

Random Formations

Whether a formation belongs to a certain class dive pool is indicated by the following symbols:

① SVNH Open ② SVNH Advanced ③ SVNH Intermediate ④ SVNH Rookie

A © AXIS Flight School

①
②
③
④

Unipod

B © AXIS Flight School

①
②
③
④

Stairstep Diamond

C © AXIS Flight School

①
②
③
④

Murphy Flake

D © AXIS Flight School

①
②
③
④

Yuan

E © AXIS Flight School

①
②
③
④

Meeker

F © AXIS Flight School

①
②
③
④

Open Accordion

G © AXIS Flight School

①
②
③
④

Cataccord

H © AXIS Flight School

①
②
③
④

Bow

J © AXIS Flight School

①
②
③
④

Donut

K © AXIS Flight School

①
②
③
④

Hook

L © AXIS Flight School

①
②
③
④

Adder

M © AXIS Flight School

①
②
③
④

Star

N © AXIS Flight School

①
②
③
④

Crank

O © AXIS Flight School

①
②
③
④

Satellite

P © AXIS Flight School

①
②
③
④

Sidebody

Q © AXIS Flight School

①
②
③
④

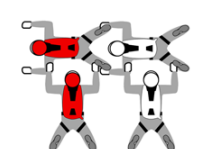
Phalanx

Block Formations

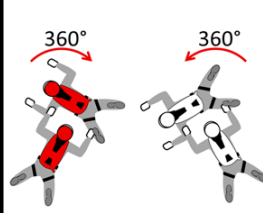
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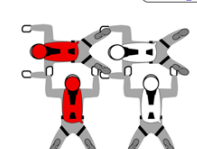
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Molar

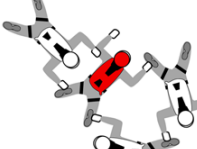


INTER  video courtesy of Arizona Airspeed

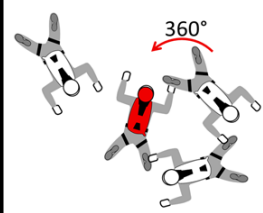



Molar


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Sidebody Donut

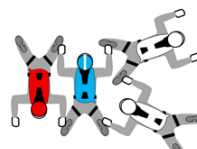


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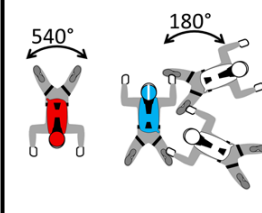



Side Flake Donut

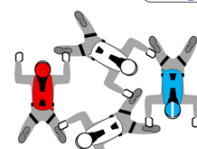
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Side Flake Opal

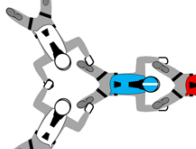


INTER  video courtesy of Arizona Airspeed

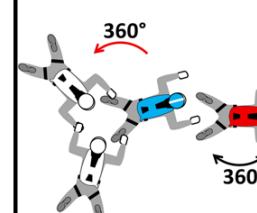



Turf

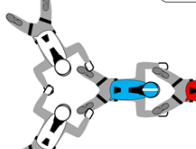
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Monopod

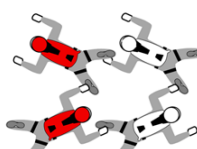


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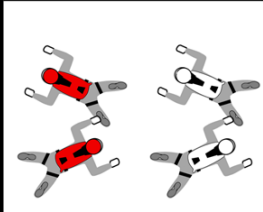



Monopod

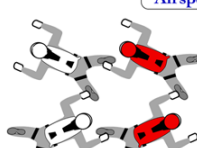
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Opal




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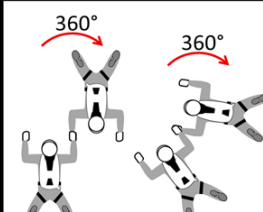



Opal

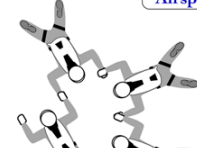
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Stardian

