File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-322-1
Relating to Certification of New Motor Vehicles

SUN INTERNATIONAL RACING

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 1994 model-year Sun International Racing exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: RSN2.0VJGAEK Displacement: 2.0 Liters (122 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Warm-Up Three Way Catalytic Converter
Dual Three Way Catalytic Converters
Heated Oxygen Sensor
Sequential Multiport Fuel Injection
Turbocharger
Charge Air Cooler

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.39	7.0	0.4

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.24	2.4	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile hydrocarbon and carbon monoxide emission standards pursuant to Title 13, California Code of Regulations, Section 1960.1 (e)(1)(B) (passenger cars produced by a small-volume manufacturer).

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(3.0) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 15th day of June 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-322-1

199 4 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Sun International Racing Exh Eng Fam: RSN2.0VJGAEK Evap Fam: RSN1045AYP01

All Eng Codes in Eng Fam: **CA**___ **49S**___ **50S** X **AB965**___

Exh Std: CA Tier-0 X CA Tier-1___ TLEV___ LEV___ ULEV___; US EPA Tier-0 X

Evap Std: 50K X Useful Life with R/L___ In-Use Exh Std: Full In Use___ Alt In Use___

Veh Class(es): PC X LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4___ MDV5___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline X Diesel___
CNG___ LNG___ LPG___ M85___ Other (specify)___

Emiss Test Fuel(s): Indo X Ph2___ CNG___ LPG___ M85___ Other (specify)___
Diesel: 13 CCR 2282___ 40 CFR 86.113-90___ 40 CFR 86.113-94___

Service Accum: Std AMA___ Mod AMA___ Mfr ADP___ Other (specify) N/A (Assigned DFs)

NMOG Test Procedure: N/A X Std___ Equiv___ R/L Test Proc: SHED___ Pt Source___

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine):___

Engine Configuration: I-4 Displacement: 2.0 / ___ Liters 122 / ___ Cubic Inches

Valves per Cylinder: 4 Rated HP: 227 @ 6250 RPM

Engine: Front X Mid___ Rear___ Drive: FWD___ RWD___ 4WD-FT X 4WD-PT___

Exhaust ECS (e.g., MFI, EGR, TC, CAC): WUTWC, 2TWC, HO2S, SFI, TC, CAC
(use abbreviations per **SAE J1930 SEP91**)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. (M5, A4 etc.)	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
N5A	Cosworth RS				SN COS E0101		SN COS C0101
	Sport	M5	3000	11.0			SN COS C0102
	Standard	M5	3250	11.0			
	Luxury	M5	3250	11.0			

Date Issued:

Revisions: