

# REQUEST FOR ENGINEERING INFORMATION (REI)

1. ORIGINATOR NAME/PHONE NO. GARY VAN DEN BOOM 804-279-4742	2. ORG/CODE DSCR-JGTB	3. CONTRACT OR SCHEDULE NUMBER	4. REI NUMBER 02-12138
5. NSN/PART NOMENCLATURE 5342-01-267-3242 Gland Retainer	6. DWG. /PART NO. AFFECTED 519290-1	7. TYPE OF EQUIPMENT LSO HUD	8. REQUEST DATE 02/07/02
9. SUPERVISOR	10. INSPECTOR	11. REFERENCE DOCUMENT DSCR-07-02-03466	PAGE 1 OF 6

**DESCRIPTION OF PROBLEM**

12.

1. PROCURING ACTIVITY HAS REQUESTED REVIEW OF COMPLETE TECHNICAL DATA PACKAGE FOR PROCUREMENT OF PART NUMBER LISTED ABOVE. IF NECESSARY, PLEASE PROVIDE TO POC BELOW (UNDER REI NUMBER IN BLOCK 4 ABOVE), A COPY OF ALL TECHNICAL DATA, INCLUDING QUALITY ASSURANCE REQUIREMENTS AND DRAWINGS, REQUIRED FOR PROCUREMENT OF ITEM. REQUEST COGNIZANT ENGINEER STATE, IN NAVAIR COMMENT BLOCK 14, IF THIS IS OR IS NOT A CRITICAL SAFETY ITEM (CSI). ALSO INDICATE IF FIRST ARTICLE TESTING AND/OR PRODUCTION LOT TESTING ARE REQUIRED.

2. ORIGINATOR IN BLOCK 1 ABOVE HAS PROVIDED THE FOLLOWING INFORMATION:

“ALRE ITEM. PLEASE EXPEDITE. BACKORDERS ON HAND! A TDR IS BEING REQUESTED DUE TO THERE IS NO PREVIOUS VALID TDR ON FILE. DATA IS AVAILABLE, DRAWING 519290, CAGE 80020, REV B, RTS U, PER MEDALS AT NATEC. ALSO, WHAT IS THE CORRECT AMC/AMSC TO USE FOR THIS NSN?”

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

**NAVAIR COMMENT**

14. TDR PROVIDED BEGINNING ON PAGE 2.

15. CHANGE DRAWINGS MANUALS MRC's ECP REQ'D	16. NAVAIR COMMENT PREPARED BY Maria M. Rimmele	PHONE NUMBER 732-323-1818	DATE 2/13/02	CODE 4.8.10.3
	17. NAVAIR COMMENT APPROVED BY Maria M. Rimmele	PHONE NUMBER 732-323-1818	DATE 2/13/02	CODE 4.8.10.3

519290-1

REVISION B

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

IN "UNLESS OTHERWISE INDICATED" BLOCK, ASME Y14.100 (SUPERSEDING "MIL-STD-100").

IN NOTE 1, ASME Y14.5M (SUPERSEDING "ANSI Y14.5").

IN NOTE 3, AMS QQ-C-320 (SUPERSEDING "QQ-C-320").

ADD NOTE: "IDENTIFY IN ACCORDANCE WITH MIL-STD-130".

NOTE 1:

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 (INCLUDING GROUND SUPPORT EQUIPMENT), SPECIFICALLY DESIGNED OR MODIFIED FOR LAUNCH AND RECOVERY EQUIPMENT, FALL UNDER THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS, 22CFR PART 121.1, CATEGORY VIII, VOL 49, NO. 236 OF THE FEDERAL REGISTER AND IS CONSIDERED EXPORT CONTROLLED TECHNOLOGY.

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 2:

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 4.8.13B148-2/02-12138  
13 February 2002

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: GLAND RETAINER, P/N 519290-1, REV. B, NSN 5342-01-267-3242

Encl: (1) QM1006 #02-12138

1. The Quality Assurance requirements for the subject procurement are listed in enclosure (1) and shall be used in conjunction with REI 02-12138. 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.

<b>REI/TDR NUMBER:</b> 02-12138	<b>DATE:</b> 13 February 2002
<b>NAME:</b> GLAND RETAINER <b>NSN:</b> 5342-01-267-3242	<b>CIC=Y (CRITICAL)</b>
<b>PART NO.</b> 519290-1 <b>REV:</b> B	

**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. FLUIDYNE CORP, CAGE: 9Y957  
9100 COLLINS AVE  
PENNSAUKEN, NJ 08110  
Phone:856-663-1818
  - b.
  - c.

**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.