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LM Aero QCS-001

Special Process Listing For:

MORRELLS ELECTROPLATING CO.

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| LM Aero Processor Code: | 012629,PQA558 |
| Address: | 432 EUCLID AVENUE P.O. BOX 3085 COMPTON, CA 902222810 |
| Contact: | Babak Sazgari , QA Manager (310) 639-0124 |

| Process code | Process Description | Remarks and Limitations |
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| 110A | MIL-STD-6866/ASTM-E-1417 Penetrant Inspection | Steve Senne Level III |
| 110B | NDTS-1101 - This is a special process requiring monitoring and approval by Supplier Quality Management (SQM), so not all of the processors listed on the Qualified Processors List at (https://edcs01.lmtas.com/main/livelink?func=II%26objId=18416114%26objAction=Open%26nexturl=%2Fmain%2Flivelink%3Ffunc%3DII%26objId%3D14440676%26objAction%3Dbrowse%26viewType%3D1) may be currently allowed for processing. Refer to the specific process code to determine approved sources.Penetrant Inspection | Excludes and 1C |
| 110C1 | NDTS-1101 - This is a special process requiring monitoring and approval by Supplier Quality Management (SQM), so not all of the processors listed on the Qualified Processors List at (https://edcs01.lmtas.com/main/livelink?func=II%26objId=18416114%26objAction=Open%26nexturl=%2Fmain%2Flivelink%3Ffunc%3DII%26objId%3D14440676%26objAction%3Dbrowse%26viewType%3D1) may be allowed for processing. Refer to the process code to determine sources.Pre-Penetrant Etch - Aluminum | Approved PCD MPP 1102 Rev. C (WF-ID 46180894) |
| 110D | NDTS-1101, Zone 1A Fracture Critical - This is a special process requiring monitoring and approval by Supplier Quality Management (SQM), so not all of the processors listed on the Qualified Processors List at (https://edcs01.lmtas.com/main/livelink?func=II%26objId=18416114%26objAction=Open%26nexturl=%2Fmain%2Flivelink%3Ffunc%3DII%26objId%3D14440676%26objAction%3Dbrowse%26viewType%3D1) may be allowed for processing. Refer to the process code to determine sources.Penetrant Inspection | REFERENCE FQPL-NDTS1101 FOR SPECIFIC MATERIALS. PCIR 1736. |
| 110E | NDTS-1101, Zone 1B Fracture Critical - This is a special process requiring monitoring and approval by Supplier Quality Management (SQM), so not all of the processors listed on the Qualified Processors List at (https://edcs01.lmtas.com/main/livelink?func=II%26objId=18416114%26objAction=Open%26nexturl=%2Fmain%2Flivelink%3Ffunc%3DII%26objId%3D14440676%26objAction%3Dbrowse%26viewType%3D1) may be allowed for processing. Refer to the process code to determine sources.Penetrant Inspection | |
| 111A | STP53-201/LCP72-1068 Penetrant Inspection | Excludes Titanium Castings. |
| 111C | C-0567Penetrant Inspection | Approved PCD: MPP 0567 Rev. A |
| 113 | LMA-PC201Penetrant (Fluorescent) Inspection | Approved for Non-Critical Parts and Critical Parts. Not Approved For Fracture Critical. M and P F-35 procedure number LMA-PC201 dated 03/14/10 |
| 113a | LMA-PC201Penetrant Inspection Fracture Critical | Qualification expires 11/30/2021. |
| 148 | LMA-PG001Pre-Penetrant Etch-Aluminum | Approved PCD (aluminum only): MPP-051 Rev C dated 7/9/10 |

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| | | approved on WF-ID 36349011. |
| 160 | NDTS-1500 / 1501 Hardness Testing | |
| 161 | NDTS-1500 / 1502 Conductivity Testing | |
| 167 | LMA-PC009Conductivity Testing | |
| 168 | LMA-PC009Hardness Testing | |
| 169 | DS30005 (If the required conversion table is not available, submit an eSPaR and reference TDA DH57079, to request appropriate direction for continued processing.)Hardness Conductivity & Tensile Strength | |
| 171 | AMS 2658 (Effective 01-01-2014) (If the required conversion table is not available, submit an eSPaR and reference TDA DH57079, to request appropriate direction for continued processing.)Hardness/Conductivity Inspec. Wrought Alum Alloy | |
| 200A | MIL-A-8625, Type 1 and Type 1BChromic Acid Anodize | |
| 200B | MIL-A-8625 Type II Sulfuric Acid Anodize | |
| 200H | STP 58-209 Chromic Acid Anodize | |
| 200L | STP 58-208 Sulfuric Acid Anodize | Approved PCD: MPP number 58208L Rev. Org (WF ID 45018832) |
| 200S | 2ZZP00001Chromic Acid Anodize | MIL-A-8625 Type IB |
| 210 | AMS-C-5541/MIL-DTL-5541, Type I, Class 1A and Class 3Chem Film | |
| 210A | STP 58-405 Chem Film | Approved PCD MPP 0007L Rev. E |
| 210B | Process Spec C-0498 Has been canceled use sources listed under STP58-405Chem Film | Approved PCD MPP 0498 Rev. A |
| 240A | MIL-F-18264 Prime and Paint | |
| 240C | LMA-PJ264APPLICATION AND CONTROL OF ORGANIC FINISHES | |
| 242A | MIL-C-27725/AMS-C-27725 Fuel Tank Coating | |
| 242B | FPS-1004 - (Application MIL-C-27725/AMS-C-27725 Material). This is a special process requiring monitoring and approval by SQM, so not all of the processors listed on the Qualified Processors List at (https://edcs01.lmtas.com/main/livelink?func=I%26objId=18678872%26objAction=Open%26nexturl=%2Fmain%2Flivelink%3Ffunc%3DI%26objId%3D14440676%26objAction%3Dbrowse%26viewType%3D1) may be currently allowed for processing. Refer to the process code for approved sources.Fuel Tank Coating | |
| 242E | Proc Bulletin G639 Fuel Tank Coating | Approved PCD MPP number 0004L Supp. 1 Rev. B |
| 244 | C-378-M Appl. of epoxy primer & polyurethane coating syste | MPPC378MC 5/24/2016 |
| 246 | G700Epoxy Primer/Polyurethane Top Coat | |
| 247 | G604Application of Finish for C130 Hardware | |
| 616 | C-0170Cleaning-Alkaline/Acid Metal Remova IMethods Only | Aluminum only. Approved PCD MPP C0170 Rev. Org. |
| 619 | STP57-301Aluminum Alloys-Alkaline/Acid Metal Remova Methods | Approved PCD MPP 57301 Rev. Org. APPROVED BY M and P KEN DANALS ON 9/15/09 (WF ID 33624558) |