CHIEF OF NAVAL AIR TRAINING

FLIGHT INSTRUCTOR STANDARDIZATION AND TRAINING PROGRAM

2016

CNATRAINST 3710.13H
N7
24 Aug 16

CNATRA INSTRUCTION 3710.13H

Subj: FLIGHT INSTRUCTOR STANDARDIZATION AND TRAINING PROGRAM

Ref: (a) CNATRAINST 1550.61B
       (b) CNATRAINST 1500.4H
       (c) CNATRAINST 1550.6F
       (d) CNATRAINST 3710.40
       (e) CNATRAINST 3740.8M

1. Purpose. To establish a Chief of Naval Air Training (CNATRA) Flight Instructor Standardization and Training (FIST) program, that addresses the qualification, currency, and documentation for flight instructors within the Naval Air Training Command (NATRACOM).

2. Cancellation. CNATRAINST 3710.13G

3. Summary of Revision. Significant changes have been made to this instruction and it should be reviewed in its entirety.

4. Action. Commanders shall implement policy per this instruction to ensure maximum training effectiveness through standardized procedures. Recommendations for changes to this instruction shall be submitted to the Chief of Naval Air Training (CNATRA) (N7).

5. Forms. All forms referenced in this instruction are available on the CNATRA website at:
https://www.cnatra.navy.mil/pubs-forms.asp

D. M. EDGECOMB
Chief of Staff

Distribution:
CNATRA Website
CNATRA SharePoint

SUMMARY OF CHANGES

CHANGE NUMBER	DATE OF CHANGE	CHANGE DESCRIPTION	PAGES AFFECTED/ INITIALS

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APPENDICES

CHAPTER 1

FLIGHT INSTRUCTOR STANDARDIZATION AND TRAINING PROGRAM

100. <u>General</u>. This chapter establishes the policies and requirements of the Chief of Naval Air Training (CNATRA) Flight Instructor Standardization and Training (FIST) program. The FIST is applicable to all Naval Air Training Command (NATRACOM) activities engaged in the flight training of Student Naval Aviators (SNA) and Student Naval Flight Officers (SNFO). The scope of the NATRACOM mission requires a dynamic standardization program to ensure safe and effective training.

101. <u>Responsibilities</u>

    a. <u>Chief of Naval Air Training</u>. Develop, implement, and manage flight training curricula and flight training instructions which are responsive to fleet requirements.

    b. <u>CNATRA Training Officer (N7)</u>. Oversee quality of instructor and student training across the NATRACOM. Schedule and conduct Training Air Wing (TRAWING) standardization inspections per the policies and requirements contained in reference (a). Because the N7 is CNATRA's Assistant Chief of Staff for Training, standardization qualifications and designation letters shall be signed by the TRAWING Commander of the supporting wing and shall be in effect across the T/M/S at all TRAWINGS in CNATRA. This will not alleviate the N7 from completing local area requirements (i.e., course rules lecture and exam).

    c. <u>CNATRA Aviation Training and Standardization Officer (N71)</u>. Monitor and coordinate the CNATRA FIST program and direct the efforts of the CNATRA Pipeline Training Officers as necessary to enhance FIST program effectiveness. Because the N71 is CNATRA's Chief Standardization Officer, N71 should be "S" qualified in all stages of training to the maximum extent possible. N71's standardization qualifications and designation letters shall be signed by the TRAWING Commander of the supporting wing and shall be in effect across the T/M/S at all TRAWINGS in CNATRA. This will not alleviate the N71 from completing local area requirements (i.e., course rules lecture and exam).

d. <u>CNATRA Pipeline Training Officers (PTO)</u>. CNATRA PTO billets are key positions requiring fleet and NATRACOM experienced Naval Aviators (NA) and Naval Flight Officers (NFO) assigned to the CNATRA staff under the direction of N7. PTOs serve as the Chief Standardization Instructors for their particular pipeline. As CNATRA recognizes the PTO as the principal curriculum expert for that phase of training, PTO standardization qualifications and designation letters are to be signed by the TRAWING Commander of the supporting wing and shall be in effect across the T/M/S at all TRAWINGS in CNATRA. This will not alleviate the PTO from completing local area requirements (i.e., course rules lecture and exam). Given the nature of the position, PTOs should be "S" qualified in all stages of training to the maximum extent possible. Each PTO will routinely fly with TRAWING and squadron standardization instructors. CNATRA PTOs are authorized to schedule a standardization check, NATOPS check, or other instructional event for which they are qualified, with any TRAWING or squadron instructor pilot within their phase of training at any time to ensure standardized instruction and adherence to all training curriculum requirements. The CNATRA PTOs shall assist CNATRA N71 in monitoring the FIST program to ensure an effective and viable program, and shall:

(1) Manage the CNATRA standardization program for their respective training phase according to the following staff codes, billet titles, and associated aircraft:

CODE	BILLET TITLE	AIRCRAFT
N711	Primary/Intermediate/MCS NFO PTO	T-6A, MCS
N712	Advanced Strike Fighter NFO PTO	T-45C
N713	Advanced Multi-engine PTO	T-44C, TC-12B
	Intermediate E-2/C-2 PTO	
N714	Advanced Rotary PTO	TH-57B/C
	Intermediate Tiltrotor PTO	TH-57B/C
N715	Intermediate Jet PTO	T-45C
	Advanced E-2/C-2 PTO	T-45C
	Advanced Strike PTO	T-45C
N716	Primary PTO	T-6B
N718	Instrument Flight PTO	Various

(2) Make quarterly standardization visits to their respective TRAWINGs and squadrons. In doing so, they will routinely meet with the TRAWING Commanders, squadron COs, and

Standardization Officers to solicit feedback and discuss current NATRACOM curricula and policies.

(3) Each N7 staff PTO, as the Chief Standardization Instructor for his/her Pipeline, shall be afforded every opportunity to maintain all flight currency requirements and instructional proficiency within his/her pipeline at all TRAWINGS that fly their respective T/M/S.

(4) Fly with Standardization Officers, instructors, and students to ensure the entire program is functioning properly, and flight instruction is standardized throughout the NATRACOM. The PTOs shall also monitor simulator flights, academic events, and flight support lectures.

(5) Manage the instructor training curricula for their pipeline.

(6) Coordinate and process inputs from Curriculum Coordinators (CC) and Stage Managers (SM).

(7) Request and process inputs from FRSs and other CNATRA PTOs to ensure continuity of instructor training and consistency across pipelines.

(8) Additional responsibilities specific to CNATRA PTO assignments and duties are listed in reference (c).

e. CNATRA Stage Managers. Each SM shall be nominated by the TRAWING Commander and designated by CNATRA N7 as the Subject Matter Expert (SME) for their assigned stage, across all applicable instructor and student curricula. Specific CNATRA stage manager assignments and additional duties are listed in reference (c). The SM designation resides with CNATRA N7. To prevent confusion between designated CNATRA Stage Managers and squadron SME's, individual squadrons shall not use the nomenclature Stage Manager to describe a stage-specific SME within the squadron.

f. Training Air Wing Commanders

(1) Establish and monitor a TRAWING FIST program. Ensure compliance with this instruction and appropriate training curricula.

(2) Establish an Instructor Under Training (IUT) program that provides qualified instructors to the training squadrons. This TRAWING-monitored program may consist of an Instructor Training Unit (ITU), an IUT program within a squadron, or a combination of the two.

(3) TRAWING Commanders may delegate IP upgrade training to the squadron level utilizing squadron or Wing designated standardization instructors, PTOs, or applicable CNATRA Stage Managers.

(4) Ensure CNATRA SMs carry out their responsibilities for all facets of instructor and student curricula as outlined in reference (c).

(5) Maintain copies of all current stage standardization tests.

(6) Ensure TRAWING Standardization Officer conducts at least one standardization check annually in any stage on each squadron Standardization Officer. TRAWING Standardization Officers shall also conduct standardization checks on each contract simulator Stan Instructor per the current government contract. Due to the nature of the TRAWING Standardization Officer's position, they should be standardization qualified in all stages of training to the maximum extent possible.

(7) Ensure TRAWING Standardization Officer periodically conducts standardization assist visits to subordinate activities throughout the TRAWING. Where IUT training has been delegated to the squadron level, these TRAWING Standardization Officer visits shall focus on quality, adherence to directives, and adherence to IUT time-to-train goals.

(8) Ensure all flight, academic, and special device training are conducted per the approved curricula.

(9) Ensure the administrative procedures associated with grading and attrition practices are closely monitored and uniformly applied by subordinate activities.

(10) Convene TRAWING Standardization Boards as required (no less than quarterly) to promote standardization among subordinate activities. A copy of the minutes shall be electronically forwarded to the appropriate CNATRA PTO. At a

minimum, the squadron Standardization Board shall consist of the Operations Officer, Standardization Officer, Safety Officer, a TRAWING standardization representative (if available), and a Contract Instructor (CI). TRAWING Commanders shall ensure that CIs are kept informed of all changes to the Standardization and NATOPS programs.

(11) Designate in writing one person to serve as the Training Publications Officer whose responsibility shall be to:

(a) Track Particular to Aviation Training Publication (PAT PUB) usage in the ITU, squadrons, and training department.

(b) Coordinate the ordering and distribution of PAT PUBs.

(12) Monitor all aspects of instructor qualifications to ensure compliance with curriculum requirements and the requirements established by this instruction.

(13) Designate in writing all newly qualified flight instructors.

(14) Provide a Functional Check Flight (FCF) pilot training program and designate FCF pilots in writing. The authority to designate FCF pilots within the NATRACOM may be delegated to squadron Commanding Officers by TRAWING Commanders.

(15) Review course rules annually and make modifications as required to locally written in-flight guides, course rules lectures, and examinations.

(16) Generate a local course rules written examination for each aircraft type within the TRAWING and administer to all students and IUTs in conjunction with their individual course rules lecture. Thereafter, each designated flight instructor shall take this course rules examination annually.

(17) Maintain a current standardization library (paper or electronic) which includes:

(a) Appropriate NATOPS flight manuals.

(b) OPNAVINST 3710.7 series.

(c) Standardization Officer turnover file.

(d) Student and IUT Master Curriculum Guides (MCG).

(e) A complete set of applicable PAT PUBs.

(f) Locally prepared briefing guides, in-flight guides, and maneuver descriptions as appropriate.

(g) Standardization notes currently in effect.

(h) TRAWING and Squadron Standard Operating Procedures (SOP).

(i) Naval Air Station Air Operations Manual and Letters of Agreement.

(j) CNATRAINST 1500.4 series.

(k) CNATRAINST 1550.6 series.

(l) CNATRAINST 3710.13 series.