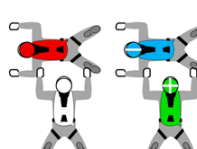


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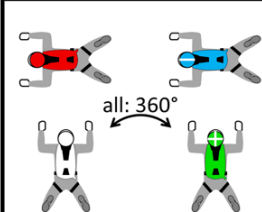



Stardian

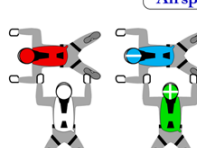
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Sidebuddies




INTER  video courtesy of Arizona Airspeed

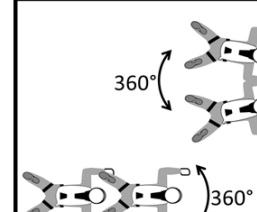



Sidebuddies


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Canadian Tee



INTER  video courtesy of Arizona Airspeed



Canadian Tee

Block Formations

Whether a formation belongs to a certain dive pool is indicated by the following symbols:

① SVNH Open ② SVNH Advanced ③ SVNH Intermediate ④ SVNH Rookie

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Cat + Accordion

INTER video courtesy of Arizona Airspeed

Cat + Accordion

10 © AXIS Flight School ①

Diamond

INTER video courtesy of Arizona Airspeed

Bunyip

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Photon

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Photon

12 © AXIS Flight School ①

Bundy

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Bundy

13 © AXIS Flight School ① ②

Mixed Accordion

INTER video courtesy of Arizona Airspeed

Mixed Accordion

14 © AXIS Flight School ① ②

Bipole

INTER video courtesy of Arizona Airspeed

Bipole

15 © AXIS Flight School ① ②

Caterpillar

INTER video courtesy of Arizona Airspeed

Caterpillar

16 © AXIS Flight School ①

Compressed

INTER video courtesy of Arizona Airspeed

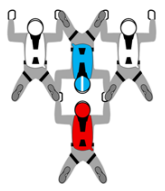
Box

Block Formations

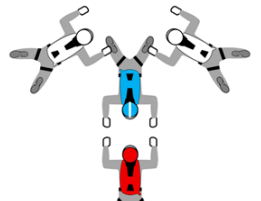
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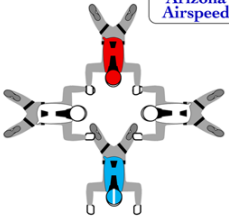
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Danish Tee

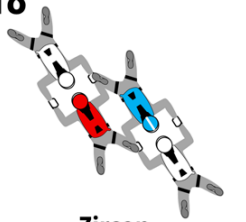


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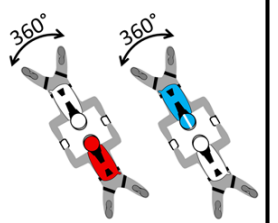



Murphy

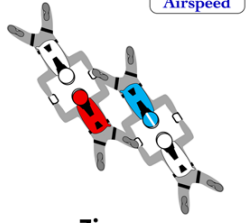
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Zircon

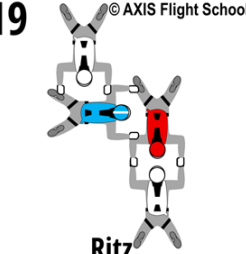


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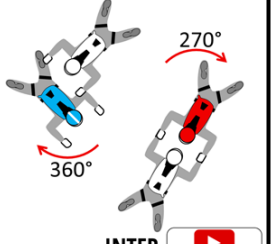



Zircon

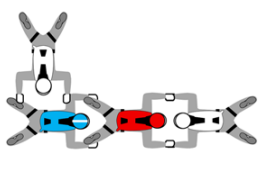
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Ritz

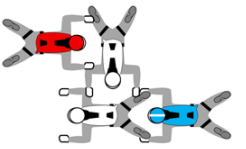


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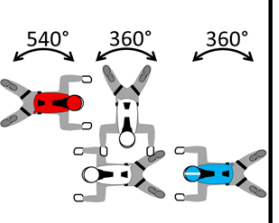



Icepick

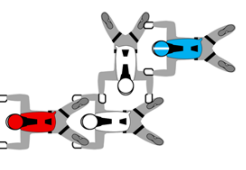
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Piver

