

AMC/AMSC SCREENING ANALYSIS WORKSHEET

PRIORITY CATEGORY

POTENTIAL REQUIREMENT IDENT. DATE

* HISTORY *

PAGE 1 OF 3

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31MAR04

SECTION A ITEM IDENTIFICATION AND INFORMATION

1. NSN 1620010569671	2. NOUN SUPPORT, ORIFICE, SHO	3. END ITEM F-16	4. PCC	5. ERRC N
6. INI 30MAY04	7. QTY 367	8. UNIT COST \$25.45	9. IDENTIFYING NUMBER (PART NO.) R/N: 2006112-1	CAGE: 013002 REV:
10. BP/SMC/MPC/FY 9 / / / 4	11. PR YRS 10	12. EST ANNUAL BUY VALUE \$9,340.15	13. PR/MIPR VALUE \$9,340.15	
14. COMM OFF-THE-SHELF ITEM (Y/N/U): U	15. FORM 1 TYPE ITEM (Y/N/U): U	16. NUC. CERT. END ITEM (Y/N/U): U	17. HARD CRIT. IND (Y/N/U): U	

NEXT HIGHER ASSEMBLY

18. NSN:	19. NOUN:	20. R/N:	21. CAGE:
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SECTION B SUMMARY OF SCREENING ACTION

1. STAT C	2. DIV A	3. CTIC	4. ACQUISITION IDENTIFYING NUMBER R/N: 2006112-1	5. REV	6. CQR/I&A 0
7A. DESIGN DIS: Y	7B. SPEC CNTRL: N	7C. SRC CNTRL: N	7D. MIL/IND/CONTR PERF SPEC: N		
8. ST/STE REQ (Y/N/U): N	9. ST/STE AVAIL (Y/N/U): N	10. DATA COMPLETE (Y/N/U): Y	11. LIMITED RIGHTS (Y/N/U): N	12. AAC D	
13. AMC/AMSC 1C	14. DCC C1	15. EXP DT 0607	16. PRV AMC/S/DT 1G / 1091	17. NBR DRWGS REVD 0	
18. AMC COMPLETION DT: 14JUN04			19. MM RECMD AMC/AMSC:		
	IM	EQ/SP	CR TECH	CR ENGR	MM ENGR
20. DATE BEGAN	31MAR04	31MAR04	20APR04		20APR04
21. DATE COMPLETED	31MAR04	31MAR04	14JUN04		14JUN04
22. CODE/PHONE NR NAME	DDZ / 77777 DLA IM	DZ / 77777 DLA ES	SDH / 74735 HUNT, DENIS	/	EKS / 56062 SPOMER, KEN
23. ORGANIZATION	DLAIM	DLAES	LGMPM		LGHEL

SECTION C ECONOMIC EVALUATION

EST SAVING/LOSS OVER FUTURE PROG	A. SAV FACTOR %	B. \$ COST OF BREAKOUT
(ABV x A x PROG YRS) - B = \$0.00	0	\$0.00

SECTION D PROCUREMENT SUPPORT REQUIRED

1. FIRST ARTICLE TEST (Y/N): Y	2. TECHNICAL DATA PACKAGE (Y/N): Y	
3. EXPORT CONTROL (Y/N): Y	4. PRODUCTION SAMPLE REQ (Y/N): N	
5. MLO/ARTWORK (M/S/B/N): N	6. SAMPLE FURN (Y/N): N	7. ENGR NOTES (Y/N): Y
8. PR RETURN REASON CODE:	9. PR NUMBER:	

SECTION E APPROVED SOURCES

DESIGN ACTIVITY INFORMATION			SUPPLIER INFORMATION		
CAGE	REFERENCE NUMBER	RNC	CAGE	CONTRACTOR'S NAME	TYPE
013002	2006112-1	32	0H1632	SP AEROSPACE AND VEHICLE SYS B.V.	V
013002	2006112-1	32	013002	GOODRICH	D
013002	2006112-1	32	017576	COLTEC IND (TRACKING ONLY)	N
013002	2006112-1	32	031788	YEAGER MFG CO ANAHEIM CA	V
013002	2006112-1	32	036164	HEROUX INC LONQUEIL QUE CAN	V

AMC/AMSC SCREENING ANALYSIS WORKSHEET

* HISTORY *

(CONTINUING SHEET)

