

EPA-460/2-76-001

July 1976

**SHORT TEST CORRELATION
TESTING OF 147 IN-USE
1974 MODEL YEAR
LIGHT DUTY VEHICLES**



**U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Mobile Source Air Pollution Control
Emission Control Technology Division
Ann Arbor, Michigan 48105**

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Prepared for

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A. EMISSION TEST RESULTS

1. Introduction and Summary

Implementation of Section 207(b) of the Clean Air Act, the warranty provision, is contingent upon the identification of a short test (or short tests) that yields emission results that are "reasonably capable of being correlated with" emission results obtained by the Federal Test Procedure (FTP). Between October 31, 1974 and April 1, 1975, the Environmental Protection Agency (EPA) tested 147 1974 model year vehicles for the purpose of gathering data to be used for the evaluation of the degree of correlation that exists between emissions as measured by the FTP and by five short tests. Testing was performed at EPA's Motor Vehicle Emission Laboratory in Ann Arbor, Michigan.

The five short tests evaluated in this program are: the Clayton Key Mode; the Federal Three Mode; a High Speed Unloaded Test; the Federal Short Cycle; and a composite of the New Jersey ACID test and the New York Short Test. The short tests were performed sequentially following the 1975 FTP (minus the evaporative emissions test procedures). The short tests are described in detail in 2.3.3-2.3.7.

The test vehicles in this project were 1974 privately owned Ford Pintos, Plymouth Satellites, Dodge Chargers, Dodge Coronets, Chevrolet Impalas, and Chevrolet Caprices. The vehicles were borrowed from individuals in Wayne County, Michigan by Olson Labs and sent to EPA for testing.

The 48 Ford Pintos tested were equipped with: 2.3 litre (140 cubic inch) displacement four-cylinder engines; two-venturi carburetors; Air Injection Reactor systems; automatic transmissions; 3.4 to 1 axle ratios; and original equipment size tires. The inertia test weight of the Pintos was 2750 lbs.

The 48 Chevrolet Caprices/Impalas tested were equipped with: 400 cubic inch displacement V-8 engines; two-venturi carburetors; EGR and AIR systems; automatic transmissions; 2.73 to 1 axle ratios; original equipment-size tires; air conditioning; power steering; and power brakes. The inertia test weight of these vehicles was 5500 lbs.

The 51 Plymouth Satellites/Dodge Chargers/Coronets tested were equipped with 318 cubic inch displacement engines; two-venturi carburetors; EGR systems; automatic transmissions; 2.71 to 1 axle ratios; original equipment-size tires; air conditioning; and power steering and power brakes. The inertia test weight of these vehicles was 4,000 lbs.

The vehicles were tested using Indolene 30 test fuel. All vehicles were soaked for a minimum of 12 hours prior to running the FTP. The evaporative emission portion of the FTP was omitted for all vehicles tested.

Preliminary FTP results were obtained for all vehicles to determine whether or not any of the applicable standards were exceeded. Twenty-five of the test vehicles whose HC, CO, or NO_x emissions exceeded the standards were given minor tune-ups, consisting of adjustments of idle rpm, idle CO, timing, and dwell. These vehicles were then retested by the full FTP and short test sequence.

Upon completion of testing all vehicles, the test data gathered was keypunched, recorded on tape, and transmitted to Aerospace Corporation in El Segundo, California for statistical analysis.

2. Test Procedures

2.1 General:

Upon receipt of each test vehicle at the EPA Laboratory from Olson Labs, a visual inspection was made and the vehicle's condition was recorded. The fuel tank was then drained and refilled to approximately 80% of capacity (to the nearest gallon) with Indolene 30 test fuel. The vehicle was then preconditioned by running it through an LA-4 on a dynamometer with no collection of emission data. A minimum 12 hour soak at 68°-86°F then preceded the performance of the full FTP-short test sequence.

Mass analysis of the exhaust samples taken during the Federal Short Cycle and NJ/NY Composite Cycle was found to be difficult due to the small sample volume obtained. The sample volume tended to become depleted before analyzer stabilization could be obtained. In order to assure sufficient sample volume for analysis, the sample rate was increased to the maximum for these two short tests only. This provided sufficient sample volume for analysis.

2.2 Test Sequence:

Emission testing was conducted sequentially in the following order:

1. LA-4 preconditioning (no data collected)
2. 12 hour soak
3. 1975 FTP, minus evaporative procedures.
4. 6 minute soak
5. Clayton Key Mode
6. 6 minute soak
7. Federal Three Mode
8. 6 minute soak
9. High Speed Unloaded Test
10. 6 minute soak
11. Federal Short Cycle
12. 6 minute soak
13. NJ/NY Composite Test

2.3 Test Descriptions:

2.3.1 Federal Test Procedure (FTP):

The 1975 FTP was performed on all 147 test vehicles per 37 Federal Register 221, Section 87.075-9 through 85.075-26. The evaporative emissions test portion was omitted in all cases. Vehicle preconditioning consisted of one LA-4 followed by a minimum 12 hour soak.

Upon completion of the preceding test, the vehicle engine was turned off, the hood closed if it was open, and the auxilliary cooling fan turned on if it was not previously in use. The fan remained in operation for three minutes, after which period it was turned off and the vehicle engine started. The engine was allowed to idle in neutral for three minutes. Upon completion of this period the next test in the sequence was initiated.

2.3.3 Clayton Key Mode:

This short test consists of three loaded steady-state operating conditions during which exhaust samples were taken by the volumetric procedure. The test vehicle was operated in each mode until emissions stabilized. The vehicles' hood remained closed and the auxilliary cooling fan was off for the duration of this test. Dynamometer loadings for this test were as follows:

<u>Vehicle Test Weight (lbs.)</u>	<u>Trans mission Range</u>	<u>Dyno Load hp@mph</u>	<u>High Speed Cruise (mph)</u>	<u>Low Cruise Cruise (mph)</u>	<u>Idle</u>
2000-2750	Lower (3rd) gear	15 @ 38	36 to 38	22 to 25	Automatic
2800-3750	Drive or High Gear	24 @ 46	44 to 46	29 to 32	Transmission in Drive
3800 and up	Drive or	30 @ 50	48 to 50	32 to 35	

2.34 Federal Three Mode:

This short test consists of three steady-state operating conditions (similar to the Clayton Key Mode) with dynamometer loads simulating the average power that occurs at the appropriate speed on the FTP. Emissions were measured by the Volumetric procedure for each mode. The test vehicles were operated in each mode until the emissions stabilized, with the hood closed and the auxilliary cooling fan off. Dynamometer loadings were as follows:

<u>Vehicle Test Weight (lbs)</u>	<u>Trans- mission Range</u>	<u>High Speed Mode Speed (mph)</u>	<u>Load (hp)</u>	<u>Low Speed Mode Speed (mph)</u>	<u>Load (hp)</u>	<u>Idle Mode</u>
up to 2500	Lower gear for 30 mph (3rd) gear)	50	21	30	9	Automatic Transmission in neutral
2501-3500	Drive or high gear	50	26	30	12	
3501-4500	Drive or high gear	50	31	30	15	
above 4501	Drive or high gear	50	36	30	18	

The dynamometer loadings and transmission shift points followed the requirements for the FTP.

2.3.5 High Speed Unloaded Test:

Exhaust emissions were measured at an engine speed of 2500 + 100 rpm with the transmission in neutral. The vehicle was operated in this mode until the emissions stabilized. The time to reach stabilization was recorded. The vehicle hood was closed and the cooling fan was not in use.

2.3.6 Federal Short Cycle:

This is a 125 second, nine-mode CVS test which follows the driving schedule shown below:

<u>Mode</u>	<u>Time in Mode (seconds)</u>
0-16 mph acceleration	6
16-29 mph acceleration	23
29 mph cruise	10
29-37 mph acceleration	18
37-42 mph acceleration	4.5
42-37 mph deceleration	2.5
37-20 mph deceleration	32
20-0 mph deceleration	7.5
Idle	21.5
TOTAL	125.0 seconds

The dynamometer loadings and transmission shift points follow the procedure required for the FTP.

2.3.7 Composite of the New Jersey ACID Test and the New York

Short Test (NJ/NY Composite Test):

This is a six mode, CVS test of 75 seconds duration which follows the driving schedule shown below:

<u>Mode</u>	<u>Time in Mode (seconds)</u>
Idle	22
0-30 mph acceleration	15
30 mph cruise	15
30-10 mph deceleration	12
10 mph cruise	7
10-0 mph deceleration	4
Total	75 seconds

All vehicles were tested at an inertia test weight of 3000 lb. and 3.5 hp @ 30 mph. Transmission shift points follow requirements of the FTP. The auxilliary cooling fan was off during this test.

2.4 Retest After Minor Tune-up:

If preliminary FTP emission results indicated that a test vehicle exceeded appropriate HC, CO, or NO_x standards (which, for 1974 model year vehicles tested by the 1975 FTP are 3.02, 28.0 and 3.1 grams per mile, respectively), then that vehicle received a minor tune-up consisting of adjusting the timing, idle rpm, idle CO, and dwell (if applicable). No parts were otherwise removed, added, or altered. An inspection form was filled out for each vehicle listing parameters checked both before and after tune-up: manifold vacuum; ported vacuum; spark plug condition; timing; idle rpm; idle CO; and dwell.

Following the tune-up, the retest vehicles were allowed to soak for at least 12 hours and then retested by the full FTP/short test sequence. The original test sequence served as preconditioning.

A total of 25 vehicles (4 Ford Pintos, 17 Plymouth Satellites/ Dodge Coronets/Chargers, and 4 Chevrolet Impalas/Caprices) were tuned-up and retested.

3. Test Equipment

3.1 Analyzers:

Hydrocarbon measurements were made by flame ionization detection (FID) instrumentation, carbon monoxide and carbon dioxide by non-dispersive infrared (NDIR) instrumentation, and oxides of nitrogen measurements were made by chemiluminescence (CL) instrumentation. Continuous trace measurements were taken for the volumetric (non-CVS) procedure short tests but not for the FTP or two CVS-type short tests.

3.1.1 CVS Analyzers:

Major equipment used for CVS measurements are as follows:

Hydrocarbon measurements were made with a Beckman 315A FID analyzer with the following full scale ranges:

- 0-50 ppm carbon
- 0-100 ppm carbon
- 0-250 ppm carbon
- 0-1000 ppm carbon

Carbon monoxide measurements were made with a Bendix 8501-5D NDIR analyzer with the following full scale ranges:

- 0-50 ppm carbon monoxide
- 0-250 ppm carbon monoxide
- 0-500 ppm carbon monoxide
- 0-1000 ppm carbon monoxide
- 0-5000 ppm carbon monoxide

Carbon dioxide measurements were not taken for all 147 test vehicles due to technical and logistical complications. The carbon dioxide measurements that were taken are not reported in Appendix A for this reason. The instrument used to measure carbon dioxide concentrations was a Bendix 8501-5D NDIR analyzer with the following full-scale ranges:

0-1% carbon dioxide
0-3% carbon dioxide
0-5% carbon dioxide

Oxides of nitrogen measurements were made by a Teco 10 chemiluminescence (CL) analyzer which incorporates a thermal converter for the conversion of nitrogen dioxide (NO₂) to nitric oxide (NO). The NO analyzer full scale ranges were :

0-50 ppm NO
0-100 ppm NO
0-250 ppm NO
0-1000 ppm NO

3.1.2 Volumetric Procedure Analyzers

Non-CVS short test emission measurements were continuously monitored on strip-chart recorders by the following instrumentation:

Hydrocarbons were measured by a Beckman 400 FID analyzer using 40% H₂-60%N₂ fuel with the following full scale ranges:

0-100 ppm carbon
0-300 ppm carbon
0-1000 ppm carbon
0-2500 ppm carbon

Carbon monoxide was measured by an MSA

NDIR analyzer with the following full scale ranges:

0-1.0% carbon monoxide
0-2.0% carbon monoxide
0-5.0% carbon monoxide
0-10.0% carbon monoxide
0-15.0% carbon monoxide

Carbon dioxide measurements were only made for a limited number of test vehicles due to technical and logistical complications. The carbon dioxide measurements that were made are not reported in the emission test results in Appendix A. The measurements taken were made with an MSA NDIR analyzer with the following full scale ranges:

0-1.0% carbon dioxide
0-2.5% carbon dioxide
0-5.0% carbon dioxide
0-10.0% carbon dioxide
0-15.0% carbon dioxide

Oxides of nitrogen measurements were made by a Teco 10 CL analyzer which incorporates a thermal converter for the conversion of NO₂ to NO. The NO analyzer full scale ranges were:

0-250 ppm NO
0-2000 ppm NO
0-5000 ppm NO

3.1.3 Garage—Type Instrumentation:

An Horiba MEXA 300 garage-type portable analyzer was used for measurement of undiluted HC and CO exhaust emissions. Full scale ranges for this instrument were 0-1000 ppm/C and 0-5%/CO.

3.2 Other Test Equipment:

3.2.1 Constant Volume Sampler (CVS):

The CVS unit used in this program was an AMI positive displacement pump which conforms to specifications in 37 Federal Register 221, 85.075-20. The Laminar Flow Element used for calibration of the CVS was a Merian 50 MC 2-4.

3.2.2 Dynamometer:

The dynamometer used in the 207(b) testing was a Clayton Variable Inertia Flywheel dynamometer with water brakes. This dynamometer is equipped with 250 pound increment inertia loading weights (below 3000 pounds inertia weight) and road-loading characteristics. This dynamometer is suitable for use in emission testing for vehicles with inertia weights of up to 5500 pounds.

3.2.3 Strip-Chart Recorders:

Continuous trace data were collected during the non-CVS (volumetric procedure) short test using Texas Instruments 10mV Serva-Riter II recorders. The chart speed used was six inches per minute.

4. Test Data

4.1 Vehicle Information:

Vehicle information that was recorded for each test vehicle consisted of: vehicle identification number (which was the Michigan license plate number for this program); test number; test date; engine displacement; carburetion; transmission type; emission control systems; inertia weight; curb weight; horsepower settings; and idle rpm.

4.2 Test Conditions:

Test condition data consisted of: Ambient wet-bulb and dry-bulb temperatures; barometric pressure; and relative humidity.

4.3 Mass Emission Calculations

Mass emissions were calculated for the FTP in grams per mile according to 37 Federal Register 221, 85.075-26. Mass emissions for the Federal Short Cycle were calculated using the following formula:

$$m = Vcd/a$$

Where:

m= mass emissions in grams per mile

V= total CVS flow=volume per revolution times revolution count

d= density of the exhaust component

c= measured concentration in the bag less background concentration

a= cycle length in miles (0.7536)

Measured concentration values for the NJ/NY Composite test are reported but were not converted into mass emission values. The concentration values for the volumetric procedure tests were reported as such.

4.4 Emission Test Results:

Short test and FTP results for HC, CO, and NO_x are presented in Appendix A, along with vehicle data and test condition data.

4.5 Data Analysis:

The emission test results were keypunched and transferred onto magnetic tape. This tape was sent to the Aerospace Corporation in El Segundo, California for statistical analysis upon completion of data collection.

**APPENDIX A:
EMISSION TEST RESULTS**

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 15-8458
 RETEST : NO
 MICH LIC. NO. : LKP835

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 15.0@ 700 RPM
 ODOMETER : 19714 MI
 WET BULB TEMP : 58.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.02 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.86	50.15	1.00
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1160.4	4025.9	541.7
LO SPEED MODE (PPM)	718.4	8267.3	198.1
IDLE MODE (PPM)	509.9	9256.4	92.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1244.6	10898.3	622.5
LO SPEED MODE (PPM)	729.6	9901.8	244.2
IDLE MODE (PPM)	357.3	6108.9	102.5
FEDERAL SHORT CYCLE (GPM)	1.71	32.68	0.84
FEDERAL SHORT CYCLE (PPM)	108.4	1024.7	18.5
NJ/NY COMPOSITE TEST (PPM)	77.8	1100.1	15.4

207(R) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 15-8452
RETEST : NO
MICH LIC. NO. : LMR535

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 7.0@ 750 RPM
ODOMETER : 15845 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 77.5 F
BAROMETER : 28.98 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.32	28.62	4.91
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	541.1	5233.6	1168.7
LO SPEED MODE (PPM)	667.8	6157.7	699.8
IDLE MODE (PPM)	885.2	6108.9	316.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	553.1	5816.6	1298.5
LO SPEED MODE (PPM)	712.2	6450.6	848.3
IDLE MODE (PPM)	347.2	4701.0	185.1
FEDERAL SHORT CYCLE (GPM)	1.11	31.06	3.01
FEDERAL SHORT CYCLE (PPM)	71.0	984.9	66.1
NJ/NY COMPOSITE TEST (PPM)	50.4	424.4	34.8

207(R) TFST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-8437
RETEST : NO
MICH LIC. NO. : PMX591

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 6.0@ 625 RPM
ODOMETER : 15799 MI
WET BULB TEMP : 69.5 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.87 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.50	56.27	2.15
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	309.9	3067.0	505.8
LO SPEED MODE (PPM)	451.6	8909.7	124.6
IDLE MODE (PPM)	1062.3	36903.5	50.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	333.2	4074.0	636.7
LO SPEED MODE (PPM)	626.1	11899.0	163.9
IDLE MODE (PPM)	687.5	20541.6	63.6
FEDERAL SHORT CYCLE (GPM)	1.14	58.17	0.89
FEDERAL SHORT CYCLE (PPM)	72.9	1848.1	14.9
NJ/NY COMPOSITE TEST (PPM)	72.7	1984.5	7.6

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 15-8426
RETEST : NO
MICH LIC. NO. : RYH388

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 575 RPM
ODOMETER : 16642 MI
WET BULB TEMP : 66.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 28.96 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.53	43.67	1.99
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	193.5	2590.1	420.0
LO SPEED MODE (PPM)	357.7	4894.5	118.5
IDLE MODE (PPM)	1146.6	22347.4	73.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	204.1	4122.2	486.7
LO SPEED MODE (PPM)	398.6	4604.4	178.7
IDLE MODE (PPM)	305.3	8613.0	71.2
FEDERAL SHORT CYCLE (GPM)	0.94	27.99	1.31
FEDRAL SHORT CYCLE (PPM)	60.7	894.5	24.1
NJ/NY COMPOSITE TEST (PPM)	62.1	1027.9	12.2

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-8420
 RETEST : NO
 MICH LIC. NO. : JWP551

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 14.0@ 525 RPM
 ODOMETER : 20509 MI
 WET BULB TEMP : 67.2 F
 DRY BULB TEMP : 73.5 F
 BAROMETER : 29.15 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.34	52.13	2.08
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	499.9	3067.0	455.7
LO SPEED MODE (PPM)	674.2	8316.7	191.6
IDLE MODE (PPM)	1904.4	27241.4	102.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	531.6	3737.5	541.7
LO SPEED MODE (PPM)	761.3	10150.6	206.7
IDLE MODE (PPM)	729.6	12853.1	104.5
FEDERAL SHORT CYCLE (GPM)	1.76	36.43	1.26
FEDERAL SHORT CYCLE (PPM)	111.8	1146.6	22.3
NJ/NY COMPOSITE TEST (PPM)	82.2	1121.2	10.6

 207(R) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CORONET
 TEST NO. : 15-8413
 RETEST : NO
 MICH LIC. NO. : PWF882

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 675 RPM
 ODOMETER : 18878 MI
 WET BULB TEMP : 65.5 F
 DRY BULB TEMP : 75.5 F
 BAROMETER : 29.28 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.44	68.12	3.28
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1944.3	3067.0	1469.0
LO SPEED MODE (PPM)	2671.0	4266.7	1643.1
IDLE MODE (PPM)	3405.8	48428.0	153.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1904.4	4218.5	1305.1
LO SPEED MODE (PPM)	2535.1	3401.8	1901.4
IDLE MODE (PPM)	2735.0	39742.3	248.6
FEDERAL SHORT CYCLE (GPM)	2.62	37.21	4.63
FEDERAL SHORT CYCLE (PPM)	164.4	1157.3	80.1
NJ/NY COMPOSITE TEST (PPM)	114.4	1262.2	24.8

207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY. SATELLITE
TEST NO. : 16-8396
RETEST : NO
MICH LIC. NO. : JZC577

