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NATO STANDARD

AFLP-7017

SPECTOMETRIC ANALYSIS OF AIRCRAFT ENGINE LUBRICANTS

Edition A Version 1

JUNE 2016



NORTH ATLANTIC TREATY ORGANIZATION

ALLIED FUELS AND LUBRICANTS PUBLICATION

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NORTH ATLANTIC TREATY ORGANIZATION (NATO)

NATO STANDARDIZATION OFFICE (NSO)

NATO LETTER OF PROMULGATION

20 June 2016

1. The enclosed Allied Fuels and Lubricants Publication AFLP-7017, Edition A, Version 1 SPECTOMETRIC ANALYSIS OF AIRCRAFT ENGINE LUBRICANTS, which has been approved by the nations in the Petroleum Committee, is promulgated herewith. The agreement of nations to use this publication is recorded in STANAG 7017.
2. AFLP-7017, Edition A, Version **1** is effective upon receipt.
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4. This publication shall be handled in accordance with C-M(2002)60.



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RECORD OF SPECIFIC RESERVATIONS

[nation]	[detail of reservation]
DEU	Basically consists of technical point of view the agreement with STANAG. The possibility of the participation in the Spectrometer Correlation Program is under review. Therefore, the ratification and implementation can be agreed only conditionally.
GRC	The requirements cited in paragraphs 0102 (c) and 0102 (d) of AFLP-7017 are not being implementing by HAF.
Note: The reservations listed on this page include only those that were recorded at time of promulgation and may not be complete. Refer to the NATO Standardization Document Database for the complete list of existing reservations.	

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SECTION 1	GENERAL	1-1
SECTION 2	COORDINATION CONTACTS	2-1

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SECTION 1 GENERAL

0101. Participating nations are to provide analytical support for transient NATO aircraft engine lubricants for condition monitoring purposes.

0102. Spectrometric oil analysis (SOA) laboratories shall:

- a. When practicable, analyze aircraft engine lubricants upon request of transient aircraft commanders.
- b. Provide spectrometric results and assistance in interpretation to the aircraft commander for purposes of aircraft engine condition assessment. It is the responsibility of the transient aircraft commander to determine the significance and utility of the spectrometric data provided by the host nation.
- c. Participate monthly in the spectrometric correlation program managed by the Air Force Oil Analysis Program, Tinker AFB, Oklahoma City, Oklahoma. Correlation results shall be distributed monthly to each laboratory to aid the host nation and transient aircraft commanders in determining laboratory capability to provide useful data.
- d. Employ only spectrometers enrolled in the JOAP correlation program and follow the recommended sampling, analytical, and diagnostic procedures for transient aircraft lubricant analysis as established in the JOAP Manual. Deviations shall be reported to the transient aircraft commander.

0103. This STANAG/AFLP is implemented upon Nations' issuance of instructions to their forces regarding terms of the agreement, Nations' monthly participation in the correlation program, and Nations' capability and commitment to analyze transient aircraft engine lubricants and provide those data to the aircraft commander with assistance in engine condition assessment as requested.

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SECTION 2 COORDINATION CONTACTS

COORDINATION CONTACTS

0201. The US Joint Oil Analysis Program is run as a cooperative program among the three Service Oil Analysis Program with each Service taking responsibility for specific tasks. These tasks are listed below along with:

- a. Spectrometer Correlation Program.
 USAF Oil Analysis Program
 Email: af.oil.analysis@us.af.mil
 Tinker AFB, Oklahoma

 Primary POC:
 Shawmarie James
 Phone: 405-734-5116
 Email: shawmarie.james.1@us.af.mil

 Alternate POC:
 MSgt James Killian
 Phone: 405-739-7773
 Email: James.Killian@tinker.af.mil
- b. Spectrometer Electrodes Testing Program
 US Army Oil Analysis Program
 Redstone Arsenal, Huntsville Alabama

 Primary POC:
 Michael Drylie
 Phone: 256-955-0866
 Email: michael.e.drylie2.civ@mail.mil

 Alternate POC:
 James Baker
 Phone: 256-876-4446
 Email: james.baker22@us.army.mil

- c. JOAP Program Manual
US Navy Oil Analysis Program
Naval Air Warfare Center, Aircraft Division, Patuxent River MD

Primary POC:
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