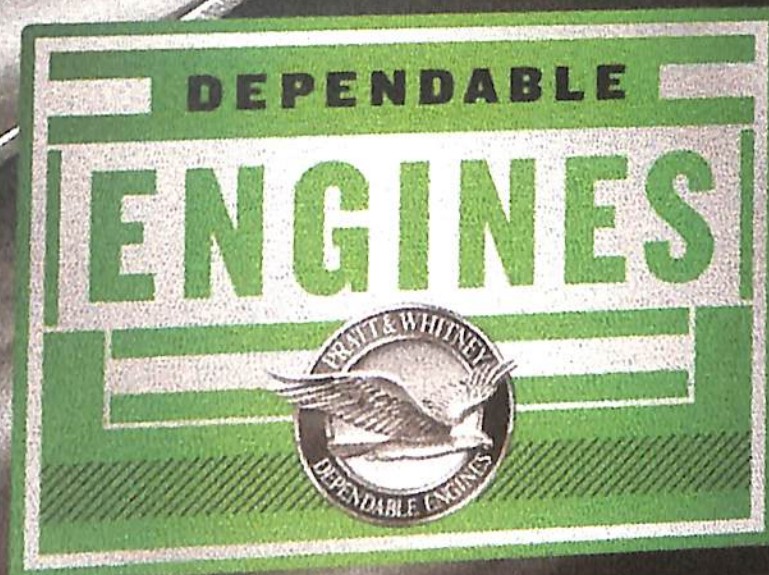




ENGINE

TECH

LOG

PCE-DG0338



Pratt & Whitney Canada

A United Technologies Company

WWW.PWC.CA

DUNCAN
AVIATION

PREVIOUS	T.S.N.:
STARTS:	T.S.O.:
DATE:	T.S.N.:
STARTS:	T.S.O.:
DATE:	T.S.N.:
STARTS:	T.S.O.:
DATE:	T.S.N.:
STARTS:	T.S.O.:
DATE:	T.S.N.:
STARTS:	T.S.O.:
DATE:	T.S.N.:
STARTS:	T.S.O.:

Reg. #:	N16DF	Date:	January 25, 2022	Work Order:	L0BHA
Make:	PRATT & WHITNEY	Model:	PW535E		
#1 Eng S/N:	PCE-DG0338	#1 Eng TSN:	2121.9	#1 Eng CSN:	1220

Performed the following manufacturer's maintenance items in accordance with Pratt & Whitney PW535E Maintenance Manual Revision 22:

- **Scheduled Maintenance Checks (05-20-00):**
 - **73-10-05-400-801:** 800 HR Discard The Fuel Filter (73-10-05-960-801)
 - Installed new fuel filter P/N 3052624-01 NSN (731005)
 - **79-20-01-400-801:** 800 HR Discard The Oil Filter (79-20-01-960-801)
 - Installed new Oil Filter P/N 3052590-01 NSN (790000)

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

Signed:

Duncan RII 287

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

This aircraft/engine/APU has been inspected and/or maintenance performed in accordance with the approved manufactures recommended inspection program under 14 CFR 91.409(f)(3) and is approved for return to service with respect to the work accomplished. A detailed record is on file under work order **LOBHA**.

Signed:

Duncan RII 287

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

N16DF

January 25, 2022

Page 1 of 1

Page:

LIC. # OR
STAMP

ENGINE INSPECTION / MAINTENANCE RECORD

Page 1 of 1

AIRCRAFT/MODEL / S/N : PHENOM 300 S/N: 505 00167
ENGINE MODEL : PW535E Engine S/N: PCE-DG0338
ENGINE TIMES : TSN: 1,988.6 CSN: 1,157

REG. NO.: **N16DF**
WORK ORDER: **10924**
LOCATION: **Left**

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

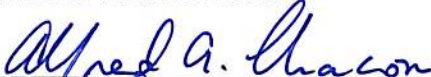
Sqwk #	TASK/EMM	Description
5.2	051254	No. 1 Engine - 800 Hours/ 12 Months Inspection
5.4	71-00-00-760-823	No. 1 Engine - Clearing TLD (Time Limited Dispatch)
5.5	72-00-02-810-801	No. 1 Engine - Check Electronic Engine Control (EEC) Fault Isolation
5.1	73-10-05-212-801	No. 1 Engine - General Visual Inspection (GVI) of the Fuel Filter Element
5.6	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) FTM 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

