



DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY
2300 E STREET NW
WASHINGTON DC 20372-5300

IN REPLY REFER TO
BUMEDINST 5220.3E
BUMED-M3B3
27 Sep 2011

BUMED INSTRUCTION 5220.3E

From: Chief, Bureau of Medicine and Surgery

Subj: QUALITY ASSURANCE AND REVALIDATION OF NAVAL AVIATION
SURVIVAL TRAINING PROGRAM TRAINING DEVICES

Ref: (a) OPNAVINST 1500.76B
(b) CNO memo Ser 00/4U500017 of 19 Jan 1994 (NOTAL)
(c) CNO WASHINGTON DC 241910Z JUL 98 (NOTAL)
(d) OPNAVINST 3710.7U
(e) BUMED NASTP Standard Operating Procedure (SOP), Chapter 6 (NOTAL)
(f) BUMED QA&R System Test Criteria, 3 Jan 07 (NOTAL)
(g) SECNAV M- 5214.1

1. Purpose. To reissue quality assurance and revalidation (QA&R) policy and requirements stated in reference (a), as they apply to the Naval Aviation Survival Training Program (NASTP) devices and to assign responsibility for implementation.

2. Cancellation. BUMEDINST 5220.3D.

3. Scope. This instruction applies to military facilities that conduct QA&R inspections and possess naval aviation survival training systems and/or devices with Bureau of Medicine and Surgery (BUMED) oversight.

4. Discussion

a. Reference (a) contains the policy for Navy QA&R programs and assigns related responsibilities and actions within Navy. References (b) through (d) designate BUMED as the training agent for NASTP. References (c) and (d) assign QA&R inspection requirements to the NASTP Model Manager (NASTPMM). This instruction defines specific QA&R policies for BUMED and establishes a QA&R program for all training devices and systems used in the high risk NASTP that is consistent with the policies and responsibilities in references (a) through (f).

b. Per reference (a) guidance, Naval Air Warfare Center Training Systems Division (NAWCTSD) will provide technical support to the QA&R program. NAWCTSD's support for the QA&R program consists of technical expertise from personnel located at in-service engineering offices in Norfolk, VA; Pensacola, FL; and Lemoore, CA.

5. Responsibilities. The Chief, BUMED (BUMED-M3) is responsible for the implementation and management of the BUMED QA&R Program for NASTP training devices/systems. NAWCTSD, as Training Support Agent, has additional responsibilities for the same devices/systems. Chain of command considerations and support agreements may result in shared responsibilities with respect to action required by reference (a). The Naval Survival Training Institute (NSTI), the NASTPMM, is the inspecting agent for the QA&R program.

6. Action

a. BUMED is designated as the NASTP QA&R Program Manager. The QA&R inspection program shall conform with the following guidelines:

(1) QA&R inspections must be scheduled for all training devices used by NASTP on an annual basis, using the methodologies and format described in references (e) and (f), and this instruction.

(2) The QA&R inspection team must, at a minimum, consist of a senior inspector appointed by NASTPMM and a technical advisor from the cognizant training support agency.

(3) The final QA&R report must be based upon the reporting custodian's operational evaluation provided at the pre-inspection briefing, the verification of this information by the QA&R inspection team, and the team's additional findings and recommendations based on application of approved QA&R inspection and test criteria (reference (f)).

(4) BUMED NASTP Program Manager, PMA-205 Assistant Program Manager (Training Systems), NAWCTSD Program Manager, NAWCTSD engineers, inspectors, and technical advisors must participate in an annual QA&R program review.

b. NSTI is designated as the NASTPMM and is assigned the role of inspecting agent for the NASTP QA&R program. To complete this responsibility NSTI must:

(1) Budget for inspectors and technical advisors to complete site inspections and to review QA&R criteria.

(2) Prepare a QA&R inspection schedule in coordination with the sites to be inspected and NAWCTSD Inservice Support Engineers staff, and disseminate the inspection schedule to all appropriate sites by 1 October of the inspection cycle fiscal year.

