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ARMY AIR FORCES
HEADQUARTERS OF THE MATERIEL COMMAND

/WASHINGTON/D/C/ JHO:jjb:HQP
Wright Field, Dayton, Ohio
21 February 1944

CT9 file

10494

TECHNICAL INSTRUCTIONS

Serial No.: CTI-1509, Addendum No. 2

mx-512

Subject: Program for Fuel Research, Development and Test.

To: Engineering Division ✓

1. Problem Presented:

a. To supplement the Fuel Research, Development and Test Program outlined in the original CTI and Addendum I thereto.

2. Factual Data:

a. As a result of a conference between Bureau of Aeronautics, Petroleum Administration for War, and Army Air Forces representatives, held at Office AC/AS, MM&D, on 10 and 11 February 1944, a supplementary program on the development of improved grades of aviation fuel was agreed upon for the Army Air Forces. A copy of a report on the above mentioned conference held on 10 February 1944, is attached hereto.

b. In connection with the above, it is to be noted that the Bureau of Aeronautics has not concurred in any of the recommendations, but has requested that an opportunity be granted to further review and study the entire program prior to commitment. Such action is now being taken and it is expected that the Army Air Forces will be furnished comments and recommendations by the Bureau of Aeronautics in the near future.

3. Authority:

a. Commanding General, Army Air Forces. By letter dated 14 February 1944, subject as above, received from Chief, Materiel Division, Office, AC/AS, MM&D.

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4. Action Desired:

a. To initiate a test program as soon as possible in accordance with recommendations outlined in the attached report. In connection therewith, the current test program of Grade 94/114 fuel should be continued to completion in all phases since data on the use of 6.0 milliliters of tetraethyl lead and 3% xylidine used in Grade 94/114 fuel will be directly applicable to the new nominal Grade 104/150 fuel.

b. The Chief, Materiel Division, AC/AS, MM&D, is to be furnished with a comprehensive test program of nominal Grade 104/150 fuel covering all applicable phases of tests deemed necessary, together with the amount of fuel required to accomplish same.

By Command of Major General BRANSHAW:

T. A. Sims
T. A. SIMS,
Colonel, Air Corps,
Deputy Chief of Staff.

Attach:
Cy Rpt ENG-283 Dtd 2/12/44

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