ENGINE INSPECTION / MAINTENANCE RECORD

Page 1 of 1

AIRCRAFT/MODEL / S/N Embraer Phenom 300

S/N: 50500167

REG. NO. : N16DF

ENGINE / MODEL: PW535E

S/N: PCE-DG0338

WORK ORDER : 8818

ENGINE TIMES: TSN: 1,832.6

CSN: 1,049

LOCATION : Left

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

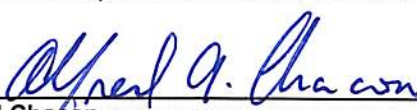
<u>Sqwk #</u>	<u>Task/MM</u>	<u>Description</u>
5.1	051254	No. 1 Engine 600 HOURS/ 12 Months Inspection
5.1	05-20-00	No. 1 Engine - Operational & Leak Checks
5.3	71-00-00-760-823	No. 1 Engine - Clearing TLD (Time Limited Dispatch)
5.4	72-00-02-810-801	No. 1 Engine - Check Electronic Engine Control (EEC) Fault Isolation
5.5	73-10-05-212-801	No. 1 Engine - General Visual Inspection of the Fuel Filter Element

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

Aircraft Model / S/N	: EMBRAER PHENOM 300	S/N: 505 00167	Reg. No.	: <u>N16DF</u>
Engine Model / S/N	: <u>PW535E</u>	S/N: <u>PCE-DG-0338</u>	Work Order No.	: <u>6920</u>
Engine Times	: TSN: 1,612.9	CSN: 883	ENGINE POSITION	: <u>Left</u>

The Following **MAINTENANCE/INSPECTIONS** were accomplished

<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1.15	72-00-02-810-801	No. 1 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
1.35	71-00-00-760-823	No. 1 Engine - Clearing TLD
1.51	77-20-02-750-801	No. 1 Engine - T6 Temperature Indicating System - Operational Check

The following **SERVICE BULLETINS** were accomplished.

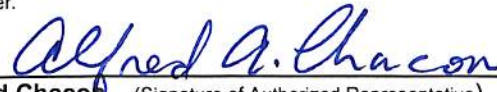
<u>Sqwk#</u>	<u>Task/MM</u>	<u>Description</u>
1.18	<u>SB 505-73-0002/01</u>	<u>PART I</u> - Engine Fuel and Control - Engine Fuel Pressure Tube Replacement - Complied with in accordance with Pratt & Whitney SB PW500-72-30524 R03 .
1.19	<u>SB 505-73-0002/01</u>	<u>PART II</u> - Engine Fuel and Control - 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
1.22	<u>SB PW500-72-30524 R03</u>	No. 1 Engine - Replacement of FMU to Flowmeter Fuel Pressure Tube [P/N OFF 3073363-01, P/N ON 3126971-01, S/N OFF/ON NSN (NEW)] 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
1.26	<u>SB PW500-72-30530</u>	No. 1 Engine - Replacement of Adapter for The Flowmeter Fuel Pressure Tube [P/N OFF 3127299-01, P/N ON 3127462-01 (NEW)] Embraer (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2002034330 Dated 14/Feb/2018 [P/N OFF/ON AS3209-012 (NEW)] Embraer (ANAC Authorization No. 2013C09-04) Airworthiness Approval Tag Form 1 SEGVOO 003 FTN 2001872314 Dated 13/Sep/2017

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

ENGINE MAINTENANCE RECORD



F.A.A. CRS YRRR491L
2988 W. Walnut Hill Lane
DFW Airport TX 75261



CUSTOMER: Constant Mesa **MODEL:** PW535E **S/N:** PCE-DG0338 **DATE:** May 17, 2018
Engine: TSN: 1273.48 **CSN:** 665 **Registration:** N713WD **ACTT:** 1273.48 **ACTL:** 641

Gained access as required to obtain photos of the following components via boroscope: LP fan, LP Boost stage, HPC stage 1 and 2, HPC impeller, combustion liner, HPT Nozzle guide vanes, HPT 1 blades, LPT 2 trailing edge. A boroscope report was generated and provided for customer review. Closed all accessed areas. No un airworthy defects noted at this time with respect to the work performed.

