

| | |
|---------------------------|----------------|
| ENGINE MODEL: | PW4056-3 |
| ENGINE S/N: | 723873 |
| TSN: | 57,068 |
| CSN: | 10,358 |
| TSLV: | 6,017 |
| CSLSV: | 1,551 |
| LAST THRUST RATE SETTING: | PW4460-3 |
| AS OF DATE: | 06-Jan-20 |
| LAST OPERATOR: | SKYLEASE CARGO |

LIFE LIMITED PART STATUS

| IIN | DESCRIPTION | P/N | S/N | SINCE NEW | | CYCLE USAGE | | | OEM CYCLE LIMIT | | | REMAINING | | |
|-------------------------|--|-----------|------------|-----------|--------|-------------|---|-------------|-----------------|---|-------------|-------------|---|-------------|
| | | | | HOURS | CYCLES | 4052 / 4056 | 4060 / 4062 4156 / 4158 4164 / 4168 | 4460 / 4462 | 4052 / 4056 | 4060 / 4062 4156 / 4158 4164 / 4168 | 4460 / 4462 | 4052 / 4056 | 4060 / 4062 4156 / 4158 4164 / 4168 | 4460 / 4462 |
| FAN ROTOR MODULE | | | | | | | | | | | | | | |
| A0032 | HUB, FRONT COMPRESSOR | 50B321 | CBDUA44728 | 38,512 | 12,029 | 3,220 | 5,507 | 3,302 | 20,000 | 15,000 | 15,000 | 5,034 | 3,776 | 3,776 |
| A0033 | DISK, DRUM ROTOR, 1.6 - 4 | 51B022-01 | CBDUA66887 | 43,515 | 7,926 | 4,624 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 10,973 | 8,230 | 8,230 |
| A0034 | DISK, STAGE 1.6 | 51B022-02 | CBDUA66998 | 43,515 | 7,926 | 4,624 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 10,973 | 8,230 | 8,230 |
| A0035 | DISK, STAGE 2 | 51B022-03 | CBDUA61840 | 43,515 | 7,926 | 4,624 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 10,973 | 8,230 | 8,230 |
| A0036 | DISK, STAGE 3 | 51B022-04 | CBDUA57010 | 43,515 | 7,926 | 4,624 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 10,973 | 8,230 | 8,230 |
| A0037 | DISK, STAGE 4 | 51B022-05 | CBDUA61857 | 43,515 | 7,926 | 4,624 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 10,973 | 8,230 | 8,230 |
| LPC/LPT COUPLING | | | | | | | | | | | | | | |
| 0070 | TURBINE SHAFT (LPC/LPT) COUPLING | 50A281 | CLPXA00697 | 37,495 | 6,890 | 3,588 | 0 | 3,302 | 30,000 | 30,000 | 30,000 | 23,110 | 23,110 | 23,110 |
| HPC ROTOR MODULE | | | | | | | | | | | | | | |
| B0183 | HUB, HPC FRONT | 51H572 | S35276 | 54,679 | 13,716 | 2,891 | 4,330 | 6,495 | 20,000 | 15,000 | 15,000 | 2,675 | 2,006 | 2,006 |
| B0181 | HPC DISK, STAGE 5 | 56H705 | CENCAU4663 | 42,359 | 7,738 | 4,436 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 11,161 | 8,371 | 8,371 |
| B0184 | HPC DISK, DRUM ROTOR, 6 - 12 | 55H106-01 | CENCA77708 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0185 | HPC DISK, STAGE 6 | 53H976-02 | CENCA79268 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0186 | HPC DISK, STAGE 7 | 54H816-02 | CENCA79290 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0187 | HPC DISK, STAGE 8 | 54H816-03 | CENCA80314 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0188 | HPC DISK, STAGE 9 | 54H816-04 | CENCA78828 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0189 | HPC DISK, STAGE 10 | 53H976-06 | CENCA78373 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0190 | HPC DISK, STAGE 11 | 54H626-02 | CENCA79005 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0191 | HPC DISK, STAGE 12 | 55H106-02 | CENCA77499 | 22,998 | 12,275 | 0 | 8,973 | 3,302 | 20,000 | 15,000 | 15,000 | 3,633 | 2,725 | 2,725 |
| B0193 | HPC DISK, DRUM ROTOR, 13 TO 15 AND HPC DRIVE SHAFT | 56H013-01 | CENCA1202 | 51,683 | 9,130 | 5,828 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 9,769 | 7,327 | 7,327 |
| B0194 | HPC DISK, STAGE 13 | 56H013-02 | CENCA5271 | 51,683 | 9,130 | 5,828 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 9,769 | 7,327 | 7,327 |
| B0195 | HPC DISK, STAGE 14 | 56H013-03 | CENCA9489 | 51,683 | 9,130 | 5,828 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 9,769 | 7,327 | 7,327 |
| B0196 | HPC DISK, STAGE 15 | 56H013-04 | CENCA7643 | 51,683 | 9,130 | 5,828 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 9,769 | 7,327 | 7,327 |
| B0198 | HPC REAR HUB (STAGE 15) | 54H803-02 | CENCA7795 | 47,418 | 9,130 | 5,828 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 9,769 | 7,327 | 7,327 |
| B0197 | HPC DRIVE SHAFT | 54H767 | CENCAU0398 | 35,950 | 10,662 | 2,675 | 4,685 | 3,302 | 20,000 | 15,000 | 15,000 | 6,675 | 5,006 | 5,006 |
| B0201 | HPC AIRSEAL, DIFFUSER | 54H792 | CENCA6208 | 55,110 | 9,810 | 1,823 | 4,685 | 3,302 | 20,000 | 15,000 | 15,000 | 7,527 | 5,645 | 5,645 |
| HPT ROTOR MODULE | | | | | | | | | | | | | | |
| C0402 | HUB, TURBINE FRONT (STAGE 1) | 52L301 | CKLBA64993 | 48,758 | 12,205 | 2,707 | 4,170 | 5,328 | 18,000 | 13,700 | 13,700 | 2,813 | 2,141 | 2,141 |
| C0420 | HUB, TURBINE INTER, REAR (STAGE 2) | 53L602 | CKLBAJ5249 | 52,641 | 13,965 | 5,013 | 5,650 | 3,302 | 20,000 | 15,000 | 15,000 | 3,051 | 2,288 | 2,288 |
| C0403 | AIRSEAL, HPT STAGE 1 | 50L485 | P48785 | 55,469 | 13,850 | 5,034 | 5,514 | 3,302 | 20,000 | 15,000 | 15,000 | 3,211 | 2,408 | 2,408 |
| C0423 | PLATE, HPT STAGE 2 BLADE RETAINING | 50L242 | C342AA0347 | 50,337 | 13,321 | 4,736 | 5,283 | 3,302 | 20,000 | 15,000 | 15,000 | 3,817 | 2,863 | 2,863 |
| C0408 | AIRSEAL, HPT STAGE 2 | 53L030 | CKLBEH5903 | 35,531 | 6,524 | 3,222 | 0 | 3,302 | 15,900 | 13,800 | 13,800 | 8,873 | 7,701 | 7,701 |
| C0410 | AIRSEAL, HPT STAGE 1 (INNER) | 50L664 | CKLBC32466 | 38,004 | 11,620 | 8,318 | 0 | 3,302 | 16,800 | 14,800 | 14,800 | 4,733 | 4,170 | 4,170 |
| LPT ROTOR MODULE | | | | | | | | | | | | | | |
| D0474 | DISK, LPT STAGE 3 | 50N003 | S92704 | 63,838 | 10,664 | 7,362 | 0 | 3,302 | 20,000 | 15,000 | 15,000 | 8,235 | 6,176 | 6,176 |
| D0480 | DISK, LPT STAGE 4 | 50N024 | R32220 | 63,882 | 11,607 | 5,629 | 0 | 5,978 | 20,000 | 15,000 | 15,000 | 6,400 | 4,800 | 4,800 |
| D0489 | HUB, REAR TURBINE STAGE 5 | 50N505 | T45637 | 53,157 | 13,337 | 4,898 | 5,137 | 3,302 | 20,000 | 15,000 | 15,000 | 3,850 | 2,887 | 2,887 |
| D0472 | AIRSEAL, LPT STAGE 3 | 50N008 | TE0991 | 59,236 | 13,871 | 5,732 | 4,837 | 3,302 | 20,000 | 15,000 | 15,000 | 3,416 | 2,562 | 2,562 |
| D0479 | AIRSEAL, LPT STAGE 4 | 50N346 | CLDLC13819 | 18,562 | 8,585 | 0 | 5,283 | 3,302 | 20,000 | 15,000 | 15,000 | 8,553 | 6,415 | 6,415 |
| D0488 | AIRSEAL, LPT STAGE 5 | 50N324 | UK1758 | 57,031 | 13,549 | 5,622 | 4,625 | 3,302 | 20,000 | 15,000 | 15,000 | 3,808 | 2,856 | 2,856 |
| 0432 | FRONT COMP. DRIVE TURB. (LPT) SHAFT | 50A077 | CLDLBM7593 | 38,481 | 11,129 | 2,544 | 5,283 | 3,302 | 30,000 | 30,000 | 30,000 | 18,871 | 18,871 | 18,871 |
| 0434 | AIRSEAL, LPT STAGE 3 | 50N381 | TR5166 | 57,030 | 13,549 | 5,622 | 4,625 | 3,302 | 20,000 | 15,000 | 15,000 | 3,808 | 2,856 | 2,856 |

* SEE ASB PWENG-A72-812

Misc: Cycle Usage PW4060/4062/4156/4158/4164/4168, see LLP BTB Trace for details

FIRST LIMITER: 2,675 2,006 2,006

THE INFORMATION CONTAINED HEREIN HAS BEEN OBTAINED FROM SOURCES (PREVIOUS OWNERS, OPERATORS AND/OR REPAIR AGENCIES), WHICH WE BELIEVE TO BE RELIABLE. THE INSTALLER OF THESE PARTS HAS THE ULTIMATE RESPONSIBILITY FOR USE OF THIS INFORMATION.

DATE: **May 12, 2020**

| | | |
|---|--|--|
| 1. Approving Civil Aviation Authority/Country: FAA/United States | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | 3. Form Tracking Number: 1599  |
|---|--|--|

| | |
|-----------------------------------|--|
| 4. Organization Name and Address: | 5. Work Order/Contract/Invoice Number: S19058 |
|-----------------------------------|--|

| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: |
|----------|-----------------|-----------------|--------------|--------------------|------------------|
| 1 | ENGINE | PW4460-3 | 1 | 723873 | REPAIRED |

12. Remarks:

A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. Pratt & Whitney Engine with serial No. 723873 was repaired per Pratt & Whitney Engine Shop Manual (ESM) Rev # 91 dated 15-JAN-2019.


Engine received a limited scope of work as follows:

1. Performed engine preservation method II in reference with 71-00-00 of the cited manual.
2. Performed Borescope inspection in reference
3. Accomplished C-check task cards per custom

NOTE: OPERATOR TO ACCOMPLISH ALL AMM TASKS ASSOCIATED WITH THE MAINTENANCE ACCOMPLISHED INCLUDING TASKS LISTED IN ATOPS CARRY FORWARD ITEMS FORM QC-114 PRIOR TO ENGINE C...

NOTE: ENGINE TOTAL TIME AND CYCLES FURNISHED BY CUSTOMER TOTAL TIME: 57068:37 TOTAL CYCLES: 10358

AeroTech Ops certifies that the work specified in Blocks 11 and 12 was performed in accordance with EASA Implementation Rule Part-145 Approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number 145.6642

| | | | |
|---|---|---|--|
| 13a. Certifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12. | 14a <input checked="" type="checkbox"/> 4 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | |
| 13b. Authorized Signature: | 13c. Approval/Authorization No.: | 14b. Authorized Signature:  | 14c. Approval/Certificate No.: 9EZR432C |
| 13d. Name (Typed or Printed): | 13e. Date (dd/mm/yyyy): | 14d. Name (Typed or Printed): RICARDO PEREZ | 14e. Date (dd/mm/yyyy): 30-JAN-2020 |

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

| CUSTOMER | ENGINE S/N | ENGINE MODEL | LOCATION | INSPECTED BY: |
|------------|------------|--------------|--------------|-------------------|
| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

LOW PRESSURE COMPRESSOR INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.



CONDITION: SERVICEABLE

STAGE-1 FAN BLADES

- Blade leading edges feel rough to the touch.
- No unserviceable damage found at the time of inspection.



CONDITION: SERVICEABLE

STAGE-1.6 BLADES

- No unserviceable damage found at the time of inspection.






CONDITION: SERVICEABLE

STAGE-4 BLADES

- No unserviceable damage found at the time of inspection.




| CUSTOMER | ENGINE S/N | ENGINE MODEL | LOCATION | INSPECTED BY: |
|------------|------------|--------------|--------------|-------------------|
| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

HIGH PRESSURE COMPRESSOR INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

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|--|--|
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-5 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-6 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-7 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |


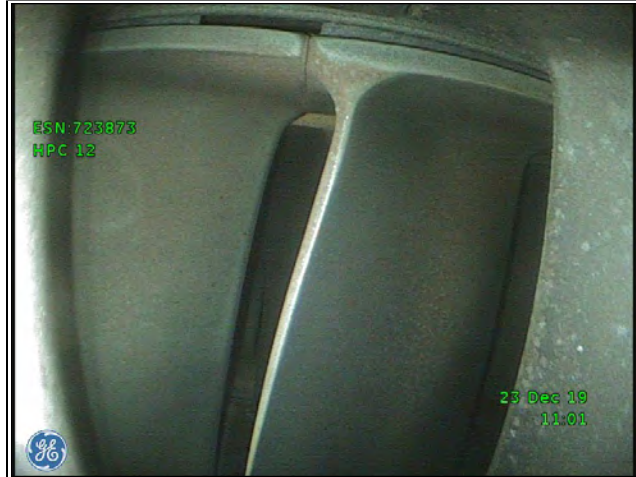

| CUSTOMER | ENGINE S/N | ENGINE MODEL | LOCATION | INSPECTED BY: |
|------------|------------|--------------|--------------|-------------------|
| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

HIGH PRESSURE COMPRESSOR INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

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|  | <p><u>CONDITION:</u> SERVICEABLE</p> <p>STAGE-8 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p><u>CONDITION:</u> SERVICEABLE</p> <p>STAGE-9 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p><u>CONDITION:</u> SERVICEABLE</p> <p>STAGE-10 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |


| CUSTOMER | ENGINE S/N | ENGINE MODEL | LOCATION | INSPECTED BY: |
|------------|------------|--------------|--------------|-------------------|
| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

HIGH PRESSURE COMPRESSOR INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

| | |
|--|---|
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-11 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-12 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-13 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |



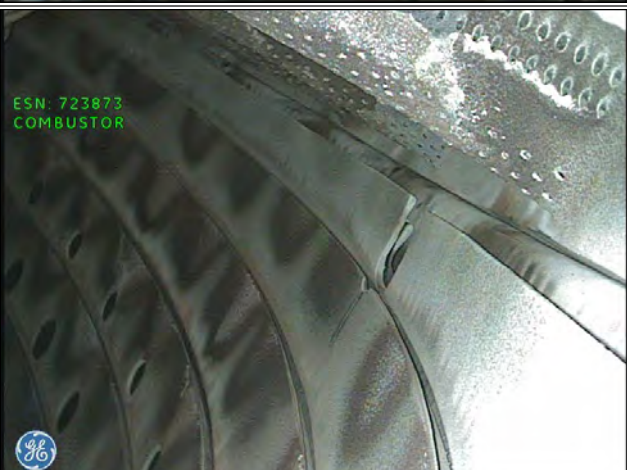
| | | | | |
|-------------------|-------------------|---------------------|-----------------|------------------------|
| CUSTOMER | ENGINE S/N | ENGINE MODEL | LOCATION | INSPECTED BY: |
| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

HIGH PRESSURE COMPRESSOR INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

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|--|---|
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-14 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-15 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |

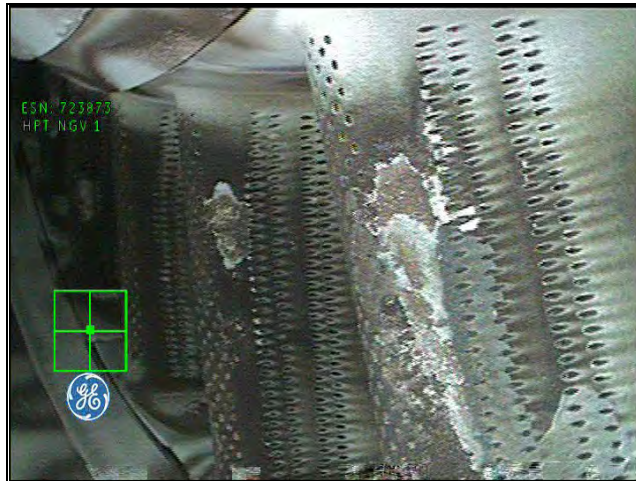


| CUSTOMER | ENGINE S/N | ENGINE MODEL | LOCATION | INSPECTED BY: |
|------------|------------|--------------|--------------|-------------------|
| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

COMBUSTION CHAMBER INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

| | |
|--|---|
|  <p>ESN: 723873 FUEL NOZZLE</p> | <p>CONDITION: SERVICEABLE</p> <p>FUEL NOZZLES</p> <ul style="list-style-type: none"> • Discoloration, erosion and carbon accumulation noted on the Fuel Nozzles bulk head injectors and face of the bulkhead heat shields . • No unserviceable damage found at the time of inspection. |
|  <p>ESN: 723873 COMBUSTOR</p> | <p>CONDITION: SERVICEABLE</p> <p>INNER LINERS</p> <ul style="list-style-type: none"> • Several minor cracks noted on the inner liners of the combustor. • No unserviceable damage found at the time of inspection. |
|  <p>ESN: 723873 COMBUSTOR</p> | <p>CONDITION: SERVICEABLE</p> <p>OUTER LINERS</p> <ul style="list-style-type: none"> • Several cracks noted on the outer liners of the combustion chamber which do not extend more than one louver. One axial crack noted which extends through two louvers. • No unserviceable damage found at the time of inspection. |

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|-------------------|-------------------|---------------------|-----------------|------------------------|
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| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

HIGH PRESSURE TURBINE INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

| | |
|--|--|
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-1 NOZZLE GUIDE VANES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-1 BLADES</p> <ul style="list-style-type: none"> No V-Notches noted at the time of inspection. No unserviceable damage found at the time of inspection. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-1 DUCT SEGMENTS</p> <ul style="list-style-type: none"> Several duct segments noted with missing thermal barrier coating B747 AMM 72-00-00-993-818 indicates that there is no limit on the quantity of chipped coating, coating loss. No unserviceable damage found at the time of inspection. |

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|-------------------|-------------------|---------------------|-----------------|------------------------|
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| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

HIGH PRESSURE TURBINE INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

| | |
|--|---|
| | <p>CONDITION: NOT INSPECTED</p> <p>STAGE-2 NOZZLE GUIDE VANES</p> <ul style="list-style-type: none"> Service bulletin not included in the workscope. |
|  | <p>CONDITION: SERVICEABLE</p> <p>STAGE-2 BLADES</p> <ul style="list-style-type: none"> No V-Notches noted at the time of inspection. No unserviceable damage found at the time of inspection. |
| | <p>CONDITION: NOT INSPECTED</p> <p>STAGE-2 DUCT SEGMENTS</p> <ul style="list-style-type: none"> Service bulletin not included in the workscope. |

| | | | | |
|-------------------|-------------------|---------------------|-----------------|------------------------|
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| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

