



### CFM56-7B Engine Maintenance Shop Additional Services & Repair Catalog (ASRC)

| CHAPTER  | MODULE DESCRIPTION                  | ITEM               | DESCRIPTION                                                                                     | S7T NUMBER         | PRICE                                                     | Comments            |         |              |
|----------|-------------------------------------|--------------------|-------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------|---------------------|---------|--------------|
| 72-00-00 | ENGINE GENERAL                      | 1                  | AIR DUCT BEARING REPLACEMENT*                                                                   | S7E 72-00-00 LQ101 | \$295                                                     | per one replacement |         |              |
|          |                                     | 2                  | CASE OR PART BLENDING, INCLUDING FPI AND ECI*                                                   | S7E 72-00-00 LQ102 | \$197                                                     | per one blend       |         |              |
|          |                                     | 3                  | HIGH METAL REMOVAL, INCLUDING FPI, ECI, TOUCH UP AND ETCHING*                                   | S7E 72-00-00 LQ103 | \$197                                                     | per one repair      |         |              |
|          |                                     | 4                  | COMPRESSOR ROTOR BLADE BOND BLENDING EVERY ADDITIONAL BLADE                                     | S7E 72-00-00 LQ104 | \$1974                                                    | per one blend       |         |              |
|          |                                     | 5                  | PARTIAL RECONDITIONING OF ABRADABLE SHROUD (UP TO 10%)* EVERY ADDITIONAL 10%*                   | S7E 72-00-00 LQ105 | \$3 345                                                   | per one repair      |         |              |
|          |                                     | 6                  | SPECIAL PROCEDURE 011 - REMOVAL AND INSTALLATION OF THE REAR VENT TUBE AND THE CENTER VENT TUBE | S7E 72-00-00 LQ107 | \$9 445                                                   | one time            |         |              |
|          |                                     | 7                  | INSTALLATION OF THE ENGINE ON THE MAINTENANCE STAND, OR THE HANDLING SUPPORTS                   | S7E 72-00-01 LQ110 | \$984                                                     | one time            |         |              |
|          |                                     | 8                  | INSTALLATION OF THE ENGINE ON THE SHIPPING STAND                                                | S7E 72-00-00 LQ111 | \$984                                                     | one time            |         |              |
|          |                                     | 9                  | CLOSING THE VBV'S                                                                               | S7E 72-00-00 LQ112 | \$197                                                     | one time            |         |              |
|          |                                     | 10                 | LPT COOLING MANIFOLD BRACKET REPLACEMENT                                                        | S7E 72-00-00 LQ113 | \$197                                                     | per bracket         |         |              |
|          |                                     | 11                 | ENGINE GENERAL VISUAL INSPECTION AND FINDINGS ASSESSMENT                                        | S7E 72-00-00 LQ114 | \$3 148                                                   | one time            |         |              |
|          |                                     | 12                 | INVENTORY CHECK LIST PREPARATION (INCLUDING P/N'S AND S/N'S) UP TO 40 UNITS                     | S7E 72-00-01 LQ115 | \$2 164                                                   | one time            |         |              |
|          |                                     | 13                 | COMPLETE ENGINE GAS PATH BORESCOPE INSPECTION WITH FLEXIBLE 360 DEG BORESCOPE FOR STATOR PARTS  | S7E 72-00-00 LQ116 | \$6 658                                                   | one time            |         |              |
|          |                                     | 14                 | HPC ROTOR-TO-STATOR CONTACT BORESCOPE INSPECTION                                                | S7E 72-00-00 LQ117 | \$3 148                                                   | one time            |         |              |
|          |                                     | 15                 | COMBUSTOR CHAMBER & HPT STG. 1 NGV BORESCOPE INSPECTION                                         | S7E 72-00-00 LQ118 | \$984                                                     | one time            |         |              |
|          |                                     | 16                 | HPT ROTOR BLADES BORESCOPE INSPECTION                                                           | S7E 72-00-00 LQ119 | \$590                                                     | one time            |         |              |
|          |                                     | 17                 | LPT S1, 1 NGV AND HPT SHROUDS BORESCOPE INSPECTION                                              | S7E 72-00-01 LQ120 | \$787                                                     | one time            |         |              |
|          |                                     | 18                 | LPT ROTOR/STATOR BORESCOPE INSPECTION                                                           | S7E 72-00-00 LQ121 | \$1 968                                                   | one time            |         |              |
|          |                                     | 19                 | ENGINE WRAP IN A PLASTIC FILM                                                                   | S7E 72-00-00 LQ122 | \$787                                                     | one time            |         |              |