PAGE 3 OF 3

NSN : 1620010569671	AMC/AMSC : 1C	IM DATE BEGAN : 31MAR04
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SECTION F SCREENING EVALUATION/REMARKS

1. JUSTIFICATION FOR SUFFIX CODE OTHER THAN G :

1. THIS ITEM IS A ORIFICE SUPPORT WHICH IS PART OF THE MLG SHOCK STRUT ASSY ON THE F-16 AIRCRAFT.
2. THIS IS A CRITICAL APPLICATION LANDING GEAR COMPONENT. THE STRUCTURAL AND FUNCTIONAL INTEGRITY OF THIS ITEM CAN BE AFFECTED BY INDIVIDUAL MANUFACTURERS PROCESSES AND TECHNIQUES.
3. TO ENSURE CONTINUED PRODUCT INTEGRITY OF THE ITEM, PROCUREMENT IS RESTRICTED TO SOURCES LISTED IN SECTION E OF THIS DOCUMENT. THESE SOURCES ARE KNOWN TO HAVE THE REQUIRED EXPERIENCE AND CAPABILITY. FAILURE OF THIS ITEM COULD RESULT IN LOSS OF AIRCRAFT AND CREW PERSONNEL.

2. ACTION TAKEN/BEING TAKEN TO IMPROVE COMPETITIVE STATUS :

4. THEREFORE, NEW SOURCES MUST BE APPROVED BY LGHEL/SYSTEM ENGINEER PRIOR TO CONTRACT AWARD.

3. REMARKS :

QUALIFICATION REQUIREMENTS AVAILABLE CODE D.

SECTION G MISCELLANEOUS INFORMATION

1. PROCUREMENT HISTORY (LAST 5 BUYS) :

STD PRICE

\$25.45

AWARD DATE	CLIN QTY	UNIT PRICE	SUPPLIERS CAGE	AMC/AMSC	AMOC	NO SOL	BIDS RCV
01OCT90	246	\$20.09	06T111	1G	1	W	9

2. VALUE ANALYSIS DATA

ECON PROD QTY	PROJ BUY QTY	ANLYS DATE	DIR LAB HOURS	DIR MAT COSTS	IND COST & PROFIT	TARGET PRICE	SRC REV
0	137	20NOV86	0.00	\$0.00	\$0.00	\$20.77	081

REMARKS :

3. POTENTIAL SOURCES

DESIGN ACTIVITY INFORMATION				SUPPLIER INFORMATION		
CAGE	REFERENCE NUMBER	RNC	CAGE	CONTRACTOR'S NAME	Orig/Eval	

REV:	ENGINEERING DATA REQUIREMENTS (ATTACHMENT "A")
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NOTE: MILITARY SPECIFICATIONS /STANDARDS WILL NOT BE FURNISHED IN THE BID SET.

1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF
 SUPPORT, ORIFICE - SHOCK STRUT, MLG

2. PART NUMBER 2006112-1	3. NATIONAL STOCK NUMBER 1620-01-056-9671
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4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED.

