## GENERAL DESCRIPTION & SUMMARY

| | | | |
|---|---|---|---|
| **AIRCRAFT MANUFACTURER** | BOEING | **REGISTRATION NUMBER** | |
| **AIRCRAFT MODEL** | B777-200ER | **COUNTRY OF REGISTRATION** | |
| **CUSTOMIZED MODEL** | B777-268ER | **ENGINE MANUFACTURER** | General Electric GE90 |
| **SERIAL NUMBER** | 28347 | **ENGINE MODEL** | GE90-90-B |
| **DATE OF MANUFACTURE** | 15-DEC-97 | **CONFIGURATION** | 341 Passenger (14B+327Y) |

## AIRCRAFT STATUS

| TSN | CSN | EFFECTIVE DATE | OPERATOR |
|---|---|---|---|
| 51504:04 | 18638 | 20-FEB-17 | TBD |

## CHECKS HISTORY

| CHECK NAME | INTERVAL | LAST COMPLETED | TOTAL TIME | NEXT DUE |
|---|---|---|---|---|
| **A** | 1200H | Nov.2016 | 50790:23 /18399 | |
| **C1** | 14400 FH / 4320 Flight Cycles / 43 Months | 15-FEB-14 | 42899 H / 16329 C | 15-SEP-17 |
| **C2** | 28800 FH / 8640 FC /86 Months | DEC-2011 | | |
| **C3** | 43200FH / 12960 FC /129 Months | FEB-2014 | | |
| **D** | 57600 FH / 17280 Flight Cycles Not Exceeded 172 Months | 05-APR-07 | | 28-MAR-17 |

## OPERATING WEIGHTS

| | Kgs/Lbs |
|---|---|
| MAXIMUM TAXI WEIGHT | 634,500/287,804 lbs/kgs |
| MAXIMUM TAKE-OFF WEIGHT | 632,500/286,897 lbs/kg |
| MAXIMUM LANDING WEIGHT | 460,000/208,652 lbs/kgs |
| MAXIMUM ZERO FUEL WEIGHT | 430,000/195,044 lbs/kgs |
| MINIMUM FLIGHT WEIGHT | 266,100/120,701 lbs/kgs |
| MAX. FUEL CAPACITY | 253,186/114,843 lbs/kgs |

## ESN

| | | | |
|---|---|---|---|
| ENGINE MANUFACTURER | General Electric Company | INSTALLED ON POSITION | ENGINE 1 |
| ENGINE MODEL | GE90-90-B | TSLSV | 7464 |
| ENGINE PART NUMBER / SERIAL NUMBER | **1650M11G16** | CSLSV | 2478 |
| Installation Date | 2014 | TSI/CSI (During installation) | 7464/2478 |
| TIME SINCE NEW (Current) | 38666 | CYCLES SINCE NEW (Current) | 15315 |

