



DEPARTMENT OF THE NAVY

COMMANDER TRAINING AIR WING SIX
390 SAN CARLOS ROAD SUITE C
PENSACOLA, FLORIDA 32508-5509

COMTRAWINGSIXINST 1542.8A

N76

14 Jun 16

COMMANDER, TRAINING AIR WING SIX INSTRUCTION 1542.8A

From: Commander, Training Air Wing SIX

Subj: STAFF NAVAL FLIGHT OFFICER T-6A FLIGHT PROGRAM

Ref: (a) OPNAVINST 3710.7U
(b) CNATRAININST 3710.13G
(c) COMTRAWINGSIXINST 3740.2R
(d) VT-4/VT-10 Memorandum of Agreement for Staff NFO T-6A Flight Program Execution

Encl: (1) Staff Naval Flight Officer T-6A Qualification Flow
(2) Qualification Checklist
(3) Sample Designation Letter

1. Purpose. To establish the policies and procedures for the training and continued aviation proficiency of Staff Naval Flight Officers (NFOs) assigned to Training Air Wing SIX (TW-6) and subordinate commands utilizing the T-6A Texan II.
2. Cancellation. COMTRAWINGSIXINST 1542.8
3. Scope and Applicability. This program is applicable to TW-6, and subordinate commands with assigned NFOs both Active Duty and Selected Reserve that lack a platform to obtain their annual required flight hours. Associate NFOs not detailed to TW-6 on flying orders must be approved through the associate flight program process established by CTW-6. This program does not modify or cancel the local TW-6 T-6A observer qualification program.
4. Policy. In order to comply with OPNAV requirements and maintain professional aviation skill and competency, Staff NFOs will maintain flight proficiency, curriculum awareness, and credibility while fulfilling minimum annual flight time requirements in TW-6 T-6A aircraft. Additionally, the program is designed to ensure TW-6 obtains and maintains the highest quality Staff NFO corps possible and to improve upon the ability for TW-6 Staff NFOs to provide relevant and realistic simulator instruction in the Advanced Maritime/Command and Control curriculum. The program includes initial ground and simulator training as delineated in enclosure (1), and follow-on flights scheduled by Training Squadron TEN (VT-10) or the TW-6 Flight Instructor Training Unit. TW-6 and its subordinate commands shall ensure minimum

annual flight time requirements are met by assigned NFOs on flying orders or apply for waivers as delineated in reference (a).

5. Records Management. Records created as a result of this instruction, regardless of media and format, must be managed per Secretary of the Navy manual 5210.1 of January 2012.

6. Program Execution

a. Training Squadron FOUR (VT-4) will track completion of ground and administrative events of enrolled Staff NFOs to ensure compliance with reference (a) pre-flight requirements.

b. Flight gear for program execution will be furnished to Staff NFO enrollees from TW-6 pool flight gear and be maintained on individual pegs in the existing T-6A Instructor gear room.

c. Proficiency flights will be flown mirroring the conduct delineated in enclosure (1) when not flown in support of normal student events (formation) or T-6A Instructor Pilot (IP) proficiency. This is required in order to standardize expected conduct of flight with stage-qualified IPs.

d. For scheduling purposes, simulator events will be scheduled as Emergency Procedure (EP) Simulators and flights will be coded as Instructor Proficiency Flights (IPROFs).

e. VT-10 shall provide and instruct an additional module of training in T-6A NFO Procedures. This module will include all the required communications, NFO Contact and Instrument procedures, and CRM best practices.

f. Submit Staff NFO training process improvement recommendations to TW-6 as required for program modification.

7. Implementation

a. Initial Staff NFO ground training shall encompass the requirements to fly in TW-6 aircraft as delineated in references (a) (b), and (c). Ground training will be completed in accordance with enclosures (1) and (2) prior to any simulator or flight event. The following amplification applies:

(1) High-Risk Screen and current Medical Up-Chit: High-risk screenings will be routed to the VT-10 Commanding Officer for review as in the case for associate instructors.

(2) Aeromedical Aspects of Ejection and T-6A Emergency Egress Training. Recurrent training may be completed in conjunction with normally scheduled Instrument Ground School (IGS).

