

10 September 1998



Maintenance

FUNCTIONAL CHECK FLIGHT

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

NOTICE: This publication is available digitally on the HQ AFRC WWW site at: <http://www.afrc.af.mil> and the AFRCEPL (CD-ROM) published monthly.

OPR: 914 LG/LGQ (SMS Daniel Stoklosa)

Certified by: 914 LG/CC (LTC George J. Pierce)

Pages: 2

Distribution: F

This instruction establishes policy and a procedure for administering the functional check flight (FCF) program and applies to Logistics Group (LG) and Operations personnel involved with FCFs. It implements AFRPD 21-1, *Managing Aerospace Equipment Maintenance*.

1. Responsibilities. The following responsibilities are assigned to sections within the 914 Airlift Wing to control the FCF program.

1.1. LG Quality Assurance (LGQ):

1.1.1. Administer the FCF program.

1.1.2. Brief FCF crews on items required by AFRCI 21-101, *Aircraft Maintenance Guidance and Procedures*.

1.1.3. Maintain an authorization list for FCF crews, which is provided by the Operations Group.

1.2. LG Debrief/Dispatch (LGLC):

1.2.1. Notify LGQ of scheduled FCFs.

1.2.2. Coordinate FCF schedule with Operations.

1.3. Operations:

1.3.1. Identify highly qualified crewmembers to serve as FCF crewmembers. This identification may be accomplished through an informal process, or be incorporated into a formal review process, as desired by the 328th AS/CC.

1.3.2. Ensure sufficient numbers of personnel are identified as FCF crewmembers to permit overlap in the case of absences.

1.3.3. Ensure that all flight crewmembers identified as FCF crewmembers have received training in roles and responsibilities of operations and maintenance personnel during FCF operations. As

a minimum, ensure flying squadron supervision has briefed FCF crews on their responsibilities during an FCF, and on expected limitations.

2. Procedures:

2.1. FCF flight crews will report to LGQ NLT one hour prior to scheduled FCF takeoff time to review the forms, required inspections, and FCF checklist procedures with LGQ. An alternative time may be scheduled by mutual consent.

2.2. The LGQ section is responsible for the management and administration of the FCF program.

2.3. High-speed taxi operations will be by an FCF crew in accordance with Technical Order 1-1-300, paragraph 3c, *Acceptance/Functional Checkflights and Maintenance Operational Checks*, utilizing the FCF checklist.

2.4. Flightline personnel will deliver AFTO 781 series forms to LGQ prior to the briefing time established in 2.1 above.

2.5. Immediately following the completion of the functional check flight, the entire FCF flight crew will report to LGQ for necessary debriefing and completion of all required forms.

GERALD C. VONBERGE, Col, USAFR
Commander