State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER U-M-4-1
Relating to Certification of New
Off-Highway Recreational Vehicles and Engines

YAMAHA MOTOR CO., LTD.

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 1998 model-year Yamaha Motor Co., Ltd. emission control systems are certified as described below for off-highway recreational vehicles and engines used in such vehicles:

Vehicle Type: All-terrain vehicle

Fuel Type: Gasoline

| Engine Family | Displacement Cubic Centimeters | Class | Exhaust Emission Control Systems and Special Features |
|---|---|---|---|
| WYMXX.349GCA | 349 | II | Engine Modification |

Production vehicles, and engines that power such vehicles, shall be in all material respects the same as those for which certification is granted. Vehicle models and/or engines that power such vehicles are listed in the attachment.

The exhaust-emission standards and certification values for this engine family are listed below in grams per brake horsepower-hour.

| Hydrocarbon plus Oxides of Nitrogen | | Carbon Monoxide | |
|---|---|---|---|
| (Standard) | (Certification) | (Standard) | (Certification) |
| 10.0 | 8.8 | 300 | 234 |

BE IT FURTHER RESOLVED: That, pursuant to Section 2412(e), Title 13 of the California Code of Regulations, the certified engines were tested in accordance with the incorporated utility engine test procedures, and have demonstrated compliance with such applicable emission standards.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall be subject to the procedures for in-use vehicle voluntary and influenced recalls, in-use vehicle ordered recalls, and in-use vehicle enforcement testing pursuant to the provisions of Section 2414(a), Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall not discharge any crankcase emissions into the ambient atmosphere pursuant to Section 2412(h), Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall comply with the emission-control label provisions of Section 1965, Title 13 of the California Code of Regulations, pursuant to the requirements of Section 2413(a), Title 13 of the California Code of Regulations ("Emission Control Labels -- New Off-Highway Recreational Vehicles").

Vehicles, and engines that power such vehicles, certified under this Executive Order must conform to all applicable California emission regulations.

Executed at El Monte, California this 4th day of March 1997.

John Kowalski for

R. B. Summerfield, Chief
Mobile Source Operations Division

# 1998 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
## OFF-ROAD MOTORCYCLES/ALL-TERRAIN VEHICLES

Manufacturer: Yamaha Motor Co., Ltd. Engine Family: WYMXX.349GCA

| Vehicle Model | Engine Code | Transmission | EIM (kg) | Force RL(nt) |
|---|---|---|---|---|
| YFM350X | H301 | M6 | - | - |

Date Issued: 2/1/1997

Revisions: