OPNAV INSTRUCTION 3510.15B

From: Chief of Naval Operations

Subj: AVIATION-SERIES NAVAL TACTICS, TECHNIQUES AND PROCEDURES MANUALS AND NAVAL AVIATION TECHNICAL INFORMATION PRODUCT PROGRAM

Ref: (a) CNAF M-3710.7 of 5 May 2016
   (b) NAVAIRINST 13034.1F
   (c) NTTP 1-01 of April 2005 (NOTAL)

Encl: (1) Navy and Marine Corps air NTTP, NATIP, and COMNAVWARDEVCOM Relational Diagram

1. **Purpose.** To provide for the management of air Navy tactics, techniques and procedures (NTTP), and Naval Aviation Technical Information Products (NATIP) Program, which provide guidance for the management, review, production, and distribution of all air NTTP and NATIP. Changes to this instruction include an update to program management and oversight. This is a complete revision and should be reviewed in its entirety.

2. **Cancellation.** OPNAVINST 3510.15A.

3. **Scope and Applicability.** This instruction is applicable to the Commander, U.S. Fleet Forces Command; Commander, U.S. Pacific Fleet; naval component commanders; type commanders; systems commands; Commander, Navy Installations Command; regional commanders and all subordinate commands.

4. **Discussion**
   a. The air NTTP, NATIP, and the air NTTP Program Management Guide will be the primary operational references for naval aviation. The Chief of Naval Operations will oversee the execution of the air NTTP and NATIP programs.
   b. The air NTTP Program is managed by Naval Aviation Warfighting Development Center (NAVAVNWARDEVVCEN) and is a series of comprehensive tactical force employment manuals comprising of lessons learned, operational evaluations, training exercises, tactics development programs, and threat analysis.
(1) The air NTTP Program is located at NAVAVNWARDEVCEN, Naval Air Station (NAS) Fallon, Nevada. Air NTTP volumes will be maintained by NAVAVNWARDEVCEN and available electronically. The Navy Warfare Development Command (COMNAVWARDEVCOM), per reference (b), will link to the applicable air NTTP.

(2) To distinguish between classified and unclassified manuals, and tactical pocket guides, the air NTTP series must be numbered as listed in subparagraphs 4b(2)(a) through 4b(2)(d).

(a) NTTP 3-22.1-Type, Model, Series Classified Tactical Employment Manual.

(b) NTTP 3-22.3-Type, Model, Series Unclassified Tactical Employment Manual.

(c) NTTP 3-22.5-Type, Model, Series Tactical Pocket Guide.

(d) NTTP 3-22.7-Type, Model, Series Classified Non-Releasable Tactical Employment Manual.

Note: Platforms may not require all products.

(3) The intent of the air NTTP program is to review each air NTTP volume as required, not to exceed a 24-month cycle. The conference delegates (subject matter experts from fleet squadrons) determine the content of the volume. Goals and procedures are detailed in air NTTP Program Management Guide.

c. The NATIP Program is managed by Commander, Naval Air Systems Command, Airworthiness Office (NAVAIRSYSCOM, AIR-4.0P), and produces a series of permanent flight clearance products which comprise critical technical data and limitations required for safe and effective employment of aircraft weapon and mission systems. NATIP take the form of Navy tactical reference publications (NTRP) which are the primary technical references upon which air NTTP is developed. NATIP also include computational products (e.g., executable programs, mission, or weaponeering planning software) that derive their limits from NTRP, interim flight clearances (IFC), NATOPS, flight restrictions, employment, and safety-of-flight envelopes. Any product that is intended for fleet use in lieu of an NTRP or other flight clearance must be approved by AIR-4.0P.

(1) NATIP and NTRP are developed and published by NAVAIRSYSCOM and are available electronically. COMNAVWARDEVCOM, per reference (b), will link to the applicable NTRP.

(2) To distinguish between classified and unclassified manuals, the NATIP and NTRP series should be numbered as listed in subparagraphs 4c(2)(a) and 4c(2)(b).
(a) NTRP 3-22.2- Type, Model, Series Classified NATIP.

(b) NTRP 3-22.4- Type, Model, Series Unclassified NATIP.

Note: Platforms may not require all products.

(3) The intent of the NATIP Program is to update the NTRP on an as needed basis, thereby eliminating the need to issue IFCs to the fleet that contains NATIP content. To accomplish this goal, there is no requirement to adhere to an NTRP update schedule or conference review process. Instead, as acquisition programs, airframe and weapon changes, and other need-based events occur, the NATIP NTRP will be updated and electronically republished on an as needed basis. Program resource prioritization and treatment of permanent flight clearances (NATIP NTRP and NATOPS) as the primary fleet flight clearance products over IFCs is critical to the success of the program. NAVAIRSYSCOM may participate in the air NTTP review process to solicit operator inputs for NATIP NTRP updates. Goals and procedures for NATIP NTRP updates are detailed in the NATIP Program Management Guide.

d. All air NTTP and NATIP NTRP publications are digital media primarily accessed on unclassified but sensitive Internet protocol router network or Secret Internet Protocol Router Network with limited compact disk-read only memory distribution. Paper distribution is by exception only and typically for tactical pocket guides (NTTP 3-22). Exceptions will require a waiver approved by the applicable NATIP or air NTTP program manager.

5. Responsibilities

a. Office of the Chief of Naval Operations, Director, Air Warfare (OPNAV (N98))

   (1) OPNAV N98 is responsible for the overall air NTTP and NATIP programs. OPNAV Aviation Training Branch (N980T) is designated as program administrator.

   (2) Provide funding for development and sustainment of the air NTTP and NATIP programs.