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 7.0@1000 RPM
ODOMETER : 12111 MI
WET BULB TEMP : 64.5 F
DRY BULB TEMP : 72.4 F
BAROMETER : 29.62 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.02	93.47	2.93
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2319.3	2209.8	1536.2
LO SPEED MODE (PPM)	3960.2	16955.8	1449.2
IDLE MODE (PPM)	3715.5	74632.4	185.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2247.4	1907.6	1555.2
LO SPEED MODE (PPM)	3778.8	9186.3	1797.2
IDLE MODE (PPM)	4566.7	66713.6	319.1
FEDERAL SHORT CYCLE (GPM)	3.80	79.25	3.13
FEDERAL SHORT CYCLE (PPM)	234.7	2425.3	58.8
NUJ/NY COMPOSITE TEST (PPM)	176.3	3000.4	13.6

----->
207(B) TEST RESULTS
----->

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-8370
RETEST : NO
MICH LIC. NO. : LHW145

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 675 RPM
ODOMETER : 6800 MI
WET BULB TEMP : 65.5 F
DRY BULB TEMP : 75.2 F
BAROMETER : 28.93 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.76	82.02	4.26
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2343.3	1594.4	1154.5
LO SPEED MODE (PPM)	3405.8	5962.7	1419.7
IDLE MODE (PPM)	3913.0	19667.6	191.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2351.3	2114.9	1502.3
LO SPEED MODE (PPM)	3174.5	5185.1	1741.4
IDLE MODE (PPM)	4249.8	25880.9	222.0
FEDERAL SHORT CYCLE (GPM)	3.80	65.97	3.86
FEDERAL SHORT CYCLE (PPM)	238.5	2048.6	72.4
NJ/NY COMPOSITE TEST (PPM)	197.3	2341.3	32.9

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207(B) TEST RESULTS
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MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 15-8349
RETEST : NO
MICH LIC. NO. : RVP853

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 450 RPM
ODOMETER : 13352 MI
WET BULB TEMP : 63.5 F
DRY BULB TEMP : 71.5 F
BAROMETER : 28.60 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.46	67.02	2.37
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2735.0	4025.9	1423.0
LO SPEED MODE (PPM)	3564.8	7823.8	1751.8
IDLE MODE (PPM)	5377.8	69851.4	130.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2775.0	4701.0	1599.2
LO SPEED MODE (PPM)	3778.8	9405.2	1972.9
IDLE MODE (PPM)	5898.0	75669.1	185.1
FEDERAL SHORT CYCLE (GPM)	3.50	45.83	2.09
FEDERAL SHORT CYCLE (PPM)	225.9	1464.5	39.4
NJ/NY COMPOSITE TEST (PPM)	108.5	1086.7	10.4

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 15-8326
RETEST : NO
MICH LIC. NO. : PPZ545

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 450 RPM
ODOMETER : 9507 MI
WET BULB TEMP : 66.5 F
DRY BULB TEMP : 77.5 F
BAROMETER : 28.38 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 .FTP RESULTS (GPM)	2.08	27.04	2.16
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	363.5	2780.6	253.1
LO SPEED MODE (PPM)	577.3	5476.3	130.7
IDLE MODE (PPM)	1633.8	6450.6	79.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	404.4	5039.7	579.8
LO SPEED MODE (PPM)	634.6	7283.1	172.4
IDLE MODE (PPM)	822.4	4025.9	67.4
FEDERAL SHORT CYCLE (GPM)	2.15	26.18	1.09
FEDERAL SHORT CYCLE (PPM)	137.8	832.2	19.6
NJ/NY COMPOSITE TEST (PPM)	116.2	302.4	11.8

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 15-8319
RETEST : NO
MICH LIC. NO. : RGS224

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 600 RPM
ODOMETER : 20159 MI
WET BULB TEMP : 65.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 29.03 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.76	23.59	2.65
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	278.0	2923.7	615.4
LO SPEED MODE (PPM)	515.8	5962.7	180.9
IDLE MODE (PPM)	1292.2	10598.9	130.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	373.2	4025.9	813.2
LO SPEED MODE (PPM)	666.3	5622.0	250.9
IDLE MODE (PPM)	293.9	5573.4	102.5
FEDERAL SHORT CYCLE (GPM)	1.28	23.39	1.52
FEDERAL SHORT CYCLE (PPM)	80.5	730.9	27.2
NJ/NY COMPOSITE TEST (PPM)	65.5	282.2	16.0

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 15-8314
 RFTTEST : NO
 MICH LIC. NO. : LNX005

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 650 RPM
 ODOMETER : 11953 MI
 WET BULB TEMP : 64.0 F
 DRY BULB TEMP : 73.5 F
 BAROMETER : 29.03 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.90	94.04	2.23
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2599.1	3977.8	1344.6
LO SPEED MODE (PPM)	4093.7	17465.9	1469.0
IDLE MODE (PPM)	6879.5	92800.2	71.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2471.1	3441.8	1469.0
LO SPEED MODE (PPM)	4405.0	18688.3	1595.6
IDLE MODE (PPM)	6158.7	84609.4	143.0
FEDERAL SHORT CYCLE (GPM)	4.06	90.22	1.45
FEDERAL SHORT CYCLE (PPM)	256.6	2827.0	26.6
NJ/NY COMPOSITE TEST (PPM)	229.8	2894.5	19.2

 207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8281
 RFTTEST : YES
 MICH LIC. NO. : RMW830

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 750 RPM
 ODOMETER : 14884 MI
 WET BULB TEMP : 64.5 F
 DRY BULB TEMP : 77.0 F
 BAROMETER : 28.92 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.78	26.13	2.51
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2223.5	3019.2	1474.0
LO SPEED MODE (PPM)	3142.6	4749.3	1828.9
IDLE MODE (PPM)	2047.9	11148.1	330.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2055.9	3449.8	1497.3
LO SPEED MODE (PPM)	3086.7	4507.8	2018.5
IDLE MODE (PPM)	1292.2	9058.2	284.7
FEDERAL SHORT CYCLE (GPM)	2.06	10.28	3.09
FEDERAL SHORT CYCLE (PPM)	129.8	320.5	58.1
NJ/NY COMPOSITE TEST (PPM)	102.9	394.8	22.9

207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELITTE
TEST NO. : 16-8272
RETEST : NO
MICH LIC. NO. : RMWB30

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 675 RPM
ODOMETER : 14854 MI
WET BULB TEMP : 65.5 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.70 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.39	50.53	2.33
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2303.3	2876.0	1392.0
LO SPEED MODE (PPM)	3150.6	4507.8	1702.8
IDLE MODE (PPM)	3126.6	35003.1	250.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2103.8	3067.0	1411.6
LO SPEED MODE (PPM)	3182.5	4991.3	1871.6
IDLE MODE (PPM)	2743.0	33120.2	259.8
FEDERAL SHORT CYCLE (GPM)	2.67	30.29	2.71
FEDERAL SHORT CYCLE (PPM)	169.5	953.4	49.3
NJ/NY COMPOSITE TEST (PPM)	154.2	1217.5	31.8

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8267
 RETEST : YES
 MICH LIC. NO. : KMM843

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 600 RPM
 ODOMETER : 17610 MI
 WET BULB TEMP : 66.0 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 28.69 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.72	23.31	2.91
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2567.1	5962.7	1452.5
LO SPEED MODE (PPM)	4673.7	16955.8	1519.2
IDLE MODE (PPM)	5413.6	12149.7	208.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2415.2	5962.7	1427.9
LO SPEED MODE (PPM)	4825.2	18488.3	1499.0
IDLE MODE (PPM)	4749.6	15683.9	185.1
FEDERAL SHORT CYCLE (GPM)	3.01	25.72	2.70
FEDERAL SHORT CYCLE (PPM)	188.2	797.0	49.1
NJ/NY COMPOSITE TEST (PPM)	127.5	713.9	14.0

 207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8238
 RETEST : NO
 MICH LIC. NO. : KMM843

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT. : 4000 LB

IGN TIMING : 0.0@ 775 RPM
 ODOMETER : 17573 MI
 WET BULB TEMP : 65.5 F
 DRY BULB TEMP : 76.5 F
 BAROMETER : 29.07 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.75	31.79	3.15
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2375.2	3401.8	1444.3
LO SPEED MODE (PPM)	3501.2	8662.4	1751.8
IDLE MODE (PPM)	3342.0	22347.4	219.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2151.6	4025.9	1524.3
LO SPEED MODE (PPM)	3936.6	11648.4	1795.0
IDLE MODE (PPM)	4975.2	18232.4	195.9
FEDERAL SHORT CYCLE (GPM)	3.68	24.25	2.57
FEDERAL SHORT CYCLE (PPM)	231.3	755.7	47.2
NJ/NY COMPOSITE TEST (PPM)	121.4	653.1	20.3

 207(R) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-8225
 RETEST : YES
 MICH LIC. NO. : HKR816

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 750 RPM
 ODOMETER : 16375 MI
 WET BULB TEMP : 65.5 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 29.27 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.64	28.37	2.35
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1880.5	8168.7	887.0
LO SPEED MODE (PPM)	1912.4	3545.6	884.9
IDLE MODE (PPM)	1458.9	6206.5	163.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2000.1	8909.7	1068.0
LO SPEED MODE (PPM)	2063.9	6206.5	941.5
IDLE MODE (PPM)	1371.6	4991.3	128.7
FEDERAL SHORT CYCLE (GPM)	2.35	26.89	1.64
FEDERAL SHORT CYCLE (PPM)	145.8	826.0	29.9
NJ/NY COMPOSITE TEST (PPM)	107.3	617.2	17.5

207(R) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 15-8217
RETEST : YES
MICH LIC. NO. : VFJ375

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 6.0@ 750 RPM
ODOMETER : 16015 MI
WET BULB TEMP : 64.5 F
DRY BULB TEMP : 76.4 F
BAROMETER : 29.30 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.24	34.98	1.09
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	935.5	4507.8	465.2
LO SPEED MODE (PPM)	769.2	10399.6	246.4
IDLE MODE (PPM)	602.9	1783.4	94.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1054.3	5379.1	676.6
LO SPEED MODE (PPM)	975.1	11748.6	319.1
IDLE MODE (PPM)	317.7	1736.1	198.1
FEDERAL SHORT CYCLE (GPM)	0.88	22.13	0.76
FEDERAL SHORT CYCLE (PPM)	54.6	679.6	13.7
NJ/NY COMPOSITE TEST (PPM)	58.4	694.2	15.3

 207(H) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-8211
 RETEST : NO
 MICH LIC. NO. : HKR816

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 725 RPM
 ODOMETER : 16329 MI
 WET BULB TEMP : 64.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 28.97 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.54	41.40	1.92
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1554.3	8662.4	634.3
LO SPEED MODE (PPM)	1864.6	7184.9	484.3
IDLE MODE (PPM)	1578.1	7086.9	163.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1649.7	8662.4	788.7
LO SPEED MODE (PPM)	2008.0	6450.6	664.9
IDLE MODE (PPM)	1737.2	9405.2	114.5
FEDERAL SHORT CYCLE (GPM)	1.90	28.17	1.31
FEDERAL SHORT CYCLE (PPM)	119.1	875.9	23.6
NJ/NY COMPOSITE TEST (PPM)	106.1	904.7	17.0

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207(B) TEST RESULTS
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MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-8206
RETEST : NO
MICH LIC. NO. : VFJ375

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 4.0@ 800 RPM
ODOMETER : 15985 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 74.0 F
BAROMETER : 28.99 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.48	51.96	0.81
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	919.7	4991.3	379.8
LO SPEED MODE (PPM)	856.3	11648.4	264.3
IDLE MODE (PPM)	1022.6	11899.0	110.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1038.5	5330.6	563.2
LO SPEED MODE (PPM)	1006.8	13407.1	273.4
IDLE MODE (PPM)	484.1	13911.6	96.5
FEDERAL SHORT CYCLE (GPM)	1.17	36.32	15.07
FEDERAL SHORT CYCLE (PPM)	73.4	1130.1	339.2
NJ/NY COMPOSITE TEST (PPM)	67.7	1055.7	331.2

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-8185
RETEST : YES
MICH LIC. NO. : RPG143

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 600 RPM
ODOMETER : 8619 MI
WET BULB TEMP : 66.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 29.25 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.59	19.77	2.67
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2303.3	2447.3	1395.2
LO SPEED MODE (PPM)	3350.0	8909.7	1553.4
IDLE MODE (PPM)	1546.3	3545.6	250.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2255.4	2494.9	1643.1
LO SPEED MODE (PPM)	3493.3	8909.7	1828.9
IDLE MODE (PPM)	1149.5	3545.6	303.0
FEDERAL SHORT CYCLE (GPM)	3.37	20.13	3.07
FEDERAL SHORT CYCLE (PPM)	208.1	614.7	54.5
NJ/NY COMPOSITE TEST (PPM)	97.3	405.4	16.5

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8163
 RETEST : NO
 MICH LIC. NO. : RPG143

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 450 RPM
 ODOMETER : 8585 MI
 WET BULB TEMP : 67.5 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 28.66 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.97	109.75	2.12
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2679.0	4218.5	1409.9
LO SPEED MODE (PPM)	4312.0	15277.9	1497.3
IDLE MODE (PPM)	6889.7	99999.9	128.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2383.2	3849.0	1497.3
LO SPEED MODE (PPM)	4312.0	17783.7	1553.4
IDLE MODE (PPM)	6827.7	61203.3	132.7
FEDERAL SHORT CYCLE (GPM)	4.53	100.61	1.80
FEDERAL SHORT CYCLE (PPM)	286.4	3147.3	35.0
NJ/NY COMPOSITE TEST (PPM)	237.7	3431.6	12.4

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-8156
RETEST : YES
MICH LIC. NO. : JRY130

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 600 RPM
ODOMETER : 16054 MI
WET BULB TEMP : 61.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.65 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.66	28.06	1.92
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	247.2	3114.8	460.4
LO SPEED MODE (PPM)	419.7	4507.8	153.4
IDLE MODE (PPM)	1538.4	10399.6	100.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	198.7	4749.3	584.6
LO SPEED MODE (PPM)	420.7	5719.3	178.7
IDLE MODE (PPM)	317.7	4749.3	82.8
FEDERAL SHORT CYCLE (GPM)	1.30	10.16	1.31
FEDERAL SHORT CYCLE (PPM)	85.0	328.2	27.4
NJ/NY COMPOSITE TEST (PPM)	59.3	223.9	13.8

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-8139
 RFTST : NO
 MICH LIC. NO. : RVB560

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 650 RPM
 ODOMETER : 15225 MI
 WET BULB TEMP : 55.0 F
 DRY BULB TEMP : 73.5 F
 BAROMETER : 29.24 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.98	28.18	1.97
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	325.6	4991.3	594.1
LO SPEED MODE (PPM)	499.9	5962.7	174.5
IDLE MODE (PPM)	1189.1	10898.3	100.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	412.8	10150.6	527.3
LO SPEED MODE (PPM)	579.1	6450.6	153.4
IDLE MODE (PPM)	222.5	3833.6	73.2
FEDERAL SHORT CYCLE (GPM)	1.91	8.28	1.29
FEDERAL SHORT CYCLE (PPM)	118.2	253.9	27.0
NJ/NY COMPOSITE TEST (PPM)	151.1	154.1	11.5

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207(B) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-8134
RETEST : NO
MICH LIC. NO. : JRY130

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 6.0@ 600 RPM
ODOMETER : 16010 MI
WET BULB TEMP : 62.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.24 IN HG

	HC ----	CO ----	NOX ----->
COMPOSITE 75 FTP RESULTS (GPM)	1.09	24.28	3.27
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	108.1	1925.4	641.4
LO SPEED MODE (PPM)	153.5	3449.8	337.6
IDLE MODE (PPM)	1411.3	8909.7	153.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	85.1	3258.2	727.5
LO SPEED MODE (PPM)	135.7	4459.5	326.0
IDLE MODE (PPM)	378.7	6939.8	102.5
FEDERAL SHORT CYCLE (GPM)	0.89	26.57	1.69
FEDERAL SHORT CYCLE (PPM)	56.0	830.8	35.3
NJ/NY COMPOSITE TEST (PPM)	55.1	190.7	22.9

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV IMPALA
 TEST NO. : 16-8114
 RETEST : YES
 MICH LIC. NO. : RMX188

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 650 RPM
 ODOMETER : 3331 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 76.5 F
 BAROMETER : 29.05 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.28	29.49	3.15
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	153.5	3306.1	236.1
LO SPEED MODE (PPM)	122.5	8464.8	100.1
IDLE MODE (PPM)	282.1	17976.8	37.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	381.0	7430.4	978.2
LO SPEED MODE (PPM)	326.2	11398.1	342.3
IDLE MODE (PPM)	577.3	10150.6	124.6
FEDERAL SHORT CYCLE (GPM)	0.98	17.34	2.45
FEDERAL SHORT CYCLE (PPM)	63.4	555.5	53.6
NJ/NY COMPOSITE TEST (PPM)	60.3	425.6	27.6

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-8106
 RETEST : YES
 MICH LIC. NO. : RXF192

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 675 RPM
 ODOMETER : 11636 MI
 WET BULB TEMP : 64.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.06 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.46	21.45	2.05
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	515.8	5233.6	235.3
LO SPEED MODE (PPM)	658.3	4652.7	342.3
IDLE MODE (PPM)	365.2	5476.3	122.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2303.3	3737.5	1828.9
LO SPEED MODE (PPM)	3238.4	6695.0	2208.6
IDLE MODE (PPM)	1133.6	4991.3	426.3
FEDERAL SHORT CYCLE (GPM)	1.77	6.75	3.11
FEDERAL SHORT CYCLE (PPM)	110.8	208.8	54.6
NJ/NY COMPOSITE TEST (PPM)	63.4	173.8	21.8

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-8089
 RETEST : NO
 MICH LIC. NO. : RXF192

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 675 RPM
 ODOMETER : 11604 MI
 WET BULB TEMP : 58.0 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 28.62 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.55	69.61	2.12
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2207.5	4991.3	1000.2
LO SPEED MODE (PPM)	3142.6	9653.4	1382.2
IDLE MODE (PPM)	3342.0	59031.0	195.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2271.4	4257.7	1243.2
LO SPEED MODE (PPM)	3206.5	8168.2	1595.6
IDLE MODE (PPM)	3580.7	54738.9	335.3
FEDERAL SHORT CYCLE (GPM)	3.09	52.15	2.08
FEDERAL SHORT CYCLE (PPM)	194.3	1624.5	43.8
NJ/NY COMPOSITE TEST (PPM)	151.9	1644.0	16.2

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207(B) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-8083
RETEST : NO
MICH LIC. NO. : RMX188

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 17.0@ 625 RPM
ODOMETER : 3299 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 74.0 F
BAROMETER : 28.65 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.76	53.42	3.91
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	515.8	373.1	720.6
LO SPEED MODE (PPM)	492.0	11148.1	427.1
IDLE MODE (PPM)	1268.4	30721.6	185.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	618.7	5233.6	865.6
LO SPEED MODE (PPM)	595.0	14164.1	650.8
IDLE MODE (PPM)	436.6	9901.8	185.1
FEDERAL SHORT CYCLE (GPM)	1.30	43.69	2.50
FEDERAL SHORT CYCLE (PPM)	81.9	1365.4	52.9
NJ/NY COMPOSITE TEST (PPM)	73.6	1077.8	27.7

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8072
 RETEST : YES
 MICH LIC. NO. : KFT563

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 650 RPM
 ODOMETER : 7132 MI
 WET BULB TEMP : 58.0 F
 DRY BULB TEMP : 74.5 F
 BAROMETER : 29.02 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.98	28.55	2.83
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2343.3	10399.6	1129.2
LO SPEED MODE (PPM)	2495.1	4266.7	1700.8
IDLE MODE (PPM)	1411.3	4507.8	484.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2231.5	11398.1	1275.2
LO SPEED MODE (PPM)	2631.0	4507.8	1710.8
IDLE MODE (PPM)	1228.7	4266.7	460.4
FEDERAL SHORT CYCLE (GPM)	2.35	12.82	3.28
FEDERAL SHORT CYCLE (PPM)	146.2	395.2	67.4
NJ/NY COMPOSITE TEST (PPM)	75.6	306.6	21.4

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-8058
RETEST : YES
MICH LIC. NO. : JHK220

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 640 RPM
ODOMETER : 8296 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 74.0 F
BAROMETER : 29.09 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.16	27.83	3.18
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2830.9	2352.3	1050.9
LO SPEED MODE (PPM)	4007.4	6939.8	1432.8
IDLE MODE (PPM)	3006.8	10399.6	412.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2807.0	2304.8	1504.0
LO SPEED MODE (PPM)	4062.3	6939.8	1762.4
IDLE MODE (PPM)	2127.7	9653.4	460.4
FEDERAL SHORT CYCLE (GPM)	3.15	120.44	2.96
FEDERAL SHORT CYCLE (PPM)	196.8	3726.4	62.8
NJ/NY COMPOSITE TEST (PPM)	142.2	504.0	27.6

