

McKenny Van

From: McAtee Nancy
Sent: Friday, July 10, 2015 1:40 PM
To: McKenny Van
Cc: Budinski Michael
Subject: Email report for WPR15LA137
Attachments: WPR15LA137 fuel testing report.pdf

Van,

A sample of fuel from the this accident aircraft was sent to an independent, third-party laboratory for analysis. The test report was sent to the Material Laboratory for review. The sample was examined using ASTM D2887 (*Standard Test Method for Boiling Range Distribution of Petroleum Fractions by Gas Chromatography*) to determine what type of fuel was present in the sample. The distillation results for this sample were consistent with aviation gasoline (100LL). A copy of the test report is attached to this email.

If you have any other question, please let me know.

Nancy B. McAtee
Chemist
RE-30

NATIONAL TRANSPORTATION SAFETY BOARD
 490 L'ENFANT PLAZA EAST, SW
 20594, WASHINGTON
 United States
 998707001

Attention of : Mrs. N. Mcatee
 Your reference : Fuel testing for two samples

Analysis Report

Report number : 13090/00006625.0/L/15 Date of sampling : 05-15-2015
 Main Object : Submitted samples Place of sampling :
 Report Date : 05-27-2015 Date received : 05-19-2015
 Date of issue : 05-20-2015 Date completed : 05-19-2015
 Sample object : Submitted samples Sample number : 2467148
 Sample type : Submitted
 Sample submitted as : Avgas (Accident # WPR15LA137)
 Marked : Container Submitted samples for analysis only (Accident # WPR15LA137)

NAME	METHOD	UNIT	RESULT
Simulated Distillation	ASTM D 2887		
IBP (0.5%)		°F	141
5% recovered		°F	170
10% recovered		°F	191
15% recovered		°F	202
20% recovered		°F	204
25% recovered		°F	205
30% recovered		°F	206
35% recovered		°F	207
40% recovered		°F	223
45% recovered		°F	228
50% recovered		°F	235
55% recovered		°F	237
60% recovered		°F	238
65% recovered		°F	238
70% recovered		°F	239
75% recovered		°F	240
80% recovered		°F	240
85% recovered		°F	241
90% recovered		°F	250
95% recovered		°F	253
FBP (99.5%)		°F	327

Signed by: Francine Hanby - Laboratory Manager II
 Issued by: Saybolt LP
 Place and date of issue: Carson - 05-20-2015

Uncertainties apply in the evaluation of the test results. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or uncertainty, we refer to the interpretation of test results as defined in ASTM D3244, IP 367 or ISO 4259.