

1994 Boeing 747-412F

Original Factory Freighter

MSN:

DOM: Aug 04, 1994

May 31, 2019



A/C Type: 747-412F

MSN:

DOM: Aug/1994

Current Registration:

APU Model: PW901A

Engine Designation: PW4056-3



A/C Type: 747-412F

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Engine Designation: PW4056-3

Asset Specification:

Aircraft Summary	As of May 31, 2019
Model	B747-412F
Serial Number	
Date of Manufacture	Aug 04 1994
Engine Designation	PW4056-3
Aircraft TSN	96,431
Aircraft CSN	17,680

Operating Weights	Weight (kg)	Weight (lbs)
Maximum Take-Off Weight	394,625	870,000
Maximum Taxi Weight	395,986	873,000
Maximum Landing Weight	302,092	666,000
Maximum Zero Fuel Weight	288,031	635,000

Operating History:

Asset Operator	Registration	Reg Country	Start Date	End Date
EI Al Airlines	4X-ELF	Israel	Apr 27, 2010	Jul 31, 2019
Singapore Airlines	9V-SFA	Singapore	Aug 05, 1994	Mar 15, 2010

Airframe:

Model: 747-412F

Manufacturer: The Boeing Company

Check History	Date	FH	FC
D Check (Scheduled)	August 2019	TBD	TBD
C Check	May 15 2018	95,280	17,388
C Check	Aug 20 2016	92,035	16,640
C Check	Feb 11 2015	89,291	16,034
D Check	Jul 29 2013	85,219	15,150
C Check	May 15 2011	78,871	13,760

A/C Type: 747-412F
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Current Registration:
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Engine Designation: PW4056-3

Engines:

Serial No.: P727480 **Location:** 1
Model: PW4056-3 **Status:** On Aircraft
Manufacturer: Pratt & Whitney

	As of	FH	FC	Ratio	LLP Limiter
Totals Since New:	May 31, 2019	72,130	13,313	5.42	4,330

Shop Visit	Date	FH	FC	Since Last Shop Visit		
				Days	Hours	Cycles
Overhaul (Eagle Services Asia)	Aug 12, 2013	65,239	11,586	2,118	6,891	1,727

LLP Descriptor	Part Number	Serial Number	Life Limit	FC Remaining
HUB, FRONT COMPRESSOR	50B321	CBDUJU7031	20,000	6,687
DISK, DRUM ROTOR, 1.6 - 4	50B422	CBDUJU6609	20,000	6,687
TURBINE SHAFT (LPC/LPT) COUPLING	50A281	CLPXAA0313	30,000	16,687
HPC DISK, STAGE 5	56H705	CEMCAM9248	20,000	6,418
HUB, HPC FRONT	51H572	CENCAJ9187	20,000	6,418
HPC DISK, DRUM ROTOR, 6 - 12	55H106-01	CENCAY3954	20,000	7,437
HPC DISK, DRUM ROTOR, 13 - 15	54H803-002	CENCAP7350	20,000	6,418
HPC DRIVE SHAFT	54H767	CENCAN5137	20,000	6,418
HPC AIRSEAL, DIFFUSER	54H792	CENCA81496	20,000	9,891
HUB, TURBINE FRONT (STAGE 1)	52L301	CKLBB16700	20,000	6,687
AIRSEAL, HPT STAGE 1 (OUTER)	50L485	S72856	20,000	4,937
AIRSEAL, HPT STAGE 2	53L030	CKLBGW9793	15,900	9,339
AIRSEAL, HPT STAGE 1 (INNER)	50L664	CKLBD23790	16,800	6,885
HUB, TURBINE INTER. REAR (STAGE 2)	52L802	CKLBB26841	20,000	6,687
PLATE, HPT STAGE 2 BLADE RETAINING	50L242	CKLBBS4968	20,000	7,278
FRONT COMP. DRIVE TURB. (LPT) SHAFT	50A077	CLDLC08494	30,000	21,145
AIRSEAL, LPT STAGE 3 (INNER)	50N412	CLDLCC4607	20,000	11,145
AIRSEAL, LPT STAGE 3 (OUTER)	50N008	CLDLCG3165	20,000	11,145
DISK, LPT STAGE 3	50N003	CLDLCR3680	20,000	11,145
AIRSEAL, LPT STAGE 4	50N346	CLDLBP8091	15,000	4,330

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Engines:

Serial No.: P727437 **Location:** 2
Model: PW4056-3 **Status:** On Aircraft
Manufacturer: Pratt & Whitney

	As of	FH	FC	Ratio	LLP Limiter
Totals Since New	May 31, 2019	80,655	13,998	5.76	4,474

Shop Visit	Date	FH	FC	Since Last Shop Visit		
				Days	Hours	Cycles
Core Perf. Restoration (Eagle Services Asia)	Jun 24, 2016	76,253	12,957	1,071	4,402	1,041