|          |                                     | 20                 | ENGINE WRAP IN A HEAT SHRINKABLE PLASTIC FILM                                                   | S7E 72-00-00 LQ123 | \$1 968                                                   | one time            |         |              |
|          |                                     | 21                 | ENGINE PRESERVATION ON STAND UP TO 30 DAYS (WRAP IN A PLASTIC FILM + SILICA + ORIGINAL COVER)   | S7E 72-00-00 LQ124 | \$1 574                                                   | one time            |         |              |
|          |                                     | 22                 | ENGINE PRESERVATION ON STAND UP TO 365 DAYS (WRAP IN A PLASTIC FILM + SILICA + ORIGINAL COVER)  | S7E 72-00-01 LQ125 | \$3 935                                                   | one time            |         |              |
|          |                                     | 23                 | ENGINE OUTGOING INSPECTION                                                                      | S7E 72-00-00 LQ126 | \$1 574                                                   | one time            |         |              |
|          |                                     | 24                 | EXHAUST NOZZLE REMOVAL/INSTALLATION/INSPECTION                                                  | S7E 72-00-00 LQ127 | \$394                                                     | one time            |         |              |
|          |                                     | 25                 | EXHAUST PLUG REMOVAL/INSTALLATION/INSPECTION                                                    | S7E 72-00-00 LQ128 | \$1 181                                                   | one time            |         |              |
|          |                                     | 26                 | FUEL FILTER REMOVAL/INSTALLATION                                                                | S7E 72-00-00 LQ129 | \$157                                                     | one time            |         |              |
|          |                                     | 27                 | SCAVENGE OIL FILTER ELEMENT REMOVAL/INSTALLATION                                                | S7E 72-00-00 LQ130 | \$157                                                     | one time            |         |              |
| 29       | MCD REMOVAL/INSTALLATION/CHECK      | S7E 72-00-00 LQ131 | \$98                                                                                            | one time           |                                                           |                     |         |              |
| 72-00-01 | FAN MAJOR MODULE                    | 30                 | HARDWARE REMOVAL                                                                                | S7E 72-00-01 LQ101 | \$12 593                                                  | one time            |         |              |
|          |                                     | 31                 | HARDWARE CLEANING AND INSPECTION (SP01)                                                         | S7E 72-00-01 LQ102 | \$6 887                                                   | one time            |         |              |
|          |                                     | 32                 | HARDWARE INSTALLATION                                                                           | S7E 72-00-01 LQ103 | \$13 773                                                  | one time            |         |              |
| 72-00-02 | CORE MAJOR MODULE                   | 33                 | HARDWARE REMOVAL                                                                                | S7E 72-00-02 LQ101 | \$10 822                                                  | one time            |         |              |
|          |                                     | 34                 | HARDWARE CLEANING AND INSPECTION (SP01)                                                         | S7E 72-00-02 LQ102 | \$6 887                                                   | one time            |         |              |
|          |                                     | 35                 | HARDWARE INSTALLATION                                                                           | S7E 72-00-02 LQ103 | \$11 806                                                  | one time            |         |              |
| 72-00-03 | LPT MAJOR MODULE                    | 36                 | HARDWARE REMOVAL                                                                                | S7E 72-00-03 LQ101 | \$7 084                                                   | one time            |         |              |
|          |                                     | 37                 | HARDWARE CLEANING AND INSPECTION (SP01)                                                         | S7E 72-00-03 LQ102 | \$4 919                                                   | one time            |         |              |
|          |                                     | 38                 | HARDWARE INSTALLATION                                                                           | S7E 72-00-03 LQ103 | \$7 477                                                   | one time            |         |              |
|          |                                     | 39                 | REMOVAL                                                                                         | S7E 72-00-03 LQ104 | \$6 493                                                   | one time            |         |              |
|          |                                     | 40                 | CLEANING AND INSPECTION                                                                         | S7E 72-00-03 LQ105 | \$2 164                                                   | one time            |         |              |
|          |                                     | 41                 | INSTALLATION                                                                                    | S7E 72-00-03 LQ106 | \$6 493                                                   | one time            |         |              |
|          |                                     | 42                 | TURBINE REAR FRAME REMOVAL                                                                      | S7E 72-00-03 LQ107 | \$787                                                     | one time            |         |              |
