



FREEDOM SIGNAL™

INTEGRATED VEHICLE SOLUTIONS

PUBLIC SAFETY | GOVERNMENT | FLEET | SPECIALIZED SOLUTIONS

EQUIPMENT | REDUCTION OF EMISSIONS | A SAFER TOMORROW

FREE CHECKLIST

Operator Cockpit Checklist

Sit in the driver's seat and check the layout the way an operator will use it: by feel, at night, under pressure.

HOW TO USE THIS CHECKLIST

Use it on a pilot vehicle, a design review or a vehicle already in service. Do the checks from the driver's seat, belted in, with the seat set for the operator who will actually drive it. Then repeat from the passenger seat.



1 Reach

- ☐ **Lights and siren are reachable without leaning.** The most-used switches sit closest to the operator's hand.
- ☐ **The radio control head and mic can be used without looking.** Mic clip within easy reach; cord doesn't cross the shifter or steering wheel.
- ☐ **Controls can be told apart by feel.** Shape, spacing or position separates warning, radio and data controls.
- ☐ **Nothing blocks the shifter, cup holders or seat-belt buckle.**

2 Sightlines

- ☐ **The computer screen doesn't block the windshield or the right mirror.**
- ☐ **Factory gauges and the vehicle's own display are still visible.**
- ☐ **Screens and control lights can be dimmed at night.** No glare on the windshield after dark.
- ☐ **Mounted cameras don't block the operator's view.**

3 Safety systems

- ☐ **No equipment is mounted in an airbag deployment zone.** Check against the vehicle manufacturer's upfit guidance for this platform.
- ☐ **Mounts and equipment are secured for a crash.** Nothing in the cab can come loose.
- ☐ **Seat belts, seat adjustment and seat-mounted airbags work normally.**
- ☐ **Partition and rear-seat equipment doesn't limit front-seat travel the operator needs.**

4 Passenger seat + workspace

- ☐ **The passenger seat can be used by a partner, trainee or supervisor.**
- ☐ **The computer can be swiveled or used from either seat, if the assignment needs it.**
- ☐ **Printers, scanners and chargers are reachable and don't take over the seat.**
- ☐ **Gear the operator carries every shift has a secure place to go.**

5 Cables + service access

- ☐ **No cables are exposed where feet, knees or gear will catch them.**
- ☐ **Wiring is routed away from pedals, seat tracks and airbag paths.**
- ☐ **Fuses, connections and equipment can be reached for service without tearing out the console.**
- ☐ **Circuits are labeled and documented.**

6 Ask the operator

AFTER A FULL SHIFT, WHAT WAS HARD TO REACH, SEE OR USE?

VEHICLE / UNIT #

REVIEWED BY / DATE

Bring us the vehicle. Or just the problem.

You don't need a finished equipment list to start. Tell us the assignment, the platform and the outcome you need, and we'll work forward from there. Our team includes active law-enforcement, fire, EMS and emergency-services personnel, so the conversation starts with how the vehicle is really used.

START A PROJECT

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Based in Harnett County, NC · serving fleets anywhere

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Secure office · access by appointment only



SCAN TO START

ONE VEHICLE. ONE PARTNER. READY FOR SERVICE.

01 Warning + Scene Lighting

02 Communications

03 Mobile Data + Technology

04 Video + Awareness

05 Power + Equipment

06 Vehicle Graphics

More free guides and checklists: **freedomsignal.us/resources**

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This guide is general planning information, not engineering advice for a specific vehicle. Always follow the vehicle manufacturer's upfit guidance, equipment manufacturers' installation instructions, applicable standards and your agency's policies. Brand names mentioned belong to their owners.

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