

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-75-2  
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 for 1978 model-year light-duty trucks are certified for the vehicles described below:

Engine Family: Toyota 20R (TC)  
Engine: 133.6 CID  
Transmission: 4-Speed Manual  
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
Toyota 20R (TC)	0.2	9	1.7

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-14 series.

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

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

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

Executed at El Monte, California, this 14 day of November, 1977.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chinook Mobile Edge, Inc Executive Order No. A-75-2 Page 1

Engine Family 20R (TC) Toyota Engine (CID) 133.6

ABBREVIATIONS

Distributor

- C-Centrifugal Advance
- V-Vacuum Advance
- VR-Vacuum Retard
- HEI-High Energy Ignition
- EI-Electronic Ignition
- Fuel System
- EFI, FI
- nV-nVenturi Carburetor
- VV-Variable Venturi

Exhaust Emissions Control System

- AI-Air Injection
- CAI-Catalyst Air Injection
- CAB-Chamber Air Bleed
- DD-Dual Displacement
- EFI-Electronic Fuel Injection
- EGR-Exhaust Gas Recirculation
- EM-Engine Modification
- EFE-Early Fuel Evaporation
- ESAC-Electronic Spark Advance Control
- FI-Fuel Injection

- OC-Oxidation Catalyst
- PAI-Pulse Air Injection
- RC-Reduction Catalyst
- TC-Turbo Charged
- TR-Thermal Reactor
- TWC-Three Way Catalyst (Feedback Control)
- EGR Syst. Service
- I-Inspect, repair/replace as needed
- R-Replace

Engine Code

CM-CT

Model

Chinook Omega  
and Newport  
MPG  
Gazelle  
Eagle  
Commercial Van

Transmission

4M

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars     Light-Duty Trucks     Medium Duty Vehicles

Manufacturer Chinook Mobilodge    Executive Order No. A-75-2    Page 2

Engine Family 2OR (TC)    Engine (CID) 133.6    Engine Code

Emission Control System AI, EGR, OC    +10%(A/C)    Yes     No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C,V Mfgr. Part Number	Fuel System Type 2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
CM-CT	Chinook Omega and Newport MPG Gazelle Eagle Commercial Van	4M	3500 4000 #	19100-38060	21100-38161	25620-38121	1) 8° BTDC @ Idle 2) Lean drop idle 3) 800 RPM  <u>Lean drop method</u>  Set to the following value at best idle 870M, 920A, RPM turn idle mixture adjusting screw until 800M, 850A

Comments: YES models have special road load HP settings. 24 H.P.  
See page 1 for abbreviations and model codes.

Date of Issue 10-31-77 Revisions:  
3-1-78 Inertia Weight 4000  
5-3-78 Additional Models Added  
8-27-79 Additional Models