



DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY
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IN REPLY REFER TO
BUMEDINST 1551.4A
BUMED-N3
9 Nov 2023

BUMED INSTRUCTION 1551.4A

From: Chief, Bureau of Medicine and Surgery

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

Ref: (a) OPNAVINST 1500.76D
(b) CNO Memo Ser 00/4U500017 (NOTAL)
(c) CNO WASHINGTON DC 241910Z (NOTAL)
(d) CNAF M-3710.7
(e) BUMED NASTP Standard Operating Procedure (SOP), Chapter 6

1. Purpose. To issue quality assurance and revalidation (QA&R) policy and to assign responsibility for Naval Aviation Survival Training Program (NASTP) devices and implementation. This instruction is a complete revision and should be reviewed in its entirety.

2. Cancellation. BUMEDINST 1551.4

3. Scope and Applicability. This instruction applies to all Budget Submitting Office 18 (BSO-18) commands, units, personnel, and operational activities having medical personnel under the authority, direction, and control of Chief, Bureau of Medicine and Surgery (BUMED).

4. Background. Reference (a) requires training agencies to institute a preventive maintenance program applicable to all training equipment utilized in the conduct of high-risk training and ensure the program is evaluated during reviews, evaluations, or inspections. References (b) through (d) designate BUMED as the training agent for NASTP. References (c) through (e) assign QA&R inspection requirements to the NASTP Model Manager assigned to the Naval Survival Training Institute (NSTI). Aviation Survival Training Centers (ASTC) serve as NASTP training sites.

5. Action

a. Fleet Programs (BUMED-N10F) is designated as the NASTP QA&R Program Manager and must administer the program per reference (e).

b. Naval Air Systems Command (NAVAIR) NASTP Integrated Product Team (IPT), consisting of Naval Aviation Training Systems and Ranges Program Office (PMA-205) and Naval Air Warfare Center Training Systems Division (NAWC-TSD), will be consulted to provide technical expertise in support of the QA&R program.

6. Roles and Responsibilities

a. BUMED-N10F must:

(1) Develop and issue device maintenance procedures per reference (e).

(2) Update this instruction as required.

(3) Coordinate with NAVAIR NASTP IPT to:

(a) Advise on NASTP training device as well as system technical and logistics support. Funding for technical support, including In-Service Engineers (ISE) travel for QA&R inspections, is budgeted by NAVAIR PMA-205 and is included in a Work Assignment Agreement with NAWC-TSD.

(b) Assist NSTI with quarterly updates on QA&R discrepancies and action items assigned to the NAVAIR IPT.

(c) Provide logistic information pertinent to the scope of the QA&R inspection as requested by the ASTCs. Data must include device or system modification status, operational and depot level maintenance actions required, and device or system overhaul schedules.

(4) Conduct an annual QA&R program review within the Trainer Management Team meeting. At minimum, BUMED-N10F, NAVAIR NASTP IPT, NAVAIR NASTP ISEs, QA&R inspectors, and technical advisors must be represented.

(5) Monitor the status of QA&R discrepancies and assigned actions.

(6) Assign responsibility for discrepancies and assigned actions as warranted.

b. NSTI must:

(1) Maintain a copy of this instruction and reference (e).

(2) Serve as the inspecting agent for the QA&R program.

(3) Prepare a QA&R inspection schedule per the ASTCs and NAVAIR NASTP IPT and disseminate the inspection schedule to all appropriate sites by 1 October of the inspection cycle's fiscal year.

(4) Ensure QA&R inspection teams consist of, at a minimum, a senior inspector from outside the ASTC being inspected and a NAVAIR NASTP ISE to provide engineering expertise.

(5) Budget for NSTI inspectors to complete site inspections and to review QA&R criteria.

(6) Conduct all QA&R inspections per reference (e).

(7) Oversee remediation of discrepancies and assigned actions resulting from QA&R inspections.

(8) Review QA&R inspection reports generated by the QA&R Inspection Team and forward them to BUMED-N10F.

(9) Track all QA&R discrepancies and assigned actions from each ASTC. The status of all outstanding discrepancies and assigned actions must be reported to BUMED-N10F and NASTP IPT by the 15th calendar day following the start of each fiscal year's new quarter.

(10) Close QA&R discrepancies and assigned actions upon:

(a) Receiving closure recommendation from the director of the appropriate ASTC.

