

Risk Assessment – StrapThor ACE (Professional Lanyard)

Product: StrapThor ACE (TKSTACE)
Manufacturer: Euryca AS / Thor's Drone World
Date: 03/07/2025
Place: Malvik, Norway

1. Introduction

This document provides a risk assessment for the StrapThor ACE (TKSTACE), a professional lanyard accessory manufactured by Euryca AS.

This wearable accessory is used to support the weight of drone controllers, tablets, or monitors around the neck or chest during operation.

It is made from reinforced woven polyester and PU leather components, with adjustable straps and connection loops.

No electronic or powered components are included.

2. Product Covered

- StrapThor ACE (TKSTACE) – Professional Lanyard with adjustable strap and reinforcement

3. Risk Identification and Evaluation

Risk Area	Description of Risk	Severity (Low/Med/High)	Mitigation Measures
Strain or Discomfort	Prolonged use may cause neck strain or shoulder pressure	Low	Wide strap design with adjustable fit and weight-distributing structure
Material Irritation	Skin irritation from PU leather or polyester contact	Low	Made from REACH-compliant materials with no hazardous substances
Loop Detachment	Improper fastening may cause controller or device to drop	Low	Secure stitching and reinforced metal loops; usage guidance provided

Entanglement	Strap could catch on nearby objects during operation	Low	Shortened ergonomic design to limit slack and avoid snag hazards
Wear and Tear	Fabric may fray or degrade over time	Low	Durable textile quality; visual inspections advised

4. Residual Risk and Conclusion

After implementing the listed mitigation measures, the product is considered safe for normal use by adult consumers.

StrapThor ACE is ergonomically designed to reduce risk and ensure a secure, comfortable wearing experience.

Signed by:

Tore Kvittum

Tore Kvittum
Owner / Product Developer
Euryca AS
Date: 03/07/2025
Place: Malvik, Norway