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-8052
 RFTEST : YES
 MICH LIC. NO. : RKX457

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 6.0@ 760 RPM
 ODOMETER : 17018 MI
 WET BULB TEMP : 58.0 F
 DRY BULB TEMP : 74.5 F
 BAROMETER : 29.10 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.73	33.69	0.93
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1992.1	37723.9	237.5
LO SPEED MODE (PPM)	1078.1	14164.1	226.4
IDLE MODE (PPM)	587.1	2352.3	151.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1101.9	8909.7	412.8
LO SPEED MODE (PPM)	753.4	10399.6	273.4
IDLE MODE (PPM)	262.1	3977.8	130.7
FEDERAL SHORT CYCLE (GPM)	1.06	25.09	0.68
FEDERAL SHORT CYCLE (PPM)	66.0	770.4	14.3
NJ/NY COMPOSITE TEST (PPM)	65.3	1068.0	8.4

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 207(B) TEST RESULTS
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MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8047
 RETEST : NO
 MICH LIC. NO. : KFT563

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 725 RPM
 ODOMETER : 17100 MI
 WET BULB TEMP : 58.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.09 IN HG

	HC	CO	NOX
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COMPOSITE 75 FTP RESULTS (GPM)	3.49	63.46	2.40
LAYTON KEYMODE TEST			
42 HI SPEED MODE (PPM)	2335.3	9653.4	1017.9
LO SPEED MODE (PPM)	2783.0	7676.2	1524.3
IDLE MODE (PPM)	2974.8	47953.0	307.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2415.2	12149.7	1427.9
LO SPEED MODE (PPM)	2862.9	8662.4	1795.0
IDLE MODE (PPM)	3038.8	43306.0	195.9
FEDERAL SHORT CYCLE (GPM)	2.70	44.08	3.00
FEDERAL SHORT CYCLE (PPM)	169.7	1370.1	63.9
NJ/NY COMPOSITE TEST (PPM)	129.7	1579.6	18.0

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV IMPALA
 TEST NO. : 16-8030
 RETEST : YES
 MICH LIC. NO. : JTH691

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 600 RPM
 ODOMETER : 13010 MI
 WET BULB TEMP : 58.0 F
 DRY BULB TEMP : 74.5 F
 BAROMETER : 29.15 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.57	18.60	3.96
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	662.9	3593.6	766.2
LO SPEED MODE (PPM)	570.1	4942.9	420.0
IDLE MODE (PPM)	927.6	5719.3	136.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	613.9	5719.3	709.1
LO SPEED MODE (PPM)	644.5	6890.8	529.7
IDLE MODE (PPM)	432.7	3737.5	185.1
FEDERAL SHORT CYCLE (GPM)	1.12	23.33	2.23
FEDERAL SHORT CYCLE (PPM)	69.1	714.9	46.9
NJ/NY COMPOSITE TEST (PPM)	58.9	245.3	29.5

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-8025
 RETEST : NO
 MICH LIC. NO. : RKX457

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 8.0@ 600 RPM
 ODOMETER : 1699 MI
 WET BULB TEMP : 58.0 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.17 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.39	39.90	0.50
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2575.1	47953.0	183.0
LO SPEED MODE (PPM)	1387.4	14669.9	178.7
IDLE MODE (PPM)	792.9	11148.1	92.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1745.1	39931.6	316.8
LO SPEED MODE (PPM)	2063.9	21572.4	183.0
IDLE MODE (PPM)	729.6	6695.0	80.9
FEDERAL SHORT CYCLE (GPM)	2.17	30.06	0.72
FEDERAL SHORT CYCLE (PPM)	134.6	923.9	15.0
NJ/NY COMPOSITE TEST (PPM)	96.6	1304.9	6.4

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8015
 RETEST : NO
 MICH LIC. NO. : JHK220

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 750 RPM
 ODOMETER : 8211 MI
 WET BULB TEMP : 58.0 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 29.03 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.57	64.76	2.58
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2399.2	1987.8	1192.9
LO SPEED MODE (PPM)	3991.6	6072.7	1583.1
IDLE MODE (PPM)	4203.1	57413.4	426.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2743.0	2780.6	1321.6
LO SPEED MODE (PPM)	4474.5	10399.6	1620.9
IDLE MODE (PPM)	4015.2	52091.1	326.0
FEDERAL SHORT CYCLE (GPM)	3.60	47.42	2.51
FEDERAL SHORT CYCLE (PPM)	221.2	1442.7	52.3
NJ/NY COMPOSITE TEST (PPM)	154.8	1532.3	14.5

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-8008
RETEST : NO
MICH LIC. NO. : JTH691

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 14.0@ 575 RPM
ODOMETER : 12977 MI
WET BULB TEMP : 55.0 F
DRY BULB TEMP : 71.5 F
BAROMETER : 29.05 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.96	39.52	4.56
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	769.2	3114.8	1166.9
LO SPEED MODE (PPM)	745.4	8909.7	563.2
IDLE MODE (PPM)	1276.3	22864.9	143.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	800.9	3737.5	1387.1
LO SPEED MODE (PPM)	832.5	10898.3	653.2
IDLE MODE (PPM)	547.5	9405.2	202.4
FEDERAL SHORT CYCLE (GPM)	1.45	28.13	2.33
FEDERAL SHORT CYCLE (PPM)	90.9	872.7	49.7
NJ/NY COMPOSITE TEST (PPM)	76.1	699.2	26.8

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-8002
 RETEST : YES
 MICH LIC. NO. : KYY131

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 750 RPM
 ODOMETER : 12381 MI
 WET BULB TEMP : 55.0 F
 DRY BULB TEMP : 71.0 F
 BAROMETER : 29.01 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	6.52	173.48	0.82
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	4711.7	41327.6	268.8
LO SPEED MODE (PPM)	5790.2	45605.7	217.6
IDLE MODE (PPM)	1848.6	3545.6	102.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	4312.0	67829.8	337.6
LO SPEED MODE (PPM)	4101.5	26095.4	1207.2
IDLE MODE (PPM)	3580.7	5244.3	88.7
FEDERAL SHORT CYCLE (GPM)	5.09	139.86	0.49
FEDERAL SHORT CYCLE (PPM)	317.4	4319.0	10.9
NJ/NY COMPOSITE TEST (PPM)	185.8	2216.1	10.6

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-7997
 RETEST : NO
 MICH LIC. NO. : LJV231

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 500 RPM
 ODOMETER : 14686 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 75.5 F
 BAROMETER : 28.64 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.59	38.33	1.47
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	21.7	2590.1	365.7
LO SPEED MODE (PPM)	334.4	5719.3	377.4
IDLE MODE (PPM)	194.7	24421.8	59.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	138.1	3785.6	436.6
LO SPEED MODE (PPM)	322.7	4266.7	132.7
IDLE MODE (PPM)	780.3	13155.1	50.4
FEDERAL SHORT CYCLE (GPM)	3.32	47.68	0.78
FEDERAL SHORT CYCLE (PPM)	209.0	1485.3	16.7
NJ/NY COMPOSITE TEST (PPM)	90.4	1178.8	9.2

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7991
RETEST : NO
MICH LIC. NO. : KYY131

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 13.0@1100 RPM
ODOMETER : 12336 MI
WET BULB TEMP : 69.0 F
DRY BULB TEMP : 74.5 F
BAROMETER : 28.64 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	7.18	233.11	1.02
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	4847.8	80449.4	217.6
LO SPEED MODE (PPM)	6221.8	98875.3	143.0
IDLE MODE (PPM)	4046.6	67606.2	88.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	4711.7	68950.9	293.8
LO SPEED MODE (PPM)	6126.8	98233.6	147.2
IDLE MODE (PPM)	4673.7	57413.4	71.2
FEDERAL SHORT CYCLE (GPM)	5.35	198.86	0.51
FEDERAL SHORT CYCLE (PPM)	337.4	6213.9	8.5
NJ/NY COMPOSITE TEST (PPM)	270.0	4787.2	6.4

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-7985
 RFTST : NO
 MICH LIC. NO. : RKW534

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 1.0@ 450 RPM
 ODOMETER : 11847 MI
 WET BULB TEMP : 58.0 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.67 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.41	68.89	2.03
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2743.0	4749.3	1831.9
LO SPEED MODE (PPM)	3501.2	13911.6	1613.2
IDLE MODE (PPM)	4937.9	65602.2	229.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2423.2	4339.6	1702.6
LO SPEED MODE (PPM)	3373.9	9016.1	1820.2
IDLE MODE (PPM)	5123.4	65602.2	381.7
FEDERAL SHORT CYCLE (GPM)	3.54	48.56	2.03
FEDERAL SHORT CYCLE (PPM)	221.7	1506.5	44.2
NJ/NY COMPOSITE TEST (PPM)	179.7	1817.9	16.6

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-7968
 RETEST : YES
 MICH LIC. NO. : RKY800

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 3.0@ 675 RPM
 ODOMETER : 17303 MI
 WET BULB TEMP : 61.5 F
 DRY BULB TEMP : 73.5 F
 BAROMETER : 29.07 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.68	26.39	3.34
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	3094.7	6450.6	1310.1
LO SPEED MODE (PPM)	3620.4	4025.9	1606.4
IDLE MODE (PPM)	2024.0	5476.3	361.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	3182.5	6695.0	1683.1
LO SPEED MODE (PPM)	3936.6	4991.3	2236.6
IDLE MODE (PPM)	1482.7	5962.7	528.7
FEDERAL SHORT CYCLE (GPM)	2.94	14.77	2.97
FEDERAL SHORT CYCLE (PPM)	180.9	450.5	56.6
NJ/NY COMPOSITE TEST (PPM)	111.0	310.9	21.5

207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7952
RETEST : NO
MICH LIC. NO. : RKY800

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 3.0@ 675 RPM
ODOMETER : 17254
WET BULB TEMP : 64.0 F
DRY BULB TEMP : 80.0 F
BAROMETER : 28.88 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.75	40.58	2.90
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	3262.3	9901.8	1490.6
LO SPEED MODE (PPM)	4265.4	7676.2	1806.1
IDLE MODE (PPM)	3182.5	30721.6	307.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2982.8	9752.7	1469.0
LO SPEED MODE (PPM)	4078.0	6450.6	2015.6
IDLE MODE (PPM)	2751.0	31518.6	248.6
FEDERAL SHORT CYCLE (GPM)	3.27	31.83	2.78
FEDERAL SHORT CYCLE (PPM)	202.7	976.7	54.0
NJ/NY COMPOSITE TEST (PPM)	117.4	787.3	15.2

207(R) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-7942
RETEST : NO
MICH LIC. NO. : RWX575

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA.WT : 5500 LB

IGN TIMING : 7.0@ 675 RPM
ODOMETER : 18223 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 73.0 F
BAROMETER : 28.80 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.28	26.93	2.15
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	87.5	3019.2	491.5
LO SPEED MODE (PPM)	270.5	3258.2	185.1
IDLE MODE (PPM)	1546.3	21727.3	112.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	151.0	5233.6	503.4
LO SPEED MODE (PPM)	238.3	3067.0	195.9
IDLE MODE (PPM)	238.3	5088.1	79.0
FEDERAL SHORT CYCLE (GPM)	1.28	41.81	0.96
FEDERAL SHORT CYCLE (PPM)	79.5	1283.6	19.2
NJ/NY COMPOSITE TEST (PPM)	73.4	808.1	9.3

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7932
RETEST : NO
MICH LIC. NO. : RPW599

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 700 RPM
ODOMETER : 16825 MI
WET BULB TEMP : 60.5 F
DRY BULB TEMP : 74.0 F
BAROMETER : 28.24 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.37	25.00	2.77
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2543.1	3401.8	1840.5
LO SPEED MODE (PPM)	3054.7	6206.5	1731.1
IDLE MODE (PPM)	634.6	4266.7	736.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2383.2	4025.9	2039.3
LO SPEED MODE (PPM)	3198.5	6206.5	2107.4
IDLE MODE (PPM)	872.1	3306.1	271.1
FEDERAL SHORT CYCLE (GPM)	2.26	8.33	3.23
FEDERAL SHORT CYCLE (PPM)	144.0	263.4	65.8
NJ/NY COMPOSITE TEST (PPM)	91.3	211.2	25.9

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207(B) TEST RESULTS
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MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7927
RETEST : YES
MICH LIC. NO. : KST524

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 750 RPM
ODOMETER : 11916 MI
WET BULB TEMP : 61.5 F
DRY BULB TEMP : 76.0 F
BAROMETER : 28.24 IN HG

	HC ----	CO ----	NOX ----->
COMPOSITE 75 FTP RESULTS (GPM)	3.47	32.82	2.70
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	3102.7	4507.8	1633.8
LO SPEED MODE (PPM)	4156.2	8662.4	1731.1
IDLE MODE (PPM)	2543.1	14164.1	244.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	3174.5	5865.3	1847.6
LO SPEED MODE (PPM)	4428.2	13155.1	2054.5
IDLE MODE (PPM)	1944.3	13155.1	217.6
FEDERAL SHORT CYCLE (GPM)	2.97	25.08	2.28
FEDERAL SHORT CYCLE (PPM)	190.2	796.5	46.8
NJ/NY COMPOSITE TEST (PPM)	121.8	532.6	19.0

207(R) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-7911
RETEST : NO
MICH LIC. NO. : RSN061

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 16.0@ 600 RPM
ODOMETER : 15581 MI
WET BULB TEMP : 60.3 F
DRY BULB TEMP : 76.0 F
BAROMETER : 28.27 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.63	32.10	2.75
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	357.3	3114.8	761.7
LO SPEED MODE (PPM)	539.5	9405.2	191.6
IDLE MODE (PPM)	983.0	26455.8	110.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	444.5	2828.3	811.0
LO SPEED MODE (PPM)	674.2	10549.1	271.1
IDLE MODE (PPM)	389.0	8662.4	112.5
FEDERAL SHORT CYCLE (GPM)	1.20	8.10	1.37
FEDERAL SHORT CYCLE (PPM)	77.4	258.6	28.8
NJ/NY COMPOSITE TEST (PPM)	58.2	3702.0	14.7

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-7902
RETEST : NO
MICH LIC. NO. : FWP461

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 10.0@ 525 RPM
ODOMETER : 3806 MI
WET BULB TEMP : 61.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.44 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.62	18.29	3.77
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	282.1	5719.3	808.8
LO SPEED MODE (PPM)	293.7	5962.7	472.4
IDLE MODE (PPM)	1379.5	2114.9	239.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	381.1	7922.3	914.5
LO SPEED MODE (PPM)	341.4	4749.3	570.3
IDLE MODE (PPM)	476.2	1972.7	163.9
FEDERAL SHORT CYCLE (GPM)	1.58	17.90	2.59
FEDERAL SHORT CYCLE (PPM)	100.3	564.1	55.8
NJ/NY COMPOSITE TEST (PPM)	79.5	204.6	31.6

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-7896
RETEST : NO
MICH LIC. NO. : KLY490

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN. TIMING : 10.0@ 575 RPM
ODOMETER : 16934 MI
WET BULB TEMP : 69.5 F
DRY BULB TEMP : 75.8 F
BAROMETER : 28.48 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.74	22.51	1.93
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	439.7	5962.7	596.5
LO SPEED MODE (PPM)	632.2	9653.4	143.0
IDLE MODE (PPM)	1625.8	17210.8	82.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	396.9	6695.0	754.9
LO SPEED MODE (PPM)	555.4	13155.1	174.5
IDLE MODE (PPM)	333.5	7184.9	92.6
FEDERAL SHORT CYCLE (GPM)	1.64	22.39	1.38
FEDERAL SHORT CYCLE (PPM)	103.9	701.3	22.6
NJ/NY COMPOSITE TEST (PPM)	68.2	285.2	9.7

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7890
RFTEST : NO
MICH LIC. NO. : KST524

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 700 RPM
ODOMETER : 11890 MI
WET BULB TEMP : 69.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 28.51 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	5.41	138.57	2.17
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	3182.5	7493.9	1507.4
LO SPEED MODE (PPM)	4688.9	24215.8	1229.6
IDLE MODE (PPM)	4922.9	67494.4	122.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	3022.8	6489.1	1615.5
LO SPEED MODE (PPM)	4673.7	23282.9	1395.2
IDLE MODE (PPM)	5341.9	89461.4	136.9
FEDERAL SHORT CYCLE (GPM)	4.23	94.81	2.89
FEDERAL SHORT CYCLE (PPM)	269.4	2988.8	46.4
NJ/NY COMPOSITE TEST (PPM)	230.6	3367.9	15.7

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-7873
 RETEST : NO
 MICH LIC. NO. : KSG207

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 10.0@ 650 RPM
 ODOMETER : 8678 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 29.21 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.04	33.55	2.52
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	487.2	4749.3	572.7
LO SPEED MODE (PPM)	595.6	1878.0	239.7
IDLE MODE (PPM)	1070.2	4991.3	116.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	565.2	7676.2	729.8
LO SPEED MODE (PPM)	618.7	2542.5	296.1
IDLE MODE (PPM)	711.0	3067.0	102.5
FEDERAL SHORT CYCLE (GPM)	1.55	11.36	1.74
FEDERAL SHORT CYCLE (PPM)	95.6	346.7	35.1
NJ/NY COMPOSITE TEST (PPM)	95.4	243.5	18.5

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-7868
RETEST : NO
MICH LIC. NO. : RZF483

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 7.0@ 625 RPM
ODOMETER : 6816 MI
WET BULB TEMP : 62.5 F
DRY BULB TEMP : 82.5 F
BAROMETER : 29.23 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.29	37.17	1.33
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	247.2	2067.5	307.6
LO SPEED MODE (PPM)	276.3	5816.6	168.1
IDLE MODE (PPM)	1347.8	49146.9	59.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	212.3	2447.3	579.8
LO SPEED MODE (PPM)	386.9	7381.3	172.4
IDLE MODE (PPM)	866.8	24421.8	77.0
FEDERAL SHORT CYCLE (GPM)	1.34	37.53	0.99
FEDERAL SHORT CYCLE (PPM)	84.4	1173.8	20.8
NJ/NY COMPOSITE TEST (PPM)	60.4	1088.3	9.1

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-7861
RETEST : NO
MICH LIC. NO. : KJK872

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 650 RPM
ODOMETER : 5693 MI
WET BULB TEMP : 60.5 F
DRY BULB TEMP : 79.5 F
BAROMETER : 29.17 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.34	33.14	1.36
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	229.8	2352.3	458.0
LO SPEED MODE (PPM)	404.4	3306.1	126.6
IDLE MODE (PPM)	121.3	17721.3	73.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	357.7	3977.8	577.5
LO SPEED MODE (PPM)	392.7	1783.4	174.5
IDLE MODE (PPM)	416.2	6792.9	77.0
FEDERAL SHORT CYCLE (GPM)	1.15	19.23	1.17
FEDERAL SHORT CYCLE (PPM)	71.0	590.0	24.7
NJ/NY COMPOSITE TEST (PPM)	79.4	628.9	13.9

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-7856
 RETEST : NO
 MICH LIC. NO. : KCK542

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 575 RPM
 ODOMETER : 12272 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.93 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.90	47.46	2.09
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	517.1	5307.1	596.5
LO SPEED MODE (PPM)	644.5	9207.5	206.7
IDLE MODE (PPM)	1149.5	33344.1	82.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	577.3	7917.5	706.7
LO SPEED MODE (PPM)	879.1	12005.5	195.9
IDLE MODE (PPM)	1033.8	21239.4	82.8
FEDERAL SHORT CYCLE (GPM)	1.63	70.24	0.69
FEDERAL SHORT CYCLE (PPM)	103.5	2203.1	14.6
NJ/NY COMPOSITE TEST (PPM)	86.4	1670.8	7.6

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 15-7838
 RETEST : NO
 MICH LIC. NO. : JLM414

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 2.0@1000 RPM
 ODOMETER : 10944 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 76.3 F
 BAROMETER : 29.00 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75. FTP RESULTS (GPM)	3.24	61.08	1.91
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2303.3	6355.8	1747.6
LO SPEED MODE (PPM)	2862.9	8950.4	2054.5
IDLE MODE (PPM)	2783.0	38218.2	204.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2103.8	6355.8	1739.3
LO SPEED MODE (PPM)	3022.8	11501.0	1940.3
IDLE MODE (PPM)	2727.0	30993.2	266.6
FEDERAL SHORT CYCLE (GPM)	2.65	49.91	2.17
FEDERAL SHORT CYCLE (PPM)	165.5	1542.7	45.5
NJ/NY COMPOSITE TEST (PPM)	150.2	1824.0	19.2

