check During Engine Run-up IAW P-300 EMM 71-00-00. No Discrepancies noted (RH Chip detector) Ref EEJS WP-F5264/ Seq 1442
- 14 Complied with P-300 EMM Task 72-00-00-280-819 Special Detailed Inspection of the RH Engine Emergency Fuel shutoff Lever Assy. No defects noted. Ref EEJS WP-F5264/ Seq 1416
- 15 Complied with P300 EMM Task 73-10-05-212-801 Inspect the RH Engine Fuel Filter. No Discrepancies noted.
Complied with leak check of RH Engine Fuel Filter IAW P-300 EMM 71-00-00 during Engine Run-Up. No Leakage noted. Ref EEJS WP-F5264/ Seq 1402



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Eng SN PCE-DG0339 PWC535E

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Complied with the following Inspections

- 1 Complied with mx Task 73-30-02-212-801 GVI of the LH Fuel Pressure Transducer Sensor. No defects noted. All work done IAW PWC EMM 73-10-05.
Complied with leak check of LH Engine fuel pressure transducer Sensor during engine IAW 71-00-00 P-300 EMM. No leaks noted. Ref EEJS WP-F5264/ Seq 1427
- 2 Complied with Mx Task 79-30-02-210-801 Detailed Inspection of L/H Engine oil filter impending bypass switch. No defects noted. Complied with Leak check of LH Engine Oil Filter Impending bypass switch during Engine Run-up IAW P-300 EMM 71-00-00. No leakage noted. Ref EEJS WP-F5264/ Seq 1443
- 3 Complied with Phenom 300 EMM 71-00-00-760-823 Do TLD Clearing Procedure for L/H Engine. No defect noted. Ref EEJS WP-F5264/ Seq 1445
- 4 Complied with Mx task 72-00-00-212-802 GVI of the LH Intermediate Case and AGB. No defects noted. Ref EEJS WP-F5264/ Seq 1417
- 5 Complied with Mx task 72-00-00-212-803 GVI of the LH Bypass Duct. No defects noted. Ref EEJS WP-F5264/ Seq 1419
- 6 Complied with mx task 72-00-00-212-804 GVI of the LH Turbine Exhaust Case. No defects noted. Ref EEJS WP-F5264/ Seq 1413
- 7 Complied with mx task 72-00-00-212-805 GVI of the LH Eng Fuel Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1421
- 8 Complied with Mx task 72-00-00-212-806 GVI of the LH Oil Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1437
- 9 Complied with Mx task 72-00-00-212-808 GVI of the LH Eng T6 Temperature Indicating System. No defects noted. Ref EEJS WP-F5264/ Seq 1435
- 10 Complied with mx Task 72-00-00-280-820 Special Detailed Insp. of the LH Fan Exit Vanes. No defects noted.
During Fan Exit Vane inspection, found a broken Rivet head at 11:00 o clock on Inlet Lip Ref EEJS Form 09. Ref EEJS WP-F5264/ Seq 1411
- 11 Complied with mx task 72-00-00-640-802 GVI of the LH Engine Oil Level. Added 1.0 qt. Ref EEJS WP-F5264/ Seq 1439
- 12 Complied with mx Task 73-10-05-212-801, Inspected the LH Engine Fuel filter. No defects noted, No debris found. All work done IAW PWC EMM 79-30-01.
Complied with Leak check of L/H Engine Fuel Filter IAW P-300 EMM 71-00-00. No leakage noted (Engines Running) Ref EEJS WP-F5264/ Seq 1401
- 13 Complied with mx task 73-10-07-212-801 GVI of the LH Eng FSOV Cable. No defects noted. Ref EEJS WP-F5264/ Seq 1423



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- 16 Complied with P-300 EMM Task 73-30-02-212-801 GVI of the RH Fuel Pressure Transducer Sensor. No discrepancies noted. Complied with Leak check of RH Engine fuel pressure transducer sensor during engine run up IAW P-300 EMM 71-00-00. No leaks noted. Ref EEJS WP-F5264/ Seq 1428
 - 17 Complied with P-300 EMM Task 77-20-02-750-801 Operational check of RH Engine T6 Temperature Indicating system. No defects noted. Ref EEJS WP-F5264/ Seq 1403
 - 18 Complied with P-300 task Task 72-00-00-212-809 Special Detailed inspection of the RH Engine Fan Exit Vane Retaining Clamp. No defects noted. Ref EEJS WP-F5264/ Seq 1410
 - 19 Complied with Phenom 300 task Task 72-00-00-212-801 GVI of the RH Engine Inlet Area. No discrepancies noted Ref EEJS WP-F5264/ Seq 1406
 - 20 Complied with PWC 12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the RH engine. PCE-DG0338. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1001
 - 21 Complied with PWC 1800 FH/36 MO Inspection for R/H engine S/N PCE-DG0338. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1004
 - 22 Complied with PWC 600 FH/12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the RH engine. S/N PCE-DG0338. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1005
 - 23 Complied with task 72-00-00-212-802 General Visual Inspection of the RH Intermediate Case & AGB IAW PWC EMM 72-00-00-212-802. No defects noted. Ref EEJS WP-F5264/ Seq 1418
 - 24 Complied with task 72-00-00-212-805 GVI of the R/H Eng Fuel Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1422
 - 25 Complied with task 72-00-00-212-806 GVI of the RH Eng Oil Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1438
- Complied with the following Service Bulletins**
- 26 Complied with SB 505-71-0008 Rev 1 Dated: JULY 18 2016 Powerplant- Replacement of the engine air inlet. Performed an operational check of the ice protection of both engines. OPS Check and leak check good.
OFF LH Engine Air Inlet PN 505-36920-409 SN 041
ON LH Engine Air Inlet PN 505-43420-403 SN CPI388
OFF RH Engine Air Inlet PN 505-36930-409 SN 043
ON RH Engine Air Inlet PN 505-43430-403 SN CPI353 Ref EEJS WP-F5264/ Seq 4402



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Eng SN PCE-DG0339

PWC535E

Eng TT: 862.2

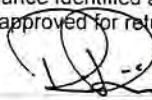
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Complied with the following Service Bulletins

- 27 Complied with SB 505-71-0008 Rev 1 Dated: JULY 18 2016 Powerplant- Replacement of the engine air inlet.
Performed an operational check of the ice protection of both engines. OPS Check and leak check good.
OFF LH Engine Air Inlet PN 505-36920-409 SN 041
ON LH Engine Air Inlet PN 505-43420-403 SN CPI388
OFF RH Engine Air Inlet PN 505-36930-409 SN 043
ON RH Engine Air Inlet PN 505-43430-403 SN CPI353 Ref EEJS WP-F5264/ Seq 4402

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F5264 Dated: 12/6/2016

Signed For Embraer Executive Jet Services, LLC By: 

Employee Number: 12295 

AIRCRAFT SERIAL NUMBER: 50500167



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Complied with the following Inspections

- 1 Complied with MX Task 72-00-00-212-804 GVI of the RH Turbine Exhaust Case. No defects noted. Ref EEJS WP-F5264/ Seq 1414
- 2 Complied with MX Task 72-00-00-280-820 Special Detailed Inspection of the R/H Fan Exit Vanes. No defects noted. Ref EEJS WP-F5264/ Seq 1412
- 3 Complied with mx task 73-10-07-212-801 GVI of the RH Eng FSOV Cable. No defects noted. Ref EEJS WP-F5264/ Seq 1424
- 4 Complied with mx Task 73-30-02-212-801 GVI of the LH Fuel Pressure Transducer Sensor. No defects noted. All work done IAW PWC EMM 73-10-05.
Complied with leak check of LH Engine fuel pressure transducer Sensor during engine IAW 71-00-00 P-300 EMM. No leaks noted. Ref EEJS WP-F5264/ Seq 1427
- 5 Complied with Mx Task 79-30-02-210-801 Detailed Inspection of L/H Engine oil filter impending bypass switch. No defects noted. Complied with Leak check of LH Engine Oil Filter Impending bypass switch during Engine Run-up IAW P-300 EMM 71-00-00. No leakage noted. Ref EEJS WP-F5264/ Seq 1443
- 6 Complied with Phenom 300 AMM 32-41-02-002 Functional check of Brake Pedal Transducer. No defect noted. Ref EEJS WP-F5264/ Seq 1204
- 7 Complied with Phenom 300 AMM 52-11-00-003 functional check of main door internal handle strength. No defect noted. Ref EEJS WP-F5264/ Seq 1801
- 8 Complied with Phenom 300 EMM 71-00-00-760-823 Do TLD Clearing Procedure for L/H Engine. No defect noted. Ref EEJS WP-F5264/ Seq 1445
- 9 Complied with Phenom 300 EMM 71-00-00-760-823 do TLD Clearing procedure for R/H engine. No defects noted. Ref EEJS WP-F5264/ Seq 1446
- 10 Complied with Phenom 300 task 26-24-01-001 Weight check of portable fire extinguishers. No defect noted. Cockpit portable Fire Extinguisher P/N: RT-A1200 SN: X-726562 weights: 3.30 lbs and cabin portable fire extinguisher P/N: RT-A1200 S/N: X-726569 Weight 3.29 lbs. Ref EEJS WP-F5264/ Seq 1212
- 11 Complied with Phenom 300 task 35-11-00-001 Operational check of Crew Oxygen mask and stowage box. No defect noted. Ref EEJS WP-F5264/ Seq 1211
- 12 Complied with Phenom 300 task 35-11-02-001 Detailed visual inspection of Crew Oxygen masks with BE Aerospace mask. No defect noted. Ref EEJS WP-F5264/ Seq 1210
- 13 Complied with Phenom 300 task 35-11-04-001 Detailed Visual Inspection of crew goggles. No defect noted. Ref EEJS WP-F5264/ Seq 1206

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- 14 Complied with Phenom 300 task 25-62-01-001 Visual check of first aid kit: FAK Expiration date is defined by the kit item with the shortest expiration date. FAK exp: 01/2017. Ref EEJS WP-F5264/ Seq 1213
- 15 Complied with Phenom 300 task 35-21-01-001 Detailed Inspection of Passenger Oxygen masks. No defect noted. Ref EEJS WP-F5264/ Seq 1207
- 16 Complied with 12 Month Airframe Inspection Package IAW Phenom 300 AMM 05-30-80. Complied with 12 Month Airframe Inspection. Work done IAW P300 AMM Chapter 05. Ref EEJS WP-F5264/ Seq 1007
- 17 Complied with 1800 FH/36 MO airframe inspection. Work done IAW P300 AMM Chapter 05. Ref EEJS WP-F5264/ Seq 1011
- 18 Complied with 21-52-01-003 Functional Check of Compressor Belt Tension IAW P-300 AMM 21-52-01-720-801-A. No Discrepancies noted. Ref EEJS WP-F5264/ Seq 1303
- 19 Complied with 22-11-00-001 (functional check of autopilot servos) IAW P300 AMM 22-11-00. No defects noted. Ref EEJS WP-F5264/ Seq 1105
- 20 Complied with 25-61-00-002 General Visual Inspection of Emergency Locator Transmitter for condition: proper installation and battery corrosion/leakage IAW P300 AMM 25-61-00. No defect noted. ELT P/N: S1821502-02, SN: LX1100050560 Battery Expires 08-2019 Ref EEJS WP-F5264/ Seq 1306
- 21 Complied with 28-11-00-001 Functional Check of Fuel Tanks for Micro-Organisms. No defects noted. Ref EEJS WP-F5264/ Seq 1502
- 22 Complied with 28-12-01-001 Special Detailed Inspection of Fuel Vent NACA. No defects noted. Ref EEJS WP-F5264/ Seq 1503
- 23 Complied with 29-12-02-001 visual Check of manifold/ Reservoir. No defects noted. Ref EEJS WP-F5264/ Seq 1304
- 24 Complied with 30-41-01-001 Functional Check of Windshield Rain Repellent Coating. See Form 9 (1) for discrepancy. Ref EEJS WP-F5264/ Seq 1203
- 25 Complied with 32-00-00-001 External General Visual Inspection of Landing Gear Polyurethane Films. No defects noted. Ref EEJS WP-F5264/ Seq 1701
- 26 Complied with 32-11-00-001 Visual check of main landing gear. no defects noted. Ref EEJS WP-F5264/ Seq 1702
- 27 Complied with 32-11-00-003 Lubrication of main landing gear IAW P-300 AMM Task 12-21-00-640-801-A. no discrepancies noted. Ref EEJS WP-F5264/ Seq 1703
- 28 Complied with 32-11-03-004 Servicing of main landing gear shock absorber IAW P-300 AMM 12-14-02-610-802-A. No defects noted. Ref EEJS WP-F5264/ Seq 1704
- 29 Complied with 32-21-00-003 Lubrication of Nose Landing Gear Ref EEJS WP-F5264/ Seq 1706

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: 50500167



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- 30 Complied with 32-21-05-004 Servicing of Nose Landing Gear Shock Absorber IAW P-300 AMM 12-14-03-610-802-A. No defects noted. Ref EEJS WP-F5264/ Seq 1707
- 31 Complied with 32-21-06-005 Visual Check of Nose Landing Gear Shimmy Damper. No defects noted. Ref EEJS WP-F5264/ Seq 1708
- 32 Complied with 35-21-00-001 Functional Check of Passenger Oxygen System in Auto Mode IAW P300 AMM 35-21-00. See EEJS Form 9 for 1 each discrepancy. Ref EEJS WP-F5264/ Seq 1209
- 33 Complied with 35-21-00-002 Operational Check of Passenger Oxygen System in Manual Mode IAW P300 AMM 35-21-00. See EEJS Form 09 for 1 each discrepancy. Ref EEJS WP-F5264/ Seq 1208
- 34 Complied with 54-00-00-001 External General Visual Inspection of Engine Pylon Polyurethane Films. No defects noted. Ref EEJS WP-F5264/ Seq 1447
- 35 Complied with 600 FH/12 Month Airframe Inspection Package IAW Phenom 300 AMM 05-30-02. Work done IAW P300 AMM Chapter 05. Ref EEJS WP-F5264/ Seq 1010
- 36 Complied with 72-00-00-212-807 GVI of the RH engine LP Compressor inlet Components IAW P-300 EMM. No Discrepancies noted. Ref EEJS WP-F5264/ Seq 1408
- 37 Complied with Detailed visual Inspection of VCS Compressor Motor Drive Module 21-52-01-001 IAW P300 AMM 21-52-01-210-801-A. No Discrepancies noted. Ref EEJS WP-F5264/ Seq 1302
- 38 Complied with EMM task 79-30-02-210-801 Detailed Inspection of the RH Engine Oil Filter Impending Bypass Switch. No Discrepancies noted. Complied with Leak check of RH Engine Oil filter impending bypass switch IAW P-300 EMM 71-00-00 during engine run-up. No leakage noted. Ref EEJS WP-F5264/ Seq 1444
- 39 Complied with inspection of aircraft and found elevator FDR RVDT not installed- This task is not applicable. This completes task 31-33-05-002. Functional check of elevator FDR RVDT. Ref EEJS WP-F5264/ Seq 1009
- 40 Complied with inspection of aircraft and found rudder FDR RVDT not installed- this task is not applicable to this aircraft- This completes task 31-33-05-001 functional check of rudder FDR RVDT. Ref EEJS WP-F5264/ Seq 1008
- 41 Complied with MRID # 21-52-06-001- Servicing of VCS Refrigerant fluid IAW P-300 AMM 12-17-00-610-804-A. No discrepancies noted. Ref EEJS WP-F5264/ Seq 1305
- 42 Complied with Mx task 72-00-00-212-802 GVI of the LH Intermediate Case and AGB. No defects noted. Ref EEJS WP-F5264/ Seq 1417
- 43 Complied with Mx task 72-00-00-212-803 GVI of the LH Bypass Duct. No defects noted. Ref EEJS WP-F5264/ Seq 1419