All work accomplished with reference to the PWC PW535E MM 3072702 REV.14 DATED 09/11/17 and other data and methods acceptable to the administrator.

This certifies that the work requested by the customer and described on the sales order listed below was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station. Sales Order No.: FLD03038

Signed: _____

Justin "Cole" Reed

STARTS:

T.S.O.:

C.S.O.:

Page:



Engine Log Entry

Date	Registration Number	Serial Number	TAT	TAC
17 MAY 2018	N713WD	50500167	1273.48	641
Position	Model/Part Number	Serial Number	ETT	ENC
L/H	PW525E	PCE-DG0338	1273.48	665

ACCOMPLISHED THE FOLLOWING:

- **NO.1 ENGINE PRE-BUY BOROSCOPE:** Borescope completed by Dallas Airmotive under CRS YRRR491L. Sales order FLD03038 for work performed. Installed Engine NO. 1 cowling referencing Phenom 300 AMM 71-00-11-400-801-A & AMM 71-00-12-400-801-A.

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 IWA-233.

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

ENGINE MAINTENANCE RECORD

Engine Serial No.:

PREVIOUS	T.S.N.:	C.S.N.:		
STARTS:	T.S.O.:	C.S.O.:		
			Maintenance	SIGN
			LIC. # OR STAMP	
DATE:	T.S.N.:	N713WD PHENOM 300 S/N: 50500167 TT: <u>1252.0</u> LDGS: <u>630</u> W/O: 15156 03/26/2018 LEFT ENGINE P&W 535E S/N: DG0338 TT: <u>1236.8</u> CYC: <u>654</u> 1. Complied with engine wash. Work performed in reference to P&W 535E LMM chap. 71-00-00. MAINTENANCE WAS PERFORMED UNDER THE PROVISIONS OF 14CFR Part 91.409(f)(3) AND THE PHENOM 300 AMM UNDER THE PROVISIONS OF FAR 91.409(f)(3) AND THE PHENOM 300 AMM Rev. 52 DATED FEB. 19/18 MAINT. MAN. AND P&W 535E LMM REV 14, DATED: SEP. 11, 2017, 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. DETAILS ARE ON FILE UNDER W/O: 15156.		
STARTS:	T.S.O.:			
DATE:	T.S.N.:	FOR MILLION AIR - HOUSTON CRS# LJCR092G		
STARTS:	T.S.O.:			
DATE:	T.S.N.:	MILLION AIR®		
STARTS:	T.S.O.:			
DATE:	T.S.N.:	C.S.N.:		
STARTS:	T.S.O.:	C.S.O.:		
DATE:	T.S.N.:	C.S.N.:		
STARTS:	T.S.O.:	C.S.O.:		

Page:

ENGINELOG 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

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.

ENGINE MAINTENANCE RECORD

Engine Serial No.:

PREVIOUS	T.S.N.:	C.S.N.:
STARTS:	T.S.O.:	C.S.O.:

Maintenance

SIGN

LIC. # OR
STAMP

DATE:	T.S.N.:	C.S.N.:
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N713WD PHENOM 300 S/N: 50500167 TT: N/A LDGS: N/A W/O: 14471 06/05/2017

STARTS:	T.S.O.:	C.S.O.:
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1. The L/H engine fuel bypass CAS message. Troubleshoot and found the fuel filter dirty. Removed old fuel filter P/N: 3052624-01 S/N: US00017524 and installed new fuel filter element P/N: 3052624-01 S/N: US00010596. Performed engine run operational and leak checks. All checks good. Work performed in reference to Phenom 300 EMM 73-10-05.

