

AMC/AMSC SCREENING ANALYSIS WORKSHEET

PRIORITY CATEGORY

POTENTIAL REQUIREMENT IDENT. DATE

* HISTORY *

PAGE 1 OF 2

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03JUN03

SECTION A ITEM IDENTIFICATION AND INFORMATION

1. NSN 1630011905993	2. NOUN BRACKET, ANTI-ROTATION	3. END ITEM B1-B	4. PCC	5. BRRC N
6. INI 02AUG03	7. QTY 1	8. UNIT COST \$2,467.26	9. IDENTIFYING NUMBER (PART NO.) R/N: 1881-165 CAGE: 013002 REV:	
10. BP/SMC/MPC/FY 1 / / / 3	11. PR YRS 10	12. EST ANNUAL BUY VALUE \$2,467.26	13. PR/MIPR VALUE \$2,467.26	
14. COMM OFF-THE-SHELF ITEM (Y/N/U): N	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:	

SECTION B SUMMARY OF SCREENING ACTION

1. STAT C	2. DIV A	3. CTIC	4. ACQUISITION IDENTIFYING NUMBER R/N: 1881-165 CAGE: 013002		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 2C	14. DCC C1	15. EXP DT 1006	16. PRV AMC/S/DT 4H / 1087	17. NBR DRWGS REVD 0		
18. AMC COMPLETION DT: 08OCT03		19. MM RECMD AMC/AMSC: 2C				
20. DATE BEGAN	IM 03JUN03	EQ/SP 03JUN03	CR TECH 03JUN03	CR ENGR	MM ENGR 13JUN03	
21. DATE COMPLETED	03JUN03	03JUN03	08OCT03	29SEP03		
22. CODE/PHONE NR NAME	DDZ / 77777 DLA IM	CY / 63054 ONSTEAD, R	SCH / 75475 HYER C	/	E7S / 75769 YOUNG, ROBE	
23. ORGANIZATION	DLAIM	LGHLES	LGMPM	LGHEL		

SECTION C ECONOMIC EVALUATION

EST SAVING/LOSS OVER FUTURE PROG (ABV x A x PROG YRS) - B =	A. SAV FACTOR %	B. \$ COST OF BREAKOUT
\$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	1881-165	32	013002	GOODRICH	D

AMC/AMSC SCREENING ANALYSIS WORKSHEET

* HISTORY *

(CONTINUING SHEET)

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NSN : 1630011905993

AMC/AMSC : 2C

IM DATE BEGAN : 03JUN03

SECTION F SCREENING EVALUATION/REMARKS

1. JUSTIFICATION FOR SUFFIX CODE OTHER THAN G :

1. THIS ITEM IS A SIDE BRACE BRACKET ASSY, ANTI-ROT SPDL USED ON THE B1B MAIN LANDING GEAR. 2. THIS ASSY IS A CRITICAL APPLICATION LANDING GEAR COMPONENT. THE STRUCTURAL AND FUNCTIONAL INTEGRITY OF THIS ASSY 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 LGHLEN/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

\$2,467.26

AWARD DATE	CLIN QTY	UNIT PRICE	SUPPLIERS CAGE	AMC/AMSC	AMSC	NO SOL	BIDS RCV

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
200	100	18DEC86	1.05	\$12.01	\$110.10	\$147.08	042

REMARKS :

CR EVAL COMP

3. POTENTIAL SOURCES

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

REV		ENGINEERING DATA REQUIREMENTS (ATTACHMENT "A")	
NOTE: MILITARY SPECIFICATIONS/STANDARDS WILL NOT BE FURNISHED IN THE BID SET.			
1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF BRACKET ASSY, ANTI - ROT, SPDL ATT - SIDE BRACE - MAIN LANDING GEAR			
2. PART NUMBER 1881-165		3. NATIONAL STOCK NUMBER 1630-01-190-5993	
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. OO-ALC/LGHLEN SYSTEM ENGINEERING RETAINS ALL RIGHTS TO REVIEW AND ACCEPT/REJECT MRB'S PRIOR TO SHIPMENT OF DISCREPANT ITEMS. ALL DEVIATIONS, MINOR OR MAJOR, FROM THE ENGINEERING DRAWING PACKAGE WILL BE SUBMITTED FOR MRB DISPOSITION.			
6. PRIOR TO CONTRACT AWARD, THE CONTRACTOR WILL 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 THIS OFFICE OO-ALC/LGHLEN.			
7. AFTER CONTRACT AWARD THE SUCCESSFUL BIDDER SHALL PROVIDE A COPY OF THE PROCESSING DOCUMENTATION (ROUTING DOCUMENTS AND PROCESS SPECIFICATIONS) TO LGHLEN FOR FINAL REVIEW BEFORE PRODUCTION BEGINS.			
8. MATERIAL: ALUMINUM ALLOY 6061-0 PER SAE AMS-QQ-A-250/11 IN LIEU OF QQ-A-250/11.			
9. DIMENSIONING AND TOLERANCING PER ASME Y14.5 IN LIEU OF ANSI Y14.5.			
10. HEAT TREAT PER SAE AMS-H-6088.			
11. IDENTIFICATION AND MARKING PER MIL-STD-130 IN LIEU OF CPC 9201.			
12. PERFORM FLUORESCENT PENETRANT INSPECTION PER ASTM E 1417, TYPE I, METHOD B OR C, LEVEL 3 OR 4 IN LIEU OF MIL-I-6866 WITH THE FOLLOWING ACCEPTANCE/REJECTION CRITERIA: NO DEFECTS ALLOWED. THE INTENT OF 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-410.			
13. PAINT REQUIREMENTS AS NOTED:			
A. APPLY ONE COAT OF EPOXY WATERBORNE PRIMER PER MIL-PRF-85582, TYPE I, CLASS 2. ALTERNATE PRIMER, ONE COAT EPOXY POLYAMIDE PER MIL-PRF-23377, TYPE I.			
B. APPLY TWO TOP COATS POLYURETHANE PER MIL-PRF-85285, TYPE I, IN LIEU OF MIL-C-83286, COLOR #17925 (WHITE) PER FED-STD-595 IN LIEU OF COLOR #17875.			
14. GAS TUNGSTEN ARC WELD PER AMS 2685D CLASS A IN LIEU OF C.P. 5204.			
15. CORROSION CONTROL ENTIRE PART PER MIL-C-16173 IN LIEU OF CP SPEC 8405.			
16. R.I. DESIGN SPECIFICATION L287C2001, 2036 AND MIL-I-8500 ARE NOT REQUIRED TO MANUFACTURE THIS ITEM.			
PREPARED BY CAROL HYER		SYMBOL LGMPM	DATE 8 Oct 03