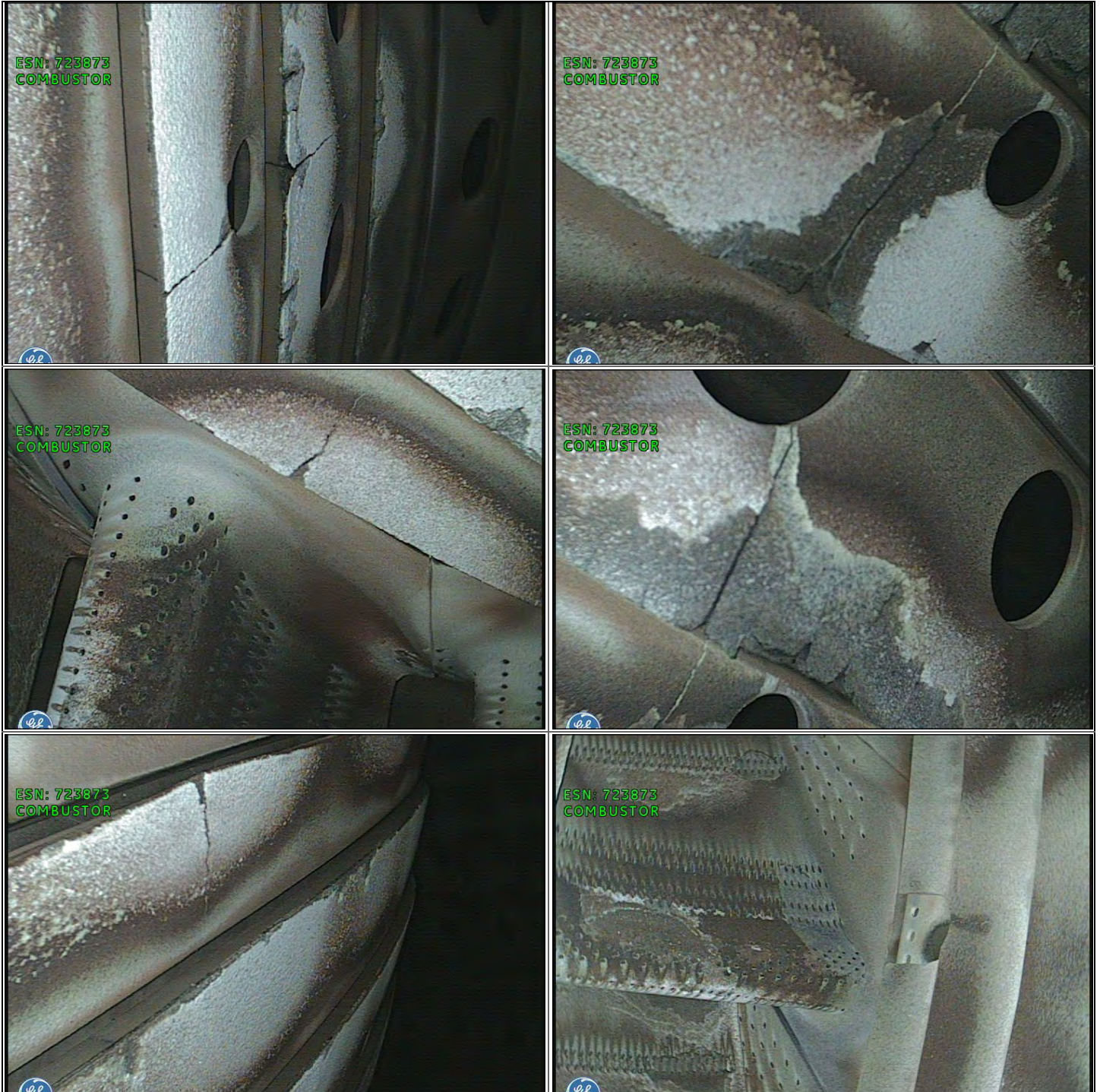
LOW PRESSURE TURBINE INSPECTION. In reference with B747 A.M.M. Chapter 72-00-00.

| | |
|--|--|
| | <p>CONDITION: SERVICEABLE</p> <p>STAGE-3 Vanes</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
| | <p>CONDITION: SERVICEABLE</p> <p>STAGE-3 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |
| | <p>CONDITION: SERVICEABLE</p> <p>STAGE-6 BLADES</p> <ul style="list-style-type: none"> No unserviceable damage found at the time of inspection. |

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| CUSTOMER | ENGINE S/N | ENGINE MODEL | LOCATION | INSPECTED BY: |
|------------|------------|--------------|--------------|-------------------|
| SKYLEASE | 723873 | PW4460-3 | Doral, FL | Steven Clavero |
| WORK ORDER | A/C REG. | A/C MODEL | POSITION | INSPECTION DATE |
| S19058 | N/A | B747-400 | On Pedestals | 08th January 2020 |

ADDITIONAL PHOTOS



[Redacted]

1 FUEL 2 OIL

3 PRESERVATION PERIOD: More than 60 Days

4 PRESERVED WITH: Brayco 599 in reference with PW4000 EM 72-00-00-610-005

5 MODEL No.: PW4460-3 6 ENGINE SERIAL No.: 723873

7 ACCOMPLISHED BY: [Signature] 8 DATE: 14/JAN/20

FORM QC-113 REV 1 18/FEB/16

PRESERVATION TAG

[Redacted]

1 FUEL 2 OIL

3 PRESERVATION PERIOD: More than 60 Days

4 PRESERVED WITH: Turbanycoil 3516 in reference with 72-00-00-610-005 PW4000 EM

5 MODEL No.: PW4460-3 6 ENGINE SERIAL No.: 723873

7 ACCOMPLISHED BY: [Signature] 8 DATE: 14/JAN/20

FORM QC-113 REV 1 18/FEB/16

PRESERVATION TAG



SKY LEASE CARGO DISK SHEET COMPONENT REPORT

723873

Report Date 1/6/2020

STATUS: Spare

| | | | | | | | |
|-----------------------------------|---------------------------|--|---|---------------------------------------|------------|------------------|---|
| Serial Number: 723873 | Tail Num: | Pos: | TAT at Eng. Inst. or Aircraft Delivery: | 0:00 | hr mm | TAT (At Removal) | 78187.37 |
| Model Number: PW4460-3 | Removed Date: Oct/31/2019 | | TAC at Eng. Inst. or Aircraft Delivery: | 0 | | TAC (At Removal) | 18,489 |
| Current Eng. TSI: 3371.37 | hr mm | Eng TSN At Inst'n or AC Delivery: 57068.37 | hr mm | A/C TAT at Last Eng. Installation: | 7:47:59.00 | hr mm | Removed From: N950AR |
| Current Eng. CSI: 1016 | | Eng CSN At Inst'n or AC Delivery: 10358 | | A/C TAC at Last Eng. Installation: | 17473 | | Reason For Removal: REMOVED SERVICEABLE COMPANY |
| TSN at Last Eng. Inst'n: 53697.00 | hr mm | Engine Current TSN: 57068.37 | hr mm | As off log Page: | 88635 | | |
| CSN at Last Eng. Inst'n: 9342 | | Engine Current CSN: 10358 | | A/C Current TAT: | 0:00 | hr mm | |
| Current TSLSV: 6017.37 | hr mm | Eng. TSI at Inst. or A/C Delivery: 3371.37 | hr mm | A/C Current TAC: | 0 | | |
| Current CSLSV: 1551 | | Eng. CSI at Inst. or A/C Delivery: 1016 | | TSI Since Eng. Inst. or A/C Delivery: | 0:00 | hr mm | |
| | | | | CSI Since Eng. Inst. or A/C Delivery: | | | |

| Keyword | Part Number | Serial Number | ToT Hrs Instal | ToT Cyc Install | ToT Hrs Current | ToT Cyc Current | Limd Hours | Limit Cycles | Rem Hours | Rem Cycles | REMARKS | Status | Ref AD Num |
|-------------------------------|-------------|---------------|----------------|-----------------|-----------------|-----------------|------------|--------------|-----------|------------|---------|--------|------------|
| MOD 1 LPC ROTOR | | | | | | | | | | | | | |
| LPC FRONT HUB | 50B321 | CB0UA44729 | 38.512 | 12,029 | 38512 | 12029 | 15000 | | | 2971 | | | |
| LPC STG 18 DRUM ROTOR | 50B022-01 | CB0UA66887 | 43.515 | 7,926 | 43515 | 7926 | 15000 | | | 7074 | | | |
| LPC STG 18 DISK | 51B022-02 | CB0UA66998 | 43.515 | 7,926 | 43515 | 7926 | 15000 | | | 7074 | | | |
| LPC STG 2 DISK | 50B022-03 | CB0UA61840 | 43.515 | 7,926 | 43515 | 7926 | 15000 | | | 7074 | | | |
| LPC STG 3 DISK | 51B022-04 | CB0UA57010 | 43.515 | 7,926 | 43515 | 7926 | 15000 | | | 7074 | | | |
| LPC STG 4 DISK | 50B022-05 | CB0UA61857 | 43.515 | 7,926 | 43515 | 7926 | 15000 | | | 7074 | | | |
| LPC APT COUPLING | 50A281 | CLPXA0697 | 37.495 | 6,890 | 37495 | 6890 | 30000 | | | 23110 | | | |
| MOD 2 HPC ROTOR | | | | | | | | | | | | | |
| HPC FRONT HUB | 51H572 | 535267 | 54.679 | 13,718 | 54679 | 13718 | 15000 | | | 1284 | | | |
| HPC STG 5 DISK | 56H705 | CENCAU6603 | 42.359 | 7,738 | 42359 | 7738 | 15000 | | | 7262 | | | |
| HPC STG 6-12 DRUM ROTOR | 55H106-01 | CENCA77708 | 22.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 6 DISK | 53H976-02 | CENCA79268 | 32.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 7 DISK | 54H816-02 | CENCA79290 | 22.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 8 DISK | 54H816-03 | CENCA80314 | 22.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 9 DISK | 54H816-04 | CENCA78828 | 22.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 10 DISK | 53H976-06 | CENCA78373 | 22.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 11 DISK | 54H626-02 | CENCA79005 | 22.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 12 DISK | 55H106-02 | CENCA77499 | 22.998 | 12,275 | 22998 | 12275 | 15000 | | | 2725 | | | |
| HPC STG 13 15 DRUM ROTOR | 56H013-01 | CENCA1202 | 51.683 | 9,130 | 51683 | 9130 | 15000 | | | 5870 | | | |
| HPC STG 13 DISK | 56H013-02 | CENCA15271 | 51.683 | 9,130 | 51683 | 9130 | 15000 | | | 5870 | | | |
| HPC STG 14 DISK | 56H013-03 | CENCA19489 | 51.683 | 9,130 | 51683 | 9130 | 15000 | | | 5870 | | | |
| HPC STG 15 DISK | 56H013-04 | CENCA17643 | 51.683 | 9,130 | 51683 | 9130 | 15000 | | | 5870 | | | |
| HPC DRIVE SHAFT | 54H767 | CENCAU0398 | 35.950 | 10,662 | 35950 | 10662 | 15000 | | | 4338 | | | |
| HPC HUB STAGE 15 | 54H803-052 | CENCA17795 | 51.683 | 9,130 | 51683 | 9130 | 15000 | | | 5870 | | | |
| HPC DIFFUSER AIRSEAL | 54H792 | CENCA12806 | 33.982 | 9,810 | 33982 | 9810 | 15000 | | | 5190 | | | |
| MOD 3 HPT ROTOR | | | | | | | | | | | | | |
| HPT STG 1 HUB (AD 2012 16-01) | 52L301 | CKLBA64993 | 48.758 | 12,205 | 48758 | 12205 | 13700 | | | 1495 | | | |
| HPT STG 2 INT REAR HUB | 53L602 | CKLBA15249 | 52.641 | 13,985 | 52641 | 13985 | 15000 | | | 1035 | | | |
| HPT STG 1 AIRSEAL (OUTER) | 50L485 | P48785 | 55.469 | 13,850 | 55469 | 13850 | 15000 | | | 1150 | | | |
| HPT STG 2 BLADE RET PLATE | 50L242 | G342AA0347 | 50.337 | 13,321 | 50337 | 13321 | 15000 | | | 1678 | | | |

CERTIFIED BY:

[Signature]
C. DEREGT

NOTE Times = HH:MM Hours:Minutes

APRIL 6TH 2020





SKY LEASE CARGO

DISK SHEET COMPONENT REPORT

723873

Report Date 1/6/2020

STATUS: Spare

| | | | | | |
|-----------------------------------|---|-------|--|-------|--|
| Serial Number: 723873 | Tail Num: | Pos | TAT at Eng. Inst. or Aircraft Delivery: 0.00 | hr mm | TAT (At Removal) 75157.37 |
| Model Number: PW4460-3 | Removed Date: Oct/31/2019 | | TAC at Eng. Inst. or Aircraft Delivery: 0 | | TAC (At Removal) 18.489 |
| Current Eng. TSI: 3371.37 | Eng. TSN At Inst'n or AC Delivery: 57058.37 | hr mm | A/C TAT at Last Eng. Installation: 74798.00 | hr mm | Removed From N950AR |
| Current Eng. CSI: 1016 | Eng. CSN At Inst'n or AC Delivery: 10358 | | A/C TAC at Last Eng. Installation: 17473 | | Reason For Removal REMOVED SERVICEABLE COMPANY |
| TSN at Last Eng. Inst'n: 53697.00 | Engine Current TSN: 57058.37 | hr mm | As off log Page: 88535 | | |
| CSN at Last Eng. Inst'n: 9342 | Engine Current CSN: 10358 | | A/C Current TAT: 0.00 | hr mm | |
| Current TSLSV: 6017.37 | Eng. TSI at Inst. or A/C Delivery: 3371.37 | hr mm | A/C Current TAC: 0 | | |
| Current CSLSV: 1551 | Eng. CSI at Inst. or A/C Delivery: 1016 | | TSI Since Eng. Inst. or A/C Delivery: 0.00 | hr mm | |
| | | | CSI Since Eng. Inst. or A/C Delivery: | | |

| Keyword | Part Number | Serial Number | ToT Hrs Install | ToT Cyc Install | ToT Hrs Current | ToT Cyc Current | Limit Hours | Limit Cycles | Rem Hours | Rem Cycles | REMARKS | Status | Ref. AD Num |
|---|-------------|---------------|-----------------|-----------------|-----------------|-----------------|-------------|--------------|-----------|------------|---------|--------|-------------|
| HPT STG 1 AIRSEAL (INNER) | 50L654 | CKLBC32456 | 38,064 | 11,620 | 38064 | 11620 | | 14800 | | 3180 | | | |
| HPT STG 2 AIRSEAL | 53LD30 | CKLBEH5903 | 35,532 | 8,524 | 35532 | 8524 | | 13800 | | 7276 | | | |
| LPT3 DISK | 50H003 | 592704 | 63,838 | 10,664 | 63838 | 10664 | | 15900 | | 4336 | | | |
| MOD 4 LPT ROTOR | | | | | | | | | | | | | |
| LPT4 DISK | 50H024 | R32220 | 83,882 | 11,607 | 63882 | 11607 | | 15000 | | 3393 | | | |
| LPT 510 5 HUB | 50N505 | T45837 | 53,157 | 13,337 | 53157 | 13337 | | 15000 | | 1663 | | | |
| LPT6 DISK | 50N466-01 | T00389 | 82,203 | 10,880 | 82203 | 10880 | | 15000 | | 4120 | | | |
| LPT 3 AIRSEAL (OUTER) | 50N008 | TE0991 | 59,236 | 13,871 | 59236 | 13871 | | 15000 | | 1129 | | | |
| LPT 4 AIRSEAL (DUPLICATE PER AD 2018-13-02) | 50N346 | CLDLC13819 | 18,562 | 8,585 | 18562 | 8585 | | 15000 | | 6415 | | | |
| LPT 5 AIRSEAL | 50H324 | UK1758 | 57,031 | 13,549 | 57031 | 13549 | | 15000 | | 1451 | | | |
| LPT SHAFT | 50A077 | CLDLBM7593 | 38,481 | 11,120 | 38481 | 11120 | | 30000 | | 18871 | | | |
| LPT 3 AIRSEAL (INNER) | 50H381 | TR5166 | 57,030 | 13,549 | 57030 | 13549 | | 15000 | | 1451 | | | |

Z



CERTIFIED BY:

[Handwritten Signature]

NOTE: Times = HHMM Hours Minutes

April 6th 2020

C. DELEGAT



Engine Data Package

ESN: P723873

2015 Shop Visit

52,534 TSN

9,127 CSN

| | | | | | | |
|---|-----------------|---|---|--|--|--|
| 1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES | | 2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG | | | 3. Form Tracking Number: JER2211 | |
| 4. Organization Name and Address:  Jet Engine Solutions, LLC 13920 Senlac Drive STE 200 Farmers Branch, Texas 75234 USA FAA CRS# 5JER396B EASA 145.6267 | | | | 5. Work Order, Contract, or Invoice Number: LP3986 | | |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: | |
| 1. | ENGINE | PW4462(-3) | 1 | P723873CN | REPAIRED | |
| 12. REMARKS: <ul style="list-style-type: none"> Performed general visual inspection of engine/systems Accomplished PLI (Post Lease Inspection) IAW PWEL 64* PLI Workscope Checklist Form 1-2-3-1-1 REV 10 Dated 1/7/2014 Performed full video borescope inspection Completed QEC/ACCY inventory Complied with PW4ENG 72-663, 72-745, 72-663, 72-767, 72-772, 72-780 and PW4ENG A75-51. No other SB's or AD's accomplished during this visit. All work accomplished IAW the applicable section of the PW4000 EM PN 50A805 REV 103 Dated JAN 1/14, PLI workscope and SB's as noted. Please see JES Form 003, Fault and Open Items, for details, further work performed and carry forward items. <p>Details are on file at the Jet Engine Solutions LLC facility. This work was accomplished in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to work performed as described above.</p> <p>NOTE- Customer/operator to perform all functional/operational and leak checks prior to engine operation IAW with applicable Aircraft Maintenance Manual.</p> <p>TTSN: 52,534:00 TCSN: 9,127</p> <p>Jet Engine Solutions LLC certifies that the work specified in block 11/12 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number: EASA.145.6267.</p> | | | | | | |
| 13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12 | | | 14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | | |
| 13b. Authorized Signature: | | 13c. Approval Authorization No.: | | 14b. Authorized Signature:  | | 14c. Approval/Certificate No: 5JER396B |
| 13d. Name (Typed or Printed): | | 13e. Date (dd/mm/yyyy): | | 14d. Name (Typed or Printed): Jon Heinemann | | 14e. Date (dd/mm/yyyy): 16/MAY/2014 |
| User/Installer Responsibilities | | | | | | |
| It is important to understand that the existence of this Document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. | | | | | | |
| FAA Form 8130-3 (02-14) | | | | NSN:0052-00-012-9005 | | |



SKY LEASE CARGO

**ENGINE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD
N950AR**

ENGINE S/N: 702873
ENGINE TYPE: PWR460-3
TSN: 56302.50 hrs.min
CSN: 10141
TSLSV: 5252
CSLSV: 1334

| A.D. NOTE EFFECTIVE DATE | S/B REF. | DESCRIPTION | MOC | LAST COMPLIANCE | | | NEXT COMPLIANCE | | | LIMITERS | REMAINING | STATUS |
|--------------------------------|----------|---|--|-----------------|-------|--------|-----------------|-------|--------|----------|-------------------------------|--------|
| | | | | DATE | HOURS | CYCLES | DATE | HOURS | CYCLES | FREQ | HOURS CYCLES DAYS TO GO | |
| AD 90-22-02 10/18/1990 | 723873 | TO PREVENT A LOW PRESSURE TURBINE SHAFT (LPT SHAFT) FAILURE THAT CAN CAUSE A TOTAL LOSS OF THRUST AND INFLIGHT SHUTDOWN | NA PER ENGINE SERIAL NUMBER | | | | | | | | N/A | |
| AD 96-13-08 08/01/1996 | 723873 | P&W 4000 SERIES ENGINE TO PREVENT AFT CASCADE SUPPORT FRAME ASSEMBLY FAILURE DUE TO CRACKS | REFERENCE AIRCRAFT AIRFRAME AD REORT FOR TR INFO | | | | | | | | N/A | |
| AD 98-19-03 11/09/1998 | 723873 | P & W SERIES ENGINE 2ND STAGE HPT AIRSEAL | NA TO PN INSTALLED PER PW AD STATUS | | | | | | | | N/A | |
| AD 98-23-08 01/12/1999 | 723873 | P & W SERIES ENGINE HPC | NA TO -3 MODEL | | | | | | | | N/A | |
| AD 99-08-15 05/13/1999 | 723873 | SUPERSEDED BY AD 2000-12-02 AND 2002-03-08 | SUPERSEDED BY AD 200-12-02 AND 2002-03-08 | | | | | | | | SUPERSEDED | |

APPROVED BY:

DATE:  **MIAMI** 05/13/2019



SKY LEASE CARGO

**ENGINE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD
N950AR**

ENGINE S/N: 723873
 ENGINE TYPE: PW460-3
 TSN: 56302.50 hrs.min
 CSN: 10141
 TSLSV: 5252
 CSLSV: 1334

| A.D. NOTE | S/B REF. | DESCRIPTION | MOC | LAST COMPLIANCE | | | NEXT COMPLIANCE | | | LIMITERS | REMAINING | STATUS |
|----------------|----------|---|--|-----------------|-------|--------|-----------------|-------|--------|----------|------------|------------|
| | | | | DATE | HOURS | CYCLES | DATE | HOURS | CYCLES | FREQ | HOURS | |
| EFFECTIVE DATE | | | NOTES | | | | | | | | DAYS TO GO | |
| AD 99-15-01 | | P&W SERIES ENGINE TO PREVENT AND UNCAONTAINED DISK FAILURE AND DAMAGE TO THE AIRCRAFT | NA TO PN INSTALLED PER PW AD STATUS REPORT | | | | | | | | | N/A |
| 9/14/1999 | 723873 | | | | | | | | | | | |
| AD 2000-12-02 | | SUPERSEDED BY ADV 2002-03-08 | SUPERSEDED BY ADV 2002-03-08 | | | | | | | | | SUPERSEDED |
| 19/13/2000 | 723873 | | | | | | | | | | | |
| AD 2000-22-01 | | SUPERSEDED BY AD 2001-15-12 | SUPERSEDED BY AD 2001-15-12 | | | | | | | | | SUPERSEDED |
| 1/09/2000 | 723873 | | | | | | | | | | | |
| AD 2001-05-07 | | P & W 4000 SERIES ENGINE LPT 4TH STAGE AIR SEAL | NA TO PN INSTALLED PER PW AD STATUS | | | | | | | | | N/A |
| 13/30/2001 | 723873 | | | | | | | | | | | |
| AD 2001-08-52 | | POWER LOSS DUE TO HPC SURGE | AD 2001-08-52 CNX | | | | | | | | | N/A |
| 14/13/2001 | 723873 | | | | | | | | | | | |

APPROVED BY:

DATE:



[Handwritten Signature]



SKY LEASE CARGO

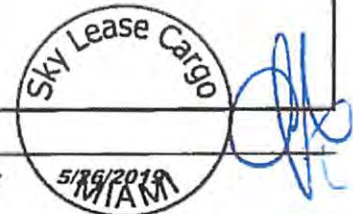
**ENGINE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD
N950AR**

