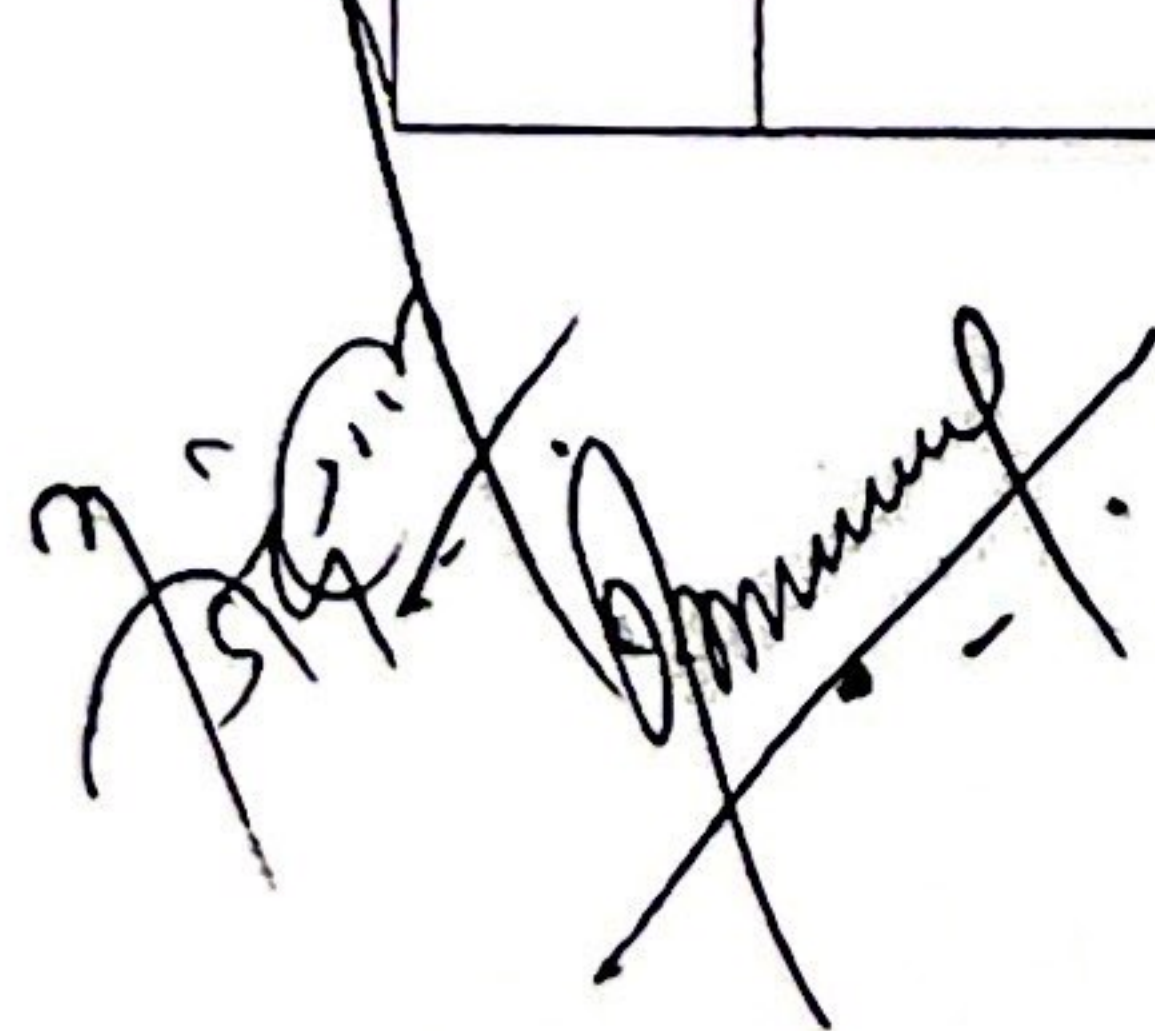
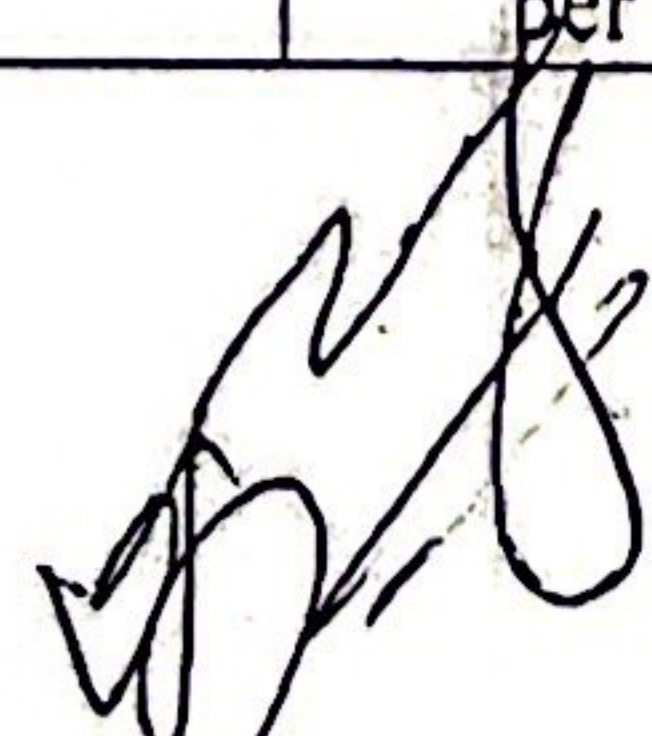




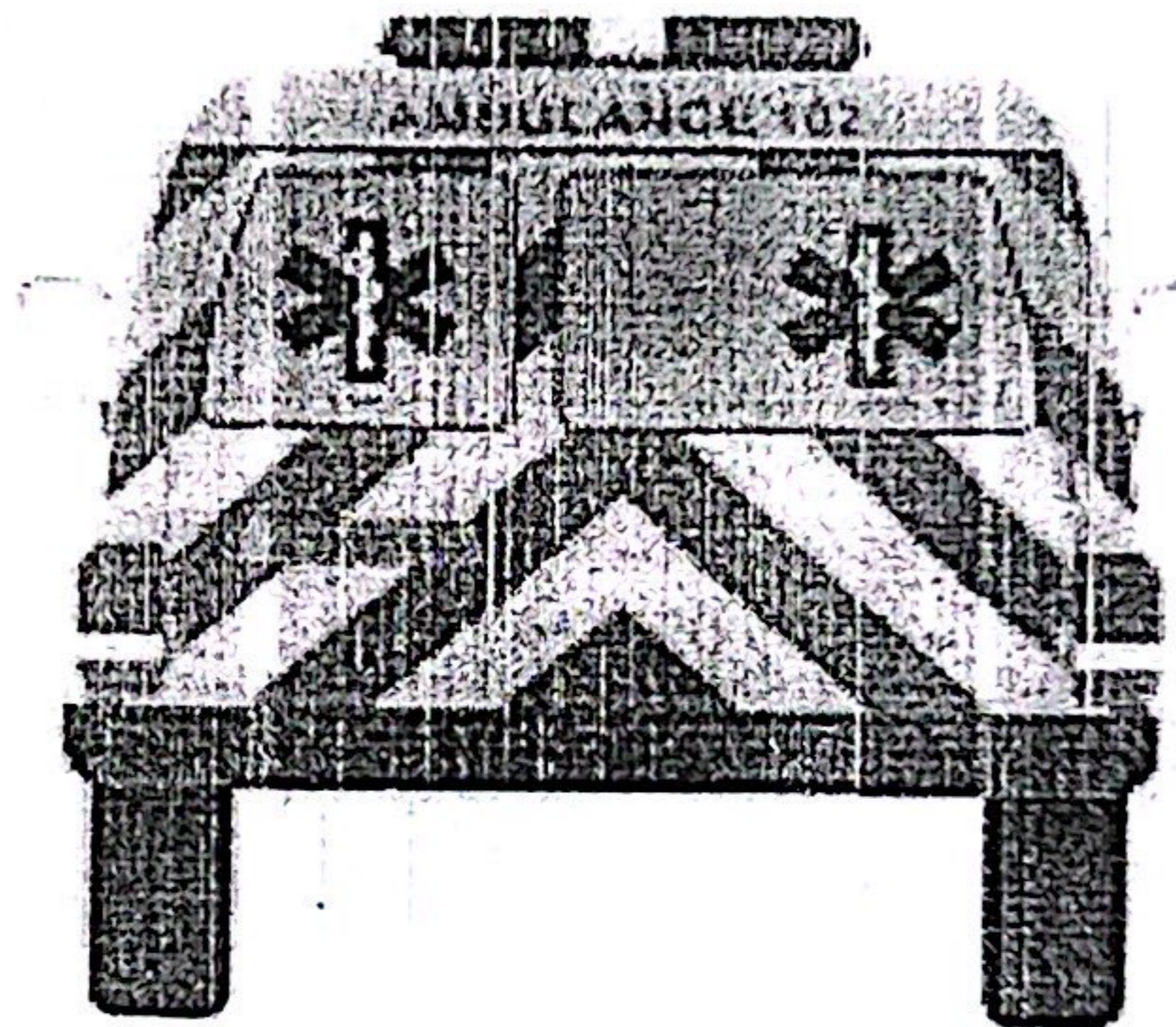
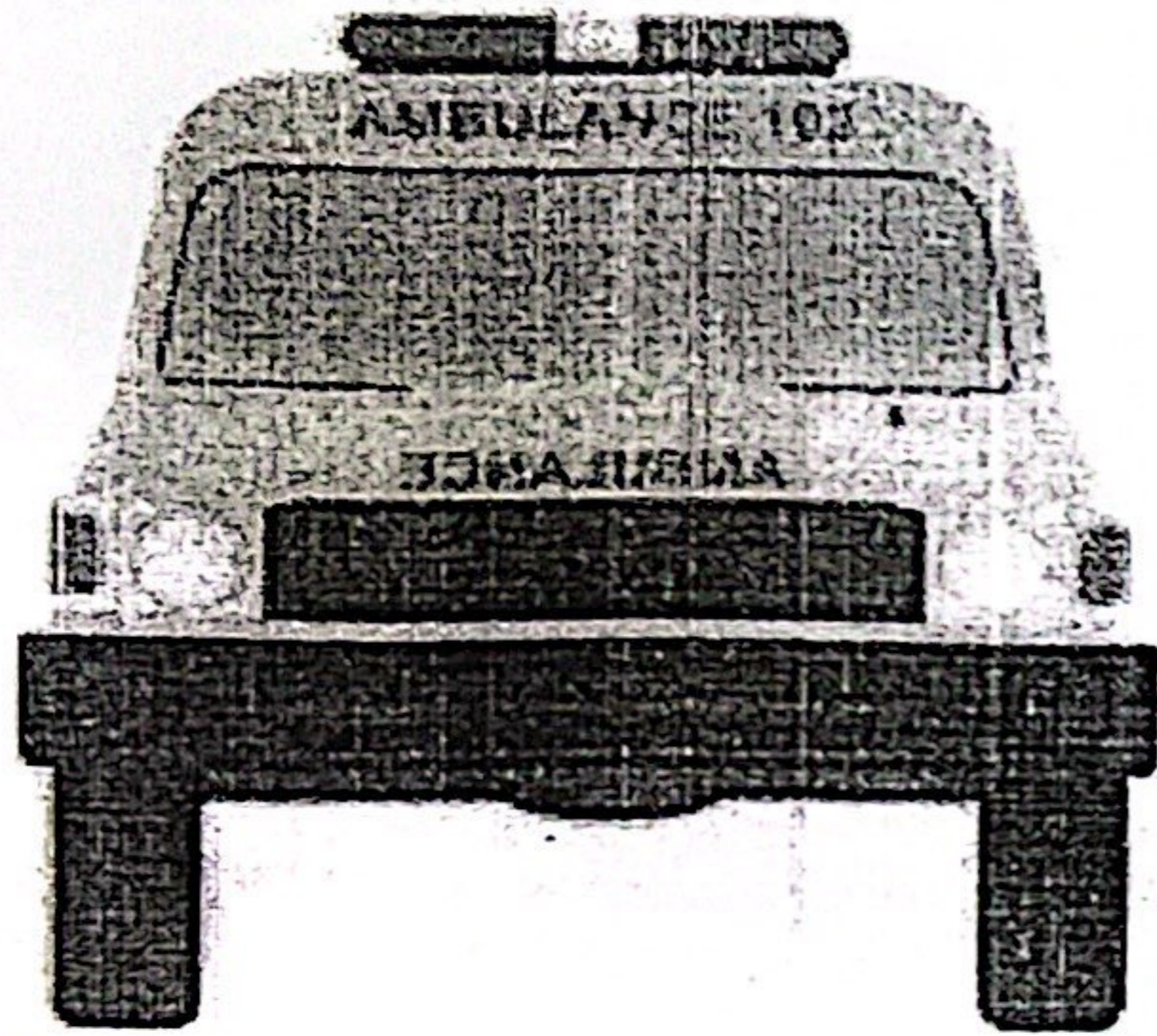
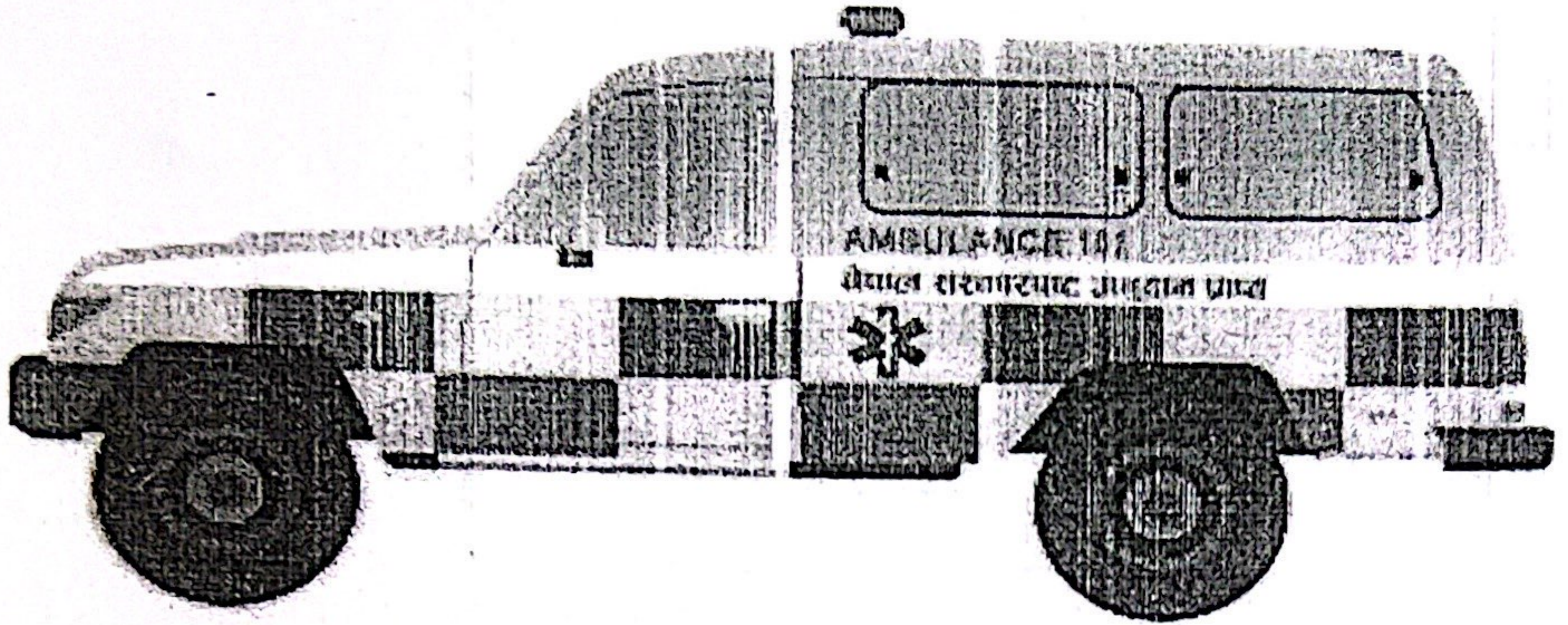
Technical Specifications for 4WD Ambulance as per Type B, National Ambulance Directives, 2078

S. No.	Descriptions	Required Specification	Offered Specification
1.	General	4WD, Left Hand Traffic, Right Hand Drive model suitable for driving in Nepal and shall have seating capacity for at least driver, co-passenger and patient.	