## ENGINE (900169) LLP SUMMARY

| Index | Description | Part No. (P/N) | Serial No. | TSN | CSN | TSI | CSI | Eng. Cycles Limit | Interval hours | Eng. Cycles / HRS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Current | Current | | | Eng. Cycles Limit | Interval hours | Remaining |
| 1 | DISK, STG1 FAN RTR | 1685M81P23 | GWNKV175 | 38666 | 15315 | 7464 | 2478 | 20000 | | 4685 |
| 2 | SEAL, HPT AFT | 1710M83P05 | WIN735VM | 7464 | 2478 | 7464 | 2478 | 15000 | | 12522 |
| 3 | DISK, HPT STAGE2 | 1711M47G13 | TMTSN086 | 7464 | 2478 | 7464 | 2478 | 15000 | | 12522 |
| 4 | DISK, LPT STAGE 6 | 1764M27P06 | FIA032H4 | 35169 | 13901 | 7464 | 2478 | 20000 | | 6099 |
| 5 | DISK, LPT STAGE1 | 1767M32P03 | IHIC0076 | 39809 | 16088 | 7464 | 2478 | 20000 | | 3912 |
| 6 | DISK, LPT STAGE 5 | 1767M36P02 | IHIG0162 | 19754 | 13901 | 7464 | 2478 | 20000 | | 6099 |
| 7 | SHAFT, FORWARD FAN | 1767M49G07 | IHIH0085 | 38666 | 15315 | 7464 | 2478 | 20000 | | 4685 |
| 8 | DISK, LPT STAGE2 | 1767M77P02 | IHID0112 | 36748 | 14501 | 7464 | 2478 | 17300 | | 2799 |
| 9 | DISK, LPT STAGE3 | 1767M78P02 | HIE0163 | 35169 | 13901 | 7464 | 2478 | 20000 | | 6099 |
| 10 | DISK, LPT STAGE 4 | 1767M79P02 | IHUF0167 | 35169 | 13901 | 7464 | 2478 | 20000 | | 6099 |
| 11 | SHAFT, LPT CONE | 1767M80G01 | IHIP0166 | 42018 | 16977 | 7464 | 2478 | 20000 | | 3023 |
| 12 | SHAFT, LPT FAN MID | 1767M95G03 | IHIN0202 | 37198 | 14018 | 7464 | 2478 | 19100 | | 5082 |
| 13 | SPOOL, HPC STAGES8-10 | 1844M90G02 | GWN0K272 | 16419 | 5109 | 7464 | 2478 | 16700 | | 11591 |
| 14 | CASE, HPT | 1847M55G04 | FCPFCVD5 | 36889 | 14174 | 7464 | 2478 | 14700 | | 526 |
| 15 | SEAL, HPC CDP | 1847M93P01 | GWN009NT | 33947 | 12745 | 7464 | 2478 | 20000 | | 7255 |
| 16 | SEAL, HPT FORWARD | 1847M94P03 | NCE7752N | 25929 | 10643 | 7464 | 2478 | 15000 | | 4357 |
| 17 | DISK, HPT STAGE 1 | 2445M05G04 | GWN081HT | 33189 | 10548 | 7464 | 2478 | 15000 | | 4452 |
| 18 | CASE, LPT | 1893M10G03 | FCP5CJAW | 19754 | 7305 | 7464 | 2478 | 17900 | | 10595 |
| 19 | SEAL, HPT INTERSTAGE | 2453M60P01 | NCE034LJ | 7464 | 2478 | 7464 | 2478 | 15000 | | 12522 |
| 20 | DISK, HPC STG7 | 350-000-657-0 | BA495579 | 36991 | 14297 | 7464 | 2478 | 20000 | | 5703 |
| 21 | SHAFT, BOSTER STG2-4 | 350-002-774-0 | BA297462 | 38666 | 15315 | 7464 | 2478 | 20000 | | 4685 |
| 22 | SPOOL, HPC STG2-6 | 350-005-782-0 | PA252575 | 16419 | 5109 | 7464 | 2478 | 12800 | | 7691 |
| 23 | IMPELLER, HPC | 350-019-953-0 | BA069552 | 36991 | 14297 | 7464 | 2478 | 20000 | | 5703 |
| 24 | DISK, HPC STG1 | 350-040-641-0 | BD017324 | 16419 | 5109 | 7464 | 2478 | 20000 | | 14891 |

## ENGINE (900169) 1st LIMITER CYCLE:

| | |
|---|---|
| **1ST LIMITER CYCLE PARTNAME** | CASE, HPT |
| **REMAINING (Engine Cyc.)** | 526 C |

| ENGINE MANUFACTURER | General Electric Company | INSTALLED ON POSITION | ENGINE 2 |
|---|---|---|---|
| ENGINE MODEL | GE90-90-B | TSLSV | 9117 |
| ENGINE SERIAL NUMBER | 1650M11G16 / 900218 | CSLSV | 2835 |
| Installation Date | 20-MAR-2017 | TSI / CSI | 9117 / 2837 |
| TIME SINCE NEW (Current) | 43791 | CYCLES SINCE NEW (Current) | 18008 |

## ENGINE 900218 LLP SUMMARY

| Index | Part No. (P/N) | Description | Serial No. | TSN (H) | CSN (C) | TSLSV | CSLSV | Eng. Cycles Limit | Eng. Cycles Remaining |
|---|---|---|---|---|---|---|---|---|---|
| 1- | 1844M40G02 | DISK, STG1 FAN RTR | GWN0R8PW | 9117:18 | 2835 | 9117 | 2835 | 20000 | 17165 |
| 2- | 1710M83P05 | SEAL, HPT AFT | WIN648PB | 15137 | 5148 | 9117 | 2835 | 15000 | 9852 |
| 3- | 1711M47G11 | DISK, HPT STAGE2 | GWN0595G | 34670 | 13682 | 9117 | 2835 | 15000 | 1318 |
| 4- | 1764M27P06 | DISK, LPT STAGE 6 | FIA033WE | 42155 | 16859 | 9117 | 2835 | 20000 | 3141 |
| 5- | 1767M32P03 | DISK, LPT STAGE1 | IHIC0193 | 42155 | 16859 | 9117 | 2835 | 20000 | 3141 |
| 6- | 1767M36P02 | DISK, LPT STAGE 5 | IHIG0190 | 42155 | 16859 | 9117 | 2835 | 20000 | 3141 |
| 7- | 1767M49G07 | SHAFT, FORWARDFAN | IHIH0095 | 43238 | 17995 | 9117 | 2835 | 20000 | 2005 |
| 8- | 1767M77P02 | DISK, LPT STAGE2 | IHID0189 | 42155 | 16859 | 9117 | 2835 | 20000 | 3141 |
| 9- | 1767M78P03 | DISK, LPT STAGE3 | IHIE0192 | 42155 | 16859 | 9117 | 2835 | 20000 | 3141 |
| 10- | 1767M79P02 | DISK, LPT STAGE 4 | IHIF0170 | 42155 | 16859 | 9117 | 2835 | 20000 | 3141 |
| 11- | 1767M80G01 | SHAFT, LPT CONE | IHIP0178 | 42155 | 16859 | 9117 | 2835 | 20000 | 3141 |
| 12- | 1767M84G02 | SHAFT, LPT FANMID | IHIN0580 | 15137 | 5148 | 9117 | 2835 | 11100 | 5952 |
| 13- | 1844M90G02 | SHAFT, HPCSTAGES8-10 | GWN0MRW2 | 15137 | 5148 | 9117 | 2835 | 16700 | 11552 |
| 14- | 1847M55G04 | CASE, HPT | FCP5EA62 | 15137 | 5148 | 9117 | 2835 | 14700 | 9552 |
| 15- | 1847M93P01 | SEAL, HPC CDP | GEE1GHC0 | 15137 | 5148 | 9117 | 2835 | 20000 | 14852 |
| 16- | 1847M94P03 | SEAL, HPTFORWARD | NCE9793W | 30064 | 11594 | 9117 | 2835 | 15000 | 3406 |
| 17- | 1847M95G04 | DISK, HPT STAGE 1 | GWN0T40D | 9117 | 2835 | 9117 | 2835 | 15000 | 12165 |
| 18- | 2453M60P01 | SEL, HPT INTERSTAGE | NCE669LA | 9117 | 2835 | 9117 | 2835 | 17900 | 12165 |
| 19- | 350-000-657-0 | DISK, HPC STG7 | BA582263 | 42696 | 17379 | 9117 | 2835 | 20000 | 2621 |
| 20- | 350-002-774-0 | SHAFT, BOSTERSTG2-4 | BA728367 | 11443 | 3522 | 9117 | 2835 | 20000 | 16478 |
| 21- | 350-005-788-0 | SHAFT, HPC STG2-6 | PA616061 | 15137 | 5148 | 9117 | 2835 | 15000 | 9852 |
| 22- | 350-019-953-0 | IMPELLER, HPC | BA495563 | 42696 | 17379 | 9117 | 2835 | 20000 | 2621 |
| 23- | 350-040-621-0 | DISK, HPC STG1 | LA041734 | 42696 | 17379 | 9117 | 2835 | 20000 | 2621 |
| 24- | 2062M71G01 | CASE, LPT | FCPFAW53 | 40355 | 16780 | 9117 | 2835 | 17900 | 1120 |

## ENGINE 900218 Ist LIMITER CYCLE:

| | |
|---|---|
| **1ST LIMITER CYCLE PART NAME** | CASE, LPT |
| **REMAINING (Engine Cyc.)** | 1120 |

## AUXILIARY POWER UNIT

| | | | |
|---|---|---|---|
| **MANUFACTURER:** | **HONEYWELL INTERNATIONAL INC.** | **APU HOURS SINCE NEW (Current):** | **9333:52** |
| **MODEL:** | **3800550-1** | **APU CYCLES SINCE NEW (Current):** | **3085** |
| **SERIAL NUMBER:** | **P-2207** | **TSN / CSN (Last Shop Visit)** | **4564 /1479** |
| **Installation Date:** | **31.Aug.2015** | **REMAINING (H/C)** | **23915** |
| **TSN / CSN (During Installation)** | **4770 / 1606** | **APU INTERVAL (H/C)** | **1200 H (BO) / 27000 C** |

