

## MESCAL3 Thermik Report

Just like the Bolero, the MESCAL3 can handle the big boys up to 140 kg. The orientation of both wings is also similar: instruction suitability guaranteed, yet still a lot of attention on the features of the MESCAL. Climbing and handling get special attention, as does the aspect ratio.

44 cells and an aspect ratio over 5 is a clear sign that the A class actually does allow for different concepts. Not only is the MESCAL3 optically difficult to differentiate from the intermediate class, not much is missing in flight, either. Thus, it represents the cap of its class.



The MESCAL3 requires no tricks at the launch. Lay it out and raise it. It is surprising how slowly the canopy rises, unexpected with regard to the concept of the glider. Actually, the MESCAL is the ambassador for gliders that rise slowly above the pilot. Launch behavior impresses, since the wing stays true to its path and shows no tendency to wander. Last but not least, despite letting go of the A-riser too early, continuous pull on the risers is sufficient to take over the rest of the launch phase. There was no shooting forward and out on the practice hill there was enough room to make mistakes.

The second pleasant surprise awaits in the air. The MESCAL3 feels like it looks. Curve handling is astoundingly direct, this kind of good-natured reaction and high performance- dynamics were not really expected in a glider of this class. What surely pleases hobby pilots, however, can also be overwhelming for a stressed-out pilot. Although the axis damping lies in the lower area of the test field, it is not a matter for worry: the MESCAL3 does not bite. The good-natured profile easily forgives even serious mistakes and above all, the stall point is barely achievable in normal circumstances thanks to the Jet Flaps. Catchword Jet Flaps: whoever still believes that this is a marketing ploy will be convinced otherwise by the MESCAL3. One more reason to implement the MESCAL3 on the practice hill, you cannot find a better wing on the market for slow flight performance. The pilot feels at home immediately in thermals thanks to the direct handling; the curve repertoire from flat to steep of this glider is almost unlimited. The very soft basic characteristic is a matter of taste, but the fact is that feedback is good and brake pressure is satisfyingly low.

The MESCAL3 can also be a dynamo, if the pilot desires: wingovers and fast turns are no problem. In a spiral, pilots do not have to worry about managing high brake pressure or the tendency to flat turns. As expected, it can be maneuvered well during the spiral and the righting moment always remains noticeable, intensifying when exiting the spiral. This requires some precision and practice to avoid penduluming the wing.

The B-stall needs power to initiate. Riser travel is somewhat short, stall remains stable but the wing's desire to keep flying is noticeable. Exit is problem-free.

Like most of the testers, the ears are easy to recover, relatively easy to hold but leave something to be desired in efficiency.

skywalk has managed a tighrope walk with the MESCAL3: a simple to fly, sensible thermal wing with good handling, suitable for the practice hill thanks to unproblematic launch performance. From talented beginners to old professionals and hobby pilots, the MESCAL3 can serve an enormous range of pilots well.



<b>SKYWALK MESCAL 3 +/-</b>
+ very forgiving launch performance
+ great flying characteristics
-somewhat short on the risers for B-stall