(3) Staff NFOs are responsible for reading both VT-4 and VT-10's read and initial board prior to all flights.

b. Prior to initial syllabus flights, , a FAM-0 will be scheduled with any qualified T-6A IP. The CTW-6 FITU will schedule the first FAM-0 as part of the initial training syllabus in accordance with enclosure (1). VT-10 or the FITU will schedule subsequent FAM-0 events in conjunction with warm-up flights in the event a Staff NFO exceeds currency minimums IAW reference (d).

c. In accordance with reference (a), the T-6A OFT (2F208) is the only simulator device that may be used to log requirements towards the 50 percent maximum of NFO annual flight hour requirements). Availability will be scheduled to the maximum extent possible through VT-10 operations, while not adversely impacting student production.

d. Staff NFO flights may be scheduled with either VT-10 or CTW-6 FITU training sorties. Sorties may be part of a student or staff formation training event, local flight event, or when approved as part of a cross country sortie for standardization visits to Fleet Replacement Squadrons.

e. Upon completion of initial ground training, the CTW-6 FITU will submit a T-6 Staff NFO Designation Letter to be signed by CTW-6 via the TW-6 Standardization Officer to represent a cleared to fly status. Info copies will be provided to the VT-4 and VT-10 Commanding Officers.

8. Restrictions

a. All Staff NFO flights will be conducted with the NFO occupying the rear cockpit. The NFO may fly the aircraft at the discretion of the Aircraft Commander but at no time shall the NFO be at the controls below 500' AGL.

b. During the conduct of all Staff NFO EP simulator events, the NFO may fly the simulator at their own discretion; however, it is not required.

9. Duty and Flight Monitoring. VT-10 shall include VT-4 on normal Flight Schedule distribution and via the official Command Website. Flights will be tracked on the VT-10 duty board similar to the process for FITU flights. In the event of a mishap, VT-10 will retain initial Pre-Mishap Plan responsibility until otherwise directed by CTW-6. VT-10 will update Pre-Mishap Plan with VT-4 POCs for notification.

10. Naval Air Training and Operating Procedures Standardization (NATOPS) and FIST Jacket Maintenance. VT-4 shall retain all responsibilities for NATOPS, Flight Instructor Standardization and Training jacket, currency tracking, and OPNAV compliance and provide them upon request during CNATRA or CTW-6 spot checks or T-6A Unit Evaluations.

11. Review and Effective Date. Per OPNAVINST 5215.17A, the T-6 FITU Officer in Charge 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 automatically expire five years

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after effective date unless reissued or canceled prior to the 5-year anniversary date, or an extension has been granted.



