



2249, E SEYMOUR AVE CINCINNATI, OH 45212, Phone: (513) 771-3292, Fax: (513) 771-3286

SCOPE OF ACCREDITATIONS

QUALITY SYSTEM:

| REGISTRAR | PROCESS APPROVALS | | CERTIFICATE NUMBER |
|-----------|-------------------|---------------|--------------------|
| LLOYDS | AS9100D | ISO 9001:2008 | 10395866 |

SPECIAL PROCESSING SERVICES:

| SOURCE | PROCESS APPROVALS | | COMMENTS | SUPPLIER CODE |
|------------------------------------|--------------------|---------------------------------|---|---------------|
| AEROJET ROCKETDYNE | CP | CLEANING ALUMINUM ALLOYS | RA0110-034 | 12867 |
| | CP | CLEANING TITANIUM ALLOYS | RA0110-047 | |
| | CP | ALKALINE CLEANING | RA0110-018 | |
| | CP | PASSIVATION ONLY | RA0110-018 | |
| | CP | SWAB ETCHING | RA-1103-1 (JBK-75, 347SS, INCO 625, INCO 718, 903 ALLOY MATL) | |
| | PT | PENETRANT | ASTM E1417 RA0115-116 | |
| BAE SYSTEMS | BAE-APP-3320 | EDDY CURRENT DEMO PER LMA PC006 | APPROVED INSPECTORS: MUHARREM ERDEN JOE COMBS HUSTON SMITH RYAN MCBURROWS | F-35 F/C |
| BLUE ORIGIN | PT | PENETRANT INSPECTION | TYPE 1, METHOD A LEVEL 3, FORM A PER ASTM E1417 | |
| | CP | PASSIVATION | METHODE 1, TYPE 6 PER AMS 2700 | |
| | CP | PRE-PENETRANT ETCH | NICKEL ALLOY | |
| | CP | CLEANING & PASSIVATION | METHOD 1, METHOD 3& METHOD 5 BARE TITANIUM ONLY) CLASS 1, 3 & 4 PER CMSP-02291 | |
| BOEING DI-4426 | 411 | PENETRANT | ASTM E1417 | 61897 |
| | 849 | NDT PQ&C | BSS 7698/NAS410 | |
| GE AVIATION GT-193 | AA | PENETRANT | P3TF2, P3TF44, P3TF47, NAS 410 | 71814 |
| | AB | MAGNETIC PARTICLE | P3TF9, P3TF48, NAS 410 | |
| | AE | RADIOGRAPHY | P3TF5, NAS 410 | |
| | AF | ULTRASONICS | P3TF24 CL- D; P29TF82 CL-A,B | |
| | AH | MACRO ETCHING | P4TF2, P4TF4, AMS2643 | |
| | AI | METALLIC MATERIALS TESTING | S400 LIMITED TO L, M, XZ, XRR; AND P3TF19; P3TF33; E50TF133 | |
| | AK-01 | ETCH INSPECT-IMMERSION | P4TF2, P4TF3, P4TF4, P4TF9, S-421; PRE-PENETRANT ETCH | |
| | AK-02 | SWAB ETCH | P4TF8 | |
| | AT | BLUE ETCH ANODIZE | P3TF25; P3TF33 | |
| | AL | EDDY CURRENT | P3TF21 CLASS A, B, D, E, F | |
| | DA | PASSIVATION | AMS 2700 | |
| | DJ | ACID/ALKALINE CLEANING | P4TF2, P4TF5, AMS 1382 | |
| | DU | TITANIUM CLEANING | P4TF3, S-421 | |
| DK | STRIPPING/LEECHING | P4-TE20, P4TF5, MIL-STD-871 | | |



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| | B1 | CLEANLINESS VERIFICATION | P4TF21 | |
| | CX | CHEM SURFACE PREP FOR CHEM BONDING | CX01- LIMITED TO P4TF9 CLASS B | |

