

## Follow-up Action on Occurrence Report

**ACCIDENT TO DJI MATRICE 210 UAS (0G0DF8F0240057) AT TEMPLE NEWSAM, LEEDS,  
YORKSHIRE ON 16 MARCH 2019**

**CAA FACTOR NUMBER** : F1/2020  
**FACTOR PUBLICATION DATE** : 03 March 2020  
**TYPE OF FLIGHT** : Commercial Operation  
**CAA OCCURRENCE NUMBER** : 201904781  
**AAIB REPORT** : EW/C2019/03/02

### **SYNOPSIS**

From the AAIB report

The DJI Matrice 210 small unmanned aircraft was being operated commercially to record video footage of an outdoor athletics event. The pilot started to position the aircraft back towards the landing site due to an increase in the rainfall. The pilot then saw the aircraft “wobble” slightly and as it neared the landing site it flipped over before descending rapidly to the ground from a height of about 3 m (10 ft). No one was injured. During the accident flight the aircraft had been operating at heights of up to about 30 m (100 ft) near to, and above people on the ground. This investigation reviewed other similar accidents and the risk of injury to people on the ground.

### **FOLLOW UP ACTION**

#### **Safety Recommendation 2020-001**

It is recommended that the Civil Aviation Authority notify users of the DJI Matrice 200 series of the possibility of moisture entering the aircraft when operating in rain and that this could result in a sudden loss of control of the aircraft.

#### **CAA Response**

The CAA accepts this Recommendation. CAA Safety Notice SN-2020/001 “Small Unmanned Aircraft - Water Ingress” was published on 16<sup>th</sup> January 2020. The Safety Notice highlights the issue of water ingress to all types of Unmanned Aircraft Systems and not just specifically for the DJI Matrice 200 series.

#### **CAA Status – Closed**

Cont.

## **Safety Recommendation 2020-002**

It is recommended that the Civil Aviation Authority specify the conditions that must be met for an unmanned aircraft to be flown safely over people.

### **CAA Response**

The CAA accepts this Recommendation. CAA Safety Notice SN-2020/002 “Small Unmanned Aircraft - Overflight of Uninvolved People” was published on 16<sup>th</sup> January 2020. This Safety Notice strongly recommends guidance to remote pilots when flying small unmanned aircraft over uninvolved people.

### **CAA Status – Closed**

End