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207(B) TEST RESULTS
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MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 15-7822
RETEST : YES
MICH LIC. NO. : KFD944

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 650 RPM
ODOMETER : 9193 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 75.5 F
BAROMETER : 28.87 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.99	24.22	2.97
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2511.1	1907.6	1820.2
LO SPEED MODE (PPM)	2958.9	1907.6	2033.6
IDLE MODE (PPM)	2143.7	1907.6	389.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2383.2	6355.8	1993.6
LO SPEED MODE (PPM)	2942.9	5832.1	2258.9
IDLE MODE (PPM)	1506.6	7917.5	389.2
FEDERAL SHORT CYCLE (GPM)	2.67	21.38	3.41
FEDERAL SHORT CYCLE (PPM)	167.0	662.5	72.1
NJ/NY COMPOSITE TEST (PPM)	129.4	562.5	36.9

207(8) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 15-7815
RETEST : NO
MICH LIC. NO. : KYY288

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 650 RPM
ODOMETER : 5249 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 74.5 F
BAROMETER : 28.83 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.66	23.13	2.36
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	769.2	69513.3	389.2
LO SPEED MODE (PPM)	919.7	9016.1	418.9
IDLE MODE (PPM)	396.9	3198.1	136.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	4117.1	6489.1	1504.4
LO SPEED MODE (PPM)	3501.2	10727.9	1749.9
IDLE MODE (PPM)	729.6	3198.1	253.0
FEDERAL SHORT CYCLE (GPM)	2.43	29.19	1.98
FEDERAL SHORT CYCLE (PPM)	152.0	904.4	41.8
NJ/NY COMPOSITE TEST (PPM)	99.4	624.1	16.2

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7801
RETEST : NO
MICH LIC. NO. : KFD944

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 4.0@ 575 RPM
ODOMETER : 9161 MI
WET BULB TEMP : 58.5 F
DRY BULB TEMP : 75.5 F
BAROMETER : 28.85 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.64	50.62	2.90
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2463.2	3523.1	1864.3
LO SPEED MODE (PPM)	3022.8	4832.2	2197.4
IDLE MODE (PPM)	3960.2	45842.5	351.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2479.1	4012.3	2039.3
LO SPEED MODE (PPM)	3046.8	4175.8	2308.9
IDLE MODE (PPM)	3580.7	39742.3	389.2
FEDERAL SHORT CYCLE (GPM)	0.96	30.37	3.21
FEDERAL SHORT CYCLE (PPM)	60.1	943.2	68.6
NJ/NY COMPOSITE TEST (PPM)	109.3	742.2	16.1

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY. SATELLITE
TEST NO. : 16-7795
RETEST : NO
MICH. LIC. NO. : KPG369

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 725 RPM
ODOMETER : 11321 MI
WET BULB TEMP : 58.5 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.89 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	5.21	126.66	2.47
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1777.0	3988.8	1527.7
LO SPEED MODE (PPM)	3038.8	19821.5	1527.7
IDLE MODE (PPM)	5005.0	51459.5	63.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2119.7	4503.6	1579.6
LO SPEED MODE (PPM)	3509.2	14656.7	1764.6
IDLE MODE (PPM)	7231.3	65824.1	100.5
FEDERAL SHORT CYCLE (GPM)	4.13	81.94	3.68
FEDERAL SHORT CYCLE (PPM)	258.5	2537.5	78.2
NJ/NY COMPOSITE TEST (PPM)	260.7	3813.1	29.8

207(H) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 15-7769
RETEST : NO
MICH LIC. NO. : JTM842

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 10.0@ 600 RPM
ODOMETER : 6912 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.24 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.45	41.08	1.95
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	190.7	2823.1	384.5
LO SPEED MODE (PPM)	317.7	9515.5	141.0
IDLE MODE (PPM)	476.2	23764.8	77.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	182.8	9001.8	496.3
LO SPEED MODE (PPM)	333.5	12106.1	163.9
IDLE MODE (PPM)	182.8	15188.2	92.6
FEDERAL SHORT CYCLE (GPM)	1.47	62.17	0.82
FEDERAL SHORT CYCLE (PPM)	90.2	1895.8	17.0
NJ/NY COMPOSITE TEST (PPM)	32.0	888.4	5.4

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 15-7761
 RETEST : YES
 MICH LIC. NO. : JWB145

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.8@ 500 RPM
 ODOMETER : 14636 MI
 WET BULB TEMP : 62.0 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.25 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.67	30.11	2.09
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2063.9	14498.7	908.2
LO SPEED MODE (PPM)	1944.3	8950.4	854.8
IDLE MODE (PPM)	1205.0	2451.2	208.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2399.2	14498.7	990.2
LO SPEED MODE (PPM)	2175.6	8950.4	949.7
IDLE MODE (PPM)	1427.1	2398.1	228.6
FEDERAL SHORT CYCLE (GPM)	2.56	13.22	1.48
FEDERAL SHORT CYCLE (PPM)	157.0	401.4	30.5
NJ/NY COMPOSITE TEST (PPM)	102.9	306.3	16.0

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV IMPALA
 TEST NO. : 15-7752
 RFTST : NO
 MICH LIC. NO. : KGM249

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 650 RPM
 ODOMETER : 8730 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 74.9 F
 BAROMETER : 29.14 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.90	25.33	2.12
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	238.3	4358.7	379.8
LO SPEED MODE (PPM)	317.7	3141.5	187.3
IDLE MODE (PPM)	1387.4	12758.5	132.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	317.7	8072.9	479.5
LO SPEED MODE (PPM)	484.1	3459.6	211.1
IDLE MODE (PPM)	301.8	5832.1	100.5
FEDERAL SHORT CYCLE (GPM)	1.52	16.03	1.42
FEDERAL SHORT CYCLE (PPM)	93.8	488.6	29.1
NJ/NY COMPOSITE TEST (PPM)	60.4	239.9	12.0

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207(B) TEST RESULTS
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MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7739
RETEST : NO
MICH LIC. NO. : KGJ183

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 7.0@ 675 RPM
ODOMETER : 15753 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 73.0 F
BAROMETER : 29.01 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	0.85	28.93	0.87
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	682.1	4857.1	347.0
LO SPEED MODE (PPM)	460.3	11358.3	185.1
IDLE MODE (PPM)	713.8	17247.3	77.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	792.9	4654.9	520.2
LO SPEED MODE (PPM)	595.0	12989.2	228.6
IDLE MODE (PPM)	365.2	9614.4	92.6
FEDERAL SHORT CYCLE (GPM)	0.81	19.22	0.67
FEDERAL SHORT CYCLE (PPM)	50.1	588.6	13.7
NJ/NY COMPOSITE TEST (PPM)	40.9	735.0	8.1

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-7731
 RETEST : NO
 MICH LIC. NO. : JWB145

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 8.0@ 500 RPM
 ODOMETER : 14317 MI
 WET BULB TEMP : 56.7 F
 DRY BULB TEMP : 72.0 F
 BAROMETER : 29.02 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	12.54	124.34	2.25
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	3070.7	15971.7	1639.4
LO SPEED MODE (PPM)	3960.2	24043.7	1510.8
IDLE MODE (PPM)	7231.3	99999.9	44.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	3054.7	22376.1	1579.6
LO SPEED MODE (PPM)	3834.1	29791.7	1378.9
IDLE MODE (PPM)	7231.3	99999.9	153.4
FEDERAL SHORT CYCLE (GPM)	12.07	111.93	1.88
FEDERAL SHORT CYCLE (PPM)	738.9	3393.3	38.3
NJ/NY COMPOSITE TEST (PPM)	813.3	3214.6	14.6

 207(H) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-7724
 RETEST : NO
 MICH LIC. NO. : JCD856

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 700 RPM
 ODOMETER : 11457 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.98 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.17	26.63	3.31
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2591.1	6877.9	2107.4
LO SPEED MODE (PPM)	2926.9	6355.8	2441.2
IDLE MODE (PPM)	697.9	1812.9	214.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2639.0	4938.7	2219.8
LO SPEED MODE (PPM)	3310.1	9464.2	2474.0
IDLE MODE (PPM)	1133.6	2132.2	268.3
FEDERAL SHORT CYCLE (GPM)	2.81	23.99	3.14
FEDERAL SHORT CYCLE (PPM)	173.5	734.8	64.4
NJ/NY COMPOSITE TEST (PPM)	102.9	527.5	22.6

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7702
RETEST : NO
MICH LIC. NO. : KXW279

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 9.0@ 725 RPM
ODOMETER : 14060 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.96 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.63	24.61	1.20
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1220.8	3088.4	843.9
LO SPEED MODE (PPM)	903.8	10486.3	412.8
IDLE MODE (PPM)	1030.6	2291.7	61.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1189.1	2451.2	1094.3
LO SPEED MODE (PPM)	1078.1	11501.0	436.6
IDLE MODE (PPM)	365.2	1173.6	65.5
FEDERAL SHORT CYCLE (GPM)	1.67	17.00	1.45
FFEDERAL SHORT CYCLE (PPM)	104.0	523.5	30.1
NJ/NY COMPOSITE TEST (PPM)	114.3	542.7	13.0

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-7701
 RETEST : NO
 MICH LIC. NO. : LYV478

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 11.0@1000 RPM
 ODOMETER : 15701 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 77.0 F
 BAROMETER : 28.93 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.07	34.04	1.00
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	991.0	12758.5	541.7
LO SPEED MODE (PPM)	1038.5	12257.0	255.3
IDLE MODE (PPM)	428.6	11248.0	77.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1094.0	24554.4	843.9
LO SPEED MODE (PPM)	792.9	13507.2	293.8
IDLE MODE (PPM)	151.0	4200.3	61.7
FEDERAL SHORT CYCLE (GPM)	1.08	25.19	1.07
FEDERAL SHORT CYCLE (PPM)	66.9	770.5	22.2
NJ/NY COMPOSITE TEST (PPM)	80.8	986.9	11.1

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 15-7662
RETEST : NO
MICH LIC. NO. : RVF039

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 625 RPM
ODOMETER : 14832 MI
WET BULB TEMP : 57.5 F
DRY BULB TEMP : 74.0 F
BAROMETER : 28.75 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.91	16.78	2.13
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	433.8	4305.9	639.0
LO SPEED MODE (PPM)	577.3	5307.1	185.1
IDLE MODE (PPM)	1125.7	4780.7	122.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	866.8	6877.9	718.3
LO SPEED MODE (PPM)	1010.8	9720.4	195.9
IDLE MODE (PPM)	611.4	4780.7	96.5
FEDERAL SHORT CYCLE (GPM)	1.73	23.08	1.20
FEDERAL SHORT CYCLE (PPM)	108.4	715.9	24.7
NJ/NY COMPOSITE TEST (PPM)	79.7	316.7	14.6

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-7620
 RETEST : NO
 MICH LIC. NO. : RYJ516

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 9.0@ 650 RPM
 ODOMETER : 11880 MI
 WET BULB TEMP : 57.0 F
 DRY BULB TEMP : 71.0 F
 BAROMETER : 29.36 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.79	27.56	2.45
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	423.2	4094.6	709.1
LO SPEED MODE (PPM)	567.6	7398.5	174.5
IDLE MODE (PPM)	1427.1	19916.4	92.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	656.7	5044.1	768.5
LO SPEED MODE (PPM)	767.9	9464.2	250.9
IDLE MODE (PPM)	395.1	10231.5	82.8
FEDERAL SHORT CYCLE (GPM)	1.53	33.00	1.23
FEDERAL SHORT CYCLE (PPM)	95.7	1020.3	26.6
NJ/NY COMPOSITE TEST (PPM)	65.0	355.1	14.7

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : IMPALA
TEST NO. : 16-7615
RETEST : NO
MICH LIC. NO. : MKJ783

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 9.0@ 650 RPM
ODOMETER : 8292 MI
WET BULB TEMP : 60.5 F
DRY BULB TEMP : 79.0 F
BAROMETER : 29.39 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.29	15.23	2.16
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	186.5	3988.8	484.3
LO SPEED MODE (PPM)	311.1	4780.7	174.5
IDLE MODE (PPM)	1157.4	17186.5	163.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	270.5	4938.7	601.2
LO SPEED MODE (PPM)	398.6	5307.1	195.9
IDLE MODE (PPM)	304.1	7398.5	112.5
FEDERAL SHORT CYCLE (GPM)	1.00	24.08	1.11
FEDERAL SHORT CYCLE (PPM)	62.0	741.0	22.8
NJ/NY COMPOSITE TEST (PPM)	61.6	261.5	16.8

207(R) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 16-7592
RETEST : NO
MICH LIC. NO. : RZB682

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 675 RPM
ODOMETER : 8443 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 74.5 F
BAROMETER : 29.60 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.99	15.16	3.46
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2519.1	6877.9	1982.1
LO SPEED MODE (PPM)	3270.3	10486.3	706.7
IDLE MODE (PPM)	1212.9	4358.7	132.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2391.2	4938.7	2146.9
LO SPEED MODE (PPM)	2998.8	8021.1	2231.0
IDLE MODE (PPM)	967.2	3671.4	132.7
FEDERAL SHORT CYCLE (GPM)	2.80	11.59	3.87
FEDERAL SHORT CYCLE (PPM)	169.5	347.8	80.5
NJ/NY COMPOSITE TEST (PPM)	94.8	261.0	30.6

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207(H) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-7587
RETEST : NO
MICH LIC. NO. : KRS758

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 5.0@ 550 RPM
ODOMETER : 8763 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 74.0 F
BAROMETER : 29.62 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.75	10.84	4.42
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	333.5	3459.6	577.5
LO SPEED MODE (PPM)	499.9	3300.6	408.1
IDLE MODE (PPM)	880.1	2504.4	206.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	365.2	4253.1	782.0
LO SPEED MODE (PPM)	579.1	2823.1	534.5
IDLE MODE (PPM)	539.5	2132.2	215.5
FEDERAL SHORT CYCLE (GPM)	1.48	4.47	2.85
FEDERAL SHORT CYCLE (PPM)	89.8	134.1	59.6
NJ/NY COMPOSITE TEST (PPM)	73.9	98.6	30.4

207(H) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-7580
RETEST : NO
MICH LIC. NO. : RVF634

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 5.0@ 550 RPM
ODOMETER : 12964 MI
WET BULB TEMP : 60.5 F
DRY BULB TEMP : 79.0 F
BAROMETER : 29.44 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	0.99	34.30	1.69
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	95.4	3724.3	307.6
LO SPEED MODE (PPM)	119.3	3936.0	155.5
IDLE MODE (PPM)	872.1	27376.5	75.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	103.4	4464.3	349.3
LO SPEED MODE (PPM)	111.3	2823.1	180.9
IDLE MODE (PPM)	254.2	13755.8	71.2
FEDERAL SHORT CYCLE (GPM)	0.63	27.36	1.02
FEDERAL SHORT CYCLE (PPM)	38.1	826.1	21.3
NJ/NY COMPOSITE TEST (PPM)	39.0	711.8	10.0

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7571
RETEST : YES
MICH LIC. NO. : JTZ920

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 650 RPM
ODOMETER : 11019 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 74.0 F
BAROMETER : 29.36 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.54	14.72	2.20
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2375.2	5517.3	1343.0
LO SPEED MODE (PPM)	2990.8	6617.0	1413.2
IDLE MODE (PPM)	895.9	2716.9	259.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2215.5	5569.8	1403.4
LO SPEED MODE (PPM)	2950.9	6355.8	1610.0
IDLE MODE (PPM)	587.1	2504.4	307.6
FEDERAL SHORT CYCLE (GPM)	2.58	13.06	2.36
FEDERAL SHORT CYCLE (PPM)	157.1	393.6	52.7
NJ/NY COMPOSITE TEST (PPM)	87.7	303.5	17.7

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207(B) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-7551
RETEST : NO
MICH LIC. NO. : RRL588

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 10.0@ 550 RPM
ODOMETER : 16648 MI
WET BULB TEMP : 58.5 F
DRY BULB TEMP : 74.5 F
BAROMETER : 29.32 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.71	15.86	2.45
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	547.5	4886.1	624.9
LO SPEED MODE (PPM)	737.5	3565.5	176.6
IDLE MODE (PPM)	1355.7	3300.6	114.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	832.5	5044.1	799.9
LO SPEED MODE (PPM)	967.2	3671.4	296.1
IDLE MODE (PPM)	872.1	3247.5	104.5
FEDERAL SHORT CYCLE (GPM)	3.36	5.73	1.37
FEDERAL SHORT CYCLE (PPM)	204.2	172.4	28.0
NJ/NY COMPOSITE TEST (PPM)	174.4	125.1	12.9

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207(8) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-7532
RETEST : NO
MICH LIC. NO. : RTT776

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 575 RPM
ODOMETER : 0 MI
WET BULB TEMP : 68.5 F
DRY BULB TEMP : 75.5 F
BAROMETER : 28.54 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.12	30.64	2.78
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	476.2	6355.8	551.2
LO SPEED MODE (PPM)	571.2	3830.2	255.3
IDLE MODE (PPM)	1403.3	17910.1	112.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	579.1	9464.2	1077.5
LO SPEED MODE (PPM)	587.1	6877.9	239.7
IDLE MODE (PPM)	476.2	11753.5	98.5
FEDERAL SHORT CYCLE (GPM)	1.46	14.17	1.42
FEDERAL SHORT CYCLE (PPM)	91.5	439.9	30.0
NJ/NY COMPOSITE TEST (PPM)	79.4	576.2	14.1

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-7527
 RETEST : YES
 MICH LIC. NO. : JXP614

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 6.0@ 750 RPM
 ODOMETER : 16969 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 73.0 F
 BAROMETER : 28.50 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.35	33.66	1.73
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1482.7	3459.6	582.2
LO SPEED MODE (PPM)	808.8	10994.6	340.0
IDLE MODE (PPM)	650.4	1919.4	75.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1371.6	8434.8	937.4
LO SPEED MODE (PPM)	880.1	12508.0	349.3
IDLE MODE (PPM)	713.8	2770.0	92.6
FEDERAL SHORT CYCLE (GPM)	1.80	23.70	1.53
FEDERAL SHORT CYCLE (PPM)	114.3	744.2	25.9
NJ/NY COMPOSITE TEST (PPM)	104.7	624.5	17.5

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207(H) TEST RESULTS
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MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7522
RETEST : NO
MICH LIC. NO. : JTZ920

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 1.0@ 650 RPM
ODOMETER : 10987 MI
WET BULB TEMP : 57.5 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.61 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	5.22	114.10	1.63
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2567.1	7086.3	1238.1
LO SPEED MODE (PPM)	3413.7	13407.7	1452.5
IDLE MODE (PPM)	5363.4	96955.7	195.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2487.1	6355.8	1346.2
LO SPEED MODE (PPM)	3604.5	14004.0	1529.4
IDLE MODE (PPM)	5680.6	91086.7	217.6
FEDERAL SHORT CYCLE (GPM)	4.51	87.95	2.39
FEDERAL SHORT CYCLE (PPM)	281.3	2719.3	52.1
NJ/NY COMPOSITE TEST (PPM)	233.1	3255.0	13.6

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7510
RETEST : YES
MICH LIC. NO. : JFJ037

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 1.0@ 650 RPM
ODOMETER : 15874 MI
WET BULB TEMP : 58.5 F
DRY BULB TEMP : 74.0 F
BAROMETER : 29.15 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.56	53.94	2.03
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2623.0	27746.2	745.8
LO SPEED MODE (PPM)	2743.0	17186.5	748.0
IDLE MODE (PPM)	1745.1	2557.5	174.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2703.0	22412.4	889.2
LO SPEED MODE (PPM)	3014.8	28116.0	667.2
IDLE MODE (PPM)	3715.5	2929.3	143.0
FEDERAL SHORT CYCLE (GPM)	3.98	51.01	1.20
FEDERAL SHORT CYCLE (PPM)	244.0	1550.7	23.7
NJ/NY COMPOSITE TEST (PPM)	200.3	708.7	14.7

207(B) TEST RESULTS

MAKE : (FORD CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7505
RETEST : NO
MICH LIC. NO. : JTC975