2.	Engine	Diesel Engine, developing maximum rated power output not less than 60 BHP & maximum torque not less than 110 NM at governed RPM, Engine Displacement not less than 2400 CC, and Engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	
3.	Wheel Base	Not more than 2800mm	
4.	Sirens	Sirens with loudspeakers should be mounted. The frequency range permitted for these sirens are 500 HZ to 2,000 Hz. Wail and yelp signals that cycle between 10 – 18 respectively 150 – 250 per minute at a sound pressure of 110db(A) – 120db(A) Should be fitted. Also, the siren switch should be installed in such a way that it can only be used when the warning lights are on.	
4.	Overall Length	Not more than 4500mm	
5.	Emission Standard	The Emission standard of the vehicle should comply with the latest "Vehicle Mass Emission Standard", of Nepal, which is to be certified by Department of Transport Management Nepal.	
6.	Gauges	To include water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance.	
7.	Clutch	Single Dry Plate	
8.	Transmission	Manual shift at 5 forward and one reverse, floor mounted engaged through control at driver seat.	
9.	Ground Clearance	Not less than 160 mm	
10.	Gross Vehicle Weight	Not less than 2400 kg	
11.	Suspension	Leaf Springs/ coil springs/ torsion bar with shock absorbers at front and rear or equivalent	
