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Maintenance

**FUNCTIONAL/OPERATIONAL
CHECKFLIGHT AND HIGH SPEED TAXI
CHECK**



COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction standardizes procedures for managing an effective Functional Check Flight (FCF), Operational Check Flight (OCF), and High Speed Taxi Check program in conjunction with T.O. 1-1-300, AFI 13-201, AFI 11-401, AFI 11-206, T.O. 00-20-5, T.O. 1C-141B-6CF-1, T.O. 1C-17A-1, and AMCI 21-101. The Logistics Group Commander (LG/CC) and Operation Group Commander (OG/CC) have joint responsibility for effective management of the unit FCF program. The success of this program begins with the cooperation between Operations and Maintenance communities. Quality Assurance Assessments (QAA) and the Operations FCF Officer-in-Charge (FCF/OIC) work together in the development of a viable program.

1. Quality Assurance Assessments:

1.1. Responsibilities:

- 1.1.1. Establish a QAA point of contact (POC) for the FCF and OCF.
- 1.1.2. Establish a POC from each of the following:
 - 1.1.3. Operations Group Standardization Evaluation (FCF/OIC).
 - 1.1.4. Applicable Squadron Maintenance Supervision.
 - 1.1.5. Notify/coordinate with the FCF/OIC, Plans and Scheduling, and Current Operations of the requirement for an FCF, OCF, or High Speed Taxi Check.
 - 1.1.6. Schedule the date, time, and location for the FCF/OCF briefing. Attendees include: QAA representative, maintenance, and aircrew.

2. Operations Group Standardization Evaluation(FCF/OIC):

2.1. Responsibilities:

2.2. Determine the appropriate squadron to fly the FCF/OCF or if a Stan Eval aircrew is required.

2.2.1. When notified of a FCF requirement by the QAA POC, determine if a Stan/Eval aircrew is required. IF a qualified FCF aircrew is required, make recommendations to the OG/CC to either proceed or postpone the FCF. The OG/CC (or equivalent) will be the authorizing official on the AF Form 41, Aircrew Orders.

2.2.2. Develops and maintains local FCF guidance and briefings. This includes FCF profiles and maintenance/operations prior-to-flight briefing requirements.

2.2.3. Coordinates on all issues dealing with FCF/OCF events as required.

3. Aircraft Generation Squadron:

3.1. Responsibilities:

3.1.1. Review the mission design series Dash 6 Technical Orders to ensure that any completed modifications or maintenance/repair actions that necessitate an FCF, OCF, or High Speed Taxi Check.

3.1.2. Evaluate every aircraft cannibalization rebuild to determine if an Operational Check Flight (OCF) is necessary before returning the aircraft to service. Reference Logistics Operating Instruction 21-32, Aircraft Cannibalization.

3.1.3. Squadron POC will notify QAA when aircraft requires an FCF, OCF, or a High Speed Taxi Check. A minimum of 15 hours notification is required for scheduling purposes.

3.1.4. Squadron POC will inform maintenance representative of date, time, and location of FCF/OCF briefing.

4. Plans and Scheduling:

4.1. Responsibilities:

4.1.1. Contact QAA with the scheduling information in order to complete paragraph [1.1.4](#).

4.1.2. Schedules the FCF through Current Operations via normal aircraft scheduling procedures.

5. Current Operations (CO):

5.1. Responsibilities:

5.1.1. Task a squadron for the FCF flight and informs the squadron a FCF aircrew is required. If a negative reply is received from the squadron, task the remaining squadrons, in-turn, until a FCF aircrew is established. If an aircrew is not available, OGV is notified and complies with paragraph [2.2.1](#).

6. Flying Squadrons:

6.1. Responsibilities:

6.1.1. When notified an FCF flight, tasks a FCF qualified aircrew. If one is not available, they notify CO (see paragraph [5.1](#)).

6.1.2. Ensure the FCF aircrew contacts QAA POC to arrange the date, time, and location of the FCF/OCF briefing.

ROBERT D. BISHOP, JR, Colonel, USAF
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