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 18.0@ 700 RPM
ODOMETER : 12722 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 29.24 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.83	42.82	2.98
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	959.3	10486.3	1077.5
LO SPEED MODE (PPM)	1078.1	17524.7	662.5
IDLE MODE (PPM)	1157.4	20768.1	239.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1149.5	10486.3	1597.4
LO SPEED MODE (PPM)	1387.4	20768.1	759.4
IDLE MODE (PPM)	792.9	11501.0	239.7
FEDERAL SHORT CYCLE (GPM)	1.92	34.73	2.56
FEDERAL SHORT CYCLE (PPM)	117.7	1055.6	53.5
NJ/NY COMPOSITE TEST (PPM)	85.6	881.7	32.4

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : FORD PINTO
 TEST NO. : 16-7499
 RETEST : NO
 MICH LIC. NO. : JXP614

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 6.0@ 725 RPM
 ODOMETER : 16943 MI
 WET BULB TEMP : 58.5 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 29.22 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.15	36.34	1.76
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1022.6	3830.2	541.7
LO SPEED MODE (PPM)	737.5	11652.5	375.1
IDLE MODE (PPM)	785.0	15335.5	138.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1173.2	4991.4	706.7
LO SPEED MODE (PPM)	935.5	13208.3	420.0
IDLE MODE (PPM)	341.4	8589.7	130.7
FEDERAL SHORT CYCLE (GPM)	1.61	26.45	1.35
FEDERAL SHORT CYCLE (PPM)	98.3	798.7	28.2
NJ/NY COMPOSITE TEST (PPM)	94.9	873.7	15.9

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-7490
 RETEST : NO
 MICH LIC. NO. : JTR507

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 750 RPM
 ODOMETER : 11152 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 74.5 F
 BAROMETER : 29.16 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.61	38.48	2.91
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2103.8	3724.3	929.1
LO SPEED MODE (PPM)	4085.8	9720.4	1502.3
IDLE MODE (PPM)	1888.5	16701.9	401.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1761.1	3936.0	1140.1
LO SPEED MODE (PPM)	4093.7	10994.6	1656.3
IDLE MODE (PPM)	1252.5	13507.2	330.7
FEDERAL SHORT CYCLE (GPM)	3.72	32.72	3.17
FEDERAL SHORT CYCLE (PPM)	225.9	984.9	64.9
NJ/NY COMPOSITE TEST (PPM)	158.3	941.1	28.9

207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 16-7485
RETEST : NO
MICH LIC. NO. : JVJ917

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 700 RPM
ODOMETER : 14707 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.17 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.13	56.67	2.45
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2087.8	4517.0	1579.6
LO SPEED MODE (PPM)	2711.0	9207.5	1602.8
IDLE MODE (PPM)	3038.8	39748.8	273.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2039.9	4517.0	1817.4
LO SPEED MODE (PPM)	2567.1	6094.1	1993.6
IDLE MODE (PPM)	2807.0	34297.1	748.0
FEDERAL SHORT CYCLE (GPM)	2.71	25.55	3.25
FEDERAL SHORT CYCLE (PPM)	166.3	776.4	67.6
NJ/NY COMPOSITE TEST (PPM)	124.7	853.3	20.3

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-7480
 RETEST : NO
 MICH LIC. NO. : JFJ037

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 800 RPM
 ODOMETER : 15850 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 29.16 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	8.29	200.05	0.98
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	3262.3	51823.9	307.6
LO SPEED MODE (PPM)	3952.3	63147.4	193.7
IDLE MODE (PPM)	5715.1	64741.8	44.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	3413.7	50824.9	365.7
LO SPEED MODE (PPM)	3936.6	59995.8	230.9
IDLE MODE (PPM)	6094.7	67318.9	48.6
FEDERAL SHORT CYCLE (GPM)	5.63	169.30	0.45
FEDERAL SHORT CYCLE (PPM)	346.4	5160.9	9.5
NJ/NY COMPOSITE TEST (PPM)	293.8	4685.6	6.6

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-7474
 RETEST : NO
 MICH LIC. NO. : KFF959

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN. TIMING : 8.0@ 800 RPM
 ODOMETER : 14823 MI
 WET BULB TEMP : 59.4 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.96 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.18	73.66	2.65
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2008.0	7398.5	1056.6
LO SPEED MODE (PPM)	2055.9	13507.2	678.9
IDLE MODE (PPM)	3747.1	69600.6	116.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2151.6	9126.6	1215.8
LO SPEED MODE (PPM)	2039.9	10100.7	804.3
IDLE MODE (PPM)	3445.5	61040.9	132.7
FEDERAL SHORT CYCLE (GPM)	3.14	67.47	1.02
FEDERAL SHORT CYCLE (PPM)	194.5	2067.4	20.9
NJ/NY COMPOSITE TEST (PPM)	196.1	2207.2	21.9

 207(8) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-7469
 RETEST : NO
 MICH LIC. NO. : KPP068

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 775 RPM
 ODOMETER : 15972 MI
 WET BULB TEMP : 57.5 F
 DRY BULB TEMP : 71.0 F
 BAROMETER : 28.94 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.45	44.65	2.51
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2519.1	13008.6	1427.9
LO SPEED MODE (PPM)	2918.9	9207.5	1845.2
IDLE MODE (PPM)	1419.2	21004.0	330.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2495.1	15971.7	1346.2
LO SPEED MODE (PPM)	2942.9	9976.2	1914.2
IDLE MODE (PPM)	1435.1	11753.5	239.7
FEDERAL SHORT CYCLE (GPM)	2.61	27.57	2.56
FEDERAL SHORT CYCLE (PPM)	160.6	840.7	52.7
NJ/NY COMPOSITE TEST (PPM)	121.9	890.2	18.8

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7464
RETEST : NO
MICH LIC. NO. : RTT044

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0 RPM
ODOMETER : 16776 MI
WET BULB TEMP : 60.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.83 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.82	55.77	3.71
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2615.0	15482.6	2096.0
LO SPEED MODE (PPM)	3834.1	34297.1	1148.0
IDLE MODE (PPM)	3254.3	46675.5	237.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2583.1	14004.0	2331.0
LO SPEED MODE (PPM)	3501.2	31929.0	1356.8
IDLE MODE (PPM)	3102.7	36723.8	260.7
FEDERAL SHORT CYCLE (GPM)	3.39	64.40	2.22
FEDERAL SHORT CYCLE (PPM)	210.1	1977.1	45.4
NJ/NY COMPOSITE TEST (PPM)	155.9	1735.8	18.6

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-6878
 RETEST : YES
 MICH LIC. NO. : NJR387

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 600 RPM
 ODOMETER : 10991 MI
 WET BULB TEMP : 57.5 F
 DRY BULB TEMP : 75.5 F
 BAROMETER : 28.99 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.77	32.32	2.44
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	238.3	2302.3	720.6
LO SPEED MODE (PPM)	428.6	4654.9	296.1
IDLE MODE (PPM)	1189.1	13466.2	122.6
FFDERAL 3-MODE			
HI SPEED MODE (PPM)	238.3	4452.3	854.8
LO SPEED MODE (PPM)	571.2	8735.1	217.6
IDLE MODE (PPM)	381.1	6661.7	73.2
FEDERAL SHORT CYCLE (GPM)	1.33	25.61	1.57
FFDERAL SHORT CYCLE (PPM)	81.6	779.9	33.5
NJ/NY COMPOSITE TEST (PPM)	71.9	408.7	14.8

207(H) TEST RESULTS

MAKE : (F0 MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7453
PETEST : NO
MICH LIC. NO. : LGL783

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 18.0@ 650 RPM
ODOMETER : 13620 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 75.3 F
BAROMETER : 29.25 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.24	33.89	1.11
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	428.6	6094.1	289.3
LO SPEED MODE (PPM)	396.9	10486.3	172.4
IDLE MODE (PPM)	547.5	17910.1	75.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	555.4	6877.9	460.4
LO SPEED MODE (PPM)	476.2	10231.5	206.7
IDLE MODE (PPM)	515.8	10740.7	82.8
FEDERAL SHORT CYCLE (GPM)	1.31	25.17	0.69
FEDERAL SHORT CYCLE (PPM)	80.0	759.3	13.9
NJ/NY COMPOSITE TEST (PPM)	53.7	707.5	9.9

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7440
RETEST : NO
MICH LIC. NO. : KXK568

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 10.0@ 750 RPM
ODOMETER : 17838 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 29.50 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.13	49.53	3.32
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2199.5	5307.1	2107.4
LO SPEED MODE (PPM)	3991.6	21474.6	1338.1
IDLE MODE (PPM)	4673.7	81031.7	152.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2247.4	4452.3	2303.3
LO SPEED MODE (PPM)	3975.9	20517.4	1461.7
IDLE MODE (PPM)	5484.7	90137.2	535.9
FEDERAL SHORT CYCLE (GPM)	2.63	34.91	2.64
FEDERAL SHORT CYCLE (PPM)	159.4	1046.8	54.5
NJ/NY COMPOSITE TEST (PPM)	135.5	1121.1	48.9

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7435
RETEST : NO
MICH LIC. NO. : FZB692

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : .0.0@ 575 RPM
ODOMETER : 17696 MI
WET BULB TEMP : 59.8 F
DRY BULB TEMP : 75.2 F
BAROMETER : 29.49 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.60	31.53	1.56
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1968.2	4041.7	768.7
LO SPEED MODE (PPM)	3086.7	11753.5	877.9
IDLE MODE (PPM)	3975.9	57921.8	159.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2008.0	3247.5	1011.3
LO SPEED MODE (PPM)	3413.7	12257.0	964.9
IDLE MODE (PPM)	3873.5	53836.5	198.9
FEDERAL SHORT CYCLE (GPM)	2.19	15.91	1.43
FEDERAL SHORT CYCLE (PPM)	132.6	476.5	29.6
NJ/NY COMPOSITE TEST (PPM)	110.0	577.3	21.7

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7417
RETEST : NO
MICH LIC. NO. : FTK932

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 7.0@ 775 RPM
ODOMETER : 15231 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 74.5 F
BAROMETER : 29.01 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.79	32.60	1.48
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1331.9	5359.6	639.0
LO SPEED MODE (PPM)	1109.8	9720.4	544.1
IDLE MODE (PPM)	880.1	2238.6	250.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1466.9	4517.0	833.0
LO SPEED MODE (PPM)	1228.7	11753.5	606.0
IDLE MODE (PPM)	444.5	1226.9	217.6
FEDERAL SHORT CYCLE (GPM)	1.52	11.48	1.70
FEDERAL SHORT CYCLE (PPM)	93.1	349.3	34.9
NJ/NY COMPOSITE TEST (PPM)	70.1	517.4	14.7

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207(B) TEST RESULTS
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MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7412
RETEST : NO
MICH LIC. NO. : RZF673

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 16.0@ 625 RPM
ODOMETER : 10815 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 29.00 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.52	42.60	1.14
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1395.4	3988.8	436.6
LO SPEED MODE (PPM)	1149.5	12257.0	195.9
IDLE MODE (PPM)	729.6	15237.4	92.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1641.7	5569.8	846.1
LO SPEED MODE (PPM)	1078.1	14251.6	235.3
IDLE MODE (PPM)	595.0	12005.5	102.5
FEDERAL SHORT CYCLE (GPM)	1.84	28.06	0.90
FEDERAL SHORT CYCLE (PPM)	111.0	836.4	17.9
NJ/NY COMPOSITE TEST (PPM)	96.8	752.0	11.8

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CORONET
 TEST NO. : 16-7407
 RETEST : NO
 MICH LIC. NO. : GSR359

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 800 RPM
 ODOMETER : 10663 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 28.99 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.67	69.65	2.59
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1888.5	3883.1	1553.4
LO SPEED MODE (PPM)	2807.0	14991.6	1714.8
IDLE MODE (PPM)	3030.8	52827.8	174.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1864.6	2612.1	1427.9
LO SPEED MODE (PPM)	2663.0	6163.1	2050.7
IDLE MODE (PPM)	3421.7	44924.8	463.1
FEDERAL SHORT CYCLE (GPM)	3.26	48.05	3.03
FEDERAL SHORT CYCLE (PPM)	202.0	1475.0	63.5
NJ/NY COMPOSITE TEST (PPM)	151.6	1539.2	20.4

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7402
RETEST : NO
MICH LIC. NO. : HJK307

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 3.0@ 750 RPM
ODOMETER : 14315 MI
WET BULB TEMP : 58.8 F
DRY BULB TEMP : 76.2 F
BAROMETER : 29.18 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	0.74	18.10	0.95
LAYTON KEYMODE TEST			
104 HI SPEED MODE (PPM)	840.5	3936.0	354.0
LO SPEED MODE (PPM)	705.8	9669.2	222.0
IDLE MODE (PPM)	658.3	9207.5	92.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	476.2	10994.6	195.9
LO SPEED MODE (PPM)	975.1	10740.7	244.2
IDLE MODE (PPM)	317.7	8434.8	82.8
FEDERAL SHORT CYCLE (GPM)	0.98	12.44	0.91
FEDERAL SHORT CYCLE (PPM)	59.9	376.4	18.8
NJ/NY COMPOSITE TEST (PPM)	30.7	360.9	12.6

207(H) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7397
RETEST : NO
MICH LIC. NO. : KMG976

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 6.0@ 750 RPM
ODOMETER : 5560 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.14 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.52	29.18	1.50
105 LAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1379.5	2398.1	662.5
LO SPEED MODE (PPM)	3118.6	16459.0	639.0
IDLE MODE (PPM)	1427.1	3194.5	206.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2024.0	2929.3	1086.8
LO SPEED MODE (PPM)	3373.9	15482.6	859.1
IDLE MODE (PPM)	1387.4	7138.4	200.2
FEDERAL SHORT CYCLE (GPM)	2.06	14.04	1.31
FEDERAL SHORT CYCLE (PPM)	126.4	427.0	27.2
NJ/NY COMPOSITE TEST (PPM)	101.3	450.7	16.9

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-7392
 RETEST : NO
 MICH LIC. NO. : KXR368

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 7.0@ 850 RPM
 ODOMETER : 13755 MI
 WET BULB TEMP : 59.0 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 29.17 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.91	38.48	1.60
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1904.4	3194.5	752.6
LO SPEED MODE (PPM)	3818.3	21239.4	804.3
IDLE MODE (PPM)	2902.9	29597.7	174.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2103.8	2557.5	990.2
LO SPEED MODE (PPM)	4179.7	21474.6	727.5
IDLE MODE (PPM)	3421.7	47585.2	174.5
FEDERAL SHORT CYCLE (GPM)	2.32	22.05	2.02
FEDERAL SHORT CYCLE (PPM)	142.4	669.8	42.0
NJ/NY COMPOSITE TEST (PPM)	104.2	531.1	19.6

 207(8) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEVY IMPALA
 TEST NO. : 16-7384
 RETEST : NO
 MICH LIC. NO. : JCN948

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.00@ 600 RPM
 ODOMETER : 16080 MI
 WET BULB TEMP : 73.0 F
 DRY BULB TEMP : 80.0 F
 BAROMETER : 29.38 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.45	22.16	3.27
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	452.4	5307.1	393.9
LO SPEED MODE (PPM)	658.3	6877.9	206.7
IDLE MODE (PPM)	1260.5	9976.2	151.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	634.6	4517.0	443.7
LO SPEED MODE (PPM)	816.7	5832.1	296.1
IDLE MODE (PPM)	444.5	4517.0	153.4
FEDERAL SHORT CYCLE (GPM)	1.98	13.99	1.43
FEDERAL SHORT CYCLE (PPM)	121.9	426.1	29.4
NJ/NY COMPOSITE TEST (PPM)	102.4	267.2	14.8

207(R) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7379
RETEST : NO
MICH LIC. NO. : KGR354

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 2.0@ 550 RPM
ODOMETER : 13418 MI
WET BULB TEMP : 68.8 F
DRY BULB TEMP : 77.0 F
BAROMETER : 29.48 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.51	31.23	1.21
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	745.4	6163.1	361.0
LO SPEED MODE (PPM)	682.1	10294.8	195.9
IDLE MODE (PPM)	4132.8	5662.5	112.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	943.4	4147.8	429.5
LO SPEED MODE (PPM)	895.9	14417.1	307.6
IDLE MODE (PPM)	2343.3	3126.5	358.6
FEDERAL SHORT CYCLE (GPM)	2.14	18.41	1.23
FEDERAL SHORT CYCLE (PPM)	130.0	552.8	20.0
NJ/NY COMPOSITE TEST (PPM)	132.6	620.3	8.0

207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 16-7372
RETEST : NO
MICH LIC. NO. : NZY485

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 650 RPM
ODOMETER : 12712 MI
WET BULB TEMP : 66.0 F
DRY BULB TEMP : 77.5 F
BAROMETER : 29.47 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	6.59	121.91	3.12
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2767.0	1053.3	1967.4
LO SPEED MODE (PPM)	4862.9	35390.3	949.7
IDLE MODE (PPM)	6905.0	95510.6	157.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2535.1	3740.4	1995.4
LO SPEED MODE (PPM)	3342.0	20517.4	1888.9
IDLE MODE (PPM)	6925.2	94190.1	284.7
FEDERAL SHORT CYCLE (GPM)	4.89	94.39	2.87
FEDERAL SHORT CYCLE (PPM)	298.4	2850.9	49.6
NJ/NY COMPOSITE TEST (PPM)	214.7	2985.4	14.2

207(H) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEVY CAPRICE
TEST NO. : 16-7351
RETEST : NO
MICH LIC. NO. : JZW256

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 675 RPM
ODOMETER : 8207 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 28.99 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.59	17.76	2.09
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	365.2	5159.8	453.3
LO SPEED MODE (PPM)	420.7	5159.8	153.4
IDLE MODE (PPM)	998.9	5159.8	191.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	325.6	6163.1	627.3
LO SPEED MODE (PPM)	428.6	5159.8	222.0
IDLE MODE (PPM)	389.0	3638.4	96.5
FEDERAL SHORT CYCLE (GPM)	1.04	9.87	1.27
FEDERAL SHORT CYCLE (PPM)	64.1	302.9	27.2
NJ/NY COMPOSITE TEST (PPM)	60.5	163.6	15.3

207(R) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEVY CAPRICE
TEST NO. : 16-7346
RETEST : NO
MICH LIC. NO. : LDY402

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 675 RPM
ODOMETER : 9245 MI
WET BULB TEMP : 58.5 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.00 IN HG

	HC ----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.37	20.49	1.97
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	254.2	3433.9	484.3
LO SPEED MODE (PPM)	333.5	2509.0	120.5
IDLE MODE (PPM)	1006.8	11358.3	153.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	262.1	4249.4	551.2
LO SPEED MODE (PPM)	301.8	4249.4	200.2
IDLE MODE (PPM)	246.3	5059.0	114.5
FEDERAL SHORT CYCLE (GPM)	1.06	19.43	1.21
FEDERAL SHORT CYCLE (PPM)	65.4	594.5	25.1
NJ/NY COMPOSITE TEST (PPM)	67.5	362.8	13.5

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207(R) TEST RESULTS
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MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 16-7341
RETEST : NO
MICH LIC. NO. : RWC707

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 625 RPM
ODOMETER : 11387 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 77.0 F
BAROMETER : 28.80 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	5.81	113.62	1.66
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	4195.3	39641.6	806.5
LO SPEED MODE (PPM)	5042.1	35860.0	1152.7
IDLE MODE (PPM)	4281.0	52325.2	132.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	4023.1	34921.2	1025.7
LO SPEED MODE (PPM)	4840.3	30720.8	1177.5
IDLE MODE (PPM)	4015.2	53836.5	114.5
FEDERAL SHORT CYCLE (GPM)	4.74	94.14	1.11
FEDERAL SHORT CYCLE (PPM)	291.3	2866.4	23.2
NJ/NY COMPOSITE TEST (PPM)	218.6	2556.5	11.7

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7326
RETEST : NO
MICH LIC. NO. : MBW356

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 21.0@ 725 RPM
ODOMETER : 7851 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 75.5 F
BAROMETER : 29.07 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.52	36.44	1.06
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	658.3	1575.6	389.2
LO SPEED MODE (PPM)	713.8	8833.1	183.0
IDLE MODE (PPM)	792.9	17247.3	71.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	634.6	2921.1	601.2
LO SPEED MODE (PPM)	808.8	12511.0	230.9
IDLE MODE (PPM)	523.7	11550.9	88.7
FEDERAL SHORT CYCLE (GPM)	1.07	19.29	0.60
FEDERAL SHORT CYCLE (PPM)	65.5	585.0	12.7
NJ/NY COMPOSITE TEST (PPM)	70.6	868.7	12.6

