

INSTRUCTIONS FOR COMPLETING DD FORM 1423
(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

- Item A.** Self-explanatory.
- Item B.** Self-explanatory.
- Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.
- Item D.** Enter name of system/item being acquired that data will support.
- Item E.** Self-explanatory (to be filled in after contract award).
- Item F.** Self-explanatory (to be filled in after contract award).
- Item G.** Signature of preparer of CDRL.
- Item H.** Date CDRL was prepared.
- Item I.** Signature of CDRL approval authority.
- Item J.** Date CDRL was approved.
- Item 1.** See DoD FAR Supplement Subpart 4.71 for proper numbering.
- Item 2.** Enter title as it appears on data acquisition document cited in Item 4.
- Item 3.** Enter subtitle of data item for further definition of data item (optional entry).
- Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.
- Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).
- Item 6.** Enter technical office responsible for ensuring adequacy of the data item.
- Item 7.** Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8.** Specify requirement for approval of a draft before preparation of the final data item.
- Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).
- Item 10.** Specify number of times data items are to be delivered.
- Item 11.** Specify as-of date of data item, when applicable.
- Item 12.** Specify when first submittal is required.
- Item 13.** Specify when subsequent submittals are required, when applicable.
- Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15.** Enter total number of draft/final copies to be delivered.
- Item 16.** Use for additional/clarity information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

REQUEST FOR ENGINEERING INFORMATION (REI)

1. ORIGINATOR NAME/PHONE NO. GARY BENSON 804-279-6312	2. ORG/CODE 0731.12	3. CONTRACT OR SCHEDULE NUMBER	4. REI NUMBER 01-12797
5. NSN/PART NOMENCLATURE 6680-01-176-9132	6. DWG./PART NO. AFFECTED 520500-3, Flash Tube	7. MODEL/END ITEM ALRE E-28 A/G Strobe Light	8. REQUEST DATE 10/16/01
9. SUPERVISOR	10. INSPECTOR	11. REFERENCE DOCUMENT DSCR #07-02-00202	PAGE 1 OF 6

DESCRIPTION OF PROBLEM

12. NO PREVIOUS TDR.

PLEASE IDENTIFY SOURCES OF SUPPLY IF AVAILABLE AND INCLUDE A COPY OF THE CURRENT DRAWING AND A CURRENT COPY OF THE QM1006 QUALITY REQUIREMENTS IF NOT INCORPORATED INTO THE TDR. IN ADDITION, PLEASE IDENTIFY IF THIS IS A CRITICAL ITEM AND IF A FAT AND/OR A PAS ARE REQUIRED. THE CORRECT AMC/AMSC IS REQUIRED TO CONTROL THE PROCUREMENT OF THIS ITEM.

POC FOR THIS REQUEST IS CHARLES JOHNSON, 215-697-2196 AT NAVICP-P.

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 31 October 2001	CODE 4.8.10.2.
	17. NAVAIR COMMENT APPROVED BY <i>M. Fiorance</i>	PHONE NUMBER DSN 624-7338	DATE 31 October 2001	CODE 4.8.10.2.

REI NAWC COMMENTS (CONT'D)

REI-01-12797

520500-3

REVISION E

IN "UNLESS OTHERWISE SPECIFIED" BLOCK, MIL-STD-100 (SUPERSEDING 'DOD-STD-100").

IN NOTE 1, ASTM B26, ALLOY 319.0 (SUPERSEDING "QQ-A-601, TYPE 319").

IN NOTE 3J, SAE AS25050 (SUPERSEDING "MIL-C-25050").

IN NOTE 4, NAWC (SUPERSEDING "NAEC").

DISREGARD NOTE 8, IN LIEU THEREOF THE FOLLOWING SHALL APPLY: THREAD DIMENSIONS AND DESIGNATIONS SHALL BE INTERPRETED IN ACCORDANCE WITH FED-STD-H28 AND ASME Y14.6 RESPECTIVELY. ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH SYSTEM 21 OF FED-STD-H28/20.

DISREGARD NOTE 9.

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 4.8.13B148-2/01-12797
19 October 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: STROBE LIGHT ASSEMBLY, P/N 520500-3, REV. E, NSN 6680-01-176-9132

Encl: (1) QM1006 #01-12797

1. The Quality Assurance requirements for the subject procurement are listed in enclosure (1) and shall be used in conjunction with REI 01-12797. 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: 01-12797	DATE: 19 October 2001
NAME: STROBE LIGHT ASSEMBLY	NSN: 6680-01-176-9132
PART NO. 520500-3	REV: E
	CIC=Y (CRITICAL)

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. None

B. INSPECTION AND ACCEPTANCE POINT

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

C. QUALITY LETTER OF INSTRUCTIONS

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.