

From: NZPIA ceo@nzpia.co.nz
Subject: Safety Notice for SLeia Parachutes with Vectran 300 lines
Date: 25 November 2024 at 1:48 PM
To: ceo@nzpia.co.nz

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SAFETY NOTICE NO 24 - 03

To: All skydivers
Subject: SLeia Vectran 300 line sets (Specific serial numbers).
Compliance: Mandatory
Date of Issue: 15 November 2024
Compliance due: Mandatory before next jump

Background:

The NZPIA has received the following information from Jyro:

There has been an increasing number of incidents involving one or several lines of highly loaded canopies (of all brands) breaking during high performance turns/landings. Some of these incidents resulted in fatalities or serious injuries.

In light of recent Fluid Wings' Service Bulletin 24-400-001 which addresses the maintenance and airworthiness of parachute suspension lines, and the conversation that followed within our community, we have gathered data (survey, simulations, lab test and flight tests, etc.) and decided to review the minimum line sizes available for our products.

Based on the facts that:

- The force applied to the lines during the recovery arc can exceed the force applied to lines during the parachute deployment
- The most recent generation of high performance, highly tapered canopies have a significantly higher load on the centre cell line groups
- That the lines of a 7 cell canopy have a significantly higher load than those

... that the lines on a 7 Cell canopy have a significantly higher load than those of a 9 Cell.

- That high wing loading and the use of RDS can accelerate line wear and in some cases, cause failure on lines showing little visual wear, we, at JYRO, have decided that, despite no incident being reported at this time on this type of parachute, the combination of Vectran 300 lineset and SLeia presented a risk of premature failure.

To mitigate the risk of such an occurrence we have removed Vectran 300 from our SLeia product.

Mandatory compliance:

The following mandatory actions are required to be completed:

1. JYRO SLeia canopies with Vectran 300 (V300) installed to be relined with appropriate lines type Vectran 400 (V400)
2. JYRO SLeia linesets made from Vectran 300 (V300) to be returned to the supplier.

Serial Numbers affected:

3, 5, 6, 9, 10, 13, 14, 15, 19, 20, 22, 27, 28, 29, 30, 37, 43, 52, 59, 60, 64, 65, 66, 67, 81, 85, 88, 95, 96, 104, 27533, 27534, 27742, 28238, 28272, 28678, 28679, 28680, 28681, 29407, 29773, 29774, 29775, 55059

The Jyro Service Bulletin can be found throughout [this link](#).

If you are unsure if there lines on your parachute, consult your local PT, or get in touch with Jyro with the serial number.

Be safe out there!

David du Plessis

CHIEF EXECUTIVE OFFICER

NEW ZEALAND PARACHUTE INDUSTRY ASSOCIATION (NZPIA)

and information sharing.

Our mailing address is:

New Zealand Parachute Industry Association
Taupo
Taupo, 3330
New Zealand

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