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44 Complied with mx task 72-00-00-212-803 GVI of the RH Bypass Duct. No defects noted. Ref EEJS WP-F5264/ Seq 1420

45 Complied with mx task 72-00-00-212-804 GVI of the LH Turbine Exhaust Case. No defects noted. Ref EEJS WP-F5264/ Seq 1413

46 Complied with mx task 72-00-00-212-805 GVI of the LH Eng Fuel Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1421

47 Complied with Mx task 72-00-00-212-806 GVI of the LH Oil Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1437

48 Complied with Mx task 72-00-00-212-808 GVI of the LH Eng T6 Temperature Indicating System. No defects noted. Ref EEJS WP-F5264/ Seq 1435

49 Complied with mx task 72-00-00-212-808 GVI of the RH Eng T6 Temperature Indicating System. Ref EEJS WP-F5264/ Seq 1436

50 Complied with mx Task 72-00-00-280-820 Special Detailed Insp. of the LH Fan Exit Vanes. No defects noted.
During Fan Exit Vane inspection, found a broken Rivet head at 11:00 o clock on Inlet Lip Ref EEJS Form 09. Ref EEJS WP-F5264/ Seq 1411

51 Complied with mx task 72-00-00-640-802 GVI of the LH Engine Oil Level. Added 1.0 qt. Ref EEJS WP-F5264/ Seq 1439

52 Complied with mx task 72-00-00-640-802 GVI of the R/H Eng Oil Level. No Oil Service Required. Ref EEJS WP-F5264/ Seq 1440

53 Complied with mx Task 73-10-05-212-801, Inspected the LH Engine Fuel filter. No defects noted, No debris found. All work done IAW PWC EMM 79-30-01.
Complied with Leak check of L/H Engine Fuel Filter IAW P-300 EMM 71-00-00. No leakage noted (Engines Running) Ref EEJS WP-F5264/ Seq 1401

54 Complied with mx task 73-10-07-212-801 GVI of the LH Eng FSOV Cable. No defects noted. Ref EEJS WP-F5264/ Seq 1423

55 Complied with mx task 73-20-02-212-801 GVI of the LH Eng wiring harness. No defects noted. Ref EEJS WP-F5264/ Seq 1425

56 Complied with mx task 73-20-02-212-801 GVI of the R/H Engine Wiring Harness. No defects noted. Ref EEJS WP-F5264/ Seq 1426

57 Complied with mx task 74-10-01-212-801 GVI of the LH Exciters. No defects noted. Ref EEJS WP-F5264/ Seq 1429

58 Complied with mx task 74-10-01-212-801 GVI of the R/H Ignition Exciter. No defects noted. Ref EEJS WP-F5264/ Seq 1430

59 Complied with mx Task 74-20-01-212-801 GVI of the LH Engine Ignition Cables. No defects noted.
Complied with operational check of LH Engine Ignition Cables during Engine Start IAW P-300 EMM 71-00-00. Ref EEJS WP-F5264/ Seq 1431

60 Complied with mx task 74-20-01-212-801 GVI of the RH Eng Ignition Cables. No defects noted. Ref EEJS WP-F5264/ Seq 1432

61 Complied with mx task 75-30-01-212-801 GVI of the LH BOV assy and BOV servo valve. No defects noted. Ref EEJS WP-F5264/ Seq 1433

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- 62 Complied with mx task 75-30-01-212-801 GVI of the RH BOV Assy and BOV Valve. No defects noted. Ref EEJS WP-F5264/ Seq 1434

63 Complied with P-300 EMM 79-30-01-770-801 Operational check of the RH Engine Chip Detector. No discrepancies noted. Complied with Leak check During Engine Run-up IAW P-300 EMM 71-00-00. No Discrepancies noted (RH Chip detector) Ref EEJS WP-F5264/ Seq 1442

64 Complied with P-300 EMM Task 72-00-00-280-819 Special Detailed Inspection of the RH Engine Emergency Fuel shutoff Lever Assy. No defects noted. Ref EEJS WP-F5264/ Seq 1416

65 Complied with P300 EMM Task 73-10-05-212-801 Inspect the RH Engine Fuel Filter. No Discrepancies noted. Complied with leak check of RH Engine Fuel Filter IAW P-300 EMM 71-00-00 during Engine Run-Up. No Leakage noted. Ref EEJS WP-F5264/ Seq 1402

66 Complied with P-300 EMM Task 73-30-02-212-801 GVI of the RH Fuel Pressure Transducer Sensor. No discrepancies noted. Complied with Leak check of RH Engine fuel pressure transducer sensor during engine run up IAW P-300 EMM 71-00-00. No leaks noted. Ref EEJS WP-F5264/ Seq 1428

67 Complied with P-300 EMM Task 77-20-02-750-801 Operational check of RH Engine T6 Temperature Indicating system. No defects noted. Ref EEJS WP-F5264/ Seq 1403

68 Complied with P300 EMM Task 77-20-02-750-801 Operational check of the LH Engine T6 Temperature Indicating System. No defects noted. Ref EEJS WP-F5264/ Seq 1404

69 Complied with P-300 task Task 72-00-00-212-809 Special Detailed inspection of the RH Engine Fan Exit Vane Retaining Clamp. No defects noted. Ref EEJS WP-F5264/ Seq 1410

70 Complied with Phenom 300 task Task 72-00-00-212-801 GVI of the RH Engine Inlet Area. No discrepancies noted Ref EEJS WP-F5264/ Seq 1406

71 Complied with PWC 12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the LH engine.PCE-DG0339. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1002

72 Complied with PWC 12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the RH engine.PCE-DG0338. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1001

73 Complied with PWC 1800 FH/36 MO Inspection for L/H engine S/N PCE-DG0339. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1003

74 Complied with PWC 1800 FH/36 MO Inspection for R/H engine S/N PCE-DG0338. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1004



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- 75 Complied with PWC 600 FH/12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the LH engine. S/N PCE-DG0339. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1006
- 76 Complied with PWC 600 FH/12 MO Inspection IAW EMM 3072702, Rev 8, Chapter 05-20-00 for the RH engine. S/N PCE-DG0338. Work done IAW PWC Chapter 05. Ref EEJS WP-F5264/ Seq 1005
- 77 Complied with task 32-21-00-001 Visual Check of Nose Landing Gear. No defects noted. Ref EEJS WP-F5264/ Seq 1705
- 78 Complied with task 53-00-00-001 External General Visual Inspection of fuselage Polyurethane films. No defects noted. Ref EEJS WP-F5264/ Seq 1101
- 79 Complied with task 55-00-00-001 External General Visual Inspection of Stabilizer Polyurethane Films. Form 9 generated. Ref EEJS WP-F5264/ Seq 1301
- 80 Complied with task 57-00-00-001 External General Visual Inspection of Wing Polyurethane Films. Form 9 generated. Ref EEJS WP-F5264/ Seq 1501
- 81 Complied with task 72-00-02-810-801 Interrogate Time Limited Dispatch (TLD) faults. No defect noted. Ref EEJS WP-F5264/ Seq 1201
- 82 Complied with Task 24-36-01-005- Functional check of #2 main battery IAW Teledyne CMM Q01-4000. no defects noted.
OFF #2 Main Battery PN 7638-48P SN G02871313
ON #2 Main Battery PN 7638-48P SN G02871313 Ref EEJS WP-F5264/ Seq 1308
- 83 Complied with Task 24-36-01-005 Functional check of main battery #1 IAW Teledyne CMM Q01-4000
OFF #1 Main Battery PN 7639-34 SN G02925527
ON #1 Main Battery PN 7639-34 SN G02925527 Ref EEJS WP-F5264/ Seq 1104
- 84 Complied with Task 25-61-00-001 Operational Check of ELT System IAW P300 AMM 25-61-00 and complies with FAR 91.207, No defect noted. ELT P/N: S1821502-02, S/N: LX1100050560 Battery Expires 08/2019 Ref EEJS WP-F5264/ Seq 1307
- 85 Complied with task 29-15-03-001 Servicing of Hydraulic Accumulator. Ref EEJS WP-F5264/ Seq 1102
- 86 Complied with Task 31-31-00-002 Operational Check of Cockpit Voice and Data Recorder System IAW P300 AMM 31-31-00, No defect noted. Ref EEJS WP-F5264/ Seq 1202
- 87 Complied with task 35-00-00-001 Steps 1A. Through 1F (10) of oxygen system pressure lines leakage check. All work done IAW P-300 AMM 35-00-00.
Accomplished Steps 1F (11) through 1I (15) of oxygen system pressure lines leakage check. All work done IAW P-300 AMM 35-00-00. No leaks or defects noted. Ref EEJS WP-F5264/ Seq 1103
- 88 Complied with task 72-00-00-212-801 General Visual Inspection of the LH Engine Inlet Area IAW PWC 535E EMM task 72-00-00-212-801. No defects noted. Ref EEJS WP-F5264/ Seq 1405

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: 50500167

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Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

- Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 862.2 Acft TAC: 431 12/6/2016 Page 7 of 9
- 89 Complied with task 72-00-00-212-802 General Visual Inspection of the RH Intermediate Case & AGB IAW PWC EMM 72-00-00-212-802. No defects noted. Ref EEJS WP-F5264/ Seq 1418
- 90 Complied with task 72-00-00-212-805 GVI of the R/H Eng Fuel Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1422
- 91 Complied with task 72-00-00-212-806 GVI of the RH Eng Oil Distribution System. No defects noted. Ref EEJS WP-F5264/ Seq 1438
- 92 Complied with task 72-00-00-212-807 General Visual Inspection of the LH Eng LP Compressor Inlet Components IAW PWC EMM task 72-00-00-212-807. No defects noted. Ref EEJS WP-F5264/ Seq 1407
- 93 Complied with task 72-00-00-212-809 Special Detailed Inspection of the LH Eng. Fan Exit Vane (retaining) Clamp IAW PWC EMM task 72-00-00-212-809. Ref EEJS WP-F5264/ Seq 1409
- 94 Complied with task 72-00-00-280-819 Special Detailed Inspection of the LH Engine Emergency Fuel Shutoff Valve Lever Assembly IAW PWC EMM task 72-00-00-280-819. No defects noted. Ref EEJS WP-F5264/ Seq 1415
- 95 Complied with task 79-30-01-770-801 Complied with Operational Check of the LH Chip Detector IAW PWC EMM task 79-30-01-770-801. No defects noted.
- Complied with Leak Check of LH Engine one detector during engine Run-up IAW P300 EMM 71-00-00. No leakage noted. Ref EEJS WP-F5264/ Seq 1441
- Complied with the following Service Bulletins**
- 96 Complied with SB 505-25-0020 Dated DEC 8th 2015. Equipment furnishings seats installation fitting inspection. No defects noted. Accomplished Part 1- Floor fitting inspection only. Ref EEJS WP-F5264/ Seq 4205
- 97 Complied with SB 505-29-0007 REV 1 Hydraulic Power- Hydraulic line (aluminum tubes) Inspection and Replacement. Ref EEJS WP-F5264/ Seq 4301
- 98 Complied with SB 505-31-0017 Rev 2 Installation of G3000 Software load 13.25 and CMC Load 4.04 along with default pilot profiles. No defects noted. Ref EEJS WP-F5264/ Seq 4203
- 99 Complied with SB 505-71-0008 Rev 1 Dated: JULY 18 2016 Powerplant- Replacement of the engine air inlet. Performed an operational check of the ice protection of both engines. OPS Check and leak check good.
- OFF LH Engine Air Inlet PN 505-36920-409 SN 041
- ON LH Engine Air Inlet PN 505-43420-403 SN CPI388
- OFF RH Engine Air Inlet PN 505-36930-409 SN 043
- ON RH Engine Air Inlet PN 505-43430-403 SN CPI353 Ref EEJS WP-F5264/ Seq 4402
- 100 SB 505-36-0007 Pneumatic- AMS Controller software update has been previously complied with. Installed AMS Controller P/N: SYLZ-53632-205-1 S/N: 0241. No further work required. Ref EEJS WP-F5264/ Seq 4201

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**Embraer Executive Jet Services, LLC CRS# 1MB3176B****Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315**

Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 862.2 Acft TAC: 431 12/6/2016 Page 8 of 9

101 SB 505-52-0005 has been previously C/W. No action needed at this time. Ref EEJS WP-F5264/ Seq 4801

Complied with the following Maintenance

- 102 Complied with Windshield Rain Repellant Coating on Pilot and Co-Pilot Windshields IAW P300 AMM Task 30-41-01-000-801-A. Ref EEJS WP-F5264/ Seq 2104
- 103 Pain touch-up was done by AGI under p/s F20619 and F20654 and inspected by EEJS. work done IAW P-300 SRM 51-22-05. Ref EEJS WP-F5264/ Seq 2101
- 104 Performed Garmin Service Advisory No: 1612 rev B. No defects noted. Ref EEJS WP-F5264/ Seq 2201
- 105 Performed inspection and secured Right hand console lower vent to its original position IAW Phenom 300 AMM 20-00-00. Ref EEJS WP-F5264/ Seq 2102
- 106 Performed LAV servicing IAW P300 AMM 12-15-03. No discrepancies noted. Ref EEJS WP-F5264/ Seq 2301
- 107 Performed removal of nose radome, Applied new poly tape then reinstalled nose radome. All work as per P300 AMM Tasks 53-14-00/400 and 53-11-22/400. No defects found. Ref EEJS WP-F5264/ Seq 2207
- 108 Performed repair of LH Wing Tip polyurethane film IAW P300 AMM 57-35-21. Ref EEJS WP-F5264/ Seq 2501
- 109 Performed replacement of RH main Wheel and Tire Assy with overhauled assy IAW Phenom 300 AMM 32-45-01-000-801-A and 32-45-01-400-801-A.
OFF R/H Wheel Assy PN 505-19517-611 SN 5098MR
ON R/H Wheel Assy PN 505-19517-611 SN 5060MS
OFF RH Tire PN 258K63-2 SN 51912400
ON RH Tire PN 258K63-2 SN 63012749 Ref EEJS WP-F5264/ Seq 2103
- 110 Performed replacement of #2 IASP with modified unit IAW P300 AMM 34-15-07. Complied with OPS Checks IAW P300 AMM 34-15-00. No defects noted. Probe needs sealant. Applied aerodynamic sealant to edges of the #2 IASP as per P300 SRM 51-21-03.
OFF#2 IASP PN 2015L-4B SN 0583
ON #2 IASP PN 2015L-4B SN 0550 Ref EEJS WP-F5264/ Seq 5201
- 111 Performed replacement of damaged broken cable at LH lower cowl forward retainer IAW P-300 SRM 51-41-01 and 51-41-02. Ref EEJS WP-F5264/ Seq 2401
- 112 Performed replacement of static wick on RH Wing Aileron Inboard IAW P300 AMM 23-61-01.
OFF RH Wing Static Discharger PN Unknown SN Unknown
ON RH Wing Static Discharger PN 2-315CY SN Batch #8007183497 Ref EEJS WP-F5264/ Seq 2601

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Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 862.2 Acft TAC: 431 12/6/2016 Page 9 of 9

- 113 Performed replacement of the live lock retaining rings IAW P-300 AMM 71-11-00-400-801-A and 71-12-00-400-801A Ref EEJS WP-F5264/ Seq 2402
- 114 Performed servicing of hydraulic fluids IAW P300 AMM 12-13-00 Engine oils IAW P300 AMM 12-12-00, Tires IAW P300 AMM 12-14-00, Oxygen IAW P300 AMM 12-16-00 and accumulators IAW P300 AMM 12-13-00 Ref EEJS WP-F5264/ Seq 1911
- 115 Performed troubleshooting found #4 oxygen masks to be improperly packed. Re-packed #4 oxygen masks IAW P300 AMM 35-21-01. Performed operational check IAW P300 AMM 35-21-00. No defects noted. Ref EEJS WP-F5264/ Seq 2206
- 116 Performed troubleshooting found #4 oxygen masks to be improperly packed. Re-Packed #4 oxygen masks IAW P300 AMM 35-21-01. Performed operational check IAW P300 AMM 35-21-00. No defects noted. Ref EEJS WP-F5264/ Seq 2205
- 117 Performed replacement of the poly film on RH horizontal stab LE tip IAW Phenom 300 AMM 55-14-22. Ref EEJS WP-F5264/ Seq 2302

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F5264 Dated: 12/6/2016

Signed For Embraer Executive Jet Services, LLC By:

Employee Number:

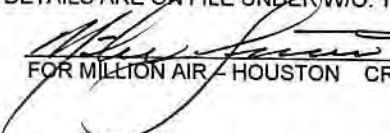
12295

FAA CRS# 1MB3176B

N713WD PHENOM 300 S/N: 50500167 TT: 793.5 LDGS: N/A W/O: 13802 09/15/2016

1. Complied with Service Bulletin **S.B. 505-28-0003** Fuel motive flow line and feed line fuel tubes inspection and replacement. Removed six fuel motive flow lines as required. Installed six new fuel lines by installing top kits # BS505520005 and BS5052800030001 that include fuel lines P/N: 505-21711-403, 505-21712-403, 505-21717-403, 505-21718-403, 505-21719-403, and 505-21720-403. Fuel lines were received by Embraer with authorization 2003C09-21 on work orders 0023421486 and 0023287837. Operational and leak check satisfactory. Work was performed in accordance with Embraer Service Bulletin # 505-28-0003.
2. Complied With Service Bulletin **S.B. 505-52-0005** main door balancing- mechanism modification. Removed all parts as required by main passenger door double cable service bulletin. Installed new Top Kit P/N: 505-09782-601 and completed main cabin door operational check. Operational check satisfactory in accordance with Phenom S.B. 505-52-0005 dated June 30, 2016.

THE MAINTENANCE WAS PERFORMED I/AW THE INSTRUCTIONS AND PROCEDURES FOR ITEMS SELECTED BY THE OWNER / OPERATOR UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PILATUS PHENOM 300 AMM REV. 42 DATED AUG. 22, 2016 MAINT. MAN. AND, AS APPLICABLE, THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND / OR COMPONENT IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEM # 1AND #2. DETAILS ARE ON FILE UNDER W/O: 13802.


FOR MILLION AIR - HOUSTON CRS# LJCR092G

MILLION AIR®

N713WD PHENOM 300 S/N: 50500167 TT: 814.0 LDGS: 412 W/O: 13878 10/12/2016

1. Passenger door drops down too fast. Gained access to and adjusted the balance drum. Closed access panel and completed door operational and found it to be satisfactory in reference to Phenom AMM 32-10-00.
2. Fuel CAS message in flight. Performed engine run and had no CAS messages, performed CMC download and sent to Phenom Contact Center. Removed right engine fuel filter and installed new fuel filter P/N: 3052624-01 from Textron Aviation Inc. authorization # PC4 on work order 2438605. Performed engine run, leak check is good, and CAS message did not appear. Work was accomplished in reference to EMB Phenom 300 AMM chap. 73-11-01/400.
3. Installed passenger door aft shroud P/N: 506-45261-4001 as needed.
4. Left main gear tire has cut in it that is beyond limits. Removed left MLG tire and wheel assembly, tire P/N: 258K63-2, S/N: 52652623 and wheel assembly P/N: DAP00098-02, S/N: 10823. Installed new tire and wheel assembly, wheel assembly P/N: DAP00098-02, S/N: 5187PD and Tire P/N: 258K63-2, S/N: 6053267 from Falcon Crest Accessories CRS# GP2R854K on work order 76980. All work completed in reference to EMB Phenom 300 AMM 32-45-02/400.

THE MAINTENANCE WAS PERFORMED IN REFERENCE TO THE INSTRUCTIONS AND PROCEDURES FOR ITEMS SELECTED BY THE OWNER / OPERATOR UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PILATUS PHENOM 300 AMM REV. 42 DATED AUG. 22, 2016 MAINT. MAN. AND, AS APPLICABLE, THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND / OR COMPONENT IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS # 1THRU # 4. DETAILS ARE ON FILE UNDER W/O: 13878.


FOR MILLION AIR - HOUSTON CRS# LJCR092G

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 **EMBRAER**

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NUMBER

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 665.7 Acft TAC: 333 2/16/2016 Page 1 of 1

Complied with the following Service Bulletins

- 1 Complied with SB 505-32-0018 Landing gear - Inspection of the MLG trailing arm. No defects noted. No further action required at this time. Ref EEJS WP-F4305/ Seq 4701
- 2 Complied with SB 505-52-0003 Rev 1 Doors- Main door and linings replacement. Ref EEJS WP-F4305/ Seq 4801

Complied with the following Maintenance

- 3 Performed removal of damaged piece of polyurethane film at R/H wing and applied a new piece of polyurethane film IAW P-300 AMM 57-35-21. Ref EEJS WP-F4305/ Seq 2601

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F4305 Dated: 2/16/2016

Signed For Embraer Executive Jet Services, LLC By:

Employee Number: 12295

FAA CRS# 1MB3176B

N713WD PHENOM 300 S/N: 50500167 TT: 743.5 LDGS: 375 W/O: 13722 07/13/2016

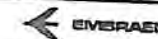
1. Complied with **6 month** Functional Check of the FWD and AFT Main Batteries. (Post Mod SB Service Bulletin 505-24-0015). Removed both main batteries and sent to outside vendor for cap check and charge. The FWD battery P/N: 7639-34, S/N: G02908285 failed cap check. Installed Embraer supplied new replacement FWD battery P/N: 7639-34, S/N G02925527, Installed AFT main battery P/N: 7638-48P, S/N: 602871313 after capacity check and charge by United Batteries and accessories CRS# U9BR618Y under WO# 29699. Work performed in reference to EMB Phenom 300 AMM chap. 24-36-00. Operational check satisfactory.
2. Complied with **100 hour** recurring service bulletin # 505-71-0006 power plant inspection of the engine inlets #1 and #2 engines. No defects noted.
3. Complied with **Service Bulletin # 505-32-0018** landing gear inspection of the MLG trailing arm. No discrepancies noted. The serial numbers for the trailing arms installed L/H -405 is 0177 and the R/H -406, S/N is 00182 and are outside of the effected serial number range. **Next due: 600 flight cycles TFC: 975 or 12 months 07/2017.**
4. Checked for compliance requirements of **AD 2016-11-20** effective date: July, 15, 2016, IAW B/E Aerospace Service Bulletin # 119003-35-011 Risk of fire and/or functional impairment on unserviceable B/E Aerospace protective breathing equipment (PBE) and found this S/B 119003-35-011 **Not Applicable** due to effected equipment is not installed in this aircraft. This is a terminating action for AD 2016-11-20. No further action is required.

THIS INSPECTION WAS PERFORMED I/A/W THE INSTRUCTIONS AND PROCEDURES FOR INSPECTION ITEMS SELECTED BY THE OWNER / OPERATOR UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PILATUS PHENOM 300 AMM Rev. 25 Dated JUN 15/16 MAINT. MAN. AND, AS APPLICABLE, THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND / OR COMPONENT IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEM # 1THRU #4. DETAILS ARE ON FILE UNDER W/O: 13722.

FOR MILLION AIR - HOUSTON CRS# LJCR092G

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Embraer Executive Jet Services, LLC CRS# 1MB3176B

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160 Performed visual inspection of hydraulic fluids level and found to be within acceptable limits; no servicing required at this time. Work performed IAW P-300 AMM 12-13-00.
Performed visual inspection of engines oil level and found to be within acceptable limits (both left and right engine); no servicing required at this time. Work performed IAW P300 AMM 12-12-00.
Performed servicing of tires IAW P300 AMM 12-14-00.
Performed servicing of O2 IAW P300 AMM 12-16-00.
Performed visual inspection of accumulator charge and found assy to be within acceptable limits; no servicing required at this time.
Work performed IAW P300 AMM 13-13-00. Ref EEJS WP-F4141/ Seq 1911

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F4141 Dated: 12/18/2015

Signed For Embraer Executive Jet Services, LLC By:

Employee Number:

16035

FAA CRS# 1MB3176B

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

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- 17 Performed Phenom 300 AMM Task 21-52-01-003 Functional Check of Compressor Belt Tension.
Note: Reference work package: F4141 sequence: 2302 and 2303 for discrepancies found during this inspection. Ref EEJS WP-F4141/ Seq 1307
- 18 Performed Phenom 300 AMM Task 21-52-03-001 General Visual Inspection of Evaporator Modules.
Note: Reference work package: F4141 sequence: 2204 for discrepancy found during this inspection. Ref EEJS WP-F4141/ Seq 1225
- 19 Performed Phenom 300 AMM Task 21-52-06-001 Servicing of VCS Refrigerant Fluid. Ref EEJS WP-F4141/ Seq 1309
- 20 Performed Phenom 300 AMM Task 21-61-00-001 Operational Check of Manual Temperature Control System. Ref EEJS WP-F4141/ Seq 1226
- 21 Performed Phenom 300 AMM task 22-11-00-001 (Functional Check of Autopilot Servos). Ref EEJS WP-F4141/ Seq 1103
- 22 Performed Phenom 300 AMM task 22-11-00-002 Lubrication of Servo Actuators. Ref EEJS WP-F4141/ Seq 1107
- 23 Performed Phenom 300 AMM task 22-11-04-001 FUNCTIONAL CHECK OF AUTOPILOT AILERON SERVO CABLE (ONE-TIME 600 HOUR INITIAL CHECK). Ref EEJS WP-F4141/ Seq 1109
- 24 Performed Phenom 300 AMM Task 22-11-07-001 (FUNCTIONAL CHECK OF AUTOPILOT ELEVATOR SERVO CABLE. Ref EEJS WP-F4141/ Seq 1313
- 25 Performed Phenom 300 AMM Task 22-11-10-001 (FUNCTIONAL CHECK OF AUTOPILOT RUDDER SERVO CABLE)(ONE-TIME 600 HOUR INITIAL CHECK). Ref EEJS WP-F4141/ Seq 1314
- 26 Performed Phenom 300 AMM Task 22-11-13-001 Functional Check of Autopilot Ventral Rudder Servo Cable. Ref EEJS WP-F4141/ Seq 1315
- 27 Performed Phenom 300 AMM Task 24-31-01-002 Detailed Inspection of L/H Starter Generator Brushes. Ref EEJS WP-F4141/ Seq 1401
- 28 Performed Phenom 300 AMM Task 24-31-01-002 Detailed Inspection of R/H Starter Generator Brushes. Ref EEJS WP-F4141/ Seq 1402
- 29 Performed Phenom 300 AMM task 24-36-01-005 - Functional Check of Main Battery #1.
Note: Reference work package: F4141 sequence: 2203 for discrepancy found during this inspection. Ref EEJS WP-F4141/ Seq 1101
- 30 Performed Phenom 300 AMM Task 24-36-01-005 - Functional Check of Main Battery #2.
Note: Threshold for battery PN: 7638-48P SN: G02871313 will be met on 5/30/2015. Ref EEJS WP-F4141/ Seq 1302
- 31 Performed Phenom 300 AMM Task 25-61-00-001 Operational Check of ELT System. Ref EEJS WP-F4141/ Seq 1303

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: 50500167



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- | DATE | |
|------|--|
| | 32 Performed Phenom 300 AMM Task 25-61-00-002 General Visual Inspection of Emergency Locator Transmitter for condition: proper installation and battery corrosion/leakage. Ref EEJS WP-F4141/ Seq 1304 |
| | 33 Performed Phenom 300 AMM task 25-62-01-001 Visual Check of First Aid Kit Expires on 06/2017. Ref EEJS WP-F4141/ Seq 1201 |
| | 34 Performed Phenom 300 AMM Task 25-62-04-001 Detailed Dimensional Inspection of Water Barrier. Ref EEJS WP-F4141/ Seq 1211 |
| | 35 Performed Phenom 300 AMM task 26-24-01-001 Weight Check of Portable Fire Extinguishers. Ref EEJS WP-F4141/ Seq 1202 |
| | 36 Performed Phenom 300 AMM Task 27-01-03-001 Lubrication of Rotary Ball Spline. Ref EEJS WP-F4141/ Seq 1212 |
| | 37 Performed Phenom 300 AMM Task 27-11-02-001 Functional Check of Aileron Control Cable Tension. Ref EEJS WP-F4141/ Seq 1504 |
| | 38 Performed Phenom 300 AMM Task 27-21-02-001 Functional Check of Rudder Control Cables Tension. Ref EEJS WP-F4141/ Seq 1311 |
| | 39 Performed Phenom 300 AMM Task 27-23-00-001 Operational Check of Spring Loaded Rudder Boost System. Ref EEJS WP-F4141/ Seq 1227 |
| | 40 Performed Phenom 300 AMM Task 27-31-02-001 Functional Check of Elevator Control Cables Tension. Ref EEJS WP-F4141/ Seq 1312 |
| | 41 Performed Phenom 300 AMM Task 27-36-03-001 Operational Check of Pusher Cutout Switch. Ref EEJS WP-F4141/ Seq 1219 |
| | 42 Performed Phenom 300 AMM Task 28-11-00-001 Functional Check of Fuel Tanks for Microorganisms. Ref EEJS WP-F4141/ Seq 1502 |
| | 43 Performed Phenom 300 AMM Task 28-12-01-001 Special Detailed Inspection of Fuel Vent NACA. Ref EEJS WP-F4141/ Seq 1503 |
| | 44 Performed Phenom 300 AMM Task 28-21-07-001 Operational Check of the Engine Fuel SOV System. Ref EEJS WP-F4141/ Seq 1403 |
| | 45 Performed Phenom 300 AMM Task 29-12-02-001 Visual Check of Manifold/Reservoir. Ref EEJS WP-F4141/ Seq 1308 |
| | 46 Performed Phenom 300 AMM task 29-15-03-001 Servicing of Hydraulic Accumulator. Ref EEJS WP-F4141/ Seq 1106 |
| | 47 Performed Phenom 300 AMM Task 30-31-00-002 Operational Check IASP Probe and Pitot Static Heating. Ref EEJS WP-F4141/ Seq 1213 |
| | 48 Performed Phenom 300 AMM Task 30-41-01-001 Functional Check of Windshield Rain Repellent Coating. Ref EEJS WP-F4141/ Seq 1209 |
| | 49 Performed Phenom 300 AMM Task 30-42-00-001 Operational Check of Windshield Heating System. Ref EEJS WP-F4141/ Seq 1228 |