|          |                                     | 43                 | TURBINE REAR FRAME CLEANING AND INSPECTION                                                      | S7E 72-00-03 LQ108 | \$98                                                      | one time            |         |              |
|          |                                     | 44                 | TURBINE REAR FRAME INSTALLATION                                                                 | S7E 72-00-03 LQ109 | \$1 181                                                   | one time            |         |              |
|          |                                     | 45                 | BEARING IN REPLACEMENT (TRF REMOVED)                                                            | S7E 72-00-03 LQ110 | \$5 809                                                   | one time            |         |              |
|          |                                     | 46                 | BEARING NS REMOVAL/INSTALLATION, WITHOUT SLEEVE GRINDING (TRF REMOVED)                          | S7E 72-00-03 LQ111 | \$1 181                                                   | one time            |         |              |
|          |                                     | 47                 | LPT STG. 1 SEAL SEGMENT REPLACEMENT                                                             | S7E 72-00-03 LQ112 | \$394                                                     | one segment         |         |              |
|          |                                     | 48                 | REAR VENT TUBE REPLACEMENT (TRF REMOVED)                                                        | S7E 72-00-03 LQ113 | \$1 377                                                   | one time            |         |              |
|          |                                     | 49                 | LPT SHAFT TOUCH-UP REPAIR PER ONE DAMAGE EVERY ADDITIONAL DAMAGE                                | S7E 72-00-03 LQ114 | \$590                                                     | per damage          |         |              |
|          |                                     | 72-00-21           | FAN & BOOSTER MODULE                                                                            | 50                 | FAN BLADES REMOVAL                                        | S7E 72-00-21 LQ101  | \$984   | one time     |
|          |                                     |                    |                                                                                                 | 51                 | FAN BLADES CLEANING AND INSPECTION                        | S7E 72-00-21 LQ102  | \$4 722 | one time     |
|          |                                     |                    |                                                                                                 | 52                 | FAN BLADES INSTALLATION                                   | S7E 72-00-21 LQ103  | \$2 951 | one time     |
|          |                                     |                    |                                                                                                 | 53                 | REMOVAL (FAN BLADES REMOVED)                              | S7E 72-00-21 LQ104  | \$984   | one time     |
|          |                                     |                    |                                                                                                 | 54                 | CLEANING AND INSPECTION (FAN BLADES REMOVED)              | S7E 72-00-21 LQ105  | \$2 164 | one time     |
|          |                                     |                    |                                                                                                 | 55                 | INSTALLATION (FAN BLADES REMOVED)                         | S7E 72-00-21 LQ106  | \$2 164 | one time     |
|          |                                     |                    |                                                                                                 | 56                 | FAN DISK REMOVAL (MODULE 2IX REMOVED)                     | S7E 72-00-21 LQ107  | \$787   | one time     |
|          |                                     |                    |                                                                                                 | 57                 | FAN DISK CLEANING AND INSPECTION (MODULE 2IX REMOVED)     | S7E 72-00-21 LQ108  | \$1 574 | one time     |
|          |                                     |                    |                                                                                                 | 58                 | FAN DISK INSTALLATION (MODULE 2IX REMOVED)                | S7E 72-00-21 LQ109  | \$787   | one time     |
|          |                                     |                    |                                                                                                 | 59                 | FAN BLADE PLATFORM-REPAIR THE FORWARD END CONCAVE SIDE    | S7E 72-00-21 LQ110  | \$295   | one platform |
|          |                                     |                    |                                                                                                 | 60                 | FAN BLADE PLATFORM ELASTOMER SEAL REPLACEMENT (TWO SIDES) | S7E 72-00-21 LQ111  | \$492   | one platform |
|          |                                     |                    |                                                                                                 | 61                 | FAN BLADE PLATFORM WEIGHT ADJUSTMENT                      | S7E 72-00-21 LQ112  | \$98    | one platform |
|          |                                     | 72-00-22           | № 1/2 BEARING SUPPORT MODULE                                                                    | 62                 | NBV GUIDES PAD REPLACEMENT                                | S7E 72-00-22 LQ113  | \$1 181 | one time     |
| 63       | REMOVAL                             |                    |                                                                                                 | S7E 72-00-22 LQ101 | \$1 771                                                   | one time            |         |              |