DATE:	T.S.N.:	C.S.N.:
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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 ITEM # 1. DETAILS ARE ON FILE UNDER W/O: 14471.

STARTS:	T.S.O.:	C.S.O.:
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DATE:	T.S.N.:	C.S.N.:
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MILLION AIR[®]

FOR MILLION AIR HOUSTON CRS# LJC80826

STARTS:	T.S.O.:	C.S.O.:
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DATE:	T.S.N.:	C.S.N.:
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STARTS:	T.S.O.:	C.S.O.:
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DATE:	T.S.N.:	C.S.N.:
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STARTS:	T.S.O.:	C.S.O.:
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Page:

ENGINE MAINTENANCE RECORD

PREVIOUS	T.S.N.:	C.S.N.:
STARTS:	T.S.O.:	C.S.O.:

Engine Serial No.:

	Maintenance	SIGN	LIC. # OR STAMP
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DATE

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DATE

STAF



Embraer Executive Jet Services, LLC CRS# 1MB3176B

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 2 of 2
- 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

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:

[Signature]

Employee Number:

14028

ENGINE MAINTENANCE RECORD

PREVIOUS	T.S.N.:	C.S.N.:
STARTS:	T.S.O.:	C.S.O.:

Engine Serial No.:	
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	Maintenance	SIGN	LIC. # OR STAMP
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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

Eng SN: PCE-DG0338 PWC535E Eng TT: 862.2 Eng TC: 431 12/6/2016 Page 1 of 2

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

Engine Serial No.:

Addendum

N713WD PHENOM 300 S/N: 50500167 TT: 793.5 LDGS: N/A W/O: 13802 09/15/2016
LEFT ENGINE P&W 535E S/N: DG0338 TT: 793.5 CYC: N/A

1. Complied with Service Bulletin **SB 30519R1**. Removed ignition leads from engine as follows: Outboard P/N: 3073141-01A S/N: NNA14190035 and Inboard P/N: 3073141-02A S/N: NNA13230505. Installed new ignition leads Outboard P/N: 3127408-01 S/N: NNA16300314 and Inboard P/N: 3127408-02, S/N: NNA16280037. Work performed in reference to Pratt And Whitney 535E Service Bulletin SB 30519 R1 dated: Jun. 16/2015 and LMM chap. 74-20-01-400-801. Operational check satisfactory.

THE MAINTENANCE WAS PERFORMED I/AW THE INSTRUCTIONS AND PROCEDURES FOR ITEMS SELECTED BY THE OWNER / OPERATOR UNDER THE PROVISIONS OF FAR 91.409(f)(3) AND THE PHENOM 300 AMM REV. 42 DATED AUG. 22, 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 ITEM # 1. DETAILS ARE ON FILE UNDER W/O: 13802.

FOR MILLION AIR - HOUSTON CRS# LJCR092G



N713WD PHENOM 300 S/N: 50500167 TT: 814.0 LDGS: 412 W/O: 13878 10/12/2016
LEFT ENGINE P&W 535E S/N: DG0338 TT: 814.0 CYC: 412

1. Serviced left engine with 1 quart of Mobil Jet II oil as needed.

THE MAINTENANCE WAS PERFORMED IN REFERENCE TO THE INSTRUCTIONS AND PROCEDURES FOR ITEMS SELECTED BY THE OWNER / OPERATOR UNDER THE PROVISIONS OF FAR 91.409(f)(3) AND THE PHENOM 300 AMM REV. 42 DATED AUG. 22, 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 ITEM # 1. DETAILS ARE ON FILE UNDER W/O: 13878.

