SUPPLIER REQUIREMENTS

0000 THE SUPPLIER IS RESPONSIBLE FOR COMPLIANCE WITH ALL QUALITY AND TECHNICAL REQUIREMENTS IMPOSED BY ORBITAL ATK EVEN WHEN THE SUPPLIER SUBCONTRACTS PART OF THE WORK. THE SUPPLIER’S RESPONSIBILITIES WITH RESPECT TO SUBCONTRACTED WORK INCLUDE TRANSMISSION (FLOW DOWN) OF APPLICABLE QUALITY AND TECHNICAL REQUIREMENTS TO SUBTIER SUPPLIERS AND ASSURING TRACEABILITY OF ITEMS PROCESSED THROUGH SUBTIER SUPPLIERS.

0001 SUPPLIER FOR THIS ORDER MUST BE LISTED ON EITHER OF THE ORBITAL ATK NY OPERATIONS, ELKTON, OR ABL APPROVED SUPPLIER LISTS.

MATERIAL REQUIREMENTS

1000 MATERIAL TEST REPORTS REQUIRED, IN ACCORDANCE WITH REFERENCED SPECIFICATIONS. ORIGINAL MILL TEST REPORTS WITH ACTUAL CHEMICAL ANALYSIS AND MECHANICAL PROPERTIES REQUIRED, TRACEABLE BY HEAT/LOT NUMBER REQUIRED WITH SHIPMENT. HEAT/LOT NUMBER, MATERIAL TYPE AND TEMPER SHALL BE PHYSICALLY MARKED ON ALL MATERIALS.

1001 CERTIFICATE OF CONFORMANCE REQUIRED.

1001A CERTIFICATE OF COMPLIANCE REQUIRED.

1002 MECHANICAL TESTING REQUIRED. ACTUAL MECHANICAL PROPERTIES OF PURCHASED HEAT/LOT SHALL BE RECORDED ON TEST REPORT.

1003 PROVIDE TEST COUPON FROM PURCHASED HEAT/LOT FOR MECHANICAL TESTING TO BE PERFORMED BY ORBITAL ATK NY OPERATIONS.

1004 ACTUAL CHEMISTRY REQUIRED. ACTUAL CHEMICAL ANALYSIS OF PURCHASED HEAT/LOT SHALL BE RECORDED ON TEST REPORT.

1005 MATERIAL SAFETY DATA SHEETS (MSDS) REQUIRED.

1006 LIMITED LIFE PRODUCTS SHALL HAVE SHELF LIFE DATA PRINTED ON CONTAINER AND/OR THE CERTIFICATION.

HARDWARE REQUIREMENTS

2000 SUPPLIER CERTIFICATE OF COMPLIANCE REQUIRED.

2000A MANUFACTURER CERTIFICATE OF COMPLIANCE REQUIRED. LOT TRACEABILITY REQUIRED.

2001A MANUFACTURER’S TEST REPORTS, LOT TRACEABILITY AND CERTIFICATE OF COMPLIANCE REQUIRED.

2004 FASTENERS MUST BE OF U.S. MANUFACTURE. CERTIFIED MILL TEST REPORTS & CHEMICAL/PHYSICAL FASTENER CERTIFICATION REQUIRED WITH LOT TRACEABILITY.

2005 NO MIXED HEAT/LOTS PER LINE ITEM.

SPECIAL PROCESSING

3000 CERTIFICATE OF COMPLIANCE TO ALL DRAWING AND/OR PURCHASE ORDER REQUIREMENTS AND SPECIFICATIONS REQUIRED.

3001 HEAT TREAT CERTIFICATIONS AND FURNACE CHARTS REQUIRED. RECORD HARDNESS VALUE ON CERTIFICATION.

3002 WELDING PROCEDURE AND WELDER PERFORMANCE QUALIFICATIONS REQUIRED IN ACCORDANCE WITH REFERENCED SPECIFICATION.

3003 SUBMIT WELDING PROCEDURE AND WELDER PERFORMANCE QUALIFICATION DOCUMENTS PRIOR TO PERFORMANCE OF WELDING.

3004 SUBMIT WELDING PROCEDURE AND WELDER PERFORMANCE QUALIFICATION DOCUMENTS WITH FINAL SHIPMENT.

3005 WELDER QUALIFICATION REQUIRED IN ACCORDANCE WITH REFERENCED SPECIFICATION.

3006 SUBMIT WELDER QUALIFICATION DOCUMENTS PRIOR TO PERFORMANCE OF WELDING.

3007 SUBMIT WELDER QUALIFICATION DOCUMENTS WITH FINAL SHIPMENT.
3008 TYPICAL CHEMICAL CERTIFICATION IS REQUIRED FOR ALL WELD FILLER MATERIAL.

