



July 16, 2015

Mallie Seckinger
Aviation Clean Air
123 Westside Blvd.
Pooler, GA 31322

Dear Mallie:

Thank you for choosing UL Environment and its ISO 17025 accredited testing laboratories for your analytical needs. Attached is the final report, which presents the test protocols and resulting data.

We appreciate this opportunity to assist you. If you have any questions or wish to discuss your results, please feel free to contact us at (888) 485-4733.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. Elliott Horner'.

W. Elliott Horner, PhD, LEED® AP
Lead Scientist

Attachment: Report: 18177-02



PROJECT SUMMARY

UL Environment is pleased to present the test results for the air cleaner identified as “SN00026, Aviation Component” model, as submitted by Aviation Clean Air. The requested test protocol for this project was to determine compliance with the UL 867 Ozone test method/requirements.

UL Environment did not select the samples, determine whether the samples were representative of production samples, witness the production of the test samples, nor were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results apply only to the actual samples tested.

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This report and the accompanying report 18177-01 will serve that all tests on the subject products have been completed. This concludes all work associated with Project 18177 and we are therefore closing this project.

ENVIRONMENTAL CHAMBER TEST REPORT FOR OZONE EMISSIONS TESTING

Maximum Measured Ozone Emission Concentration (ppm)	Maximum Allowed Ozone Concentration per UL 867 (ppm)
0.028 (0.026 rolling avg)	0.050

Customer: Aviation Clean Air

Sample Identification: 18177-021AA

Product Description: AIR CLEANER; SN00026, Aviation Component

Product Loading: 1 unit / 31.1 m³

Test Conditions: 1.30 ± 0.05 ACH
50% RH ± 5% RH
25°C ± 2°C

Test Period: 07/08/15

Test Description: The product was received by UL Environment on 06/29/15 as packaged and shipped by the customer. The package was visually inspected and stored in a controlled environment. The product was then loaded into the chamber and monitored for ozone emissions over an 8-hour period.

Ozone analysis conducted using a TEI Model 49i UV-absorbance based analyzer with a detection limit of 0.5 ppb (0.0005 ppm).

Figure 1. 8 Hour Ozone Concentration Plot