(m) Copy of the most recent CNATRA standardization inspection results.

(18) Support CNATRA staff on DIFOPS orders by affording every opportunity to maintain all flight currency requirements and instructional proficiency within his/her pipeline at TRAWINGS that fly their respective T/M/S.

g. Training Squadron Commanding Officers (CO)

(1) Determine which stages of instruction each instructor will fly.

(2) If authority is delegated from the TRAWING Commander, maintain an IUT program to produce standardized instructors for the squadron.

(3) Maintain a vigorous and continuing standardization program.

(4) Implement a flight lead training program and designate in writing all Section and Division Leaders. Particular attention shall be given to previously non-designated formation leaders.

(5) Designate the most qualified flight instructors to become squadron Standardization Instructors ("S" designated).

(6) Designate an overall squadron Standardization Officer. The squadron Standardization Officer should normally serve in that position for at least one year.

(7) Following completion of the IUT syllabus, ensure the Standardization Officer maintains Flight Instructor Standardization and Training (FIST) jackets in accordance with Appendix B.

(8) Ensure strict adherence to all approved curricula and associated publications by instructors and students.

(9) Maintain a current standardization library (paper or electronic) which includes:

(a) Appropriate NATOPS flight manuals.

(b) OPNAVINST 3710.7 series.

(c) Standardization Officer turnover file.

(d) Student and IUT MCGs.

(e) A complete set of applicable PAT PUBS.

(f) Locally prepared briefing guides, in-flight guides, and maneuver descriptions as appropriate.

(g) Standardization notes currently in effect.

(h) TRAWING and Squadron SOPs.

(i) Naval Air Station Air Operations Manual and Letters of Agreement.

(j) CNATRAINST 1500.4 series.

(k) CNATRAINST 1550.6 series.

(l) CNATRAINST 3710.13 series.

(m) Copy of the most recent CNATRA standardization inspection results.

(10) Convene the squadron Standardization Board as required (no less than quarterly) to promote standardization and training effectiveness. At a minimum, the squadron Standardization Board shall consist of the Operations Officer, Standardization Officer, Safety Officer, a TRAWING standardization representative (if available), and a CI. The CO shall ensure that CIs are kept informed of all discussions and possible changes to the Standardization and NATOPS programs.

102. Instructor Qualification Requirements

   a. Each prospective flight instructor shall complete the following prior to designation as a flight instructor:

      (1) Appropriate TRAWING IUT program.

      (2) Appropriate Naval Aviation Survival Training Program qualifications.

      (3) Flight Instructor Training Course (FITC)

      (3) Instrument qualification.

      (4) NATOPS qualification.

      (5) Appropriate ORM course(s) on Navy e-learning (or equivalent).

      (6) Additional pipeline specific training may be required (ROBD, centrifuge, etc.).

   b. The IUT curriculum may be condensed by the TRAWING Commander (per specific curriculum instructions) if the IUT previously completed a NATRACOM instructor tour. The curriculum shall take into account previous instructor qualifications and should be tailored based on performance in the IUT syllabus. In all cases the previously designated NATRACOM IUT shall attend FITC Day 3 at their respective Wing.

c. Flight instructors with previous NATRACOM instructor experience, having flown an instructional sortie within the past 365 days, may validate any previously designated stage of training with completion of a standardization exam, checkride, and TRAWING Commander's written approval. Waiver of individual IUT events shall reside with the TRAWING Commander on a case by case basis.

d. Successful completion of an IUT formation syllabus does not qualify the IUT as a NATRACOM section or division lead. Section and division lead designations are made in writing by the squadron Commanding Officer.

e. Stage qualification requirements are outlined in Appendix A.

f. All initial qualification, re-qualification, and annual standardization check events shall be conducted by an "S" qualified standardization instructor. To achieve and maintain qualification, each flight instructor shall:

(1) Fly one instructional flight per qualified stage every 90 days (unless extended by Appendix A) or lose stage qualification.

(2) A check flight shall be administered to the instructor on or before the last day of the anniversary month of designation in that stage.

(3) Successfully complete a standardization exam for initial qualification or re-qualification. The requirement for annual stage standardization exams shall be at the discretion of each TRAWING.

(4) Stage currency is based on flight or simulator currency and not on the date of a standardization exam.

(5) Medically grounded flight instructors may continue to present flight support lectures in all qualified stages if their annual stage currency has not expired and they present the lecture at least once every 90 days. Should either 90-day or annual lecture currency expire, the instructor shall complete a written stage examination followed by a lecture standardization

check administered by a Standardization Instructor in that particular stage.

g. A qualified instructor who fails a check flight may be allowed 30 days to re-qualify. Any flight instructor in this situation shall not instruct in that stage until a satisfactory grade is obtained. If after 30 days the instructor fails to re-qualify due to unsatisfactory performance, they shall be referred to the CO for appropriate action.

h. An IUT who receives an event grade of unsatisfactory during any portion of instructor training shall receive additional instruction as deemed appropriate by the Squadron CO or ITU Officer in Charge (OIC), depending on the type of IUT training. All additional training shall be documented on ATFs. If the instructor continues to display substandard performance, the instructor shall be referred to the TRAWING Commander for appropriate action.

i. Annual flight instructor standardization check flights should include pertinent NATOPS procedures (e.g., systems malfunctions, power plant failures, instrument and normal operating procedures).

j. No portion of the IUT syllabus may be waived for a Selectively Retained Graduate (SERGRAD). However, the TRAWING Commander may waive portions of the NATOPS syllabus for SERGRADs.

k. New flight or simulator instructors shall not conduct instructional events until designated as an instructor in writing by the TRAWING Commander.