5. MATERIAL: SAE AMS 6414 CLASS 1, COND E1, 4300 STEEL PER AMS 2300.
6. PERFORM MAGNETIC PARTICLE INSPECTION PER ASTM E 1444 IN LIEU OF MIL-I-6868. USE FULL WAVE DIRECT CURRENT (FWDC), WET CONTINUOUS METHOD, FLUORESCENT TYPE WITH THE FOLLOWING ACCEPTANCE/REJECTION CRITERIA: NO DEFECTS ALLOWED. THE INTENT OF THE NO DEFECTS ALLOWED IS THAT THE INSPECTION IS CONDUCTED AT THE REQUIRED SENSITIVITY LEVEL AND THERE SHALL BE NO INDICATIONS ALLOWED. THE INSPECTOR PERFORMING THE INSPECTION SHALL BE CERTIFIED TO LEVEL II WITH THE INSPECTION PROCEDURE DEVELOPED BY A LEVEL III AS SPECIFIED IN AIA/NAS NAS-410.
7. DIMENSIONING AND TOLERANCING PER ASME Y14.5 IN LIEU OF ANSI Y14.5-1973.
8. SERIAL NUMBER SHALL BE VIBROPEENED (WITH VIBRATING PNEUMATIC PENCIL) IN 0.09" LETTERS 0.004"-0.007" DEEP IN THE LOCATION INDICATED. IF THE DRAWING DOES NOT INDICATE A LOCATION OO-ALC/LGHHEL SHALL PROVIDE S/N LOCATION INSTRUCTIONS. SERIALIZATION OF ITEM SHALL BE ACCOMPLISHED AS FOLLOWS: THE SERIALIZATION SHALL BEGIN WITH THE CAGE (FSCM) OF THE CONTRACTOR NAMED ON THE CONTRACT, FOLLOWED BY A DASH AND THE 2 DIGIT YEAR OF MANUFACTURE, FOLLOWED BY A DASH AND A SEQUENTIALLY UNIQUE 3 DIGIT NUMBER. A CONTRACTOR WHO RECEIVES NUMEROUS INTERMITTENT CONTRACTS SHALL START SERIALIZATION OF ITEM WITH THE NEXT NUMBER IN SEQUENCE OF THE PRIOR CONTRACT. IF A CONTRACT PRODUCES MORE THAN 999 ITEMS, THE SERIAL NUMBER SHOULD APPEAR LIKE THIS: "S/N 98747-00-001".
9. IDENTIFICATION AND MARKING PER MIL-STD-130 IN LIEU OF TM1040.
10. SURFACE TEXTURE PER ASME B46.1 IN LIEU OF ASA B46.1-1962.
11. CORROSION PROTECTION PER MIL-C-16173, GRADE 1 OR MIL-C-11796, CLASS 1 OR 2 IN LIEU OF MM5752.
12. OO-ALC/LGHHEL SYSTEM ENGINEERING RETAINS ALL RIGHTS TO REVIEW AND ACCEPT MATERIAL REVIEW BOARD'S (MRB) DISPOSITIONS PRIOR TO SHIPMENT OF DISCREPANT ITEM. ALL DEVIATIONS, MINOR AND MAJOR, FROM THE ENGINEERING DRAWING PACKAGE SHALL BE SUBMITTED FOR MRB DISPOSITION.
13. PRIOR TO CONTRACT AWARD, THE CONTRACTOR SHALL CERTIFY TO THE GOVERNMENT IN WRITING FULL COMPLIANCE WITH MANUALS, SPECIFICATIONS AND STANDARDS CALLED OUT AND REQUIRED FOR THE MANUFACTURE OF THIS CONTRACTED LANDING GEAR COMPONENT/ASSEMBLY. CONTRACTOR IS RESPONSIBLE TO COMPLETELY SEARCH THESE MANUALS, SPECIFICATIONS AND STANDARDS AND FULLY UNDERSTAND THE REQUIREMENTS NECESSARY TO MANUFACTURE LANDING GEAR COMPONENTS. ANY QUESTIONS CAN BE FORWARDED TO OO-ALC/LGHHEL.

PREPARED BY DENISE HUNT	SYMBOL LGMPM	DATE 20040614
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FIRST ARTICLE REQUIREMENTS

(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)

1. DATE
7 JUNE 04

2. P/R/MIPR NUMBER _____ 3. PART NUMBER
2006112-1 4. NSN
1620-01-056-9621

5. FIRST ARTICLE QUANTITY
THE FIRST ARTICLE IS _____ UNIT(S) OF LOT/ITEM _____
AND WILL BE: PART OF PRODUCTION QUANTITY IN ADDITION TO PRODUCTION QUANTITY

6. ARTICLES WILL WILL NOT SERVE AS A MANUFACTURING STANDARD
7. LONG LEAD TIME ITEMS REQUIRED NOT REQUIRED
(See FAR 52.209-3 or -4, alternate II)

8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES (See FAR 52.209-3 or -4 Alternate I)
 REQUIRED NOT REQUIRED
"The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."

9. TEST/INSPECTION REQUIREMENTS
A. CONTRACTOR TESTING GOVERNMENT TESTING
Performance or other characteristics which the First Articles must meet are Conformance with all drawings and specifications in the contract
B. The detailed technical requirements for First Article approval tests are contained in all drawings and specifications in the contract
(Cite Spec and Para number)
C. TEST PLAN REQUIRED
(1) DD Form 1423 ELIN _____
(2) Delivery due _____ calendar days from date of contract.
(3) Number of days for government approval/disapproval _____ days.
D. Contractor's notification to ACO and _____ (Requesting Activity)
of test time and location due _____ days prior to start of testing.
E. TEST REPORT REQUIRED
(1) DD Form 1423 ELIN _____
(2) Due _____ calendar days from date of contract.
(3) Forwarded to _____
(4) Government written notice of approval/disapproval due _____ days after receipt of contractor's report.