| SOURCE | PROCESS APPROVALS | | COMMENTS | SUPPLIER CODE |
|--|--------------------|-----------------------------|--|---|
| FAA | NDT | FAR | SEE CERTIFICATION | 7QSR482D |
| | CP | | | |
| HAMILTON SUNDSTRAND | MT | MAGNETIC PARTICLE | AMS 2640; ASTM E1444; CP16.04; MIL-I-6868; MIL-STD-1949; PN16.04; HS31 | 127721 |
| | CP | ETCH PRIOR TO PENETRANT | HS7725, HS7725 TYPE 2 | |
| | PT | PENETRANT | AMS 2645; ASTM E1417; CP16.03; MIL-I-6866; MIL-STD-6866; PN16.03; P256; HS447 | |
| LOCKHEED MARTIN AERONAUTICS QCS-001 | 136A | EDDY CURRENT F & D CRITICAL | FRACTURE DURABILITY | PQA 233 |
| | 135 | | STP-900 | |
| | 136 | | 5PTPCT02 | |
| | 136B | | 5PTPCT12 | |
| | 139 | | LMA-PC002 | |
| | 139A | | LMA-PC012 | |
| LOCKHEED MARTIN SPACE SYSTEMS | PT | PENETRANT | ASTM E1417 | T00207 ZA65045B/ LM000009384 LM0030700 |
| | MT | MAGNETIC PARTICLE | ASTM E1444 | |
| | RT | RADIOGRAPHY | ASTM E1742 / MIL-STD-453 | |
| LOCKHEED MARTIN RMS | MT | MAGNETIC PARTICLE | T9074-AS-GIB-010/271 | Q000002197 |
| | RT | RADIOGRAPHY | | |
| | UT | ULTRASONICS | | |
| MTU AERO ENGINES | BEA | Blue Etch Anodize | P3TF25 | 12008955 |
| | ECI | Eddy Current | P3TF21 | |
| | REPS | Replications | P3TF33 | |
| | PT | Liquid Penetrant | P3TF2 | |
| | TI CLEAN | Titanium Cleaning | P4TF3 | |
| NADCAP | AC7101 AC7110 | MATERIALS TESTING LAB | MECHANICAL. MECHANICAL SPECIMEN PREPARATION; METALLOGRAPHY; MICRO-HARDNESS | QML |
| | AC7108 AC7108/2 | CHEMICAL PROCESSING ETCH | CHEMICAL CLEANING: ACID, ALKALINE, TI, ULTRASONIC ETCHING: MACROSTRUCTURE, NITAL, BLUE ETCH ANODIZE, PASSIVATION, LOCAL SWAB, MACROSTRUCTURE, PRE-PENETRANT, TEMPER, NITAL, STRIPPING ON MERIT | |
| | AC7114 | NDT | ON MERIT | |
| | AC7114/1 | PENETRANT | ON MERIT | |
| | AC7114/2 | MAGNETIC PARTICLE | ON MERIT | |
| | AC7114/3 | ULTRASONICS | ON MERIT | |
| | AC7114/4 | RADIOGRAPHY | ON MERIT | |
| | AC7114/5 | EDDY CURRENT | ON MERIT | |
| PRATT & WHITNEY QA101 | BEA | BLUE ETCH ANODIZE | BENNIE FOLEY, PW L3 | MCL |
| | NDT | NONDESTRUCTIVE TESTING | AFTERMARKET / REPAIR & OVERHAUL | 66-R |
| | NDTQ | PERSONNEL Q & C | EIM MASTER/NAS 410 | MCLM MCLM |
| | PT | PENETRANT | XRM CODE 2 / FPM CODE 7 BRIAN WOLFZORN, PW L3 | |



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|------------------------|-----|--------------------------------------|---|--------|
| | RT | X-RAY | XRM CODE 3 BRIAN WOLFZORN, PW L3 | 000886 |
| | CP | TITANIUM CLEANING | PWA-116-1 | |
| | | EIM CODES | MICAH POLICANO P&W LV 3, CODE 2, CODE 7, CODE 8 | |
| | | CVM-2 | ANODIC ETCH (PROCESS ONLY) | |
| PRATT & WHITNEY CANADA | MTL | HARDNESS, METALLOGRAPHIC EXAMINATION | CODE 5; CODE 7 | MCLM |

| SOURCE | PROCESS APPROVALS | | COMMENTS | SUPPLIER CODE |
|-----------------------------|-------------------|---|--|---------------|
| ROLLS-ROYCE UK AEROSPACE | QA | TECH CONTROL OF MFG PROCESSES | RRP 50000 | 219540 |
| | PT | PENETRANT | RRP 58003 1A3 & 1D4 NEED L3 APPROVAL | |
| | CP | STRIPPING OF PAINT FINISHES | RPS 26 | |
| | CP | ABRASIVE BLASTING | RPS 386 | |
| | CP | REMOVAL OF COMBUSTION-PLASMA COATINGS | RPS 592 | |
| | CP | ETCHING OF NICKEL BASE AND STEEL ALLOY COMPONENTS | RPS 674 PROCEDURE B | |
| | CP | GENERAL CLEANING | RRP 51000 (RPS 461) | |
| | CP | BLUE ETCH ANODIZE | RRP 51001 (RPS 675) METHOD B | |
| | CP | ETCHING OF NICKEL BASE AND STEEL ALLOYS | RRP 51002 | |
| | CP | ABRASIVE BLASTING | RRP 51006 | |
| | CP | FERRIC CHLORIDE ETCH FOR GRAIN DISCERNMENT | RR-EPS13035 | |
| | VT | VISUAL | RRP 58007 (RPS 709) | |
| | RT | RADIOGRAPHY | RRP 58006 NEED L3 APPROVAL | |
| ROLLS-ROYCE INDIANAPOLIS | CP | BLUE ETCH ANODIZE | RPS 675 METHOD B | 116780 |
| BLUE ORIGIN | RT | RADIOGRAPHY | TECHNIQUES SHALL BE APPROVED BY BLUE ORIGIN | |
| SPACE X | PT | PENETRANT | APPROVED | TEINDU |
| | MT | MAGNETIC PARTICLE | APPROVED | TEINDU |
| | RT | RADIOGRAPHY | APPROVED | TEINDU |
| | ET | EDDY CURRENT | APPROVED | TEINDU |
| | UT | ULTRASONICS | APPROVED | TEINDU |
| SAFRAN | CP | ETCHING / DEGREASING | DMP 12-107; DMP12-109 & DMP11;PR-0011;BLRF 000101 | MDM524409 |
| | PT | SENSITIVITY LV 4 | DMC 0010;PR-5000 | MDM524409 |
| | MTL | HARDNESS, GRAIN SIZE, ALPHA CASE, EDM | DMC0253, DMC0090, DMP65, DM67-001, P3TF33, ASTM E10, ASTM E18 | MDM524409 |
| SNECMA | PT | PENETRANT | DMC0010, EXP. 5/31/14 | 015318-04 |
| | MTL | REPLICATION | FAL 487; REPLICATION ON FINISHED PARTS, RECAST LAYER ON ECM MACHINED SURFACES PER DMP 65 | |