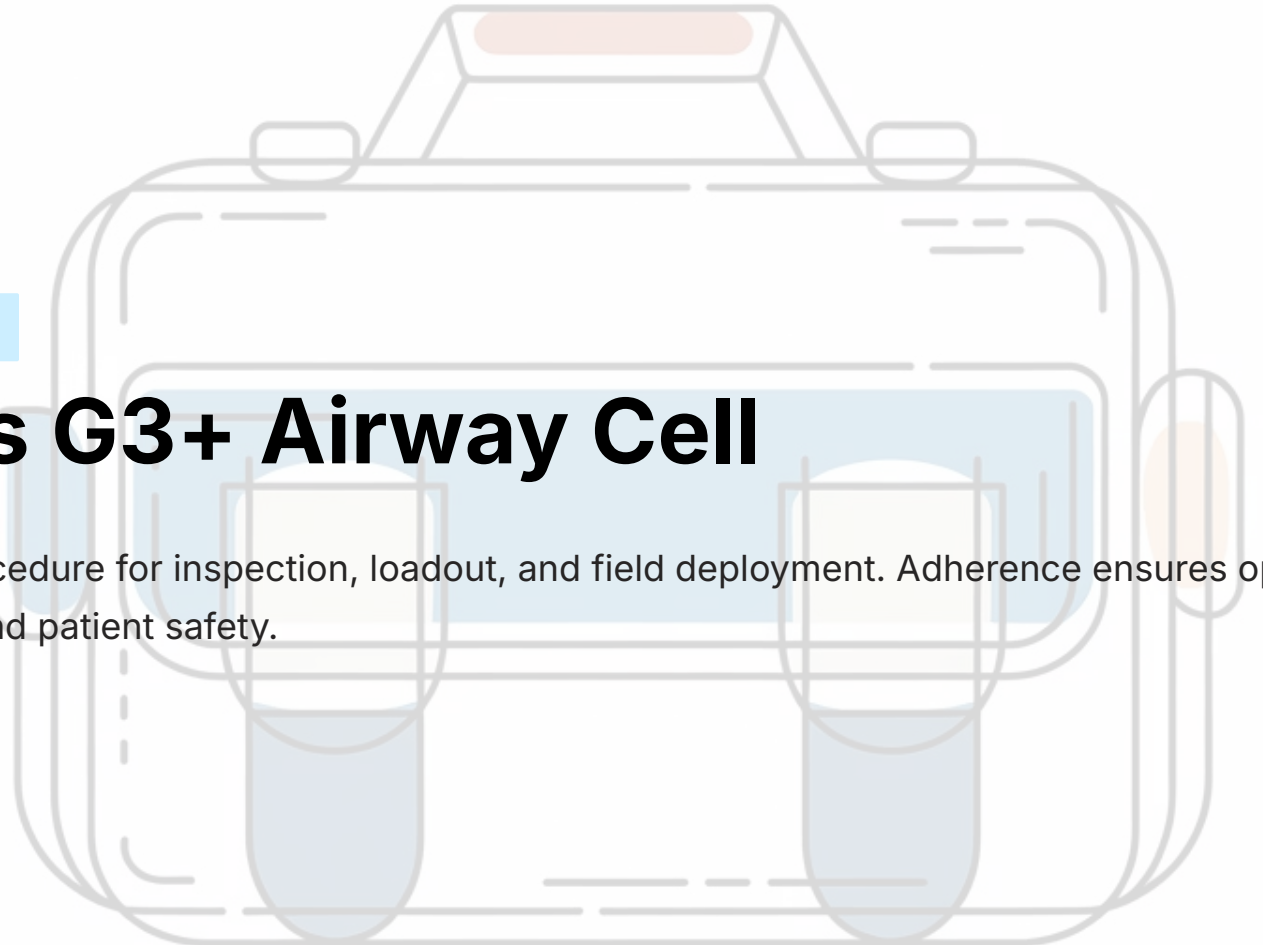
LUMINARY
BE PREPARED TO LEAD IN CRISIS



SOP-G3AC-01 · VERSION 1.0

StatPacks G3+ Airway Cell

Standard Operating Procedure for inspection, loadout, and field deployment. Adherence ensures operator proficiency, equipment readiness, and patient safety.

SECTION 1

Mission Brief & Intended Use

1.1 Primary Mission

Provide a standardized, protected, and rapidly deployable module for organizing BLS and ALS airway management equipment — reducing cognitive load and minimizing search time during high-stress respiratory emergencies.

1.2 Intended Use

Designed for use by **trained and certified medical personnel** — Paramedics, Flight Medics, EMTs, and Combat Medics — operating within their authorized scope of practice. **Not intended for use by untrained individuals.**

1.3 Operational Context

Integrates seamlessly into any StatPacks G3+ main pack (e.g., Backup, Breather). Serves as a dedicated "grab-and-go" airway kit, separating delicate airway tools from general trauma supplies to protect them from damage and contamination.

ALS Role

Organizes and protects equipment for advanced airway interventions:

- Direct laryngoscopy
- Endotracheal intubation
- Rapid Sequence Intubation (RSI)

BLS Role

Organizes and protects equipment for basic airway management:

- Oropharyngeal airways (OPAs)
- Nasopharyngeal airways (NPAs)
- Suction adjuncts

SECTION 2

Equipment & Component Familiarization

Components are grouped by operational purpose.