103. <u>Revoking Flight Instructor Qualification</u>. When a flight instructor is experiencing medical, administrative or safety problems that call into question their ability to conduct training, the instructor shall be removed from flight instructor duties until the matter can be investigated and mitigated to the CO's satisfaction. The instructor will be scheduled to fly only after the CO has determined that the instructor can safely conduct flight instructor duties.

104. <u>Selected Reserve Flight Instructor (SRFI) Program</u>. Special requirements concerning SRFIs may be found in reference (e).

105. <u>Curriculum Model Manager (CMM) Assignments</u>.
Curriculum Model Managers are assigned by CNATRA per reference
(c), which also delineates specific CMM responsibilities.

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CHAPTER 2

INSTRUCTOR UNDER TRAINING PROGRAM

200. <u>General</u>. This chapter sets forth CNATRA policy governing the operation of all TRAWING and Squadron IUT programs. It is imperative that all prospective flight instructors receive their NATOPS qualification and instructor designation in a standardized manner.

201. <u>Program</u>. Each TRAWING Commander is charged with establishing an instructor training program within their TRAWING. This may include the use of an ITU, a squadron IUT program, or a combination of the two.

    a. <u>Training Time Out</u>. In any situation when an IUT, or the flight instructor providing the training, expresses concern for personal safety or a need to clarify procedures or requirements, they shall call a Training Time Out (TTO). Training shall immediately cease and will not resume until the situation or condition is returned to a safe state.

    b. <u>Drop on Request (DOR)</u>. If an IUT desires to quit or Drop on Request (DOR), the IUT need only make such intentions known. The IUT shall be expeditiously removed from the training environment and the matter referred to the squadron CO or ITU OIC for further action.

202. <u>Responsibilities of the Instructor Training Unit (ITU)</u>

    a. <u>TRAWING Commander</u>. The TRAWING Commander shall ensure the ITU program is comprised of highly qualified and highly motivated standardization instructors. The unit's operational and administrative requirements will be supported by the TRAWING staff. The ITU instructor's primary duty is instruction and standardization of prospective flight instructors. To meet surge requirements, TRAWING and squadron standardization instructors may be used as required.

    b. <u>ITU Officer in Charge</u>

        (1) Be either an O-4 or O-5 appointed by the TRAWING Commander.

(2) Ensure appropriate instructor Aviation Training Forms (ATFs) are completed and maintained for all IUTs. These shall be filed in the IUT's FIST jacket as outlined in Appendix B. After completion of the basic IUT syllabus, IUT FIST jackets will be transferred to the squadron Standardization Officer for maintenance.

(3) Ensure compliance with IUT curricula.

(4) Create, publish, authorize, and execute a daily flight schedule in accordance with governing regulations and instructions as delegated by the TRAWING Commander.

(5) Determine training requirements, obtain class quotas, and coordinate training events as necessary for IUTs.

(6) Coordinate with the TRAWING Commander and Squadron COs to ensure adequate numbers of "S" qualified IUT instructors are available to meet expected IUT loading.

(7) Ensure Master Curriculum Guide IUT time-to-train goals are met.

(8) Possess rank, experience, and reputation sufficient to permit resource exchange and resource utilization collaboration with training squadron COs and facilities leadership.

(9) Provide retain/attrite recommendations to the TRAWING Commander, via the IUT's CO.

(10) Ensure Associate instructor candidates have sufficient time on station remaining to justify training/transition expense.

(11) Interview IUTs upon ITU check-in and assess for special training needs caused by a non-flying assignment immediately prior to ITU assignment or by uncommon/non-traditional career path or operational flight experiences.

(12) Ensure individual IUTs are exposed to all commonly encountered special use airspace, military outlying fields, civilian airports, and local divert airfields.

c. ITU Instructors

(1) All ITU instructors shall be "S" designated.

(2) Conduct instructor training in accordance with the applicable curriculum and reference (a).

(3) Conduct instructor standardization check flights at the training squadrons as workload permits.

(4) Conduct SNA or SNFO syllabus events as workload permits.

203. Responsibilities of the Squadron IUT Program

a. Training Squadron Commanding Officers

(1) Ensure that the squadron IUT program is comprised of highly qualified and highly motivated "S" designated standardization instructors.

(2) Determine training requirements, obtain class quotas, and coordinate training events as necessary for IUTs.

(3) Create and maintain the IUT FIST jackets.

(4) Ensure adequate numbers of qualified standardization instructors are available to meet expected IUT loading.

(5) Ensure Master Curriculum Guide IUT time-to-train goals are met.

b. Training Squadron Standardization Instructors

(1) Conduct instructor training in accordance with the applicable curriculum and reference (a).

(2) Conduct instructor standardization check flights.

(3) Conduct SNA or SNFO syllabus events at least quarterly in stage

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CHAPTER 3

RECURRING EMERGENCY PROCEDURES AND OCF TRAINING

300. General. This chapter amplifies the provisions of reference (d).

301. Additional Training Requirements

   a. Annual Emergency Procedure Trainer

      (1) Every NATOPS qualified NATRACOM NA, NFO, and air crewmember in a flying status shall complete an annual emergency procedures trainer.

      (2) The annual trainer shall be completed in the sixth month (±1 month) after the initial and each subsequent annual NATOPS evaluation and shall include both normal and emergency procedures.

      (3) This requirement may be satisfied using an Operational Flight Trainer (OFT), Weapons System Trainer (WST), Cockpit Procedure Trainer (CPT), or aircraft cockpit.

      (4) In the event individual commands require more frequent procedural training, these trainers may be spaced evenly through the year and not necessarily six months after the annual NATOPS evaluation.

   b. Semi-annual T-6A/B Out-of-Control Flight (OCF) Training

      (1) Every NATRACOM T-6A/B pilot in a flying status shall complete semi-annual OCF training to include satisfactory flight demonstration of OCF prevention, recognition, and recovery procedures.

      (2) This additional semi-annual training shall be completed in the sixth month (±1 month) after the initial and each subsequent annual NATOPS evaluation.

      (3) In the event individual commands require more frequent OCF training than twice per year, these flights may be spaced evenly through the year and not necessarily six months after the annual NATOPS evaluation.

(4) OCF ("S" or "Q"), NATOPS instructor, and assistant NATOPS instructor pilots are exempt from the semi-annual OCF flight requirement due to their habitual exposure to the OCF flight regime. The OCF portion of the annual NATOPS evaluation flight is still required in accordance with applicable directives.

(5) Both the annual NATOPS and the annual OCF flight shall include at a minimum: High Speed Spiral demonstration, Inverted Flight, Progressive Spin, Controls Neutral Recovery Spin, and Approach Turn Stall (at idle power).

APPENDIX A

QUALIFICATION MATRIX AND INSTRUCTIONAL LIMITATIONS

1. General

    a. CNATRA N7, N71, PTOs, SMs, and TRAWING Standardization
Officers shall be authorized to instruct in all subordinate
units in all stages for which qualified and should be "S"
qualified in all stages for which qualified. Such flights will
be coordinated in advance and conducted IAW local SOPs.

    b. CNATRA N7, N71, and PTOs shall have their qualifications
and designation letters signed by the TRAWING Commander of the
supporting wing and shall be in effect across the T/M/S at all
TRAWINGS in CNATRA. This will not alleviate these individuals
from completing local area requirements (i.e., course rules
lecture and exam). Additionally, standardization qualifications
and designations are valid for the duration of their tour and
they will not require an annual standardization check in any
stage for which they are qualified.

    b. CNATRA N7, each TRAWING, all squadrons, and all ITUs
shall monitor instructor standardization qualifications by
maintaining the Qualification Matrix (QM) within TIMS
Qualification Manager. CNATRA and TRAWING instructor
qualifications may be integrated into squadron level QMs.
TRAWING Commanders and squadron COs may encourage the
combination of instructor pilot standardization re-qualification
flights whenever practical. The suggested combinations for each
phase are contained within the guidelines sections of this
appendix.

    c. Certain qualifications require CO designation by
separate letter. These qualifications include, but are not
limited to, Final Progress Check (xx89) evaluator (when neither
CO nor XO are qualified or available to instruct in the required
stage), Initial Progress Check (xx88) evaluator, section lead,
and division lead.

   d. Qualification Matrices

      (1) "S" Standardization Instructor. May conduct student or IUT syllabus events for that particular stage of training. This includes all student check flights (xx90), ETs (xx87), and IUT/IP check flights.

      (2) "X" Check Instructor. May conduct student syllabus events for that particular stage of training including student check flights (xx90), ETs (xx87), and Safe for Solo events.

      (3) "Q" Stage Instructor. May conduct student syllabus events for that particular stage excluding stage check flights (unless otherwise delineated in the applicable CNATRAINST 1542.XXX). This includes all End of Block flights, as they are not considered check flights (xx90).

      (4) "I" Instructor Under Training (IUT). Designated NA/NFO undergoing initial or upgrade training in a specific stage or qualification.

      (5) "E" Expired. Any stage qualification which has lapsed because of failure to meet 90-day currency or annual standardization check flight criteria.

      (6) "D" NATOPS Instrument Check Pilot. Designated as a member of the unit's Instrument Flight Board.

      (7) Per OPNAVINST 3710.7U, instructors qualified to perform NATOPS evaluation checks shall be designated in writing by the respective CO or TRAWING Commander and will use the following codes:

         a. "NE" NATOPS Evaluator

         b. "NI" NATOPS Instructor

         c. "ANI" Assistant NATOPS Instructor

      (8) "D" Functional Check Pilot (FCP). FCPs shall be designated in writing by the respective CO or TRAWING Commander.

      (9) "D" Section/Division Lead. Section and Division Leaders shall be designated in writing by the respective CO or TRAWING Commander.

(10) <u>NATOPS syllabus</u>. Only instructors designated "S" in a particular stage may conduct NATOPS syllabus events that correlate with that stage of training. While "S" instructors are required to fly a NATOPS syllabus event, focus on the event should be on the safe and proper operation of the aircraft in accordance with the NATOPS manual, rather than instructional technique.

(11) Per COMNAVAIRFORINST 1542.7A, CRM Facilitators and Instructors shall be designated in writing by the respective CO, TRAWING Commander, or CNATRA, and shall use the following codes:

    a. "CI" CRM Instructor

    b. "CF" CRM Facilitator

(12) <u>"D" Operations/Flight Duty Officer (ODO/FDO)</u>. ODOs and FDOs shall be designated in writing by the respective CO.

(13) <u>"D" Runway Duty Officer (RDO)</u>. RDOs shall be designated in writing by the respective CO.

2. <u>Primary Pilot (T-6B) Qualification Guidelines</u>

    a. Authorized OCF training shall be accomplished by qualified OCF instructors only. Intentional spins may be conducted by all qualified Instructor Pilots and FCPs.

    b. NIs/ANIs may conduct any NATOPS syllabus event. DCON "S" instructors may conduct Q4101-Q4104 and Q4203-Q4204 flights. Instrument "S" instructors or designated instrument check pilots may conduct the Q4201-2 flights.

    c. Designation as a T-6B NI/ANI requires the instructor to be a qualified OCF instructor.

    d. The chart below delineates which standardization flights or 90-day requirements are validated by other stages.

e. NATOPS events which correlate to a certain stage may be used to update that stage for 90-day purposes.

FLIGHT FLOWN	UPDATES 90-DAY CURRENCY IN	CAN BE USED TO STAN CHECK	NOTES
INAV	INAV	INST-X	1,6
INST-X	INAV	INAV	1,6
DCON	DCON	NATOPS-X	2
NATOPS-X	DCON, OCF	DCON	2,6
NCON	NCON	N/A	3
VNAV(night)	NCON	N/A	4
LL	LL	N/A	NONE
FORM	FORM	FORM	5
TFORM	TFORM, FORM	FORM	5
DCON(OCF)	OCF, DCON	N/A	7

NOTE 1: With the exception of initial Instrument Qualification, Instrument Standardization check flights may coincide with annual NATOPS Instrument evaluation flights. Evaluator must be a designated member of unit's Instrument Flight Board to give annual NATOPS instrument evaluations as well as Standardization (STAN) qualified in the instrument stage.

NOTE 2: Contact Standardization check flights may coincide with annual NATOPS evaluation flights if both events are permitted from the same cockpit. Evaluator must be a designated NI/ANI and STAN qualified in the Contact stage.

NOTE 3: Night Contact stage requires only initial in-flight Qualification and maintenance of 90-day currency in Night Contact and Day Contact. A Night Visual Navigation flight shall update the Night Contact 90-day currency. Night Contact 90-day currency may also be maintained by conducting a rear-cockpit night landing while instructing any stage of flight with proper annotation on the flight record. Failure to maintain 90-day currency in the Night Contact stage requires an in-flight re-qualification with a Night Contact "S" qualified instructor. A delinquent Night Contact qualification also prevents the IP from flying a Night Visual Navigation event until the in-flight re-qualification is completed.

NOTE 4:   Visual Navigation stage only requires an initial
          in- flight qualification. Following initial
          qualification, the requirement for one Visual
          Navigation flight each 90 days does not apply. A Night
          Visual Navigation flight shall update the Night Contact
          90-day currency.

NOTE 5:   Unless currency has lapsed, multi-plane events do not
          require that the "S" instructor fly in the same
          aircraft as IUT receiving the standardization check.

NOTE 6:   May be flown in a simulator with a qualified evaluator
          present.

NOTE 7:   C4301-3, C4701, C4890, and Q4390 are considered
          OCF events for the purpose of OCF currency.

3. Advanced Multi-Engine and Intermediate E-2/C-2 (T-44C)
Qualification Guidelines

    a. The chart below delineates which standardization flights
or 90-day requirements are validated by other stages.

    b. NATOPS events which correlate to a certain stage may be
used to update that stage for 90-day purposes.

FLIGHT FLOWN	UPDATES 90-DAY CURRENCY IN	CAN BE USED TO STAN CHECK	NOTES
INSTRUMENT	INSTRUMENT	INSTRUMENT	N/A
INSTRUMENT-X	INSTRUMENT	INSTRUMENT	1
CONTACT	CONTACT	CONTACT	2
NATOPS-X	CONTACT	CONTACT	3
FORMATION	FORMATION	FORMATION	4
ONAV	ONAV	ONAV	N/A
LLNAV	LLNAV	LLNAV	N/A
SAR	SAR	SAR	N/A
TACFORM	TACFORM, LLNAV	TACFORM, LLNAV	4
LAT	LAT, LLNAV	LAT, LLNAV	4,5

NOTE 1:   Instrument Standardization check flights may coincide with annual NATOPS Instrument evaluation flights. Stan evaluator must be STAN qualified in the instrument stage. NATOPS Instrument evaluator must be a member of the unit's Instrument Flight Board. Instrument check and Instrument Stan Check may be flown in the simulator.

NOTE 2:   Night Contact is a subset of the Contact stage and only requires an initial in-flight exposure during the Contact stage upgrade qualification. Following initial qualification, the requirement for one Contact flight each 90 days is all that applies. Standardization Exams in the Night Contact subset will still be required annually.

NOTE 3:   Contact Standardization check flights may coincide with the annual NATOPS evaluation flights. Stan evaluator must be a STAN qualified in the Contact stage. NATOPS evaluator must be designated NI/ANI.

NOTE 4:   Unless currency has lapsed, multi-plane events do not require that the "S" instructor fly in the same aircraft as the instructor receiving the standardization check.

