California Environmental Protection Agency AIR RESOURCES BOARD	PARAMOUNT CUSTOM CYCLES, L.L.C.	EXECUTIVE ORDER M-082-0001 New On-Road Motorcycles

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles. Production vehicles shall be in all material respects the same as those for which certification is granted. **The manufacturer shall ensure that character "C" or "3" is not used in the eighth (8th) position of the vehicle identification number (VIN) of all vehicles in the engine family listed below. Violation of this VIN provision may result in incorrect registration of the vehicles.**

MODEL YEAR	ENGINE FAMILY	EVAPORATIVE FAMILY	ENGINE DISPLACEMENT (cc)	CLASS
2005	5PCCC01.9BPS	5PCCE0066BMC	1639, 1754, 1852	III

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	VEHICLE MODELS (equivalent inertia mass in kilograms, kg)	* = not applicable
EM	The Coupe (530 kg)	

ABBREVIATIONS: EM=engine modification TWC=three-way catalyst OC=oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2 (prefix)=parallel (2) (suffix)=in series

The following are the exhaust hydrocarbon (HC) and carbon monoxide (CO) standards, or designated HC standard as applicable, and certification levels in grams per kilometer (g/km), and evaporative standard and certification level in grams per test (g/test) for this engine/evaporative family. The designated HC standard, as applicable, shall be listed on the permanent tune-up label.

HC (g/km)				CO (g/km)		EVAPORATIVE (g/test)	
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL
*	*	1.4	1.1	12	9	2.0	1.7

BE IT FURTHER RESOLVED: That certification to the designated HC standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated HC standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC exhaust standard applicable to this engine family for determining compliance with Title 13, California Code of Regulations, Sections 1958(b) and 2101.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all materials required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Sections 2035 et seq.).

BE IT FURTHER RESOLVED: That because the listed motorcycles are certified to 0.2 grams per test or more below the applicable evaporative standard, the vehicles are exempt from complying with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Vehicles in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 3RD day of March 2005.

Allen Lyons, Chief
Mobile Source Operations Division

M-082-0001

Motorcycle Engine Family Information Form

1. Manufacturer: **Paramount Custom Cycles, L.L.C.**

2. Certification Contact Person, address, phone, and fax:

Robin T. Harrison
Harrison / Wolf
1275 N. Indian Hill Blvd.
Claremont, CA 91711
Tel. (909) 626-1395
Fax (909) 626-2906

3. Model Year: **2005**

4. Process Code: new_
(new, correction, revision, r/c, f/f. etc.)

5. Engine Family: **5PCCC01.9BPS**
50s Engine Code:
49s Engine Code: **565308**
Calif. Engine Code: **565308**

6. Emission Control System: **EM**

7. Calif. Designated Standard:

8. Projected Annual Sales:
CONFIDENTIAL

9. New Technology ___ Yes **X** No
If yes, cite the correspondence or reference the submittal document: _____

10. Displacement: **1852 cc, 1754 cc, 1639 cc**

11. Number of Cylinders: **2**

12. Cylinder Arrangement: **45° V-twin**

13. Cylinder Head Configuration: **OHV**

14. Type of Cooling: **air**

15. Combustion Cycle: 4 Stroke

16. Method of Aspiration: **normal**

17. Fuel System: **carbureted**

18. Number of Catalytic Converters: **N/A**

19. Adjustable Parameters:

Parameter(s)	Adjustable Range (or NA)	Tamper Resistance Method (or NA)	Method Approved

20. AECDs In the Emission Control Systems:

Exhaust System	Evaporative System
AECDs In System:	AECDs In System:

Processed by: [illegible] Date: 2-25-05
Reviewed by: K Bryce Date: 2-25-05

M-082-0001

Engine Family: 5PCCC01.9BPS

Motorcycle Test Information Form

27. Are you carrying over test results from a previously certified family? **X** Yes No
    a) If yes, indicate family name: **4SSXC0113161**
    b) Is the family being certified identical to the family from which the data is being carried over? **YES**

28. Model Designation of Test Vehicle: **918 BD**

29. Test Information Number:

30. Vehicle ID: **565308**

31. Service Accumulation Duration: **15,000 (km)**

32. Maximum Rated Power: **76.1 kW @ 5,800 RPM**

33. Displacement: **1852 cc**

34. Certification Fuel: **Indolene**

35. Test Data Set: **001**

36. Road Load: **177.3**

37. Inertia Mass: **530**

38. N/V: **26.3**

39. EVAP. Bench Test Method Approved:
    Date: _____

    Reference: _____

40. Unscheduled Maintenance: ____ Yes ____ No

41. If yes, Vehicle Log provided: _____

42. Exhaust Emission Deterioration Factors:

		Emission Values		
Test Number	System Kilometers	HC	CO	NO_X
1	**3583**	**0.631**	**10.819**	
2	**15085**	**0.866**	**9.358**	
3	**16425**	**0.621**	**6.541**	
4	**19945**	**0.587**	**11.688**	
5				
6	Confirmatory test			
7	**3499**	**1.094**	**9.081**	
Interpolated Values at ~~15,000~~ 2500 km:		**HC = 0.676**	**CO = 9.536**	
Extrapolated Values at 30,000 km:		**HC = 0.678**	**CO = 8.743**	

Check one:	
Regular DF	**X**
Modified DF	
If different vehicle specify vehicle ID	

43. Emission Test Results:

Official Test Results		Test 1	Test 2	Test 3	Test 4		Deterioration Factors
g/km	CO	**9.081**				**(X)**	**1.000**
g/km	CO^2	**148**					----------
g/km	HC	**1.094**				**(X)**	**1.0004**
g/test	Evap.	**1.196**				**(+)**	**0.5**

44. Certification Levels:

g/km	CO	9.081			
g/km	HC	1.094			
g/test	Evap.	1.696			

Engine Family: 5PCCC01.9BPS

Evaporative Emission Information

45. Evaporative Family: **5PCCE0066BMC**
46. Number of Evap. Canisters:
47. Design Working Capacity:
48. Configuration:
49. Number of Storage Areas:
50. Fuel Reservoir Volume:
51. Vent System Configuration:
52. Nominal Tank Capacity: **3.4 GAL**
53. Engine Displacement Class: **III**
54. Storage Medium Composition: **CHARCOAL**
55. Evap. Canister Medium Volume:
56. Evap. Family Sales:
57. Engine Code: **565308**
58. Evap. Emission Family Code:
59. Evap. Emission Family Group:
60. **Overall Evap D.F. = 0.5**

Bench DF

61. Test Vehicle ID: _____
62. Test Results:

Test Number	System Kilometers	Evap. Emission Values (g/test)
1		
2		
3		
4		
5		
6		
7		
Interpolated Values at _____ km: = _____		
Extrapolated Values at _____ km: = _____		
Bench Test D.F. = 0.5		

Check One:	
Regular DF:	X
Modified DF:	
If different vehicle specify the vehicle ID	

Vehicle DF

63. Test Vehicle ID: _____
64. Test Results.

Test Number	System Kilometers	Evap. Emission Values (g/test)
1	**3499**	**1.196**
2		
3		
4		
5		
6		
7		
Interpolated Values at _____ km: = _____		
Extrapolated Values at _____ km: = _____		
Vehicle Test D.F. = 0.5		