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CORONET
 TEST NO. : 16-7367
 RETEST : NO
 MICH LIC. NO. : NZY937

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 15.0@ 750 RPM
 ODOMETER : 6080 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 77.0 F
 BAROMETER : 29.15 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.63	62.33	2.87
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2024.0	2612.1	1606.4
LO SPEED MODE (PPM)	3381.9	18184.5	1452.5
IDLE MODE (PPM)	3286.2	54850.1	296.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1960.2	2921.1	1597.4
LO SPEED MODE (PPM)	2830.9	3638.4	2303.3
IDLE MODE (PPM)	3182.5	47364.3	607.6
FEDERAL SHORT CYCLE (GPM)	2.69	36.43	3.63
FEDERAL SHORT CYCLE (PPM)	165.2	1109.0	74.6
NJ/NY COMPOSITE TEST (PPM)	139.3	1526.7	22.5

 207(8) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-7321
 RETEST : NO
 MICH LIC. NO. : KTT976

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 4.0@ 650 RPM
 ODOMETER : 8549 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 29.04 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.60	37.27	2.51
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1070.2	6661.7	839.6
LO SPEED MODE (PPM)	991.0	10585.5	477.1
IDLE MODE (PPM)	1094.0	16024.6	143.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1149.5	6661.7	1195.0
LO SPEED MODE (PPM)	1094.0	13466.2	579.8
IDLE MODE (PPM)	1387.4	10585.5	217.6
FEDERAL SHORT CYCLE (GPM)	2.17	24.61	1.76
FEDERAL SHORT CYCLE (PPM)	133.0	747.4	36.0
NJ/NY COMPOSITE TEST (PPM)	130.6	853.0	27.5

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207(H) TEST RESULTS
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MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-7316
RETEST : NO
MICH LIC. NO. : LMF910

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 8.0@ 625 RPM
ODOMETER : 11800 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 76.5 F
BAROMETER : 29.06 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.31	37.13	1.19
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1228.7	2612.1	650.8
LO SPEED MODE (PPM)	2423.2	6163.1	874.2
IDLE MODE (PPM)	3501.2	59475.3	102.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1705.3	2612.1	1114.6
LO SPEED MODE (PPM)	2862.9	8637.1	1000.2
IDLE MODE (PPM)	3920.8	65276.0	143.0
FEDERAL SHORT CYCLE (GPM)	1.97	16.70	1.08
FEDERAL SHORT CYCLE (PPM)	121.0	508.0	22.4
NJ/NY COMPOSITE TEST (PPM)	103.9	847.1	14.8

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY ROADRUNNER
TEST NO. : 16-7291
RETEST : NO
MICH LIC. NO. : RPV512

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 4.0@ 700 RPM
ODOMETER : 6883 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.02 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.85	60.18	3.45
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2199.5	7850.4	1995.4
LO SPEED MODE (PPM)	2583.1	13466.2	1652.5
IDLE MODE (PPM)	2982.8	47855.3	424.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2303.3	8145.9	2107.4
LO SPEED MODE (PPM)	2902.9	18652.2	2303.3
IDLE MODE (PPM)	3182.5	50824.9	607.6
FEDERAL SHORT CYCLE (GPM)	3.50	58.72	3.04
FEDERAL SHORT CYCLE (PPM)	215.1	1788.0	62.6
NJ/NY COMPOSITE TEST (PPM)	152.6	1666.4	22.0

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY CHARGER
 TEST NO. : 16-7286
 RETEST : NO
 MICH LIC. NO. : KJL934

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 690 RPM
 ODOMETER : 11035 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 29.07 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.12	36.31	2.52
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2087.8	4654.9	1482.3
LO SPEED MODE (PPM)	2926.9	5159.8	2107.4
IDLE MODE (PPM)	2103.8	18652.2	535.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1944.3	4654.9	1702.6
LO SPEED MODE (PPM)	2822.9	4654.9	2247.7
IDLE MODE (PPM)	1506.6	14891.0	535.9
FEDERAL SHORT CYCLE (GPM)	2.16	13.23	2.60
FEDERAL SHORT CYCLE (PPM)	132.3	401.7	52.4
NJ/NY COMPOSITE TEST (PPM)	105.0	457.9	24.5

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : PINTO
TEST NO. : 16-7281
RETEST : NO
MICH LIC. NO. : MVS279

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 11.0@ 800 RPM
ODOMETER : 11916 MI
WET BULB TEMP : 61.0 F
DRY BULB TEMP : 79.0 F
BAROMETER : 29.07 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.73	36.68	1.23
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1125.7	3638.4	674.2
LO SPEED MODE (PPM)	1022.6	13466.2	370.4
IDLE MODE (PPM)	1038.5	12511.0	122.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1498.6	11550.9	811.0
LO SPEED MODE (PPM)	1323.9	14417.1	548.8
IDLE MODE (PPM)	499.9	12989.2	122.6
FEDERAL SHORT CYCLE (GPM)	1.72	21.48	1.40
FEDERAL SHORT CYCLE (PPM)	105.4	653.2	29.1
NJ/NY COMPOSITE TEST (PPM)	85.6	667.6	14.6

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEVY CAPRICE
 TEST NO. : 21-7267
 RETEST : NO
 MICH LIC. NO. : RMT468

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 15.0@ 620 RPM
 ODOMETER : 10182 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 28.69 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.97	45.21	2.40
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	618.7	5461.7	704.4
LO SPEED MODE (PPM)	634.6	13847.1	147.2
IDLE MODE (PPM)	895.9	30906.8	69.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	610.8	12798.0	757.1
LO SPEED MODE (PPM)	785.0	14701.5	224.2
IDLE MODE (PPM)	412.8	16118.8	75.1
FEDERAL SHORT CYCLE (GPM)	1.44	60.16	0.86
FEDERAL SHORT CYCLE (PPM)	90.5	1875.9	17.6
NJ/NY COMPOSITE TEST (PPM)	69.0	1680.7	8.2

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : PINTO
 TEST NO. : 16-7262
 RETEST : NO
 MICH LIC. NO. : HXZ698

DISPLACEMENT : 0.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 0.0
 INERTIA WT : 2750 LB

IGN TIMING : 13.0@ 700 RPM
 ODOMETER : 11962 MI
 WET BULB TEMP : 60.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.50 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.60	40.26	1.51
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2175.6	5762.8	826.4
LO SPEED MODE (PPM)	3014.8	11550.9	1047.0
IDLE MODE (PPM)	3150.6	40117.6	134.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2287.4	5461.7	994.2
LO SPEED MODE (PPM)	3174.5	12031.6	1316.7
IDLE MODE (PPM)	2647.0	35860.0	130.7
FEDERAL SHORT CYCLE (GPM)	2.05	20.50	1.72
FEDERAL SHORT CYCLE (PPM)	128.0	633.8	35.0
NJ/NY COMPOSITE TEST (PPM)	105.7	767.5	15.8

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : PINTO
 TEST NO. : 21-7257
 RETEST : NO
 MICH LIC. NO. : LKP730

DISPLACEMENT : 0.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 5.0@ 525 RPM
 ODOMETER : 4416 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 28.70 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.09	81.01	0.54
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2127.7	8145.9	579.8
LO SPEED MODE (PPM)	3429.6	42509.9	259.8
IDLE MODE (PPM)	7231.3	65704.4	21.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2119.7	6661.7	945.6
LO SPEED MODE (PPM)	3445.5	37650.7	443.7
IDLE MODE (PPM)	7231.3	64635.1	35.6
FEDERAL SHORT CYCLE (GPM)	2.84	86.79	0.91
FEDERAL SHORT CYCLE (PPM)	177.0	2674.1	18.6
NJ/NY COMPOSITE TEST (PPM)	191.0	3358.0	9.0

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : PINTO
TEST NO. : 16-7241
RETEST : NO
MICH LIC. NO. : KTD461

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 2750 LB

IGN TIMING : 7.0@ 475 RPM
ODOMETER : 5883 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 29.02 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.26	42.11	1.57
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2063.9	3638.4	1000.2
LO SPEED MODE (PPM)	3699.6	22376.1	1039.3
IDLE MODE (PPM)	6284.1	87187.7	73.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2143.7	4147.8	1436.1
LO SPEED MODE (PPM)	3580.7	19585.8	1186.3
IDLE MODE (PPM)	5864.5	86015.8	92.6
FEDERAL SHORT CYCLE (GPM)	2.48	20.76	1.66
FEDERAL SHORT CYCLE (PPM)	151.9	631.3	34.6
NJ/NY COMPOSITE TEST (PPM)	150.3	290.4	23.1

 207(H) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV IMPALA
 TEST NO. : 16-7226
 RETEST : NO
 MICH LIC. NO. : RYH802

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 4.0@ 600 RPM
 ODOMETER : 9800 MI
 WET BULB TEMP : 60.5 F
 DRY BULB TEMP : 75.5 F
 BAROMETER : 28.67 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.70	28.49	6.07
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	317.7	3638.4	424.7
LO SPEED MODE (PPM)	357.3	1053.3	185.1
IDLE MODE (PPM)	832.5	1053.3	149.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	317.7	6661.7	508.2
LO SPEED MODE (PPM)	238.3	1575.6	176.6
IDLE MODE (PPM)	1347.8	1575.6	73.2
FEDERAL SHORT CYCLE (GPM)	1.55	7.28	1.11
FEDERAL SHORT CYCLE (PPM)	96.9	225.4	23.6
NJ/NY COMPOSITE TEST (PPM)	83.8	151.8	14.0

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-7221
RETEST : NO
MICH LIC. NO. : LFC832

DISPLACEMENT : 318.0 CU-IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ RPM
ODOMETER : 11988 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.95 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.98	72.84	2.57
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1816.8	4249.4	1562.1
LO SPEED MODE (PPM)	2998.8	16495.5	1519.2
IDLE MODE (PPM)	3810.4	59787.4	183.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1928.3	5059.0	1731.1
LO SPEED MODE (PPM)	2415.2	21911.9	1633.8
IDLE MODE (PPM)	4726.9	70915.5	217.6
FEDERAL SHORT CYCLE (GPM)	2.81	45.15	2.57
FEDERAL SHORT CYCLE (PPM)	172.7	1374.8	53.6
NJ/NY COMPOSITE TEST (PPM)	142.0	1570.0	19.2

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-7216
 RETEST : NO
 MICH LIC. NO. : RZM079

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 2.0@ 650 RPM
 ODOMETER : 9266 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 74.5 F
 BAROMETER : 28.77 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.51	96.36	2.22
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2223.5	2612.1	1444.3
LO SPEED MODE (PPM)	3342.0	13942.2	1606.4
IDLE MODE (PPM)	4482.2	77950.6	153.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2343.3	4958.1	1510.8
LO SPEED MODE (PPM)	3342.0	13942.2	1907.3
IDLE MODE (PPM)	4900.4	79657.6	314.0
FEDERAL SHORT CYCLE (GPM)	3.32	74.46	1.89
FEDERAL SHORT CYCLE (PPM)	203.9	2263.5	38.4
NJ/NY COMPOSITE TEST (PPM)	197.9	2804.9	15.3

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : PINTO
TEST NO. : 16-7207
RETEST : NO
MICH LIC. NO. : KMX202

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 2750 LB

IGN TIMING : 26.0@ 725 RPM
ODOMETER : 9548 MI
WET BULB TEMP : 59.8 F
DRY BULB TEMP : 75.2 F
BAROMETER : 29.00 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.24	36.33	2.03
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1506.6	2095.2	1029.6
LO SPEED MODE (PPM)	1308.1	19119.2	639.0
IDLE MODE (PPM)	1546.3	3638.4	163.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1546.3	2612.1	1296.8
LO SPEED MODE (PPM)	1586.0	22840.0	709.1
IDLE MODE (PPM)	792.9	3944.3	174.5
FEDERAL SHORT CYCLE (GPM)	2.11	26.89	1.77
FEDERAL SHORT CYCLE (PPM)	129.0	815.3	36.0
NJ/NY COMPOSITE TEST (PPM)	97.0	581.9	20.0

207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 16-7200
RETEST : NO
MICH LIC. NO. : HFN632

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.4@ 775 RPM
ODOMETER : 11309 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 73.5 F
BAROMETER : 29.08 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.05	45.98	3.05
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2383.2	3638.4	1532.8
LO SPEED MODE (PPM)	2822.9	6661.7	1643.1
IDLE MODE (PPM)	3262.3	30256.1	307.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2543.1	6163.1	1940.3
LO SPEED MODE (PPM)	3286.2	10585.5	2413.7
IDLE MODE (PPM)	3342.0	21911.9	351.8
FEDERAL SHORT CYCLE (GPM)	2.78	27.09	2.68
FEDERAL SHORT CYCLE (PPM)	170.4	822.4	54.7
NJ/NY COMPOSITE TEST (PPM)	140.4	743.3	20.7

 207(R) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-7194
 RETEST : NO
 MICH LIC. NO. : RSL449

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 10.0@ 675 RPM
 ODOMETER : 8316 MI
 WET BULB TEMP : 60.5 F
 DRY BULB TEMP : 79.0 F
 BAROMETER : 29.08 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.50	24.32	2.03
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	198.7	3126.5	377.4
LO SPEED MODE (PPM)	254.2	6661.7	195.9
IDLE MODE (PPM)	951.3	11068.9	163.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	198.7	3638.4	472.4
LO SPEED MODE (PPM)	317.7	7158.3	195.9
IDLE MODE (PPM)	174.8	4147.8	102.5
FEDERAL SHORT CYCLE (GPM)	1.04	22.51	1.07
FEDERAL SHORT CYCLE (PPM)	63.8	682.2	22.0
NJ/NY COMPOSITE TEST (PPM)	67.5	497.0	24.7

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-7183
 RETEST : NO
 MICH LIC. NO. : LVL831

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 2750 LB

IGN TIMING : 2.1@ 725 RPM
 ODOMETER : 11213 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 75.5 F
 BAROMETER : 28.30 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.40	33.29	0.88
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1030.6	4654.9	330.7
LO SPEED MODE (PPM)	634.6	12989.2	250.9
IDLE MODE (PPM)	222.5	6163.1	122.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1228.7	5662.5	448.5
LO SPEED MODE (PPM)	792.9	13466.2	307.6
IDLE MODE (PPM)	476.2	6661.7	228.6
FEDERAL SHORT CYCLE (GPM)	1.83	32.84	0.88
FEDERAL SHORT CYCLE (PPM)	116.3	1032.2	18.5
NJ/NY COMPOSITE TEST (PPM)	54.8	786.0	6.6

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 207(B) TEST RESULTS
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MAKE : (GM) CHEVROLET
 MODEL : CHEVY IMPALA
 TEST NO. : 16-7178
 RETEST : NO
 MICH LIC. NO. : RWW335

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 625 RPM
 ODOMETER : 4675 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.94 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.61	33.65	1.70
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	317.7	5662.5	319.1
LO SPEED MODE (PPM)	301.8	4654.9	153.4
IDLE MODE (PPM)	951.3	10585.5	143.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	595.0	10585.5	401.0
LO SPEED MODE (PPM)	404.9	7158.3	163.9
IDLE MODE (PPM)	285.9	6661.7	79.0
FEDERAL SHORT CYCLE (GPM)	1.08	31.42	1.00
FEDERAL SHORT CYCLE (PPM)	66.7	957.4	20.4
NJ/NY COMPOSITE TEST (PPM)	63.5	557.0	11.7

207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 16-6859
RETEST : NO
MICH LIC. NO. : LXM744

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 800 RPM
ODOMETER : 6212 MI
WET BULB TEMP : 58.5 F
DRY BULB TEMP : 75.5 F
BAROMETER : 29.38 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.79	89.72	2.63
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2143.7	5159.8	1967.4
LO SPEED MODE (PPM)	2591.1	5461.7	2225.4
IDLE MODE (PPM)	4319.8	74461.4	389.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2071.8	3842.4	2073.4
LO SPEED MODE (PPM)	2623.0	8244.3	2247.7
IDLE MODE (PPM)	4428.2	71576.0	441.1
FEDERAL SHORT CYCLE (GPM)	3.56	77.90	3.26
FEDERAL SHORT CYCLE (PPM)	215.5	2335.2	67.5
NJ/NY COMPOSITE TEST (PPM)	183.8	2698.9	20.9

 207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-6852
 RETEST : NO
 MICH LIC. NO. : JCF974

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 650 RPM
 ODOMETER : 6927 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 77.5 F
 BAROMETER : 29.46 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.00	21.17	3.18
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2319.3	1679.8	1480.6
LO SPEED MODE (PPM)	2703.0	2198.8	1753.9
IDLE MODE (PPM)	1570.2	4046.1	377.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2279.4	1991.5	5252.5
LO SPEED MODE (PPM)	2775.0	1991.5	2050.7
IDLE MODE (PPM)	824.6	3126.5	411.5
FEDERAL SHORT CYCLE (GPM)	2.02	9.70	2.60
FEDERAL SHORT CYCLE (PPM)	122.3	290.4	54.2
NJ/NY COMPOSITE TEST (PPM)	82.4	176.2	23.6

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207 (R) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-6847
RETEST : NO
MICH LIC. NO. : NJB387

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 9.0@ 650 RPM
ODOMETER : 10975 MI
WET BULB TEMP : 57.6 F
DRY BULB TEMP : 75.3 F
BAROMETER : 29.44 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.55	36.50	2.52
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	238.3	1367.0	520.2
LO SPEED MODE (PPM)	381.1	4857.1	287.0
IDLE MODE (PPM)	1062.3	17903.6	112.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	293.9	3433.9	648.5
LO SPEED MODE (PPM)	484.1	6661.7	264.3
IDLE MODE (PPM)	262.1	6362.8	110.5
FEDERAL SHORT CYCLE (GPM)	1.33	33.56	1.56
FEDERAL SHORT CYCLE (PPM)	80.2	1002.8	32.8
NJ/NY COMPOSITE TEST (PPM)	62.7	446.9	15.0

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6830
RETEST : NO
MICH LIC. NO. : RXM787

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 16.0@ 800 RPM
ODOMETER : 6255 MI
WET BULB TEMP : 60.0 F
DRY BULB TEMP : 76.0 F
BAROMETER : 29.19 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.36	33.31	2.22
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	943.4	3023.8	759.4
LO SPEED MODE (PPM)	895.9	14985.7	424.7
IDLE MODE (PPM)	507.9	11550.9	149.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	975.1	3126.5	1105.4
LO SPEED MODE (PPM)	1030.6	17903.6	496.3
IDLE MODE (PPM)	365.2	8440.8	157.6
FEDERAL SHORT CYCLE (GPM)	1.32	29.73	1.44
FEDERAL SHORT CYCLE (PPM)	80.4	895.9	29.2
NJ/NY COMPOSITE TEST (PPM)	48.8	768.1	19.5

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6825
RETEST : NO
MICH LIC. NO. : KMN931

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 9.0@ 800 RPM
ODOMETER : 9386 MI
WET BULB TEMP : 57.0 F
DRY BULB TEMP : 72.0 F
BAROMETER : 29.22 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.25	23.49	1.57
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1022.6	3126.5	532.1
LO SPEED MODE (PPM)	563.3	7751.7	356.3
IDLE MODE (PPM)	626.7	1471.4	180.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	943.4	3126.5	872.1
LO SPEED MODE (PPM)	476.2	8047.5	541.7
IDLE MODE (PPM)	222.5	2095.2	166.0
FEDERAL SHORT CYCLE (GPM)	1.27	21.43	1.23
FEDERAL SHORT CYCLE (PPM)	77.3	645.5	25.6
NJ/NY COMPOSITE TEST (PPM)	50.0	498.9	13.3

207(R) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6817
RETEST : NO
MICH LIC. NO. : MPL816

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 14.0@ 675 RPM
ODOMETER : 8672 MI
WET BULB TEMP : 57.3 F
DRY BULB TEMP : 72.3 F
BAROMETER : 29.19 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.18	32.17	2.40
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1062.3	1367.0	484.3
LO SPEED MODE (PPM)	895.9	10875.7	474.8
IDLE MODE (PPM)	1363.6	9614.4	141.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1109.8	1471.4	786.5
LO SPEED MODE (PPM)	1109.8	13561.5	575.1
IDLE MODE (PPM)	872.1	5159.8	198.1
FEDERAL SHORT CYCLE (GPM)	2.04	21.24	1.81
FEDERAL SHORT CYCLE (PPM)	123.3	634.9	37.3
NJ/NY COMPOSITE TEST (PPM)	91.4	591.7	25.0