12.	Tyres	Standard Size	
13.	Steering	Power Steering/Power Assisted	

18.	Emergency Equipment	<ol style="list-style-type: none"> 1. Stethoscope 2. B.P set 3. Torch Light 4. Tongue Depressure 5. IV Drips 6. Cannula and Syringes 7. ECG monitor and oxygen monitor 8. Intubation set 9. Various intubation tubes and laryngeal tubes 10. Nebulizer set 11. Ambu bag 12. Manual suction set 13. Cervical collars 14. CPR board 15. Oxygen supply 16. Automated external defibrillator (AED) 17. Delivery sets 18. Dressing Sets 19. Splints 20. Catheterizations sets 21. Haemostatic sets 22. Force water, Oxygen supply system 23. Saline Hook 24. Oxygen Bracket for two cylinder 25. Fire extinguisher type ABC 26. Red and Blue folding Bar light and Revolving light 27. 3 tone siren, Amplifier and PA system 28. Stretcher sets 	
19.	Others	<ol style="list-style-type: none"> 1. Washing equipment 2. Wheelchair and trolley 3. Radio communication 4. Two-way video consultation device 5. Mobile device with 4G connectivity, 6. Walkie Talkie 7. Camera 8. GPS (Geographical Positioning System) 9. Other equipments and medical stuffs as per Type B National Ambulance 	

Final View of Ambulance



Amrinder
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