0	California Environmental Protection Agency
0	AIR RESOURCES BOARD

SURGICAL-STEEDS CLASSIC AMERICAN MOTORCYCLES, INC.

EXECUTIVE ORDER M-49-1 New On-Road Motorcycles

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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-45-9;

IT IS ORDERED AND RESOLVED: That the following 2000 model-year engine and emission control systems (ECS) produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles:

Engine Family	Evaporative Family	Displacement (cm ³)	<u>Class</u>	ECS & Special Features
YSSCC01.6SSC	YSSCE0066SSC	1606	III	EM
Vehicle Models (I	Equivalent Inertia Mas	ss): Steed Clydesda Steed Quarterh Pegasus, Steed	ale, Stee orse GT d Arabiar	d Clydesdale N, Steed Quarterhorse, , Steed Thoroughbred-C, Steed n (350 kg for each model)

Production motorcycles shall be in all material respects the same as those for which certification is granted.

The exhaust emission standards and certification values in grams per kilometer for hydrocarbons (HC) and carbon monoxide (CO), and the HC evaporative (Evap) standard and certification value in grams per test for this engine/evaporative family are as follows:

	HC	CO	Evap HC
Standard: (Effective Standard)	1.4	12	2.0 (1.8)
Certification:	0.6	4	1.7

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

Executed at El Monte, California this 18th day of December 2000.

R. B. Summerfield, Chief Mobile Source Operations Division

Motorcycle Engine Family Information Form

- 1. Manufacturer: Surgical-Steeds Classic American Motorcycles, Inc.
- 2. Certification Contact Person, address, phone, and fax:

Kathleen Wolf tel. (909) 626-1395 Harrison / Wolf fax (909) 626-2906 1275 N. Indian Hill Blvd. Claremont, CA 91711 3. Model Year: 2000 10. Displacement: 1606 cc 4. Process Code: New Number of Cylinders: 2 11. (new, correction, revision, r/c, f/f. etc.) Cylinder Arrangement: 45°V 12. 5. Engine Family: YSSCC01.6SSC 50s Engine Code: Cylinder Head Configuration: OHV 13. 49s Engine Code: Calif. Engine Code: 14. Type of Cooling: Air 6. Emission Control System: E.M. Combustion Cycle: Otto 15. 7. Calif. Designated Standard: n/9 Method of Aspiration: Normal 16. 8. Projected Annual Sales: Fuel System: _____ 17.

 New Technology Yes X No If yes, cite the correspondence or reference the submittal document:

19. Adjustable Parameters:

Parameter(s)	Adjustable Range	Tamper Resistance Method	Method Approved	
		(or rary		1
- Andrew -				

20. AECDs In the Emission Control Systems:

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

18. Number of Catalytic Converters: 18.

 2000 / Surgical 27. Are you carryin a) If yes, india b) Is the famil 28. Model Designat 29: Test Information 30. Vehicle ID: 159 31. Service Accumut 	Steeds <u>Motorcyc</u> ag over test results from a cate family name: y being certified identical tion of Test Vehicle: Cly a Number: 9110166Y0571029 ulation Duration: 9830 (s	te Test previously ce to the family desciale	Engi Information F mified family? Yes X from which the data is bein 36. Road Load: 145.6 37. Inertia Mass: 350 38. N/V: 24.46 39. EVAP. Bench Test M Date:	Section: 7: P Issued: Revised: E·O·#·M- ine Family: YSSC OTM No g carried over?	¹ age: 4 49-1 C01.6SSC	
 Maximum Rate Displacement: 1 Certification Fu Test Data Set: 0 Exhaust Emission 	606 cc cl: Indoiene 01		Reference: 40. Unscheduled Mainter 41. If yes, Vehicle Log pr	nance: Yes X No rovided:		
TZ, C.Matist Linissit	In Local Orabon Factors.	1	Emission Values	7		
Test Number	System Kilometers	EC	CO			
1	3556	0.9770	8.2219			
2	5004	1.0550	8.2940	Check one:	-	
3	6563	0.7710	11.5030	Regular DF	X	
4	3061	1.0510	9.0050	Modified DF		
5	3093	0.5490	6.8380	If different vehi	hicle	
6	9830	0.5950	3.5530	specify vehicle	D	
7	* 9859	0.921	1.065			
Interpolated 1	aines at 10000 km:	EC = 0.705	07 CO = 4.2514			
Extrapolated	Vaines at 30000 km:	HC = - 0.1	853 CO = -15.4282			

- * Confirmatory Test Result
- 43. Emission Test Results:

Official Test Results		Test 1	Test 2	Test 3	Test 4
g/km	co	3.5530			
g/km	CO ²	134.955			
g/km	HC	0.5950			
eftest	Evan.	1.22			

Deterioration Factors 1.000 1.000 0.5

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44. Certification Levels:

g/km	CO (3.5530)	
gikm	HC (0.5950)	
gitest	Evap. (1.72)	

Application Processed by : Joseph Jegede Date: 12/15/2000

Reviewed by: plade Date: 12/18/00