NOTE 5:   Upon implementation of CNATRAINST 1542.168, the LAT block will be renamed "TILT TACFORM"

4. Intermediate Jet (T-45C), Advanced Strike (T-45C), and Advanced E-2/C-2 (T-45C) Qualification Guidelines

    a. The chart below delineates which standardization flights or 90-day requirements are validated by other stages.

    b. NATOPS events which correlate to a certain stage may be used to update that stage for 90-day purposes.

FLIGHT FLOWN	UPDATES 90-DAY CURRENCY IN	CAN BE USED TO STAN CHECK	NOTES
BI	BI, RI, AN, IR	BI	4
RI	BI, RI, AN, IR	BI, RI	4
AN	BI, RI, AN, IR	BI, RI, AN, IR	1,4
IR	BI, RI, AN, IR	BI, RI, AN, IR	1,4
INST-X	BI, RI, AN, IR	BI, RI, AN, IR	1,4
FAM	FAM, CQ DEMO	FAM	4
NATOPS-X	FAM	FAM	2,4
FRM	FRM	FRM	3
DIV	DIV & FRM	DIV & FRM	3
NFM	NFM, NCHASE	NFM, NCHASE	4,8
NFR	NFM, NFR, FRM	NFM, NFR, FRM	3
NCHASE	NCHASE, NFM	NCHASE, NFM	8
OCF	OCF	OCF	4
TAC	TAC, FRM	TAC	3,7
BFM	BFM, TAC, FRM	BFM, TAC	3,7
SEM	SEM, BFM, TAC, DIV & FRM	SEM, BFM, TAC	3,7
ON	ON	ON	5
SLL	SLL, ON, FRM, TAC	SLL, ON	3,7
RR	RR, SLL, ON, FRM, TAC	RR, SLL, ON	3,7
STK	STK, DIV & FRM	STK	3,7
CQ DEMO	CQ DEMO, FAM	CQ DEMO	6
CQLDSF	CQLDSF, DIV & FRM	CQLDSF	3,6,7

NOTE 1: Instrument Standardization check flights may coincide
         with annual NATOPS Instrument check flights and
         annual Crew Resource Management (CRM) flights.
         Evaluator must be a designated member of unit's
         Instrument Flight Board to give annual NATOPS
         instrument evaluations (or SNA IR4290) as well
         as STAN qualified in the instrument stage.

NOTE 2: FAM Standardization check flights may coincide with
         the annual NATOPS evaluation flights. The evaluator
         must be a designated NI/ANI and STAN qualified in the
         FAM stage.

NOTE 3:   With the exception of initial qualification or unless
          currency has lapsed, multi-plane events do not require
          that the "S" instructor fly in the same aircraft as the
          IP receiving standardization check.

NOTE 4:   May be flown in a simulator. Initial OCF qualification
          shall be flown in the jet. BFM 4101 will update OCF
          currency as well as BFM currency.

NOTE 5:   ON requires 180 currency.

NOTE 6:   CQLDSF flights require currency every 180 days. The CQ
          DEMO qualification shall be granted upon completion of
          the CQ-8X, and this qualification shall not expire
          for the duration of an instructor's tour. FCL Field
          Safe for Solo, and CQL Field Safe for Solo events shall
          be flown by CQ DEMO qualified instructors.

NOTE 7:   Section Lead and Division Lead designations are outside
          of this qualification matrix; they are not tied to
          instructional stages. Ability to lead instructional
          sorties is governed by currency in each particular
          stage. For example, an IP must be both a Division Lead
          and current in SEM to lead an SEM event, but need not
          be current in FRM or DIV.

NOTE 8:   NFM / NCHASE only require 180 currency.

5. Advanced Rotary and Intermediate Tiltrotor (TH-57B/C)
Qualification Guidelines

    a. Basic IUT requires NATOPS qualification in the TH-57B
and training in both the TH57B/C.

    b. The chart below delineates which standardization flights
or 90-day requirements are validated by other stages.

    c. NATOPS events which correlate to a certain stage may be
used to update that stage for 90-day purposes.

FLIGHT FLOWN	UPDATES 90-DAY CURRENCY IN	CAN BE USED TO STAN CHECK	NOTES
CON "B"	CON "B"	N/A	4
NATOPS-X	CON "B", CON "C"	CON "B"	1,4
TAC	TAC, CON "B"	N/A	2,4
CON "C"	CON "C",	N/A	NONE
INST	INST, CON "C"	N/A	NONE
INST-X	INST, CON "C"	INST	3
NAV	CON "C"	N/A	2,4
FORM	FORM, CON "C"	N/A	2
SHIP/SAR	SHIP/SAR, CON "C"	N/A	2
NVD	NVD, CON "C"	N/A	4

NOTE 1:   Contact "B" standardization check flights may coincide
with annual NATOPS evaluation flights. Evaluator shall
be a designated NI/ANI and STAN qualified in the
Contact "B" stage.

NOTE 2:   The Tactical, Navigation, Formation and Ship/SAR
stages require only initial in-flight qualifications,
but no annual standardization check. Standardization
exams for these stages shall be required annually.

NOTE 3:   Instrument Standardization check flights may coincide
with annual NATOPS Instrument evaluations. Evaluator
shall be a designated member of the unit's Instrument
Flight Board to give annual NATOPS instrument
evaluations, as well as STAN qualified in the
Instrument stage.

NOTE 4:   Contact "B" currency is 21 days and NVD currency is 45
Days. After initial qualification, there is no
currency requirement for Navigation stage.

