The Half LOOP

The Half Loop is another common element in competition aerobatics as it is half of the most fundamental figure the loop. It combines elements of the loop, inverted flight and the slow roll and teaches the pilot slow-speed transition and slow-speed inverted flight. It can be looked at as the processor for getting most of the other looping figure's right such as Half Cubans and "P" loops.

The aim is to fly a half loop so that it looks like perfectly semi-circle/half circle to a ground observer – the JUDGE.

The Half Loop up with a half roll off the top is also referred to as the Immelmann.

All books on aerobatics will have a section on how to fly the ½ loop, so I will leave it to you pilots to read up on it more thoroughly. I also suggest reading the judging criteria sent out with this attachment so you know what the judges are looking for and what you will be downgraded on.
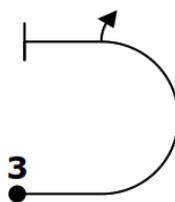
Again, like the loop a good start to a good half loop is to pull straight with no Aileron.

The U.S.A Chapter 34 of the IAC has the following video tutorial on how to fly the half loop.
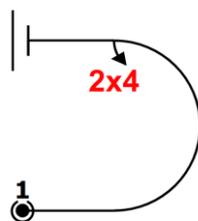
[The Aerobatic Textbook: The Immelman - YouTube](#)

Entry does not have a ½ loop but feel free to have a go.

Graduate & Sportsman your half loop will be the standard, a half loop up with a half roll on the top.

For the Sportsman looking to try something different try a ½ loop up with a 2x4 roll on the top.

The Half LOOP

Yak 52 & Intermediate – FAI Unknown figures include half loops up and half loops down which can have rolls before the looping segment as well as after. They may also start and or finish inverted but will always be a positive looping segment. Below is a snap shot from the FAI Section 6 Part 1 rules (figures with Y), you can read up on what rolls and k factors are allowed.

Advanced – FAI Unknown figures include the same for Yak 52/Intermediate but as you see below your looping segments maybe a negative or push segment.

A.10.   Family 7.2.1 To 7.3.4

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