LLP Descriptor	Part Number	Serial Number	Life Limit	FC Remaining
HUB, FRONT COMPRESSOR	53B201	CBDUBY5318	20,000	11,086
DISK, DRUM ROTOR, 1.6 - 4	50B422	CBDUAP8689	20,000	6,002
TURBINE SHAFT (LPC/LPT) COUPLING	50A281	CLPXAA0248	30,000	16,002
HPC DISK, STAGE 5	54H705-001	C205AA0155	20,000	5,880
HUB, HPC FRONT	51H572	C225AA0311	20,000	5,880
HPC DISK, DRUM ROTOR, 6 - 12	50S106-01	CLDLF3879	18,562	13,207
HPC DISK, DRUM ROTOR, 13 - 15	53H923-001	CENCAJ3425	20,000	5,880
HPC DRIVE SHAFT	50H445	CENCAH7770	20,000	5,880
HPC AIRSEAL, DIFFUSER	54H846	CENCAN6634	16,836	6,303
HUB, TURBINE FRONT (STAGE 1)	52L301	CKLBGR7047	20,000	11,102
AIRSEAL, HPT STAGE 1 (OUTER)	50L879	CKLBDY2122	18,900	7,034
AIRSEAL, HPT STAGE 2	53L030	CKLBHY9422	15,900	10,243
AIRSEAL, HPT STAGE 1 (INNER)	50L664	CKLBD23937	16,800	6,384
HUB, TURBINE INTER. REAR (STAGE 2)	52L802	CKLBGR5387	20,000	11,102
PLATE, HPT STAGE 2 BLADE RETAINING	50L242	TR4505	20,000	4,484
FRONT COMP. DRIVE TURB. (LPT) SHAFT	50A077	CLDLB20629	30,000	18,247
AIRSEAL, LPT STAGE 3 (INNER)	50N007	RY7990	20,000	4,474
AIRSEAL, LPT STAGE 3 (OUTER)	50N008	RG6149	20,000	4,474
DISK, LPT STAGE 3	50N003	R47618	20,000	4,474
AIRSEAL, LPT STAGE 4	50N009	RG6307	20,000	5,383

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Engine Designation:

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Engines:

Serial No.: P724480 Location: 3
Model: PW4056-3 Status: On Aircraft
Manufacturer: Pratt & Whitney

	As of	FH	FC	Ratio	LLP Limiter
Totals Since New	May 31, 2019	89,341	15,850	5.64	3,088

Shop Visit	Date	FH	FC	Since Last Shop Visit		
				Days	Hours	Cycles
Core Perf. Restoration (Eagle Services Asia)	Jul 23, 2016	84,948	14,812	1,042	4,393	1,038

LLP Descriptor	Part Number	Serial Number	Life Limit	FC Remaining
HUB, FRONT COMPRESSOR	50B321	S82890	20,000	3,088
DISK, DRUM ROTOR, 1.6 - 4	50B422	C100AA0113	20,000	4,392
TURBINE SHAFT (LPC/LPT) COUPLING	50A281	S72569	30,000	13,814
HPC DISK, STAGE 5	54H705-001	S13004	20,000	3,278
HUB, HPC FRONT	55H106-101	CLDLC74751	18,982	11,610
HPC DISK, DRUM ROTOR, 6 - 12	51H572	R09560	20,000	3,491
HPC DISK, DRUM ROTOR, 13 - 15	50H936-002	P34057	20,000	4,971
HPC DRIVE SHAFT	50H445	P66231	20,000	4,971
HPC AIRSEAL, DIFFUSER	54H846	CENCAN6657	18,189	3,301
HUB, TURBINE FRONT (STAGE 1)	51L201-021	R29018	18,000	3,251
AIRSEAL, HPT STAGE 1 (OUTER)	50L879	CKLBBN2607	18,900	4,335
AIRSEAL, HPT STAGE 2	53L030	CKLBD25610	15,714	6,090
AIRSEAL, HPT STAGE 1 (INNER)	50L664	CKLBJR3513	16,800	10,639
HUB, TURBINE INTER. REAR (STAGE 2)	50L902-023	S07018	20,000	5,981
PLATE, HPT STAGE 2 BLADE RET.	50L242	C342AA0157	20,000	5,353
FRONT COMP. DRIVE TURB. (LPT) SHAFT	50A077	R90208	30,000	13,742
AIRSEAL, LPT STAGE 3 (INNER)	50N412	CLDLCC4468	20,000	7,799
AIRSEAL, LPT STAGE 3 (OUTER)	50N008	T51833	20,000	4,301
DISK, LPT STAGE 3	50N003	CLDLAH0238	20,000	4,301
AIRSEAL, LPT STAGE 4	50N346	CLDLC13794	20,000	10,588

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Engine Designation:

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Engines:

Serial No.: P729128 **Location:** 4
Model: PW4056-3 **Status:** On Aircraft
Manufacturer: Pratt & Whitney

	As of	FH	FC	Ratio	LLP Limiter
Totals Since New	May 31, 2019	48,900	9,324	5.24	5,104