(b) Verification of final resolution (i.e., correction, repair, or determination that the issue does not merit further action) through review of documentation in the Configuration Management Program (CMPRO).

(11) QA&R Inspection Team must:

(a) Conduct QA&R inspections per this instruction and reference (e).

(b) Review and verify ASTC Operational Evaluation as provided during pre-inspection briefing.

(c) Provide NSTI, the ASTC director, and ASTC device maintenance team with a final report of findings, discrepancies, assigned actions, and recommendations based on information gathered during the QA&R inspection of each ASTC.

c. ASTCs must:

(1) Maintain a copy of this instruction and reference (e).

(2) Maintain current publications and records for each training device and system under their cognizance. Required publications include operation and maintenance manuals, planned maintenance systems, sequence control charts and sections I (Custody and Inventory Record), III (Engineering Change Record), IV (Engineering Change Request Record), VII (Scheduled

(Preventive) Maintenance Log), and VIII (Unscheduled (Corrective) Maintenance Log) of device records or equivalent data.

(3) Provide the QA&R inspection team with a written ASTC Operational Evaluation for each training device and system based on an assessment of local information and review of NAVAIR NASTP IPT data. The Operational Evaluation is to be sent to the inspection team for review 2 weeks prior to the date of the inspection. The ASTC Operational Evaluation must include, but is not limited to:

(a) Data on cumulative number of students trained for each device over the last three calendar years. Data must be accompanied by a summary of utilization trends identifying any significant changes since the last inspection and an assessment of factors that caused those changes. An analysis of whether trends may continue is also required.

(b) A list of deficiencies and discrepancies that have reduced the availability of training devices and systems, and a list of incidents in which a device failed to meet its designed performance requirements.

(c) Recommendations for changes to the physical configuration or maintenance of devices submitted via training equipment change requests (TECRs). In addition, list all overhaul or rework requirements since the last inspection.

(d) Status for all incomplete discrepancies and assigned actions (i.e., open items).

(4) Assign a knowledgeable device maintenance representative from the ASTC to assist the inspection team.

(5) Provide a plan of corrective action in CMPRO for any discrepancy that is not corrected within 30 days of the final report's posting to CMPRO.

(6) Update discrepancy and assigned action status in CMPRO quarterly until closed.

(7) Update the ASTC Director regarding progress on open discrepancies, assigned actions, and completion progress in CMPRO.

(8) Recommend to the ASTC Director closure of discrepancies and assigned action items in CMPRO upon correction of discrepancies and assigned action items.

(9) Recommend closure of discrepancies or assigned action items in CMPRO upon confirmation of final resolution (i.e., corrections, repair, or determination that the issue does not merit further action). ASTCs are not responsible for actions assigned to the NAVAIR IPT and are not required to comment. Communication with the NAVAIR IPT is required if the action item will result in a TECR.

7. Records Management

a. Records created as a result of this instruction, regardless of format or media, must be maintained and dispositioned per the records disposition schedules located on the Department of the Navy Directorate for Administration, Logistics, and Operations, Directives and Records Management Division portal page at <https://portal.secnav.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-Information-Management/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

b. For questions concerning the management of records related to this instruction or the records disposition schedules, please contact the local records manager or the Department of the Navy Directorate for Administration, Logistics, and Operations, Directives and Records Management Division program office.

8. Review and Effective Date. Per OPNAVINST 5215.17A, Operations, BUMED-N3 will review this instruction annually around the anniversary of the issuance date to ensure applicability, currency, and consistency with Federal, Department of Defense, Secretary of the Navy, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in effect for 10 years, unless revised or cancelled in the interim, and will be reissued by the 10-year anniversary date if it is still required, unless it meets one of the exceptions in OPNAVINST 5215.17A, paragraph 9. Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the need for cancellation is known following the guidance in OPNAV Manual 5215.1 of May 2016.

9. Information Management Control. The reporting requirements in paragraphs 6b(8), 6b(9), and 6b(11)(c) are exempt from additional reporting requirements per SECNAV M-5214.1 part IV, paragraph 7j.



D. K. VIA
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Releasability and distribution:

This instruction is cleared for public release and is available electronically only via the Navy Medicine Web Site at: <https://www.med.navy.mil/Directives/>.