FIRST ARTICLE REQUIREMENTS <i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>			1. DATE 9-29-03
2. P/R/MIPR NUMBER	3. PART NUMBER 1881-165	4. NSN 1630-01-190-5993	
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS _____ UNIT(S) OF LOT/ITEM _____ AND WILL BE: <input type="checkbox"/> PART OF PRODUCTION QUANTITY <input checked="" type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY			
6. ARTICLES <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD		7. LONG LEAD TIME ITEMS <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED <i>(See FAR 52.209-3 or -4, alternate II)</i>	
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <i>(See FAR 52.209-3 or -4 Alternate I)</i> <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> 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. <input type="checkbox"/> CONTRACTOR TESTING <input checked="" type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet are <u>Conformance with all drawings and specifications in the contract.</u> B. The detailed technical requirements for First Article approval tests are contained in _____ <i>(Cite Spec and Para number)</i> C. <input type="checkbox"/> 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 _____ <i>(Requesting Activity)</i> of test time and location due _____ days prior to start of testing. E. <input type="checkbox"/> 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 _____ calendar days from date contract. (2) Notify <u>15</u> calendar days prior to shipment. (3) Delivered to government at <u>ATTN: Non Acct Bay, Transportation Officer</u> <u>Bldg 849, Hill AFB, UT 84056-5731</u> (4) Government written notice of approval/disapproval within <u>90</u> days after receipt of first article package. G. Estimated cost of government testing/inspection evaluation. \$ <u>2,000</u>	
10. DISPOSITION OF FIRST ARTICLES <input checked="" type="checkbox"/> Approved First Articles will be forwarded to Supply <input type="checkbox"/> _____ <i>(insert quantity)</i> First Articles will be expended in testing. Residual components of disapproved First Articles <input type="checkbox"/> will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor. <input type="checkbox"/> 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. <input type="checkbox"/> Disapproved First Articles will be returned to the contractor/ <input checked="" type="checkbox"/> will be retained by MADLV pending disposition instructions from the contractor <input type="checkbox"/> 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. <input type="checkbox"/> Other Disposition: _____			

2. P/R/MIPR NUMBER	3. PART NUMBER 1881-165	4. NSN 1630-01-190-5993
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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 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 36 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 required 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 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)

Robert Young OO-ALC/LGHLEN (801)586-0717

14. PR INITIATOR (Name, Organization, Phone)

Robert Young

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

SECTION A. ITEM IDENTIFICATION

1. STOCK NUMBER (NSN): 1630-01-190-5993
2. PART NUMBER (P/N): 1881-165
3. NOUN: Bracket Anti-Rotation
4. APPLICATION: B-1B

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) 1630-01-190-5993
NOUN: Bracket Anti-Rotation

PART NUMBER (P/N) 1881-165
AIRCRAFT: B-1B

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
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)1630-01-190-5993
NOUN: Bracket Anti-Rotation

PART NUMBER (P/N)1881-165
AIRCRAFT: B-1B

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.

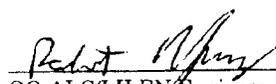
SOURCE QUALIFICATION REQUIREMENTS
(PL98-525, SECTION 2319)

STOCK NR (NSN) 1630-01-190-5993
NOUN Bracket Anti-Rotation

PART NUMBER (P/N) 1881-165
AIRCRAFT B-1B

SECTION E

MASTER SIGNATURE BLOCK:



OO-ALC/LILEN Engineer

9-29-03
Date



OO-ALC/LILEN Lead Engineer

203 10 05
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 LILE (Reference: SP 01-105)