Shop Visit	Date	FH	FC	Since Last Shop Visit		
				Days	Hours	Cycles
Core Perf. Restoration (SR Technics)	Oct 14, 2013	40,172	7,344	2,055	8,728	1,980

LLP Descriptor	Part Number	Serial Number	Life Limit	FC Remaining
HUB, FRONT COMPRESSOR	53B021	CBDUB40918	20,000	10,676
DISK, DRUM ROTOR, 1.6 - 4	51B022-01	CBDUB37878	20,000	10,676
TURBINE SHAFT (LPC/LPT) COUPLING	50A281	CLDLC25096	30,000	20,676
HPC DISK, STAGE 5	56H605	CENCBE4784	20,000	10,676
HUB, HPC FRONT	51H572	CENCBD7588	20,000	10,676
HPC DISK, DRUM ROTOR, 6 - 12	54H816-101	CENCAR4541	17,312	7,266
HPC DISK, DRUM ROTOR, 13 - 15	58H236-01	CENCBH1615	20,000	10,676
HPC DRIVE SHAFT	54H767	CENCBF9674	20,000	10,710
HPC AIRSEAL, DIFFUSER	54H792	CENCBB5012	20,000	10,676
HUB, TURBINE FRONT (STAGE 1)	52L301	CKLBDA8767	20,000	7,476
AIRSEAL, HPT STAGE 1 (OUTER)	50L879	CKLBDY2083	18,900	7,578
AIRSEAL, HPT STAGE 2	53L030	CKLBHY9412	15,900	9,851
AIRSEAL, HPT STAGE 1 (INNER)	50L664	CKLBGP3075	16,800	7,476
HUB, TURBINE INTER. REAR (STAGE 2)	52L802	CKLBAL6919	20,000	5,104
PLATE, HPT STAGE 2 BLADE RETAINING	50L242	C342AA0423	20,000	5,340
FRONT COMP. DRIVE TURB. (LPT) SHAFT	50A077	CLDLBM7553	30,000	17,462
AIRSEAL, LPT STAGE 3 (INNER)	50N412	CLDLC04540	20,000	10,676
AIRSEAL, LPT STAGE 3 (OUTER)	50N008	CLDLCK1202	20,000	10,676
DISK, LPT STAGE 3	50N003	CLDLC27896	20,000	10,676
AIRSEAL, LPT STAGE 4	50N346	CLDLC56773	20,000	10,676

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Landing Gears:

Description	Part No.	Serial No	Last Overhaul	Next Due
Landing Gear (Nose)	162U1500-47	CP000845	Feb 7, 2016	Feb 7, 2026
Landing Gear (LH Body)	163U1500-79	BFG002535	Oct 27, 2010	Oct 27, 2020
Landing Gear (RH Body)	161U1500-96	BFG002681	Jun 11, 2012	Jun 11, 2022
Landing Gear (LH Wing)	161U1500-195	BFG002679	Jun 11, 2012	Jun 11, 2022
Landing Gear (RH Wing)	161U1500-196	BFG002680	Jun 11, 2012	Jun 11, 2022

APU:

Information to be provided

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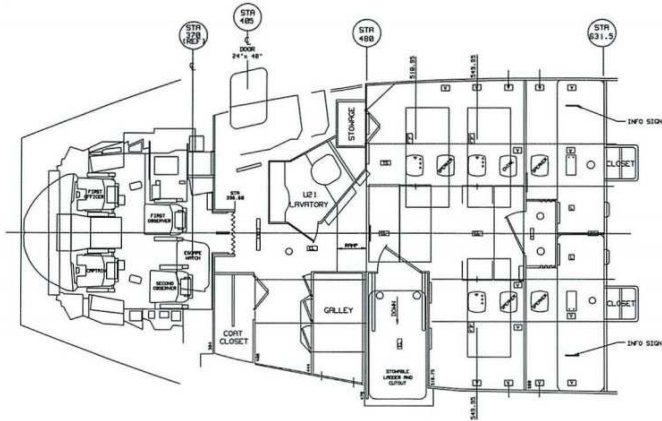
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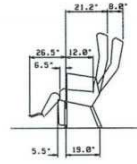
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PW4056-3

LOPA:



6 SEATING PLACES & 2 CREW REST BUNKS



RUMBOLD BUSINESS SEAT

- LEGEND**
- DECOMPRESSION VENT IN FLOOR
 - TEMPERATURE SENSOR
 - EMERGENCY LIGHT
 - READING LIGHT
 - OXYGEN STRETCHER
 - OVERHEAD LIGHT
 - PASSENGER SERVICES UNIT
 - SPENDER UNIT
 - OXHE UNIT
 - OXYGEN BOX

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Cargo Configuration:

Cargo Compartment	Useable Volume (cu ft)
Fwd	3,523
Aft	3,300
Bulk	520
Main	26,000
Total	33,343

B-747-400F

Freighter (Nose/Side Door)

Range: 4,200 nm/7,778 km.

Volume: 25,591 cu ft/724.7 cu m.

