## APPLIED CONSUMER SERVICES, INC.

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Date: February 12, 2007

L/N: 13407

Report to: Mr. Gerald Rowley

VAPSTER, INC. 4552 Highgate Drive

Delray Beach, FL 33445

Subject: Patented Pre-Heater "Vapster" For Automobile Engines

Report of: Mileage Tests of Pre-Heater Installed on 4-Cyclinder Engine.

Method: Mileage Tests With Pre-Heater. See ACSI Test Method 140-2007

## INTRODUCTION

On February 9, 2007, I witnessed four mileage tests for the client's 1993 Mazda with an installed patented Vapster Fuel Vaporizing System on top of the 4-cylinder engine. I accompanied the client for a round-trip to Punta Gorda, Florida, starting at 8:50 AM and would assist taking data and filling the auxiliary 1.0 gallon tank using Shell 89 octane gas. For each test when the tank went dry and the car stopped, one gallon of gasoline was added (measured using a lab calibrated one gallon HDPE bottle). We started the tests at the beginning of U.S. 75 going west to Naples and continued north to Punta Gorda. We returned the same way and arrived back to the lab at 5:00 PM. The miles for each one-gallon test, the temperature of the top of the engine block with the pre-heater, the engine rpm's, the wind direction, and the driving speed (65 mph) would be recorded for each test. The mileage increase using the Vapster would be determined for the four test runs.

## RESULTS

Results are summarized in Tables I and II. See the protocol in the Appendix.

## CONCLUSIONS

Four test runs gave an average mileage increase of 28.7% above the four controls

Report by: Burch Stewart, Ph.D.

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