ENGINE S/N: 723873
ENGINE TYPE: PW460-3
TSN: 56302.50 hrs.min
CSN: 10141
TSLSV: 5252
CSLSV: 1334

| A.D. NOTE | S/B REF. | DESCRIPTION | MOC | LAST COMPLIANCE | | | NEXT COMPLIANCE | | | LIMITERS | REMAINING | | STATUS |
|-----------------|----------|-----------------------------|-----------------------------|-----------------|-------|--------|-----------------|-------|--------|----------|-----------|------------|--------|
| | | | | DATE | HOURS | CYCLES | DATE | HOURS | CYCLES | | FREQ | HOURS | |
| AD 2001-09-07 | | SUPERSEDED BY AD 2001-15-12 | SUPERSEDED BY AD 2001-15-12 | | | | | | | | | SUPERSEDED | |
| 15/14/2001 | 723873 | | | | | | | | | | | | |
| AD 2001-15-12 | | SUPERSEDED BY AD 2001-25-11 | SUPERSEDED BY AD 2001-25-11 | | | | | | | | | SUPERSEDED | |
| 18/10/2001 | 723873 | | | | | | | | | | | | |
| AD 2001-20-13 | | SUPERSEDED BY AD 2002-12-15 | SUPERSEDED BY AD 2002-12-15 | | | | | | | | | SUPERSEDED | |
| 11/16/2001 | 723873 | | | | | | | | | | | | |
| AD 2001-25-11 | | SUPERSEDED BY AD 2002-21-10 | SUPERSEDED BY AD 2002-21-10 | | | | | | | | | SUPERSEDED | |
| 11/17/2002 | 723873 | | | | | | | | | | | | |
| AD 2002-03-08 C | | SUPERSEDED BY AD 2005-25-09 | SUPERSEDED BY AD 2005-25-09 | | | | | | | | | SUPERSEDED | |
| 04/16/2002 | 723873 | | | | | | | | | | | | |

APPROVED BY:

DATE:





SKY LEASE CARGO

ENGINE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD N950AR

ENGINE S/N: 723873
 ENGINE TYPE: PW4460-3
 TSN: 56302.50 hrs.min
 CSN: 10141
 TSLSV: 5252
 CSLSV: 1334

| A.D. NOTE | S/B REF. | DESCRIPTION | MOC | LAST COMPLIANCE | | | NEXT COMPLIANCE | | | LIMITERS | REMAINING | | STATUS |
|-----------------|----------|---|---|-----------------|-------|--------|-----------------|-------|--------|----------|-----------|------------|--------|
| | | | | DATE | HOURS | CYCLES | DATE | HOURS | CYCLES | | FREQ | HOURS | |
| AD 2002-12-15 | | TO PREVENT FAILURE OF THE HIGH PRESSURE COMPRESSOR (HPC) FRONT DRUM ROTOR FROM CRACKS | BORESCOPE INSPECTION OF HPC FRONT DRUM ROTOR 6TH AND 7TH STAGE IAW PW SB A72-722 FORM TWM MD11-72-002 RECURRENT 2200 EC | 07/09/2015 | | 8807 | | | 27945 | 19138 | 866 | REPETITIVE | |
| 7/31/2002 | 723873 | | | | | | | | | | | | |
| AD 2002-21-10 C | | SUPERSEDED BY AD 2003-11-18 | SUPERSEDED BY AD 2003-11-18 | | | | | | | | | SUPERSEDED | |
| 1/12/2002 | 723873 | | | | | | | | | | | | |
| AD 2003-11-18 | | SUPERSEDED BY AD 2003-19-15 | SUPERSEDED BY AD 2003-19-15 | | | | | | | | | SUPERSEDED | |
| 7/07/2003 | 723873 | | | | | | | | | | | | |
| AD 2003-19-15 C | 72-755 | TO PREVENT ENGINE TAKEOFF POWER LOSSES DUE TO HIGH PRESSURE COMPRESSOR (HPC) SURGE | SB 72-757 INCORPORATED PER PW AD STATUS REPORT | | | | | | | | | TERMINATED | |
| 0/30/2003 | 723873 | | | | | | | | | | | | |
| AD 2005-25-09 | | TO PREVENT CRITICAL LIFE LIMITED ROTATING ENGINE PART FAILURE | ACCOMPLISH WHEN DISASSEMBLED AT PPE | | | | | | | | | OPEN | |
| 6/12/2006 | 723873 | | | | | | | | | | | | |

APPROVED BY:

DATE: 5/26/2019



SKY LEASE CARGO

**ENGINE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD
N950AR**

ENGINE S/N: 723873
 ENGINE TYPE: PW4460-3
 TSN: 56302.50 hrs.min
 CSN: 10141
 TSLSV: 5252
 CSLSV: 1334

| A.D. NOTE EFFECTIVE DATE | S/B REF. | DESCRIPTION | MOC NOTES | LAST COMPLIANCE | | | NEXT COMPLIANCE | | | LIMITERS | REMAINING | STATUS |
|--------------------------------|------------------|--|---|-----------------|-------|--------|-----------------|-------|--------|----------|-------------------------------|--------|
| | | | | DATE | HOURS | CYCLES | DATE | HOURS | CYCLES | FREQ | HOURS CYCLES DAYS TO GO | |
| AD 2008-24-13 1/08/2009 | 73-214 723873 | TO PREVENT UNCOMMANDED IN FLIGHT ENGINE SHUTDOWN WHICH COULD RESULT IN LOSS OF THRUST | COMPLIED WITH AD 2008-24-13 BY INCORPORATING SB EEC 131-1-73-59 RO BY HAMILTON STANDARD DATED 04/12/11 SN 4000-1480- EEC | | | | | | | | TERMINATED | |
| AD 2010-18-13 0/18/2010 | 723873 | SUPERSEDED BY AD 2012-18-17 | SUPERSEDED BY AD 2012-18-17 | | | | | | | | SUPERSEDED | |
| AD 2010-24-09 2/28/2010 | 723873 | TO PREVENT CRACKING OF NO.3 BEARING OIL PRESSURE TUBES WHICH COULD RESULT IN INTERNAL OIL FIRE | OPEN DUE AT THE NEXT PIECE PART EXPOSURE OF NO 3 BEARING OIL PRESSURE TUBE IAW EMM | | | | | | | | OPEN | |
| AD 2010-24-14 11/21/2011 | 723873 | TO PREVENT FAILURE OF THE HPC 10TH STAGE DISK, UNCONTAINED ENGINE FAILURE AND DAMAGE TO THE AIRPLANE | RCC INCORPORATED @ 7056 EC PER PW AD STATUS REORT | 01/11/2017 | | | 22387 | | 22387 | 4115 | REPETITIVE | |
| AD 2011-25-09 11/10/2012 | 723873 | TO PREVENT FAILURE OF PN 50L879, 53L030 HPT AIRSEALS, WHICH COULD LEAD TO AN UNCONTAINED ENGINE FAILURE. | LIFE LIMITERS REDUCED AND INCORPERATED INTO LLP TRACKING SYSTEM OR @ NEXT PPE | | | | | | | | OPEN | |

APPROVED BY:

DATE:



5/16/2019
WYAM



SKY LEASE CARGO

ENGINE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD N950AR

ENGINE S/N: 7873
 ENGINE TYPE: PW4460-3
 TSN: 56302.50 hrs.min
 CSN: 10141
 TSLSV: 5252
 CSLSV: 1334

| A.D. NOTE | S/B REF. | DESCRIPTION | MOC | LAST COMPLIANCE | | | NEXT COMPLIANCE | | | LIMITERS | REMAINING | STATUS |
|----------------|----------|--|--|-----------------|-------|--------|-----------------|-------|--------|----------|------------|------------|
| | | | | DATE | HOURS | CYCLES | DATE | HOURS | CYCLES | FREQ | HOURS | |
| EFFECTIVE DATE | | | NOTES | | | | | | | | DAYS TO GO | |
| AD 2012-04-04 | | TO PREVENT ENGINE OVERSPEED ON THESE ENGINES WHICH COULD RESULT IN AN UNCONTAINED ENGINE FAILURE AND DAMAGE | NA TO CURRENT FMU INSTALLED PER PW/GT AD REPORT 07/08/15 CURRENT PN 801000-4 SN F23433 | | | | | | | | | N/A |
| 4/05/2012 | 723873 | | | | | | | | | | | |
| AD 2012-06-18 | | TO PREVENT FAILURE OF THE HPT STAGE 1 FRONT HUB WHICH COULD LEAD TO AN UNCONTAINED ENGINE FAILURE AND DAMAGE | SB 72-436 79-76 72-472 PCW PER GT/PW SHOP VISIT AD REPORT | | | | | | | | | TERMINATED |
| 9/28/2012 | 723873 | | | | | | | | | | | |
| AD 2012-14-09 | | 3RD AND 4TH STAGE VANE (LPT) | OPEN DUE AT NEXT OVERHAUL OF THE HPT AND LPT MODULES | | | | | | | | | OPEN |
| 1/07/2012 | 723873 | | | | | | | | | | | |
| AD 2012-18-03 | | TO PREVENT FAILURE OF THE 1ST STAGE HPT AIR SEAL RING WHICH COULD LEAD TO AN INTERNAL OIL FIRE | DUE AT NEXT HPT MODULE REMOVAL | | | | | | | | | OPEN |
| 0/11/2012 | 723873 | | | | | | | | | | | |
| AD 2012-18-17 | | TO PREVENT FAILURE OF HPC DRUM ROTOR DISK ASSEMBLY WHICH COULD LEAD TO AN INCATAINED ENGINE FAILURE. | DUE AT NEXT SHOP VISIT WHEN ANY 13TH, 14TH, OR 15TH STAGE BLADES ARE REMOVED @ PPE | | | | | | | | | OPEN |
| 0/22/2012 | 723873 | | | | | | | | | | | |

APPROVED BY:

DATE:  5/28/2019



SKY LEASE CARGO


**ENGINE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD
N950AR**

ENGINE S/N: 722873
 ENGINE TYPE: PW460-3
 TSN: 56302.50 hrs.min
 CSN: 10141
 TSLSV: 5252
 CSLSV: 1334

| A.D. NOTE EFFECTIVE DATE | S/B REF. | DESCRIPTION | MOC NOTES | LAST COMPLIANCE | | | NEXT COMPLIANCE | | | LIMITERS | REMAINING | STATUS |
|--------------------------------|------------------|--|---|-----------------|-------|--------|-----------------|-------|--------|----------|-------------------------------|--------|
| | | | | DATE | HOURS | CYCLES | DATE | HOURS | CYCLES | FREQ | HOURS CYCLES DAYS TO GO | |
| AD 2012-22-16 2/19/2012 | 723873 | TO PREVENT FAILURE OF THE 3RD STAGE LPT DUCT SEGMENTS WHICH COULD LEAD TO LPT DAMAGE | OPEN DUE AT NEXT PPE | | | | | | | | | OPEN |
| AD 2015-22 03 2/01/2015 | 723873 | TO PREVENT FAILURE OF THE LPT 4TH STAGE IAS | NA TO CURRENT LPT PN INSTALLED PER GT LLP STATUS REPORT CURRENTT PN INSTALLED 50N024 | | | | | | | | | NIA |
| AD 2016-08-09 15/01/2016 | 72-833 723873 | PREVENT FAILURE OF THE HPC 10TH STAGE DISK | INSPECTION DUE AT SHOP VISIT FOR THE HPT HPC LPT | | | | | | | | | OPEN |
| AD 2018-13 02 17/20/2018 | 723873 | To prevent failure of the 4th stage LPT air seal | The next time the 4th stage LPT vanes are removed from the LPT module, remove 4th stage air seal, P/N 50N346, from service and replace with a part eligible for installation. | | | | | | | | | OPEN |

APPROVED BY:

DATE: MIAMI
5/26/2018



Accessories

ENGINE NUMBER: P723873CN
MODEL: PW4462 (-3)

Engine TT: 52534
Engine TC: 9127

| SECT. | IIN | QTY | DESCRIPTION | VENDOR PART NUMBER | P&W PART NUMBER | SERIAL NUMBER | TSN | TSO | TSR | REMARKS |
|-------|-----|-----|---|--------------------|-----------------|---------------|-------|-------|-------|------------------------|
| A2 | 706 | 1 | TRANSDUCER, MOTIONAL PICKUP | NA | 52A183 | CCWKAS5228 | 19761 | 19761 | 19761 | |
| A3 | 738 | 1 | ACTUATOR - COMPRESSOR BLEED 2.5 | 814890-2 | 52G215 | F34509 | 44098 | 10166 | 10166 | |
| A4 | 737 | 1 | STATOR VANE ACTUATOR | 819802-1 | 58H203 | F35352 | 40408 | 10166 | 10166 | |
| A5 | 712 | 1 | EEC (ELECTRONIC ENGINE CONTROL) | 791100-8-110 | 54D249 | 4000-2589 | UNK | UNK | UNK | Group 3 EEC |
| A5A | 713 | 1 | EEC PROGRAMMING PLUG ASSY | NA | 51D411 | UNK | UNK | UNK | UNK | |
| A7A | 721 | 1 | CABLE, IGNITION EXCITER | 10-609860-9 | 50U883 | 4277M | UNK | UNK | UNK | |
| A7A | 721 | 1 | CABLE, IGNITION EXCITER | 10-609860-9 | 50U883 | 5844M | UNK | UNK | UNK | |
| A8 | 702 | 1 | FUEL DISTRIBUTION VALVE | 788386-2 | 53T265 | F21865 | 25256 | 10166 | 10166 | |
| A11 | 720 | 1 | EXCITER, IGNITION | 10-621630-1 | 50T241 | ASGCAJ4862 | UNK | UNK | UNK | |
| A11 | 720 | 1 | EXCITER, IGNITION | 10-621630-1 | 50T241 | ASGCAJ4867 | UNK | UNK | UNK | |
| A12 | 765 | 1 | FUEL/OIL COOLER, IDG | 47111-1204 | 53H869 | CSGCAT3008 | 41892 | 10166 | 10166 | |
| A12 | 763 | 1 | FUEL/OIL COOLER, IDG-BYPASS VALVE | 3831167-105 | 51H338 | 1611 | UNK | UNK | UNK | |
| A13 | 740 | 0 | HPC FLOW CONTROL VALVE (LH) | N/A | N/A | N/A | | | | Removed per S/B 72-757 |
| A13 | 740 | 0 | HPC FLOW CONTROL VALVE (RH) | N/A | N/A | N/A | | | | Removed per S/B 72-757 |
| A14 | 734 | 1 | 2.9 BLEED VALVE (LH) | 1115V0700-6 | 58H247 | 3070C | UNK | UNK | UNK | |
| A14 | 742 | 1 | 2.9 BLEED VALVE (RH) | 1115V0700-6 | 58H247 | 3708C | UNK | UNK | UNK | |
| A15 | NA | 1 | EEC THERMOCOUPLE TT3.5 | 23504-001 | 1B7555 | 726842 | UNK | UNK | UNK | |
| A15A | 750 | 1 | TT4.95 BOX & CABLE | HAD20458 | 50P281 | DSGCAN8145 | UNK | UNK | UNK | |
| A15B | NA | 1 | TT4.95 PROBE | HAD18540 | 50P109 | 887672 | 1483 | 1483 | 1483 | |
| A15B | NA | 1 | TT4.95 PROBE | HAD18540 | 50P109 | 887673 | UNK | UNK | UNK | |
| A15B | NA | 1 | TT4.95 PROBE | HAD18540 | 50P109 | 887674 | UNK | UNK | UNK | |
| A15B | NA | 1 | TT4.95 PROBE | HAD18540 | 50P109 | 887675 | UNK | UNK | UNK | |
| A16 | 707 | 1 | EEC GENERATOR ROTOR | 2704480-1 | 51R141 | 4448 | 22280 | 22280 | 22280 | |
| A16A | 708 | 1 | EEC GENERATOR STATOR | 439070-2 | 52R026 | N11450191 | 1483 | 1483 | 1483 | |
| A17 | 700 | 1 | FUEL PUMP | 825501-12 | 58T229 | 0439 | UNK | 1483 | 1483 | |
| A17A | 703 | 1 | FUEL METERING UNIT | 801000-4 | 53U044 | F23433 | UNK | 1483 | 1483 | |
| A17C | 704 | 1 | FUEL BYPASS VALVE | 813520-1 | 58T798 | F23759 | 29636 | 10166 | 10166 | |
| A17D | 716 | 1 | FUEL DIFFERENTIAL PRESSURE SWITCH | 42D395 | 51U711 | CSGCB17252 | 9668 | 9668 | 9668 | |
| A18 | NA | 1 | PRESSURE SWITCH (1h) | 120837 | 51G160 | UJND05050 | 9668 | 9668 | 9668 | |
| A18 | 745 | 1 | SOLENOID IDG A/O COOLING (1h) | 1109V0300-2 | 52G225 | 3114 | 61536 | 10166 | 10166 | |
| A19 | 741 | 1 | SOLENOID TVBCA & HEAT AIR | 1108V0100-2 | 55H304 | 4395 | UNK | UNK | UNK | |
| A19A | 739 | 1 | PNEUMATIC RELAY VALVE (5h) | 07P95-7 | 52G436 | 3117 | 23851 | 23851 | 23851 | |
| A19A | 744 | 1 | SOLENOID 2.9 BLEED VALVE (5H) | 04P23-12 | 52G515 | 2011 | 29010 | 14622 | 14622 | |
| A20 | 735 | 1 | TURBINE COOLING ACTUATOR (TCC) | 5830201-111 | 58H035 | 0702A | 47799 | 10166 | 10166 | |
| A21 | 731 | 0 | SWITCH TVBC | N/A | N/A | N/A | | | | Removed per S/B 72-757 |
| A21 | 730 | 1 | TVBC VALVE (RH) TURBINE BLADE COOLING VALVE | 1110V0500-6 | 50S018 | 3897C | 43661 | 25140 | 25140 | |
| A21A | 730 | 1 | TVBC VALVE (LH) TURBINE BLADE COOLING VALVE | 1110V0500-6 | 50S018 | 3715C | 49032 | 30996 | 30996 | |
| A21B | 781 | 0 | BEARING 3 BREATHER VALVE | 10P18-10 | 54T389 | N/A | | | | Removed per S/B 75-144 |
| A22 | 732 | 1 | TURBINE CASE COOLING VALVE | 5830202-108 | 56T203 | 1780 | 44922 | 44922 | 44922 | |
| A22A | 733 | 1 | TURBINE CASE COOLING VALVE | 5830203-104 | 52T089 | 1026 | 46807 | 46807 | 46807 | |
| A22B | 736 | 1 | TURBINE COOLING ACTUATOR CABLE | 1605149-002 | 59T756 | CSGCBL4187 | UNK | UNK | UNK | |
| A24 | 002 | 1 | IDG AIR/OIL HEAT EXCHANGER (RH) | 12898-000 | 50G479 | 5047 | 1483 | 1483 | 1483 | |
| A24 | 001 | 1 | IDG AIR/OIL HEAT EXCHANGER VALVE | 798750-1 | 51G761 | F13893 | 37272 | 10166 | 10166 | |
| A25 | 784 | 1 | ENG. AIR/OIL HEAT EXCHANGER (LH) | 15622-000 | 51G859 | 2289 | 34934 | 34934 | 34934 | |
| A25 | 762 | 1 | ENG. AIR/OIL HEAT EXCHANGER VALVE | 788399-6 | 52G217 | F36302 | UNK | UNK | UNK | |
| A27 | 769 | 1 | WIRING HARNESS - EEC (W1) | 420054 | 55T324 | 314 | 36549 | 36549 | 36549 | |
| A27A | 770 | 1 | WIRING HARNESS - EEC (W2) | 420060 | 55T326 | 334 | UNK | UNK | UNK | |



ENGINE NUMBER: P723873CN
 MODEL: PW4462 (-3)

Accessories

Engine TT: 52534
 Engine TC: 9127

| Sec# | IIN | QTY | DESCRIPTION | VENDOR PART NUMBER | P&W PART NUMBER | SERIAL NUMBER | TSN | TSO | TSR | REMARKS |
|------|-----|-----|--|--------------------|-----------------|---------------|-------|-------|-------|---------|
| A27B | 772 | 1 | WIRING HARNESS - EEC (W3) | 46476 | 53T877 | 110 | 46591 | 46591 | 46591 | |
| A27C | 768 | 1 | WIRING HARNESS - EEC (W4) | 420078 | 56T045-002 | 183 | 44528 | 44528 | 44528 | |
| A27D | 773 | 1 | WIRING HARNESS - EEC (W5) | 46478-1 | 53T878-003 | 100 | 39829 | 39829 | 29997 | |
| A27E | 714 | 1 | WIRING HARNESS - EEC (W6) | 420081 | 56T001 | 1214 | UNK | UNK | UNK | |
| A27F | 775 | 1 | WIRING HARNESS - EEC (W7) | 46623 | 53T991 | 095 | 49520 | 49520 | 49520 | |
| A28C | 001 | 1 | WIRING HARNESS - EEC SCU (W11) | 46964 | 54T479 | 046M | UNK | UNK | UNK | |
| A28A | 768 | 1 | SUPPLEMENTAL CONTROL UNIT (SCU) | 2118980-004 | 51D042 | ESF0831 | 41124 | 41124 | 41124 | |
| A28B | 771 | 1 | SUPPLEMENTAL CONTROL UNIT PROGRAM PLUG | N/A | 53T733 | S723873 | 49520 | 49520 | 49520 | |
| A29 | 761 | 1 | MAIN OIL PUMP | 764224 | 51R159 | H0185 | 25108 | 25108 | 25108 | |
| | | | END | | | | | | | |

Gregory Kline

Gregory Kline
 Pratt & Whitney Representative

Date: May 27, 2014

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 The data and information included in this report is a summary only and is not intended as the official documentation for this engine.
 This data is not applicable to any proposed purchase of the engine.

PWEL Form# 1-0-2-1

Form Revision

Original



QEC

ENGINE NUMBER: P723873CN
MODEL: PW4462 (-3)

Engine TT: 52534
Engine TC: 9127

| QTY | DESCRIPTION | VENDOR PART NUMBER | SERIAL NUMBER | TSN | TSO | TSR | REMARKS |
|-----|---|--------------------|---------------|-------|-------|-------|---------|
| 1 | FWD ENGINE MOUNT ASSY | 221-4086-17 | SAM021 | UNK | 1483 | 1483 | |
| 1 | AFT ENGINE MOUNT ASSY | 221-0263-503 | SAM154 | UNK | 1483 | 1483 | |
| 1 | CHECK VALVE 8. STG (LH) | 3202176-3 | 1873 | UNK | UNK | UNK | |
| 1 | CHECK VALVE 8. STG (RH) | 3202176-3 | 1917 | UNK | UNK | UNK | |
| 1 | CORE COMPARTMENT TEMP BULB | 56B17C1 | V9482 | 1483 | 1483 | 1483 | |
| 0 | EXHAUST NOZZLE | 221-51-533 | | | | | Missing |
| 1 | EXHAUST PLUG | 221-4027-511 | 0381 | 34552 | 34552 | 34552 | |
| 1 | FUEL FLOW TRANSMITTER (METER) | 9-217-30 | 1987 | 42221 | 42221 | 42221 | |
| 1 | FUEL PRESSURE TRANSMITTER | 418-04124 | 9040073S | 25674 | 25674 | 25674 | |
| 1 | HIGH STAGE CONTROL VALVE (HIGH PRESS VALVE) | 3290272-6 | 1290 | 24998 | 24998 | 24998 | |
| 1 | HYDRAULIC FILTER MODULE ASSY | ASG0527-5001 | 0221 | UNK | UNK | UNK | |
| 1 | HYDRAULIC PUMP FWD | 350880-6 | MX321345 | 85902 | 13776 | 13776 | |
| 1 | HYDRAULIC PUMP REAR | 350880-6 | MX328792 | 61426 | 9916 | 9916 | |
| 0 | INTEGRATED DRIVE GENERATOR | 750875 | | | | | Missing |
| 1 | IDG ADAPTER | 749885 | 0A3 | UNK | UNK | UNK | |
| 1 | NACELLE (NOSE COWL) ANTI ICE VALVE | 3213868-4 | 716C | UNK | UNK | UNK | |
| 0 | NOSE COWL ANTI ICE VALVE PRESSURE SWITCH | 1103P10-17 | | | | | Missing |
| 1 | OIL DIFF PRESSURE SWITCH | 21SN04-260A | M155 | 24231 | 24231 | 24231 | |
| 1 | OIL LOW PRESSURE SWITCH | 21SN04-259 | L111 | 22517 | 22517 | 22517 | |
| 1 | OIL PRESSURE TRANSMITTER | 418-5124 | 9137197 | 25674 | 25674 | 25674 | |
| 1 | OIL QUANTITY TRANSMITTER | 77-139-3 | 0216B | 31811 | 31811 | 31811 | |
| 1 | PRESSURE REGULATING VALVE | 3290280-3 | 373 | 31044 | 31044 | 31044 | |
| 1 | STARTER (PNEUMATIC) | 774860A4 | 200009014 | UNK | 1483 | 1483 | |
| 1 | STARTER PRESSURE SWITCH | 21SN41-88A | Q159 | UNK | UNK | UNK | |
| 1 | STARTER CONTROL VALVE | 775538-16 | ATLB1485 | 30805 | 1483 | 1483 | |
| 1 | VIBRATION TRANSDUCER | 144-151-000 | 1465 | 24541 | 24541 | 24541 | |
| | END | | | | | | |

Gregory Kline

Gregory Kline
Pratt & Whitney Representative

Date: May 27, 2014

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PWEL Form# 1-0-2-1

Form Revision Original





ENGINE SERVICE BULLETIN STATEMENT.

Engine: ESN 723873
Type: PW4460-3
TSN: 56,302 hrs.
CSN: 10,141 cls.
TSLSV: 5,251 hrs.
CSLSV: 1,334 cls.
CTG: 1,252 cls. (Limiter is: HPT stage 2 int. rear hub.)

Date: June 25th, 2019. Rev 01.

TO WHOM IT MAY CONCERN.

Following a review of the available records at Sky Lease Inc. Engineering & Maintenance, as well as at the aircraft records department, the power plant division herewith confirms, that, to the best of our knowledge, for the period the engine was under our review and based on all available data, the PW4460-3 engine with manufacturer engine serial number ESN 723873, no service bulletins have been accomplished on this engine while on-wing / off-wing.

The undersigned herewith confirms that Sky Lease 1 is the last operator till delivering the engine to ...

For & on behalf of Sky Lease 1 Engineering & Maintenance:

Cees de Regt.
Director of Engineering.
Sky Lease 1.
4200 NW 36th Street,
Building 5A.
Miami, FL 33126
USA.



Enclosed: Latest service bulletin list.

Chul Kim

Team Leader
Powerplant Engineering Team
Korean Air
Serial No : P723873CN

SERVICE BULLETIN Status

Description : ENGINE ASSY

Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

Status : Off

Part No : PW4460-3

| TypNo | Effect P/N | Efect SN | Doc | Orl | Number | Ro | EAO No | Subject | Compl | Sta | Date | ATA | Ref. AD/SB No | |
|-------|------------|-------------|-----------|-----|--------|-----------------|--------|----------|--|-----|------|------------|---------------|--|
| 1 | HPC001P | 84H573 | B27673RC | AD | FAA | 2003-10-15 | 00 | J0331401 | MODIFICATION TO INCORPORATE RING CASE CONFIGURATION (RCC) REAR HPC - MODULE CONFIGURATION | SV | E | 2004-11-02 | 72-00 | AD KCASA 2003-172 SB PWA PW4ENG 72-755 SB PWA PW4ENG 72-756 SB PWA PW4ENG 72-757 |
| 2 | ENG003P | PW4460-3 | P723873CN | AD | FAA | 2005-02-06 | 00 | M0107801 | REPLACE OIL PRESS TRANSMITTER HOSE ASSY | SV | E | 2002-05-29 | 76-00 | AD SRAA 2005-022 ASB MDC MD11-79A008 ASB PWA PW4MD11 A78-9 |
| 3 | | | | AD | KCAB | 2002-128 | 00 | J0221403 | INSPECTION OF PW4000-94" ENG HPC FRONT DRUM ROTOR FOR CRACK | REQ | E | 2004-11-22 | 72-00 | AD FAA 2002-12-15 ASB PWA PW4ENG A72-722 |
| 4 | | | | ASB | MDC | MD11-71A086 | 01 | M9611401 | REWORK AND REPLACEMENT OF IDG WIRE HARNESS SUPPORT BRACKETS | BI | E | 1996-11-19 | 71-00 | AD FAA 2002-14-10 AD KCAB 2002-147 AOW BFGOOD PW4MD11 71-107 |
| 5 | | | | ASB | PWA | PW4ENG A72-438 | 06 | J9219403 | INSPECTION OF NO.4 BEARING COMPARTMENT FOR COKING | REQ | E | 1993-03-25 | 72-00 | |
| 6 | | | | ASB | PWA | PW4ENG A72-693 | 01 | J0923503 | BSI OF 6TH TO 7TH STAGE SPACER AREA FOR CRACKS IN HPC DISK ASSY, FRONT DRUM ROTOR | REQ | E | 1999-07-03 | 72-00 | SB PWA PW4ENG 72-693 |
| 7 | CAS003P | 50J306 | UR4053 | ASB | PWA | PW4ENG A72-753 | 01 | J0228601 | FPI (FLUORESCENT PENETRANT INSPECTION) OF DIFFUSER CASE ASSY | SAD | E | 2003-11-19 | 72-40 | |
| 8 | ENG003P | PW4460-3 | P723873CN | ASB | PWA | PW4ENG A75-51 | 14 | L6922603 | INSPECTION OF PW4000 ENGINE EXTERNAL HARDWARES | REQ | E | 2000-11-01 | 75-00 | SB PWA PW4ENG A75-51 |
| 9 | VLV020P | 3213868-4 | 931C | SB | ALLIED | 3213868-30-1055 | 03 | M9602201 | MODIFY SHUTOFF REGULATOR VALVE | REQ | E | 1998-01-15 | 30-20 | SB MDC MD11-30-010 SB PWA PW4MD11 30-3 |
| 10 | | | | SB | ALLIED | 3213868-30-1061 | 06 | L9833501 | ICE AND RAIN PROTECTION - S/O REGULATOR V/V (APPLICABLE TO A380,MD11) REPLACE THE MATCHED GUIDE | REQ | E | 2004-02-25 | 30-00 | SB PWA PW4MD11-30-9 SB PWA PW4NAC 30-14 |
| 11 | PMP002P | 825501-12 | 0439 | SB | ARGO | ESD 275-7 | 01 | J9041401 | INTRODUCTION OF ANTI-FRETTING PAD ON FUEL PUMP | SAD | E | 2000-03-15 | 73-11 | |
| 12 | | | | SB | ARGO | ESD 275-8 | 00 | J9041501 | INTRODUCTION OF NEW GREASE LUBRICANT | SAD | E | 2000-03-15 | 73-11 | |
| 13 | EDP001A | 350660-6 | MD321345 | SB | EATON | 350660-7-29-29 | 02 | A0021701 | HYDRAULIC POWER - VARIABLE DISPLACEMENT HYDRAULIC PUMP - CARBON SHAFT SEAL FIELD TEST | SV | E | 2004-08-04 | 29-00 | SB EATON 350660-6-29-38 |
| 14 | EDP001A | 350660-6 | MD328792 | SB | EATON | 350660-7-29-29 | 02 | A0021701 | HYDRAULIC POWER - VARIABLE DISPLACEMENT HYDRAULIC PUMP - CARBON SHAFT SEAL FIELD TEST | SV | E | 2001-08-21 | 29-00 | |
| 15 | VLV010P | 3202176-3 | 776C | SB | GARRET | 3202176-36-1545 | 00 | L9201001 | LOW PRESSURE CHECK VALVE | REQ | E | 1995-01-16 | 36-00 | |
| 16 | VLV020P | 3213868-4 | 931C | SB | GARRET | 3213868-30-1055 | 00 | L9310401 | ICE & PROTECTION - S/O REG V/V - REWORK THE SAW PLATE AND REPLACE TUBE, ADAPTER ASSY, POPPET VVA | REQ | E | 1998-01-15 | 30-00 | SB PWA PW4NAC 30-11 |
| 17 | VLV034K | 07P95-7 | 3117 | SB | GRIMES | 07P95-75-SB03 | 00 | J9921201 | MODIFICATION-PNEUMATIC RELAY VALVE POPPET REPLACEMENT | F5V | E | 2000-10-10 | 75-00 | SB HONEYW 07P95-75-1058 SB HONEYW 07P95-75-SB04 SB PWA PW4ENG 75-138 SB PWA PW4G-100-75-27 SB PWA PW4G-112-75-32 |
| 18 | VLV037P | 1110V0500-6 | 3857C | SB | GRIMES | 1110V0500-SB01 | 00 | J9916702 | REPLACE PISTON RING & EXPANDER OF TURBINE BLADE/VANE COOLING AIR V/V | SAD | E | 1996-07-28 | 75-24 | |

Issue Date : 2005.10.07

1

Issued By : 김선환



Chul Kim

Team Leader
Powerplant Engineering Team
Korean Air

SERVICE BULLETIN Status

Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

Part No : PM460-3

Serial No : P723873CN

Description : ENGINE ASSY

Status : CR

| Part No | Type | Effect PN | Effect SN | Doc | Orl | Number | R# | EAO No | Subject | Compl | Sta | Date | ATA | Ref. AD/ SB No |
|---------|---------|--------------|-----------|-----|--------|-------------------|----|----------|--|-------|-----|------------|-------|--|
| 19 | VLV037P | 1110V0300-6 | 3715C | SB | GRMES | 1110V0300-5801 | 00 | J8818702 | REPLACE PISTON RING & EXPANDER OF TURBINE BLADE/VANE COOLING AIR VLV | SAD | E | 1999-02-02 | 75-24 | |
| 20 | VLV035P | C4P23-12 | 2011 | SB | HONEYW | 04P23-75-5805 | 01 | J9951101 | SOLENOID, BLEED VALVE, 2.9 START/STABILITY - REPLACEMENT OR MOD OF TO INTRODUCE A SOLENOID WITH IMPR | OVH | E | 2004-05-11 | 75-00 | SB PWA PW4ENG 75-140 SB PWA PW4G-100-75-79 |
| 21 | | | | SB | HONEYW | 04P23-75-5805 | 01 | J9951102 | SOLENOID, BLEED VALVE, 2.9 START/STABILITY - REPLACEMENT OR MOD OF TO INTRODUCE A SOLENOID WITH IMPR | OVH | E | 2004-05-11 | 75-00 | SB PWA PW4ENG 75-140 SB PWA PW4G-100-75-29 |
| 22 | VLV035P | 1115V0700-6 | 3070C | SB | HONEYW | 1115V0700-75-1040 | 01 | V0222203 | MODIFY VALVE TO REPLACE SEAL ASSEMBLY FOR PW4000-84 INSTALLATION | REP | E | 2004-03-13 | 75-00 | SB PWA PW4ENG 75-146 SB PWA PW4G-100-75-34 |
| 23 | VLV005P | 1115V0703-9 | 3700C | SB | HONEYW | 1115V0700-75-1040 | 01 | V0222203 | MODIFY VALVE TO REPLACE SEAL ASSEMBLY FOR PW4000-84 INSTALLATION | REP | E | 2004-03-22 | 75-00 | SB PWA PW4ENG 75-146 SB PWA PW4G-100-75-34 |
| 24 | GEN003P | 750875 | 017: | SB | HSD | 120EG6011-24-28 | 00 | M0001301 | REPLACE CURRENT TRANSFORMERS | FSV | E | 2004-07-18 | 24-00 | |
| 25 | EEC007P | 761100-6-110 | 4000090 | SB | HSD | E6C131-73-29 | 00 | M9217101 | MODIFICATION OF EEC WITH NEW SOFTWARE | REQ | E | 2004-06-24 | 73-00 | SB PWA PW4ENG 73-128 |
| 26 | ENG003P | PM4460-J | P723873CN | SB | HSD | GTA41-1-75-10 | 01 | J8826603 | MOD OF SVA TO INCORP IMPROVED LVDT ADJUSTMENT | REQ | E | 2004-11-22 | 75-31 | SB PWA PW4ENG 75-132 SB PWA PW4G-100-75-24 SB PWA PW4G-112-75-25 |
| 27 | ACT004P | B19802-1 | F35357 | SB | HSD | GTA41-1-75-10 | 01 | J8826605 | MOD OF SVA TO INCORP IMPROVED LVDT ADJUSTMENT | FSV | E | 2001-05-18 | 75-31 | SB PWA PW4ENG 75-132 SB PWA PW4G-100-75-24 SB PWA PW4G-112-75-25 |
| 28 | | | | SB | HSD | GTA41-1-75-6 | 03 | J8430501 | MODIFICATION OF STATOR VANE TO ADD SHAFT SCRAPER | OVH | E | 2001-08-18 | 75-00 | SB PWA PW4ENG 75-138 |
| 29 | | | | SB | HSD | GTA41-1-75-8 | 00 | J9703401 | ADD IOCTITE TO LVDT COUPLING PIN AND COUPLING | REQ | E | 2001-08-18 | 73-00 | |
| 30 | VLV003P | B13520-1 | F23759 | SB | HSD | GTA45-1-73-2 | 00 | J8007801 | REPLACE BLACK PERFORMED PACKINGS WITH BROWN PERFORMED PACKINGS - FUEL BYPASS | OVH | E | 2004-03-20 | 73-00 | |
| 31 | FMU001P | 601000-3 | F29377 | SB | HSD | JFC131-2-73-10 | 01 | J9632601 | ADD A WREERLESS GUIDE SHAFT FOR THE PRESSURE REGULATING VLV | REQ | E | 1996-11-19 | 73-00 | |
| 32 | | | | SB | HSD | JFC131-2-73-12 | 01 | J9543501 | REPLACEMENT OF START-RUN SOLENOID THAT HAS A REDISIGNED COIL WINDING | FSV | E | 1995-11-19 | 73-00 | |
| 33 | | | | SB | HSD | JFC131-2-73-14 | 00 | J9813301 | REPLACEMENT OF INCORRECT MATERIAL PACKING IN FUEL METERING UNIT | FSV | E | 1996-11-18 | 73-21 | |
| 34 | | | | SB | HSD | JFC131-2-73-17 | 01 | J9713401 | REPLACEMENT OF ALL INCORRECT MATERIAL PACKING IN FMU | FSV | E | 2001-04-11 | 73-00 | |
| 35 | | | | SB | HSD | JFC131-2-73-8 | 01 | J9221701 | INCORPORATION OF IMPROVED FMU PRESSURE SWITCH | REQ | E | 1994-07-20 | 73-00 | |
| 36 | | | | SB | HSD | JFC131-2-73-9 | 00 | J9430701 | ADD A NEW TORQUE MOTOR AND CONTACTS | FSV | E | 1995-09-20 | 73-00 | SB PWA PW4ENG 73-155 |
| 37 | VLV014P | 77553B-15 | 960912 | SB | HSD | PS700-80-4770 | 00 | L9810701 | CHANGE OF THE PIN THAT RETAINS THE SWITCH LEVER | SAD | E | 2004-03-31 | 80-12 | SB MD MD11-80-019 SB PWA PW4MD11 80-10 SB PWA PW4NAC 80-13 |
| 38 | VLV002P | 788309-6 | F38302 | SB | HSS | GTA43-1-75-14 | 00 | J0123101 | AIR - AIR/OIL COOLER VALVE - REMOVAL OF SHIM AND RETAINING SNAP RING | FSV | E | 2004-10-05 | 75-24 | |
| 39 | FMU001P | 801000-3 | F29372 | SB | HSS | JFC131-2-73-18 | 02 | J9806701 | ADD EPOXY TO RESOLVER COVER SCREWS OF FUEL METERING UNIT | REQ | E | 2003-06-23 | 73-00 | |

