

**BY ORDER OF THE COMMANDER
433D AIRLIFT WING**

433D AIRLIFT WING INSTRUCTION 21-111

25 JUNE 2014

Maintenance



CANNIBALIZATION PROCEDURES

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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Certified by: 433 AW/CC
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This Airlift Wing Instruction (AWI) implements Air Force Policy Directive (AFPD) 21-1, *Air and Space Maintenance*, and establishes procedures and assigns responsibilities. This AWI applies to all personnel assigned to the 433D Airlift Wing that are involved in the cannibalization procedures of any aircraft belonging to the 433D Airlift Wing. Ensure that all records created as a result of processes prescribed in this publication are maintained In Accordance With (IAW) Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the Air Force (AF) Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command.

SUMMARY OF CHANGES

This instruction has been formatted to comply with current publishing guidelines and to convert the current MXG Operating Instruction (OI) into an AWI.

1. Definition. Cannibalization (CANN) is the authorized removal of an assembly or subassembly from a weapon system, support system or equipment end item for installation on another end item to satisfy an existing supply requisition and to meet priority mission requirements with an obligation to replace the removed item.

2. Procedures.

2.1. Individual Responsibilities.

2.1.1. Verify part is required to meet mission commitments.

2.1.2. Order the part and obtain a valid document number. Request status from Decentralized Material Support (DMS). If the status is zero balance, request CANN authorization from an approved CANN authority as identified on group level authority letter.

2.1.3. Obtain a CANN number from the Maintenance Operations Center (MOC) and ensure removal actions are properly documented in accordance with TO 00-20-2, *Maintenance Data Documentation*. Notify MOC with the following information: From end item serial number, To end item serial number, and the document number. Ensure there are two entries made in the equipment forms: A Red X for the re-installation of the removed component and; A Diagonal for the removal action (to be signed off at the time of removal).

2.1.4. Ensure that proper technical data procedures are followed and that all required circuit breakers, switches and aircraft systems have an AF Form 1492, *Warning Tag*, installed, if required.

2.1.5. Shift maintenance supervision, through Plans, Scheduling and Documentation (PS&D) will determine what equipment to CANN from. After proper coordination direct the removal of the CANN component and its installation on the 'receiving' end item. Ensure all associated hardware is bagged and attached to the removed component's location. If it is necessary to use hardware for the installation of a part /component, ensure the hardware is ordered and the equipment forms are annotated with a valid document number. Also ensure that associated hardware that cannot be reused (o-rings, seals, etc.) is on order and have a valid document number.

2.1.6. Ensure Due-in-for-Maintenance (DIFM) assets are properly routed to supply, and ensure that proper documentation is made in donor and recipient end item forms for serially controlled parts.

2.2. CANN authority responsibilities.

2.2.1. Before authorizing a CANN action, ensure that the special certification roster reflects the inspection (INSP) course code "INSP 00159". This course code will be used to monitor CANN authority levels for the maintenance group.

2.2.2. Coordinate/obtain approval from the applicable squadron supervision prior to removal actions from external squadron sources, ISO/Refurb aircraft, flight line aircraft and equipment end items, i.e. engine or Aerospace Ground Equipment (AGE), and support systems assigned to the MXG.

2.2.3. All CANN actions on Contract Field Team (CFT) aircraft will require approval/coordination through the MXG Quality Assurance office, 925-7858.

2.3. MOC Responsibilities.

2.3.1. Verify CANN approval with the most recent CANN authority letter.

2.3.2. Create CANN action discrepancy in *Core Automated Maintenance System (CAMS) for Mobility* (G081) using program 9050, *Input Aircraft Discrepancies*, (for aircraft only).

2.3.3. Verify that item has been ordered and validate document number.

2.3.4. Notify DMS of CANN action and provide all required information to update/change the supply request.

2.4. DMS Responsibilities.

2.4.1. Verify no on hand assets exist. (Check other sources, i.e. Tail Number Bin (TNB), bench stock, back shop, DIFM detail, and serviceable turn-in area).

2.4.2. Notify appropriate agency of current status.

2.4.3. Ensure document number “Mark For” is completed.

2.4.4. Verify Mission Capability (MICAP) through Base Supply.

2.5. In accordance with Air Force Instruction (AFI) 21-101, Air Force Reserve Command (AFRC) Sup 1, *Aircraft Equipment and Maintenance Management*, when a required part cannot be delivered and installed on time, the CANN authority may approve the CANN of parts before the initiation of CANN documentation (e.g., Red Ball maintenance).

AARON G. VANGELISTI, Colonel, USAFR
Commander, 433D Airlift Wing

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

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

AFI 21-101, AFRC Sup 1, *Aircraft and Equipment Maintenance Management*, 13 January 2011

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

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

TO 00-20-2, *Maintenance Data Documentation*, 1 November 2012

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*

AF Form 1492, *Warning Tag*

Abbreviations and Acronyms

AGE—Aerospace Ground Equipment

AF—Air Force

AFI—Air Force Instruction

AFRIMS—Air Force Records Information Management System

AFMAN—Air Force Manual

AFPD—Air Force Policy Directive

AFRC—Air Force Reserve Command

AMXS—Aircraft Maintenance Squadron

AWI—Airlift Wing Instruction

CANN—Cannibalization

CFT—Contract Field Team

DIFM—Due in from Maintenance

DMS—Decentralized Material Support

G081—Core Automated Maintenance System (CAMS) for Mobility

IAW—In Accordance With

INSP—inspection

ISO—Isochronal Inspection

MICAP—Mission Capability

MOC—Maintenance Operations Center

MXG—Maintenance Group

MXO—Maintenance Operations

MXQ—Quality Assurance

MXS—Maintenance Squadron

OI—Operating Instruction

OPR—Office of Primary Responsibility

PS&D—Plans, Scheduling and Documentation

RDS—Records Disposition Schedule

Refurb—Refurbishment

TO—Technical Order

Attachment 2**EXAMPLE OF CANNIBALIZATION LETTER**

DD MMM YYYY

MEMORANDUM FOR MXS / AMXS / MXO

FROM: 433 MXG/CC

SUBJECT: Letter of Appointment - Cannibalization Authorization

1. The following individuals are identified as cannibalization authorities in accordance with AFRC Supplement 1 to AFI 21-101 and 433D AWI 21-111. This qualification is tracked on the special certification roster under course code INSP 00159.

(Insert name of individuals)

2. ISO and Refurbishment cannibalizations require authorization from the MXG Commander.

3. UDM/CFT cannibalizations require authorization from the Quality Assurance project officer, MXG/CC or CD.

4. The Hangar Queen Manager, as appointed by the MXG/CC will direct cannibalization actions for Category 2 and Category 3 aircraft.

5. This supersedes letter dated (insert date of last letter).

CHARLES M. COMBS, Colonel, USAFR
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cc:

Each Individual