| 64       | INSTALLATION                        |                    |                                                                                                 | S7E 72-00-22 LQ102 | \$1 771                                                   | one time            |         |              |
| 72-00-23 | FAN FRAME MODULE                    | 65                 | INSPECTION/CHECK                                                                                | S7E 72-00-22 LQ103 | \$394                                                     | one time            |         |              |
|          |                                     | 66                 | SPECIAL PROCEDURE 001 - REMOVAL AND INSTALLATION OF CONTAINMENT CASE (FCC)                      | S7E 72-00-23 LQ101 | \$29 515                                                  | one time            |         |              |
|          |                                     | 67                 | CLEANING                                                                                        | S7E 72-00-23 LQ102 | \$590                                                     | one time            |         |              |
| 72-00-31 | HP COMPRESSOR ROTOR ASSEMBLY        | 68                 | INSPECTION/CHECK                                                                                | S7E 72-00-31 LQ103 | \$984                                                     | one time            |         |              |
|          |                                     | 69                 | INSPECTION IN ASSEMBLED CONDITION PER ESM 72-00-00 SP010                                        | S7E 72-00-31 LQ101 | \$1 968                                                   | per each            |         |              |
|          |                                     | 70                 | STAGE 1-3 BLADES REMOVAL/INSTALLATION UP TO 5 EA.                                               | S7E 72-00-31 LQ102 | \$394                                                     | per one stage       |         |              |
| 72-00-32 | HP COMPRESSOR FRONT STATOR ASSEMBLY | 71                 | STAGE 1-3 BLADES FULL SET REMOVAL/INSTALLATION/CLEANING (INCLUDING BLADE SLOT) & INSPECTION     | S7E 72-00-31 LQ103 | \$1 574                                                   | per one stage       |         |              |
|          |                                     | 72                 | STAGE 4-9 BLADES FULL SET REMOVAL/INSTALLATION/CLEANING (INCLUDING BLADE SLOT) & INSPECTION     | S7E 72-00-31 LQ104 | \$1 968                                                   | per one stage       |         |              |
|          |                                     | 73                 | STG. 3 DISK ULTRASONIC INSPECTION                                                               | S7E 72-00-31 LQ105 | \$590                                                     | per inspection      |         |              |
|          |                                     | 74                 | SPOOL STG. 1-2, STG. 3 DISK RETAINER HOOKS BLENDING, FPI AND DIMENSIONAL INSPECTION             | S7E 72-00-31 LQ106 | \$1 968                                                   | per one side        |         |              |
|          |                                     | 75                 | BLADES TIP GRINDING                                                                             | S7E 72-00-31 LQ107 | \$49                                                      | per one blade       |         |              |
|          |                                     | 76                 | BLADES BLENDING                                                                                 | S7E 72-00-31 LQ108 | \$49                                                      | per one blend       |         |              |
|          |                                     | 77                 | IGV INNER BUSHINGS AND SHROUDS REPLACEMENT                                                      | S7E 72-00-32 LQ101 | \$394                                                     | per stage half      |         |              |
|          |                                     | 78                 | STG. 1, 2 and 3 INNER BUSHINGS, SHROUDS AND PINS REPLACEMENT                                    | S7E 72-00-32 LQ102 | \$394                                                     | per stage half      |         |              |
|          |                                     | 79                 | IGV STG. 1, 2 and 3 OUTER BUSHINGS, WASHERS, VANES, LEVER ARMS, VSV RING BUSHINGS REPLACEMENT   | S7E 72-00-32 LQ103 | \$984                                                     | per stage half      |         |              |
|          |                                     | 80                 | UPPER COMPRESSOR CASE REMOVAL (INCLUDING QEC)                                                   | S7E 72-00-32 LQ104 | \$6 493                                                   | one time            |         |              |
| 72-00-33 | HP COMPRESSOR REAR STATOR ASSEMBLY  | 81                 | UPPER COMPRESSOR CASE INSTALLATION (INCLUDING QEC)                                              | S7E 72-00-32 LQ105 | \$9 445                                                   | one time            |         |              |
|          |                                     | 82                 | LOWER COMPRESSOR CASE REMOVAL (INCLUDING QEC)                                                   | S7E 72-00-32 LQ106 | \$7 871                                                   | one time            |         |              |
|          |                                     | 83                 | LOWER COMPRESSOR CASE INSTALLATION (INCLUDING QEC)                                              | S7E 72-00-32 LQ107 | \$7 871                                                   | one time            |         |              |
|          |                                     | 84                 | COMPRESSOR CASE HALF - CLEANING AND INSPECTION                                                  | S7E 72-00-32 LQ108 | \$8 654                                                   | per half            |         |              |
|          |                                     | 85                 | STG. 4, 5 VANE SECTOR REPLACEMENT                                                               | S7E 72-00-32 LQ109 | \$295                                                     | per sector          |         |              |
|          |                                     | 86                 | LOCAL SCAB REMOVAL AND BLENDING                                                                 | S7E 72-00-32 LQ110 | \$98                                                      | per scab            |         |              |
|          |                                     | 87                 | UPPER HALF REMOVAL                                                                              | S7E 72-00-33 LQ101 | \$394                                                     | one time            |         |              |
|          |                                     | 88                 | UPPER HALF INSTALLATION                                                                         | S7E 72-00-33 LQ102 | \$394                                                     | one time            |         |              |
|          |                                     | 89                 | LOWER HALF REMOVAL                                                                              | S7E 72-00-33 LQ103 | \$590                                                     | one time            |         |              |
|          |                                     | 90                 | LOWER HALF INSTALLATION                                                                         | S7E 72-00-33 LQ104 | \$394                                                     | per unit            |         |              |
| 72-00-42 | COMBUSTOR CHAMBER MODULE            | 91                 | STG. 6, 7, 8 VANE SECTOR REPLACEMENT                                                            | S7E 72-00-33 LQ101 | \$590                                                     | per sector          |         |              |
|          |                                     | 92                 | LOCAL SCAB REMOVAL AND BLENDING                                                                 | S7E 72-00-33 LQ106 | \$98                                                      | per scab            |         |              |
|          |                                     | 93                 | FUEL NOZZLES REMOVAL (FULL SET)                                                                 | S7E 72-00-42 LQ101 | \$1 968                                                   | per set             |         |              |
|          |                                     | 94                 | FUEL NOZZLES INSTALLATION (FULL SET)                                                            | S7E 72-00-42 LQ102 | \$2 755                                                   | per set             |         |              |
|          |                                     | 95                 | CLEANING AND INSPECTION                                                                         | S7E 72-00-42 LQ103 | \$550                                                     | one time            |         |              |
|          |                                     | 96                 | REMOVAL                                                                                         | S7E 72-00-42 LQ104 | \$394                                                     | one time            |         |              |
| 72-00-51 | HP TURBINE NOZZLES MODULE           | 97                 | INSTALLATION                                                                                    | S7E 72-00-42 LQ105 | \$394                                                     | one time            |         |              |
|          |                                     | 98                 | REMOVAL                                                                                         | S7E 72-00-51 LQ101 | \$1 968                                                   | one time            |         |              |
|          |                                     | 99                 | INSTALLATION                                                                                    | S7E 72-00-51 LQ102 | \$2 361                                                   | one time            |         |              |
|          |                                     | 100                | CLEANING AND INSPECTION                                                                         | S7E 72-00-51 LQ103 | \$1 574                                                   | one time            |         |              |
|          |                                     | 101                | DISASSEMBLY                                                                                     | S7E 72-00-51 LQ104 | \$787                                                     | one time            |         |              |
|          |                                     | 102                | ASSEMBLY                                                                                        | S7E 72-00-51 LQ105 | \$1 574                                                   | one time            |         |              |
|          |                                     | 103                | NOZZLE SEGMENT REPLACEMENT                                                                      | S7E 72-00-51 LQ106 | \$394                                                     | per segment         |         |              |
|          |                                     | 104                | REMOVAL                                                                                         | S7E 72-00-52 LQ101 | \$1 574                                                   | one time            |         |              |
|          |                                     | 105                | INSTALLATION                                                                                    | S7E 72-00-52 LQ102 | \$3 935                                                   | one time            |         |              |
|          |                                     | 106                | CLEANING AND INSPECTION                                                                         | S7E 72-00-52 LQ103 | \$1 771                                                   | one time            |         |              |