6. Naval Flight Officer Phases. The stages defined here for
NFO training are for the purpose of instructor standardization.

    a. Primary and Intermediate NFO (T-6A) Qualification
Guidelines

        (1) Intentional high speed spiral demonstrations,
controls neutral recovery (to match paragraph 301) spins,
progressive spins and aggravated approach turn stalls shall be
instructed and accomplished by qualified OCF instructors.

(2) Before designation as a T-6A NI/ANI or DCON "S",
instructor pilots must be currently qualified OCF instructors.

(3) Before designation as a T-6A FCP, pilots must have
satisfactorily completed the OCF upgrade syllabus.

(4) The chart below delineates which standardization
flights or 90-day requirements are validated by other stages.

(5) NATOPS events which correlate to a certain stage may
be used to update that stage for 90-day purposes.

FLIGHT FLOWN	UPDATES 90-DAY CURRENCY IN	CAN BE USED TO STAN CHECK	NOTES
CON (C)	CON	CON	1,2
NATOPS-X	CON	CON	1
INAV (I)	INAV	INAV	3,6
INST-X	INAV	INAV	3,6
VNAV (N)	VNAV	VNAV	NONE
FORM (F)	FORM, VNAV, INAV	FORM	4,5

NOTE 1:   Contact Standardization check flights may coincide with
          annual NATOPS evaluation flights. Evaluator must be a
          designated NI/ANI and CON "S" instructor.

NOTE 2:   Instructor Night currency requirements (pertaining to
          the C42 block) is at the discretion of the TRAWING
          Commander or Squadron CO.

NOTE 3:   Instrument Standardization check flights may coincide
          with annual NATOPS Instrument and annual Crew Resource
          Management (CRM) evaluation flights. Evaluator must
          be a designated member of unit's Instrument Flight
          Board to give annual NATOPS Instrument evaluations, be
          STAN qualified in the INAV Stage, as well as be
          designated as a CRM Instructor or Facilitator.

NOTE 4:   Unless currency has lapsed, multi-plane events do not
          require that the "S" instructor fly in the same
          aircraft as the instructor receiving the
          standardization check.

NOTE 5:   Formation events flying a Military Training Route
          (F44 block) may be used to re-establish the 90-day
          currency for VNAV. Formation events flying a section

instrument event (F42 block) may be used to re-
establish the 90-day currency for INAV.

NOTE 6: May be flown in a simulator.

    b. Advanced NFO (T-45C) Qualification Guidelines

FLIGHT FLOWN	UPDATES 90-DAY CURRENCY IN	CAN BE USED TO STAN CHECK	NOTES
FAM	FAM	FAM	1,2,4
NATOPS-X	FAM	FAM	1,4
STK	STK	STK	3,4
CAS	CAS	CAS	3,4
BFM	BFM	BFM	3
AWI	AWI	AWI	3,4

NOTE 1: FAM Standardization check flights may coincide with
annual NATOPS evaluation flights. Evaluator must be a
designated NI/ANI and FAM "S" instructor.

NOTE 2: FAM Standardization check flights may coincide with
annual NATOPS Instrument evaluation flights. Evaluator must be
a designated member of unit's Instrument Flight Board to give
annual NATOPS instrument evaluations and FAM "S" instructor.

NOTE 3: Unless currency has lapsed, multi-plane events do not
require that the "S" instructor fly in the same aircraft as the
instructor receiving standardization check.

NOTE 4: May be flown in a simulator.

    c. Advanced Maritime Command and Control (MC2) Qualification

FLIGHT FLOWN	UPDATES 90-DAY CURRENCY IN	CAN BE USED TO STAN CHECK	NOTES
CORE (C)	CORE	CORE	1
NAV (N)	NAV	NAV	1
E-2 (E)	E-2	E-2	1
MPR (P)	MPR	MPR	1
E-6 (T)	E-6	E-6	1

NOTE 1: Annual Standardization Check or requalification after a
lapse in 90-day currency shall be performed on a student
syllabus event with a Stan instructor monitoring.

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APPENDIX B

FLIGHT INSTRUCTOR STANDARDIZATION TRAINING (FIST) JACKET

1. General. A FIST jacket shall be maintained for each flight instructor. The standard student Aviation Training Jacket (ATJ) may be used, but dividers are not required. The jacket shall contain, at a minimum:

    a. Left Side (from top to bottom):

        (1) CNATRA Privacy Act Statement and Record of Disclosure.

        (2) TTO Policy Statement.

        (3) Latest annual or re-qualification stage examinations used in conjunction with a standardization check flight.

        (4) All standardization check flight paperwork not recorded on appropriate ATF.

        (5) Completion certificate(s) for ORM training course(s) completed on Navy e-learning (or equivalent).

        (6) Latest Annual NATOPS Emergency Procedures (EP) Re-qualification, Annual T-6A/T-6B OCF re-qualification and ATFs for NATOPS instructors (if an NA/NFO does not have a "MISC" section, the latest EP ATF shall be filed under NATOPS Qualification).

        (7) Approved IUT waivers and list of Proficiency Advanced events.

    b. Right Side: The top page may contain a standard Jacket Review sheet. Underneath will be all the ATFs (by event number in block within each stage) completed on the instructor while in the ITU/IUT and during subsequent training. An ATF is required for all waived events.

    c. The FIST jacket is the property of the command while the instructor is attached to the NATRACOM and becomes the property of the instructor upon detaching on PCS orders to other than a NATRACOM billet.