TRANSPORT

TOTAL

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Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

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- 50 Performed Phenom 300 AMM Task 31-31-00-002 Operational Check of Cockpit Voice and Data Recorder .System Ref EEJS WP-F4141/ Seq 1208
- 51 Performed Phenom 300 AMM Task 32-00-00-001 External General Visual Inspection of Landing Gear Polyurethane Films. Ref EEJS WP-F4141/ Seq 1704
- 52 Performed Phenom 300 AMM Task 32-11-00-001 Visual Check of Main Landing Gear.
Note: Reference work package: F4141 sequence: 2102 for discrepancy found during this inspection. Ref EEJS WP-F4141/ Seq 1705
- 53 Performed Phenom 300 AMM Task 32-11-00-003 Lubrication of Main Landing Gear. Ref EEJS WP-F4141/ Seq 1706
- 54 Performed Phenom 300 AMM Task 32-11-03-004 Servicing of Main Landing Gear Shock Absorber. Ref EEJS WP-F4141/ Seq 1707
- 55 Performed Phenom 300 AMM Task 32-21-00-001 Visual Check of Nose Landing Gear.
Note: Reference work package: F4141 sequence: 2101 for discrepancy found during this inspection. Ref EEJS WP-F4141/ Seq 1708
- 56 Performed Phenom 300 AMM Task 32-21-00-003 Lubrication of Nose Landing Gear. Ref EEJS WP-F4141/ Seq 1709
- 57 Performed Phenom 300 AMM Task 32-21-05-004 Servicing of Nose Landing Gear Shock Absorber. Ref EEJS WP-F4141/ Seq 1710
- 58 Performed Phenom 300 AMM Task 32-21-06-005 Visual Check of Nose Landing Gear Shimmy Damper. Ref EEJS WP-F4141/ Seq 1711
- 59 Performed Phenom 300 AMM Task 32-35-00-001 Functional Check of Landing Gear Emergency Extension System. Ref EEJS WP-F4141/ Seq 1702
- 60 Performed Phenom 300 AMM Task 32-35-00-002 General Visual Inspection of Emergency Extension System Linkages. Ref EEJS WP-F4141/ Seq 1703
- 61 Performed Phenom 300 AMM Task 32-41-02-002 Functional Check of Brake Pedal Transducer. Ref EEJS WP-F4141/ Seq 1210
- 62 Performed Phenom 300 AMM Task 32-43-01-001 General Visual Inspection of Parking Brake/Handle Cable Mechanical Linkage. Ref EEJS WP-F4141/ Seq 1220
- 63 Performed Phenom 300 AMM Task 32-43-05-001 Detailed Inspection of Emergency/Parking Brake Valve Adjustment Mechanism. Ref EEJS WP-F4141/ Seq 1221
- 64 Performed Phenom 300 AMM Task 32-43-11-001 (OPERATIONAL CHECK OF EMERGENCY / PARKING BRAKE HYDRAULIC SHUTOFF VALVE). Ref EEJS WP-F4141/ Seq 1701
- 65 Performed Phenom 300 AMM task 33-52-01-001 Functional Check of Emergency Lights Battery(BE-aerospace).
Note: Next functional check due on 12/01/16. Ref EEJS WP-F4141/ Seq 1203

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

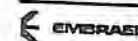
AIRCRAFT SERIAL NUMBER: 505001167



EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315



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- 66 Performed Phenom 300 AMM Task 33-52-17-001 - Operational Check of Inertial Switch. Ref EEJS WP-F4141/ Seq 1222
- 67 Performed Phenom 300 AMM Task 34-11-00-001 Functional Check of Integrated Electronic Standby Instrument. This aircraft's air data system has been tested to an altitude of 50,000 Feet IAW FAR 91.411 and complied with FAR 43 appendix E. (#1 IASP PN: 2015L-4B SN: 0229, #2 IASP PN: 2015L-4B SN: 0583, IESI PN: C16786DA01 SN: C16786005129) (Laversab 6600 SN: 78250 Cal Due: 18-MAY-16). Ref EEJS WP-F4141/ Seq 1204
- 68 Performed Phenom 300 AMM task 34-11-02-001 Cleaning of Pitot-Static Probe. Note: Functional check will be performed on SEQ. 1204. Ref EEJS WP-F4141/ Seq 1102
- 69 Performed Phenom 300 AMM Task 34-15-00-001 Functional Check of Air Data System. This aircraft's air data system has been tested to an altitude of 50,000 feet IAW FAR 91.411 and complied with FAR 43 appendix E. (#1 IASP PN: 2015L-4B SN: 0583, IESI PN: C16786DA01 SN: (16786005129) (Laversab 6600 SN: 78250. Cal Due: 18-MAY-16). Ref EEJS WP-F4141/ Seq 1214
- 70 Performed Phenom 300 AMM Task 34-15-00-002 Special Detailed Inspection of RVSM Critical Region (Skin) for Waviness. Ref EEJS WP-F4141/ Seq 1215
- 71 Performed Phenom 300 AMM Task 34-15-00-003 Detailed Inspection of IASP. Ref EEJS WP-F4141/ Seq 1216
- 72 Performed Phenom 300 AMM Task 34-52-00-001 Functional Check of Transponder System. This aircraft's transponder system has been tested IAW FAR 91.413 and complies with FAR 43 appendix F. (#1 XPDR PN: 7510700-951 SN: RCED 1633)(IFR 6000 SN: 104005021 Cal Due: 06-DEC-15, laversab 6600 SN: 78250 Cal Due: 18-MAY-16) Ref EEJS WP-F4141/ Seq 1205
- 73 Performed Phenom 300 AMM Task 35-11-00-001 Operational Check of Crew Oxygen Mask and Stowage Box. Ref EEJS WP-F4141/ Seq 1207
- 74 Performed Phenom 300 AMM Task 35-11-02-003 Detailed Visual Inspection of Crew Oxygen Masks. Ref EEJS WP-F4141/ Seq 1206
- 75 Performed Phenom 300 AMM Task 36-11-01-002 Operational Check of Bleed Manual Shut-Off Function. Ref EEJS WP-F4141/ Seq 1229
- 76 Performed Phenom 300 AMM task 36-11-02-001 Detailed Inspection of Bleed Line Water Drains. Ref EEJS WP-F4141/ Seq 1108
- 77 Performed Phenom 300 AMM Task 36-11-06-001 Operational Check of Cross-Bleed Manual Shut-Off Function. Ref EEJS WP-F4141/ Seq 1230
- 78 Performed Phenom 300 AMM Task 52-10-20-001 General Visual Inspection of Main Door Rubber Seal. Ref EEJS WP-F4141/ Seq 1802

TRANSPORT

TOTAL

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- 79 Performed Phenom 300 AMM Task 52-11-00-003 Functional Check of Main Door Internal handle strength. Ref EEJS WP-F4141/ Seq 1801
- 80 Performed Phenom 300 AMM Task 52-13-22-001 Discard and installation of new Main Door Balancing Mechanism Cable. Ref EEJS WP-F4141/ Seq 1804
- 81 Performed Phenom 300 AMM Task 52-20-21-001 External General Visual Inspection of Emergency Door Rubber Seal. Ref EEJS WP-F4141/ Seq 1803
- 82 Performed Phenom 300 AMM task 53-00-00-001 External General Visual Inspection of Fuselage Polyurethane Films. Ref EEJS WP-F4141/ Seq 1104
- 83 Performed Phenom 300 AMM task 53-05-00-001 Detailed Visual Inspection of Fuselage Drains. Ref EEJS WP-F4141/ Seq 1105
- 84 Performed Phenom 300 AMM Task 54-00-00-001 External General Visual Inspection of Engine Pylon polyurethane Films. Ref EEJS WP-F4141/ Seq 1404
- 85 Performed Phenom 300 AMM Task 55-00-00-001 External General Visual Inspection of Stabilizer Polyurethane Films. Ref EEJS WP-F4141/ Seq 1305
- 86 Performed Phenom 300 AMM Task 57-00-00-001 External General Visual Inspection of Wing Polyurethane Films. Ref EEJS WP-F4141/ Seq 1501
- 87 Performed Phenom 300 EMM Task 71-00-00-760-823 Do TLD Clearing Procedure for L/H Engine. Ref EEJS WP-F4141/ Seq 1447
- 88 Performed Phenom 300 EMM Task 71-00-00-760-823 Do TLD Clearing Procedure for R/H Engine. Ref EEJS WP-F4141/ Seq 1448
- 89 Performed Phenom 300 EMM Task 72-00-00-212-801 General Visual Inspection of the LH Engine Inlet Area. Ref EEJS WP-F4141/ Seq 1407
- 90 Performed Phenom 300 EMM Task 72-00-00-212-801 General Visual Inspection of the RH Engine Inlet Area. Ref EEJS WP-F4141/ Seq 1408
- 91 Performed Phenom 300 EMM Task 72-00-00-212-802 General Visual Inspection of the LH Intermediate Case & AGB. Ref EEJS WP-F4141/ Seq 1419
- 92 Performed Phenom 300 EMM Task 72-00-00-212-802 General Visual Inspection of the RH Intermediate Case & AGB. Ref EEJS WP-F4141/ Seq 1420
- 93 Performed Phenom 300 EMM Task 72-00-00-212-803 General Visual Inspection of the LH Bypass Duct. Ref EEJS WP-F4141/ Seq 1421
- 94 Performed Phenom 300 EMM Task 72-00-00-212-803 General Visual Inspection of the RH Bypass Duct. Ref EEJS WP-F4141/ Seq 1422

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AIRCRAFT LOG BOOK

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- Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 625.9 Acft TAC: 328 12/18/2015 Page 7 of 12
- 95 Performed Phenom 300 EMM Task 72-00-00-212-804 General Visual Inspection of the LH Turbine Exhaust Case. Ref EEJS WP-F4141/ Seq 1415
 - 96 Performed Phenom 300 EMM Task 72-00-00-212-804 General Visual Inspection of the RH Turbine Exhaust Case. Ref EEJS WP-F4141/ Seq 1416
 - 97 Performed Phenom 300 EMM Task 72-00-00-212-805 General Visual Inspection of the LH Fuel Distribution System. Ref EEJS WP-F4141/ Seq 1423
 - 98 Performed Phenom 300 EMM Task 72-00-00-212-805 General Visual Inspection of the RH Fuel Distribution System. Ref EEJS WP-F4141/ Seq 1424
 - 99 Performed Phenom 300 EMM Task 72-00-00-212-806 General Visual Inspection of the LH Oil Distribution System.
Note: Reference work package: F4141 sequence: 2401 for discrepancy found during this inspection. Ref EEJS WP-F4141/ Seq 1439
 - 100 Performed Phenom 300 EMM Task 72-00-00-212-806 General Visual Inspection of the RH Oil Distribution System. Ref EEJS WP-F4141/ Seq 1440
 - 101 Performed Phenom 300 EMM Task 72-00-00-212-807 General Visual Inspection of the LH LP Compressor Inlet Components. Ref EEJS WP-F4141/ Seq 1409
 - 102 Performed Phenom 300 EMM Task 72-00-00-212-807 General Visual Inspection of the RH LP Compressor Inlet Components. Ref EEJS WP-F4141/ Seq 1410
 - 103 Performed Phenom 300 EMM Task 72-00-00-212-808 General Visual Inspection of the LH Engine T6 Temperature Indicating System. Ref EEJS WP-F4141/ Seq 1437
 - 104 Performed Phenom 300 EMM Task 72-00-00-212-808 General Visual Inspection of the RH Engine T6 Temperature Indicating System. Ref EEJS WP-F4141/ Seq 1438
 - 105 Performed Phenom 300 EMM Task 72-00-00-212-809 Special Detailed Inspection of the LH Fan Exit Vane (retaining) Clamp. Ref EEJS WP-F4141/ Seq 1411
 - 106 Performed Phenom 300 EMM Task 72-00-00-212-809 Special Detailed Inspection of the RH Fan Exit Vane (retaining) Clamp. Ref EEJS WP-F4141/ Seq 1412
 - 107 Performed Phenom 300 EMM Task 72-00-00-280-819 Special Detailed Inspection of the LH Emergency Fuel Shutoff Valve Lever Assembly. Ref EEJS WP-F4141/ Seq 1417
 - 108 Performed Phenom 300 EMM Task 72-00-00-280-819 Special Detailed Inspection of the RH Emergency Fuel Shutoff Valve Lever Assembly. Ref EEJS WP-F4141/ Seq 1418

