

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-75-7  
Relating to Certification of New Motor Vehicles

CHINOOK INTERNATIONAL, INC.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Chinook International, Inc. exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
9 WBT	140	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1980 model-year vehicles:

<u>Engine Family</u>	<u>Inertia Weight Class</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
9 WBT	4000	0.36	3.1	1.3

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.


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

The Department of Motor Vehicles and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 11 day of April, 1979.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family 9 WBT Engine (CID) 140

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
EI-Electronic Ignition  
ESAC  
VA-Vacuum Advance  
VR-Vacuum Retard

Fuel System

EFI, MFI  
nV-nVenturi Carburetor  
VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
CCAV-Comb. Chamber Air Valve  
EFI-Electronic Fuel Injection  
EGR-Exhaust Gas Recirculation  
EM-Engine Modification

ESAC-Electronic Spark Advance  
Control

MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst  
PAI-Pulse Air Injection  
TC-Turbo Charged  
TR-Thermal Reactor  
TWC-Three Way Catalyst  
(Feedback Control)  
WOC-Warm-up Oxidation  
Catalyst

Engine Code

AW-M  
AW-MC

Model

Chinook Eagle  
Chinook Commercial Van  
Chinook Gazelle

Passenger Cars     Light-Duty Trucks     Medium-Duty Vehicles

Manufacturer Chinook International

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Engine Family 9WBT

Engine (CID) 140

Engine Code AW-M

Code AW-MC

Emission Control System AI, EGR, OC + 10% (A/C)

Yes      No X

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. CA, VA Part Number	Fuel System 2 V Part Number	EGR Valve Part Number	Tune-up Specification
	<b>Cab &amp; Chassis</b>	<b>M-4</b>	<b>4000</b>	<b>Mitsubishi T3T60774</b>	<b>Hitachi DCS328-2</b>	<b>8788</b>	(1) $6^{\circ} \pm 1^{\circ}$ BTDC @ 700 - 900 RPM in neutral. Distributor vacuum line disconnected and plugged.  (2) $4.0 \pm 1.0$ % without air injection.  (3) $800 \pm 50$ RPM in neutral.  All accessories OFF.

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue - 032779