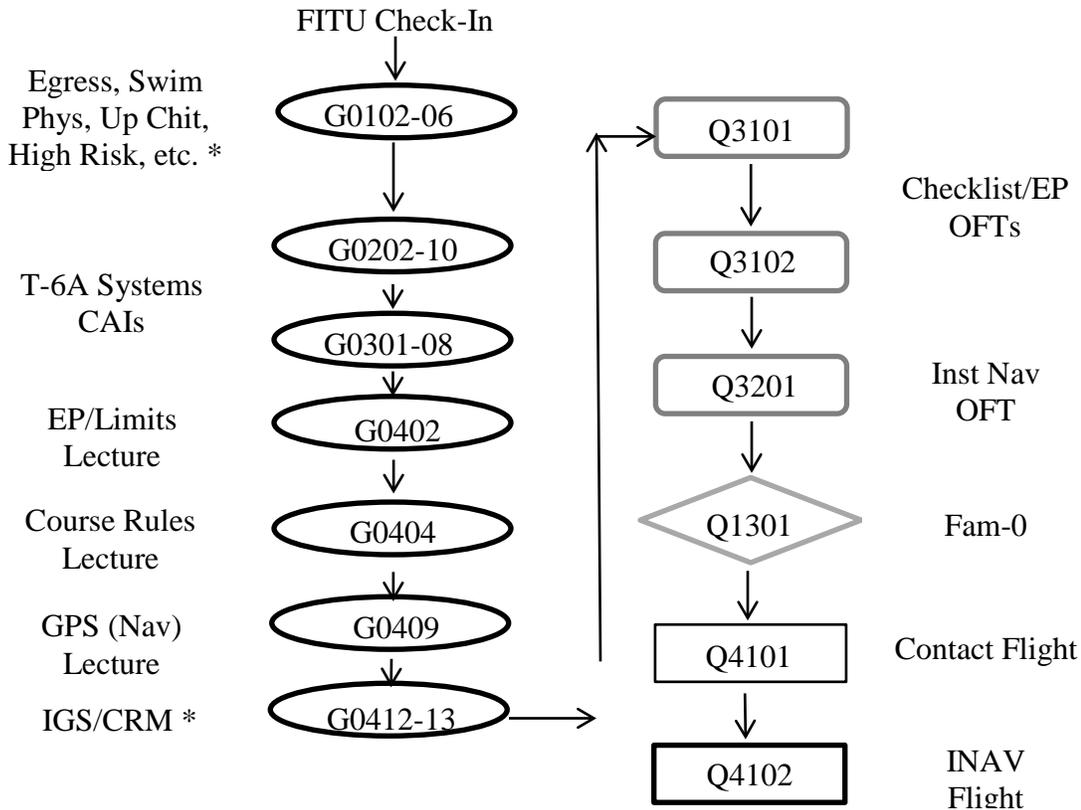
EDWARD L. HEFLIN

Releasability and distribution:

This instruction is cleared for public release and is available electronically only via Training Air Wing SIX Web site, <https://www.cnatra.navy.mil/tw6/>

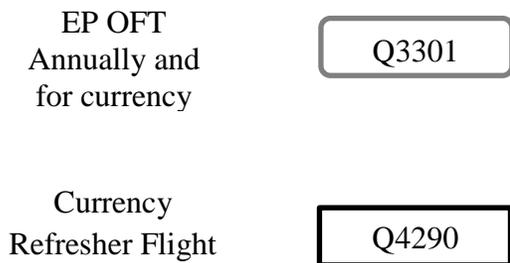
STAFF NAVAL FLIGHT OFFICER T-6A QUALIFICATION FLOW

1. All events are listed in the CNATRAININST 1542.154A.
2. Staff NFO T-6A Initial Qualification Flow



* Annual requirement in addition to initial qualification.

3. Staff NFO Recurring Proficiency Events



4. Q3102/Q3201 MIF

CTS REF	MANEUVER	Q3102	Q3201
1	General Knowledge/Procedures	3+	3+
2	Emergency Procedures/Limitations	3+	3+
3	Crew Resource Management	3+	3+
4	Headwork/Situational Awareness	3+	3+
5	Basic Airwork Recognition	3+	3+
6	Ground Procedures	3+	3
7	Departure/Enroute Procedures	3+	3
8	Course Rules	3+	
9	Recovery Procedures	3+	
10	ILS Approach		3+
11	RNAV Approach		3+
12	VOR/LOC Approach		3
13	RA/GCA		3+
14	Missed Approach		3+

5. Q4101/Q4102/Q4290 MIF

CTS REF	MANEUVER	Q4101	Q4102	Q4290
1	General Knowledge/Procedures	3+	3+	3+
2	Emergency Procedures/Limitations	3+	3+	3+
3	Mission Planning	3+	3+	3+
5	Ground Operations	3+	3+	3+
6	Crew Resource Management	3+	3+	3+
7	Headwork/Situational Awareness	3+	3+	3+
8	Basic Airwork Recognition	3+	3+	3+
9	AGSM	3+		3
10	Unusual Attitude Recognition	3+		3
10	Course Rules	3+		3
11	Instrument Procedures		3+	3
13	RNAV Approach		3+	3
14	ILS Approach		3+	3
15	VOR Approach		3	3
16	LOC Approach		3	3
17	RA/GCA		3+	3
18	Missed Approach		3+	3

6. Syllabus Notes

a. Q3101 should introduce normal procedures simulating a day contact event, while Q3102 should introduce basic EPs on deck, after take-off, and enroute for identification, diagnosis, and PCL familiarization.

b. Q3201 should focus on practicing normal procedures and introduce T-6A navigation system, set-up, and approach procedures.

c. Q4101 should focus on basic aircraft adaptation and orientation during a day contact event.

d. Q4102 should focus on basic aircraft departure, enroute, and terminal instrument procedures and communications.

e. Q4290 is designed as a standardization refresher flight to reset currency as required.

f. Normal procedures are derived from the T-6A NATOPS, Instrument NATOPS, T-6A Flight Training Instruction series, and JPATS manuals, as well as local SOPs, and In-Flight Guides.

