



CANOPY PROGRESSION

DZO CONFERENCE
FEB 2023





STRATEGIES

Balance progress with safety:

- Review SOPs – including first jump with new canopy
- Communicate SOPs for canopy progression clearly
- Expectations of reasons/proficiencies prior to progressing
- Designated canopy advisor to approach



STRATEGIES

Encourage education and exploration:

- Swoop Club
- Canopy Club
 - Sunday morning every month, all levels
 - Staff member with video camera
 - Accuracy comp
- Demo Day
- Access to External Resources



ASSOCIATIONS

COUNTRY	Table Rule or Recommend	Basis	Advice for Jump 1? Jump Spread
USA	Recommend	Min canopy size @ jumps	No – up to 25 to 1000
Canada	Recommend	Min size @ jumps	Yes 1-500
France	Rule	Min size @ jumps	No – up to 100 to 1000
UK	Rule	Min size @ jumps	No – up to 25 to 1800
Australia	Recommend	Min size @ jumps	Yes 1-500
Netherlands	Rule (Chart)	Min size @ jumps; currency; W/L; wing type	No - up to 25 to 1000
Germany	None		
Italy	None	'Wild wild west'	



MANUFACTURERS

MANUFACTURER	Table	Basis	Other
Performance Designs	Maximum Exit Weight for each size and type	Experience level: Stu/Nov/Inter/Adv/Exp	
Aerodyne	Maximum Exit Weight for each size and type	Experience level: Nov/Inter/Adv/Exp	
Icarus World	Maximum Exit Weight for each size and type	No further detail	
Fluid Wings			Suggested Jump Range for each Canopy Type
NZ Aerosports			Canopy Selector quiz



ACTION POINTS

- Review SOPs
- Safety Day 2023 – ‘Land like your Life depends on it’
 - Communicate DZ framework for progression
 - Encourage development through events - Float Canopy Club and Demo Weekend ideas
 - Make resources readily available



SUMMARY – CREATE THE C's

Create a Culture of Progression through Safe Practices

- Curiosity for canopy flight
- Community for support and sharing
- Consistency with advice



Articles and videos with advice on canopy progression:

[Dying for Airspeed - Brian Vacher](#)

[Girls Can't Fly Parachutes - Laura Golly](#)

[Downsizing - Paul Dorward](#)

[Finding Your Perfect Canopy - Pete Allum](#)

[The Road to Nowhere - Julian Barthel](#)

[Five things to ask yourself before downsizing](#)

[Safety Check - Downsizing](#)

[The Downsizing Checklist - Bill Von Novak](#)

Canopy Courses from:

[Flight-1 - Find A Course](#)

[PD Raw - Shannon Pilcher on Downsizing](#)

[PD Raw - Jason Moledzki on Downsizing](#)

[PD - Wingloading and its Effects](#)

[PD - Choosing the Right Canopy Part 1](#)

[PD - Choosing the Right Canopy Part 2](#)

[Valkyrie Sizing - PD](#)

Your Association:

[USPA](#)



Association Resources:

[USPA Canopy Sizing Chart in SIM 5.3B](#)

[USPA Canopy Flight Progression SIM 6.10](#)

[USPA 2021 Non-Fatal Incident Summary](#)

[USPA 2020 Non-Fatal Incident Summary](#)

[Wingloading Advice from USPA](#)

[British Skydiving Canopy Size Chart](#)

[British Skydiving Canopy Size Chart after attending a Canopy Course](#)

[Netherlands Association Matrix for Canopy Progression](#)

[Netherlands Association Classification of Canopy Type](#)

[CSPA Canopy Size Recommendations Pages 22-23](#)

[APF Canopy Downsizing Chart Part 6](#)

[French Federation Canopy Sizing Chart](#)



Manufacturer's Advice and Wingloading Charts:

PD Wingload Charts

Choose your canopy from this page and scroll down to the Wingload Chart

Fly Aerodyne

Go to this page, choose your canopy in the main menu, scroll down to 'Full Specs and Support Documents' and find Canopy Selection Chart

NZ Aerosports Canopy Selector

Follow the quiz to find out your choice of canopy from NZA

Fluid Wings Canopies

Choose each canopy from the menu to find out the recommended jump range for each canopy

IPT Canopies

Choose each type of canopy from the main menu and scroll down to see the canopy size chart based on experience

Icarus World canopies

Choose the canopy from the main menu, scroll down and choose 'Canopy Sizes' to find the sizing chart