207(R) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6800
RETEST : NO
MICH LIC. NO. : JVT375

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 8.0@ 800 RPM
ODOMETER : 10880 MI
WET BULB TEMP : 60.3 F
DRY BULB TEMP : 74.8 F
BAROMETER : 29.13 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.18	24.90	1.13
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	428.6	1783.8	337.6
LO SPEED MODE (PPM)	293.9	4249.4	262.1
IDLE MODE (PPM)	1022.6	7257.4	112.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	484.1	3536.2	434.2
LO SPEED MODE (PPM)	373.2	4958.1	262.1
IDLE MODE (PPM)	634.6	3740.4	94.6
FEDERAL SHORT CYCLE (GPM)	1.19	14.67	0.75
FEDERAL SHORT CYCLE (PPM)	72.2	441.2	14.9
NJ/NY COMPOSITE TEST (PPM)	61.4	475.5	10.0

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-6795
RETEST : NO
MICH LIC. NO. : MLR918

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 9.0@ 700 RPM
ODOMETER : 10027 MI
WET BULB TEMP : 59.2 F
DRY BULB TEMP : 74.0 F
BAROMETER : 29.15 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.72	25.06	2.56
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	357.3	1887.7	522.6
LO SPEED MODE (PPM)	499.9	3740.4	273.4
IDLE MODE (PPM)	1133.6	11165.4	168.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	396.9	4147.8	688.2
LO SPEED MODE (PPM)	610.8	6860.5	303.0
IDLE MODE (PPM)	278.0	4756.1	132.7
FEDERAL SHORT CYCLE (GPM)	1.49	27.81	1.35
FEDERAL SHORT CYCLE (PPM)	90.3	836.5	27.4
NJ/NY COMPOSITE TEST (PPM)	65.3	456.0	12.4

207(B) TEST RESULTS

MAKE : (FORD CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6787
RETEST : NO
MICH LIC. NO. : LLC060

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 2.0@ 800 RPM
ODOMETER : 5673 MI
WET BULB TEMP : 59.2 F
DRY BULB TEMP : 74.3 F
BAROMETER : 29.13 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	0.88	28.73	0.90
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	690.0	1991.5	365.7
LO SPEED MODE (PPM)	428.6	5963.1	222.0
IDLE MODE (PPM)	492.0	9614.4	136.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	785.0	3229.1	520.2
LO SPEED MODE (PPM)	531.6	7158.3	266.6
IDLE MODE (PPM)	182.8	3331.5	124.6
FEDERAL SHORT CYCLE (GPM)	0.69	19.71	0.63
FEDERAL SHORT CYCLE (PPM)	41.6	591.8	12.8
NJ/NY COMPOSITE TEST (PPM)	34.1	544.6	9.7

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-6773
 RETEST : NO
 MICH LIC. NO. : KHS692

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.94
 INERTIA WT : 4000 LB

IGN TIMING : 10.0@ 500 RPM
 ODOMETER : 9746 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 74.8 F
 BAROMETER : 28.72 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.50	51.39	2.24
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1403.3	2095.2	1320.0
LO SPEED MODE (PPM)	1984.1	6761.1	1572.6
IDLE MODE (PPM)	2830.9	49434.0	365.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1411.3	2198.8	1266.8
LO SPEED MODE (PPM)	2079.8	6761.1	1606.4
IDLE MODE (PPM)	2950.9	47855.3	398.6
FEDERAL SHORT CYCLE (GPM)	2.01	31.08	2.09
FEDERAL SHORT CYCLE (PPM)	123.6	947.6	42.4
NJ/NY COMPOSITE TEST (PPM)	92.3	1029.1	20.3

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-6768
 RETEST : NO
 MICH LIC. NO. : RZJ385

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 8.0@ 625 RPM
 ODOMETER : 10318 MI
 WET BULB TEMP : 60.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 28.70 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.96	35.17	1.75
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1205.0	2818.2	401.0
LO SPEED MODE (PPM)	721.7	9321.9	354.0
IDLE MODE (PPM)	705.8	12223.5	161.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1347.8	4147.8	596.5
LO SPEED MODE (PPM)	895.9	11647.1	462.8
IDLE MODE (PPM)	555.4	9321.9	195.9
FEDERAL SHORT CYCLE (GPM)	2.06	29.97	1.29
FEDERAL SHORT CYCLE (PPM)	127.1	916.0	25.7
NJ/NY COMPOSITE TEST (PPM)	89.7	946.2	15.7

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6755
RETEST : NO
MICH LIC. NO. : KNV974

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 11.0@ 860 RPM
ODOMETER : 10428 MI
WET BULB TEMP : 61.8 F
DRY BULB TEMP : 75.0 F
BAROMETER : 28.53 IN HG

	HC -----	CO -----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.14	43.00	1.57
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1030.6	1887.7	340.0
LO SPEED MODE (PPM)	555.4	7554.2	262.1
IDLE MODE (PPM)	792.9	14227.2	134.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1300.1	10197.8	467.6
LO SPEED MODE (PPM)	816.7	8833.1	296.1
IDLE MODE (PPM)	492.0	5963.1	149.3
FEDERAL SHORT CYCLE (GPM)	1.61	29.44	1.22
FEDERAL SHORT CYCLE (PPM)	99.9	903.1	23.8
NJ/NY COMPOSITE TEST (PPM)	96.8	969.3	16.1

207(8) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-6748
RETEST : NO
MICH LIC. NO. : KGN278

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 0.9@ 570 RPM
ODOMETER : 10220 MI
WET BULB TEMP : 62.5 F
DRY BULB TEMP : 76.7 F
BAROMETER : 28.52 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.98	57.55	2.46
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	531.6	2715.2	532.1
LO SPEED MODE (PPM)	626.7	1887.7	386.8
IDLE MODE (PPM)	1665.6	38218.2	178.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	602.9	5863.0	639.0
LO SPEED MODE (PPM)	697.9	12031.6	275.6
IDLE MODE (PPM)	515.8	16024.6	132.7
FEDERAL SHORT CYCLE (GPM)	1.71	47.36	1.59
FEDERAL SHORT CYCLE (PPM)	104.4	1431.3	30.7
NJ/NY COMPOSITE TEST (PPM)	83.9	1628.2	12.2

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-6737
 RETEST : NO
 MICH LIC. NO. : KBV296

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 0.0@ 750 RPM
 ODOMETER : 7033 MI
 WET BULB TEMP : 61.0 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 28.53 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.01	18.57	1.71
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	816.7	1471.4	420.0
LO SPEED MODE (PPM)	713.8	5059.0	314.5
IDLE MODE (PPM)	618.7	8440.8	163.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	492.0	1262.6	498.7
LO SPEED MODE (PPM)	840.5	9028.8	377.4
IDLE MODE (PPM)	214.5	3023.8	174.5
FEDERAL SHORT CYCLE (GPM)	1.09	14.04	1.24
FEDERAL SHORT CYCLE (PPM)	65.7	419.5	23.9
NJ/NY COMPOSITE TEST (PPM)	46.3	439.3	23.2

207(R) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6723
RETEST : NO
MICH LIC. NO. : GZK051

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 2.1@ 850 RPM
ODOMETER : 8806 MI
WET BULB TEMP : 63.0 F
DRY BULB TEMP : 74.5 F
BAROMETER : 28.81 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.38	34.94	2.15
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	832.5	843.6	627.3
LO SPEED MODE (PPM)	777.1	14037.2	424.7
IDLE MODE (PPM)	800.9	5260.5	204.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	872.1	1367.0	732.1
LO SPEED MODE (PPM)	967.2	16589.5	579.8
IDLE MODE (PPM)	476.2	3433.9	217.6
FEDERAL SHORT CYCLE (GPM)	1.13	24.55	2.13
FEDERAL SHORT CYCLE (PPM)	68.4	737.4	39.9
NJ/NY COMPOSITE TEST (PPM)	50.8	544.5	16.7

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV IMPALA
 TEST NO. : 16-6713
 RETEST : NO
 MICH LIC. NO. : JSZ054

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 7.0@ 600 RPM
 ODOMETER : 11463 MI
 WET BULB TEMP : 63.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 28.90 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.90	20.46	2.34
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	317.7	1367.0	458.0
LO SPEED MODE (PPM)	523.7	2405.7	222.0
IDLE MODE (PPM)	1268.4	4350.9	112.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	365.2	3433.9	520.2
LO SPEED MODE (PPM)	515.8	2095.2	244.2
IDLE MODE (PPM)	373.2	1887.7	96.5
FEDERAL SHORT CYCLE (GPM)	1.46	16.85	1.46
FEDERAL SHORT CYCLE (PPM)	88.9	509.6	27.1
NJ/NY COMPOSITE TEST (PPM)	78.1	266.8	13.1

207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CORONET
TEST NO. : 16-6695
RETEST : NO
MICH LIC. NO. : RPK314

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.94
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ RPM
ODOMETER : 7738 MI
WET BULB TEMP : 62.0 F
DRY BULB TEMP : 74.0 F
BAROMETER : 29.07 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.49	22.90	2.85
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1268.4	1053.3	1050.9
LO SPEED MODE (PPM)	2095.8	1679.8	1953.7
IDLE MODE (PPM)	2024.0	11261.9	389.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1062.3	1158.0	929.1
LO SPEED MODE (PPM)	2175.6	1679.8	1940.3
IDLE MODE (PPM)	1506.6	7653.0	326.0
FEDERAL SHORT CYCLE (GPM)	1.92	8.97	3.40
FEDERAL SHORT CYCLE (PPM)	116.2	268.8	64.8
NJ/NY COMPOSITE TEST (PPM)	91.3	304.4	25.2

 207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 15-6688
 RETEST : YES
 MICH LIC. NO. : PBM582

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.23
 INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 790 RPM
 ODOMETER : 10605 MI
 WET BULB TEMP : 61.0 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 29.10 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.19	17.68	3.09
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1681.5	1991.5	1271.8
LO SPEED MODE (PPM)	2335.3	1575.6	1751.8
IDLE MODE (PPM)	1371.6	5461.7	323.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1665.6	2302.3	1378.9
LO SPEED MODE (PPM)	2471.1	2095.2	1888.9
IDLE MODE (PPM)	888.0	4046.1	363.3
FEDERAL SHORT CYCLE (GPM)	2.22	12.98	3.23
FEDERAL SHORT CYCLE (PPM)	135.0	390.7	63.7
NJ/NY COMPOSITE TEST (PPM)	68.6	258.7	23.2

207(8) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6683
RETEST : NO
MICH LIC. NO. : JVZ340

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 5.0@ 600 RPM
ODOMETER : 12031 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 73.5 F
BAROMETER : 28.94 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.67	56.77	2.77
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1824.8	1158.0	876.4
LO SPEED MODE (PPM)	3166.5	3331.5	1362.6
IDLE MODE (PPM)	5625.2	86835.6	262.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	3038.8	8931.0	1296.8
LO SPEED MODE (PPM)	3517.1	4958.1	1720.9
IDLE MODE (PPM)	5964.3	87187.7	264.3
FEDERAL SHORT CYCLE (GPM)	3.20	28.09	2.65
FEDERAL SHORT CYCLE (PPM)	194.8	847.7	54.7
NJ/NY COMPOSITE TEST (PPM)	157.4	1478.8	28.9

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 16-6678
 RETEST : NO
 MICH LIC. NO. : PRM582

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.23
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 850 RPM
 ODOMETER : 10569 MI
 WET BULB TEMP : 64.5 F
 DRY BULB TEMP : 73.5 F
 BAROMETER : 28.92 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.88	43.18	3.36
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1784.9	2095.2	1354.4
LO SPEED MODE (PPM)	2447.2	3126.5	1806.1
IDLE MODE (PPM)	2559.1	32117.1	363.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1912.4	3536.2	1485.6
LO SPEED MODE (PPM)	2623.0	4046.1	1967.4
IDLE MODE (PPM)	2463.2	31278.9	412.8
FEDERAL SHORT CYCLE (GPM)	2.57	29.75	3.64
FEDERAL SHORT CYCLE (PPM)	156.2	896.3	65.6
NJ/NY COMPOSITE TEST (PPM)	100.7	972.2	19.1

207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-6669
RETEST : YES
MICH LIC. NO. : PPF304

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.71
INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 750 RPM
ODOMETER : 9320 MI
WET BULB TEMP : 52.5 F
DRY BULB TEMP : 73.5 F
BAROMETER : 28.95 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.42	25.16	5.85
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2503.1	3331.5	1859.5
LO SPEED MODE (PPM)	2838.9	3126.5	1967.4
IDLE MODE (PPM)	2239.4	4452.3	412.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2327.3	3126.5	1812.9
LO SPEED MODE (PPM)	2918.9	3536.2	2024.4
IDLE MODE (PPM)	2008.0	5562.1	307.6
FEDERAL SHORT CYCLE (GPM)	3.25	14.79	5.07
FEDERAL SHORT CYCLE (PPM)	198.7	448.1	115.1
NJ/NY COMPOSITE TEST (PPM)	157.5	468.9	65.1

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-6664
 RETEST : NO
 MICH LIC. NO. : PGS074

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 3.0@ 650 RPM
 ODOMETER : 2966 MI
 WET BULB TEMP : 58.5 F
 DRY BULB TEMP : 74.7 F
 BAROMETER : 28.94 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	0.68	25.40	0.84
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	222.5	1053.3	291.5
LO SPEED MODE (PPM)	214.5	2302.3	206.7
IDLE MODE (PPM)	317.7	8145.9	96.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	278.6	2509.0	284.7
LO SPEED MODE (PPM)	270.5	3331.5	174.5
IDLE MODE (PPM)	265.8	6163.1	82.8
FEDERAL SHORT CYCLE (GPM)	1.23	15.96	0.55
FEDERAL SHORT CYCLE (PPM)	74.7	482.4	11.3
NJ/NY COMPOSITE TEST (PPM)	36.7	674.4	8.2

 207(8) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-6645
 RETEST : NO
 MICH LIC. NO. : FVS033

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 9.0@ 500 RPM
 ODOMETER : 8472 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 76.5 F
 BAROMETER : 28.91 IN HG

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	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.82	18.68	2.28
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	476.2	1158.0	389.2
LO SPEED MODE (PPM)	412.8	1367.0	257.6
IDLE MODE (PPM)	1165.3	528.1	161.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	404.9	3229.1	503.4
LO SPEED MODE (PPM)	333.5	633.4	287.0
IDLE MODE (PPM)	555.4	633.4	136.9
FEDERAL SHORT CYCLE (GPM)	1.57	111.27	1.28
FEDERAL SHORT CYCLE (PPM)	96.3	3383.4	26.4
NJ/NY COMPOSITE TEST (PPM)	110.1	2606.9	27.3

 207(B) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLY SATELLITE
 TEST NO. : 15-6639
 RETEST : NO
 MICH LIC. NO. : RPF304

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.23
 INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 750 RPM
 ODOMETER : 9295 MI
 WET BULB TEMP : 58.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.85 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.82	42.85	3.10
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2431.2	4147.8	1741.4
LO SPEED MODE (PPM)	2743.0	4350.9	1803.9
IDLE MODE (PPM)	3006.8	25527.6	377.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2543.1	6163.1	1854.7
LO SPEED MODE (PPM)	3022.8	5159.8	1970.1
IDLE MODE (PPM)	3102.7	22747.3	462.8
FEDERAL SHORT CYCLE (GPM)	2.88	24.99	3.27
FEDERAL SHORT CYCLE (PPM)	176.1	756.9	67.8
NJ/NY COMPOSITE TEST (PPM)	146.7	907.4	28.1

207(B) TEST RESULTS

MAKE : (CHRYSLER) DODGE
MODEL : DODGE CHARGER
TEST NO. : 16-6624
RETEST : YES
MICH LIC. NO. : JLR369

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.23
INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 650 RPM
ODOMETER : 7617 MI
WET BULB TEMP : 59.5 F
DRY BULB TEMP : 76.5 F
BAROMETER : 28.85 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.81	26.43	2.41
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2111.7	2715.2	1329.8
LO SPEED MODE (PPM)	2822.9	7751.7	1615.5
IDLE MODE (PPM)	1657.6	14511.9	316.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1769.0	1991.5	1263.4
LO SPEED MODE (PPM)	2902.9	7356.4	1534.5
IDLE MODE (PPM)	1522.5	20331.2	396.3
FEDERAL SHORT CYCLE (GPM)	2.44	22.38	2.27
FEDERAL SHORT CYCLE (PPM)	149.2	677.4	46.6
NJ/NY COMPOSITE TEST (PPM)	93.5	516.4	15.3

207(B) TEST RESULTS

MAKE : (F0 M0 C0) FORD
MODEL : FORD PINTO
TEST NO. : 16-6619
RETEST : NO
MICH LIC. NO. : JLV619

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 4.0@ 750 RPM
ODOMETER : 6899 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 73.0 F
BAROMETER : 28.69 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.76	32.36	1.11
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1189.1	1367.0	878.5
LO SPEED MODE (PPM)	1474.8	2095.2	356.3
IDLE MODE (PPM)	2199.5	22840.0	168.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1054.3	2095.2	788.7
LO SPEED MODE (PPM)	1649.7	1783.8	560.8
IDLE MODE (PPM)	2367.3	28863.6	128.7
FEDERAL SHORT CYCLE (GPM)	1.03	12.53	0.55
FEDERAL SHORT CYCLE (PPM)	62.9	380.8	11.5
NJ/NY COMPOSITE TEST (PPM)	66.4	559.9	9.5

207(H) TEST RESULTS

MAKE : (F O M O C O) FORD
MODEL : FORD PINTO
TEST NO. : 16-6608
RETEST : NO
MICH LIC. NO. : JNT492

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 10.0@ 800 RPM
ODOMETER : 6841 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 75.0 F
BAROMETER : 27.20 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.22	40.78	2.49
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1411.3	2612.1	639.0
LO SPEED MODE (PPM)	927.6	11261.9	431.8
IDLE MODE (PPM)	547.5	9614.4	110.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1395.4	3944.3	822.0
LO SPEED MODE (PPM)	1062.3	13561.5	493.9
IDLE MODE (PPM)	444.5	7356.4	128.7
FEDERAL SHORT CYCLE (GPM)	2.10	31.69	1.71
FEDERAL SHORT CYCLE (PPM)	128.3	960.6	35.0
NJ/NY COMPOSITE TEST (PPM)	101.4	1140.7	21.9

 207(H) TEST RESULTS

MAKE : (CHRYSLER) DODGE
 MODEL : DODGE CHARGER
 TEST NO. : 16-6601
 RETEST : NO
 MICH LIC. NO. : JLR369

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.71
 INERTIA WT : 4000 LB

IGN TIMING : 5.0@ 675 RPM
 ODOMETER : 7586 MI
 WET BULB TEMP : 58.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 28.72 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.74	115.79	1.35
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	3102.7	25898.0	949.7
LO SPEED MODE (PPM)	4132.8	28029.0	1158.0
IDLE MODE (PPM)	4070.1	71025.4	153.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	3453.5	29049.1	895.5
LO SPEED MODE (PPM)	4779.9	44730.7	513.0
IDLE MODE (PPM)	4757.2	60622.2	86.7
FEDERAL SHORT CYCLE (GPM)	3.88	92.58	1.40
FEDERAL SHORT CYCLE (PPM)	236.7	2799.1	28.8
NJ/NY COMPOSITE TEST (PPM)	158.0	2312.2	9.3

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207(B) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV IMPALA
TEST NO. : 16-6584
RETEST : NO
MICH LIC. NO. : JFL146

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 4.0@ 575 RPM
ODOMETER : 5188 MI
WET BULB TEMP : 59.8 F
DRY BULB TEMP : 76.0 F
BAROMETER : 28.73 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE : 75 FTP RESULTS (GPM)	1.29	31.05	1.96
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	159.0	3433.9	412.8
LO SPEED MODE (PPM)	206.6	1262.6	198.1
IDLE MODE (PPM)	832.5	4249.4	161.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	329.7	5662.5	493.9
LO SPEED MODE (PPM)	307.6	1783.8	233.1
IDLE MODE (PPM)	327.4	3331.5	75.1
FEDERAL SHORT CYCLE (GPM)	0.99	20.99	1.22
FEDERAL SHORT CYCLE (PPM)	61.1	642.6	25.1
NJ/NY COMPOSITE TEST (PPM)	49.7	233.2	14.8

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207(B) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-6598
RETEST : NO
MICH LIC. NO. : HZZ447