## APU P-2207 LLP SUMMARY

| Index | Part No. (P/N) | Description | Serial No. | Current TSN | Current CSN | TSI | CSI | Cycles Limit | Cycles Remaining |
|---|---|---|---|---|---|---|---|---|---|
| 1- | 160488-2 | COOLER- OIL | 105-207 | 4750:52 | 1534 | 4564 | 1479 | | |
| 2- | 304643-2 | MODULE, DATA MEMORY | GE10821 | 9123:52 | 3075 | 4564 | 1479 | | |
| 3- | 3283076-5 | APU STARTER VALVE | 552 | 13040:52 | 4476 | 4564 | 1479 | | |
| 4- | 3505814-3 | STARTER, AIR TURBINE ENGINE | 1431 | 10449:52 | 3698 | 4564 | 1479 | | |
| 5- | 3804011-10 | LOAD COMPRESSORASSY | P-1332 | 9333:52 | 4064 | 4564 | 1479 | | |
| 6- | 3805034-10 | GEARBOX ASSY | P-1369 | 9170:52 | 4074 | 4564 | 1479 | | |
| 7- | 3822341-4 | IMPELLER, STG2 COMP | **12-182449-06399** | **9123:52** | **3075** | **4564** | **1479** | **27000** | **25521** |
| 8- | 3822611-1 | IMPELLER, STG1 COMP | **12-182449-05906** | **9123:52** | **3075** | **4564** | **1479** | **27000** | **25521** |
| 9- | 3822612-1 | IMPELLER,LOAD COMP. | **9-182449-00581** | **10482:52** | **3758** | **4564** | **1479** | **27000** | **25521** |
| 10- | 3826980-13 | ENGINE COMPRESSORASSY | P-1327 | 9333:52 | 4064 | 4564 | 1479 | | |
| 11- | 3842152-1<br>3842151-3 | DISK, STG1 TURBINE or ROTOR ASSEMBLY, 1ST STAGE | **12-168522-00485** | **9124:01** | **3075** | **4564** | **1479** | **27000** | **23925** |
| 12- | 3842156-1<br>3842155-3 | DISK, STG2 TURBINE /or ROTOR ASSY, 2ND STGTURBINE | **11-168522-06670** | **9124:01** | **3075** | **4564** | **1479** | **27000** | **25521** |
| 13- | 3842160-6 | ROTOR, STG3 TURBINE | **12-156101-04532** | **9124:01** | **3075** | **4564** | **1479** | **27000** | **25521** |
| 14- | 3844517-7 | TURBINE MODULEASSY | P-1327 | 9333:52 | 4064 | 4564 | 1479 | | |
| 15- | 9048700-9 | IGNITION- EXCITERBOX | J14460065 | 4394:22 | 1436 | 4564 | 1479 | | |
| 16- | 3888275-10 | IGNITION SYSTEM ASSY | J12440174 | 10177:52 | 2836 | 4564 | 1479 | | |
| 17- | 3879008-1 | CLUSTER ASSY, FUEL | CUA10221 | 20198:2 | 6539 | 4564 | 1479 | | |
| 18- | 3883499-3 | SERVOACTUATOR ASSEMBLY | 307 | 35739:54 | 14331 | 4564 | 1479 | | |
| 19- | 4131000-6 | CLUSTER ASSY, LUBE | 584 | 12813:35 | 4782 | 4564 | 1479 | | |
| 20- | 3884863-7 | PNEUMATIC CLUSTER | P405 | 39910:27 | 15030 | 4564 | 1479 | | |

## LANDING GEAR

| PART NUMBER | 161W1100-3 | 162W1100-3 | 161W1100-4 |
|---|---|---|---|
| PART NAME | MLG, ASSY LH | NLG, ASSY | MLG, ASSY RH |
| DATE INSTAALED | 01.Jul.2006 | 01.Jul.2006 | 08.Jul.2006 |
| SERIAL NUMBER | MC0208P0101 | MC0106P0101 | MC0209P0101 |
| TIME SINCE NEW (TSN) (CURRENT) | **49343:04 H** | **49343:04 H** | **49343:04 H** |
| CYCLES SINCE NEW (CSN)(CURRENT) | **17466C** | **17466C** | **17466C** |
| TIME SINCE INSPECTION (TSI) | 31227 | 31227 | 31227 |
| CYCLES SINCE OVHL INSPECTION(CSI) | 9058 | 9058 | 9058 |
| INTERVAL | 16000C (OH) /3650 D | 16000C (OH) /3650 D | 16000C (OH) /3650 D |
| LIFE LIMITED CYCLE | 46335C | 37200C | 46335C |
| REMAINING CYCLE | **28869C** | **19734C** | **28869C** |
| REMAINIG INTERVAL (OH) | **6609 C** | **6753 C** | **6609 C** |

