



Republic of the Philippines
NATIONAL POLICE COMMISSION
NATIONAL HEADQUARTERS, PHILIPPINE NATIONAL POLICE
OFFICE OF THE CHIEF, PNP
Camp BGen Rafael T Crame, Quezon City

09 JAN 2021

MEMORANDUM CIRCULAR
NO.: 2021 -003

**PRESCRIBING THE MINIMUM TECHNICAL SPECIFICATIONS
FOR PATROL JEEP SINGLE CAB**

1. REFERENCES:

- a. NAPOLCOM Memorandum Circular (MC) No. 2019-002: "Defining the Duty and Authority of the NAPOLCOM to Prescribe Minimum Standards for Uniforms, Arms, and Equipment to be Procured by the Philippine National Police" dated January 29, 2019;
- b. NAPOLCOM Resolution No. 2020-0414: "Prescribing the Minimum Standards for PNP Patrol Vehicle" dated June 17, 2020;
- c. PNP UESB Resolution No. 2020-034: "Approving the Proposed Technical Specifications for Patrol Jeep Single Cab" dated November 24, 2020; and
- d. NAPOLCOM Resolution No. 2014-442-A: "Approving the Minimum Specifications for Patrol Jeep Single Cab" dated December 5, 2014.

2. RATIONALE:

This MC sets forth the technical specifications for Patrol Jeep Single Cab to be used by PNP personnel during police operations.

3. SITUATION:

With the approval of NAPOLCOM Resolution No. 2020-0414, the standard specifications of Patrol Jeep, Patrol Car, Pick-up and Light Transport Vehicle in effect are hereby rescinded. Hence, formulations of new specifications are needed in order to procure/purchase the said vehicles. The procurement of Patrol Jeeps (Single Cab) is included in the Capability Enhancement Program for 2021.

The Philippine National Police (PNP) recognizes the importance of Patrol Jeep Single Cab in its mission. During the past years, this vehicle is being used by police stations in several field works/operations.

4. PURPOSE:

To provide and establish the technical specifications for Patrol Jeep Single Cab that will serve as reference in the procurement of said vehicle.

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5. DEFINITION OF TERMS:

- a. Patrol – an expedition to keep watch over an area, especially by guards or police walking or driving around at regular intervals.
- b. Jeep - a small, sturdy motor vehicle with four-wheel drive, especially one used by the military.
- c. Common Rail - a pressure accumulator where the fuel is stored at high pressure.
- d. Transmission – is a machine in a power transmission system, which provides controlled application of the power.
- e. Engine Displacement – is the measure of the cylinder volume swept by all of the pistons of a piston engine, excluding the combustion chambers.
- f. Brake – a mechanical device that inhibits motion by absorbing energy from a moving system. It is used for slowing or stopping a moving vehicle, wheel, axle, or to prevent its motion, most often accomplished by means of friction.
- g. Suspension – the system of springs and shock absorbers by which a vehicle is supported on wheels.

6. GUIDELINES:

a. SPECIFICATIONS:

a. Description

This Patrol Vehicle is a four-wheeled vehicle with appropriate PNP markings, police blinker, and public address system that can accommodate at least 12 personnel with appropriate suspension for carrying its load capacity, can travel mountainous road or terrain, and can able to operate for 1,500 kilometers without turning off the engine.

b. Technical Specifications

- 1) Engine
 - a) Fuel : Diesel
 - b) Engine Displacement : 1890cc
 - c) Power : 120ps
 - d) Torque : 290nm
 - e) Fuel Delivery system : Common Rail
 - f) Cylinder : 4
- 2) Transmission : 5-speed forward with reverse and neutral

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- 3) Suspension
 - a) Front : Independent
 - b) Rear : Leaf spring with additional reinforcement to prevent sagging
- 4) Wheel/Rim : Manufacturer's standard
- 5) Tires : Manufacturer's standard
- 6) Steering : Left-hand drive, power assisted
- 7) Brake System
 - a) Front : Disc
 - b) Rear : Drum
- 8) Aircon System : Provided with air-conditioning system
- 9) Seating Capacity : 12 passengers including driver
- 10) Load Capacity : 1000kgs
- 11) Body and Frame : Hard top open sides
- 12) Vehicle Type : Single cab, bonnet type
- 13) Flooring : Checkered hard aluminum at least 2mm thick
- 14) Foot Rest : 25mm diameter stainless steel pipe non-skid finished
- 15) Rear Seat Assembly : Back to back (quick conversion from back to back to face to face position)
- 16) Crew Seat : 3mm x 25mm x 50mm angular bar with 3/4 inch thick plyboard and upholstered with 2 inch thick rubberized foam and provided with necessary support to prevent sagging.
- 17) Floor Clearance of Crew Seat : 304mm or 12 inches from Flooring

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- 18) Back Rest : 3mm x 25mm x 50mm angular bar with ¼ inch thick plyboard and upholstered with 2-inch thick rubberized foam and provided with necessary support to prevent sagging.
- 19) Floor Clearance of Back Rest : 508mm from flooring to the lowest portion of back rest
- 20) Seat Legs : Stainless steel pipe and must be provided with stainless rod pin lock with chain and support.
- 21) Rear Signal Lights : Stainless rod protected
- 22) Rear Step Board : 2.5mm checkered hard aluminum, non-skid finished.
- 23) Provided with plastic canvass on both sides and rear.
- 24) Provided with four 23mm diameter stainless steel pipes or 25mm square bar hard aluminum ceiling grab handles.
- 25) The corner post/support of the body shall be provided with rigid braces.
- 26) The rear body shall be provided with adequate ceiling light with switch located at the cab.
- 27) The driver and cab passengers shall be provided with seat belts.
- 28) Must be provided with 3rd brake light on the rear end of the roof.
- 29) Emergency siren, 6-programs with PA system, 100watts amplifier and 150 watts speaker.
- 30) Must be provided with police blinkers.
- 31) Must be provided with two rectangular/square blue blinkers located at the upper back potion (left & right) of the rear posts, (one each)
- 32) Provided with toggle switch in order for the siren to be operated either at the steering wheel or amplifier unit.
- 33) Built-in latest audio system with AM/FM radio.

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- 34) Provision for mobile radio.
- 35) Must be of the latest year model.
- 36) Instrumentation/Safety Lightings : Manufacturer's standard
- 37) Color and markings : White with appropriate markings specified in the latest approved Resolution
- 38) Vehicle Equipment/Accessories : OVM Tools, Hydraulic Jack, Spare Tire with Rim, Tire Wrench, Blinker (under the latest Resolution for Police Blinkers)
- 39) Requirements : Maintenance Manual/ Operational Manual.
- 40) Must be provided with dual airbag. (Driver and front passenger)
- 41) Items/data in the brochure/technical specifications shall form part of the standard offer.
- 42) Must pass the PNP Test and Evaluation.

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7. REPEALING CLAUSE:

All other technical specifications contrary to or inconsistent with the provisions of this PNPMC are hereby rescinded, modified or amended.

8. EFFECTIVITY:

This MC shall take effect after 15 days from filing a copy thereof at the UP Law Center in consonance with Section 3, Chapter 2, Book VII of Executive Order 292 otherwise known as the "Revised Administrative Code of 1987," as amended.



[Signature]
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 Police General
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