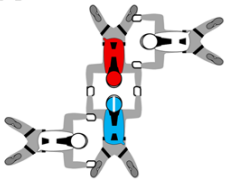


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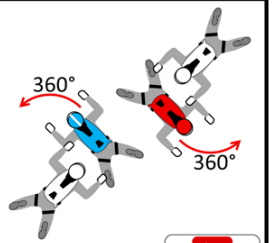



Viper


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Zig Zag

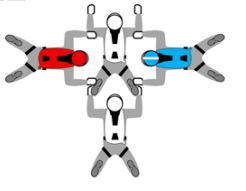


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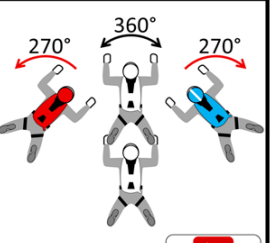



Marquis

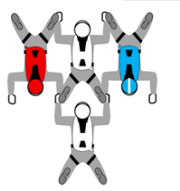
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Tee



INTER  video courtesy of Arizona Airspeed

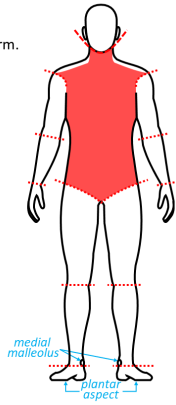


Chinese Tee

Definitions for Building a Formation

Scoring Zones

- Head** Above the jaw-line.
- Shoulder** The upper part of the body between the neck the upper arm. The shoulder blade is excluded.
- Arm** Below a line from the tip of the shoulder to the armpit, including the hand, excluding the shoulder.
Upper Arm: between shoulder and elbow.
Lower Arm: between elbow and wrist.
- Hand** Wrist to finger tips.
- Leg** Below a line from hip joint to crotch, including the foot.
Upper Leg: between hip and knee.
Lower Leg: between knee and ankle.
- Foot** On or below the anklebone (slight protrusion of the 'medial malleolus').
- Sole** Underside ('plantar aspect') of the foot.
- 'same'** (arm, leg, foot): left to left -or- right to right
- 'opposite'** (arm, leg, foot): left to right -or- right to left



For MFS grips only

A depicted grip by hand A on arm/hand B of another jumper may be substituted with a grip by hand B on arm/hand A, or by both grips simultaneously.

Legend Point of View



All parts of the dart can be seen. This symbol indicates an **edge-on** view, as if a camera flyer was on level with the subjects.

A dart will orient itself parallel to the relative wind, with its tip towards the oncoming wind. We have chosen three different views of a dart to indicate from which point of view the formation was drawn.



Only the flight and shaft can be seen. This symbol indicates a view from **above**, as if a camera flyer was trailing or above the subjects, looking into the relative wind.



Only the point, barrel and parts of the flight can be seen. This symbol indicates a view from **below**, as if a camera flyer was leading or below the subjects.

Legend for INTER Moves



A **Turn** is a rotation around the vertical axis and can be executed left or right. The person's location relative to the center of the formation does not change.



A **Carve** involves a turn combined with horizontal translation (change of a person's location relative to the center of the formation).



A **Flip** is a pitch transition (rotation around the lateral axis) and can be executed front or back. The person's location relative to the center of the formation does not change.



A **Loop** involves a flip combined with horizontal translation (change of a person's location relative to the center of the formation). A half loop is indicated by an added «180°».

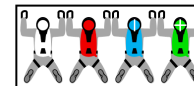
For a complete analysis of body-flight movements, reference the paper «Body-flight Theory» by Niklas Daniel (click on this legend or – if you are looking at a printed version of this dive pool – go to axisflightschool.com).



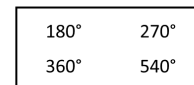
Indicates direction of turn by a sub-group.



Indicates turn by sub-group in either direction. Sub-group can only accumulate the necessary degrees in the initially committed direction.



Indicates clarification of intent.



Indicates approximate degrees of turn to show intent of the transition maneuver.