

SOURCE QUALIFICATION STATEMENT
(FL 98-525, Section 2319)

SECTION A. ITEM IDENTIFICATION

1. STOCK NUMBER (NSN): 6685-00-442-2195
2. PART NUMBER (P/N): 68J488003-113
3. NOUN: Gage Assy- Pressure Indicating
4. APPLICATION: F-15E

SECTION B

JUSTIFICATION FOR ESTABLISHING QUALIFICATION REQUIREMENTS AND REASON WHY QUALIFICATION REQUIREMENTS MUST BE DEMONSTRATED PRIOR TO CONTRACT AWARD

1. Drawing 68J488003-113 is a specification control type or source control drawing (SCD). Its intended function was to assist USAF engineering management to qualify a nonstandard product for use on a specific aircraft landing gear system. This SCD appears to have sufficient data to provide our required management control of the product qualification process, but does not contain all the detail data necessary to control the reproduction of qualified products. When the detail data that controls the reproduction of the qualified product is proprietary or otherwise unavailable to the government, this SQS and the USAF SCD will provide a potential product vendor the opportunity to attempt to qualify a product that will provide the same on aircraft function as the original qualified product and can compete with other functionally related qualified products for future government production contracts.
2. Execution of the product qualification requirements specified herein are necessary to develop, verify, and approve a complete set of engineering data that will define the fit, form, functional, structural, and durability requirements of the product. The results of successful compliance will yield a qualified product, qualified source combination. The qualified product consists of the approved set of detail engineering data that defines the product and will produce repetitive quality if used for production and the qualified source will be the vendor that successfully qualifies the product.
3. Failure to procure this item from a fully qualified source could result in failure of the part, degradation of aircraft mission capability, or loss of aircraft and crew.
4. Successful completion of these product qualification control requirements will assure the government the availability of one or more functionally related qualified products with their associated engineering data sets for use in future contract negotiations. This will reduce the risk of schedule and economic deviation with our contracts. There are significant technical and schedule risks, which can only be minimized by completion of product qualification prior to negotiated production contract award.

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SECTION C

QUALIFICATION REQUIREMENTS. REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE

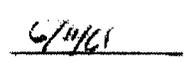
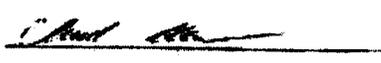
1. The offerer will complete the orderly development of his competing product to assure that it meets all of the specified requirements. He will also produce a detail data set, which defines the product, and all the manufacturing techniques, processes, and procedures needed to assure that required repetitive quality can be expected.
2. Product development will be accomplished as specified by the SCD to include all referenced data. The SCD provides minimum design requirements to be met. All SCD data requirements must be met unless other wise noted here in.
3. The government's cognizant engineering activity (OO-ALC/LILE) is the approval agency. If the offerer wishes to qualify a previously unqualified part, he must first submit in writing this intention to the cognizant engineering activity (CEA). The offerer must then enter into a written agreement with the CEA (OO-ALC/LILE) outlining the specific testing requirements and procedures to be followed during the qualification testing. The testing to be performed is given on the SCD. Any testing performed without prior written agreement between the CEA and the offerer shall not be considered valid. All written submissions should be directed to the appropriate contracting official; who in turn will forward them to the CEA. When all specified standards have been met, the offerer will assemble certified documentation demonstrating full compliance. The certification package, detail data set and production articles will be submitted for final review and approval.
4. The qualification package, detail data set, and product qualification articles once submitted, will become the property of the government whether found acceptable or not.
5. Form verification: The applicable article qualification testing will be performed in USAF facilities, or contracted to an independent vendor. This shall be determined and agreed upon by both parties prior to testing.
6. The offerer will be responsible for all testing costs. Test cost details will be agreed to in writing prior to the start of testing. The estimated cost of government testing and evaluation is \$50000

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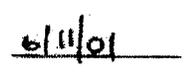
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SECTION D. SIGNATURE BLOCK



Chad C. Hogan
LILE Weapon System Engineer

Date 06/11/01



Clint Forrest
LILE Light-Weight Engineering Lead

Date 06/11/01