FOR MILLION AIR - HOUSTON CRS# LJCR092G



ENGINE MAINTENANCE RECORD

Engine Serial No.:

PREVIOUS	T.S.N.:	C.S.N.:
STARTS:	T.S.O.:	C.S.O.:

Maintenance

SIGN

LIC. # OR
STAMP

DATE:



Embraer Executive Jet Services, LLC CRS# 1MB3176

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

STARTS:

Acraft Reg: N713WD

DATE:

Eng SN PCE-DG0339 PWC535E Eng TT: 625.9 Eng TC: 328 12/18/2015 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 F4141 Dated: 12/18/2015

STARTS:

Signed For Embraer Executive Jet Services, LLC By:

[Signature]

Employee Number: 16035

DATE:

T.S.N.:	C.S.N.:		
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STARTS:

N713WD PHENOM 300 S/N: 50500167 TT: 694.9 LDGS: 349 W/O: 13374 04/06/2016
LEFT ENGINE P&W 535E S/N: DG0338 TT: 694.9 CYC: 349

DATE:

1. Complied with engine desalination wash. Work performed in reference to P&W 535E LMM chap. 71-00-00.

STARTS:

THIS INSPECTION WAS PERFORMED I/AW THE INSTRUCTIONS AND PROCEDURES FOR INSPECTION ITEMS SELECTED BY THE OWNER / OPERATOR UNDER THE PROVISIONS OF FAR 91.409(f)(3) AND THE PHENOM 300 AMM Rev. 39 DATED FEB. 19/16 MAINT. MAN. AND P&W 535E LMM REV 10, DATED: NOV. 02, 2015, 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. DETAILS ARE ON FILE UNDER W/O: 13374.

DATE:

STARTS:



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ENGINE MAINTENANCE RECORD

PREVIOUS	T.S.N.:	C.S.N.:
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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-DG0339 PWC535E Eng TT: 625.9 Eng TC: 328 12/18/2015 Page 2 of 3
- 17 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
 - 18 Performed Phenom 300 EMM Task 72-00-02-810-801 Interrogate Time Limited Dispatch (TLD) Faults. Ref EEJS WP-F4141/ Seq 1231
 - 19 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
 - 20 Performed Phenom 300 EMM Task 73-10-05-212-801 Inspect the L/H Engine Fuel Filter. Ref EEJS WP-F4141/ Seq 1405
 - 21 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
 - 22 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
 - 23 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
 - 24 Performed Phenom 300 EMM Task 74-10-01-212-801 General Visual Inspection of the LH Ignition Exciter. Ref EEJS WP-F4141/ Seq 1431
 - 25 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
 - 26 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
 - 27 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
 - 28 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
 - 29 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
 - 30 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
- Complied with the following Maintenance**
- 31 Performed Phenom 300 EMM Task 71-00-00-160-805 LH and RH engine compressor wash. Ref EEJS WP-F4141/ Seq 1455

ENGINE MAINTENANCE RECORD

Engine Serial No.:

PREVIOUS	T.S.N.:	C.S.N.:
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STARTS:

Acraft Reg: N713WD

DATE:

Eng SN PCE-DG0339

PWC535E

Eng TT: 625.9

Eng TC: 328

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Complied with the following Inspections

1. 1. Performed Phenom 300, PWC 12 Month Inspection for L/H Engine. Ref EEJS WP-F4141/ Seq 1006
2. 1. Performed Phenom 300, PWC 600 Flight Hour Inspection for L/H Engine. Ref EEJS WP-F4141/ Seq 1009
3. 1. Performed Phenom 300, PWC 600FH/12 Month Inspection for L/H Engine. Ref EEJS WP-F4141/ Seq 1008
4. Performed Phenom 300 AMM Task 24-31-01-002 Detailed Inspection of L/H Starter Generator Brushes. Ref EEJS WP-F4141/ Seq 1401
5. Performed Phenom 300 EMM Task 71-00-00-760-823 Do TLD Clearing Procedure for L/H Engine. Ref EEJS WP-F4141/ Seq 1447
6. 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
7. 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
8. Performed Phenom 300 EMM Task 72-00-00-212-803 General Visual Inspection of the LH Bypass Duct. Ref EEJS WP-F4141/ Seq 1421
9. 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
10. 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
11. 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
12. 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
13. 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
14. 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
15. 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
16. 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

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ENGINE MAINTENANCE RECORD

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Embraer Executive Jet Services, LLC CRS# 1MB3176

