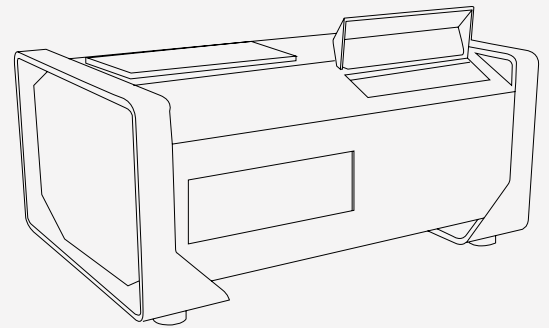


Live Broadcast of the Ski World Championship

Sweden, Are - 2019

With 74 participating countries and 700 million viewers, the Ski World Championship is the biggest winter sport event in the world after the Winter Olympics. For Sweden's national public broadcaster, SVT, Aerocam deployed an Elistair Safe-T Tether and a DJI M600 drone to provide unique live aerial imagery of the slopes. Images were instantly transmitted to SVT's headquarters in Stockholm, 600 km away, and subsequently streamed live to global audiences.



With a drone you can get access to higher angles and in more difficult terrain. Like a camera crane but with more flexibility. (...) Without the Safe-T we would not be able to work at the World Cup at all. According to FIS regulations, all drones positions were inspected every morning.

Stefan Söderström, Aerocam CEO

SOLUTION



Aerocam tethered its DJI M600 with Elistair Safe-T station to increase the UAV autonomy for the 5 days of competition, but also to secure the drone's flight area and ensure the safety of the crowds. All equipment (Safe-T, drone, generator) fitted on a sled and 2 snow mobiles to climb the 1000m slopes, where Aerocam built up a start and landing surface to compensate the slope of the ground.

RESULT OF THE MISSION



After a quick setup the station was powering the drone and streaming footage to SVT and the 700 Million viewers. With a Paralink system reaching up to 600 meters, full HD images of 1080p and 50fps, with 0,1 seconds of latency were sent by fibre to a TV control center after being converted from HDMI/SDI to LAN/IP. The M600 was deployed up to 5 hours per day at temperatures reaching -15°C.



120K Attendees



5 days



-15°C