1996 Boeing 747-400 Freighter



|  |  |  |  |
| --- | --- | --- | --- |
| **Airframe** | | | |
| Aircraft type | **B747-400F** | Effective Date |  |
| Serial number |  | Previous Registration |  |
| Line number | **N/A** | New Registration |  |
| Total airframe hours since new | **70**,**818** | Date of manufacture | **1996/9/08** |
| Total airframe cycles since new | **11**,**242** |  |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LANDING GEARS** | **NLG** | **LH Wing LG** | **RH Wing LG** | **LH Body LG** | **RH Body LG** |
| Part number | **162U1000**  **93** | **161U100093** | **163U100067** | **163U100067** | **163U100068** |
| Serial number installed | **BFG2121** | **BFG3055** | **BFG3051** | **BFG6076** | **BFG6071** |
| Total time since new | **80977** |  |  |  |  |
| Total cycles since new | **9789** | **9789** | **9789** | **9789** | **9789** |
| Time since overhaul |  |  |  |  |  |
| Cycles since overhaul | **5685** | **5685** | **5685** | **5685** | **5685** |
| Time between overhaul |  |  |  |  |  |
| Last overhaul date | **2003/07/2**  **3** | **2003/07/23** | **2003/07/23** | **2003/07/23** | **2003/07/23** |

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

|  |  |
| --- | --- |
| **FUEL** | |
| Fuel Quantity Indication units | **KG** |
| Fuel Flow Indication units | **KG** |
| Total Fuel Capacity | **172741** |
| Capacity Main Tank 1 or 4 | **14079** |
| Capacity Main Tank 2 or 3 | **40400** |
| Capacity Reserve Tank 2 or 3 | **4256** |
| Capacity Center Tank | **55271** |

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

|  |
| --- |
| **SPECIAL OPERATION** |
| RNAV-1, RNAV-2, RNAV-5, RNAV-10(RNP-10), Basic RNP-1, RNP-4, RNP APCH, RVSM,  CPDLC,CAT II |
| **INTERIOR CONFIGURATION** |
| Cargo-Configuration |
| 747-400 PTF, The crew rest area is located in upper deck, Two double-seat, total 4 seats in upper |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |