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2

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Chul Kim

Team Leader
Powerplant Engineering Team
Korean Air
Serial No : P723873CN



Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

SERVICE BULLETIN Status

Description : ENGINE ASSY

Status : CN

Part No : PW4460-3

| Part No | TypNo | Effect P/N | Effect S/N | Doc | Orl | Number | Re | EAO No | Subject | Comp | Sta | Date | ATA | Ref. AD/SS No |
|---------|---------|---------------|------------|-----|--------|----------------|----|----------|--|------|-----|------------|-------|--|
| 40 | ENG003P | PW4460-3 | P723873CN | SB | MDC | MD11-20-017 | 00 | M9307602 | REPLACE HYD HOSE BLOCK CLAMPS ON GEARBOX OF ENG 1,2 AND 3. | REQ | E | 1994-05-23 | 29-00 | |
| 41 | | | | SB | MDC | MD11-71-019 | 00 | M9304701 | INSP/MOD FORWARD ENGINE MOUNT BOLT RETAINER. | REQ | E | 1994-05-23 | 71-00 | SB PWA PW4MD11 71-38 |
| 42 | | | | SB | MDC | MD11-71-038 | 00 | M9312302 | REPLACE NACELLE WIRE HARNESS CONNECTOR BACKSHELLS & THRUST REVERSER WIRE HARNESS SUPPORT BRACKET | REQ | E | 1996-05-28 | 71-00 | SB PWA PW4MD11 71-11 |
| 43 | | | | SB | MDC | MD11-71-038 | 00 | M9317101 | REPLACE NACELLE WIRE HARNESS CONNECTOR BACKSHELL | SV | E | 1996-05-28 | 71-00 | |
| 44 | | | | SB | MDC | MD11-71-357 | 00 | M9434801 | REPLACE STATOR VANE ACTUATOR VANE AND ENGINE FIRE EXTINGUISHER SYSTEM BRACKET | REQ | E | 1996-05-28 | 71-00 | SB PWA PW4MD11 71-84 |
| 45 | ACT003P | 5830201-111 | 0702A | SB | PARKER | 5830201-75-100 | 31 | J9920503 | UPGRADE TO 5830201-111 BY INCORPORATING AN IMPROVED E.H.S.V. | REQ | E | 2004-08-25 | 75-00 | SB PWA PW4ENG 75-137 |
| 46 | | | | SB | PARKER | 5830201-75-83 | 00 | J9321201 | MODIFICATION OF TCC AIR VALVE ACTUATOR-10 INCORPORATE IMPROVED PISTON SHAFT SEAL | REQ | E | 2004-08-25 | 75-24 | SB PWA PW4ENG 75-104 |
| 47 | | | | SB | PARKER | 75-74 | 00 | J9316302 | REMOVAL OF RAIL CAP FROM THE TCC ACTUATOR | REQ | E | 2004-08-25 | 75-24 | SB PARKER 5830201-75-100 SB PWA PW4ENG 75-100 |
| 48 | ENG003P | PW4460-3 | P723873CN | SB | PW | PW4M11-80-2 | 00 | M9310802 | PW4000 ENG UPPER SUPPLY DUCT ASSY MOD | REQ | E | 1996-05-28 | 80-00 | SB PW PW4NAC-80-7 |
| 49 | | | | SB | PW | PW4MD11 71-85 | 00 | M9321201 | REWORK OF IDG HEATSHIELD | SV | E | 1996-11-19 | 71-00 | SB MDC M11-71-066 |
| 50 | | | | SB | PW | PW4MD11-71-89 | 00 | M9411801 | RIGHT CORE HARNESS-CONNECTOR BACKSHELL - REPLACEMENT | REQ | E | 1996-05-28 | 71-00 | SB MDC MD11-71-064 |
| 51 | FNC001P | 50D901ASSY | C8DUAJ4673 | SB | PWA | PW4ENG 72-175 | 00 | L8903901 | REPLACEMENT OF FLANGE "C" EEC HARNESS SUPPORT BRACKET | SAD | E | 1996-04-23 | 72-00 | |
| 52 | DIF001P | PW4000DF | W82973 | SB | PWA | PW4ENG 72-243 | 01 | J8906001 | MODIFICATION OF DIFFUSER CASE TUBE LOCK. | SAD | E | 2004-10-19 | 72-41 | |
| 53 | FRG001P | 60A786-01 | W50009 | SB | PWA | PW4ENG 72-296 | 01 | J8024301 | MODIFICATION OF FAN EXIT FAIRING ASSY TO INCORP REINFORCED I/E SHIELD | REQ | P | | 72-31 | |
| 54 | HPT001P | 33L090 | C24330 | SB | PWA | PW4ENG 72-389 | 03 | J9113301 | REPLACEMENT / MODIFICATION OF HPT COOLING DUCT DEFLECTOR | SAD | E | 1994-01-05 | 72-41 | |
| 55 | | | | SB | PWA | PW4ENG 72-374 | 01 | J9128201 | FPI ON HPT 2ND STAGE BLADES TRAILING EDGE FOR CRACKS | SAD | E | 1994-01-05 | 72-50 | |
| 56 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-375 | 04 | J9309203 | REPLACEMENT OF PMA SYSTEM HARDWARE. | REQ | E | 1994-04-29 | 72-00 | |
| 57 | TEC001P | 50P174-01ASSY | V06259 | SB | PWA | PW4ENG 72-385 | 00 | J9128701 | MODIFICATION OF NO.4 BEARING COVER TO INCLUDE JACKSCREW HOLES | SAD | E | 1994-01-05 | 72-50 | |
| 58 | HPT001P | 33L090 | C24330 | SB | PWA | PW4ENG 72-390 | 00 | J9128901 | AVAILABILITY OF ENGINE HPT 2ND STAGE BLADE COVER | REQ | E | 1995-12-22 | 72-50 | |
| 59 | DAC001P | 51G478ASSY | CCWKAH5611 | SB | PWA | PW4ENG 72-394 | 02 | J9141001 | REPLACEMENT OF NO.2 BRG PRESSURE TUBE WITH A NO.2 BRG DAMPER S/O VV. | SAD | E | 1997-02-11 | 72-34 | |
| 60 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-397 | 02 | J9149203 | REPLACEMENT OF FUEL SUPPLY TUBE LOOP CLAMP BRACKET ON FLANGE "C". | SAD | E | 1994-05-06 | 72-00 | |
| 61 | | | | SB | PWA | PW4ENG 72-419 | 03 | J9144603 | INSPECTION OF HPC SYNCHRONIZING RING RUNNER | REQ | E | 1992-01-13 | 72-35 | |
| 62 | | | | SB | PWA | PW4ENG 72-416 | 03 | J9310903 | INSPECTION OF HPC VARIABLE STATOR VANE ARM CONDITION. | REQ | E | 1993-05-24 | 72-00 | |

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Chul Kim

Team Leader
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Korean Air
Serial No : P723873CN



Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

Status : CW

Part No : PW4460-3

SERVICE BULLETIN Status

Description : ENGINE ASSY

| Part No | TypNo | Effect PN | Effect SN | Doc | Orl | Number | Re | EAO No | Subject | Compl | Sta | Date | ATA | Ref. AD/SS No |
|---------|---------|--------------|-----------|-----|-----|---------------|----|----------|---|-------|-----|------------|-------|---------------|
| 63 | | | | SB | PWA | PW4ENG 72-422 | 04 | J9216303 | BORESCOPE INSPECT HPT 1ST STAGE BLADE FOR AIRFOIL BULGE | FSV | E | 1992-05-29 | 72-00 | |
| 64 | | | | SB | PWA | PW4ENG 72-446 | 01 | J9221403 | INSPECTION AND APPLICATION OF SEALANT/ADHESIVE OF HPC 5,6,7TH STAGE BLADE | REQ | P | | 72-51 | |
| 65 | | | | SB | PWA | PW4ENG 72-450 | 06 | J9222703 | REPLACE THE NO3 BEARING SCAVENGER TUBE COUPLING NUT. | REQ | E | 1993-03-27 | 72-40 | |
| 66 | | | | SB | PWA | PW4ENG 72-455 | 00 | J9301203 | REPLACETHE NO3 BEARING BREATHER TUBE COUPLING NUT | FSV | E | 1994-04-20 | 72-40 | |
| 67 | LPT001P | 62N700 | D0616A | SB | PWA | PW4ENG 72-461 | 05 | J9330001 | NEW SHEET METAL SEAL TOLPT 3RD STG TRANSITION DUCT | SAD | E | 1996-04-01 | 72-53 | |
| 68 | HPT001P | 53L090 | C24330 | SB | PWA | PW4ENG 72-482 | 03 | J9332401 | MODIFICATION OF HPT MODULE | SAD | E | 1999-07-02 | 72-52 | |
| 69 | MGB001P | 58R100-02 | F24832 | SB | PWA | PW4ENG 72-483 | 04 | J9314801 | INCORP IMPROVED ASSY FEATURED OIL PUMP BEARING AND GEARSHAFT. | SAD | E | 2004-07-29 | 72-61 | |
| 70 | | | | SB | PWA | PW4ENG 72-483 | 06 | J9703603 | INCORPORATION OF IMPROVED ASSY FEATURED OIL PUMP BEARING AND GEARSHAFT | SAD | E | 2004-07-29 | 72-62 | |
| 71 | | | | SB | PWA | PW4ENG 72-483 | 06 | J9703602 | INCORPORATION OF IMPROVED ASSY FEATURED OIL PUMP BEARING AND GEARSHAFT | SAD | E | 2004-07-29 | 72-62 | |
| 72 | | | | SB | PWA | PW4ENG 72-483 | 06 | J9703601 | INCORPORATION OF IMPROVED ASSY FEATURED OIL PUMP BEARING AND GEARSHAFT | SAD | E | 1998-10-04 | 72-62 | |
| 73 | HPC001P | 58H573 | B27673RC | SB | PWA | PW4ENG 72-465 | 04 | J9321001 | REPLACE OF HPC 6-6TH BLADES | ATR* | P | | 72-35 | |
| 74 | HPT001P | 53L090 | C24330 | SB | PWA | PW4ENG 72-486 | 02 | J9330501 | INCORPORATION OF THERMAL BARRIER COATING ON 1st STAGE TURBINE BLADES | SAD | E | 1995-12-22 | 72-52 | |
| 75 | TEC001P | 50P174-01A55 | VU8259 | SB | PWA | PW4ENG 72-472 | 05 | J9316401 | MODIFICATION OF NO.4 BEARING DAT93189 DRC93189 RES9 | REQ | E | 1993-11-16 | 72-00 | |
| 76 | HPC001P | 58H573 | B27673RC | SB | PWA | PW4ENG 72-474 | 03 | J9332501 | REMOVE PAINT FROM INNER DIAMETER OF HPC (GV, 5TH, 6TH, 7TH STG SYNCHRONIZING RING | SAD | E | 2001-06-19 | 72-35 | |
| 77 | | | | SB | PWA | PW4ENG 72-477 | 00 | J9335301 | REPLACEMENT OF VSV CLASSIFIED SPACER WITH UNCLASSIFIED SPACERS. | SAD | E | 2001-06-19 | 72-00 | |
| 78 | ENG003P | PW4460-3 | F723873CN | SB | PWA | PW4ENG 72-478 | 02 | J0317803 | ONE TIME ULTRASONIC INSPECTION OF THE PART SPAN SHROUD ON FAN BLADE | REQ | E | 1993-03-29 | 72-30 | |
| 79 | | | | SB | PWA | PW4ENG 72-479 | 00 | J9331903 | INSPECTION AND APPLICATION OF RTV159 ON RIVET PIN HEADS OF HPC UNISON RING VANE ARM | REQ | P | | 72-35 | |
| 80 | | | | SB | PWA | PW4ENG 72-480 | 00 | J9351503 | MODIFICATION OF THE 5TH,6TH AND 7TH STAGE ROD END CLEVIS. | SAD | C | 2001-10-03 | 72-30 | |
| 81 | | | | SB | PWA | PW4ENG 72-483 | 02 | J9413503 | REPLACEMENT OF STATOR VANE ACTUATOR SUPPORT BRACKET ASSY WITH INCREASED | SAD | E | 2001-10-08 | 72-00 | |
| 82 | HPC001P | 58H573 | B27673RC | SB | PWA | PW4ENG 72-484 | 03 | J9413001 | REPLACEMENT OR MODIFICATION TO THICK ALUMINUM OXIDE TIPPED 9TH-15TH HPC BLADES FOR TIP GRINDING | SAD | E | 2001-08-19 | 72-35 | |
| 83 | | | | SB | PWA | PW4ENG 72-485 | 04 | J9414101 | REPLACEMENT OF 5TH, 6-7TH STAGE SHROUD SET WITH NON-PHE-7RENCHED RUBSTRIP | SAD | E | 2001-08-16 | 72-35 | |

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Chul Kim

Team Leader
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Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

Status : OK

SERVICE BULLETIN Status

Part No : PW4460-3

Serial No : P723873CN

Description : ENGINE ASSY

| Part No | Effect P/N | Effect B/N | Doc | Orl | Number | Re | EAQ No | Subject | Compl | Sta | Date | ATA | Ref. AD/SB No | |
|---------|------------|------------|------------|-----|---------------|---------------|----------|---|--|-----|------------|------------|--|-----------------------------------|
| 84 | | | SB | PWA | PW4ENG 72-486 | 02 | J9414001 | MODIFICATION OF 8TH, 9-10TH, 11-12TH, 13-14TH HPC STATOR SET - ALUMINUM BRONZE COATING ON HOOKS | SAD | E | 2001-06-16 | 72-35 | | |
| 85 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-480 | 01 | M3404701 | CONVERSION OF PW4460 ENGINE TOPPW4480(-3) | REQ | E | 1996-04-12 | 72-00 | |
| 86 | MGB001P | 58R100-02 | F24832 | SB | PWA | PW4ENG 72-491 | 05 | J9403201 | INCORPORATION OF A JOURNAL BEARING AND DEDICATED OIL SUPPLY FOR DEOLER IDLER | FSV | E | 1997-01-16 | 72-00 | |
| 87 | | | SB | PWA | PW4ENG 72-491 | 06 | J9403203 | INCORPORATION OF A JOURNAL BEARING AND DEDICATED OIL SUPPLY FOR DEOLER IDLER | FSV | E | 2004-07-29 | 72-00 | | |
| 88 | | | SB | PWA | PW4ENG 72-491 | 06 | J9403202 | INCORPORATION OF A JOURNAL BEARING AND DEDICATED OIL SUPPLY FOR DEOLER IDLER | FSV | E | 2004-07-29 | 72-00 | | |
| 89 | | | SB | PWA | PW4ENG 72-491 | 06 | J9403204 | INCORPORATION OF A JOURNAL BEARING AND DEDICATED OIL SUPPLY FOR DEOLER IDLER | REQ | E | 2004-07-29 | 72-00 | | |
| 90 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-495 | 01 | J9402003 | REPALCE THE AFT SVA BELLCRANK BRG OPTION WITH A THRUST BRG | SAD | E | 1996-04-12 | 72-30 | |
| 91 | | | SB | PWA | PW4ENG 72-498 | 02 | J9407103 | INSTALLTHE BEARING STOP BOLTS FROM THE OPPOSITE DIRECTION & ADD AWASHER | SAD | E | 1996-04-12 | 72-30 | | |
| 92 | | | SB | PWA | PW4ENG 72-499 | 00 | J8530703 | PW4000 SERIES ENGINE ON-WING INTERMIX MANAGEMENT | REQ | E | 1998-12-17 | 72-00 | SB PWA PW4ENG 72-517 SB PWA PW4ENG 72-518 SB PWA PW4ENG 72-520 SB PWA PW4ENG 72-521 | |
| 93 | | | SB | PWA | PW4ENG 72-536 | 02 | J9415103 | REPLACEMENT OF VARIABLE STATOR NUTS AND WASHERS | FSV | E | 1998-11-19 | 72-30 | | |
| 94 | | | SB | PWA | PW4ENG 72-507 | 03 | J9412103 | ADDITION OF CLAMP ON ANGLE GEARBOX PRESSURE TUBE ASSY | REQ | E | 1996-05-21 | 79-00 | | |
| 95 | LPT001P | 52N700 | D0618A | SB | PWA | PW4ENG 72-513 | 00 | J9422501 | REPLACEMENT/MODIFY THE 3RD STG SEALING RING SUPPORT ASSY AND 3RD STG LPT DUCT SEGMENTS WITH PW453-5 HARD COATING | SAD | E | 1993-04-01 | 72-00 | |
| 96 | DF001P | PW4000DF | WB2673 | SB | PWA | PW4ENG 72-514 | 03 | J9423001 | MODIFICATION OF 1ST STAGE TURBINE VANE & TOBI DUCT. | SAD | E | 1998-06-30 | 72-00 | AD FAA 98-23-08 AD KCAB 98-185 |
| 97 | IMC001P | 51G478ASSY | CCWKAN1611 | SB | PWA | PW4ENG 72-523 | 02 | J9417101 | REPLACEMENT OF AGB AND UPPER TOWERSHAFT BEARINGS | SV | E | 1987-02-11 | 72-60 | |
| 98 | AGB001P | 51G000-01 | GRUAAH1017 | SB | PWA | PW4ENG 72-523 | 02 | J9417102 | REPLACEMENT OF AGB AND UPPER TOWERSHAFT BEARINGS | SV | E | 1995-11-17 | 72-60 | |
| 99 | MGB001P | 58R100-02 | F24832 | SB | PWA | PW4ENG 72-524 | 06 | J9531201 | REPLACEMENT OF MAIN OIL FILTER COVER ATTACHEMENT BOLT WITH STUD | SAD | E | 1997-01-18 | 72-00 | |
| 100 | | | SB | PWA | PW4ENG 72-525 | 08 | J9531001 | INCORPORATION OF DUAL OIL FILTER HOUSING | SAD | E | 1997-10-23 | 72-00 | SB AIA300-72-8026 | |
| 101 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-526 | 01 | J9506603 | REPLACEMENT OF COMPRESSOR STATOR CYLINDER SUPPORT ASSY ATTACHING BOLT | SAD | E | 2002-04-25 | 72-35 | |
| 102 | | | SB | PWA | PW4ENG 72-531 | 02 | J9416103 | PW4000 GEARBOX MAIN OIL PUMP DRIVE (M8-16) BEARING REPLACEMENT | REQ | E | 1996-04-17 | 72-00 | SI PWA 142F-04 | |
| 103 | FNC001P | 50D901ASSY | CBDUJA4673 | SB | PWA | PW4ENG 72-535 | 02 | J9426201 | INCORPORATION OF A NEW PIN WITH A GREATER SHEAR SECTION FOR 2.5 BLD VV | SAD | E | 1998-04-23 | 72-00 | |
| 104 | MGB001P | 58R100-02 | F24832 | SB | PWA | PW4ENG 72-538 | 01 | J9425601 | MAIN GEARBOX LUG - INCORPORATION OF A LUG THAT HAS A THREADED CENTER HOLE | SAD | E | 1997-01-18 | 72-55 | |

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5

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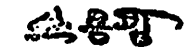


Chul Kim

Team Leader
Powerplant Engineering Team
Korean Air
Serial No : P723873CN

SERVICE BULLETIN Status

Description : ENGINE ASSY


Y. K. Park
Contract Manager
Quality Assurance
KOREAN AIR

Status : CW

Part No : PW4460-3

| Part No | TypNo | Effect P/W | Effect S/N | Doc | Orl | Number | Re | EAD No | Subject | Compl | Sta | Date | ATA | Ref. AD/SS No |
|---------|---------|------------|------------|-----|-----|---------------|----|----------|--|-------|-----|------------|-------|--------------------|
| 105 | OIF001P | PW4000DF | WB2973 | SB | PWA | PW4ENG 72-542 | 01 | J9501801 | REPLACE COMBUSTION CHAMBER GUIDE PLATE ASSEMBLY & ATTACHMENT BOLTS | REQ | E | 1998-08-29 | 72-61 | |
| 106 | LPC001P | 508300 | A27529 | SB | PWA | PW4ENG 72-544 | 02 | J9501401 | 1.6 STAGE LPC BLADE - REPLACEMENT OR MODIFICATION TO PROVIDE BEED PEENED AIRFOIL | SAD | E | 1999-11-22 | 72-30 | |
| 107 | HPC001P | 58H573 | 827873RC | SB | PWA | PW4ENG 72-657 | 03 | J9421701 | REPLACEMENT OF REDESIGNED 6TH HIGH COMPRESSOR BLADE | FSV | P | | 72-35 | MEM PWA 72-35-8002 |
| 108 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-573 | 01 | J9521803 | REMOVAL OF NON LINED REARING DETAIL OF 5VA LINKAGE ROD END | FSV | E | 1998-11-19 | 72-00 | |
| 109 | HPC001P | 58H573 | 827873RC | SB | PWA | PW4ENG 72-575 | 02 | J9518001 | INCORPORATION OF ZIRCONIUM BLADE TIP COATING ON HPC 13,14 & 15TH STAGE BLADE | SAD | E | 2001-06-18 | 72-35 | |
| 110 | LPT001P | 52N700 | D0818A | SB | PWA | PW4ENG 72-578 | 03 | J9611701 | MOD OF THE REAR TURBINE CASE ASSY FRONT ID RAIL ANTI-ROTATION SLOT TO IMPROVE DURABILITY | SAD | E | 1998-04-01 | 72-60 | |
| 111 | | | | SB | PWA | PW4ENG 72-578 | 03 | J9611801 | MOD OF LPT 3RD THRU 6TH STAGE VANE CLUSTER ASSY ANTI-ROTATION SLOT & ADD STRESS RELIEF SLOT | SAD | E | 1998-04-01 | 72-60 | |
| 112 | | | | SB | PWA | PW4ENG 72-580 | 02 | J9611901 | MOD OF LPT 3RD THRU 6TH STAGE CLUSTER ASSY TO PROVIDE A NEW VANE LOCK WITH MORE BEARING AREA | SAD | E | 1998-04-01 | 72-60 | |
| 113 | LPC001P | 50R500 | A27529 | SB | PWA | PW4ENG 72-582 | 02 | J9541001 | REPLACEMENT OF LPC,HPC,LPT,HPT IDENTIFICATION PLATES TO PROVIDE AN ADDITIONAL DATA FIELD | FSV | E | 1999-11-22 | 72-30 | |
| 114 | LPT001P | 52N700 | D0818A | SB | PWA | PW4ENG 72-582 | 02 | J9541002 | REPLACEMENT OF LPC,HPC,LPT,HPT IDENTIFICATION PLATES TO PROVIDE AN ADDITIONAL DATA FIELD | FSV | E | 1998-04-01 | 72-30 | |
| 115 | AGB001P | 51G000-01 | CRUAAH1517 | SB | PWA | PW4ENG 72-584 | 03 | J9542201 | REPLACEMENT OF ANGLE GEARBOX BEARING & NOZZLE | SAD | E | 1995-11-17 | 72-60 | |
| 116 | | | | SB | PWA | PW4ENG 72-584 | 03 | J9542203 | REPLACEMENT OF ANGLE GEARBOX BEARING & NOZZLE | SAD | E | 2000-03-07 | 72-60 | |
| 117 | | | | SB | PWA | PW4ENG 72-584 | 03 | J9542202 | REPLACEMENT OF ANGLE GEARBOX BEARING & NOZZLE | SAD | E | 2000-03-07 | 72-60 | |
| 118 | HPC001P | 58H573 | 827673RC | SB | PWA | PW4ENG 72-589 | 01 | J9544301 | MODIFICATION OF HPC 6,7,8TH STAGE BLADE TO INCORPORATE IMPROVED BLADE ROOTS | SAD | P | | 72-35 | |
| 119 | LPT001P | 52N700 | D0818A | SB | PWA | PW4ENG 72-597 | 02 | J9613001 | MOD TO REMOVE THE PWA 75-19(NICKEL GRAPHITE) COATING FROM LPT 6th BLADE | SAD | E | 1998-04-01 | 72-60 | |
| 120 | CMB003P | 50J844-01 | CJNBAH8577 | SB | PWA | PW4ENG 72-601 | 01 | J9612402 | MOD OF TO INCORPORATE AN I DAT85128 DRC96128 RES0 | SAD | P | | 72-40 | |
| 121 | FNC001P | 60D901ASSY | C8DUAJ4673 | SB | PWA | PW4ENG 72-612 | 01 | J9619001 | REPLACEMENT OF WITH LONGER BOLT - FAN CASE | SAD | E | 1998-04-23 | 72-33 | |
| 122 | HPT001P | 53L090 | C24330 | SB | PWA | PW4ENG 72-615 | 01 | J9616301 | REPLACE OR MODIFY PHASE-3 HPT 2ND BLADE TO PROVIDE A BLADE WITH IMPROVED PROTECTIVE COATING | FSV | E | 1999-07-02 | 72-50 | |
| 123 | MGB001P | 58R100-02 | F24832 | SB | PWA | PW4ENG 72-616 | 00 | J9628801 | INCORPORATION OF INCREASED NUT TORQUE ON DECLER IDLER BEARING (MB-11) | FSV | E | 1999-04-24 | 72-60 | |
| 124 | HPT001P | 53L090 | C24330 | SB | PWA | PW4ENG 72-627 | 02 | J9632501 | INTRODUCE IMPROVED COOLING DAT96346 DRC96346 RES0 | REQ | E | 1999-07-02 | 72-00 | |

