

## SAT-RODEO

An amazing manoeuvre which not only brings in many points, but also delights the spectators again and again.

### HOW DOES IT WORK?

In SAT-Rodeo each of the two pilots has to implement a different task. One pilot flies a SAT, the other one flies a harmonious Spiral Dive at same height around his partner. Each of the two must concentrate on his task and trust the other one absolutely.

### ENTRY

In order to initiate the SAT-Rodeo as quickly as possible, it is recommended that the pilots start off with one flying above the other. The pilot who will fly the SAT must be the lower pilot. Both introduce their manoeuvre at the same time, but the upper pilot does not start so radically. When the lower pilot is in the SAT, his partner should have arrived at the same height.

He must now alter his sink rate, speed and radius of the Spiral Dive in such a way that he flies accurately at the same height around his partner.

Both pilots should fly the manoeuvre exclusively in the same direction of rotation, since a collision of two canopies flying against each other will have fatal consequences.

An intended, controlled contact of the two canopies is possible if the pilot who is flying the Spiral Dive, coming from above, chooses the correct moment when his partner's canopy is closest to his own.

### EXIT

For the exit the spiralling pilots recovers slowly from the Spiral Dive and flies away upwards; Only then the lower pilot exits from SAT.

## HELICO-RODEO

The Helico-Rodeo works on the same principle as the SAT-Rodeo. One pilot flies a Spiral Dive at the same height around his partner, who is in a perfectly centred Helico.

### HOW DOES IT WORK?

In order to circle as fast as possible around the Helico, the pilot who is flying the spiral, should be in the starting position about five meters higher and ten meters behind his partner. The pilot who flies the Helico will rise during the entry before he changes into the Helico preceding Deep Stall.

When the Helico starts to turn, the other pilot begins immediately to spiral around him.

A short, gentle contact can be made here. One should not forget, however, that each contact between the two canopies can cause collapses if it is too forceful, and that this will bring about the abrupt and uncontrolled termination of the manoeuvre.

### EXIT

For the exit the spiralling pilots recovers slowly from the Spiral Dive and flies away upwards. Only then the lower pilot exits from Helico.

SAT-Rodeo and Helico-Rodeo may appear relatively simple to the spectators, but for the pilots they are nevertheless very fastidious and risky flight figures, since a small failure of either partner can end in a violent collision.

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AGAINST THE GRAIN JUNIORS  
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PHOTO: GURUN ÖCHEL /  
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MANOEUVRE  
HELICO-RODEO