🛡️ Equipment Protection & Structure

Semi-Rigid Foam-Molded Shell

Provides impact and crush resistance — critical for protecting laryngoscope blades, bulbs, fiber-optics, and pre-packaged sterile items if the main pack is dropped, compressed, or struck during operations.

🟢 Rapid Identification & Access

- **Green Exterior Color:** Universal EMS color code for airway equipment — enables immediate visual ID by any team member under duress.
- **High-Visibility Zipper Pulls:** Positive grip and rapid opening, even with gloved hands or in low-light environments.
- **Clear ID Window (Handle):** Insert custom labels (e.g., "ADULT ALS," "PEDIATRIC AIRWAY," "TRUCK 86") to eliminate confusion when multiple cells are stored together.

📋 Interior Organization & Layout

- **Quad-Panel Clamshell Design:** Lays flat when opened, presenting equipment across four distinct panels. Supports muscle memory and allows simultaneous visualization of all tools.
- **Elastic Loops and Pockets:** Securely retains laryngoscope handles, blades (Macintosh/Miller), ET tubes, stylets, syringes, and airway adjuncts — preventing disorganization or damage during transport.

🔗 System Integration

Hook-and-Loop Rear Panel

Affixes the cell securely to the interior of a compatible StatPacks G3+ main pack. Prevents the module from shifting or falling out when the main pack is opened — ensuring it is always in its expected location.

SECTION 3

Standard Operating Procedure: Deployment

Scenario: Unit dispatched to a 58-year-old female in respiratory arrest requiring immediate airway intervention. Partner is providing BVM ventilations while you prepare for endotracheal intubation.

1	**Locate & Retrieve** • Open the primary medical pack (e.g., StatPacks G3+ Backup). • Visually identify the Airway Cell by its **green color**. • Grasp the handle and detach from the hook-and-loop mounting point. **Do not pull on the body of the cell.**
2	**Stage for Intervention** • Place the cell on a stable, clean surface accessible to the airway provider — typically near the patient's head. • Position so it can be opened fully without obstruction.
3	**Deploy & Prepare Equipment** • Use zipper pulls to fully open the cell. Lay flat to expose all four internal panels. • Select primary equipment: laryngoscope handle + blade (e.g., Mac 3), appropriately sized ET tube, stylet, and 10cc syringe. • Assemble and functionally test all components. Check laryngoscope light and inflate/deflate ET tube cuff to check for leaks. • Select backup equipment (smaller/larger ET tube, alternate blade, OPA).
4	**Post-Intervention Recovery** • Properly discard all disposable materials. • Segregate all reusable equipment (laryngoscope handle, blades) for decontamination per service protocol. • Secure any remaining unused supplies within the cell.
5	**Reconstitution** The cell **must be fully restocked and decontaminated** before returning to operational status. **Do not place a used or partially stocked cell back into the primary pack.**

SECTION 4

Critical Warnings, Limits & Safety

⚠️ Scope of Practice Warning

This module holds tools for advanced medical procedures carrying a **high risk of patient harm — including hypoxia, trauma, and death — if performed improperly.** Such interventions must only be attempted by currently certified, credentialed, and authorized medical professionals acting within their local protocols and scope of practice.

🧰 Equipment, Not a Medical Device

The G3+ Airway Cell is an **organizational tool only.** It provides no therapeutic benefit on its own. Efficacy of any intervention depends entirely on the skill of the provider and the condition of the medical supplies stored within.

💧 Physical Limitations

The semi-rigid shell provides significant protection against drops and compression but **is not indestructible.** It will not protect contents from extreme crushing forces (e.g., being run over by a vehicle) or submersion in water.

🦠 Cross-Contamination Hazard

Airway management generates aerosols and involves contact with bodily fluids. The cell's interior and exterior must be considered **contaminated after every use.** Follow service-specific protocols for decontamination using an approved virucidal/bactericidal agent to prevent pathogen transmission.

SECTION 5

Readiness, Inspection & Sustainment

5.1 Pre-Shift / Daily Inspection

Exterior:

- Inspect cell for cuts, tears, or shell damage.
- Verify zipper pulls are present and zippers function smoothly along their entire length.

Interior:

- Open cell and conduct full inventory against service's prescribed load list.
- Check for damaged packaging on sterile items.

Contents:

- Confirm laryngoscope functionality (light source).
- Verify all medications (if carried) and supplies are within expiration dates.
- Ensure all items are properly secured in designated loops/pockets.

5.2 Post-Mission Sustainment

Restock: Immediately after any operational use, take the cell out of service until a complete inventory and restock is performed. **Every single item used must be replaced.**

Decontaminate: Clean and decontaminate interior and exterior surfaces per bloodborne pathogen and infectious disease control protocols. Pay special attention to high-contact areas: handle and zippers.

5.3 Periodic Maintenance

On a **monthly or quarterly basis:**

- Fully empty the cell and clean the interior thoroughly.
- Inspect elastic loops for loss of elasticity.
- Inspect interior lining for signs of wear or degradation.