F. FIRST ARTICLE DELIVERY:
(1) Due within 90 calendar days from date contract.
(2) Notify 15 calendar days prior to shipment.
(3) Delivered to government at OO-ALC/MADLV, ATTN: Non Acct Bay Bldg 849, Hill AFB UT 84056
(4) Government written notice of approval/disapproval within 120 days after receipt of first article package.
G. Estimated cost of government testing/inspection evaluation.
\$ 2000

10. DISPOSITION OF FIRST ARTICLES
 Approved First Articles will be forwarded to Supply
 _____ (insert quantity). First Articles will be expended in testing. Residual components of disapproved First Articles will be returned to the contractor/ will be retained by _____ pending disposition instructions from the contractor.
 First Articles will be installed on aircraft/equipment to determine proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity.
 Disapproved First Articles will be returned to the contractor/ will be retained by OO-ALC/MADLV pending disposition instructions from the contractor
 On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)).
a. Approved First Articles will be returned to the contractor for shipment with production item.
b. Disposition of disapproved First Articles will remain the same as marked above.
 Other Disposition: _____

2. P/R/MIPR NUMBER

3. PART NUMBER

2006 112-1

4. NSN

1620-01-056-9671

11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL

- a. Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the _____ Government, _____ DoD, Air Force.
- b. Offerors currently in production of the same or similar article for a _____ Government, _____ DoD, Air Force contract and who have received First Article approval under the existing contract.
- c. Offerors who have previously furnished production quantities of the same or similar articles to the _____ Government, _____ DoD, Air Force, provided articles thus furnished, have exhibited satisfactory performance in service in the opinion of the Air Force.
- d. Provided not more than _____ months have elapsed since completion of the contract.
- e. First Article testing will not be waived.
- f. See Remarks in block 12 below.

NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (That is, both with and without requirement for first article approval) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

A. PROCURING OFFICE B. CONTRACT NUMBER C. DATE OF CONTRACT D. SPECIFICATION NUMBER AND REVISION

12. REMARKS

The manufacture of this item requires techniques, processes, tooling, or finish(es) of such a nature that only by First Article testing and evaluation can assurance be obtained that a contractor has the capability of producing the item in accordance with the instructions and data supplied or specified.

Vendor will only be allowed one attempt to receive a full or conditional approval. Failure to receive approval of First Article inspection will result in termination of the contract, and subsequent removal of the vendor as an approved source (if the item is AMSC coded C).

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone)

Kent Spomer CGHEC 5-6059

14. PR INITIATOR (Name, Organization, Phone)

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

SECTION A. ITEM IDENTIFICATION

1. STOCK NUMBER (NSN): 1620-01-056-9671
2. PART NUMBER (P/N): 2006112-1
3. NOUN: Support, Orifice - Shock Strut, MLG
4. APPLICATION: F-16

SECTION B

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

1. Characteristics associated with the manufacturing and processing of this component could result in product functional degradations. This item performs a critical function on the aircraft and special equipment is required for its manufacture and testing. Close tolerance machining is required. Special care and attention is required but not limited to surface finish, processing, and assembly of this item. This item is particularly susceptible to process induced manufacturing flaws; therefore care must be taken to insure a potential vendor's capability prior to contract award.
2. The bidder's ability to interpret Engineering drawings and specifications and the execution of the qualification requirements specified herein are necessary to verify the structural and/or functional integrity and/or fit and form of the item being procured.
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. Completion of the specified pre-contract award qualification requirements will assure the government that the offerer is capable of producing the item in compliance with the applicable technical specification/data and within the schedule and economic constraints of our contracts. There are sufficient technical and schedule risks, which can only be minimized by a completion of the requirements prior to contract award.

