

REQUEST FOR ENGINEERING INFORMATION (REI)

1. ORIGINATOR NAME/PHONE NO. VIC POLTRICK DSN 695-5945	2. ORG/CODE	3. CONTRACT OR SCHEDULE NUMBER	4. REI NUMBER 01-12676
5. NSN/PART NOMENCLATURE 3120-01-081-7285	6. DWG./PART NO. AFFECTED 501569-7	7. MODEL/END ITEM	8. REQUEST DATE 08/10/01
9. SUPERVISOR	10. INSPECTOR	11. REFERENCE DOCUMENT DSCR-06-01-24163	PAGE 1 OF 8

DESCRIPTION OF PROBLEM

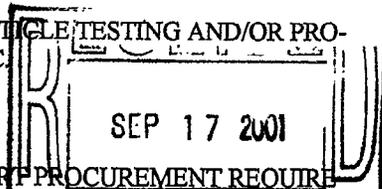
12. PROCURING ACTIVITY HAS REQUESTED REVIEW OF COMPLETE TECHNICAL DATA PACKAGE FOR PROCUREMENT OF PART NUMBER LISTED ABOVE. IF NECESSARY, PLEASE PROVIDE TO POC BELOW A COPY OF ALL TECHNICAL DATA, INCLUDING QUALITY ASSURANCE REQUIREMENTS AND DRAWINGS REQUIRED FOR PROCUREMENT OF ITEM.

PLEASE IDENTIFY IF THIS IS A CRITICAL SAFETY ITEM AND ALSO IF FIRST ARTICLE TESTING AND/OR PRODUCTION LOT TESTING ARE REQUIRED. ALSO PROVIDE CORRECT AMC/AMSC.

PROCURING ACTIVITY HAS PROVIDED THE FOLLOWING INFORMATION:

PROVIDE THIS ACTIVITY WITH THE NECESSARY TECHNICAL DATA TO SUPPORT PROCUREMENT REQUIREMENTS TO MEET ALL MINIMUM REQUIREMENTS AS APPLICABLE TO THE A.L.R.E WEAPON SYSTEM TO INCLUDE ALL APPLICABLE TECHNICAL DRAWINGS (TDP/TDR) AND ENGINEERING SPECIFIC REQUIREMENTS AND DEFINITIVE QUALITY ASSURANCE REQUIREMENTS. ALL AVAILABLE DATA HAS BEEN IDENTIFIED/FURNISHED IN SUPPORT OF THIS REQUEST. LATEST REVISION OF REQUIRED DRAWING AVAILABLE AT DSCR IS DWG 501569 REV G CAGE 80020, WHICH WAS FURNISHED WITH LAST, MOST RECENT REI 00-12014 DATED 8 MAR 2000.

POC FOR THIS REQUEST AT NAVICP-P IS BILL MURPHY, CODE 0731.24 AND PHONE 215-697-1195/DSN 442-1195.



NAVAIR COMMENT

13. CRITICALITY OF ITEM: (PICK ONE) CSI: CAI: NONE: X

14. TDR PROVIDED BEGINNING ON PAGE 2.

THE AMC/AMSC FOR THIS ITEM IS 2/C.

SCANNED

15. CHANGE DRAWINGS MANUALS MRC's ECP REQ'D	16. NAVAIR COMMENT PREPARED BY <i>G. Rivello</i> G. RIVIELLO	PHONE NUMBER 732-323-7344	DATE 6 SEP 01	CODE 4.8.10.2
	17. NAVAIR COMMENT APPROVED BY <i>R. Kotelnick</i> R. KOTELNICK	PHONE NUMBER 732-323-1582	DATE 6 SEP 01	CODE 4.8.10.2

REI NAWC COMMENTS (CONT'D)

REI-01-12676

501569-7 REVISION G IN NOTE 3, NAVSEA S9074-AR-GIB-010/278 (SUPERSEDING "MIL-STD-278").
DISREGARD NOTE 10.

DISREGARD NOTE 12, IN LIEU THEREOF THE FOLLOWING SHALL APPLY:
THREAD DIMENSIONS AND DESIGNATIONS SHALL BE INTERPRETED IN
ACCORDANCE WITH FED-STD-H28 AND ASME Y14.5 RESPECTIVELY. AC-
CEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH SYS-
TEM 22 OF FED-STD-H28/20 AND PIPE THREADS SHALL BE INTERPRETED IN
ACCORDANCE WITH FED-STD-H28/7 AND ASME B1.20.1 RESPECTIVELY.

ADD NOTE 13: IDENTIFY IN ACCORDANCE WITH SAE AS478.