(3) Conduct all QA&R inspections as BUMED inspecting agent using criteria outlined in reference (f).

(4) Prepare and review QA&R inspection reports for subject devices in context with assigned duties as the NASTPMM. NASTPMM will provide recommendations to BUMED and the NASTP trainer management team concerning possible use, improvements, and proposed acquisition of training devices.

(5) Track all QA&R assigned actions from each site. Report electronically (e-mail) on the status of any outstanding discrepancies quarterly to BUMED Fleet Programs (BUMED-M3B3), ensuring proper distribution to all type commanders and the NAWCTSD team.

(6) Liaison with NAWCTSD quarterly to determine status of outstanding discrepancies assigned to their responsibility. Include updates on outstanding QA&R action items in Aviation Survival Training Center (ASTC) quarterly reports.

(7) Provide electronic copies of status reports listed in paragraph 6b(4) through 6b(6) to BUMED-M3B3 and NAWCTSD for posting on the Training Information Electronic Resources System Web site.

c. Naval Aviation Survival Training Centers shall:

(1) Maintain a copy of this instruction and other appropriate references as determined by reference (e).

(2) Maintain currency of publications and log books for each training device and system under their cognizance including: operation and maintenance manuals, planned maintenance systems, sequence control charts and sections I (Inventory), III (Technical Engineering Change Directive Record (TECR)), IV (TECR record), and VII (Preventive Maintenance System Log) of device log books (or equivalent data).

(3) Request and provide to the QA&R inspection team a report from the NAWCTSD 111A9, consisting of device modification status summaries, depot level maintenance and overhaul schedules, and pertinent logistic information related to the scope of the QA&R inspection. This data must be requested within 1 month of each QA&R inspection.

(4) Provide the QA&R inspection team with a written evaluation of the training device and system based on an assessment of local information and review of NAWCTSD data. The evaluation is to be presented at the pre-inspection briefing. As a minimum the evaluation must address the following items:

(a) Report data on cumulative number of students trained, for each device, for the last 3 calendar years. This must be accompanied by a summary of utilization trends identifying any significant changes since the last inspection and assessment of causes of the changes, and whether trends may continue. A list of the curricula supported must be included for each device.

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(b) List changes in the adequacy and quality of training that the training device or system provides, based on student feedback, fleet input, or operator comments.

(c) Identify deficiencies and discrepancies that have reduced training devices and systems availability or its capability to meet its designed performance requirements.

(d) Recommend changes (submitted TECRs) to physical configuration, maintenance, and overhaul or rework requirements for assigned devices that have arisen since the last inspection, and actions taken to identify the requirements to the NASTPMM and NAWCTSD.

(e) Report status for all incomplete action items from the last QA&R inspection.

(5) Assign a knowledgeable representative from the activity to assist the inspection team.

(6) Report the status of outstanding QA&R action items directly to NASTPMM NSTI (with copy to BUMED and NAWCTSD) quarterly. The report should be sent electronically (e-mail) and is preferred as an appendage to quarterly training and safety reports. Sites are not responsible for action items assigned to NAWCTSD and are not required to comment. Communication with NAWCTSD is required if the action item will result in a TECR.

(7) Forward follow-up QA&R status reports to NSTI on a quarterly basis as listed in paragraph 6c(6) above until all remaining assigned action items have been completed.

d. NAWCTSD shall:

(1) Provide training device and system technical and logistics support advice and assistance per reference (a).

(2) Provide logistics information pertinent to the scope of QA&R inspections as requested by reporting custodians and required by reference (a). As a minimum, the data must include device or system modification status, operational and depot level maintenance actions required, and device or system overhaul schedules.

(3) Assist NASTPMM with quarterly updates on action items assigned to NAWCTSD.

7. Reports. The reporting requirements included in this instruction are exempt from reports control by reference (g), paragraph 7h.


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