

# BOEING B747-400 FACTORY FREIGHTER YOM 1996



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May 2010



<b>Airframe</b>			
Aircraft type	<b>B747-400F</b>	Effective Date	
Serial number		Previous Registration	
Line number	<b>N/A</b>	New Registration	<b>N</b>
Total airframe hours since new	<b>70,818</b>	Date of manufacture	<b>1996</b>
Total airframe cycles since new	<b>11,242</b>		

<b>ENGINES</b>	<b>Engine 1</b>	<b>Engine 2</b>	<b>Engine 3</b>	<b>Engine 4</b>	<b>APU</b>
Type/ model	PW4056	PW4056	PW4056	PW4056	PW901A
S/N of delivered engines/ APU	P727567	P717645C N	P727627	P727693	PCE900523
Current location (MSN)	<b>B-2427</b>	<b>B-2427</b>	<b>B-2427</b>	<b>B-2427</b>	<b>B-2427</b>
Current Type/ model	PW4056	PW4056	PW4056	PW4056	PW901A
Current Installed	<b>Engine 1</b>	<b>Engine 2</b>	<b>Engine 3</b>	<b>Engine 4</b>	<b>APU</b>
Thrust rating					
Time Since New	<b>52743</b>	<b>71480</b>	<b>57118</b>	<b>55420</b>	<b>19368</b>
Cycles Since New	<b>9455</b>	<b>10690</b>	<b>8191</b>	<b>7991</b>	<b>19969</b>
Time Since Last Shopvisit	<b>4602</b>	<b>16794</b>	<b>19619</b>	<b>19024</b>	<b>2736</b>
Cycles Since Last Shopvisit	<b>710</b>	<b>2761</b>	<b>3145</b>	<b>2812</b>	<b>2948</b>
Cycles remaining first limiter	<b>4072</b>	<b>913</b>	<b>212</b>	<b>2077</b>	<b>10031</b>
First limiter description	<b>SEAL-AIR HPC INLET</b>	<b>SEAL-AIR LPT STG5</b>	<b>SEAL-AIR LPT STG5</b>	<b>RET PLATE-H PT STG2</b>	<b>IMPELLER HIGH COMPRESSOR DISC HIGH TURBINE ROTOR DISC POWER TURBINE ROTOR</b>

<b><u>LANDING GEARS</u></b>	<b>NLG</b>	<b>LH Wing LG</b>	<b>RH Wing LG</b>	<b>LH Body LG</b>	<b>RH Body LG</b>
Part number	<b>162U100093</b>	<b>161U100093</b>	<b>163U100067</b>	<b>163U100067</b>	<b>163U100068</b>
Serial number installed	<b>BFG2121</b>	<b>BFG3055</b>	<b>BFG3051</b>	<b>BFG6076</b>	<b>BFG6071</b>
Total time since new	<b>80977</b>				
Total cycles since new	<b>9789</b>	<b>9789</b>	<b>9789</b>	<b>9789</b>	<b>9789</b>
Time since overhaul					
Cycles since overhaul	<b>5685</b>	<b>5685</b>	<b>5685</b>	<b>5685</b>	<b>5685</b>
Time between overhaul					
Last overhaul date	<b>2003/07/23</b>	<b>2003/07/23</b>	<b>2003/07/23</b>	<b>2003/07/23</b>	<b>2003/07/23</b>

<b><u>OPERATIONAL WEIGHTS</u></b>				
Date last weighting	<b>2017-01-08</b>			
Maximum Take-Off Weight	<b>396893</b>	Kg	<b>870,000</b>	Lbs
Maximum Taxi Weight	<b>398254</b>	Kg	<b>878,000</b>	Lbs
Maximum Landing Weight	<b>295742</b>	Kg	<b>652,000</b>	Lbs
Maximum Zero Fuel Weight	<b>276691</b>	Kg	<b>610,000</b>	Lbs
Basic Empty Weight		Kg	<b>355,880</b>	Lbs
Operating Empty Weight		Kg	<b>357,614</b>	Lbs

<b><u>SPECIAL OPERATION</u></b>
<u>RNAV-1, RNAV-2, RNAV-5, RNAV-10(RNP-10), Basic RNP-1, RNP-4, RNP APCH, RVSM, CPDLC,CAT II</u>
<b><u>INTERIOR CONFIGURATION</u></b>
<u>CargoConfiguration</u>

747-400 F, The crew rest area is located in upper deck, Two double-seat, total 4 seats in upper

<b><u>FUEL</u></b>	
Fuel Quantity Indication units	<b>KG</b>
Fuel Flow Indication units	<b>KG</b>
Total Fuel Capacity	<b>172741</b>
Capacity Main Tank 1 or 4	<b>14079</b>
Capacity Main Tank 2 or 3	<b>40400</b>
Capacity Reserve Tank 2 or 3	<b>4256</b>
Capacity Center Tank	<b>55271</b>

<b><u>MAINTENANCE</u></b>				
<b>A-check performed</b> <b>C-check performed</b> <b>D-checks are performed</b> <b>A-checks and line Maintenance</b> <b>C-checks are performed</b>				
Maintenance history	Date	Hours	Cycles	Location
7C	2012-12-01	70818	11242	AMECO
2D	2009-06-16	61167	9789	AMECO

deck.

