

# DeltaQuad Evo Advisory

Advisory number: DQA-240627-1  
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Intended Audience: DeltaQuad Evo operators  
Severity: Medium

## Change in Standard Operating Procedure for DeltaQuad Evo Landings

The minimum transition altitude for the landing stage of the DeltaQuad Evo has been revised. Previously, the standard operating procedure (SOP) specified a minimum transition altitude of 25 meters above the intended landing point. The updated SOP now mandates a minimum transition altitude of 25 meters above the highest obstacle that could potentially intersect the flight path.

### Key Points:

- **Obstacle Consideration:** During the descent stage, any obstacles such as trees or buildings that may cross the flight path must be considered. A vertical separation of at least 25 meters above these obstacles is required.
- **Example:** If the flight path intersects with trees of 10 meters in height, the transition altitude must be at least 35 meters to ensure the minimum vertical separation is maintained.

### Background Information:

It has been observed that under certain atmospheric or weather conditions, the DeltaQuad Evo may descend several meters below the target altitude before correcting its altitude. This behavior increases the risk of the vehicle impacting obstacles when insufficient vertical separation is applied.

This procedural update is crucial to enhancing the safety and reliability of DeltaQuad Evo operations. All operators must adhere to the revised SOP to prevent potential incidents during the landing phase.

The revised sections of the Operations Manual can be found here:

<https://docs.deltaquad.com/evo/flight/planning-a-mission/mission-end-action#orbit-point>

<https://docs.deltaquad.com/evo/flight/pre-flight-checks>

<https://docs.deltaquad.com/evo/flight/planning-a-mission/best-practices-and-tips>

## Implementation

The actions outlined in this advisory are effective immediately.

Should you have any questions or concerns regarding this advisory please feel free to contact DeltaQuad support.