BY ORDER OF THE COMMANDER
RAF LAKENHEATH (USAFE)

LAKENHEATH INSTRUCTION 23-503

9 JANUARY 2007

Supply

RECOVERABLE AND UNUSABLE LIQUID PETROLEUM PRODUCTS (FUEL BOWSER PROCEDURES)

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements Air Force Policy Directive (AFPD) 23-5, Reusing and Disposing of Materiel. It sets out policies and procedures relating to AFI 23-502, Recoverable and Unusable Liquid Petroleum Products and TO 42B-1-23, Management of Recoverable and Waste Liquid Petroleum Products. Procedures need to be in place for the efficient collecting, using, and reusing of government-owned petroleum products to the fullest extent possible. It applies to all units assigned to the 48th Fighter Wing (FW). Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF IMT 847, Recommendation for Change of Publication; route AF IMT 847s from the field through Major Command (MAJCOM) publications/forms managers. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 37-123, Management of Records, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at **https://afrims.amc.af.mil**.

1. 48 FWFuel Bowsers User Responsibilities.

1.1. Tow bowser to the Aerospace Ground Equipment (AGE) Servicing Pump overhang. Component Maintenance Squadron (CMS) Fuel Cell Facility will leave bowser in place.

1.2. Set parking brake and attach grounding clip to earth ground strip.

1.3. Indicate date, time and unit number on placard to verify sufficient settling time.

1.3.1. The user will notify Maintenance Operations Control (MOC) of the indicated date/time/unit number**. Note:** Bowser is required to sit undisturbed for a minimum of 8 hours to allow for water/sediment to settle out of the fuel.

1.3.2. MOC will notify the user when the 8 hours has transpired.

1.3.3. The user will remove water/sediment and dispose of IAW local procedures.

1.4. Once settling period is complete and contaminants removed, MOC will contact the Fuels Resource Control Center (RCC) at 226-3119 and request a sample be drawn and tested by Petroleum, Oils and Lubricants (POL) laboratory personnel.

1.4.1. If tests are within standard, POL will approve the fuel for reclamation. The user will tow bowser to Facility 1910 fuel off-loading headers where a second sample will be taken. POL technicians will reclaim fuel.

1.4.2. If fuel is determined un-reclaimable, user will tow bowser to Hazardous Waste Facility for proper disposal as waste fuel.

1.4.3. Maintain fuel bowser lock keys for all assigned bowsers in each of the Aircraft Maintenance Unit Support Sections to ensure positive accountability for all products introduced into the bowser.

2. 48th Logistics Readiness Squadron POL Responsibilities.

2.1. POL Responsibilities.

2.1.1. Draw fuel sample when requested from the bowser at the 48th Equipment Maintenance Squadron AGE Fuel Pump Overhang, CMS Fuel Cell Facility, or other location where bowser has been allowed to settle for the required 8 hours.

2.1.2. Test fuel to determine quality.

2.1.2.1. Visually inspect for contaminates. If contaminates (water, dirt, etc.) are present, the user is responsible for removal and waste disposal.

2.1.2.2. If the fuel is determined to be reclaimable:

2.1.2.2.1. Reclaim fuel – Return to bulk storage inventory.

2.1.2.2.2. Credit Aircraft Maintenance Squadron for reclaimed fuel.

2.2. AGE Flight Responsibilities:

2.2.1. Perform Phase I, Phase II, and Special Inspections in accordance with all applicable technical orders and workcards.

2.2.2. Provide quality control/oversight during contaminate users' removal process.

2.2.3. Tow empty fuel bowsers from POL or Hazardous Waste Facility to flight line parking locations.

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Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

AFI 23- 502, *Recoverable and Unusable Liquid Petroleum Products*

AFMAN 37-139, *Records Disposition Schedule*

TO 42B-1-23, *Management of Recoverable and Waste Liquid Petroleum Products*

Abbreviations and Acronyms

AFI—Air Force Instruction

AFMAN—Air Force Manual

AFSC—Air Force Specialty Code

AGE—Aerospace Ground Equipment

AMU—Aircraft Maintenance Unit

CMS—Component Maintenance Squadron

FW—Fighter Wing

HPO—Hourly Post Flight

IAW—In Accordance With

LAK—Lakenheath

LRS—Logistics Readiness Squadron

MOC—Maintenance Operations Center

MXG—Maintenance Group

MXG/CC—Maintenance Group Commander

MXG/CD—Maintenance Group Deputy Commander

POL—Petroleum, Oils and Lubricants

RAF—Royal Air Force

RCC—Resource Control Center