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Eng SN PCE-DG0338 PWC535E Eng TT 329.1 Eng TC: 161

- 21 Performed 74-10-01-212-801 General Visual Inspection of the LH Ignition Exciter Ref EEJS WP-F2777/ Seq 1436
- 22 Performed 74-20-01-212-801 General Visual Inspection of the LH Engine Ignition Cables Ref EEJS WP-F2777/ Seq 1436
- 23 Performed 75-30-01-212-801 General Visual Inspection of the LH BOV assy and BOV servo valve Ref EEJS WP-F2777/ Seq 1440
- 24 Performed 79-30-01-770-801 Do an Operational Check of the LH Chip Detector Ref EEJS WP-F2777/ Seq 1442
- 25 Performed 79-30-02-210-801 Detailed Inspection the LH Engine Oil Filter Impending Bypass Switch Ref EEJS WP-F2777/ Seq 1444

Complied with the following Maintenance

- 26 Performed LH and RH engine compressor desalination wash IAW P-300 EMM 71-00-00 Ref EEJS WP-F2777/ Seq 2401

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 F2777 Dated: 11/20/2014

Signed For Embraer Executive Jet Services, LLC By:



Employee Number: 12150

ENGINE MAINTENANCE RECORD

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Embraer Executive Jet Services, LLC CRS# 1MB3176

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Acft Reg: N713WD

Eng SN PCE-DG0338 PWC535E

Eng TT 329.1

Eng TC: 161

FL 01 NOV 20 2014 Page 1 of 2

Complied with the following inspections

- 1 1. Complied with PWC 12 Month Inspection for L/H Engine IAW P-300 EMM Section 5 Ref EEJS WP-F2777/ Seq 1003
- 2 1. Complied with PWC 600FH/12 Month Inspection for L/H Engine IAW P-300 EMM Section 5 Ref EEJS WP-F2777/ Seq 1005
- 3 Performed 72-00-00-212-803 General Visual Inspection of the LH Bypass Duct Ref EEJS WP-F2777/ Seq 1410
- 4 Performed 71-00-00-760-823 Do TLD Clearing Procedure for L/H Engine Ref EEJS WP-F2777/ Seq 1404
- 5 Performed 72-00-00-212-801 General Visual Inspection of the LH Engine Inlet Area Ref EEJS WP-F2777/ Seq 1406
- 6 Performed 72-00-00-212-802 General Visual Inspection of the LH Intermediate Case & AGB Ref EEJS WP-F2777/ Seq 1408
- 7 Performed 72-00-00-212-804 General Visual Inspection of the LH Turbine Exhaust Case Ref EEJS WP-F2777/ Seq 1412
- 8 Performed 72-00-00-212-805 General Visual Inspection of the LH Fuel Distribution System Ref EEJS WP-F2777/ Seq 1414
- 9 Performed 72-00-00-212-806 General Visual Inspection of the LH Oil Distribution System Ref EEJS WP-F2777/ Seq 1416
- 10 Performed 72-00-00-212-807 General Visual Inspection of the LH LP Compressor Inlet Components Ref EEJS WP-F2777/ Seq 1418
- 11 Performed 72-00-00-212-808 General Visual Inspection of the LH Engine T6 Temperature Indicating System Ref EEJS WP-F2777/ Seq 1420
- 12 Performed 72-00-00-212-809 Special Detailed Inspection of the LH Fan Exit Vane (retaining) Clamp Ref EEJS WP-F2777/ Seq 1422
- 13 Performed 72-00-00-280-819 Special Detailed Inspection of the LH Emergency Fuel Shutoff Valve Lever Assembly Ref EEJS WP-F2777/ Seq 1424
- 14 Performed 72-00-00-280-820 Special Detailed Inspection of the LH Fan Exit Vanes Ref EEJS WP-F2777/ Seq 1426
- 15 Performed 72-00-00-640-802 General Visual Inspection of the LH Engine Oil Level Ref EEJS WP-F2777/ Seq 1428
- 16 Performed 72-00-02-810-801 Interrogate Time Limited Dispatch (TLD) Faults IAW EMM Task 72-00-00-280-801-A Engine Maintenance Page - Visual Check Ref EEJS WP-F2777/ Seq 1205
- 17 Performed 73-10-05-212-801 Inspect the L/H Engine Fuel Filter, No defects noted Ref EEJS WP-F2777/ Seq 1402
- 18 Performed 73-10-07-212-801 General Visual Inspection of the LH Engine FSOV Cable Ref EEJS WP-F2777/ Seq 1430
- 19 Performed 73-20-02-212-801 General Visual Inspection of the LH Engine Wiring Harness Ref EEJS WP-F2777/ Seq 1432
- 20 Performed 73-30-02-212-801 General Visual Inspection of the LH Fuel Pressure Transducer Sensor Ref EEJS WP-F2777/ Seq 1434

