

**BY ORDER OF THE COMMANDER
442D FIGHTER WING**

442D FIGHTER WING INSTRUCTION 21-129

7 AUGUST 2013



Maintenance

**AIRCREW MAINTENANCE
DEBRIEFING/AUTOMATED MODULE**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available on the e-Publishing website at www.e-publishing.af.mil for downloading or ordering.

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: 442 AMXS/MXAA

Certified by: 442 MXG/CC
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Pages: 5

This instruction implements Air Force Policy Directive (AFPD) 21-1, *Air and Space Maintenance* and extends the guidance of Air Force Instruction (AFI) 21-101, *Aircraft and Equipment Maintenance Management*. It establishes procedures for conducting Aircrew Maintenance Debriefings and defines areas of responsibilities involved in the operation of Integrated Maintenance Data System (IMDS), Automated Debriefing Module in accordance with (IAW) Air Force Manual (AFMAN) 33-282, *Computer Security (COMPUSEC)*. These procedures apply to all maintenance personnel assigned to the 442d Maintenance Group (MXG). Supervisors, superintendents, and flight chiefs are responsible for ensuring compliance with this instruction. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using Air Force (AF) Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command. Requests for waivers must be submitted through chain of command to the OPR listed above for consideration and approval. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS).

1. Responsibilities: Maintenance supervisors, operations supervisors, superintendents, flight chiefs, and aircraft debrief personnel are responsible for ensuring compliance with this instruction.

2. General:

- 2.1. Debriefing will be conducted after each flight and will normally be accomplished in the Aircraft Maintenance Squadron (AMXS) debriefing area.
- 2.2. During surge exercises and/or deployments, the crew chief may debrief the pilot at the aircraft.
- 2.3. Crew Chiefs may debrief first flight of the day on Code 1 aircraft at the aircraft. The crew chief will ensure accelerometer readings are recorded on the Air Force Technical Order (AFTO) IMT 278, *A-10 Flight Log*, and taken to the aircraft debriefing area.

3. Home Station Debrief Procedures

- 3.1. The aircraft debrief technician will accomplish the following tasks.
 - 3.1.1. Complete an in-depth debriefing of the aircraft pilot to ensure that all AFTO Form 781A, *Maintenance Discrepancy and Work Document*, documentation is accomplished. All reported discrepancies will be entered into IMDS, ensure documentation accurately describes noted discrepancies.
 - 3.1.1.1. Attempt to dispatch the applicable specialty/back-shop to be present for the debrief.
 - 3.1.2. Schedules reported discrepancies to the applicable work center.
 - 3.1.3. Inform the flight line Expeditor and Maintenance Operations Center (MOC) of all reported discrepancies by the most expedient means possible.
 - 3.1.4. Ensure that all discrepancies entered in the AFTO Form 781A and IMDS have proper symbol and that the AFTO Form 781H, *Aerospace Vehicle Flight Status and Maintenance*, reflects the correct status of the day.
 - 3.1.5. Identify repeat discrepancies by entering the proper code in IMDS.
 - 3.1.6. Initiate a Combat Aircraft Form (CAF) Form 122, *Abort/IFE Record*, for all aborts and incidents and route IAW Part 1 of the form.
 - 3.1.7. Update the current flight times using IMDS after each sortie/mission.

4. Deployed Debrief Procedures:

- 4.1. In the absence of deployed debrief personnel, the senior deployed maintenance officer/Non Commissioned Officer (NCO) will ensure debriefing documents are completed and collected for input into IMDS by properly trained deployed maintenance personnel.
- 4.2. The collected information will be sent to the home station by the most expedient method available.
- 4.3. The senior deployed maintenance officer/NCO will turn-in, validate and reconcile all documents to the squadron debrief section upon re-deployment.

5. Debriefing Documentation during IMDS Downtimes:

- 5.1. When IMDS is down, debriefing will be accomplished by using IMDS preprinted screen forms and by using manual job control numbers.

5.2. A copy of all flight related discrepancies on the IMDS preprinted screen number 163 will be retained in Debrief to update IMDS and as a source reference for repeat discrepancies.

6. Entering Data for Aircraft Structural Integrity Program (ASIP) Debrief inputs data from the AFTO IMT 278 into the A-10 Web Based Data Collection System (WBDCS) as per the 442 Maintenance Operating Instruction (MOI) 63-100, *Aircraft Structural Integrity Program (ASIP)*.

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Attachment 1**GLOSSARY OF REFERENCES SUPPORTING INFORMATION*****References***

AFI 21-101, *Aircraft and Equipment Maintenance Management*, 26 July 2010

AFMAN 33-282, *Computer Security (COMPUSEC)*, 27 March 2012

AFMAN 33-363, *Management of Records*, 1 March 2008

AFPD 21-1, *Air and Space Maintenance*, 25 February 2003

442 MOI 63-100, *Aircraft Structural Integrity Program (ASIP)*, 27 September 2012

Prescribed Forms:

No forms are prescribed for this publication.

Adopted Forms:

AF Form 847, *Recommendation for Change of Publication*, 22 September 2009

AFTO Form 781A, *Maintenance Discrepancy and Work Document*, 08 January 2008

AFTO Form 781H, *Aerospace Vehicle Flight Status and Maintenance*, 08 January 2008

AFTO IMT 278, *A-10 Flight Log*, 01 May 1987

CAF Form 122, *Abort/IFE Record*, 01 April 2007

Abbreviations and Acronyms

AFI—Air Force Instruction

AFMAN—Air Force Manual

AFPD—Air Force Policy Directive

AFRIMS—Air Force Records Information Management System

AFTO—Air Force Technical Order

AMXS—Aircraft Maintenance Squadron

ASIP—Aircraft Structural Integrity Program

CAF—Combat Aircraft Form

IAW—In Accordance With

IMDS—Integrated Maintenance Data System

MOC—Maintenance Operations Center

MXG—Maintenance Group

NCO—Non Commissioned Officer

OPR—Office of Primary Responsibility

RDS—Record Disposition Schedule

WBDCS—Web Based Data Collection System