SOURCE QUALIFICATION REQUIREMENTS
(PL 98-525, SECTION 2319)

STOCK NR (NSN) 1620-01-056-9671
NOUN: Support, Orifice - Shock Strut, MLG

PART NUMBER (P/N) 2006112-1
AIRCRAFT: F-16

SECTION C

QUALIFICATION REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE

1. Because of the need for uninterrupted item support to military aircraft systems and in keeping with the requirements of PL 98-525, the current acquisition need not and generally will not be delayed to provide an offerer an opportunity to qualify. Normal acquisition practices at OO-ALC should preclude the denial of opportunity to any interested offerer.
2. The offerer must provide a pre-contract award qualification article, which meets the requirements of the engineering drawings, material specifications, and process specifications. However, successful completion of the qualification testing does not guarantee any contract award. If the offeror is deemed qualified and awarded the contract, a post-contract award first article exhibit may be required to verify production capability.
3. The required materials will be procured from a qualified source and will meet the requirements of their respective specifications. The offerer will assure that the material supplier has accomplished this and will submit certified documentation of accomplishment of the above requirements to the purchaser along with the pre-contract award qualification article.
4. The qualification article shall demonstrate full compatibility and comparability with existing parts, and once submitted, will be subjected to such testing as deemed necessary by the government, to insure the article meets all dimensional, processing, and functional requirements. Such testing may result in the destruction of the article. Following completion of necessary testing and evaluation, the article, no matter what its condition, shall be returned to the contractor or disposed of at his discretion and direction, whether it was found acceptable or not.
5. Form verification: The Government's Quality Verification Center will verify compliance with dimensional data requirements. Material and process compliance will also be verified as required.
6. Fit/function verification: Existing components and Government test stands/fixtures will be utilized to verify physical interface and functional performance of articles.
7. Testing for material and process compliance
 - (a) Material analysis
 - (b) Heat treat
 - (c) Grinding
 - (d) Plating
 - (e) Finish
 - (f) Other
8. Remarks:
 - a. Organic verification capabilities exist at OO-ALC.
 - b. Test requirements outside organic capabilities will be contracted out to independent laboratories.
9. The estimated cost of government testing and evaluation is \$2000.00
10. Maximum time for testing of the qualification article will not exceed 30 days from receipt at testing agency.

SOURCE QUALIFICATION REQUIREMENTS
(PL 98-525, SECTION 2319)

STOCK NR (NSN)1620-01-056-9671
NOUN: Support. Orifice - Shock Strut. MLG

PART NUMBER (P/N)2006112-1
AIRCRAFT:F-16

SECTION D

QUALIFICATION WAIVER REQUIREMENTS.

1. An offerer who has had previous experience in the manufacture and qualification of items, which can be correlated with this product, may apply to the design control authority at OO-ALC for a waiver of the above stated qualification requirements.

a. The qualification waiver criteria utilized by the design control authority to perform a qualification analysis are available upon request. The qualification waiver criteria may be used as a guide in preparing the offerer's written input to the design control authority.

b. The burden of proof for written inputs is on the offerer. The design control authority will not pursue authenticity verification of claims made by the offerer of product manufacturing experience with other Government or non-Government agencies. Unsubstantiated claims will not be considered in the waiver analysis process.

c. This waiver will be granted if and only if the design control authority (LILE) can establish the qualifications of the offerer through the evaluation of written inputs from the offerer or from previous knowledge of the offerer's capabilities or from previous experience with the offerer on similar item acquisitions. If there is any doubt about the offerer's capability, the offerer will be required to submit a pre-qualification article. There is no guarantee of qualification by similarity. LILE reserves the right to require a pre-qualification article of all offerers.

2. The current acquisition need not and will not be delayed in order to provide an offerer with an opportunity to meet the requirements for qualification waiver.

3. Maximum time for approval of qualification by similarity will not exceed 15 days.

SOURCE QUALIFICATION REQUIREMENTS
(PL98-525, SECTION 2319)

STOCK NR (NSN)1620-01-056-9671
NOUN Support, Orifice - Shock Strut, MLG
APPLICATION F-16

PART NUMBER (P/N)2006112-1

SECTION E

MASTER SIGNATURE BLOCK:


OO-ALC/LGHLEEN Engineer


Date


OO-ALC/LGHLEEN Lead Engineer


Date

The Master SQS has been coordinated by CR, BC, and SBA and approved by LIK on 4 April 01. The Master SQS coordination copies are kept on file in LGHLE (Reference: SP 01-105)