Additional Equipment

ATA	Description	Qty	Manufacturer	Remark
22	Flight Control Computer	3	ROCKWELL COLILINS	622-8757-105
22	Mode Control Panel	1	ROCKWELL COLILINS	622-8780-101
23	PA Amplifier	1	BAE(V89954)	284U1100-607
23	HF Transceiver	2	ROCKWELL COLILINS	622-5272--120
23	VHF Transceiver	3	ROCKWELL COLILINS	822-0323-002
23	SELCAL Decoder	1	TEAM TELECOMMU NICATIONS ELECTRONIQ UE(VF6168)	SC2253AD01
23	ACARS Management Unit	1	HONEYWELL	965-0758-001
23	SATCOM High Power Amp	1	TIMCO	284U1386-50
31	Flight Data Recorder	1	HONEYWELL	980-4700-033
31	Flight Data Acquisition Unit	N/A		ONLY DFDAC
31	Accelerometer	1	ALLIED-SIGN AL AEROSPACE( V96774)	18-3001-3
31	EFIS System	1	ROCKWELL COLILINS	/
31	EICAS System	1	ROCKWELL COLILINS	/
31	Data Management Unit	1	HONEYWELL	965-0680-003
31	Airborne Data Loader	N/A		MAWEA
34	Air Data Computer	2	HONEYWELL	4040800-908
34	GPWS Computer	1	HONEYWELL	965-0976-003-222-222
34	Inertial Reference Unit	3	HONEYWELL	HG1050AD11

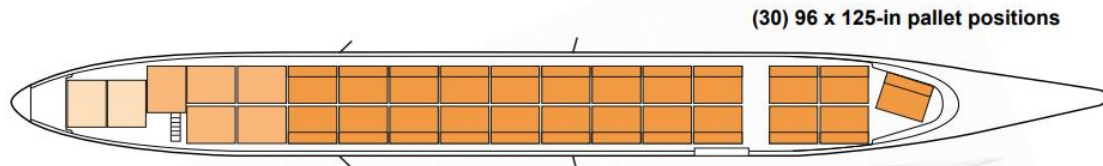
34	VHF Navigation	3	ROCKWELL COLILINS	/
34	DME	2	ROCKWELL	622-4540-122
			COLILINS	
34	Radio Altimeter	3	ROCKWELL COLILINS	622-4542-120
34	Weather Radar	2	ROCKWELL COLILINS	622-5132-633
34	TCAS Computer	1	HONEYWELL	4066010-910
34	ATC Transponder	2	HONEYWELL	7517800-1109
34	Marker Beacon Receiver	2	ROCKWELL COLILINS	822-0726-120
34	ADF Receiver	2	HONEYWELL	622-5222-120
34	Flight Management Comp	2	HONEYWELL	4052508-952
34	Multi Mode ILS Receiver	3	ROCKWELL COLILINS	822-1152-002



# 747-400 Freighter

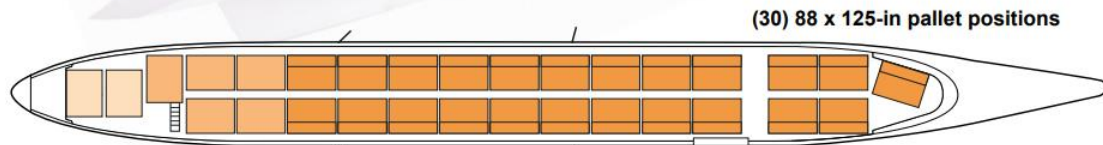
## Main deck cargo arrangements

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(2) 96 x 125-in x 8-ft contoured pallets at 15.3 m<sup>3</sup> and 17.2 m<sup>3</sup> (540 ft<sup>3</sup> and 607 ft<sup>3</sup>)  
 (5) 96 x 125-in x 8-ft pallets at 17.4 m<sup>3</sup> (613 ft<sup>3</sup>)  
 (23) 96 x 125-in x 10-ft contoured pallets at 21.2 m<sup>3</sup> (750 ft<sup>3</sup>)

**Total 607.7 m<sup>3</sup> 21,462 ft<sup>3</sup>**



(2) 88 x 125-in x 8-ft contoured pallets at 13.9 m<sup>3</sup> and 15.7 m<sup>3</sup> (493 ft<sup>3</sup> and 554 ft<sup>3</sup>)  
 (5) 88 x 125-in x 8-ft pallets at 15.9 m<sup>3</sup> (560 ft<sup>3</sup>)  
 (23) 88 x 125-in x 10-ft contoured pallets at 19.3 m<sup>3</sup> (680 ft<sup>3</sup>)

**Total 553 m<sup>3</sup> 19,487 ft<sup>3</sup>**

### 747-400F/ERF

