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Maintenance

AIRFRAME TIME ACCOUNTING

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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The purpose of this 89 AW instruction is to establish local guidance for documenting airframe time on contractor logistics support aircraft. This instruction supplements Air Force policy contained in AFI 11-401, *Flight Management*, AMC Supplement 1, and T.O. 00-20-1, *Aerospace Equipment Maintenance Inspection, Documentation and Policies and Procedures*. Aircrew time will be documented similar to other AF units, however, aircraft maintenance/airframe time will differ from other AF units. This instruction will ensure the 89th Airlift Wing complies with AF policy contained in AFI 21-107, *Maintaining Commercial Derivative Aircraft*, and the FAR 1.1., *Federal Aviation Regulations*.

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

This document is revised to identify governing directives and reflect both military and civilian work force. Revisions in Air Force directives and aircraft maintenance requirements have been incorporated throughout this instruction. The Glossary of References and Supporting Information, **Attachment 1**, has been added.

1. Aircraft Commander responsibilities and procedures:

- 1.1. The aircraft commander completes blocks 1 through 36 and 38 of the AFTO Form 781, Aviation Resource Management Systems (ARMS) (Formerly AFORMS) **Aircrew/Mission Flight Data**, in accordance with AFI 11-401.
- 1.2. Document block 15 of the AFTO Form 781 to reflect the total time in service (wheels up/wheels down) in hours and tenths, as per FAR 1.1.
- 1.3. At the completion of each sortie, document the AFTO Form 781H (blocks 9, 10, 11 and 12) with the airframe time, full stops, total landings, pressure cycles, and engine cycles using the annotated

AFTO Form 781 (block 13 and 15). The aircraft commander validates this information by signing the appropriate line in block 7.

2. Crew Chief responsibilities and procedures:

2.1. During the debrief process, the crew chief reviews the AFTO Form 781 and ensures block 15 information has been transcribed properly to block 9 of the AFTO Form 781H. If the information is not accurate, adjustments to AFTO Form 781H will be made to reflect the proper times.

2.2. Documents time on the AFTO Form 781J, **Aerospace Vehicle-Engine Flight Document**, in accordance with T.O. 00-20-1, ensuring information from block 15 of the AFTO Form 781 and block 9 of the 781H are used.

3. Debriefing responsibilities and procedures:

3.1. The debriefing section manually verifies the total reflected in block 12 of the AFTO Form 781 prior to inputting the takeoff (block 10) and landing (block 11) into the core automated maintenance data system (CAMS).

3.2. Once CAMS entry has been updated, ensure the flight total from CAMS matches the total in block 12 of the AFTO Form 781.

3.3. Notifies the appropriate Plans and Scheduling office (PAG/DynCorp) immediately if the CAMS total time does not match the AFTO Form 781, block 12.

3.4. Forwards the original AFTO Form 781 to the appropriate Plans and Scheduling office (PAG/DynCorp) after the aircrew is debriefed and the times in CAMS are processed. For all presidential missions, forward the completed AFTO Form 781 to PAG/PLSP&S.

4. Plans and Scheduling responsibilities and procedures:

4.1. Resolves dual airframe time accounting errors documented on the AFTO Forms 781, 781H and 781J.

4.2. Subtracts block 15 from block 12 after receipt of the original AFTO Form 781. The difference is to be subtracted in CAMS using screen #700, Operational Time Add/Subtract.

NOTE 1: This subtraction only affects maintenance records, not aircrew time.

NOTE 2: Pay particular attention to the affected month when subtracting. Use (P) previous, for subtractions occurring after 0001 hours on the 1st day of the month if the sortie debriefed prior to 2400 hours on the last day of the previous month.

5. The 99 AS/1 AS Flight Management responsibilities and procedures:

5.1. Picks up original AFTO Form 781 and aircraft utilization reports (AUR) from ASD/MDS NLT 1600 hours daily. Using the applicable AUR and information in blocks 10-14 of the AFTO Form 781, flight management ensures accurate aircrew times are entered into ARMS.

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Commander

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

AFI 11-401, *Flight Management*

T.O. 00-20-1, *Aerospace Equipment Maintenance General Policies and Procedures.*

AFI 21-107, *Maintaining Commercial Derivative Aircraft*

FAR 1.1., *Federal Aviation Regulations*

Abbreviations and Acronyms

AF—Air Force

AFI—Air Force Instruction

AFTO—Air Force Technical Order

AMC—Air Mobility Command

ARMS—Aviation Resource Management Systems

AS—Airlift Squadron

ASD—Andrews Support Division

AUR—Aircraft Utilization Report

CAMS—Core Automated Maintenance System

NLT—Not Later Than

FAR—Federal Aviation Regulations

P—Previous

PAG—Presidential Airlift Group

P&S—Plans and Scheduling

T.O.—Technical Order