



SERVICE RECORD

ENGINE MODEL : TFE731-3R-1D SERIAL NUMBER: P83106
 TSN: 7001.5 CSN: 4085 MPI INTERVAL 1400 HR

PERFORMED FIVE-POINT CALIBRATION RUN AND VIBRATION SURVEY. SOAP SAMPLE SUBMITTED. ENGINE REMOVED FROM #2 POSITION OF N45H, A/C S/N 465-002 AT A/C T.T. 7068.4 HRS. LANDINGS 4118.

THE FOLLOWING INSPECTIONS HAVE BEEN ACCOMPLISHED IN ACCORDANCE WITH THE CURRENT TFE731 #72-02-15 MAINTENANCE MANUAL.

| | | | | | |
|-------------|----------|-------------------|-------------|----------|-------------------|
| 150 HR | @ 7001.5 | NEXT DUE @ 7151.5 | 1400 PLENUM | @ 7001.5 | NEXT DUE @ 8401.5 |
| 300 HR | @ 7001.5 | NEXT DUE @ 7301.5 | 4200 CZI | @ 4173.0 | NEXT DUE @ 8373.0 |
| 800 HR | @ 7001.5 | NEXT DUE @ 7801.5 | 4200 GB | @ 4173.0 | NEXT DUE @ 8373.0 |
| 1400 HR MPI | @ 7001.5 | NEXT DUE @ 8401.5 | 4200 FS | @ 4173.0 | NEXT DUE @ 8373.0 |

A4 NOZZLE AREA: 14.132

A5 NOZZLE AREA: 26.141

ALL SERVICE BULLETINS AND AIR WORTHINESS DIRECTIVES ACCOMPLISHED AT THIS TIME ARE LISTED IN THE APPROPRIATE SECTIONS OF THIS LOGBOOK. PARTS REPLACED ARE LISTED ON THE FOLLOWING PAGE. LIFE LIMIT CARDS AND COMPONENT RECORDS WHEN REQUIRED FOR PARTS INSTALLED ARE FOUND IN APPROPRIATE SECTIONS OF THIS LOGBOOK.

ENGINE REINSTALLED IN #2 POSITION OF N45H, 465-005. OIL CHANGED, ENGINE SERVICED WITH EXXON 2380. PERFORMED FIVE POINT CALIBRATION RUN, VIBRATION SURVEY, GROUND RUN AND TRIMMED IN ACCORDANCE WITH TFE731 LMM #72-02-15. A/C T.T. 7068.4 HRS. LANDINGS 4118.

THIS ENGINE HAS BEEN INSPECTED AND REPAIRED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES AS REQUIRED AND CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED. PERTINENT DETAILS OF THE WORK ACCOMPLISHED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. E1483

DATE: DECEMBER 13, 2000


 PREMIER TURBINES
 #14 ARCHVIEW DRIVE
 CAHOKIA, ILLINOIS 62206
 REPAIR STATION R03R822L

NOTE: S.O.A.P. SAMPLE IS REQUIRED IN 25 HOURS @ 7026.5 TO ESTABLISH A NEW BASELINE.



TFE731 INSTALLATION OF NOZZLE SEGMENTS

ENGINE MODEL: TFE731-3R-1D **SERIAL NUMBER:** P83106

TSN: 7001.5 **CSN:** 4085

**EFFECTIVE
FLOW AREA**

PART NUMBER

POSITION

| | | |
|----|-----------|------|
| 1 | 3072324-3 | .805 |
| 2 | 3072324-4 | .800 |
| 3 | 3072324-3 | .795 |
| 4 | 3072324-3 | .794 |
| 5 | 3072324-3 | .791 |
| 6 | 3072324-3 | .790 |
| 7 | 3072324-5 | .790 |
| 8 | 3072324-3 | .789 |
| 9 | 3072324-3 | .789 |
| 10 | 3072324-3 | .787 |
| 11 | 3072324-3 | .787 |
| 12 | 3072324-4 | .783 |
| 13 | 3072324-3 | .782 |
| 14 | 3072324-5 | .776 |
| 15 | 3072324-3 | .775 |
| 16 | 3072324-4 | .773 |
| 17 | 3072324-3 | .768 |
| 18 | 3072324-3 | .758 |

TOTAL AE 14.132