

REQUEST FOR ENGINEERING INFORMATION (REI)

1. ORIGINATOR NAME/PHONE NO. CHERYL FERRELL DSN 695-6125	2. ORG/CODE	3. CONTRACT OR SCHEDULE NUMBER	4. REI NUMBER 01-12723
5. NSN/PART NOMENCLATURE 5342-00-114-5112	6. DWG./PART NO. AFFECTED 515292-1, Crank	7. MODEL/END ITEM ALRE E-28 A/G	8. REQUEST DATE 09/04/01
9. SUPERVISOR	10. INSPECTOR	11. REFERENCE DOCUMENT DSCR-07-01-23685 A	PAGE 1 OF 2

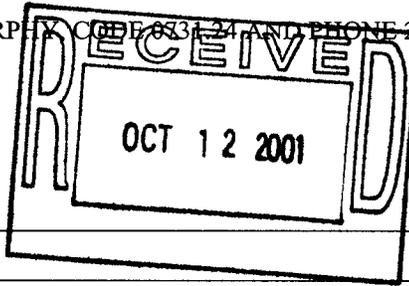
DESCRIPTION OF PROBLEM

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:

PLEASE PROVIDE LATEST TDR ON SUBJECT NSN. CODED AS 82N WITH A REFERENCED CAGE OF 80020. AS PER BLOCK 14, THIS IS A CIT ITEM, ETD: 92147. THIS IS A FIRST-TIME BUY FOR THIS CENTER. OUR RECORDS INDICATE THAT ALL PREVIOUS BUYS HAVE BEEN BY THE NAVY. WE DO NOT HAVE A TDR ESTABLISHED. I HAVE RESEARCHED DWG 515292 AND FOUND THAT REV D IS THE LATEST REV IN MEDALS.

POC FOR THIS REQUEST AT NAVICP-P IS BILL MURPHY, CODE 831-24 AND PHONE 215-697-1195/DSN 442-1195.



NAVAIR COMMENT

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

14. TDR PROVIDED BEGINNING ON PAGE 2.

AMC Code: 1
AMSC Code: G

15. CHANGE DRAWINGS MANUALS MRC's ECP REQ'D	16. NAVAIR COMMENT PREPARED BY <i>Robert M. Gallucci</i>	PHONE NUMBER DSN 624-7336	DATE 1 October 2001	CODE 4.8.10.2.
	17. NAVAIR COMMENT APPROVED BY <i>M. Javane</i>	PHONE NUMBER DSN 624-7338	DATE 1 October 2001	CODE 4.8.10.2.

515292-1

REVISION D

ABOVE TITLE BLOCK, NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION, LAKEHURST, NJ 08733 (SUPERSEDING "NAVAL AIR ENGINEERING CENTER, LAKEHURST, NJ 08733").

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

IN THE FIELD OF DRAWING, NOTES 2 AND 4, NAWC (SUPERSEDING "NAEC").

DISREGARD NOTE 5, IN LIEU THEREOF THE FOLLOWING SHALL APPLY: HEAT TREAT IN ACCORDANCE WITH AMS2759/1 SO THAT FINISHED PART HAS A HARDNESS OF RHN C34 TO C38.

IN NOTE 7, ASTM E1444 (SUPERSEDING "MIL-STD-1949").

DISREGARD NOTE 8, IN LIEU THEREOF THE FOLLOWING SHALL APPLY: MATERIAL SHALL BE AMS-S-6758, COND C4.

NOTE 1:

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 4.8.13B148-2/01-12723
25 September 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: CRANK, P/N 515292-1, REV. D, NSN 5342-00-114-5112

Encl: (1) QM1006 #01-12723

1. The Quality Assurance requirements for the subject procurement are listed in enclosure (1) and shall be used in conjunction with REI 01-12723. 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: 01-12723

DATE: 25 September 2001

NAME: CRANK NSN: 5342-00-114-5112

CIC=Y (CRITICAL)

PART NO. 515292-1 REV: D

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. Entwistle Cage Code 20722

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.

REI NAWC COMMENTS (CONT'D)

REI-01-12723

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 (NAWCADLKE) 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 NAWCADLKE 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.