

**BY ORDER OF THE CHIEF,
NATIONAL GUARD BUREAU**

**AIR NATIONAL GUARD POLICY
DIRECTIVE 90-2138**

15 MAY 2003

Command Policy



**COMPLIANCE AND STANDARDIZATION
REQUIREMENT LIST (C&SRL) F-16/F-15
AIRCRAFT INTAKE INSPECTIONS**

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This directory implements Air Force Policy Directive (AFPD) 90-2, *The Inspection System*, and is applicable to all Air National Guard (ANG) flying units. Compliance with this directory and its parent instruction Air National Guard Instruction (ANGI) 21-101, *Maintenance Management of Aircraft*, is mandatory. Units will supplement this publication with items developed from appropriate technical data, Air Force Occupational Safety and Health (AFOSH) Standards (STD), local operating instructions (OI), etc., to assess internal compliance. Higher Headquarters/Inspector General (HHQ/IG) may use this directory in whole or in part during evaluations and exercises.

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

1. The items listed do not constitute the order or limit the scope of the inspection/assessment. As a minimum, units will use this directory in conjunction with the annual unit self-inspection. The objective is to identify deficiencies that preclude attainment of required capabilities.

Table 1. F-16/F-15 Aircraft Intake Inspections

ITEM NO.	ITEM AND REFERENCES (All references are to ANGI 21-101 unless otherwise indicated)	YES	NO	N/A
1.	Aircraft Inlet/Exhaust Certification.			
1.1.	Has the MXG/CC determined in an OI if intake inspections are required after each engine operation? (18.9.1.)			
1.2.	If an aircraft is off station, and no qualified personnel are available to perform the required intake inspection between sorties, does the aircrew document in the AFTO Form 781A, on a Red Dash, that the Preflight, Post Flight, or Thru Flight inspection is overdue, and the reason for non-accomplishment (no tech data, no qualified personnel, etc)? (18.9.1.)			
1.3.	Has Maintenance Training, in coordination with the subject matter experts (SME) developed and maintained the engine inlet/exhaust inspection training program? (18.9.2.)			
1.4.	Has the MXG/CC appointed engine inlet/exhaust inspection instructors and certified in writing? (18.9.2.)			
1.5.	Are engine inlet/exhaust inspection instructors and certifiers tracked on the SCR? (18.9.2.)			
1.6.	Are only certified 5, 7, and 9 level personnel in Air Force Specialty Codes 2A3X2, 2A3X3, 2A5X1/2, 2A6X1X, and 2A6X6 performing these inspections? (18.9.3.)			
1.7.	Does Maintenance training, in coordination with the SME, develop and manage training courses including care and handling of the equipment, all applicable tech data, FOD prevention, inspection criteria, fault isolation/damage assessment, and performance of an actual engine intake/inlet/exhaust inspection? (18.9.4.)			
1.8.	Is training conducted on an uninstalled engine to better familiarize each student with engine forward section components? (18.9.4.)			
1.9.	Have personnel completed the mandatory formal maintenance-training course prior to placement on the Special Certification Roster for engine intake/inlet/exhaust inspection? (18.9.4.)			
1.10.	Has Maintenance training developed course codes to track training and certification? (18.9.4.1.)			
1.11.	Do Certifying officials maintain proficiency in the same manner as other technicians? (18.9.5.)			
1.12.	Upon completion of the formal training, are individuals tasked evaluated by the certifying official (an individual other than the instructor who administered the course), and placed on the SCR? (18.9.5.)			

ITEM NO.	ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i>	YES	NO	N/A
1.13.	Are certifying officials the most qualified 7- or 9-level Aerospace Propulsion (2A6X1X), or Aircraft Maintenance (2A3X3X) AFSC (Aircraft Maintenance 2A5X1X and Helicopter Maintenance 2A5X2, or Engine CETS if applicable)? (18.9.5.)			
1.14.	Does the unit limit the number of certifiers to a minimum to ensure standardized training and certification? (18.9.5.)			
1.15.	Do certifying officials re-certify each other? (18.9.5.)			
1.16.	Are certified technician required to be re-certified annually by a certifying official? (18.9.5.1.)			
1.17.	Is re-certification of the certifying official and qualified personnel accomplished annually by accomplishing the initial certification criteria? (18.9.5.1.)			
1.18.	Does QA evaluate engine intake inspections as part of the QAP? (18.9.6.)			

DANIEL JAMES III, Lieutenant General, USAF
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