A91646-14 REVISION 16 ABOVE TITLE BLOCK, NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION,
LAKEHURST, NJ 08733 (SUPERSEDING "NAVAL AIR ENGINEERING CENTER,
LAKEHURST, NJ 08733).

IN MECHANICAL FINISH BLOCK, ASME B46.1 (SUPERSEDING "ANSI B46.1").

ABOVE THE BILL OF MATERIAL, REPLACES REV (15) WITH CHG (SUPER-
SEDING "REPLACES REV (11) WITH CHG").

IN TABLE, FOR -14, ASTM B584, ALLOY C93200, AS CAST, ASTM B271,
ALLOY C93200, AS CAST OR ASTM B505, ALLOY C93200, AS CAST (SUPER-
SEDING "QQ-C-390, ALLOY 910, TY I OR II AS CAST") AND DISREGARD
STOCK SIZE COLUMN.

DISREGARD NOTE 3.

ADD TO NOTE 4, IN ACCORDANCE WITH SAE AS478-35. WHEN PART IS SUP-
PLIED AS PART OF AN ASSEMBLY, IDENTIFICATION IS NOT REQUIRED.
ALSO, NAWC (SUPERSEDING "NAEC").

DISREGARD NOTE 5, IN LIEU THEREOF THE FOLLOWING SHALL APPLY:
EACH FINISHED PART SHALL BE 100% PENETRANT INSPECTED IN ACCOR-
DANCE WITH ASTM E1417, TYPE I, METHOD A, SENSITIVITY LEVEL 2.
PARTS SHALL MEET THE CLASS 2 NON-LINEAR REQUIREMENTS AND THE
CLASS 2 LINEAR REQUIREMENTS OF MIL-STD-2035 FOR -14 ONLY.

NOTE 1: WHERE NAVAL AIR ENGINEERING CENTER MATERIAL AND PROCESS RE-
QUIREMENT (MPR) 1221, REVISION P IS REFERENCED, THE MPR SHALL
PREVAIL OVER ANY OTHER SPECIFICATIONS CITED.

WHERE MPR 1221-100 IS REFERENCED, THE FOLLOWING CHANGE SHALL
APPLY: MIL-P-53022, TYPE II (SUPERSEDING "MIL-P-23377").

NOTE 2: THE FOLLOWING SHALL APPLY TO ALL TECHNICAL DRAWINGS WHICH DO
NOT BEAR A DISTRIBUTION STATEMENT AS REQUIRED BY OPNAVINST
5510.1H:

EXCEPT FOR FIXED, LANDBASED ARRESTING GEAR -

ALL LAUNCH AND RECOVERY EQUIPMENT, INCLUDING COMPONENTS,
PARTS, ACCESSORIES, ATTACHMENTS AND ASSOCIATED EQUIPMENT (IN-
CLUDING GROUND SUPPORT EQUIPMENT), SPECIFICALLY DESIGNED OR
MODIFIED FOR LAUNCH AND RECOVERY EQUIPMENT, FALL UNDER THE
INTERNATIONAL TRAFFIC IN ARM REGULATIONS, 22CFR PART 121.1,
CATEGORY VIII, VOL 49, NO. 236 OF THE FEDERAL REGISTER AND IS CON-
SIDERED EXPORT CONTROLLED TECHNOLOGY.

NOTE 2:
(CONT'D)

A. ALL SPECIFICATION CONTROL, SOURCE CONTROL, INTERFACE CONTROL AND ALTERED ITEM DRAWINGS SHALL BE GOVERNED BY DISTRIBUTION STATEMENT "A" OF OPNAVINST 5510.1H AND ARE CLEARED FOR PUBLIC RELEASE.

B. ALL OTHER DRAWINGS AND TECHNICAL DOCUMENTS SHALL BE GOVERNED BY DISTRIBUTION STATEMENT "D" OF OPNAVINST 5510.1H AND ARE CLEARED FOR USE BY DOD AND DOD CONTRACTORS ONLY. UPON COMPLETION OF THE CONTRACT, ALL DOCUMENTS WILL BE DESTROYED BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF THE DOCUMENT.

NOTE 3:

SECTION 326 OF THE 1993 DEFENSE AUTHORIZATION ACT PLACES RESTRICTIONS ON THE USE OF CLASS I OZONE DEPLETING SUBSTANCES (ODS). UNTIL SUCH TIME AS THESE CLASS I ODS'S ARE ELIMINATED FROM MILITARY DRAWINGS AND SPECIFICATIONS (INCLUDING SECOND TIER, I.E., THOSE SPECIFICATIONS LISTED IN THE SPECIFICATIONS LISTED ON THE DRAWINGS), THE FOLLOWING SHALL APPLY:

1. THE CONTRACTOR SHALL USE A GOVERNMENT APPROVED NON-OZONE DEPLETING SUBSTANCE.

2. IF A GOVERNMENT APPROVED NON-OZONE DEPLETING SUBSTANCE IS UNKNOWN/UNAVAILABLE, THE CONTRACTOR SHALL CONTACT 4.8.1.4 AT NAWCAD LAKEHURST FOR AN ACCEPTABLE SUBSTITUTE, AN ALTERNATE PROCESS OR A WAIVER OF THE REQUIREMENT.

SEE ATTACHED PAGES FOR QUALITY ASSURANCE REQUIREMENTS.

Ser 4.8.13B148-2/01-12676
29 August 2001

From: Head, Prototype Manufacturing and Quality Assurance Division
Naval Air Systems Command, Lakehurst, NJ (4.8.13)
Hwy #547, Lakehurst, NJ 08733-5125

To: Commanding Officer, Naval Inventory Control Point, Philadelphia
Attn: Code 0731.12, Charles Johnson
700 Robbins Avenue, Philadelphia, PA 19111

Subj: SUPPORT ASSEMBLY, P/N 501569-1, REV. G, NSN 3120-01-081-7285

Encl: (1) QM1006 #01-12676

1. The Quality Assurance requirements for the subject procurement are listed in enclosure (1) and shall be used in conjunction with REI 01-12676. If a conflict exists with regard to identifying the criticality of this item of ALRE/SE, the higher level of criticality shall apply.
2. Any deviations from these quality requirements will need prior approval from Naval Air Systems Command, Lakehurst, Code 4.8.13.2.
3. If you have any questions on this matter or additional information is required, please advise.



RICH HEADLEY

SUPPLEMENTAL CONTRACT QUALITY REQUIREMENTS

NAVAIR has established the following Quality Assurance requirements to be used in procurement of the material identified below. Additional amplifying information is available via separate correspondence.

REI/TDR NUMBER: 01-12676

DATE: 29 August 2001

NAME: SUPPORT ASSEMBLY NSN: 3120-01-081-7285

CIC=Y (CRITICAL)

PART NO. 501569-1 **REV:** G

A. SOURCE SELECTION

1. Pre-award survey with NAVAIR QA participation required? Yes (See attached, para 1) No
(Can be waived by NAVAIR based on a given supplier's history)
2. Post Award with NAVAIR QA participation required? Yes (See attached, para 2) No
(Can be waived by NAVAIR based on given supplier's history)
3. Recommended Sources based on recent, documented Quality performance:
(Recommended sources do not need a pre-award survey by NAVAIR QA)
 - a. Computabase Cage Code OA396.

B. INSPECTION AND ACCEPTANCE POINT

1. Preliminary Inspection Point: Source Destination
2. Acceptance Point: Source Destination

C. QUALITY LETTER OF INSTRUCTION

1. Quality Assurance Letter of Instruction Required? YES (See attached, para 3) NO

D. QUALITY ASSURANCE STANDARD

1. Higher Level Quality program per FAR 52.246-11 YES NO
2. Standard Quality program per FAR 52.246-2 YES NO
(Must use if higher level selected)

E. NAVAIR INSPECTION WITNESS OPTION

1. NAVAIR option to witness final inspection required? YES (See attached, 4) NO
2. NAVAIR option to witness interim inspections required? YES (see below) NO
 - a.
 - b.
 - c.

F. CONFIGURATION CONTROL

Configuration control in accordance with MIL-STD-973 is required. The approval authority for all major and minor waivers and deviations shall be NAWCADLKE Code 4.8.10.

G. QUALITY CONFORMANCE AND LOT SAMPLING INSPECTIONS

1. NAVAIR specified Quality Conformance Inspection plan with sampling rates? Yes (See attached, para 5) No

H. RECEIPT INSPECTION

1. Receipt Inspection Certification required? Yes No
2. Point of Certification? NAVAIR Lakehurst Source with contractor assist

I. FIRST ARTICLE TEST

1. First Article Testing required? Yes (see attached para 6) NO
2. Place of Testing Performance. Source Government Both

See attached for detailed First Article Testing requirements, associated data deliverables, and estimated costs.

J. PRODUCTION LOT TESTING

1. Production Lot Testing required? Yes (see attached para 7) NO
2. Place of Testing Performance. Source Government Both

See attached for detailed Production Lot Testing requirements and estimated costs.

K. DATA DELIVERABLES

Data deliverables required? Yes see attached DD 1423 forms No

L. ALRE FLIGHT CRITICAL COMPONENT NOTICE

1. ALRE Flight Critical Component notice required? Yes No

M. CERTIFICATE OF QUALITY COMPLIANCE

1. Certificate of Quality Compliance Required? Yes No

N. OTHER PART SPECIFIC AND UNIQUE REQUIREMENTS

QUALITY ASSURANCE REQUIREMENTS:

The paragraphs shown below, when referenced on the QM1006 checklist, provide the detailed Quality Assurance requirements to be used for the particular procurement. These paragraphs shall only apply when the corresponding "Yes" block has been checked on the associated checklist.

1. Due to the critical use of this material and/or its quality history, a preaward survey is required. Unless specifically waived by NAWC Quality Assurance, NAWC quality assurance personnel shall participate in this survey. Notify the NAWC Quality Assurance branch, Code 4.8.M.2, Jim Gooch, (732)-323-7504; telefax (732) 323-7234, of all pending preaward surveys associated with this procurement.
2. A contract Post Award conference is required for this procurement. This may be waived by NAWC Quality Assurance based on the results of the preaward survey.
3. The procuring activity shall issue a Quality Assurance Letter of Instruction (QALI) to the appropriate Adminstrating Contract Office instructing the authorized government Quality Assurance Representative as follows:
 - a. Features/attributes/requirements classified as Critical on the drawing(s) or within the technical specification shall be inspected 100%
 - b. Features/attributes/requirements classified as Major on the drawing(s) or within the technical specification shall be inspected using an AQL of 1.0 as defined by ANSI Z1.4
 - c. Minor features/attributes/requirements shall be per the QAR's established procedures.
 - d. The QAR will invoke government source inspection via delegation for all work on Critical and Major features/attributes/requirements performed by sub-contractors which cannot be verified upon receipt by the prime contractor.
4. The solicitation/contract shall contain the NAWCADLKE inspection surveillance clause as follows:

Because of the critical nature of this material, a representative of the Naval Air Warfare Center Aircraft Division Lakehurst (NAW-CADLKE) is available to furnish technical assistance on Quality Assurance (QA) matters and shall have the option of conducting QA surveillance for the first lot produced under this contract (and all subsequent lots if necessary). This requirement will be performed in conjunction with the Quality Assurance Representative (QAR) of the cognizant Defense Contract Management Command and does not abrogate the authority or responsibility of the designated QAR. The contractor agrees to notify, in writing, the supervisor of the NAWC QA section Code, 4.8.13. 2, Lakehurst, NJ 08733-5035 and the NAVICP Mechanicsburg Contracting Officer when material is scheduled to be presented to the DCMC QAR for Government inspection and acceptance. This notice shall afford the NAW-CADLKE QA representative the option of being present during the inspection. Notification to NAWC may be provided via telephone (732)-323-7504 immediately followed by written conformation, or via facsimile transmission (FAX 732-323-1381). A minimum of fourteen (14) working days is required to arrange the surveillance visit.
5. The contractor shall perform Quality Conformance and Lot Sampling Inspection for all associated features that are present in the drawings and specifications:
 - a. Features/attributes/requirements classified as Critical and Major on the drawing(s) or within the technical specification shall be inspected 100%;
 - b. Unless otherwise specified, attributes for plating, hardness, and non-destructive testing shall be inspected 100%;
 - c. Class 3 Threads, dimensions, and geometric feature controls with a tolerance range of .010 or less shall be inspected using an AQL of 1.5 and the General Inspection Level II as defined by ANSI Z1.4
 - d. Minor Characteristics: Sampling rate determined by contractor subject to QAR approval.

CONTRACT DATA REQUIREMENTS LIST					FORM APPROVED OMB No. 0704-0188			
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Office for the Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP _____ TM _____ OTHER _____				
D. SYSTEM ITEM			E. CONTRACTOR/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO.	2. TITLE OF DATA ITEM Welding Procedures			3. SUBTITLE N/A				
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80875			5. CONTRACT REFERENCE		6. REQUIRING OFFICE CODE 4.8.13.2/148-2			
7. DD 250 REQ SD	9. DIST STATEMENT As Required	10. FREQUENCY ONE TIME	12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE	b. COPIES		
						Draft	Final	
						Reg	Repr	
16. REMARKS Data Requirements a. Welding per Drawing 501569. (Block 12) DATE OF FIRST SUBMISSION – Report shall be submitted 45 days after contract, to NAVAIRWARCENACDIVLKE (Block 13) DATE OF SUBSEQUENT SUBMMISION – NLT 30 days after disapproval.					CODE 4.8.10		1	0
					DSCC		1	0
					DCMA/QAR		1	0
					CODE 4.8.13.2		1	0
					15. TOTAL		4	0
G. PREPARED BY		H. DATE 29 August 2001		I. APPROVED BY Jim Gooch		J. DATE 29 August 2001		