| 72-00-52 | HP TURBINE ROTOR MODULE             | 107                | FOS RADIUS CLEANING (REMOVED MODULE)                                                            | S7E 72-00-52 LQ104 | \$2 361                                                   | one time            |         |              |
|          |                                     | 108                | FOS RADIUS CLEANING (INSTALLED MODULE)                                                          | S7E 72-00-52 LQ105 | \$7 084                                                   | one time            |         |              |
|          |                                     | 109                | BLADES REPLACEMENT UP TO 6 EA EVERY ADDITIONAL BLADE                                            | S7E 72-00-52 LQ106 | \$3 739                                                   | one time            |         |              |
|          |                                     | 110                | REMOVAL                                                                                         | S7E 72-00-52 LQ107 | \$236                                                     | per blade           |         |              |
|          |                                     | 111                | INSTALLATION                                                                                    | S7E 72-00-53 LQ101 | \$1 574                                                   | one time            |         |              |
|          |                                     | 112                | CLEANING AND INSPECTION                                                                         | S7E 72-00-53 LQ102 | \$1 968                                                   | one time            |         |              |
|          |                                     | 113                | DISASSEMBLY FOR LPT NGV STG. 1 REPLACEMENT                                                      | S7E 72-00-53 LQ103 | \$787                                                     | one time            |         |              |
|          |                                     | 114                | LPT NGV STG. 1 SEGMENTS REPLACEMENT                                                             | S7E 72-00-53 LQ104 | \$1 574                                                   | one time            |         |              |
|          |                                     | 115                | ASSEMBLY AFTER LPT NGV STG. 1 REPLACEMENT                                                       | S7E 72-00-53 LQ105 | \$1 968                                                   | per segment         |         |              |
|          |                                     | 116                | REMOVAL (INCLUDING QEC)                                                                         | S7E 72-00-62 LQ101 | \$1 181                                                   | one time            |         |              |
| 72-00-62 | TGB MODULE                          | 117                | INSTALLATION (INCLUDING QEC)                                                                    | S7E 72-00-62 LQ102 | \$1 181                                                   | one time            |         |              |
|          |                                     | 118                | CLEANING AND INSPECTION                                                                         | S7E 72-00-62 LQ103 | \$787                                                     | one time            |         |              |
|          |                                     | 119                | QEC/LRU REMOVAL                                                                                 | S7E 72-00-63 LQ101 | \$8 264                                                   | one time            |         |              |
| 72-00-63 | AGB MODULE                          | 120                | QEC/LRU INSTALLATION                                                                            | S7E 72-00-63 LQ102 | \$11 806                                                  | one time            |         |              |
|          |                                     | 121                | REMOVAL                                                                                         | S7E 72-00-63 LQ103 | \$1 868                                                   | one time            |         |              |
|          |                                     | 122                | INSTALLATION                                                                                    | S7E 72-00-63 LQ104 | \$2 361                                                   | one time            |         |              |
|          |                                     | 123                | CLEANING AND INSPECTION                                                                         | S7E 72-00-63 LQ105 | \$787                                                     | one time            |         |              |
|          |                                     | 124                | SB 72-0964 ACCOMPLISHMENT (AGB MODULE INSTALLED ON ENGINE) INCLUDING QEC R/I                    | S7E 72-00-63 LQ106 | \$4 526                                                   | per SB              |         |              |
|          |                                     | 125                | SB 72-0964 ACCOMPLISHMENT (AGB MODULE REMOVED FROM ENGINE)                                      | S7E 72-00-63 LQ107 | \$3 148                                                   | per SB              |         |              |
|          |                                     | 126                | 72-0689 ACCOMPLISHMENT (AGB MODULE INSTALLED ON ENGINE) INCLUDING QEC R/I                       | S7E 72-00-63 LQ108 | \$9 445                                                   | per SB              |         |              |
|          |                                     | 127                | 72-0689 ACCOMPLISHMENT (AGB MODULE REMOVED FROM ENGINE)                                         | S7E 72-00-63 LQ109 | \$5 509                                                   | per SB              |         |              |