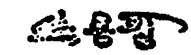
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Chul Kim

Team Leader
Powerplant Engineering Team
Korean Air
Serial No : P723873CN


Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

SERVICE BULLETIN Status

Description : ENGINE ASSY

Status : CW

Part No : PW4460-3

| Part No | TypNo | Effect P/N | Effect S/N | Doc | Ort | Number | Re- | EAO No | Subject | Compl | Sta | Date | ATA | Ref. AD/ SB No |
|---------|---------|------------|------------|-----|-----|---------------|-----|----------|--|-------|-----|------------|-------|-----------------------------------|
| 125 | CSG001P | 51A045-002 | WD3545 | SB | PWA | PW4ENG 72-629 | 06 | J9700601 | MODIFICATION OF REAR SEGMENT ASSEMBLY, TO PROVIDE A CONE ASSEMBLY THAT HAS IMPROVED TRAILING EDGE DURABILITY | TRU | P | | 72-30 | |
| 126 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-630 | 01 | J9707203 | LUBRICATION OF THE 7.3 BLEED VALVE/BELLCRANK & BRG PADS FOR ENG WHICH INCORPORATE THE SQUARE TYPE CAM FOLLOWER | REQ | E | 1998-10-21 | 72-30 | |
| 127 | HPT001P | 53LC90 | C24330 | SB | PWA | PW4ENG 72-636 | 02 | J9712401 | MODIFY HPT 2ND STG SEGMENT. DAT07185 DR037185 | REQ | E | 1999-07-02 | 72-00 | AD FAA 98-19-03 AD KCAB 98-148 |
| 128 | | | | SB | PWA | PW4ENG 72-637 | 01 | J9712501 | INCORPORATION OF A MORE DURABLE HPT 2ND AIRSEAL ASSY | FSV | E | 2004-10-22 | 72-00 | AD FAA 98-19-03 AD KCAB 98-148 |
| 129 | MGB001P | 58R100-02 | F24832 | SB | PWA | PW4ENG 72-638 | 01 | J9721801 | INSPECTION FOR MIS ASSEMBLED BEARING SEAL SEAT OF PMA | SAD | E | 2004-07-29 | 72-60 | |
| 130 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-642 | 01 | J9731703 | REPLACEMENT OF #1 BRG SPRING & SEAL SEAT TO REDUCE OIL WEEPAGE FROM BEARING | FSV | E | 2004-11-22 | 72-00 | |
| 131 | DIF001P | PW4000DIF | W82973 | SB | PWA | PW4ENG 72-648 | 00 | J9718801 | REPLACEMENT OF #3 BRG BREATHER & SCVNG TUBE 2 PIECES SEAL RING WITH A 1 PIECE SEAL RING. | SAD | E | 1998-07-03 | 72-40 | |
| 132 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-646 | 00 | J9716305 | BORESCOPE INSP OF HPC 5TH DISK W/ SEAL FOR CRACK | REQ | E | 1999-07-10 | 72-00 | |
| 133 | HPC001P | 58H573 | D27873RC | SB | PWA | PW4ENG 72-650 | 00 | J9717401 | MODIFICATION OF HPC INLET, 5.8 & 7TH SHROUD SET TO WELD THE ALIGHTMENT PIN TO THE INNER SHROUD | REP | E | 2001-08-18 | 72-00 | |
| 134 | DIF001P | PW4000DIF | W82973 | SB | PWA | PW4ENG 72-652 | 02 | J9735001 | REPLACEMENT OF #3 BRG AREA TUBES WITH THOSE FEATURES A COATED, SPHERICAL CONFIG | SAD | E | 2004-10-18 | 72-40 | |
| 135 | HPC001P | 58H573 | D27873RC | SB | PWA | PW4ENG 72-653 | 01 | J9717101 | HPC 5TH STG DISK FWD KNIFE EDGE & INLET AIR SEAL MODIFICATION TO IMPROVE DURABILITY(BLEND OUT THE | SAD | E | 2001-08-18 | 72-30 | |
| 136 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-655 | 03 | J9803003 | MODIFICATION OF FAN BLADE TO PROVIDE A LARGER RADIUS ON THE AIRFOIL LEADING EDGE | MOD | E | 2004-11-22 | 72-30 | |
| 137 | | | | SB | PWA | PW4ENG 72-659 | 01 | J9809400 | INCORPORATION OF A MORE DURABLE 2.5 BLEED VALVE BELLCRANK LINKAGE ASSY AND ATTACHING HARDWARE | MOD | E | 2004-11-22 | 72-30 | |
| 138 | | | | SB | PWA | PW4ENG 72-660 | 03 | J8500503 | MODIFICATION OF FAN EXIT CASE ASSY TO INCORPORATE NEW 2.5 BLEED ROLLER CAM FOLLOWER, STEEL CAM FOLLOWER SLOT LINERS. | MOD | E | 2004-11-22 | 72-30 | |
| 139 | | | | SB | PWA | PW4ENG 72-682 | 02 | J0617303 | PW4000 ENG - HPT STG 1 BLADE MOD & TOBI DUCT MOD | SAD | C | 1998-11-02 | 72-00 | |
| 140 | | | | SB | PWA | PW4ENG 72-683 | 03 | J9807303 | VISUAL INSP FOR LEAKAGE OF FUEL & OIL HOSE & TUBE ASSY (LP01,LP02,FM11) | REQ | E | 1998-03-18 | 72-00 | |
| 141 | MGB001P | 58R100-02 | F24832 | SB | PWA | PW4ENG 72-664 | 02 | J9820801 | REPLACEMENT OR MODIFICATION OF IDLER SHAFT BEARING & SPUR GEAR TO INCORPORATE A TIGHTER FIT AND AN ANTI-ROTATIONAL PIN | FSV | E | 2004-07-29 | 72-60 | |
| 142 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-685 | 02 | J9813003 | REPETITIVE EDDY CURRENT INSPECTION OF THE LPC 1.6 BLADE LEADING EDGE | FSV | C | 1998-11-19 | 72-30 | |
| 143 | LPC001P | 508500 | A27829 | SB | PWA | PW4ENG 72-685 | 02 | J9813004 | REPETITIVE EDDY CURRENT INSPECTION OF THE LPC 1.6 BLADE LEADING EDGE | FSV | E | 1999-11-22 | 72-30 | |

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7

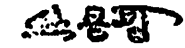
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Chul Kim

Team Leader
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Korean Air

SERVICE BULLETIN Status



Y. K. Park
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|---------|---------|------------|------------|-----|-----|---------------|----|----------|--|-------|-----|------------|-------|--|
| 144 | | | | SB | PWA | PW4ENG 72-668 | 00 | J9823801 | REPLACEMENT OF, OR MODIFICATION TO PROVIDE IMPROVED RUBBER OUTER BLADE RUBSTRIPS | REQ | E | 1998-11-22 | 72-30 | |
| 145 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-674 | 04 | J8833203 | BSI- HPC 5TH BLADE (P/N 5SH705) ROOT AREA | REQ | P | | 72-00 | |
| 146 | HPC001P | 58H573 | B27673RC | SB | PWA | PW4ENG 72-670 | 03 | J9838901 | MODIFICATION OF HPC FRONT CASE TO INCORPORATE CERAMIC THERMAL BARRIER COATING | SAD | E | 2004-11-02 | 72-00 | |
| 147 | | | | SB | PWA | PW4ENG 72-682 | 00 | J9002501 | REPLACEMENT OF HPC BLADE LOCK AND SETSCREW TO EASE REMOVAL AT OVERHAUL | SAD | E | 2001-09-16 | 72-00 | |
| 148 | HL0001P | 50J362-0C1 | CJRJA00286 | SB | PWA | PW4ENG 72-684 | 00 | J0000301 | PW4000 - INSPECTION OF 63 BRG SEAL RING HOLDER FOR MICROSHRINKAGE | REQ | E | 2004-08-25 | 72-00 | |
| 149 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-685 | 01 | J0911203 | MODIFICATION OF COMPRESSOR STATOR ASSY TO PROVIDE STATOR CYLINDER SUPPORT ASSY WITH A BRACE THAT HAS | FSV | E | 2004-11-22 | 72-00 | |
| 150 | TN2001P | 60K003SUB | 27315 | SB | PWA | PW4ENG 72-691 | 02 | J9838901 | ENGINE-VANE ASSY OR VANE CLUSTER ASSY, 1ST STG HPT-MODIFY OR REPLACE WITH IMPINGEMENT AND FLM COOLING CONFIGURATION FOR | REF | E | 2000-09-06 | 72-00 | |
| 151 | MGB001P | 58R100-02 | F24632 | SB | PWA | PW4ENG 72-701 | 00 | J9944801 | REPLACEMENT OF LOOSENING 3.375 ROSAN STUDS WITH A LARGER 0.4375 ROSAN STUD | FSV | E | 2004-07-20 | 72-61 | GEN PWA 98KCD32A |
| 152 | HPC001P | 58H573 | B27673RC | SB | PWA | PW4ENG 72-705 | 00 | J0087001 | MODIFICATION OF HPC 5TH BLADE TO INCORPORATE A WIDER BLADE ROOT COATING TO IMPROVE DURABILITY | MOD | E | 2001-06-16 | 72-30 | |
| 153 | | | | SB | PWA | PW4ENG 72-708 | 00 | J0010301 | ENGINE - WASHER KEY-REPLACEMENT OF AP5 AND AP7 HPC OUTER BORESCOPE PLUG KEY WASHERS WITH NEW LOCK TA | SAD | E | 2001-06-16 | 72-00 | |
| 154 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-709 | 02 | J0009403 | REMOVE AND REPLACE BRACKETS AND CLAMPS THAT SUPPORT THE LP09 TUBE ASSEMBLY | FSV | E | 2004-11-22 | 72-00 | |
| 155 | HPT001P | 53L090 | C24330 | SB | PWA | PW4ENG 72-712 | 02 | J0017801 | HPT 1ST STAGE BLADE - INCORPORATION OF BLADES WITH A LONGER LENGTH | SAD | E | 2004-10-22 | 72-35 | |
| 156 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-713 | 00 | J0023003 | ENGINE-BOLTS AND NUTS, HIGH PRESSURE COMPRESSOR (HPC) VARIABLE VANE - REPLACEMENT OF FOR IMPROVED STRESS CORROSION RESIS | FSV | E | 2004-11-22 | 72-00 | |
| 157 | HPC001P | 58H573 | B27673RC | SB | PWA | PW4ENG 72-714 | 02 | J0028701 | MODIFICATION OR REPLACEMENT OF TO INCORPORATE A NEW REAR HOOK MADE OF A MORE WEAR RESISTANT MATERIAL | SAD | E | 2001-08-16 | 72-00 | AD FAA 2003-18-15 AD KCASA 2003-172 |
| 158 | LPT001P | 52N700 | D0818A | SB | PWA | PW4ENG 72-715 | 00 | J0013901 | UNAUTHORIZED LPT PARTS INSTALLED IN PW4000-84" ENG | REF | E | 2001-11-15 | 72-53 | ADW PWA CTSS/J204-17-1 |
| 159 | HPT001P | 53L090 | C24330 | SB | PWA | PW4ENG 72-723 | 00 | J0075401 | 11PT 2ND BLADE - MODIFICATION TO INCORPORATE A NEW UNDER PLATFORM COATING (PW436330) | REF | E | 2004-10-22 | 72-52 | SI PWA 74F-00 |
| 160 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 72-740 | 02 | J0218103 | ENGINE - NUT, NO. 2 BEARING OUTER RACE RETAINING - INCREASED TORQUE, INCORPORATION | FSV | E | 2004-11-22 | 72-00 | |
| 161 | | | | SB | PWA | PW4ENG 72-757 | 04 | M0305701 | MODIFICATION OF TO INCORPORATE A RING CASE CONFIGURATION (RCC) REAR HPC - MCDONNELL DOUGLAS CONFIGURATION | SV | E | 2004-11-22 | 72-00 | AD FAA 2003-18-15 AD KCASA 2003-172 SB TBC MD11-71-112 |
| 162 | | | | SB | PWA | PW4ENG 72-767 | 01 | J0406003 | ENGINE - CASE ASSEMBLY, COMPRESSOR INTERMEDIATE - INSPECTION OF STRUT FAIRING FOR MISSING OR LOOSE NUTS | AC | E | 2004-05-11 | 72-00 | |

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8

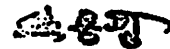
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SERVICE BULLETIN Status


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KOREAN AIR

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|-------|-----------|--------------|-----------|-----|---------------|---------------|----------|---|---|-----|------------|------------|---------------------|--|
| 163 | | | SB | PWA | PW4ENG 73-111 | 01 | J9124203 | INCORPORATION OF STAINLESS STEEL CONNECTOR BACKSHELLS ON W3,W4,W5 EEC WIRING HARNESSES AND IDG A/OI/E VALVE | MOD | E | 1994-06-03 | 73-00 | SB HSD GTA44-2-75-9 | |
| 164 | | | SB | PWA | PW4ENG 73-121 | 01 | L9205402 | REPLACEMENT OF EEC WITH ONE HAVING AN INTEGRAL BRACKET AND A SEPERATE W2 HARNESS BRACKET TO IMPROVE CLEARANCE | REQ | E | 1995-01-01 | 73-00 | | |
| 165 | | | SB | PWA | PW4ENG 73-124 | 00 | M9209802 | INCORPORATION OF SCN-4E/N SOFTWARE EEC | FSV | E | 1993-10-21 | 73-00 | SB MDC MD11-73-005 | |
| 166 | EEC007P | 791100-6-110 | 40000890 | SB | PWA | PW4ENG 73-124 | 00 | M9209801 | INCORPORATION OF SCN-4E/N SOFTWARE EEC | FSV | E | 1992-08-19 | 73-00 | |
| 167 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 73-126 | 00 | M9212801 | REPLACEMENT OF EEC Pb SENSE MANFOLD ASSY | FSV | E | 1992-05-10 | 73-00 | |
| 168 | | | SB | PWA | PW4ENG 73-130 | 00 | J9321803 | INSPECTION & REPLACEMENT OF FUEL PUMP FILTER ELEMENT | REQ | E | 1994-01-05 | 73-00 | | |
| 169 | | | SB | PWA | PW4ENG 73-137 | 01 | M9301501 | REPLACEMENT OF STRAP ASSY AND ADDITION OF INSULATION ON PB TUBES. | REQ | E | 1993-12-03 | 73-00 | SI PWA 85-03 | |
| 170 | EEC007P | 791100-6-110 | 40000890 | SB | PWA | PW4ENG 73-142 | 01 | M9400601 | REPLACE THE EEC WITH SCN 5C/X SOFTWARE | REQ | E | 1999-04-24 | 73-00 | SB MDC MD11-73-009 |
| 171 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 73-148 | 03 | J9422803 | INCORPORATION OF EEC WIRE (W4 AND W5) TO PROTECT CHAFE IN THE FPU BACKSHELL | FSV | E | 1995-09-28 | 73-00 | |
| 172 | PMP002P | 825501-12 | 0439 | SB | PWA | PW4ENG 73-151 | 01 | J9417801 | REPLACE THE MAIN FUEL PUMP | REQ | E | 2000-03-15 | 73-00 | SB ARG0 711300-73-12 SB ARG0 ESD 275-12 |
| 173 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 73-160 | 03 | M9519701 | REPLACEMENT OF W6 SUPPORT TUBE AND VARIOUS BRACKETS TO RELOCATE THE W5/W6 CONNECTOR | FSV | E | 1997-10-14 | 73-00 | |
| 174 | | | SB | PWA | PW4ENG 73-161 | 03 | J9522303 | REPLACE OF FUEL TEMPERATURE THERMOCOUPLE | FSV | E | 1996-05-27 | 73-00 | | |
| 175 | | | SB | PWA | PW4ENG 73-165 | 01 | M9521701 | REPLACEMENT OF TO RELOCATE THE W5/W7 WIRE HARNESS BRACKET ASSY. IGN EXCITER | FSV | E | 1997-07-09 | 73-00 | | |
| 176 | | | SB | PWA | PW4ENG 73-167 | 02 | J9619703 | REPLACE NEW BAND-OLD WITH SHORTER THRUST WIRE & MORE DURABLE PACKING | SAD | E | 1998-10-23 | 73-00 | | |
| 177 | | | SB | PWA | PW4ENG 73-170 | 01 | J9719403 | PW4000-94" ENG - FUEL DISTRIBUTION V/V - REPLACEMENT OF WITH LONGER ANTI-GALLANT COATED BOLTS | REQ | E | 1998-11-19 | 73-00 | | |
| 178 | | | SB | PWA | PW4ENG 73-182 | 00 | L9905802 | REPLACEMENT OF W1 WIRING HARNESS LOOP CLAMP BOLT WITH LONGER BOLT TO MAKE ENGINE ASSEMBLY EASIER | REQ | E | 2004-11-22 | 73-00 | | |
| 179 | EEC007P | 791100-6-110 | 40000890 | SB | PWA | PW4ENG 73-200 | 00 | M0305901 | REPLACE OR MODIFY TO INCORPORATE SCN/AD SOFTWARE FOR IMPROVED OPERATING MARGIN WITH RCC HPC ENGINES | FSV | E | 2004-06-24 | 73-00 | SB HSS EEC131-73-52 SB T8C MD11-73-C23 |
| 180 | PMP002P | 825501-12 | 0439 | SB | PWA | PW4ENG 73-75 | 01 | J8904303 | REPLACEMENT OF FUEL PUMPS | FSV | E | 2000-03-15 | 73-00 | |
| 181 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 74-5 | 00 | J9135603 | REVISION OF IGNITION BOX LOCATION IDENTIFICATION | REQ | E | 1996-04-17 | 74-00 | |
| 182 | | | SB | PWA | PW4ENG 75-101 | 03 | J9319203 | PERIODIC INSP OF THE TCA & TRC W | REQ | F | 1993-10-22 | 75-00 | | |

