



*Superintendent*

Tim Logan

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Dawn Huckaby

*Executive Directors*

Human Resources - Billiejo Hogan

Educational Services - Jim Gianotti

Educational Services - Heather Moyle

Operations- Harman Bains

Special Services - Rachel Stewart

## **Lyon County School District – Safety Management Form**

**Date:** 4/15/2025

**To:** Harman Bains, Executive Director of Operations

**From:** Blake Smith, Safety and Benefits Risk Manager

**Location/Re:** School Bus Camera Upgrades

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**Description of Concern:**

- Provide comprehensive details regarding the severity of risk, including potential consequences, past or possible incidents, the time of occurrence, and any other contributing factors.
- Currently, LCSD bus cameras capture only approximately 20% of students on board. The fleet lacks rear-view cameras, dash cams, cameras at bus entrances, and exterior side-view coverage. Additionally, existing cameras do not provide effective audio recording throughout the interior of the buses.
- Onboard DVR storage devices have proven unreliable, often failing to record or provide access to critical video footage.
- The district has faced multiple claims related to student accidents, workplace injuries, traffic incidents, and vandalism—many of which were difficult to address due to the absence of dependable video documentation.
- Without a more comprehensive and reliable camera system, the district remains exposed to heightened liability risks stemming from incidents involving students and staff in or around buses, as well as from traffic-related events and property damage.

**Type of Risk (Check all that apply):**

- ☒ **Physical Hazards** – Risks associated with workplace conditions, such as slips, trips, falls, exposure to hazardous materials, machinery accidents, and ergonomic injuries.
- ☐ **Health & Environmental Risks** – Exposure to toxic chemicals, airborne contaminants, noise pollution, or poor ergonomics that can lead to chronic health issues.
- ☒ **Operational Risks** – Failures in safety procedures, lack of training, equipment malfunctions, or human errors that could lead to accidents or inefficiencies.
- ☐ **Compliance & Regulatory Risks** – Failing to meet industry safety standards, legal requirements, or OSHA regulations, which can result in fines, legal action, and reputational damage.



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☒ **Technological & Cybersecurity Risks** – In industries reliant on digital infrastructure, cyber threats or technology failures can impact safety systems, leading to operational hazards.

☒ **Emergency & Crisis Management Risks** – Natural disasters, fires, workplace violence, or security breaches that require strong emergency response plans to protect personnel and assets.

☐ **Psychosocial Risks** – Stress, workplace harassment, and mental health challenges that can affect employee well-being and productivity.

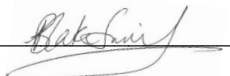
### **Proposed Mitigation Strategies**

- Where there any actions taken immediately to mitigate the safety concern?
  - No
- What actions do you recommend in order to mitigate or eliminate this risk?
  - Installation of new camera systems across all LCSD buses, featuring rear-view (backup) cameras, dash cameras, full interior and exterior coverage, and enhanced onboard DVR storage with cloud-based access. The upgraded systems should also include a panic button, automated diagnostics, and alerts for equipment malfunctions.
- Have you discussed this concern with the District or School Site management personnel? Did they share the same level of concern? Provide comprehensive details regarding the conversation and why they did or did not, agree with your perspective and severity of risk.
  - Discussions regarding new camera and DVR storage solutions were held with the Director of Operations, Harman Bains, and Transportation Supervisor, Ryan Robinson. All parties agreed that the current bus camera systems and onboard DVR storage devices pose a significant risk due to their limitations and unreliability.

### **Follow-up Actions**

- Risk Manager action steps with deadlines:
  - Submit request for new cameras to Director of Operations – 4/16/2025
  - Research Solutions – 4/30/2025
  - Review solutions and potential proposals with Director of Operations and Transportation Supervisor – 5/30/2025
  - Follow up as necessary
- District or School personnel action steps with deadlines:
  - Research possible solutions; Risk Manager, Transportation Supervisor and Director of Operations – 5/30/2025
  - Propose vendor and cost to LCSD Board of Trustees – 6/24/2025

**Acknowledgment:** I certify that the information provided is accurate to the best of my knowledge.

Signature:  4/16/2025