QUALIFICATION CHECKLIST
**STAFF NAVAL FLIGHT OFFICER **

NAME _____ RATE/RANK _____

This checklist is to be used as a record of satisfactory completion of the Staff Naval Flight Officer training program for Training Wing SIX. All events are listed in the CNATRINST 1542.154A. Members may sign completion of applicable sections for Computer Aided Instruction (CAI). Any VT-4 Training or TW-6 FITU staff may sign off remaining events.

This qualification checklist is to be routed with respective designation letter to provide the chain of command with a record of training completed. A completed copy shall be kept in the member's Flight Instructor Standardization Training (FIST) Jacket.

Administrative/Check In Tasks

- G0102 (Egress): _____ Date: _____
G0103 (High Risk/UP Chit): _____ Date: _____
G0104 (T-6A CRM): _____ Date: _____
G0105 (Air Phys – RP1): _____ Date: _____
G0106 (Swim Phys – RP1): _____ Date: _____

Computer Aided Instruction

- G0202 (CAI: Flight Controls): _____ Date: _____
G0203 (CAI: Hyds 1): _____ Date: _____
G0204 (CAI: Hyds 2): _____ Date: _____
G0206 (CAI: Flight Inst 1): _____ Date: _____
G0207 (CAI: Flight Inst 2): _____ Date: _____
G0208 (CAI: Communications): _____ Date: _____
G0209 (CAI: Nav Systems): _____ Date: _____
G0210 (CAI: GPS): _____ Date: _____
G0301 (CAI: Electrical System): _____ Date: _____
G0302 (CAI: Fuel System): _____ Date: _____
G0303 (CAI: Propulsion 1): _____ Date: _____
G0304 (CAI: Propulsion 2): _____ Date: _____
G0305 (CAI: Environmental 1): _____ Date: _____
G0306 (CAI: Environmental 2): _____ Date: _____

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G0307 (CAI: Canopy System): _____ Date: _____

G0308 (CAI: Ejection System): _____ Date: _____

Training Lectures

G0402 (EP/Limits): _____ Date: _____

G0404 (Course Rules): _____ Date: _____

G0409 (CAI: Flight Controls): _____ Date: _____

Instrument Ground School

G0412/13 (IGS/Exam): _____ Date: _____

Simulator Events (OFT)

Q3101 (EP/Checklist): _____ Date: _____

Q3102 (EP/Checklist): _____ Date: _____

Q3201 (GPS): _____ Date: _____

Flight Events

Q1301 (FAM-0): _____ Date: _____

Q4101 (Contact Flight): _____ Date: _____

Q4102 (INAV/GPS Flight): _____ Date: _____

The member has completed all training requirements for this program. Recommend designation as a qualified Staff Naval Flight Officer (COMTRAWINGSIXINST 1542.8A).

RECOMMENDED _____ DATE _____

FITU OIC

RECOMMENDED _____ DATE _____

VT-4 Training Officer

RECOMMENDED QUALIFIED _____ DATE _____

Commanding Officer or Designated Representative

FIST JACKET ENTRY _____ DATE _____

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3710
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27 Apr 16

From: Commander, Training Air Wing SIX
To: LT William T. Door, USN, 1320
Via: Commanding Officer, Training Squadron FOUR

Subj: DESIGNATION AS TRAINING WING SIX T-6A STAFF NAVAL FLIGHT OFFICER

Ref: (a) COMTRAWINGSIXINST 1542.8A
(b) OPNAVINST 3710.7U

1. Having satisfactorily completed the requirements of reference (a), you are hereby designated a TW-6 Staff NFO in the T-6A Texan II for the purposes of maintaining annual flight time minimums set forth in reference (b).
2. This designation will remain in effect as long as minimum currency requirements are maintained.

EDWARD L. HEFLIN

Copy to:
TW-6 STAN
FIST Jacket