3009 ACTUAL CHEMICAL AND PHYSICAL CERTIFICATIONS REQUIRED FOR ALL WELD FILLER MATERIAL.

**NONDESTRUCTIVE EXAMINATION (NDE)/ DESTRUCTIVE TESTING**

4012 VISUAL INSPECTION OF WELDMENTS BY AWS CERTIFIED WELD INSPECTOR REQUIRED. SUBMIT AWS-CWI CERTIFICATION WITH SHIPMENT.

4016 NDE PERSONNEL QUALIFICATION DOCUMENTS REQUIRED WITH SHIPMENT.

4017 TEST REPORTS REQUIRED. ALL RELEVANT INDICATIONS SHALL BE NOTED AND MAPPED ON TEST REPORTS.

4018 TEST REPORTS REQUIRED WITH DETAILED CHEMICAL AND/OR PHYSICAL TEST RESULTS REPORTED IN ACCORDANCE WITH DRAWING AND/OR PURCHASE ORDER REQUIREMENTS.

**INSPECTION REQUIREMENTS**

5001 FINAL INSPECTION AND ACCEPTANCE BY ORBITAL ATK NY OPERATIONS QUALITY AND/OR THE CUSTOMER AT SUPPLIER’S FACILITY PRIOR TO SHIPMENT.

5002 SUPPLIER TO PROVIDE EVIDENCE OF INSPECTION AND ACCEPTANCE IN ACCORDANCE WITH PURCHASE ORDER REQUIREMENTS.

5003 100% DIMENSIONAL INSPECTION REQUIRED TO BE PERFORMED BY SUPPLIER.

5005 DIMENSIONAL INSPECTION OF MANDATORY INSPECTION POINTS (MIP’S) AS DEFINED ON DRAWING.

5006 FIRST ARTICLE INSPECTION BY SUPPLIER REQUIRED.

5007 FIRST ARTICLE INSPECTION BY ORBITAL ATK NY OPERATIONS AND/OR THE CUSTOMER REQUIRED.

5008 SUPPLIER MUST MAINTAIN AN ORBITAL ATK NY OPERATIONS-APPROVED QUALITY SYSTEM. QUALITY SYSTEM APPROVAL REQUIRED PRIOR TO PERFORMANCE OF WORK.

5009 SUPPLIER MUST MAINTAIN A QUALITY ASSURANCE SYSTEM COMPLIANT WITH ANSI/ASQC Q9001 (ISO 9001).

5013 INSPECTION REPORTS REQUIRED.

**GENERAL**

7000 THIS ORDER CONTAINS CRITICAL SPACE FLIGHT HARDWARE! HANDLE WITH EXTREME CARE!

7001 THIS ORDER CONTAINS FRACTURE CRITICAL SPACE FLIGHT HARDWARE. HANDLE WITH EXTREME CARE!

7002 THIS ORDER CONTAINS FRACTURE CRITICAL HARDWARE. ITEMS DENOTED WITH AN ASTERISK (*) ARE DEFINED AS “FRACTURE CRITICAL”.

7004 SUPPLIER SHALL MAINTAIN QUALITY ASSURANCE RELATED RECORDS AND RETAIN FOR A PERIOD OF NOT LESS THAN TEN (10) YEARS.

**CALIBRATION**

8000 CALIBRATE ENCLOSED ARTICLES IN ACCORDANCE WITH ANSI Z540.1 AND/OR ISO 10012-1, LATEST REV., TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST). CALIBRATION CERTIFICATES REQUIRED.

**PURCHASE ORDER DEFINED QARL**

9999 SPECIFIC QUALITY REQUIREMENTS DEFINED IN NOTES ON PURCHASE ORDERS.