California Environmental Protection Agency AIR RESOURCES BOARD	SUZUKI MOTOR CORPORATION	EXECUTIVE ORDER U-M-005-0088 New Emission-Compliant All-Terrain Vehicles Certified Using The Optional Engine Test Procedure

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 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 exhaust emission control system produced by the manufacturer are certified as described below for all-terrain vehicles. Production vehicles, and engines that power such 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 <u>not</u> 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	ENGINE DISPLACEMENT (cc)	VEHICLE TYPE	FUEL TYPE	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS
2007	7SKXX.493XR3	493	ATV	Gasoline	EM

ATV=all-terrain vehicle OFMC=off-road motorcycle 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

VEHICLE MODELS / ENGINE CODES (rated engine power in horsepower, hp)	LT-A500F / M409 (32.4 hp) LT-F500F / M411 (33.6 hp)

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx standard as applicable, and certification levels in grams per brake horsepower-hour (g/bhp-hr) for this engine family. The designated HC+NOx standard, as applicable, shall be displayed on the permanent emission control label. Vehicles within this engine family, and engines that power such vehicles, shall not discharge any crankcase emissions into the ambient atmosphere in conformance with Title 13, California Code of Regulations, (13 CCR) Section 2412(i).

HC+NOx (g/bhp-hr)				CO (g/bhp-hr)		* = not applicable
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	
*	*	10.0	5.7	300	208	

BE IT FURTHER RESOLVED: That pursuant to 13 CCR Section 2412(e), the listed vehicles, and engines that power such vehicles, were tested in accordance with the incorporated small off-road engine test procedures, and have demonstrated compliance with the applicable emission standards.

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

The designated standard shall be the exhaust limit for this engine family for the model year and cannot be changed by the manufacturer. It serves as the exhaust standard applicable to this engine family for determining engine family compliance, and compliance with the corporate average HC+NOx standard in accordance with 13 CCR Sections 2412(b), (d) and (e) and 2414.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall be subject to 13 CCR Section 2414 (enforcement and recall provisions).

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall comply with 13 CCR Sections 1965 and 2413 (emission control labels).

Vehicles, and engines that power such 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, and engines that power such 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 10TH day of May 2006.

Allen Lyons, Chief
Mobile Source Operations Division

E.O. No. U-M-5-88

2007 MODEL-YEAR CERTIFICATION REVIEW SHEET

ALL TERRAIN VEHICLES

Manufacturer: **SUZUKI MOTOR CORPORATION**

Engine Family: **7SKXX.493XR3**

Engine Information:

493	Displacement (cc)
single	Engine Config.
2	Valves/Cylinder
4	Strokes/Cycle
Air	Cooling Medium
1	Bbls. per CARB
n/a	Fuel Injection

All Engine Codes in Engine Family : CA____ 49S____ 50S X

LT-A500F Rated **Kw** 24.2 or **HP** 32.4 @ 6,000RPM
LT-F500F Rated **Kw** 25.1 or **HP** 33.6 @ 6,500RPM
Exhaust ECS & special features: E.M.
(per SAE J1930 SEP91)

1. Test Vehicle Information (Indicate Model Yr. / ID) -- **Carry-Over/Carry-Across** 2002 / ..22100325
2. Corporate Average Plan (Indicate Plan Date) NOT APPLICABLE (DIRECT STANDARD)
3. U.S. EPA Certificate (Indicate Certificate No.) SUZ-ATV-07-02

EPA Cert # 7SKXX.493XR3

Projected Emissions include DFs

VEHICLE I.D.	Code	Displ	Trans	EIM	RL Force	MPG	HC gm/bhp-hr	NOx gm/bhp-hr	HC+NOx gm/bhp-hr	CO gm/bhp-hr	test no.
JSAAM43AX22100325	M409	493	A-1	380Kg	151.7		3.12	2.56	5.7	208	2B4

The above vehicle engine emission data complies with the Optional ULGE class II standards for ATVs of: 10.0 300 gm/bhp-hr
and include deterioration factors of : 1.000 1.000

Remarks:
LT-A500F VIN WMI code & Model Identifier: **5SAAM43A**
LT-F500F VIN WMI code & Model Identifier: **5SAAM44A**

Issued: 28APR2005 jL
Revised:

Application Processed by [signature] Date 5-1-06 Reviewed by_____ Date_____

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E.O. No. U-M-5-88

2007 MODEL-YEAR AIR RESOURSES BOARD SUPPLEMENTAL DATA SHEET
ALL TERRAIN VEHICLES

Manufacturer: **SUZUKI MOTOR CORPORATION** Engine Family: **7SKXX.493XR3**

Vehicle Model	Engine Code	Transmission	EIM (kg)	Force RL (nt)
LT-A500F	M409	A-1	380	151.7
LT-F500F	M411	M-5	380	151.7

Date Issued: 28apr2005 jL

Revisions: