Evaluation of ARA Catalytic Hydrothermolysis (CH) Fuel

Continuous Lower Energy, Emissions and Noise (CLEEN) Program

Submitted by Pratt & Whitney

DOT/FAA/AEE/2014-08

The Continuous Lower Energy, Emissions and Noise (CLEEN) Program is a Federal Aviation Administration NextGen effort to accelerate development of environmentally promising aircraft technologies and sustainable alternative fuels. The CLEEN Program is managed by the FAA's Office of Environment and Energy.

The report presented herein is a report deliverable submitted by Pratt & Whitney for a project conducted under the CLEEN Program to evaluate the feasibility of selected alternative fuels as viable drop-in replacements to petroleum jet fuel. This project was conducted under FAA other transaction agreement (OTA) DTFAWA-10-C-00041. This is report number DOT/FAA/AEE/2014-08 by the FAA's Office of Environment and Energy.

Pratt & Whitney
400 Main Street
East Hartford, CT 06108

Pratt & Whitney
A United Technologies Company

In reply please refer to:
SSC:DTFAWA-10-C-00041/15

30 April 2014

FEDERAL AVIATION ADMINISTRATION
Jared Tritle, Contracting Officer
800 Independence Avenue, SW
Room 402
Washington, D.C. 20591

Subject: FINAL REPORT, PUBLIC RELEASE VERSION, **FR-27652-2a**

Reference: Contract No. DTFAWA-10-C-00041, Item No. 15

In accordance with the applicable requirements under the referenced contract, Pratt & Whitney herewith submits one (1) copy of the Public Release version of the Final Report for the subject contract.

Sincerely,

Sarah S. Christopher

Sarah Christopher
Program Data Manager

With enclosure:
FEDERAL AVIATION ADMINISTRATION
Gonca Birkan, Contracting Officer's Technical Representative
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CONTINUOUS LOWER ENERGY, EMISSIONS, AND NOISE (CLEEN) PROGRAM

APPLIED RESEARCH ASSOCIATES (ARA) CATALYTIC HYDROTHERMOLYSIS (CH)

Prepared for
FAA Office of Environment and Energy

Prepared under
Contract No. DTFAWA-10-C-00041

In Response to
CDRL No. 15

Prepared by
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