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9


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|-------|------------|-------------|-----------|-----|---------------|---------------|----------|--|---|-----|------------|------------|-------------------------|-----------------------------|
| 183 | | | SB | PWA | PW4ENG 75-103 | 02 | J04C3503 | MODIFICATION OF OIL PRESSURE TRIM TUBE (LP32) BRACKET ASSY | FSV | E | 1998-11-19 | 75-00 | | |
| 184 | | | SB | PWA | PW4ENG 75-106 | 02 | L0413602 | REMOVE TRC,TCA VLA VE POSITION INDICATOR AND MODIFY W4,W5 HARNESS | REQ | E | 1998-11-19 | 75-00 | SB 0EAERO 73-28 | |
| 185 | | | SB | PWA | PW4ENG 75-112 | 01 | J0500103 | INTRODUCTION OF A BRACKET ASSEMBLY COMMON WITH THE PHASE-II ENGINE | SAD | E | 1998-11-19 | 75-00 | | |
| 186 | | | SB | PWA | PW4ENG 75-116 | 03 | L0603102 | ADD CHECK VALVE TO PREVENT AIR LEAKAGE FROM CLOSING TRC VALVE | FSV | E | 1998-05-30 | 75-00 | | |
| 187 | | | SB | PWA | PW4ENG 75-117 | 02 | J0813603 | REPLACE THE TCC AIR VALVE CONTROL CABLE THAT HAS INCREASED JAM NUT ADJ. | REQ | E | 2004-11-22 | 75-00 | | |
| 188 | | | SB | PWA | PW4ENG 75-122 | 04 | J0804703 | FUNCTIONAL CHECK AND TROUBLE SHOOTING OF 2.95 BLEED SYSTEM | FSV | E | 1996-09-22 | 75-00 | | |
| 189 | | | SB | PWA | PW4ENG 75-123 | 02 | J0610203 | MOD/REPL OF PNEUMATIC RELAY VALVE | REQ | E | 1997-09-06 | 75-31 | SB GRIMES 07P05-75-SB02 | |
| 190 | | | SB | PWA | PW4ENG 75-124 | 01 | J0810303 | MOD/REPL OF START & STABILITY BLEED SOLENOID VALVE | REQ | E | 1997-09-06 | 75-31 | SB GRIMES 04P23-75-SB03 | |
| 191 | | | SB | PWA | PW4ENG 75-125 | 00 | J0626903 | REMOVAL OF METERING PLUG WHEN CONVERTING PRE PHASE-3 TO PHASE-3ENG | REQ | E | 2000-01-01 | 72-00 | | |
| 192 | | | SB | PWA | PW4ENG 75-127 | 01 | J0701303 | INSPECT FOR TCC LOOP CLAMP MANUFACTURED BY SUSPECT VENDOR CODE MATERIAL | SAD | E | 1998-11-19 | 75-00 | | |
| 193 | | | SB | PWA | PW4ENG 75-129 | 02 | J0705603 | PW4000 ENGINE 2.95 START/STABILITY-INSPECTION CHECK FOR VALVE LEAK | REQ | E | 1997-08-09 | 75-00 | | |
| 194 | | | SB | PWA | PW4ENG 75-130 | 00 | J0818803 | REPLACEMENT/MODIFICATION OF TO PROVIDE A 2.95 BLEED VALVE WITH IMPROVED FEATURES TO REDUCE SERVO LEAKAGE | FSV | E | 1998-11-19 | 75-00 | SB GRIMES 1115V-75-SB05 | |
| 195 | VLV005P | 1115V0700-6 | 3570C | SB | PWA | PW4ENG 75-130 | 00 | J0818804 | REPLACEMENT/MODIFICATION OF TO PROVIDE A 2.95 BLEED VALVE WITH IMPROVED FEATURES TO REDUCE SERVO LEAKAGE | FSV | P | 75-00 | | |
| 196 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 75-131 | 00 | J0800203 | MODIFICATION OF TURBINE CASE COOLING (TCC) AIR TUBE SUPPORT BRACKET ASSY TO INCORPORATE MORE DURABLE GUIDE PINS | REQ | E | 2004-11-22 | 75-00 | |
| 197 | | | SB | PWA | PW4ENG 75-136 | 02 | J0039203 | REPLACEMENT OF TCC LINKAGE IDLER ARM AND BEARING OPTION WITH A DOUBLE ROW BALL | REQ | E | 2004-11-22 | 75-00 | | |
| 198 | | | SB | PWA | PW4ENG 75-144 | 00 | J0115903 | AIR - VALVE, TWO POSITION, NUMBER 3 COMPARTMENT BREATHER VALVE AND SENSING TBE - DELETION OF | REQ | E | 2004-11-22 | 75-00 | | |
| 199 | VLV037P | 1110V0500-6 | 3897C | SB | PWA | PW4ENG 75-147 | 01 | J0302901 | REPLACEMENT OF TURBINE VANE AND BLADE COOLING AIR VALVE(TVBCA) | SV | E | 2004-09-16 | 75-00 | SB HONEYW 1110V0500-75-1057 |
| 200 | VLV037P | 1110V0500-6 | 3716C | SB | PWA | PW4ENG 75-147 | 01 | J0302901 | REPLACEMENT OF TURBINE VANE AND BLADE COOLING AIR VALVE(TVBCA) | SV | E | 2004-09-16 | 75-00 | |
| 201 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 75-165 | 01 | J0220403 | INTRODUCTION OF NO.3 BEARING COMPARTMENT BREATHER SENSE TUBE TWO POSITION VALVE | SAD | E | 1996-04-17 | 75-00 | |
| 202 | | | SB | PWA | PW4ENG 75-09 | 02 | J0310003 | REPLACE THE STATOR VANE ACTUATOR TRUNNION PINS. | SAD | E | 1994-04-27 | 75-00 | | |
| 203 | | | SB | PWA | PW4ENG 77-15 | 04 | J0405703 | REPL/MOD TO THE EXISTING PT4.95 PROBE DESIGNED TO RESIT PLUGGING | SAC | E | 1996-04-12 | 77-00 | | |

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10

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| 204 | | | SB | PWA | PW4ENG 79-52 | 03 | J6208503 | REPLACEMENT OF NO.3 BRG OIL SUPPLY TUBE WITH ONE HAVING AN IN-LINE STRAINER | REQ | E | 1993-03-09 | 79-00 | | |
| 205 | | | SB | PWA | PW4ENG 79-53 | 02 | J6208603 | REPLACEMENT OF MAIN BRG STRAINER HOUSING ASSY WITH STAINLESS STEEL | REQ | E | 1993-03-10 | 79-00 | | |
| 206 | | | SB | PWA | PW4ENG 79-56 | 02 | J6220503 | REPLACEMENT OF NO. 1W.5/2 BRG SCAVENGE TUBE(LR03) WITH STRAINER ELEMENT PROVISIONED | FSV | E | 1994-05-06 | 79-00 | | |
| 207 | | | SB | PWA | PW4ENG 79-60 | 03 | J6244803 | REPL. OF WITH A SEAL PLATE BOLT AND WASHER ASSY TO SECURE. | SAD | E | 1998-11-19 | 79-21 | | |
| 208 | | | SB | PWA | PW4ENG 79-62 | 02 | J9338603 | REPLACEMENT OF MAIN OIL FILTER | REQ | E | 1998-11-19 | 79-00 | | |
| 209 | | | SB | PWA | PW4ENG 79-63 | 00 | M6223801 | modification of oil tank remote fill connector | REQ | E | 1993-07-23 | 79-00 | | |
| 210 | | | SB | PWA | PW4ENG 79-66 | 02 | J9403403 | MODIFICATION OF NO.3 BEARING OIL PRESSURE TUBE SHIELD | FSV | E | 1998-11-19 | 79-00 | | |
| 211 | | | SB | PWA | PW4ENG 79-67 | 02 | J9403503 | REPLACEMENT OF NO.4 BEARING TUBE(LP16) LOOP CLAMP BOLT. | FSV | E | 1998-11-19 | 79-00 | | |
| 212 | | | SB | PWA | PW4ENG 79-71 | 01 | L9521302 | REPLACEMENT OF MAIN BEARING STRAINER ELEMENT HOUSING ASSEMBLY ATTACHMENT BOLT WITH LONGER BOLT | FSV | E | 1998-11-19 | 79-00 | | |
| 213 | | | SB | PWA | PW4ENG 79-72 | 01 | J9536903 | REPLACE A LOOP BRACKET AND CLAMP BOLT TO SUPPORT LP12 TUBE CLAMP | FSV | E | 1998-11-19 | 79-00 | | |
| 214 | | | SB | PWA | PW4ENG 79-74 | 01 | J9536003 | INSTALLATION OF A HEATSHIELD BRACKET ASSY TP DAMPEN OIL HEATHIELD VIBRATION | REQ | E | 2004-11-22 | 79-00 | | |
| 215 | MGB001P | MR100-02 | F24832 | SB | PWA | PW4ENG 79-74 | 01 | J9536004 | INSTALLATION OF A HEATSHIELD BRACKET ASSY TP DAMPEN OIL HEATHIELD VIBRATION | REQ | E | 1999-04-24 | 79-00 | |
| 216 | | | SB | PWA | PW4ENG 79-74 | 01 | J9536101 | MODIFICATION OF GEARBOX DRIVE SHAFT HOUSING ASSY THAT HAS A DOWEL PIN HOLE | SAD | E | 2004-07-29 | 72-00 | | |
| 217 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 79-75 | 02 | J9525103 | REPLACE OF MAIN FILTER OIL TUBE(LP01), No.3 BRG SCAV MANIFOLD (LR04), No.4 BRG SCAV TUBE (LR05 & LR06) AND INCORP OF FLU | FSV | E | 1998-04-17 | 79-75 | |
| 218 | TEC001P | 90P174-01ASS' VU8259 | | SB | PWA | PW4ENG 79-76 | 04 | J9541901 | PW4000 No.4 BEARING PRESSURE AND SCAVENGE - REROUTING FROM THE BEARING HOUSING TO INTERFACE AT THE END OF THE LOW PR | SAD | E | 1998-07-07 | 79-00 | |
| 219 | MGB001P | MR100-02 | F24832 | SB | PWA | PW4ENG 79-78 | 01 | J9048801 | REPLACEMENT OF OIL TANK AND MGB BOLT TO ELIMINATE LOCKINGWIRE HOLES | SAD | E | 1997-01-16 | 79-00 | |
| 220 | | | SB | PWA | PW4ENG 79-78 | 01 | J8D48802 | REPLACEMENT OF OIL TANK AND MGB BOLT TO ELIMINATE LOCKINGWIRE HOLES | FSV | E | 1999-04-24 | 79-00 | | |
| 221 | | | SB | PWA | PW4ENG 79-79 | 01 | J8B17201 | REPLACEMENT OR MODIFICATION OF OIL STRAINER COVER ASSY TO IMPROVE SPRING RETENSION | REQ | E | 2004-09-04 | 79-00 | | |
| 222 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG 79-91 | 00 | J9211303 | DISP FOR VACCUUM TESTING MARKING ON "B" NUT - NO.4 SCAVENGE HOSE AND TUBE | FSV | E | 2004-11-22 | 79-00 | |
| 223 | LI'TD01P | S2N700 | 00818A | SB | PWA | PW4ENG A72-425 | 02 | J9200502 | INSPECTION OF HPT 2ND STAGE DUCT SEGMENTS AND LPT 3RD STAGE TRANSITION DUCT SEGMENTS | MOD | E | 1992-11-24 | 72-00 | |
| 224 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4ENG A72-532 | 02 | L9413102 | INSPECTION FOR 5TH AND 6TH STG SYNCHRONIZING RING PLATE | REQ | E | 1994-11-03 | 72-00 | |

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11

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SERVICE BULLETIN Status


Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

Part No : PW4460-3

Serial No : P723873CN

Description : ENGINE ASSY

Status : CW

| TypNo | Effect P/N | Effect S/N | Doc | Orl | Number | Re. | EAO No | Subject | Compl | Sta | Date | ATA | Ref. AD/ SB No |
|-------|------------|------------|-----|-----|----------------|-----|----------|--|-------|-----|------------|-------|----------------------|
| 225 | | | SB | PWA | PW4ENG A72-632 | 01 | J9705303 | INSP FOR CONTAMINANTS ON IPT 2ND STAGE BLADE | REQ | E | 1997-06-18 | 72-02 | SB PWA PW4ENG 72-632 |
| 226 | | | SB | PWA | PW4ENG A73-170 | 00 | J9810003 | INSPECTION OF FUEL NOZZLE NUTS FOR LEAKAGE AND FOR PROPER TORQUE | REQ | E | 1999-04-01 | 73-00 | |
| 227 | | | SB | PWA | PW4ENG A77-12 | 02 | J9142203 | INSPECTION AND CLEANING OF FT4 95 PROBES | REQ | E | 2004-11-22 | 77-00 | |
| 228 | | | SB | PWA | PW4MD11 29-10 | 00 | M9611601 | HYD SYS-HYD TUBE & CLAMP-SHELL REPLACEMENT | | F | 1997-02-20 | 29-00 | SB MDC MD11-29-043 |
| 229 | | | SD | PWA | PW4MD11 29-9 | 00 | M9910001 | HYD FILTER CLAMP RPLC | | SV | 1997-11-05 | 29-00 | SB MDC MD11-29-039 |
| 230 | | | SB | PWA | PW4MD11 30-4 | 00 | M9895401 | NACELLE - ICE AND RAIN - THRUST REVERSER ACTUATOR WIRE HARNESS - MODIFICATION FOR ADDITIONAL CLEARANCE | REQ | E | 1996-05-28 | 30-20 | |
| 231 | | | SB | PWA | PW4MD11 71-101 | 00 | M9517201 | WS/WB WIRC HARNESS REPOSITION | | FSV | 2004-11-22 | 71-00 | SB MDC MD11-71-074 |
| 232 | | | SB | PWA | PW4MD11 71-110 | 00 | M9801001 | NACELLE-POWER PLANT-HEATSHIELD-STARTER-BOLT-REPLACEMENT | REQ | E | 1998-11-19 | 71-00 | SB MDC MD11-71-092 |
| 233 | | | SB | PWA | PW4MD11 71-111 | 01 | M9902101 | NACELLE-POWER PLANT-ENG DRAIN SYS-BRACKET-TRIMMING OF | REQ | E | 2004-11-22 | 71-00 | SB MDC MD11-71-101 |
| 234 | | | SB | PWA | PW4MD11 71-112 | 00 | M9902001 | NACELLE-POWER PLANT-WIRE HARNESS-CONNECTOR BACKSHELLS-REPLACEMENT | REQ | E | 2004-11-22 | 71-50 | SB MDC MD11-71-103 |
| 235 | | | SB | PWA | PW4MD11 71-113 | 01 | M9803201 | NACELLE-POWER PLANT-CORE ELECTRICAL WIRE HARNESS-CONNECTOR BACKSHELL- MODIFICATION OF | REQ | E | 1998-11-19 | 71-00 | SB MDC MD11-71-093 |
| 236 | | | SB | PWA | PW4MD11 71-115 | 00 | M9814501 | NACELLE-POWER PLANT-INSPECTION OF EEC JUNCTION BOX TERMINAL LUGS | REQ | E | 1998-11-19 | 71-00 | SB MDC MD11-71-098 |
| 237 | | | SB | PWA | PW4MD11 71-117 | 00 | M9001801 | POWER PLANT-REPOSITIONING OF IDG GROUND BRACKET | REQ | E | 2004-11-22 | 71-00 | SB MDC MD11-71-104 |
| 238 | | | SB | PWA | PW4MD11 71-33 | 00 | M9219401 | AFT. ENG. MOUNT WASHER - REPLACEMENT OF. | | FSV | 1994-05-23 | 71-00 | SB MDC MD11-71-028 |
| 239 | | | SB | PWA | PW4MD11 71-35 | 00 | M9218801 | FORWARD ENG. MOUNT BOLT RETAINER REPLACEMENT | | SV | 2004-11-22 | 71-00 | SB MDC MD11-71-030 |
| 240 | | | SB | PWA | PW4MD11 71-44 | 00 | M9219801 | REPLACE DUSTCAP ON CORE TO PYLON ELECT INTERFACE PANEL | | SV | 2004-11-22 | 71-00 | SB MDC MD11-71-018 |
| 241 | | | SB | PWA | PW4MD11 71-47 | 00 | M9220601 | PYLON DRAIN LINE BRACKET - REPLACEMENT OF | | SV | 1994-05-23 | 71-00 | SB MDC MD11-71-024 |
| 242 | | | SB | PWA | PW4MD11 71-50 | 00 | M9220701 | 15TH STAGE DUCT, SUPPORT BRACKET - MODIFICATION OF | | SV | 2004-11-22 | 71-00 | SB MDC MD11-71-021 |
| 243 | | | SB | PWA | PW4MD11 71-51 | 00 | M9218701 | REPLACE WIRE HARNESS SUPPORT BRACKET ON FAN CASE & THRUST REVERSER | | FSV | 1996-05-28 | 71-00 | SB MDC MD11-71-014 |
| 244 | | | SB | PWA | PW4MD11 71-52 | 00 | M9218601 | REPLACE THERMAL ANTI-ICE DUCT | | FSV | 2004-11-22 | 71-00 | |
| 245 | | | SB | PWA | PW4MD11 71-61 | 00 | M9221101 | THERMAL ANTI ICE DUCT & BRACKETS - REPLACEMENT OF | | SV | 1994-05-23 | 71-00 | SB MDC MD11-71-035 |
| 246 | | | SB | PWA | PW4MD11 71-67 | 00 | M9218501 | MODIFY BRACKET AT 8 TH STAGE BLEED PORT | | FSV | 1996-05-28 | 71-00 | SB MDC MD11-71-036 |

Issue Date : 2005.10.07

12


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Chul Kim

Team Leader
Powerplant Engineering Team
Korean Air

SERVICE BULLETIN Status


Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

Part No : PW4460-3

Serial No : P723873CN

Description : ENGINE ASSY

Status : CW


| TypNo | Effect P/N | Effect SN | Doc | Ort | Number | Re | EAO No | Subject | Compl | Sta | Date | ATA | Ref. AD/SB No | |
|-------|------------|--------------|-----------|-----|---------------|-----------------|----------|---|---|-----|------------|------------|--------------------|---|
| 247 | | | SB | PWA | PW4MD11 71-60 | 00 | M9218301 | MODIFY OIL FILTER DIFFERENTIAL PRESSURE SW BRACKET | REQ | E | 1995-05-28 | 71-00 | SB MDC MD11-71-031 | |
| 248 | | | SB | PWA | PW4MD11 71-73 | 00 | M9400401 | MODIFICATION OF BRACKET CHANGE AND IDG WIRE HARNESS | RFO | E | 1995-05-20 | 71-00 | | |
| 249 | | | SB | PWA | PW4MD11 71-74 | 02 | M9400201 | MODIFY HYDRAULIC PUMP CORE HARNESS AND BRACKET | FSV | E | 1995-05-28 | 71-00 | SB MDC MD11-71-049 | |
| 250 | | | SB | PWA | PW4MD11 71-74 | 03 | M9901901 | NACELLE-POWER PLANT-HYD. PUMP HARNESS & BRACKET-MODIFICATION OF | REQ | E | 2002-04-30 | 71-00 | | |
| 251 | | | SB | PWA | PW4MD11 71-75 | 00 | M9300901 | NACELLE-POWER PLANT-WIRING REROUTE AND DIODE INSTALLATION | REQ | G | 1994-03-18 | 71-00 | | |
| 252 | | | SB | PWA | PW4MD11 71-80 | 03 | M9402501 | ENG. CORE BRACKET AND DUCT ASSY, PHASE III IMPROVEMENT | REQ | E | 1995-05-28 | 71-00 | SB MDC MD11-71-055 | |
| 253 | | | SB | PWA | PW4MD11 71-82 | 00 | M9407101 | ELECTRICAL POWER-MODIFY IDG/AOC FAIL SAFE SYSTEM ELECTRICAL PLUG | REQ | E | 1995-05-28 | 24-00 | | |
| 254 | | | SB | PWA | PW4MD11 71-06 | 00 | M9511901 | MODIFICATION OF CORE ELECTRICAL HARNESS AND IDG HEATSHIELD | FSV | E | 1995-05-28 | 71-00 | SB MDC MD11-71-075 | |
| 255 | | | SB | PWA | PW4MD11 71-07 | 00 | M9510701 | NACELLE - POWER PLANT - CORE ELECTRICAL WIRE HARNESS - REPLACEMENT OF CONNECTOR | FSV | E | 1995-11-20 | 71-00 | SB MDC MD11-71-076 | |
| 256 | | | SB | PWA | PW4MD11 71-09 | 00 | M9500901 | REPOSITION OF CHIP DETECTOR DUMMY RECEPTACLE | SV | E | 1995-08-26 | 71-00 | SB MDC MD11-71-072 | |
| 257 | | | SB | PWA | PW4MD11 73-3 | 00 | M9414101 | REPLACEMENT OF FUEL SYSTEM BRACKET ATTACH BOLTS | REQ | E | 2004-11-22 | 73-00 | SB MDC MD11-73-012 | |
| 258 | | | SB | PWA | PW4MD11 73-5 | 00 | M9607401 | REPLACEMENT OF MAIN FUEL SUPPLY HOSE | FSV | E | 1997-03-20 | 73-11 | SB MDC MD11-73-020 | |
| 259 | | | SB | PWA | PW4MD11 75-2 | 00 | M9300801 | REPLACE THE COOLING AIR SYSTEM BRACKET AND TUBE ASSEMBLIES | REQ | E | 1995-05-28 | 75-00 | | |
| 260 | | | SB | PWA | PW4MD11 75-4 | 03 | M9207701 | REPLACEMENT OF OIL QUANTITY COOLING TUBE. | FSV | E | 1993-03-10 | 75-00 | SB MDC MD11-75-002 | |
| 261 | | | SB | PWA | PW4MD11 75-5 | 03 | M9411601 | REMOVE OF TCA COOLING VALVE HOSE. | REQ | E | 2004-11-22 | 75-00 | SB MDC MD11-75-006 | |
| 262 | TRND08P | 418-C4124 | 0040073S | SB | PWA | PW4MD11 79-1 | 00 | L9108701 | ADDITION OF AN INTERFACIAL SEAL TO PIN 41804124 TRANSMITTER | FSV | E | 1999-12-23 | 73-00 | SB MDC MD11-79-001 SB PWA PW4NAC 73-9 SB PWA PW4NAC 79-17 |
| 263 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4MD11 80-12 | 00 | M9813901 | REPLACEMENT OF GEARBOX STARTER QUICK-ATTACH-DETACH (QAD) ADAPTER BOLT | FSV | E | 1995-11-19 | 80-11 | SB MD MD11-80-020 SB PWA PW4NAC 80-15 |
| 264 | | | | SB | PWA | PW4MD11 80-7 | 01 | M9520701 | REPLACEMENT OF BOLTS - PNEUMATIC STARTER SYSTEM | SAD | E | 1995-05-30 | 80-11 | SB MDC MD11-80-010 SB PWA PW4NAC 80-10 |
| 265 | MNT003P | Z21-0263-503 | SAM154 | SB | PWA | PW4MD11 A71-102 | 04 | M9505702 | ENG AFT MOUNT BEAM ASSY INSP (SHOP INSP) | REQ | E | 1995-03-03 | 71-00 | AD FAA 86-01-02 AD KCAB 96024 SB MDC MD11-71A-073 SB MDC MD11-71A073 |
| 266 | ENG003P | PW4460-3 | P723873CN | SB | PWA | PW4MD11-71-53 | 00 | M9312401 | REPLACE CIRCUMFERENTIAL LATCH CENTER SUPPORT BRACKET BOLTS | SV | E | 1995-05-28 | 71-00 | SB MDC MD11-71-034 |
| 267 | | | | SB | PWA | PW4MD11-75-2 | 00 | M9313101 | REPLACEMENT OF COOLING AIR SYSTEM BRACKET & TUBE ASSY. | REQ | E | 1995-05-28 | 75-00 | SB MDC MD11-75-2 SB PWA PW4MD11 75-2 |