TRANSPORT

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- 109 Performed Phenom 300 EMM Task 72-00-00-280-820 Special Detailed Inspection of the LH Fan Exit Vanes. Ref EEJS WP-F4141/ Seq 1413
- 110 Performed Phenom 300 EMM Task 72-00-00-280-820 Special Detailed Inspection of the RH Fan Exit Vanes. Ref EEJS WP-F4141/ Seq 1414
- 111 Performed Phenom 300 EMM Task 72-00-00-640-802 General Visual Inspection of the LH Engine Oil Level. Ref EEJS WP-F4141/ Seq 1441
- 112 Performed Phenom 300 EMM Task 72-00-00-640-802 General Visual Inspection of the RH Engine Oil Level. Ref EEJS WP-F4141/ Seq 1442
- 113 Performed Phenom 300 EMM Task 72-00-02-810-801 Interrogate Time Limited Dispatch (TLD) Faults. Ref EEJS WP-F4141/ Seq 1231
- 114 Performed Phenom 300 EMM Task 73-10-05-000-801 & 73-10-05-400-801 Discard the LH Engine Fuel Filter and installed a new LH Engine Fuel Filter. Ref EEJS WP-F4141/ Seq 1451
- 115 Performed Phenom 300 EMM Task 73-10-05-000-801 & 73-10-05-400-801 Discard the RH Engine Fuel Filter and installed a new RH Engine Fuel Filter. Ref EEJS WP-F4141/ Seq 1452
- 116 Performed Phenom 300 EMM Task 73-10-05-212-801 Inspect the L/H Engine Fuel Filter. Ref EEJS WP-F4141/ Seq 1405
- 117 Performed Phenom 300 EMM Task 73-10-05-212-801 Inspect the R/H Engine Fuel Filter. Ref EEJS WP-F4141/ Seq 1406
- 118 Performed Phenom 300 EMM Task 73-10-07-212-801 General Visual Inspection of the LH Engine FSOV Cable. Ref EEJS WP-F4141/ Seq 1425
- 119 Performed Phenom 300 EMM Task 73-10-07-212-801 General Visual Inspection of the RH Engine FSOV Cable. Ref EEJS WP-F4141/ Seq 1426
- 120 Performed Phenom 300 EMM Task 73-20-02-212-801 General Visual Inspection of the LH Engine Wiring Harness. Ref EEJS WP-F4141/ Seq 1427
- 121 Performed Phenom 300 EMM Task 73-20-02-212-801 General Visual Inspection of the RH Engine Wiring Harness. Ref EEJS WP-F4141/ Seq 1428
- 122 Performed Phenom 300 EMM Task 73-30-02-212-801 General Visual Inspection of the LH Fuel Pressure Transducer Sensor. Ref EEJS WP-F4141/ Seq 1429
- 123 Performed Phenom 300 EMM Task 73-30-02-212-801 General Visual Inspection of the RH Fuel Pressure Transducer Sensor. Ref EEJS WP-F4141/ Seq 1430

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- Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 625.9 Acft TAC: 328 12/18/2015 Page 9 of 12
- 124 Performed Phenom 300 EMM Task 74-10-01-212-801 General Visual Inspection of the LH Ignition Exciter. Ref EEJS WP-F4141/ Seq 1431
 - 125 Performed Phenom 300 EMM Task 74-10-01-212-801 General Visual Inspection of the RH Ignition Exciter. Ref EEJS WP-F4141/ Seq 1432
 - 126 Performed Phenom 300 EMM Task 74-20-01-212-801 General Visual Inspection of the LH Engine Ignition Cables. Ref EEJS WP-F4141/ Seq 1433
 - 127 Performed Phenom 300 EMM Task 74-20-01-212-801 General Visual Inspection of the RH Engine Ignition Cables. Ref EEJS WP-F4141/ Seq 1434
 - 128 Performed Phenom 300 EMM Task 74-20-02-000-801 & 74-20-02-400-801 Discard the LH Engine Igniters and installed new LH Engine Igniters. Ref EEJS WP-F4141/ Seq 1450
 - 129 Performed Phenom 300 EMM Task 74-20-02-000-801 & 74-20-02-400-801 Discard the RH Engine Igniters and installed new RH Engine Igniters. Ref EEJS WP-F4141/ Seq 1449
 - 130 Performed Phenom 300 EMM Task 75-30-01-212-801 General Visual Inspection of the LH BOV assy and BOV servo valve. Ref EEJS WP-F4141/ Seq 1435
 - 131 Performed Phenom 300 EMM Task 75-30-01-212-801 General Visual Inspection of the RH BOV assy and BOV servo valve. Ref EEJS WP-F4141/ Seq 1436
 - 132 Performed Phenom 300 EMM Task 79-20-01-000-801 & 79-20-01-400-801 Inspect the LH Engine Oil Filter - Discard the Oil Filter and installed a new LH Engine Fuel Filter. Ref EEJS WP-F4141/ Seq 1453
 - 133 Performed Phenom 300 EMM Task 79-20-01-000-801 & 79-20-01-400-801 Inspect the RH Engine Oil Filter - Discard the Oil Filter and installed a new RH Engine Fuel Filter. Ref EEJS WP-F4141/ Seq 1454
 - 134 Performed Phenom 300 EMM Task 79-30-01-770-801 Do an Operational Check of the LH Chip Detector. Ref EEJS WP-F4141/ Seq 1443
 - 135 Performed Phenom 300 EMM Task 79-30-01-770-801 Operational Check of the RH Chip Detector. Ref EEJS WP-F4141/ Seq 1444
 - 136 Performed Phenom 300 EMM Task 79-30-02-210-801 Detailed Inspection of the LH Engine Oil Filter Impending Bypass Switch. Ref EEJS WP-F4141/ Seq 1445
 - 137 Performed Phenom 300 EMM Task 79-30-02-210-801 Detailed Inspection the RH Engine Oil Filter Impending Bypass Switch. Ref EEJS WP-F4141/ Seq 1446

TRANSPORT

TOTAL

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Complied with the following Service Bulletins

- 138 Complied with SB 505-36-0006 Pneumatic - AMS Controller (-204) Software Update. Installed Placard Name Plate PN: SYLZ-1674 SN: NSN. (AMS Controller PN Off: SYLZ-53632-204 SN Off: 0241 --PN ON: SYLZ-53632-205 SN On: 0241) Ref EEJS WP-F4141/ Seq 4203
- 139 Complied with SB 505-22-0001 Auto Flight - Ventral Rudder - Water Deflector Installation and Servo Actuators Mounting Bolts Replacement Part I Only. Ref EEJS WP-F4141/ Seq 4301
- 140 Complied with SB 505-24-0011 Electrical Power - Installation of Bracket to Remove Chafing Between W207 and Pedal Mechanism. Ref EEJS WP-F4141/ Seq 4201
- 141 Complied with SB 505-29-0006 - Hydraulic Power- Inspection of Engine Driven Pump Assembly. Ref EEJS WP-F4141/ Seq 4401
- 142 Complied with SB 505-31-0015 - Indicating/Recording Systems - Installation of G3000 Load 4.60 Avionics Software, CMC Load 3.03 and Default Pilot Profile Files. Ref EEJS WP-F4141/ Seq 4202
- 143 Complied with SB 505-32-0014 Revision 1 - Landing Gear - MLG Locking Actuator - Camber Angle Alteration and Nut Replacement (POS: LH MLG). (Piston bearing actuator PN Off: 2117-3001-001 SN Off: 1464049/010 --PN ON: 2117-3001-003 SN On: 1559185/008)(Locking sleeve actuator PN Off: 2117-3007-001 SN Off: 1449026/005 --PN ON: 2117-3007-003 SN On: 1569020/019)(Nut actuator MLG PN Off: MS14145216 SN Off: NSN --PN ON: 2117-3029-001 SN On: 00530)(MLG LOCKING ACTUATOR PN Off: 2117-3000-405 SN Off: 2117-3000-601 --PN ON: 00329 SN On: 00329) Ref EEJS WP-F4141/ Seq 4701
- 144 Complied with SB 505-32-0014 Revision 1 - Landing Gear - MLG Locking Actuator - Camber Angle Alteration and Nut Replacement (POS: RH MLG). (Piston bearing actuator PN Off: 2117-3001-001 SN Off: 147295/006 --PN ON: 2117-3001-003 SN On: 1558048/016)(Locking sleeve actuator PN Off: 2117-3007-001 SN Off: 1474693/013 --PN ON: 2117-3007-003 SN On: 1569020/004)(Nut actuator MLG PN Off: MS14145216 SN Off: NSN --PN ON: 2117-3029-001 SN On: 00529)(MLG LOCKING ACTUATOR PN Off: 2117-3000-405 SN Off: 2117-3000-601 --PN ON: 00370 SN On: 00370) Ref EEJS WP-F4141/ Seq 4702
- 145 Complied with SB 505-34-0006 Navigation - IASP (Integrated Air Data and Stall Protection Probe) Replacement used are modified units. (#1 IASP PN Off: 2015L-2A SN Off: 0504 --PN ON: 2015L-4B SN On: 0229)(#2 IASP PN Off: 2015L-2A SN Off: 0505 --PN ON: 2015L-4B SN On: 0583) Ref EEJS WP-F4141/ Seq 4101
- 146 Complied with SB 505-55-0003 - Rev 3 - Stabilizers - Elimination of Interference between the bolts that attach vertical stabilizer and Aft Fuselage Frame 43. Ref EEJS WP-F4141/ Seq 4302
- 147 Complied with SB 505-57-0008 Wings - Outboard-Flap Lower Shroud Seal Replacement. Ref EEJS WP-F4141/ Seq 4501

Complied with the following Maintenance

- 148 Performed adjustment of the compressor drive module belt IAW Phenom 300 AMM Task 21-52-01. Ref EEJS WP-F4141/ Seq 2302

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EMBRAER

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- Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 625.9 Acft TAC: 328 12/18/2015 Page 11 of 12
- 149 Performed cleaning of oil from LH engine bottom cowling, with no defects noted IAW Phenom 300 AMM Task 71-12-00-600. Ref EEJS WP-F4141/ Seq 2401
 - 150 Performed General Cleaning of Evaporator Fins in the cockpit IAW Phenom 300 AMM Task 21-52-03. Ref EEJS WP-F4141/ Seq 2204
 - 151 Performed installation of a new clamp on the heat exchanger assy next to the bleed air fan IAW Phenom 300 AMM Task 21-23-05. Ref EEJS WP-F4141/ Seq 2304
 - 152 Performed installation of new lock pin on lavatory panel 242AZ IAW Phenom 300 AMM Task 20-00-00. Ref EEJS WP-F4141/ Seq 2205
 - 153 Performed painting of nose landing gear lower torque link chips and fork lower piston paint chips IAW Phenom 300 SRM Task 55-22-05. Ref EEJS WP-F4141/ Seq 2101
 - 154 Performed Phenom 300 EMM Task 71-00-00-160-805 LH and RH engine compressor wash. Ref EEJS WP-F4141/ Seq 1455
 - 155 Performed removal and installation of the pilot and copilots seats removed to F.O.M IAW Phenom 300 AMM Task 25-11-01-000-801-A. Ref EEJS WP-F4141/ Seq 2202
 - 156 Performed removal of cracked drive module belt guard cover, and installed a new compressor drive module belt guard IAW Phenom 300 AMM Task 21-52-01. Ref EEJS WP-F4141/ Seq 2303
 - 157 Performed removal of the #1 main battery and installed a new #1 main battery, with no defects noted IAW Phenom 300 AMM Task 24-36-01. (#1 FWD Battery Main PN Off: 7639-34 SN Off: G02777608 --PN ON: 7639-34 SN On: G02908285) Ref EEJS WP-F4141/ Seq 2203
 - 158 Performed removal of the L/H MLG wheel assembly and installed a repaired wheel assembly with new tire IAW Phenom 300 AMM Task 32-45-01. (LH MLG Wheel PN Off: 505-19517-611 SN Off: 5064NC --PN ON: 505-19517-611 SN On: 5073JV) (LH MLG Tire PN Off: 258K63-2 SN Off: 40853008 --PN ON: 258K63-2 SN On: 52652623) Ref EEJS WP-F4141/ Seq 2102
 - 159 Performed replacement of the dual lock on the cockpit RH Lateral console top to secure it. All work done IAW Phenom 300 AMM Task 25-00-26. Ref EEJS WP-F4141/ Seq 2201

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TOTAL

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160 Performed visual inspection of hydraulic fluids level and found to be within acceptable limits; no servicing required at this time. Work performed IAW P-300 AMM 12-13-00.
Performed visual inspection of engines oil level and found to be within acceptable limits (both left and right engine); no servicing required at this time. Work performed IAW P300 AMM 12-12-00.
Performed servicing of tires IAW P300 AMM 12-14-00.
Performed servicing of O2 IAW P300 AMM 12-16-00.
Performed visual inspection of accumulator charge and found assy to be within acceptable limits; no servicing required at this time.
Work performed IAW P300 AMM 13-13-00. Ref EEJS WP-F4141/ Seq 1911

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F4141 Dated: 12/18/2015

Signed For Embraer Executive Jet Services, LLC By:

Employee Number:

16035

FAA CRS# 1MB3176B



LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks,
CT. 06096 CRS 1MBD176B

Phone: 860-804-4553

Fax: 860-627-0532

Aircraft N713WD
S/N 50500167
AFTT 565.1 hrs.
Landings 275

Left Eng. S/N PCE-DG0338
ETT 565.1 Cycles 275
Right Eng. S/n n/a
ETT Cycles

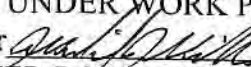
Non-routine Maintenance Accomplished:

SEQ# 5401 L/H eng has starting issue on channel A only. Removed LH Lower cowling IAW P300 AMM 71-12-00-000-801-A. Removed LH "A" channel ignition cable IAW PWC 535 EMM 74-20-01-000-801 and LH "A" channel igniter IAW PWC 535 EMM 74-20-02-000-801. Performed GVI of the igniter support tubes and igniter IAW PWC 535 EMM 74-20-02-210-801/802. No defects noted. Reinstalled LH channel "A" igniter IAW PWC 535 EMM 74-20-02-400-801. Functional test of LH channel "A" ignition cable wiring checked good IAW PWC 535 EMM 74-20-01-750-801. Installed new ignition cable "A" channel IAW PWC 535 EMM 74-00-01-750-901. Installed LH lower cowling IAW P300 AMM 71-12-00-400-801-A. Performed satisfactory engine start on channel "A" IAW P300 AMM 71-00-01-910-801-A.

P/N Off: 3073141-01 S/N Off: NNA13230063

On: 3073141-01 On: NNA14190035 (New T/no 82320595-000001 2312126)

-----END-----

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND WITH RESPECT TO THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE MAINTENANCE ARE ON FILE AT THIS REPAIR STATION UNDER WORK PACKAGE NO. **T141 DATED: October 03, 2015.** SIGNED Michael Miller  FOR EMBRAER EXECUTIVE JET SERVICES, LLC, 41 PERIMETER ROAD, WINDSOR LOCKS, CT, 06096 REPAIR STATION 1MBD176B

Aircraft: N713WD S/N: 50500167

AFTT: 535.5 hrs. Landings: 263

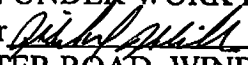
C Service Bulletins:

SEQ# 4201 Complied with Embraer Service Bulletin **505-25-0019** dtd 17/Jun/2015 Equipment/Furnishings - Aft Lavatory cabinet Replacement IAW Accomplishment instructions 3A thru 3H. Amended W&B -0.827 lb, -262.99 lb in.

SEQ# 4401 Complied with Embraer Service Bulletin **505-71-0006** dtd 08/Feb/2013 Powerplant - Repetitive Inspection on the Engine Air Inlet IAW Accomplishment instructions 3A thru 3E. No defects noted.

Next Compliance Due by 619.7 Flight Hours.