# AIRCRAFT SUMMARY

## 22-Auto flight

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| FMCF | 2 functions | Honeywell | Function inside CPM/BASIC |
| AFDC | 2 | ROCKWELL COLLINS | |

## 23 - Communications

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| SSCVR | 1 | Honeywell | |
| ACARS FUNCTION (DMCF) | 2 | Honeywell | function inside CPM/COMM |
| Audio control Panel | 3 | AVTECH | |
| HF Transceiver | 2 | HONEYWELL | |
| Printer | 1 | THALES AVIONICS | |
| SELCAL Decoder | 1 | AVTECH | |
| SATELLITE DATA UNIT | 1 | HONEYWELL | |
| VHF Transceiver | 3 | ROCKWELL COLLINS | |

## 25 – Cockpit & Cabin Interior

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| Captain & F. Officer Seats | 2 | BOEING | |
| Observer Crew | 2 | C&D ZODIAC | |
| Attendant Seat | 13 | GOODRICH | |
| Secure Cockpit Door Fitted | YES | BOEING | |

## 25 - Cabin Interior (Seats & Lavatories)

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| First Class Seats | N/A | AVIO INTERIORS | |
| Business class | 14B | AVIO INTERIORS | |
| Economy Class Seats | 327Y | AVIO INTERIORS | |
| Lavatory Qty. | 9 | ZODIAC/MONOGRAM | |
| Handicapped Enabled Lavatory Qty. | 2 | ZODIAC/MONOGRAM | |
| Baby Changing Table Qty. | 9 | ZODIAC/MONOGRAM | |
| GALLEYS | FWD, MID, AFT | Britax Sell Galley Equipment | |

## 25 - Cabin Interior (In-Flight Entertainment & ELT)

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| Fixed ELT | 1 | Honeywell | MODEL RESCU406 AF |
| Portable ELT | 2 | Honeywell Aerospace | |

## 31 - Indicating and Recording S stems

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| SSFDR | 1 | HONEYWELL | |
| AIMS | 2 | HONEYWELL | |
| Quick Access Recorder | 1 | DASSAULT | |

## 32 - Wheels and Brakes

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| Brakes | 12 | Bf Goodrich | Carbon Brakes |
| Nose Wheels | 2 | HONEYWELL | Nose |
| Main Wheels | 12 | SAFRAN | Main |

## 34 - Navigation

| Description | Qty | MANUFACTURE/FEATURE | DETAILS |
|---|---|---|---|
| ADF Transceiver | 2 | ROCKWELL COLLINS | |
| ATC Transponder | 2 | ROCKWELL COLLINS | |
| DME | 2 | ROCKWELL COLLINS | |
| EGPWS | 1 | HONEYWELL | |
| Flight Management System | 2 | HONEYWELL | FUNCTIONS INSIDE CPM/BASIC/ACMF |
| GPSSU | 2 | HONEYWELL | |
| Inertial Reference Unit | 1 | HONEYWELL | |
| MCDU | 2 | HONEYWELL | |
| Radio Altimeter Transceiver | 2 | HONEYWELL | |
| TCAS | 1 | HONEYWELL | MODEL TTR 921 (TCASVERSION 7.1) |
| VOR RECEIEVR | 2 | ROCKWELL COLLINS | |
| Weather Radar transceiver | 2 | HONEYWELL | |

## INTERIOR CONFIGURATION.

## PASSENGER SEAT DETAILS

| | | | |
|---|---|---|---|
| SEAT CLASS | 14 B+ 327Y | SEAT MANUFACTURER | AVIOINTERIORS |
| QUANTITY OF SEATS | 341 Passengers | | |

## CARGO CONFIGURATION

**MAIN CABIN - 14B/327Y ARRANGEMENT (REF. Drawing LOPA 772-204)**

The main cabin 14B/327Y arrangement shown below is the basis for the subsequent passenger and cabin crew center of gravity data, and the maximum allowable galley loads data.

