DEPARTMENT OF THE NAVY

COMMANDING OFFICER
HELTRARON TWENTY EIGHT
7180 USS LONG ISLAND STREET SUITE 320
MILTON FL 32570-6101

IN REPLY REFER TO:
HT-28INST 3710.10A
00
24 Aug 12

HELTRARON TWENTY-EIGHT INSTRUCTION 3710.10A

Subj: TRAINING STANDARDIZATION AND DESIGNATION FOR FUNCTIONAL CHECK PILOT

Ref: (a) NAVAIR 01-H57BC-1
(b) OPNAVINST 4790.2J
(c) OPNAVINST 3710.7U
(d) COMTRAWINGFIVEINST 3710.13M

1. Purpose. To set forth requirements for the conduct of functional check flights and to outline a program for training, standardization, and designation of functional check pilots for HELTRARON TWENTY-EIGHT.

2. Cancellation. HT-28INST 3710.10.

3. Discussion. The control and accomplishment of functional check flights is a necessary and integral part of the maintenance process. Per references (a) through (d), check flights are those flights performed to determine if the airframe, power plant, accessories and items of equipage are functioning according to predetermined standards when subjected to the intended operating environment. Check flights have two important and distinct purposes and will be conducted using the guidelines set forth in reference (a). The first and most important function is ensuring, through inspection and functional checking of the aircraft and its operating system in flight, that the aircraft is safe for flight and capable of mission performance. The second purpose is to accurately determine the quality of maintenance performed as revealed by the results of the check flights.

4. Responsibility. The Maintenance Officer is charged with the overall responsibility for the Functional Check Pilot (FCP) Program. The Maintenance Officer is designated the Squadron Senior Functional Check Pilot and is the coordinator for training/standardization of all check pilots, for administering the written and flight examination, and for making recommendations for designation when a new candidate has satisfactorily completed all requirements. The Maintenance Officer shall maintain a check pilot required reading folder. The folder will be reviewed periodically by all check pilots and will contain information concerning aircraft system checks and other items of specific interest to FCPs. The Maintenance Officer shall ensure FCP manning levels are met per reference (d). The Maintenance Officer shall coordinate with the Government Flight Representative (GFR) for use of FCF aircraft for currency and training requirements.

5. Requirements for Designation. Prior to being recommended by the Commanding Officer for designation as a FCP, the candidate must demonstrate exceptional initiative and maturity along with a thorough knowledge of the TH-57 aircraft systems. The candidate shall successfully complete the FCP open book examination. Per reference (d), the candidate shall have a minimum of nine months time remaining on station.

6. Administration

a. Eligibility. Any designated TH-57 Instructor Pilot shall be considered eligible for the FCP syllabus.

b. Preparation. Pilots under instruction (PUIs) are expected to familiarize themselves with all phases of the functional check flight procedures contained in reference (a) prior to each training fight.

c. Scheduling. PUIs will be scheduled for specific training/proficiency flights to ensure smooth progress through the training syllabus.

d. Instructors. All designated qualified TH-57 Functional Check Pilots shall be considered Functional Check Flight Instructor Pilots and be authorized to sign off appropriate areas contained in the qualification syllabus.

e. Reports. Qualified FCPs shall ensure PUIs display thorough knowledge and understanding of all prescribed maneuvers/procedures per reference (a).

f. Check Flight. The final check flight shall be all encompassing and shall be flown with the Squadron Senior FCP to ensure all maneuvers/procedures are conducted per reference (a).

g. Currency. FCP currency is defined as one FCF event every 90 days. FCPs shall maintain currency through coordination with the Squadron Senior FCP and the GFR.

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