-----END-----

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND WITH RESPECT TO THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE MAINTENANCE ARE ON FILE AT THIS REPAIR STATION UNDER WORK PACKAGE NO. **B1600** DATED: **August 28, 2015**. SIGNED Michael Miller  FOR EMBRAER EXECUTIVE JET SERVICES, LLC, 41 PERIMETER ROAD, WINDSOR LOCKS, CT. 06096 REPAIR STATION 1MBD176B



LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks,
CT. 06096 CRS 1MBD176B

Phone: 860-804-4553

Fax: 860-627-0532

Aircraft N713WD
S/N 50500167
AFTT 535.5 hrs.
Landings 263

Left Eng. S/n *n/a*
ETT Cycles
Right Eng. S/n *n/a*
ETT Cycles

A Routine Maintenance Accomplished:

SEQ# 1101 Complied with MRID **34-11-02-001** Cleaning of Pitot-Static Probe IAW Phenom 300 AMM 34-11-02-100-801-A.
SEQ# 1201 Complied with MRID **30-31-00-002** Operational Check IASP Probe and Pitot Static Heating IAW Phenom 300 AMM 2757 part II task 30-30-00-710-801-A.
SEQ# 1202 Complied with MRID **34-11-00-001** Functional Check of Integrated Electronic Standby Instrument IAW Phenom 300 AMM 34-11-00-720-801-A.
SEQ# 1203 Complied with MRID **34-15-00-003** Detailed Inspection of IASP IAW Phenom 300 AMM 34-15-07-210-802-A
SEQ# 1204 Complied with MRID **34-23-00-001** Functional Check of Standby Compass IAW Phenom 300 AMM 34-23-00-720-801-A.
SEQ# 1205 Complied with MRID **34-52-00-001** Functional Check of Transponder System IAW Phenom 300 AMM 34-52-00-720-801-A.

B Non-routine Maintenance Accomplished:

SEQ# 2201 **Standby compass swing failed check, standby compass requires calibration.** Performed a satisfactory Standby Compass Calibration IAW Phenom 300 AMM 34-23-00-820-801-A.
SEQ# 2401 **E2 chip detected message while performing compass swing.** Removed, inspected and re-installed RH Engine Chip Detector and Oil Filter IAW PWC535E EMM 79-30-01-000/400-801 and 79-20-01-000/400-801. No message during engine runs.
SEQ# 2701 **Found RH MLG tire worn to limits.** Removed and replaced RH Main Wheel/Tire Assembly IAW Phenom 300 AMM 232-45-01-000/400-801-A.
P/N off DAP00098-02 S/N 5070MR
on 505-19517-603 5098MR (Repaired T/no W1104)
SEQ# 5201 **Customer reports lav inop.** Serviced toilet and attempted flush, pump ran without pumping fluid. Removed and replaced Lav Pump IAW Phenom 300 AMM 38-33-12-000/400-801-A.
P/N off RCP5161-00 S/N 03140224
on RCP5161-00 03140213 (Repaired T/no G155236)
SEQ# 5202 **Customer reports CPDLC Link issues while in Europe.** Performed a satisfactory Operational Test of CPDLC System IAW Phenom 300 AMM 23-24-00-710-801-A.

Aircraft: N713WD S/N: 50500167

AFTT: 465.5 hrs. Landings: 230

C Service Bulletins:

SEQ# 4101 Complied with Embraer Service Bulletin **505-28-0003 Part I** dtd 04/Feb/2015 Fuel - Motive Flow Line and Feed Line Tubes Inspection and Replacement IAW Accomplishment instructions 3A, 3B and 3D thru 3F. Found corrosion on fuel tubes. **Replacement of all six fuel tubes per SB 505-28-0003 Part II Due by 765.5 Flight Hours or November 2015 whichever occurs first.**

SEQ# 4301 Complied with Embraer Service Bulletin **505-24-0015 Rev 03** dtd 14/APR/2015 Electrical Power - Replacement of the Main Battery 2 IAW Accomplishment instructions 3A thru 3F. Amended W&B +13.228 lb, +4702.56 lb in.

P/N Off: 7638-36 S/N Off: G02781285

On: 7638-48P On: G02871313 (New T/no 2000877075)

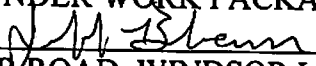
SEQ# 4401 Complied with Embraer Service Bulletin **505-71-0006** dtd 08/Feb/2013 Powerplant - Repetitive Inspection on the Engine Air Inlet Accomplishment Instructions 3A thru 3E.

Next Inspection due by 565.5 flight hours.

D Life Limited Components:

-First Aid Kit P/N 019708-0005L Expires Jan 2017.

-----END-----

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LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks,
CT. 06096 CRS 1MBD176B

Phone: 860-804-4553
Fax: 860-627-0532

Aircraft N713WD
S/N 50500167
AFTT 465.5 hrs.
Landings 230

Left Eng. S/n n/a
ETT Cycles
Right Eng. S/n n/a
ETT Cycles

A Routine Maintenance Accomplished:

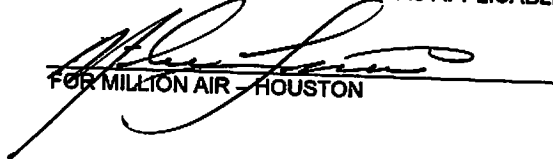
SEQ# 1101 Complied with **24-36-01-001** Functional Check of the FWD Main Battery IAW Phenom 300 AMM 24-36-01-720-801-A. Removed and replaced FWD battery IAW P300 AMM 24-30-01-000/400-801-A.
P/N Off: 7639-34 S/N Off: G02833831
On: 7639-34 On: G02777608 (Inspected T/no B1208BDL001)
SEQ# 1201 Complied with **25-62-01-001** Visual Check of First Aid Kit IAW Phenom 300 AMM 25-62-01-200-801-A. Kit Expires July 2015 reference seq 2203 for corrective action.
SEQ# 1301 Complied with **24-36-01-001** Functional Check of the AFT Main Battery. Aft Battery replaced with new, reference seq 4301. This satisfies inspection item 24-36-01-001.

B Non-routine Maintenance Accomplished:

SEQ# 2201 **Cockpit L/H lateral console dual loc at upper edge is no longer attached to console.** Removed and replaced detached dual lock IAW Phenom 300 AMM 25-00-26-960-801-A.
SEQ# 2202 **Main Door Shroud 813ALW fwd lower corner damaged during opening of door.** Repaired FWD lower corner of panel 813ALW IAW Phenom 300 SRM 51-71-07. Removed and re-installed panel 813ALW IAW Phenom 300 AMM 25-23-04-000/400-801-A.
SEQ# 2203 **First aid kit expires 07/2015.** Removed and replaced First Aid Kit IAW Phenom 300 AMM 25-62-01-First Aid Kit P/N 019708-0005L Expires Jan 2017.
SEQ# 2301 **Polyurethane tape on vertical stabilizer leading edge is lifting.** Removed and replaced Polyurethane tape on vertical stabilizer leading edge IAW Phenom 300 AMM 55-35-20-000/400-801-A.
SEQ# 5201 **Customer reports Divan Seat belt is loose.** Removed and re-installed Aft backrest on Divan for access. Found shoulder harness airbag tube positioned aft of the shoulder harness causing belt to not retract properly. Repositioned airbag tube forward of belt allowing shoulder harness freedom of movement. All work done IAW Phenom 300 AMM 25-21-02-000/400-801-A.
SEQ# 5202 **Refreshment cabinet ice drawer not closing properly.** Removed and re-installed ice drawer for access, found latch to be sticking. Lubed latch and complied with a satisfactory operational check IAW Phenom 300 AMM 25-31-00 and 38-31-05-000/400-801-A.
SEQ# 5801 **Cabin door is showing open in status page for the first 15 minutes of flight then shows closed.** Complied with Main Door Microswitch Adjustment and satisfactory operational test IAW Phenom 300 AMM 52-71-20-820-801-A.
SEQ# 5802 **MED external handle lock will not rotate.** Found Main Door cam lock bent. Removed and replaced Main Door Cam lock p/n 505-09727-003 IAW Phenom 300 AMM 52-11-26-000/400-801-A.

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

AIRCRAFT SERIAL NUMBER: <u>2300187</u>										← EMBRAER	
DATE	FLIGHT TIME	TOTAL TIME	LANDING NR.		FROM	TO	INSTALLATIONS, REMOVALS, PERIODIC AND SPECIAL INSPECTIONS	SIGNATURE	LICENCE NUMBER		
	Hours / Min	Hours / Min	Part.	Tot.							
N731WD PHENOM 300 S/N: 50500167 TT: <u>N/A</u> LDGS: <u>N/A</u> W/O: 12944 06/04/2015 1. Main cabin door annunciator illuminates in flight. Troubleshoot cabin door annunciator, removed equipment necessary to access cabin door switches, removed upper forward cabin door switch/actuator assembly, P/N 505-25962-401, adjusted micro switch, installed switch assembly, operational check good. Installed equipment removed for access. Work performed in reference to Phenom 300 AMM, chap. 57-71-20. THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH REGARDS TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENT IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS #1. ALL WORK ACCOMPLISHED IAW EMBRAER 505 MAINT. MAN REVISION 32 DATED 12 FEB 2015 AS APPLICABLE. DETAILS ARE ON FILE UNDER W/O: 12944.  MILLION AIR®  FOR MILLION AIR - HOUSTON											
TRANSPORT											
TOTAL											

BROUGHT FORWARD

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Req: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 188.0 Acft TAC: 90 6/12/2014 Page 1 of 2

Complied with the following ADs

- 1 AD 2013-09-01 (L/H) GVI and rework of stator press. Plate, N/A due brake assy replacement upgrade. Refer to seq 2701 of this W/P. No further action required at this time. Ref EEJS WP-F2613/ Seq 3102
- 2 AD 2013-09-01 (R/H) GVI and rework of stator press. Plate/N/A due brake assy. Replacement upgrade, refer to seq. 2701 of this W/P. No further action required at this time. Ref EEJS WP-F2613/ Seq 3101

Complied with the following Service Bulletins

- | | |
|---|--|
| 3 | Complied with SB 505-45-0002 Central Maintenance System - G3000 - - Installation of Central Maintenance Computer (CMC) Load v2.01a Software Upload Ref EEJS WP-F2613/ Seq 4202 |
| 4 | Complied with SB 505-23-0006 Part II - Communications G3000 - Installation of the CPDLC (Controller-To-Pilot Data Link Communication)
Note: Superseded Weight and Balance Chart C as required, due Added Weight Per above SB Ref EEJS WP-F2613/ Seq 4201 |
| 5 | Complied with SB 505-32-0011 Rev1 Landing Gear - Precautionary Inspection in the Carbon Discs of the Main Landing Gear Brake Ref EEJS WP-F2613/ Seq 4801 |
| 6 | Complied with SB 505-32-0013 Rev 01 , Landing Gear -Replacement of the Brake assembly due to cracks past limits.
OFF L/H brake assy P/N DAP00097-02 S/N 5059MJ
ON L/H brake assy P/N DAP00097-03 S/N 5019KK
OFF R/H brake assy P/N DAP00097-02 S/N 5058MJ
ON R/H brake assy P/N DAP00097-03 S/N 5072LC Ref EEJS WP-F2613/ Seq 2701 |
| 7 | Complied with SB 505-71-0006 Part II inspection of left and right engine inlets. No defects noted. IAW accomplishment instructions of SB 505-71-0006. R/H part # 505-36930, S/N 043, L/H 505-36920-409 S/N 041
Note: Inspection interval to be accomplished next 100 FH until final action therefore next insp due at 288 FH. Ref EEJS WP-F2613/ Seq 4401 |

Complied with the following Maintenance

- 8 Performed aircraft tires pressure check, found nose and mains within limits IAW Phenom 300 AMM 12-14-00. Checked engine oils no service need, IAW Phenom 300 and Pratt & Whitney EMM 72-00-00. Checked oxygen system, no service required IAW Phenom 300 AMM 12-16-00. Checked hydraulic fluid and accumulator service. No servicing required, IAW 12-13-00. Ref EEJS WP-F2613/ Seq 1911



Embraer Executive Jet Services, LLC CRS# 1MB3176B

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Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 188.0 Acft TAC: 90 6/12/2014 Page 2 of 2

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F2613 Dated: 6/12/2014

Signed For Embraer Executive Jet Services, LLC By:

Employee Number: 12150

FAA CRS# 1MB3176B

A

**LICENCE**

RE NUMBER

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

[illegible]

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

AIRCRAFT SERIAL NUMBER: 50500167									
DATE	FLIGHT TIME	TOTAL TIME	LANDING NR.				INSTALLATIONS, REMOVALS, PERIODIC AND SPECIAL INSPECTIONS	SIGNATURE	LICENCE
	Hours / Min	Hours / Min	Part.	Tot.					FROM
Embraer Executive Jet Services, LLC CRS# 1MB3176B Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315									
Acft Reg N713WD Acft SN: 50500167 EMB-505 Acft TAT: 329.1 Acft TAC: 161 11/20/2014 Page 6 of 7									
	99 Performed Passenger Intercom system OPS Test IAW EMB P-300 AMM Task # 44-13-00-710-801-A. No faults found. Also check cockpit to Vip Satcom Phone communication IAW EMB P-300 AMM 23-15-00-710-801-A and found cabin audio very poor and unable to communicate to Cockpit. Removed Access Panels to check Satcom Handset IAW EMB P300 AMM Task 25-25-02-000-801-A. Checked Wiring IAW EMB P-300 WM 23-23-50 and found poor connection of splice SP2958 Re-secured splice SP 2958 IAW EMB P300 WM 20-21-20 C/W Operational test of Satcom system IAW EMB P300 Task 23-15-00-710-801-A. No defects noted and Reinstalled access panels IAW EMB P-300 AMM Task 25-25-02-400-801-A. Ref EEJS WP-F2777/ Seq 2214								
	100 Performed Re-inspection of shimmy dampener and found it within limits, no service required. I.A.W. Phenom 300 AMM 32-21-05 Ref EEJS WP-F2777/ Seq 2205								
	101 Performed replacement of a new AFT foot vent grill, grill has been painted to match color finish. All work done I.A.W. P-300 SRM 51-71-10. OFF R/H P/N NPN S/N NSN ON R/H AFT (NEW) GRATE, LH LATERAL CONSOLE P/N 505-41465-002 S/N BATCH #8005447204 Ref EEJS WP-F2777/ Seq 2208								
	102 Performed replacement of FWD Main Battery, using a new battery IAW P-300 AMM 24-36-01 OFF FWD Battery PN 7639-34 SN G028Q9187 ON FWD Battery PN 7639-34 SN G02833831 Ref EEJS WP-F2777/ Seq 2102								
	103 Performed replacement of L/H and R/H pylon fairing leading edge polyurethane film, using new film IAW p-300 AMM 54-21-20 Ref EEJS WP-F2777/ Seq 2212								
	104 Performed replacement of L/H engine pylon polyurethane film is lifting on top, using a new film IAW P-300 AMM 54-21-20 Ref EEJS WP-F2777/ Seq 2210								
	105 Performed replacement of R/H engine polyurethane film Ob side, using new film IAW P-300 AMM 54-51-20 Ref EEJS WP-F2777/ Seq 2211								
	106 Performed replacement of Wing to fuselage fairing L/H NACA air inlet, using new film IAW P-300 AMM 53-04-24 Ref EEJS WP-F2777/ Seq 2209								
	107 Performed servicing of hyd fluid I.A.W. P-300 AMM chapter 12-13-00. L/H & R/H Eng oil, no servicing required, I.A.W. P-300 AMM chapter 12-12-00 Serviced all tires I.A.W. P-300 AMM chapter 12-14-00 Serviced oxygen I.A.W. P-300 AMM 12-16-00 No serviced needed on accumulators. Ref EEJS WP-F2777/ Seq 1911								
TRANSPOR									
TOTAL									