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 10.0@ 625 RPM
ODOMETER : 9035 MI
WET BULB TEMP : 58.0 F
DRY BULB TEMP : 74.0 F
BAROMETER : 28.69 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.16	32.91	2.72
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	4288.7	2818.2	627.3
LO SPEED MODE (PPM)	5653.0	5562.1	246.4
IDLE MODE (PPM)	1284.3	2405.7	198.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	674.2	7455.3	766.2
LO SPEED MODE (PPM)	697.9	3638.4	309.9
IDLE MODE (PPM)	412.8	1575.6	130.7
FEDERAL SHORT CYCLE (GPM)	1.66	19.97	1.80
FEDERAL SHORT CYCLE (PPM)	102.7	611.8	37.7
NJ/NY COMPOSITE TEST (PPM)	63.7	236.8	15.6

 207(H) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-6559
 RETEST : NO
 MICH LIC. NO. : KSM845

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 625 RPM
 ODOMETER : 11461 MI
 WET BULB TEMP : 63.5 F
 DRY BULB TEMP : 77.0 F
 BAROMETER : 28.75 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.92	27.27	2.45
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	492.0	3240.3	594.1
LO SPEED MODE (PPM)	444.5	1474.5	233.1
IDLE MODE (PPM)	1022.6	7041.9	126.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	523.7	7655.1	704.4
LO SPEED MODE (PPM)	499.9	2031.9	239.7
IDLE MODE (PPM)	238.3	2253.4	94.6
FEDERAL SHORT CYCLE (GPM)	1.69	9.17	1.64
FEDERAL SHORT CYCLE (PPM)	102.9	277.0	31.0
NJ/NY COMPOSITE TEST (PPM)	66.4	156.7	16.8

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-6554
 RETEST : NO
 MICH LIC. NO. : JJH747

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 1.0@ 650 RPM
 ODOMETER : 7365 MI
 WET BULB TEMP : 62.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.77 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.03	26.65	0.92
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	547.5	1586.4	484.3
LO SPEED MODE (PPM)	555.4	7451.3	241.9
IDLE MODE (PPM)	658.3	18431.7	86.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	666.3	2694.0	601.2
LO SPEED MODE (PPM)	745.4	8766.1	233.1
IDLE MODE (PPM)	365.2	9959.5	84.8
FEDERAL SHORT CYCLE (GPM)	1.77	18.85	0.83
FEDERAL SHORT CYCLE (PPM)	108.5	570.5	15.8
NJ/NY COMPOSITE TEST (PPM)	38.3	609.9	10.7

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-6549
 RETEST : YES
 MICH LIC. NO. : JPJ172

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 0.4@ 675 RPM
 ODOMETER : 9978 MI
 WET BULB TEMP : 62.5 F
 DRY BULB TEMP : 76.0 F
 BAROMETER : 29.30 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.56	93.36	2.85
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2591.1	1137.5	949.7
LO SPEED MODE (PPM)	4234.3	11135.1	1396.9
IDLE MODE (PPM)	2998.8	14849.1	204.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2663.0	1250.0	1186.3
LO SPEED MODE (PPM)	4443.6	10940.4	1454.2
IDLE MODE (PPM)	2311.3	9761.9	138.9
FEDERAL SHORT CYCLE (GPM)	3.72	13.06	2.41
FEDERAL SHORT CYCLE (PPM)	224.4	389.7	46.2
NJ/NY COMPOSITE TEST (PPM)	194.9	421.5	23.6

 207(R) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-6544
 RETEST : NO
 MICH LIC. NO. : KCJ042

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 0.0@ 675 RPM
 ODOMETER : 6763 MI
 WET BULB TEMP : 61.0 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.30 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	0.50	20.82	0.75
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	127.2	1024.7	250.9
LO SPEED MODE (PPM)	238.3	1024.7	108.5
IDLE MODE (PPM)	531.6	9860.8	59.8
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	135.1	1137.5	312.2
LO SPEED MODE (PPM)	198.7	1474.5	116.5
IDLE MODE (PPM)	198.7	4745.1	61.7
FEDERAL SHORT CYCLE (GPM)	0.42	12.35	0.48
FEDERAL SHORT CYCLE (PPM)	25.5	370.9	9.4
NJ/NY COMPOSITE TEST (PPM)	22.3	510.6	9.4

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207(R) TEST RESULTS
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MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-6534
RETEST : NO
MICH LIC. NO. : KWM635

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 600 RPM
ODOMETER : 7198 MI
WET BULB TEMP : 61.5 F
DRY BULB TEMP : 75.0 F
BAROMETER : 29.33 IN HG

	HC ----	CO ----	NOX ----->
COMPOSITE 75 FTP RESULTS (GPM)	4.32	22.52	2.54
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	412.8	1586.4	508.2
LO SPEED MODE (PPM)	579.1	3131.4	226.4
IDLE MODE (PPM)	1792.9	1024.7	159.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	460.3	2584.1	743.5
LO SPEED MODE (PPM)	579.1	3781.8	377.4
IDLE MODE (PPM)	515.8	911.8	106.5
FEDERAL SHORT CYCLE (GPM)	1.16	9.80	1.45
FEDERAL SHORT CYCLE (PPM)	69.6	291.2	28.2
NJ/NY COMPOSITE TEST (PPM)	88.1	313.5	27.1

207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
MODEL : PLY SATELLITE
TEST NO. : 16-6530
RETEST : NO
MICH LIC. NO. : MKH299

DISPLACEMENT : 318.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 0.0
INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 750 RPM
ODOMETER : 8990 MI
WET BULB TEMP : 62.5 F
DRY BULB TEMP : 76.5 F
BAROMETER : 29.36 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	5.14	95.52	5.61
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2583.1	6319.5	1747.6
LO SPEED MODE (PPM)	3046.8	5484.4	2331.0
IDLE MODE (PPM)	4085.8	73451.3	426.3
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2471.1	6215.7	2033.6
LO SPEED MODE (PPM)	3022.8	4957.2	2495.9
IDLE MODE (PPM)	4482.2	65965.1	389.2
FEDERAL SHORT CYCLE (GPM)	3.74	65.73	4.47
FEDERAL SHORT CYCLE (PPM)	224.8	1957.2	84.0
NJ/NY COMPOSITE TEST (PPM)	209.7	2479.8	47.0

207(R) TEST RESULTS

MAKE : (FO-MO-CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6501
RETEST : NO
MICH LIC. NO. : JPJ172

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 0.4@ 675 RPM
ODOMETER : 9971 MI
WET BULB TEMP : 59.0 F
DRY BULB TEMP : 73.5 F
BAROMETER : 29.30 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.43	59.57	1.34
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1681.5	1137.5	646.1
LO SPEED MODE (PPM)	4109.3	22888.5	671.9
IDLE MODE (PPM)	4960.3	89986.6	79.0
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2639.0	3889.6	1000.2
LO SPEED MODE (PPM)	4428.2	24029.1	777.5
IDLE MODE (PPM)	5449.2	94238.6	67.4
FEDERAL SHORT CYCLE (GPM)	3.52	46.19	1.09
FEDERAL SHORT CYCLE (PPM)	211.4	1374.8	21.7
NJ/NY COMPOSITE TEST (PPM)	157.4	1667.3	12.1

 207(R) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEVY CAPRICE
 TEST NO. : 16-6478
 RETEST : NO
 MICH LIC. NO. : J7R003

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 7.0@ 585 RPM
 ODOMETER : 5786 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.22 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.28	29.60	2.45
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	595.0	2363.8	598.8
LO SPEED MODE (PPM)	690.0	5798.8	204.6
IDLE MODE (PPM)	1022.6	1809.5	138.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	610.8	6526.7	759.4
LO SPEED MODE (PPM)	682.1	8263.2	189.4
IDLE MODE (PPM)	499.9	1474.5	92.6
FEDERAL SHORT CYCLE (GPM)	1.62	13.62	1.67
FEDERAL SHORT CYCLE (PPM)	97.1	404.5	32.8
NJ/NY COMPOSITE TEST (PPM)	93.7	376.5	15.2

 207(R) TEST RESULTS

MAKE : (CHRYSLER) PLYMOUTH
 MODEL : PLYMOUTH SATELL
 TEST NO. : 16-6469
 RETEST : NO
 MICH LIC. NO. : MKX572

DISPLACEMENT : 318.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 0.0
 INERTIA WT : 4000 LB

IGN TIMING : 0.0@ 925 RPM
 ODOMETER : 4354 MI
 WET BULB TEMP : 71.5 F
 DRY BULB TEMP : 76.5 F
 BAROMETER : 29.22 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	3.82	58.52	4.26
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	2159.6	1474.5	1681.2
LO SPEED MODE (PPM)	2703.0	1698.0	2090.4
IDLE MODE (PPM)	3373.9	50118.7	217.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2183.6	1698.0	2039.3
LO SPEED MODE (PPM)	2886.9	1474.5	2303.3
IDLE MODE (PPM)	3342.0	39425.0	273.4
FEDERAL SHORT CYCLE (GPM)	3.09	37.80	4.32
FEDERAL SHORT CYCLE (PPM)	184.3	1118.0	64.9
NJ/NY COMPOSITE TEST (PPM)	140.8	1356.1	20.7

 207(R) TEST RESULTS

MAKE : (F0 M0 C0) FORD
 MODEL : PINTO
 TEST NO. : 16-6460
 RETEST : NO
 MICH LIC. NO. : KCL327

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 5.0@ 850 RPM
 ODOMETER : 7518 MI
 WET BULB TEMP : 60.0 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 29.22 IN HG

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	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	2.46	32.65	1.60
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1872.5	1586.4	768.5
LO SPEED MODE (PPM)	3126.6	12102.2	1114.6
IDLE MODE (PPM)	2519.1	18702.9	198.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1992.1	1137.5	1288.5
LO SPEED MODE (PPM)	3294.2	12198.3	1444.3
IDLE MODE (PPM)	1912.4	14005.1	178.7
FEDERAL SHORT CYCLE (GPM)	2.00	17.90	1.62
FEDERAL SHORT CYCLE (PPM)	119.2	529.5	32.1
NJ/NY COMPOSITE TEST (PPM)	108.3	594.5	19.4

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEVY CAPRICE
 TEST NO. : 16-6443
 RETEST : NO
 MICH LIC. NO. : LHK838

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 6.0@ 725 RPM
 ODOMETER : 11021 MI
 WET BULB TEMP : 59.5 F
 DRY BULB TEMP : 73.0 F
 BAROMETER : 28.80 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.57	22.70	2.16
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	349.4	1250.0	505.8
LO SPEED MODE (PPM)	476.2	2474.1	548.8
IDLE MODE (PPM)	1268.4	4318.7	163.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	357.3	2363.8	690.5
LO SPEED MODE (PPM)	452.4	2584.1	248.6
IDLE MODE (PPM)	396.9	1809.5	92.6
FEDERAL SHORT CYCLE (GPM)	1.13	12.49	1.54
FEDERAL SHORT CYCLE (PPM)	69.4	378.8	31.0
NJ/NY COMPOSITE TEST (PPM)	66.2	341.7	15.9

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : FORD PINTO
 TEST NO. : 16-6424
 RETEST : NO
 MICH LIC. NO. : RZF505

DISPLACEMENT : 140.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 5.0@2000 RPM
 ODOMETER : 10738 MI
 WET BULB TEMP : 61.5 F
 DRY BULB TEMP : 75.0 F
 BAROMETER : 28.86 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	0.85	23.38	1.12
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	919.7	1698.0	424.7
LO SPEED MODE (PPM)	666.3	7959.8	340.0
IDLE MODE (PPM)	674.2	2584.1	185.1
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	991.0	2913.1	662.5
LO SPEED MODE (PPM)	864.2	9166.0	427.1
IDLE MODE (PPM)	317.7	1137.5	153.4
FEDERAL SHORT CYCLE (GPM)	0.95	14.90	0.99
FEDERAL SHORT CYCLE (PPM)	57.6	448.1	19.3
NJ/NY COMPOSITE TEST (PPM)	45.6	499.9	12.9

207(R) TEST RESULTS

MAKE : (FORD CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6416
RETEST : NO
MICH LIC. NO. : JZH427

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 1.0@2000 RPM
ODOMETER : 6598 MI
WET BULB TEMP : 60.5 F
DRY BULB TEMP : 74.5 F
BAROMETER : 28.90 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.83	61.26	1.13
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1506.6	5274.0	436.6
LO SPEED MODE (PPM)	1331.9	17614.7	239.7
IDLE MODE (PPM)	4054.5	60055.4	54.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1665.6	4851.2	788.7
LO SPEED MODE (PPM)	1928.3	22976.4	284.7
IDLE MODE (PPM)	3897.2	58109.4	54.2
FEDERAL SHORT CYCLE (GPM)	1.80	43.65	0.51
FEDERAL SHORT CYCLE (PPM)	109.6	1314.2	10.1
NJ/NY COMPOSITE TEST (PPM)	80.9	1652.6	7.5

207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6410
RETEST : NO
MICH LIC. NO. : GWC353

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 2.1@2000 RPM
ODOMETER : 7577 MI
WET BULB TEMP : 60.0 F
DRY BULB TEMP : 73.5 F
BAROMETER : 28.88 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.84	53.12	2.14
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1062.3	1698.0	1094.3
LO SPEED MODE (PPM)	1046.4	17705.7	697.5
IDLE MODE (PPM)	880.1	17158.4	178.7
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1054.3	2803.6	1329.8
LO SPEED MODE (PPM)	1212.9	19333.6	779.7
IDLE MODE (PPM)	555.4	9959.5	253.1
FEDERAL SHORT CYCLE (GPM)	1.64	31.00	2.17
FEDERAL SHORT CYCLE (PPM)	99.8	934.6	43.2
NJ/NY COMPOSITE TEST (PPM)	73.5	1014.5	21.7

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207(B) TEST RESULTS
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MAKE : (FO MO CO) FORD
MODEL : FORD PINTO
TEST NO. : 16-6401
RETEST : NO
MICH LIC. NO. : HKN727

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 12.0@ 650 RPM
ODOMETER : 10927
WET BULB TEMP : 61.0 F
DRY BULB TEMP : 72.5 F
BAROMETER : 29.08 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	4.51	97.90	2.47
LAYTON KEYMODE TEST			
176 HI SPEED MODE (PPM)	2942.9	17614.7	1731.1
LO SPEED MODE (PPM)	4673.7	48295.9	556.0
IDLE MODE (PPM)	7231.3	91472.4	54.2
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	2783.0	15035.7	2275.6
LO SPEED MODE (PPM)	5012.4	51037.5	564.7
IDLE MODE (PPM)	7231.3	85982.3	73.2
FEDERAL SHORT CYCLE (GPM)	3.47	71.36	1.83
FEDERAL SHORT CYCLE (PPM)	207.3	2111.7	34.9
NJ/NY COMPOSITE TEST (PPM)	177.2	2132.6	24.2

207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
MODEL : CHEV CAPRICE
TEST NO. : 16-6392
RETEST : NO
MICH LIC. NO. : LCG362

DISPLACEMENT : 400.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 2.73
INERTIA WT : 5500 LB

IGN TIMING : 6.0@ 550 RPM
ODOMETER : 11515 MI
WET BULB TEMP : 61.0 F
DRY BULB TEMP : 72.0 F
BAROMETER : 29.08 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.43	43.82	2.32
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	246.3	1024.7	591.7
LO SPEED MODE (PPM)	381.1	4104.5	187.3
IDLE MODE (PPM)	492.0	19423.4	67.4
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	262.1	4318.7	709.1
LO SPEED MODE (PPM)	412.8	5694.2	219.8
IDLE MODE (PPM)	333.5	12868.1	65.5
FEDERAL SHORT CYCLE (GPM)	1.17	29.93	1.42
FEDERAL SHORT CYCLE (PPM)	71.2	900.3	27.3
NJ/NY COMPOSITE TEST (PPM)	54.5	991.2	12.4

 207(B) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CHEV CAPRICE
 TEST NO. : 16-6375
 RFTTEST : NO
 MICH LIC. NO. : JGR197

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 2.73
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 610 RPM
 ODOMETER : 10444 MI
 WET BULB TEMP : 61.5 F
 DRY BULB TEMP : 74.0 F
 BAROMETER : 29.12 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.77	21.69	2.11
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	357.3	2474.1	603.6
LO SPEED MODE (PPM)	436.6	1586.4	195.9
IDLE MODE (PPM)	1268.4	4957.2	180.9
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	436.6	5484.4	754.9
LO SPEED MODE (PPM)	515.8	1586.4	250.9
IDLE MODE (PPM)	341.4	2253.4	92.6
FEDERAL SHORT CYCLE (GPM)	1.27	8.78	1.41
FEDERAL SHORT CYCLE (PPM)	77.4	264.5	27.3
NJ/NY COMPOSITE TEST (PPM)	75.5	271.5	15.7

 207(R) TEST RESULTS

MAKE : (GM) CHEVROLET
 MODEL : CAPRICE
 TEST NO. : 15-6371
 RETEST : NO
 MICH. LIC. NO. : JFP544

DISPLACEMENT : 400.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 0.0
 INERTIA WT : 5500 LB

IGN TIMING : 8.0@ 550 RPM
 ODOMETER : 7807 MI
 WET BULB TEMP : 62.0 F
 DRY BULB TEMP : 72.4 F
 BAROMETER : 29.17 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.93	43.74	2.22
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	373.2	2584.1	112.5
LO SPEED MODE (PPM)	389.0	5168.6	163.9
IDLE MODE (PPM)	1466.9	21652.8	112.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	792.9	11037.8	685.9
LO SPEED MODE (PPM)	555.4	12486.0	153.4
IDLE MODE (PPM)	325.6	11523.3	54.2
FEDERAL SHORT CYCLE (GPM)	1.55	47.70	0.82
FEDERAL SHORT CYCLE (PPM)	93.3	1423.8	15.4
NJ/NY COMPOSITE TEST (PPM)	64.1	645.6	7.9

 207(B) TEST RESULTS

MAKE : (FO MO CO) FORD
 MODEL : PINTO
 TEST NO. : 15-6345
 RETEST : NO
 MICH LIC. NO. : PN7348

DISPLACEMENT : 141.0 CU IN
 TRANSMISSION : AUTO
 AXLE RATIO : 3.40
 INERTIA WT : 2750 LB

IGN TIMING : 2.0@ 670 RPM
 ODOMETER : 10551 MI
 WET BULB TEMP : 61.5 F
 DRY BULB TEMP : 73.5 F
 BAROMETER : 29.22 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.78	63.62	0.74
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	1157.4	7349.2	293.8
LO SPEED MODE (PPM)	460.3	6111.7	122.6
IDLE MODE (PPM)	539.5	10058.2	65.5
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	1824.8	15314.9	365.7
LO SPEED MODE (PPM)	634.6	7246.9	132.7
IDLE MODE (PPM)	317.7	7451.3	41.2
FEDERAL SHORT CYCLE (GPM)	1.78	41.45	0.49
FEDERAL SHORT CYCLE (PPM)	106.7	1231.2	9.3
NJ/NY COMPOSITE TEST (PPM)	72.4	1300.2	7.3

207(8) TEST RESULTS

MAKE : (FORD CO) FORD
MODEL : PINTO
TEST NO. : 15-6336
RETEST : NO
MICH LIC. NO. : FWP888

DISPLACEMENT : 140.0 CU IN
TRANSMISSION : AUTO
AXLE RATIO : 3.40
INERTIA WT : 2750 LB

IGN TIMING : 3.0@ 600 RPM
ODOMETER : 6051
WET BULB TEMP : 61.7 F
DRY BULB TEMP : 74.8 F
BAROMETER : 29.15 IN HG

	HC ----	CO ----	NOX -----
COMPOSITE 75 FTP RESULTS (GPM)	1.25	36.04	1.05
CLAYTON KEYMODE TEST			
HI SPEED MODE (PPM)	903.8	2031.9	181.8
LO SPEED MODE (PPM)	587.1	10451.5	213.0
IDLE MODE (PPM)	713.8	15314.9	140.6
FEDERAL 3-MODE			
HI SPEED MODE (PPM)	959.3	2803.6	1039.3
LO SPEED MODE (PPM)	571.2	10451.5	217.6
IDLE MODE (PPM)	476.2	9365.1	21.2
FEDERAL SHORT CYCLE (GPM)	1.67	19.94	0.89
FEDERAL SHORT CYCLE (PPM)	103.3	611.2	17.6
NJ/NY COMPOSITE TEST (PPM)	77.2	941.9	27.5