

Aerospace First Article Inspection Requirement (AS9102)

**Upon invocation of this Century Fasteners Corp. Supplier flow down requirement, Supplier shall reference the Century Fastener Corp. Purchase Order as to which AS9102 revision (B) or (C) to apply as a required flow down.*

***A new FAI is not necessary if a MFG lot number/Part Number was supplied previously with FAI. If previous FAI was provided, Supplier must indicate previous FAI was provided on the Supplier CoC. In the event a previous FAI was provided, a new FAI must be provided and will be applicable for any of the following: design characteristics affecting fit, form, or function of the part; a change in manufacturing source(s), process(es), inspection method(s), location of manufacture, tooling, or materials that can potentially affect fit, form, or function; a change in numerical control program or translation to another media that can potentially affect fit, form, or function; a natural or man-made event, which may adversely affect the manufacturing process; An implementation of corrective action required to complete a previous FAI; A lapse in production for two years shall require an update for any characteristics that may be impacted by the inactivity. This lapse is from the completion of last production operation to the actual restart of production.*

A. The first item produced on this purchase order is subject to first article acceptance prior to further fabrication. If the first piece submitted fails to meet the inspection acceptance requirements, a new first piece shall be submitted for approval. This procedure shall be continued until an acceptable first article has been approved. First article acceptance shall be based on the requirements of the drawing, specification, and purchase order, as applicable. Any cost expended for production prior to acceptance of the first article is exclusive to the supplier. Acceptance of the first article shall not be considered a blanket acceptance of subsequent part production. The submission of a first article shall be accompanied by one legible and reproducible copy of all applicable data. SAE AS9102* FIRST ARTICLE INSPECTION REPORT (FAIR) is required prior to the first delivery of the product baseline configuration. FAI shall be performed in accordance with all the requirements defined in SAE AS9102*.

B. When documenting the FAI, the supplier may use the forms contained within AS9102* or their equivalent, so long as the forms contain all the information required by AS9102. Century Fasteners Quality Assurance will either review FAI activity, subsequent to the accepted baseline FAI, or the FAI report will be sent to Century Fasteners for review. Century Fasteners Quality reserves the right to perform some or all aspects of the FAI activities at the supplier's or Century Fasteners facility. Century Fasteners assumes no responsibility for material delivered prior to first article approval. First Article Inspection shall be required in the event: change in the design characteristics affecting fit, form, or

function of the part; a change in manufacturing source(s), process(es), inspection method(s), location of manufacture, tooling, or materials that can potentially affect fit, form, or function; a change in numerical control program or translation to another media that can potentially affect fit, form, or function; a natural or man-made event, which may adversely affect the manufacturing process; An implementation of corrective action required to complete a previous FAI; A lapse in production for two years shall require an update for any characteristics that may be impacted by the inactivity. This lapse is from the completion of last production operation to the actual restart of production.

C. Supplier shall furnish a first article inspection report in AS9102* format with product. Supplier shall reference the Purchase Order as to which AS9102 revision (B) or (C) to apply.

Documents shall include ;

- 1). A bubbled drawing with 100% of characteristics bubbled;
- 2). All AS9102* forms completed;
- 3). A minimum of 3 pieces fully inspected and data recorded on all dimensions and notes;
- 4). Test reports for all non-dimensional characteristics noted in all drawings and specifications for a minimum of 3 pieces;
- 5). Accept/reject indications for all dimensions and tests.

Included information, as applicable shall be;

- 1). Lot numbers;
- 2). part numbers;
- 3). Heat numbers;
- 4). Dates,
- 5). Specification or drawing numbers;
- 6). Revision numbers
- 7). The test method identification;
- 8). Pass/fail indication associated with all tests and inspections.