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

[illegible]

AIRCRAFT LOG BOOK

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AIRCRAFT LOG BOOK

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[illegible]

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167



DATE	FLIGHT TIME	TOTAL TIME	LANDING NR.		FROM	TO	INSTALLATIONS, REMOVALS, PERIODIC AND SPECIAL INSPECTIONS	SIGNATURE	LICENCE
	Hours / Min	Hours / Min	Part.	Tot.					NUMBER
									
	Embraer Executive Jet Services, LLC CRS# 1MB3176B								
	Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315								
	Acft Reg N713WD Acft SN: 50500167 EMB-505 Acft TAT: 329.1 Acft TAC: 161 11/20/2014 Page 2 of 7								
	20 Performed 28-11-00-001 Functional Check of Fuel Tanks for Microorganisms Ref EEJS WP-F2777/ Seq 1502								
	21 Performed 28-12-01-001 Special Detailed Inspection of Fuel Vent NACA Ref EEJS WP-F2777/ Seq 1503								
	22 Performed 29-12-02-001 Visual Check of Manifold/Reservoir Ref EEJS WP-F2777/ Seq 1305								
	23 Performed 29-15-03-001 Servicing of Hydraulic Accumulator Ref EEJS WP-F2777/ Seq 1105								
	24 Performed 30-41-01-001 Functional Check of Windshield Rain Repellent Coating Ref EEJS WP-F2777/ Seq 1202								
	25 Performed 31-31-00-002 Operational Check of Cockpit Voice and Data Recorder System Ref EEJS WP-F2777/ Seq 1201								
	26 Performed 32-00-00-001 External General Visual Inspection of Landing Gear Polyurethane Films Ref EEJS WP-F2777/ Seq 1701								
	27 Performed 32-11-00-001 Visual Check of Main Landing Gear Ref EEJS WP-F2777/ Seq 1702								
	28 Performed 32-11-00-003 Lubrication of Main Landing Gear Ref EEJS WP-F2777/ Seq 1703								
	29 Performed 32-11-03-004 Servicing of Main Landing Gear Shock Absorber Ref EEJS WP-F2777/ Seq 1704								
	30 Performed 32-21-00-001 Visual Check of Nose Landing Gear Ref EEJS WP-F2777/ Seq 1705								
	31 Performed 32-21-00-003 Lubrication of Nose Landing Gear Ref EEJS WP-F2777/ Seq 1706								
	32 Performed 32-21-05-004 Servicing of Nose Landing Gear Shock Absorber Ref EEJS WP-F2777/ Seq 1707								
	33 Performed 32-21-05-005 Visual Check of Nose Landing Gear Shimmy Damper Ref EEJS WP-F2777/ Seq 1708								
	34 Performed 32-41-02-002 Functional Check of Brake Pedal Transducer Ref EEJS WP-F2777/ Seq 1203								
	35 Performed 33-52-01-001 Functional Check of Emergency Lights Battery (BE - Aerospace) Ref EEJS WP-F2777/ Seq 1204								
	36 Performed 35-11-00-001 Operational Check of Crew Oxygen Mask and Stowage Box Ref EEJS WP-F2777/ Seq 1206								
	37 Performed 52-11-00-003 Functional Check of Main Door Internal handle strength Ref EEJS WP-F2777/ Seq 1801								
	38 Performed 53-00-00-001 External General Visual Inspection of Fuselage Polyurethane Films Ref EEJS WP-F2777/ Seq 1101								
	39 Performed 53-05-00-001 Detailed Visual Inspection of Fuselage Drains Ref EEJS WP-F2777/ Seq 1102								
	40 Performed 54-00-00-001 External General Visual Inspection of Engine Pylon Polyurethane Films Ref EEJS WP-F2777/ Seq 1401								
	41 Performed 55-00-00-001 External General Visual Inspection of Stabilizer Polyurethane Films Ref EEJS WP-F2777/ Seq 1301								
	42 Performed 57-00-00-001 External General Visual Inspection of Wing Polyurethane Films Ref EEJS WP-F2777/ Seq 1501								
	43 Performed 71-00-00-760-823 Do TLD Clearing Procedure for L/H Engine Ref EEJS WP-F2777/ Seq 1404								
	44 Performed 71-00-00-760-823 Do TLD Clearing Procedure for R/H Engine Ref EEJS WP-F2777/ Seq 1405								
	45 Performed 72-00-00-212-801 General Visual Inspection of the LH Engine Inlet Area Ref EEJS WP-F2777/ Seq 1406								
TRANSPORT									
TOTAL									

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167



DATE	FLIGHT TIME	TOTAL TIME	LANDING NR.		FROM	TO	INSTALLATIONS, REMOVALS, PERIODIC AND SPECIAL INSPECTIONS	SIGNATURE	LICENCE
	Hours / Min	Hours / Min	Part.	Tot.					NUMBER
	 Embraer Executive Jet Services, LLC CRS# 1MB3176B Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315								
	Actt Reg N713WD Actt SN: 50500167 EMB-505 Actt TAT: 329.1 Actt TAC: 161 11/20/2014 Page 1 of 7 Complied with the following ADs								
	1 Performed FAA AD research as required and found all applicable Airframe / Engines / Components AD's to be in compliance. No further action required at this time. See attached report. Ref EEJS WP-F2777/ Seq 2204 Complied with the following Inspections								
	2 1. Complied with PWC 12 Month Inspection for R/H Engine IAW P-300 EMM Section 5 Ref EEJS WP-F2777/ Seq 1004								
	3 1. Complied with 12 Month Airframe Inspection IAW P-300 AMM Section 5 Ref EEJS WP-F2777/ Seq 1001								
	4 1. Complied with 600FH/12 Month Airframe Inspection IAW P-300 AMM Section 5 Ref EEJS WP-F2777/ Seq 1002								
	5 1. Complied with PWC 12 Month Inspection for L/H Engine IAW P-300 EMM Section 5 Ref EEJS WP-F2777/ Seq 1003								
	6 1. Complied with PWC 600FH/12 Month Inspection for L/H Engine IAW P-300 EMM Section 5 Ref EEJS WP-F2777/ Seq 1005								
	7 1. Complied with PWC 600FH/12 Month Inspection for R/H Engine IAW P-300 EMM Section 5 Ref EEJS WP-F2777/ Seq 1006								
	8 Performed 72-00-00-212-803 General Visual Inspection of the LH Bypass Duct Ref EEJS WP-F2777/ Seq 1410								
	9 Performed 21-52-01-001 Detailed Visual Inspection of VCS Compressor Motor Drive Ref EEJS WP-F2777/ Seq 1302								
	10 Performed 21-52-01-003 Functional Check of Compressor Belt Tension Ref EEJS WP-F2777/ Seq 1303								
	11 Performed 21-52-06-001 Servicing of VCS Refrigerant Fluid Ref EEJS WP-F2777/ Seq 1304								
	12 Performed 22-11-00-001 Functional Check of Autopilot Servos Ref EEJS WP-F2777/ Seq 1103								
	13 Performed 24-36-01-001 Functional Check of the AFT Main Battery. POS: AFT P/N: 7638-36 S/N: G02781285 Ref EEJS WP-F2777/ Seq 1306								
	14 Performed 24-36-01-001 Functional Check of the FWD Main Battery. POS: FWD P/N: 7639-34 S/N: G02809187, See SEQ # 2102 Ref EEJS WP-F2777/ Seq 1104								
	15 Performed 25-61-00-001 Operational Check of ELT System P/N: S1821502-02 S/N: LX1100050560 Ref EEJS WP-F2777/ Seq 1307								
	16 Performed 25-61-00-002 General Visual Inspection of Emergency Locator Transmitter for condition: proper installation and battery corrosion/leakage. P/N: S1821502-02 S/N: LX1100050560, No defects noted Ref EEJS WP-F2777/ Seq 1308								
TRANSPORT	17 Performed 25-62-01-001 Visual Check of First Aid Kit NOTE: FAK expiration date is: 07/2015 Ref EEJS WP-F2777/ Seq 1207								
	18 Performed 26-24-01-001 Weight Check of Portable Fire Extinguishers POS: Cabin P/N: RT-A1200 S/N: X-726569, within limits Ref EEJS WP-F2777/ Seq 1208								
TOTAL	19 Performed 26-24-01-001 Weight Check of Portable Fire Extinguishers POS: Cockpit P/N: RT-A1200 S/N: X-726562, within limits Ref EEJS WP-F2777/ Seq 1209								



EMBRAER

LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks,
CT. 06096 CRS 1MBD176B

Phone: 860-804-4553

Fax: 860-627-0532

Aircraft N713WD
S/N 50500167
AFTT 260.9 hrs.
Landings 131

Left Eng. S/n n/a
ETT Cycles
Right Eng. S/n n/a
ETT Cycles

A Routine Maintenance Accomplished:

SEQ# 1101 Complied with 22-11-00-001 functional check of autopilot servos IAW Phenom 300 AMM 22-11-00-720-801-A.
SEQ# 1102 Complied with 24-36-01-001 Functional check of the FWD main battery IAW P300 AMM 24-36-01-720-801.
SEQ# 1201 Complied with 26-24-01-001 Weight check of cabin and cockpit fire extinguishers IAW P300 AMM 24-01-720-801-A.
SEQ# 1301 Complied with 24-36-01-001 Functional check of the AFT Main Battery IAW P300 AMM 24-36-01-720-801-A
SEQ# 1302 Complied with 25-61-00-001 Operational test of the ELT System IAW Phenom 300 AMM 25-61-00-710-801-A.
SEQ# 1303 Complied with 25-61-00-002 General Visual Inspection of the ELT IAW Phenom 300 AMM 25-61-00-210-801-A.

B Non-routine Maintenance Accomplished:

SEQ# 2201 During the functional check of the auto pilot servos it was noted while in the configuration mode on the GFC Status Page with GIA 1 selected the "Yaw Servo" selection was not available (none). As per instruction from Embraer contact center email Case # EEJS-001511016 dated 09/09/2014. Reloaded autopilot rudder servo actuator software IAW Phenom 300 AMM task 22-11-08-470-801-A. GFC Status Page now displays Yaw Servo correctly. No further defects noted.

SEQ# 2301 Found rudder auto servo cable tension to be high. Removed and re-installed Tailcone Assembly for access IAW Phenom 300 AMM 53-31-00-000/400-801-A. Adjusted the rudder autopilot servo cable tension and complied with the rudder autopilot servo functional check IAW Phenom 300 AMM 22-11-10-720-801-A. No further defects noted.

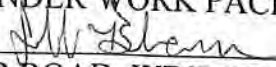
SEQ# 2701 Both MLG tires are worn close to unserviceable limits Per AMM. Removed and replaced #1 and #2 Main wheel Assemblies IAW P300 AMM 32-45-01-000/400-801-A.

#1 P/N off 505-19517-601 S/n 5129MK
on 505-19517-601 5064NC (Overhauled T/n 2000031836)
#2 P/N off 505-19517-601 S/n 5128MK
on 505-19517-601 5070MR (Overhauled T/n F2876)

C Service Bulletins:

SEQ# 4201 Complied with Embraer Service Bulletin 505-31-0012 Dated 07/Aug/2014 Indicating/Recording Systems -Installation of the G3000 Load 4.51 Avionics Software, CMC Load 3.02 and Default Pilot Profile Files IAW Accomplishment instructions 3A thru 3R.
SEQ# 4301 Visually Inspected and found SB 505-36-0005 previously complied with.

-----END-----

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND WITH RESPECT TO THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE MAINTENANCE ARE ON FILE AT THIS REPAIR STATION UNDER WORK PACKAGE NO. B1066 DATED: September 10, 2014. SIGNED Jeff Benham  FOR EMBRAER EXECUTIVE JET SERVICES, LLC, 41 PERIMETER ROAD, WINDSOR LOCKS, CT. 06096 REPAIR STATION 1MBD176B



LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks,
CT. 06096 CRS 1MBD176B
Phone: 860-804-4553
Fax: 860-627-0532

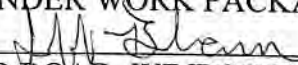
Aircraft N713DW
S/N 50500167
AFTT 253.3 hrs.
Landings 127

Left Eng. S/n n/a
ETT Cycles
Right Eng. S/n n/a
ETT Cycles

Non-routine Maintenance Accomplished:

SEQ# 2201 Failure of Audio Panel#2 and PFD#2. Uploaded GIA 2 software IAW Phenom 300 AMM 31-41-05-470-801-A, fault remains. Attempted to upload Audio Processor software IAW P300 AMM 23-51-03-470-801-A, failed due to no communication with GMA 2. Removed and replaced #2 Audio Processor Unit IAW Phenom 300 AMM 23-51-03-000/400-801-A.
P/N off 011-01793-00 S/N 1HF005275
on 011-01793-00 1HF006128 (New T/no 2000671775)

-----END-----

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND WITH RESPECT TO THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE MAINTENANCE ARE ON FILE AT THIS REPAIR STATION UNDER WORK PACKAGE NO. **B1072** DATED: **September 02, 2014**. SIGNED Jeff Benham  FOR EMBRAER EXECUTIVE JET SERVICES, LLC, 41 PERIMETER ROAD, WINDSOR LOCKS, CT. 06096 REPAIR STATION 1MBD176B



LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks,
CT. 06096 CRS 1MBD176B

Phone: 860-804-4553

Fax: 860-627-0532

Aircraft N713DW
S/N 50500167
AFTT 252.2 hrs.
Landings 125

Left Eng. S/n	n/a
ETT Cycles	
Right Eng. S/n	n/a
ETT Cycles	

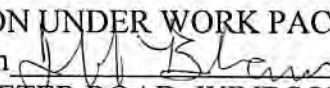
Non-routine Maintenance Accomplished:

SEQ# 2701 Customer reports cut in NLG Tire. Removed and replaced Nose Wheel/Tire Assembly IAW Phenom 300 AMM 32-45-11-000/400-801-A.

