

29 November 1996



Maintenance

AIRCRAFT ACCEPTANCE INSPECTION

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: 301 LG/LGQ (SMSgt Ota Huse)

Certified by: 301 LG/CC (Col Davil L. Patterson)

Pages: 4

Distribution: F

This instruction tailors procedures for F-16 acceptance inspections. It applies to all 301st Logistics Group (LG), 457th FS Flying Squadron Maintenance (FSM) and 457th FS Life Support personnel. This Instruction implements AFRPD 21-1; *Managing Aerospace Equipment Maintenance*, AFRCI 21-101; *Aircraft Maintenance Guidance and Procedures*, AFI 21-103, *Equipment Inventory, Status and Utilization Reporting*, AFM 66-279, *Core Automated Maintenance System Vol 1*, Air Force TOs 00-20-1, 00-35D-54, 1-1B-40, 1F-16C-6WC-2-11, 1F-16C-10JG-00-11, 1F-16C-2-70FI-00-11, 1F-16C-2-80FI-00-1 and 1F-16C-6-11.

1. Procedures:

1.1. An acceptance inspection is accomplished on F-16 aircraft immediately after delivery.

2. Responsibilities:

2.1. All Personnel involved with the acceptance inspection, will document any missing, improperly configured, or damaged equipment on the AFTO Form 781A, **Maintenance Discrepancy and Work Document in CAMS**.

2.2. Plans, Scheduling, and Documentation (PS&D) will:

2.2.1. Perform a pre-acceptance meeting on each aircraft to address and plan accomplishment of all requirements.

2.2.2. Inspect the entire aircraft records jacket and document file for accuracy, correct Time Compliance Technical Order (TCTO) status, and time change requirements immediately upon aircraft arrival.

2.2.3. Notify Quality Assurance (QA) of any and all noted discrepancies upon completion of acceptance inspection.

2.2.4. Monitor the dash 21 equipment transfer as prescribed in AFI 21-103, Chapter 9.

2.2.4.1. Coordinates with Weapons and Munitions Flights.

2.2.4.2. Notifies QA of any and all shortages.

2.3. Flying Squadron Maintenance will:

2.3.1. Close out incoming AFTO Form 781s and transcribe all open discrepancies into CAMS and Aircraft AFTO Form 781s.

2.3.2. De-panel the aircraft for acceptance inspection as prescribed by aircraft acceptance inspection panel sheet.

2.3.3. Accomplish inspection requirements of T O 00-20-1, 1F-16C-6-11 and 1F-16C-6WC-2-11.

2.3.4. Remove engine.

2.3.5. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.4. Propulsion Flight will:

2.4.1. Accomplish complete acceptance inspection as prescribed in TO1F-16C-6-11.

2.4.2. Accomplish workable TCTOs.

2.4.3. Replace any time change items that are due.

2.4.4. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.5. Survival Equipment will:

2.5.1. Inspect personnel chute.

2.5.1.1. Tear down, replace any required time change items, perform records verification and repack chute.

2.5.2. Inspect Egress seat recovery chute.

2.5.2.1. Tear down, replace any required time change items, perform records verification and repack chute.

2.5.3. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.6. Non-Destructive Inspection (NDI) will:

2.6.1. Review AFTO Form 781s for due or overdue Aircraft Structural Integrity Program inspections.

2.6.1.1. Accomplish any due or overdue Aircraft Structural Integrity Program inspections.

2.6.2. Review AFTO Form 781s for due or overdue NDI engine internal inspections.

2.6.3. Review and file gaining Aircraft Oil Analysis Records.

2.6.4. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.7. Structural Shop will:

2.7.1. Inspect airframe for corrosion and establish a detailed corrosion control record file for each aircraft.

2.7.2. Paint tail markings, vertical tail, crew chief's /pilot's name, and FB6675 numbers on seat and canopy.

2.7.3. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.8. Quality Assurance will:

2.8.1. Provide acceptance inspection AFTO Form 781A preprints.

2.8.2. Accomplish a Chart "A" equipment inventory.

2.8.3. Weigh aircraft if required.

2.8.4. Review aircraft AFTO Form 781 binder for discrepancies found during acceptance inspection.

2.8.4.1. Prepare a report as prescribed by TO 00-35D-54.

2.9. Egress will:

2.9.1. Remove seat and canopy.

2.9.1.1. Perform all visible checks.

2.9.1.2. Verify all possible part numbers and serial numbers.

2.9.2. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.10. Fuel Systems will:

2.10.1. Verify Emergency Power Unit (EPU) part number and serial number.

2.10.1.1. Perform EPU check.

2.10.2. Review and file AFTO Form 95s for all external tanks and load in CAMS as required.

2.10.3. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.11. Specialist Flight will:

2.11.1. Remove and replace Pod Control Box.

2.11.2. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.12. Life Support will:

2.12.1. Remove chute and kit.

2.12.1.1. Perform required kit inspection/inventory.

2.12.1.2. Verify all possible part numbers and serial numbers.

2.12.2. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

2.13. Weapons Flight will:

2.13.1. Perform gun inspection.

2.13.1.1. Verify part number and serial number.

2.13.1.2. Perform gun firing check.

2.13.2. Notify QA of any and all noted discrepancies upon completion of acceptance inspection.

BOB L. EFFERSON, Colonel, USAFR
Commander