



DEPARTMENT OF THE NAVY

TRAINING SQUADRON THIRTY-ONE (VT-31)
501 BATAAN STREET SUITE B
CORPUS CHRISTI TX 78419-5249

VT31INST 3710.5A
TRAINING
08 FEB 2008

TRAINING SQUADRON THIRTY-ONE INSTRUCTION 3710.5A

Subj: FUNCTIONAL CHECK PROGRAM

Ref: (a) OPNAVINST 3710.7T
(b) COMNAVAIRFORINST 4790.2 w/Ch-1, Volumes I, II, III, IV,
and V
(c) COMTRAWINGFOURINST 3710.11G
(d) NAVAIR 01-T44AAA-1F
(e) NAVAIR 01-T44AAC-1F

Encl: (1) T-44 Functional Check Pilot Personnel Qualification
Standard (PQS)

1. Purpose. To promulgate requirements for the conduct of T-44 Functional Check Flights (FCFs), as well as the training and proficiency of Functional Check Pilots (FCPs).

2. Cancellation. VT31INST 3710.5

3. Scope. References (a) and (b) outline specific procedures to be used during FCFs in naval aircraft. Reference (c) outlines guidance for FCF requirements in TRAWING FOUR aircraft as well as direction to create this instruction. References (d) and (e) provide specific instruction of FCFs in T-44 model aircraft.

4. Discussion

a. Only the most knowledgeable and conscientious aviators who demonstrate exceptional airmanship and maturity, with a minimum of 500 hours in model shall achieve designation as an FCP.

b. The Commanding Officer shall nominate candidates having satisfactorily met squadron requirements and completed the PQS in Encl (1) to TRAWING FOUR for FCF designation by the Commodore.

c. The squadron Maintenance Officer shall hold a current FCF qualification and be designated as the FCF Program Manager.

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The FCF Program Manager is responsible for updating and maintaining a squadron FCF written examination, tracking FCP currency established in this instruction, recommending squadron instructor pilots to the Commanding Officer for the FCP syllabus, and performing upgrade flights for the FCP syllabus.

d. FCF upgrade flights are to be flown with a current military FCF pilot.

e. The T-44 FCP designation letter shall be entered in the qualification section of the aviator's NATOPS Flight Personnel Training and Qualification Jacket.

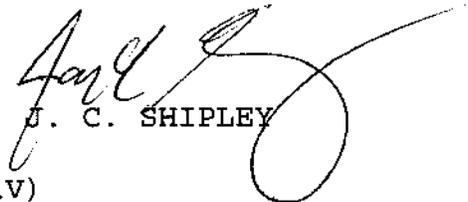
5. Policy

a. All portions of FCFs from initial take-off to landing shall be conducted in compliance with OPNAV 3710.7T. Following the successful completion of a "check-and-go", the operational training flight may continue in instrument meteorological conditions. (A "check-and-go" is defined as a successfully completed C profile FCF followed immediately by a syllabus flight).

b. Qualified FCPs shall fly an FCF every 90 days and complete a written examination annually to maintain currency. An expired FCP shall fly an FCF with a current, qualified FCP to regain currency.

c. An Instructor Pilot who is a current, qualified FCP and a current qualified T-44C aircraft commander may conduct FCFs in the T-44C.

d. Any C4103 complete IUT/MT/TPS may perform co-pilot duties on an FCF. C4390 complete SMAs may perform co-pilot duties on "B" and "C" profiles only.


J. C. SHIPLEY

Distribution: (VT31INST 5216.1V)
List I

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T44 FUNCTIONAL CHECK PILOT PERSONNEL QUALIFICATION STANDARD

RANK/NAME: _____ SSN: _____

TOTAL PILOT HRS: _____ TOTAL HRS IN MODEL: _____

REQUIRED READING	INITIALS	DATE
1. OPNAVINST 3710.7T (CH. 3, PARA. 3.8)	_____	_____
2. COMNAVAIRFORINST 4790.2, w/Ch. 1 (VOL I, CH12)	_____	_____
3. NAVAIR 01-T44AAA-1F (CH. 10)	_____	_____
4. NAVAIR 01-T44AAC-1F (CH. 10)	_____	_____
5. COMTRAWINGFOURINST 3710.11G (CH. 1, 3)	_____	_____
6. VT-31 FCF WRITTEN EXAM GRADE:	_____	_____

FCP candidates are required to fly four FCFs with a qualified FCP during which at least one A, B, and C profile shall be seen. Two flights should be conducted as both CP and P.

REQUIRED FLIGHTS	FCP INITIALS	DATE
Discuss: QA brief w/ maint contractor	_____	_____
A vs B vs C Profile and Planning	_____	_____
FCF-1 (Demo) FCF Preflight Inspection	_____	_____
Type Profile: A / B / C	_____	_____
FCF Postflight Inspection	_____	_____
FCF-2 (Intro) Type Profile: A / B / C	_____	_____
FCF-3 (Practice) Type Profile: A / B / C	_____	_____
FCF-4X (Review) Type Profile: A / B / C	_____	_____

COMMANDING OFFICER'S NOMINATION _____