   (3) OPNAV N98 will resolve conflicts between this instruction and established COMNAVWARDEVCOM and Marine Corps Combat Development Command (MCCDC) doctrine development procedures.
b. NAVAVNWARDEVCEN

(1) NAVAVNWARDEVCEN is designated as air NTTP program manager and is responsible to OPNAV N98 to:

   (a) Assign primary review authority (PRA) responsibilities to applicable organizations.

   (b) Manage the air NTTP process for all Navy and Marine Corps aviation communities to ensure that air NTTP publications are pertinent, accurate, current, and support existing Navy and Marine Corps joint and allied doctrine. Establish volume and publication size limits based on air NTTP production capacity.

   (c) Administer the review and revision process for each PRA to ensure timely distribution of air NTTP products.

   (d) Provide oversight for air NTTP that may be developed as a result of collaborative efforts across communities.

   (e) Manage the obligation and expenditure of air NTTP funds.

   (f) Appoint an air NTTP coordinator to be responsible to the air NTTP program manager for conference budget and scheduling.

   (g) Coordinate with the NATIP program manager to avoid redundancy and duplication of content in air NTTP and ensure proper division of tactical and technical information.

   (h) Liaise with COMNAVWARDEVCOM and MCCDC to ensure air NTTPs comply with Navy, Marine Corps, joint and allied doctrine.

(2) Act as PRA for air NTTP assigned in the air NTTP program management guide.

c. NAVAIRSYS.COM

(1) AIR-4.0P is designated as NATIP program manager and is responsible to OPNAV N98 to:

   (a) Manage the NATIP program for all Navy and Marine Corps aviation communities to ensure that NATIP NTRPs are accurate, current, relevant, and contain the minimum NATIP NTRP content requirements (defined by the NATIP Program Management Guide).
(b) Apply the airworthiness process per reference (a) to ensure timely approval and release of NATIP NTRP.

(c) Manage the obligation and expenditure of NATIP funds.

(d) Coordinate with the air NTTP program manager to avoid redundancy and duplication of content in NATIP NTRP and ensure proper division of tactical and technical information.

(e) Ensure computational products (e.g., mission planning and weapon planning products) that present flight clearance content are technically accurate when compared to other NAVAIRSYSCOM flight clearance sources, and are safe for fleet use.

(f) Liaise with COMNAVWARDEVCOM and MCCDC to ensure all NATIPs and NTRPs comply with Navy, Marine Corps, joint, and allied doctrine.

(2) Act as PRA for all NATIP NTRPs.

(3) Engineering competencies are responsible for the accuracy and completeness of NATIP products for their specific engineering discipline. Engineering competencies should:

(a) Conduct analysis to provide safety-of-flight data for each type, model, series NATIP product.

(b) Conduct analyses to provide weapon systems employment data for each type, model, series NATIP product.

(c) Ensure all content provided for incorporation into NATIP NTRPs are properly identified and marked with classification portion markings.

(4) Ensure that engineering software developed in support of the NATIP Program is compliant with current Department of Defense (DoD) and Department of the Department of the Navy (DON) software authority.

d. Program Executive Office, Program Manager Aircraft

(1) Coordinate initial product requirements with the air NTTP and NATIP program managers. In general, air NTTP and NATIP NTRP will use research, development, test and evaluation, original equipment manufacturer and operational tactics guide (OTG) source material as documentation upon which to expand.

(2) Ensure NATIP NTRP and NATOPS updates (permanent flight clearances) are prioritized over IFCs as the flight clearance products of primary importance to the fleet.
e. Commander, Operational Test and Evaluation Force (COMOPTEVFOR)

(1) Act as the PRA for publications assigned in the air NTTP Program Management Guide.

(2) Ensure OTGs are developed and produced in a standardized format consistent with air NTTP and NATIP NTRP.

f. Marine Aviation Weapons and Tactics Squadron ONE (MAWTS 1)

(1) Act as PRA for air NTTP assigned in the air NTTP Program Management Guide.

(2) Provide one Marine naval aviator or naval flight officer (O-3 to O-4) air NTTP Marine Corps volume manager. Personnel will be assigned to MAWTS 1, air NTTP Detachment NAS Fallon, and function under the supervision of the air NTTP coordinator.

g. COMNAVWARDEVCOM and MCCDC Doctrine Division

(1) Provide guidance to the PRA, per reference (c), to ensure that air NTTP and NTRP comply with Navy, Marine Corps, joint, and allied doctrine.

(2) Maintain a library of current air NTTPs and NATIP NTRPs.

h. AIR NTTP PRA

(1) The command that is responsible for the content of a specific air NTTP volume.

(2) Oversee assigned publications and comply with the NATIP Program Management Guide.

(3) Designate a model manager who will act as the primary point of contact for all matters relating to the specific aircraft and subject. The PRA may assume the role of model manager or delegate the responsibilities to a subordinate command or unit.

(4) Provide prioritized air NTTP review requirements to the air NTTP coordinator.

6. Proposed Changes. Proposed changes to this instruction will be submitted to OPNAV N98.

7. Action. Compliance with this instruction and enclosure (1) is mandatory for all DON personnel concerned with naval aviation.

8. Records Management. Records created as a result of this instruction, regardless of media and format, must be managed per Secretary of the Navy (SECNAV) Manual 5210.1 of January 2012.
9. **Review and Effective Date.** Per OPNAVINST 5215.17A, OPNAV N98 will review this instruction annually on the anniversary of its effective date to ensure applicability, currency, and consistency with Federal, DoD, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in effect for 5 years unless revised or cancelled in the interim, and will be reissued by the 5-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.

Signed
S. D. CONN
Director, Air Warfare

Releasability and distribution:
This instruction is cleared for public release and is available electronically only via Department of the Navy Issuances Web site, [https://doni.documentservices.dla.mil/](https://doni.documentservices.dla.mil/)