ENGINE MAINTENANCE RECORD

PREVIOUS	T.S.N.:	C.S.N.:
STARTS:	T.S.O.:	C.S.O.:

Engine Serial No.:	
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All Around Aviation
12888 Hwy 6 South, Suite 116
Sugar Land, TX 77498

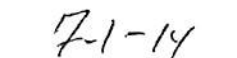
Customer: Winds Away 07 LLC Model Phenom 300
Tail: N713WD SN: 50500167 Acft Hrs: 208.0 Cycles: 103 Date: 07-01-2014
Eng #1: PW535E SN: PCE-DG0338 HRS: 208 CYCLES: 103

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.

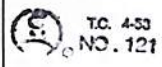

(Scott C. Welch)


Cert. #A&P 3201534

ENGINE MAINTENANCE RECORD

PREVIOUS	T.S.N.: 0	C.S.N.: 0
STARTS: 0	T.S.O.: N/A	C.S.O.: N/A

Engine Serial No.: PCE-DG0338

Maintenance			SIGN	LIC. # OR STAMP
DATE: 26 JUL 2013	T.S.N.: 0	C.S.N.: 0	 D. LATENDRESSE	
STARTS: 0	T.S.O.: N/A	C.S.O.: N/A		
New engine final acceptance test and inhibiting run completed satisfactorily. The Electronic Engine Control P/N 3073593-08 is not included with this engine. This engine will be in condition for safe operation when the EEC has been installed and functional checks have been performed in accordance with approved technical data.				
DATE: SEP 05 2013	T.S.N.: 0	C.S.N.: 0	 Adriano Magalhaes	
STARTS: 0	T.S.O.: N/A	C.S.O.: N/A		
Engine model PW535E S/N PCE-DG0338 was installed on the left side of aircraft EMB-505 -S/N 50500167-TSN: 0:00 CSN: 00. Work performed in accordance with Embraer procedures in the work order 30014856. Note: Engine oil system serviced with MOBIL JET OIL II				
DATE: AUG 05 2013	T.S.N.: 0	C.S.N.: 0	 Adriano Magalhaes	
STARTS: 0	T.S.O.: N/A	C.S.O.: N/A		
FADEC P/N 3073593-08 S/N 2013040023 - TSN: 0:00 CSN: 00, was installed on the left side of the aircraft EMB-505 S/N 50500167 - TSN: 0:00 CSN:00, as part of engine S/N PCE-DG0338 configuration. Work performed in accordance with Embraer procedures in the work order 30014879.				
DATE:	T.S.			
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EMBRAER

Embraer Executive Jet Services, LLC CRS# 1MB3176B

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Acraft Reg: N713WD

Eng SN PCE-DG0338 PWC535

Eng TT 120.7

Eng TC: 66

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Complied with the following Maintenance

1 Performed LH and RH engine compressor wash IAW P-300 AMM 71-00-00 Ref EEJS WP-F2377/ Seq 2401

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

ENGINE MAINTENANCE RECORD



MAKE _____ PRATT & WHITNEY CANADA CORP.

ENGINE MODEL _____ PW535E

ENGINE SERIAL NUMBER _____ PCE-DG0338

(THIS BOOKLET IS A SUPPLEMENT TO THE APPROPRIATE ENGINE LOGBOOK.)