

Risk Assessment – StrapThor PRO (Body Tripod)

Product: StrapThor PRO (TKSTPRO)
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 PRO (TKSTPRO), a wearable tripod accessory designed by Euryca AS.

The system includes a harness made from reinforced polyester and nylon with quick-adjust clips, and an integrated CNC-machined aluminum base that supports controllers, tablets, or monitors.

It enables hands-free drone operation by distributing weight across the user’s torso.

No electrical or powered components are included.

2. Product Covered

- StrapThor PRO (TKSTPRO) – Wearable tripod harness system with aluminum mounting base

3. Risk Identification and Evaluation

Risk Area	Description of Risk	Severity (Low/Med/High)	Mitigation Measures
Postural Strain	Wearing for long periods may cause shoulder, back, or neck fatigue	Medium	Ergonomic design with weight-balanced strap system and adjustable fit
Material Irritation	Textile contact may cause skin irritation or sweating	Low	REACH-compliant woven straps and ventilated harness materials

Drop Risk	Failure to secure mounting bracket may lead to dropped devices	Low	Secure aluminum base with fastening instructions and locking screw guidance
Misalignment	Improper strap adjustment can destabilize load	Low	Detailed instructions included to ensure proper harness fit and equipment balance
Sharp Edges	Minor cuts from aluminum base edges	Low	Anodized and deburred aluminum parts tested per ISO 9001 standards
Obstruction Hazard	Wearing harness in crowded areas may snag on obstacles	Low	Designed for field and outdoor use; caution advised during transport indoors

4. Residual Risk and Conclusion

With proper adjustment and safe use, StrapThor PRO poses no unacceptable risks to users. All risks have been identified and addressed through ergonomic design, REACH-compliant materials, and mechanical stability of the aluminum components.

Signed by:

Tore Kvittum


Tore Kvittum
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Euryca AS
Date: 03/07/2025
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