P/N off 505-19601-601
on 505-19601-601

S/N 5051MH
5079ML (Overhauled T/no F2607)

-----END-----

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND WITH RESPECT TO THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE MAINTENANCE ARE ON FILE AT THIS REPAIR STATION UNDER WORK PACKAGE NO. **B1068** DATED: **August 29, 2014**. SIGNED Jeff Benham  FOR EMBRAER EXECUTIVE JET SERVICES, LLC, 41 PERIMETER ROAD, WINDSOR LOCKS, CT. 06096 REPAIR STATION 1MBD176B

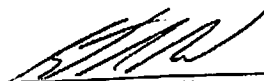
All Around Aviation
12888 Hwy 6 South, Suite 116
Sugar Land, TX 77498

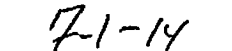
Customer: Winds Away 07 LLC Model Phenom 300
Tail: N713WD SN: 50500167 Acft Hrs: 208.0 Cycles: 103 Date: 07-01-2014
Eng #1: PW535E SN: PCE-DG0338 HRS: 208 CYCLES: 103

Performed the following maintenance

1. Engine compressor cleaning due. Complied with engine compressor cleaning, ops chk good at this time IAW Phenom 300 EMM 71-00-00.

This aircraft or engine has been inspected and found airworthy for return to service with respect to work performed. All work was performed IAW manufactures instructions and the current Federal Aviation Administration Regulations. Pertinent details are on file.


(Scott C. Welch)


Cert. #A&P 3201534

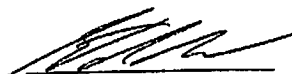
All Around Aviation
12888 Hwy 6 South, Suite 116
Sugar Land, TX 77498

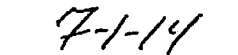
Customer: Winds Away 07 LLC Model Phenom 300
Tail: N713WD SN: 50500167 Acft Hrs: 208.0 Cycles: 103 Date: 07-01-2014
Eng #2: PW535E SN: PCE-DG0339 HRS: 208 CYCLES: 103

Performed the following maintenance

2. Engine compressor cleaning due. Complied with engine compressor cleaning, ops chk good at this time IAW Phenom 300 EMM 71-00-00.

This aircraft or engine has been inspected and found airworthy for return to service with respect to work performed. All work was performed IAW manufactures instructions and the current Federal Aviation Administration Regulations. Pertinent details are on file.


(Scott C. Welch)


Cert. #A&P 3201534

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

[illegible]

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: **50500167**

DATE	FLIGHT TIME	
	Hours	Min



Embraer Executive Jet Services, LLC CRS# 1MB3176B
Log Book Report 275 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acraft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 198.0 Acft TAC: 50 5/12/2014 Page 1 of 2

Complied with the following ADs

- 1 AD 2013-22-20 (L/H) GVI and rework of stator press. Plate, N/A due brake assy replacement upgrade. Refer to seq 2701 of this W/P. No further action required at this time. Ref EEJS WP-F2613/ Seq 3102
- 2 AD 2013-22-20 (R/H) GVI and rework of stator press. Plate/N/A due brake assy. Replacement upgrade, refer to seq. 2701 of this W/P. No further action required at this time. Ref EEJS WP-F2613/ Seq 3101

Complied with the following Service Bulletins

- 3 Complied with SB 505-45-0002 Central Maintenance System - G3000 - Installation of Central Maintenance Computer (CMC) Load v2.01a Software Upload Ref EEJS WP-F2613/ Seq 4202
 - 4 Complied with SB 505-23-0006 Part II - Communications G3000 - Installation of the CPDLC (Controller-To-Pilot Data Link Communication)
 - 5 Complied with SB 505-32-0011 Rev1 Landing Gear - Precautionary Inspection of the Carbon Discs of the Main Landing Gear Brake Ref EEJS WP-F2613/ Seq 4801
 - 6 Complied with SB 505-32-0013 Rev 01; Landing Gear -Replacement of the Brake assembly due to cracks past limits. OFF L/H brake assy P/N DAP00097-02 S/N 5059MJ ON L/H brake assy P/N DAP00097-03 S/N 5019KK OFF R/H brake assy P/N DAP00097-02 S/N 5058MJ ON R/H brake assy P/N DAP00097-03 S/N 5072LC Ref EEJS WP-F2613/ Seq 2/01
 - 7 Complied with SB 505-71-0006 Part II Inspection of left and right engine inlets. No defects noted. IAW accomplishment instructions of SB 505-71-0006. R/H part # 505-36930, S/N 043 L/H 505-36920-409 S/N 041
- Note: Inspection interval to be accomplished next 100 FH until final action therefore next insp due at 288 FH. Ref EEJS WP-F2613/ Seq 4401

Complied with the following Maintenance

- 8 Performed aircraft tires pressure check, found nose and mains within limits IAW Phenom 300 AMM 12-14-00. Checked engine oils no service need. IAW Phenom 300 and Pratt & Whitney EMM 72-00-00. Checked oxygen system, no service required IAW Phenom 300 AMM 12-16-00. Checked hydraulic fluid and accumulator service. No servicing required. IAW 12-13-00. Ref EEJS WP-F2613/ Seq 1911

TRANSPORT	Per no 30c Set
TOTAL	



AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: 50500167



DATE

FLIGHT TIME

Hours / Min



EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB31766

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg: N713WD Acft SN: 50500167 CMB-505 Acft TAT: 198.0 Acft TAC: 90 5/12/2014 Page 1 of 2

Complied with the following ADs

- 1 AD 2013-22-20 (L/H) GV1 and rework of stator press. Plate, N/A due brake assy replacement upgrade. Refer to seq 2701 of this W/P. No further action required at this time. Ref EEJS WP-F2613/ Seq 3102
- 2 AD 2013-22-20 (R/H) GV1 and rework of stator press. Plate/N/A due brake assy. Replacement upgrade, refer to seq. 2701 of this W/P. No further action required at this time. Ref EEJS WP-F2613/ Seq 3101

Complied with the following Service Bulletins

- 3 Complied with SB 505-45-0002 Central Maintenance System - G3000 - - Installation of Central Maintenance Computer (CMC) Load v2.01a Software Upload Ref EEJS WP-F2613/ Seq 4202
- 4 Complied with SB 505-23-0006 Part II - Communications G3000 - Installation of the CPDLC (Controller-To-Pilot Data Link Communication)
Note: Superseded Weight and Balance Chart C as required, due Added Weight Per above SB Ref EEJS WP-F2613/ Seq 4201
- 5 Complied with SB 505-32-0011 Rev1 Landing Gear - Precautionary Inspection in the Carbon Discs of the Main Landing Gear Brake Ref EEJS WP-F2613/ Seq 4801
- 6 Complied with SB 505-32-0013 Rev 01, Landing Gear -Replacement of the Brake assembly due to cracks past limits.
OFF L/H brake assy P/N DAP00097-02 S/N 5059MJ
ON L/H brake assy P/N DAP00097-03 S/N 5019KK
OFF R/H brake assy P/N DAP00097-02 S/N 5058MJ
ON R/H brake assy P/N DAP00097-03 S/N 5072LC Ref EEJS WP-F2613/ Seq 2701
- 7 Complied with SB 505-71-0006 Part II inspection of left and right engine inlets. No defects noted. IAW accomplishment instructions of SB 505-71-0006. R/H part # 505-36930, S/N 043. L/H 505-36920-409 S/N 041
Note: Inspection interval to be accomplished next 100 FH until final action therefore next insp due at 288 FH. Ref EEJS WP-F2613/ Seq 4401

Complied with the following Maintenance

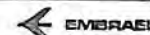
- 8 Performed aircraft tires pressure check, found nose and mains within limits IAW Phenom 300 AMM 12-14-00. Checked engine oils no service need. IAW Phenom 300 and Pratt & Whitney EMM 72-00-00. Checked oxygen system, no service required IAW Phenom 300 AMM 12-16-00. Checked hydraulic fluid and accumulator service. No servicing required. IAW 12-13-00. Ref EEJS WP-F2613/ Seq 1911

TRANSPORT

TOTAL

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AIRCRAFT SERIAL NUMBER: 50500167

**EMBRAER**

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg: N713WD Acft SN: 50500167 EMB-505 Acft TAT: 188.0 Acft TAC: 90 6/12/2014 Page 2 of 2

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F2613 Dated: 6/12/2014

Signed For Embraer Executive Jet Services, LLC By:

[Signature]



Employee Number: 12150

FAA CRS# 1MB3176B

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

[illegible]

AIRCRAFT LOG BOOK

FLIGHT HOURS REGISTRATION / MAINTENANCE GENERAL SERVICE DATA

AIRCRAFT SERIAL NUMBER: 50500167



DATE	FLIGHT TIME	TOTAL TIME	LANDING NR.		FROM	TO	INSTALLATIONS, REMOVALS, PERIODIC AND SPECIAL INSPECTIONS	SIGNATURE	LICENCE NUMBER
	Hours / Min	Hours / Min	Part.	Tot.					



EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB3176B

Log Book Insert 276 S.W. 34th Street, Ft. Lauderdale, FL 33315

Acft Reg N713WD Acft SN: 50500167 EMB-505 Acft TAT: 120.7 Acft TAC: 66 3/20/2014 Page 1 of 1

Complied with the following Service Bulletins

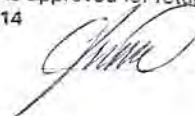
- 1 Complied with SB 505-31-0008 Indicating/Recording Systems - Installation of G3000 Load 4.42 Avionics Software, CMC Load 1.0 and Default Pilot Profile Files Ref EEJS WP-F2377/ Seq 4202
- 2 Complied with SB 505-32-0012 - Landing Gear - Main Landing Gear Locking Actuator Inspection Ref EEJS WP-F2377/ Seq 4101
- 3 Complied with SB 505-71-0006 Power plant - Repetitive Inspection on the Engine Air Inlet
Next inspection due 170.7 aircraft total FH Ref EEJS WP-F2377/ Seq 4401
- 4 Complied with SB 505-45-0001 Central Maintenance System - G3000 - Installation of Central Maintenance Computer (CMC) Load v2.0 Software Upload Ref EEJS WP-F2377/ Seq 4201

Complied with the following Maintenance

- 5 Performed 24-36-01-001 Functional Check of the AFT Main Battery
Note: Next functional capacity check of AFT main battery due at interval of 300 FH or 6 months whichever occurs first equaling to 420.7 FH or in Sept 2014
OFF AFT main battery P/N 7638-36 S/N G02781285
ON AFT main battery P/N 7638-36 S/N G02781285 Ref EEJS WP-F2377/ Seq 1301
- 6 Performed 24-36-01-001 Functional Check of the FWD Main Battery.
Note: See Seq. 2201 for additional details (FWD main battery P/N 7639-34 S/N G02781311) Ref EEJS WP-F2377/ Seq 1101
- 7 Performed LH and RH engine compressor wash IAW P-300 AMM 71-00-00 Ref EEJS WP-F2377/ Seq 2401
- 8 Performed replacement of No. 1 main battery, using a new battery IAW P-300 AMM 24-36-01
OFF # 1 main ship battery P/N 7639-34 S/N G02781311
ON # 1 main ship battery P/N 7639-34 S/N G02809187 (new) Ref EEJS WP-F2377/ Seq 2201

Note:

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order F2377 Dated: 3/20/2014

Signed For Embraer Executive Jet Services, LLC By: 



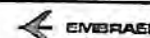
Employee Number: 12150
FAA CRS# 1MB3176B

TRANSPORT

TOTAL

AIRCRAFT LOG BOOK

AIRCRAFT SERIAL NUMBER: 50500167

[illegible]



LOG BOOK RECORD
Embraer Executive Jet Services, LLC
41 Perimeter Road, Windsor Locks,
CT. 06096 CRS 1MBD176B

Phone: 860-804-4553

Fax: 860-627-0532

Aircraft N713WD
S/N 50500167
AFTT hrs. 45.6
Landings 25

Left Eng. S/n *n/a*
ETT Cycles
Right Eng. S/n *n/a*
ETT Cycles

Non-routine Maintenance Accomplished:

Seq# 2201: Customer reports VIP seat will not swivel. Removed seatpan upholstery assy IAW Goodrich CMM 25-25-76 para 2 A (1) of Disassembly procedure. Found swivel cable broken. Customer elected to MEL seat IAW Phenom 300 MEL 3-25 chpt. 25-21-00 #21-01. Reinstalled seatpan upholstery assy IAW Goodrich CMM 25-25-76 para 2 H (10) of assembly procedure.

Seq# 2801: Customer reports main entrance door is sticking and hard to unlatch. Found lower four main door lock pins contacting bushings. Adjusted lower four eccentric bushings as required IAW Phenom 300 AMM 52-10-00-820-803-A, steps 8c through 8e and figure 204.

END

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND WITH RESPECT TO THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE MAINTENANCE ARE ON FILE AT THIS REPAIR STATION UNDER WORK PACKAGE NO. **B708** DATED: Dec 7, 2013. SIGNED *Michael J. Miller* FOR EMBRAER EXECUTIVE JET SERVICES, LLC, 41 PERIMETER ROAD, WINDSOR LOCKS, CT. 06096 REPAIR STATION 1MBD176B



AIRCRAFT LOG BOOK
GENERAL SERVICE DATA

PHENOM 300[®]
BY EMBRAER

AIRCRAFT SERIAL NUMBER : **50500167**

IN COMPLIANCE WITH FAR's 91.217, 91.411 and 91.413 THE ALTIMETER SYSTEM,
STATIC PRESSURE SYSTEM AND TRANSPONDER WERE TESTED AND
ADJUSTED ACCORDING TO PROCEDURES INDICATED ON FAR 43 APPENDIX E AND F.

THE ALTIMETER SYSTEM WAS ADJUSTED TO ALTITUDE OF 45 THOUSAND FEET IN:

IESI:	P/N : C16786DA01	S/N : C16786005129	DATE :	Sep-13
IASP:	P/N : 2015L-2A	S/N : 0504	DATE :	Sep-13
IASP:	P/N : 2015L-2A	S/N : 0505	DATE :	Sep-13
STATIC PITOT:	P/N : 0856UT4	S/N : 281580	DATE :	Sep-13

THE TRANSPONDER SYSTEM WAS TESTED AND INSPECTED IN :

XPDR 1:	P/N : 7510700-951	S/N : RCE01633	DATE :	Sep-13
XPDR 2:	P/N : 7510700-951	S/N : RCE01637	DATE :	Sep-13

By: _____



November 6, 2013

PHENOM 300[®]

BY EMBRAER

AIRCRAFT LOG BOOK

I. AIRCRAFT:

MANUFACTURER	EMBRAER
TYPE	EMB-505
MODEL	EMB-505
SERIAL NUMBER	50500167
MANUFACTURING DATE	November 14, 2013

II.

LEFT ENGINE:	
MANUFACTURER	Pratt & Whitney Canada
MODEL	PW535E
SERIAL NUMBER	PCE-DG0338
DATE OF INSTALLATION	September 5, 2013

III.

RIGHT ENGINE:

MANUFACTURER	Pratt & Whitney Canada
MODEL	PW535E
SERIAL NUMBER	PCE-DG0339
DATE OF INSTALLATION	September 17, 2013