Chul Kim

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SERVICE BULLETIN Status


Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

Part No : PW4460-3

Serial No : P723873CN

Description : ENGINE ASSY

Status : CW

| Part No | Type No | Effect P/N | Effect S/N | Doc | Orl | Number | Re | EAO No | Subject | Compl | Sta | Date | ATA | Ref. AD/ SB No |
|---------|---------|------------|------------|-----|--------|-----------------|----|----------|---|-------|-----|------------|-------|--|
| 268 | GEN003P | 750875 | 0171 | SB | SAEP | 120EGS011-24-11 | 00 | M9110901 | ELECTRICAL POWER-IDG CHECK/ADJUST STATOR LEAD | | E | 1996-03-05 | 24-00 | |
| 269 | | | | SB | SAO | 120EGS011-24-10 | 00 | M9200901 | MD11 IDG - REPLACE THE DELTA PRESSURE SWITCH | | E | 1996-03-05 | 24-00 | |
| 270 | | | | SB | SAO | 120EGS011-24-12 | 00 | M9201001 | MD11 IDG - REPLACE ANFROID VALVE ASSY | | E | 1996-03-05 | 24-00 | |
| 271 | | | | SB | SAO | 120EGS011-24-13 | 00 | M9208301 | IDG - INSTALL NUT WITH A CAPTIVE WASHER | FSV | E | 1996-03-05 | 24-00 | |
| 272 | | | | SB | SAO | 120EGS011-24-14 | 00 | M9219801 | IDG-CHK ROTOR WINDING FINISH TURN | FSV | E | 1996-03-05 | 24-00 | |
| 273 | | | | SB | SAO | 120EGS011-24-15 | 00 | M9402701 | ELECT PWR-IDG-REPLACEMENT OF ROTOR BEARING. REVISION 1 IS ISSUED TO S | REQ | E | 1996-03-05 | 24-00 | SB SDC 120EGS011-24-15 |
| 274 | | | | SB | SDC | 120EGS011-24-20 | 00 | M9900601 | MODIFY PORT PLATE | REQ | E | 1996-06-04 | 24-00 | |
| 276 | ENG003P | PW4460-3 | P723873CN | SB | UNISON | 10-609660-74-1 | 00 | J9323104 | INTRODUCTION OF NEW UNISON IGNITION LEAD 10-609660-7. | REQ | E | 1996-04-17 | 74-00 | SB PWA PW4ENG 74-7 |
| 278 | | | | SB | UNISON | 73-26 | 04 | J9204903 | INCORPORATION OF NEW TERMINAL LUG CONNECTORS FOR W3M4 HARNESS | FSV | E | 1993-04-30 | 73-00 | SB PWA PW4ENG 73-118 |
| 277 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-29-42. | 02 | A8402901 | ADAPTER BLOCK ROLLER BEARING DAT97305 DRC88257 RES0 | REQ | E | 1996-11-25 | 29-00 | SB VICKER 350880-6-29-8 SB VICKER 350880-7-29-6 |
| 278 | EDP001A | 350880-6 | MX326792 | SB | VICKER | 350880-29-42. | 02 | A8402901 | ADAPTER BLOCK ROLLER BEARING DAT97305 DRC88257 RES0 | REQ | E | 1996-10-26 | 29-00 | SB VICKER 350880-6-29-8 SB VICKER 350880-7-29-6 |
| 278 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-29-44 | 00 | A8403101 | YOKE SPRING AND GUIDECHANGE | REQ | E | 1996-11-25 | 29-00 | SB VICKER 350880-6-29-19. SB VICKER 350880-7-29-9 |
| 280 | EDP001A | 350880-6 | MX326792 | SU | VICKER | 350880-29-44. | 00 | A8403101 | YOKE SPRING AND GUIDECHANGE | REQ | E | 1996-10-26 | 29-00 | SB VICKER 350880-6-29-19. SB VICKER 350880-7-29-9 |
| 281 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-29-49. | 00 | A8403001 | REPLACEMENT OF PISTON-SHOE HOLD DOWN RETAINER PLATE SCREWS | REQ | E | 1996-11-25 | 29-00 | SB VICKER 350880-6-29-24. SB VICKER 350880-7-29-14. |
| 282 | EDP001A | 350880-6 | MX326792 | SB | VICKER | 350880-29-49. | 00 | A8403001 | REPLACEMENT OF PISTON-SHOE HOLD DOWN RETAINER PLATE SCREWS | REQ | E | 1996-10-26 | 29-00 | SB VICKER 350880-6-29-24. SB VICKER 350880-7-29-14. |
| 283 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-29-60 | 00 | A8602301 | VARIABLE DISPLACEMENT HYD PUMP - REPLACEMENT OF IMPELLER KEY, WASHER AND SCRE | REQ | E | 1996-11-25 | 29-00 | SB VICKER 350880-6-29-25 SB VICKER 350880-7-29-15 |
| 284 | EDP001A | 350880-6 | MX326792 | SB | VICKER | 350880-29-60 | 00 | A8602301 | VARIABLE DISPLACEMENT HYD PUMP - REPLACEMENT OF IMPELLER KEY, WASHER AND SCRE | REQ | E | 1996-07-09 | 29-00 | SB VICKER 350880-6-29-25 SB VICKER 350880-7-29-15 |
| 285 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-29-52. | 00 | A8705601 | HUD POWER - VARIABLE DISPLACEMENT HYD PUMP - COUPLING SHAFT PACKING CHANGE | REQ | E | 1996-11-25 | 29-00 | SB VICKER 350880-6-29-27. SB VICKER 350880-7-29-17 |
| 286 | EDP001A | 350880-6 | MX326792 | SB | VICKER | 350880-29-52. | 00 | A8705601 | HUD POWER - VARIABLE DISPLACEMENT HYD PUMP - COUPLING SHAFT PACKING CHANGE | REQ | E | 1996-07-09 | 29-00 | SB VICKER 350880-6-29-27. SB VICKER 350880-7-29-17 |

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14

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Chul Kim

Team Leader
Powerplant Engineering Team
Korean Air



Y. K. Park
General Manager
Quality Assurance
KOREAN AIR

SERVICE BULLETIN Status

Part No : PR4460-3

Serial No : P723873CN

Description : ENGINE ASSY

Status : CW

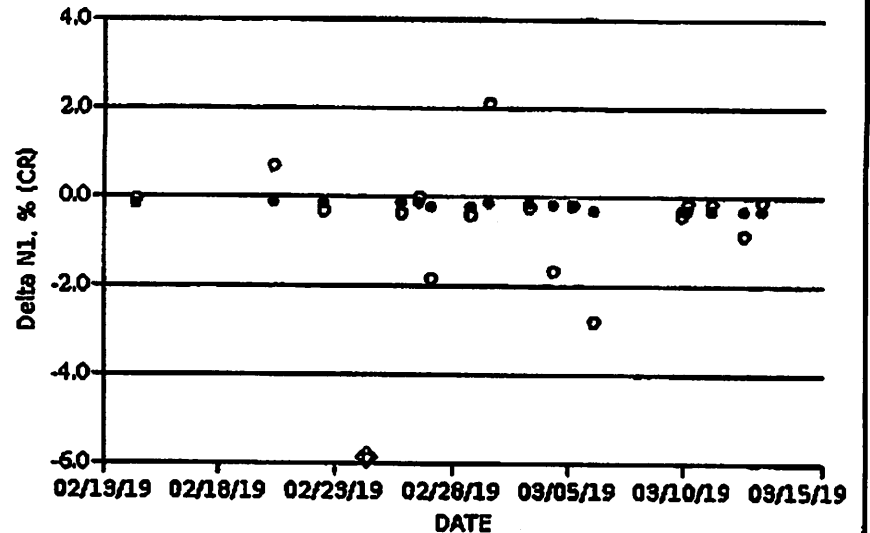
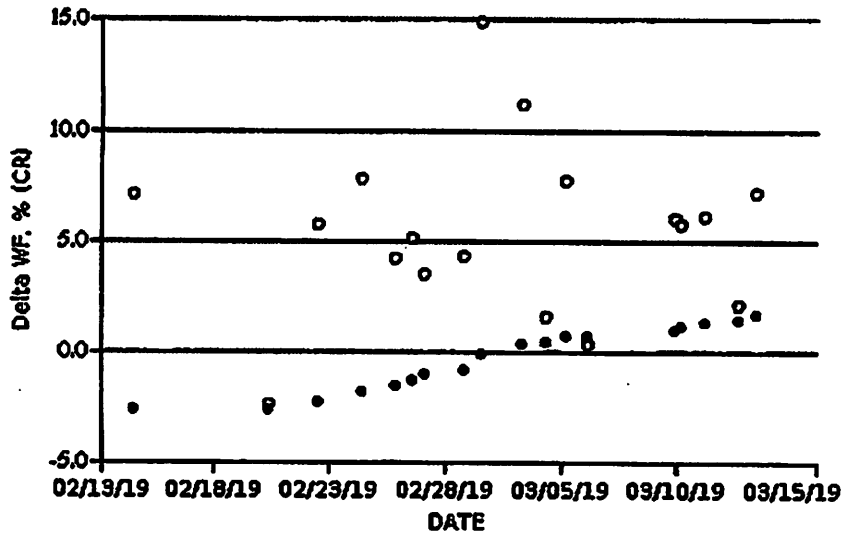
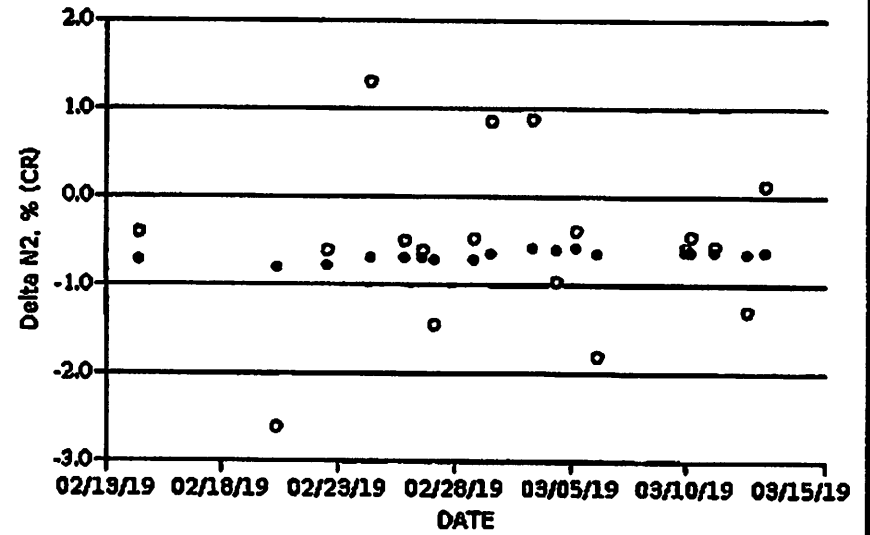
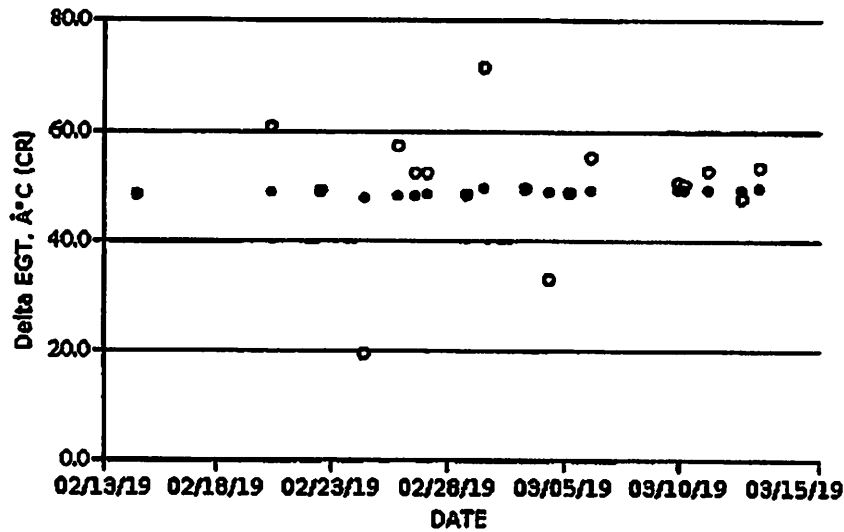
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|-------|-----------|-----------|----------|-----|--------|----------------|--------|----------|--|-----|------|------------|----------------|--|
| 287 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-29-53 | 01 | A8817301 | HYDRAULIC POWER - VARIABLE DISPLACEMENT HYDRAULIC PUMP FACE SEAL CHANGE | SV | E | 1998-11-25 | 29-00 | SB VICKER 350880-6-29-28 SB VICKER 350880-7-29-18 |
| 288 | EDP001A | 350880-6 | MX328792 | SB | VICKER | 350880-29-53 | 01 | A8817301 | HYDRAULIC POWER - VARIABLE DISPLACEMENT HYDRAULIC PUMP FACE SEAL CHANGE | SV | E | 1990-07-09 | 29-00 | SB VICKER 350880-6-29-28 SB VICKER 350880-7-29-18 |
| 289 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-6-29-12 | 00 | A8418101 | YOKE CONTROL SPRING CHANGE | SV | E | 1998-11-25 | 29-00 | |
| 290 | EDP001A | 350880-6 | MX328792 | SB | VICKER | 350880-6-29-12 | 00 | A8418101 | YOKE CONTROL SPRING CHANGE | SV | E | 1996-10-26 | 29-00 | |
| 291 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-6-29-24 | 00 | A8417801 | REPLACE OF PISTON - SHOE HOLD DOWN RETAINER PLACE SCREWS | SV | E | 1998-11-25 | 29-00 | |
| 292 | EDP001A | 350880-6 | MX328792 | SB | VICKER | 350880-6-29-24 | 00 | A8417801 | REPLACE OF PISTON - SHOE HOLD DOWN RETAINER PLACE SCREWS | SV | E | 1996-10-26 | 29-00 | |
| 293 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-6-29-33 | 04 | A9140501 | EDP-INTRODUCTION OF THREADED CONTROL PRESS SEAL TUBE | REQ | E | 1998-11-25 | 29-00 | SB VICKER 350880-6-29-20 SB VICKER 350880-7-29-10 SB VICKER 350880-7-29-24 |
| 294 | EDP001A | 350880-6 | MX328792 | SB | VICKER | 350880-6-29-33 | 04 | A9140501 | EDP-INTRODUCTION OF THREADED CONTROL PRESS SEAL TUBE | REQ | E | 1998-04-28 | 29-00 | SB VICKER 350880-6-29-20 SB VICKER 350880-7-29-10 SB VICKER 350880-7-29-24 |
| 295 | EDP001A | 350880-6 | MX321345 | SB | VICKER | 350880-7-29-25 | 00 | A9209202 | EDP / LONGER MOUNTING BOLTS TO INC GRIP | FSV | E | 1998-11-25 | 29-00 | SB VICKER 350880-6-29-34 |
| 296 | EDP001A | 350880-6 | MX328792 | SB | VICKER | 350880-7-29-25 | 00 | A9209202 | EDP / LONGER MOUNTING BOLTS TO INC GRIP | FSV | E | 1996-10-30 | 29-00 | |

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15

Issued By : 김선호





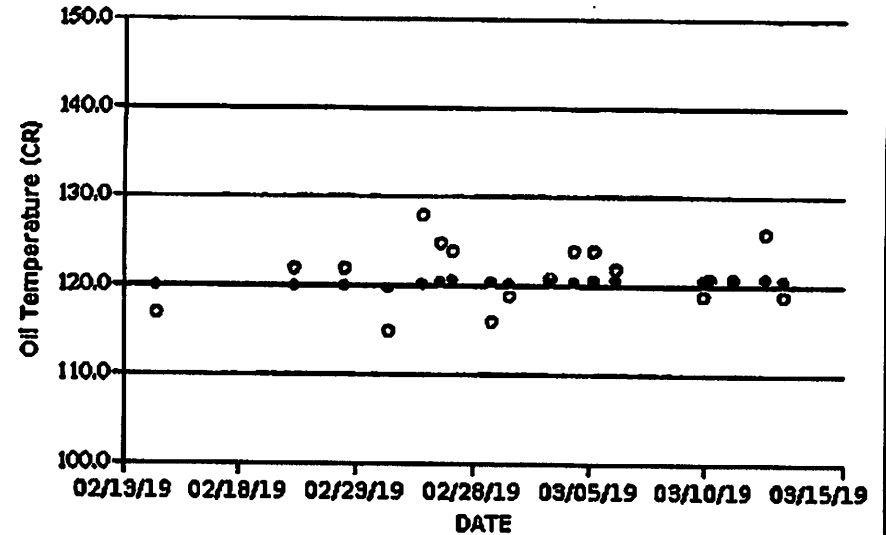
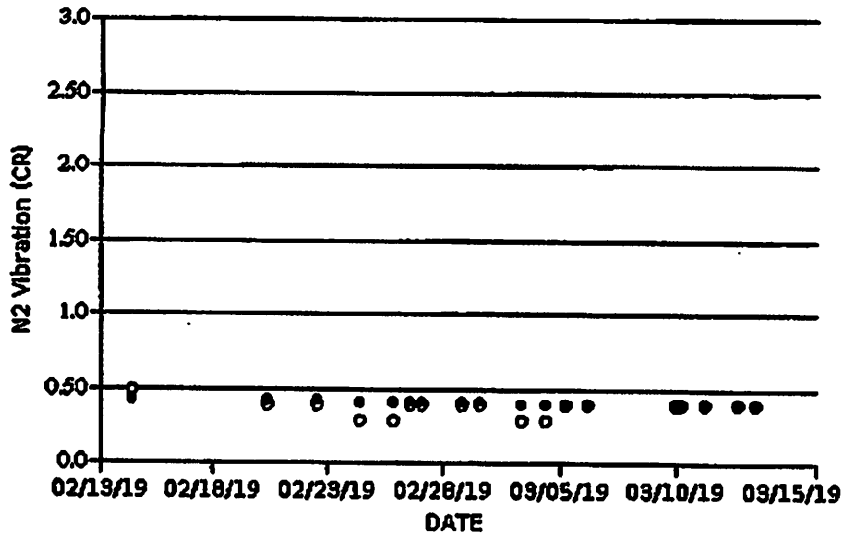
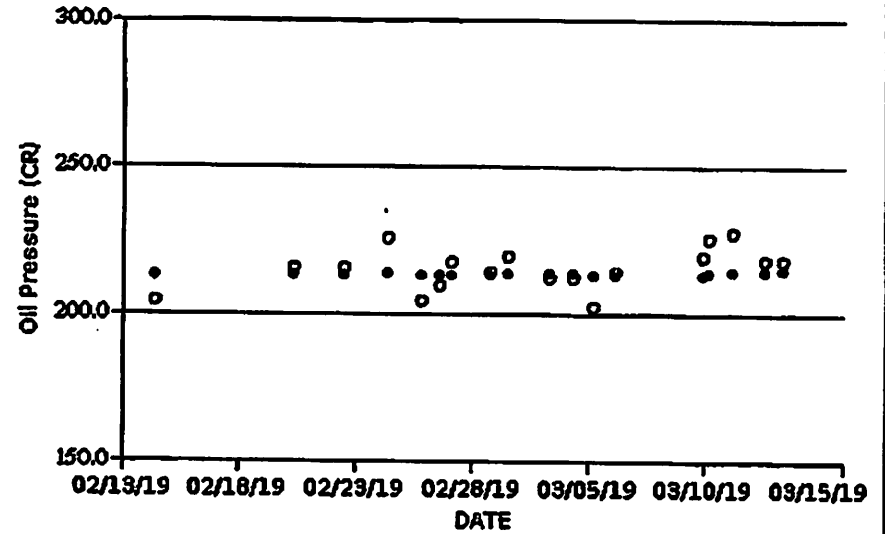
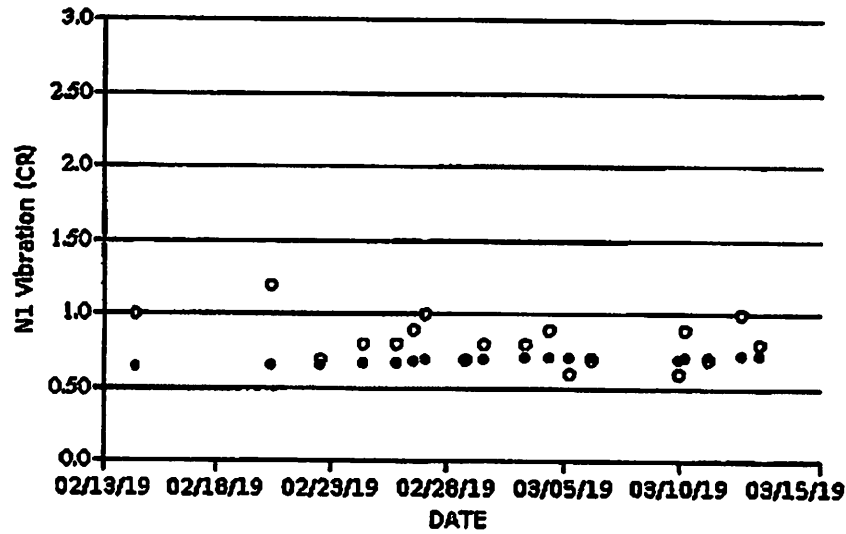
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