



Mine Kafon

Test results: MKSensor_02 test flight
Date and time: 08-08-2019, 15:00
Location: Maastricht, Lanakerweg, in the fields close to the Belgian border
Sensortype: Mine Kafon Sensor_02

Software used: MK Processing software and Visualisation software
Flight info: Manta drone, with sensor add-on

Flight Specs: Altitude: 30 cm height
Speed: 5 to 10 km/h
Area: 15 by 15 meters
Flight time: +- 2 minutes

Number of tests: 2

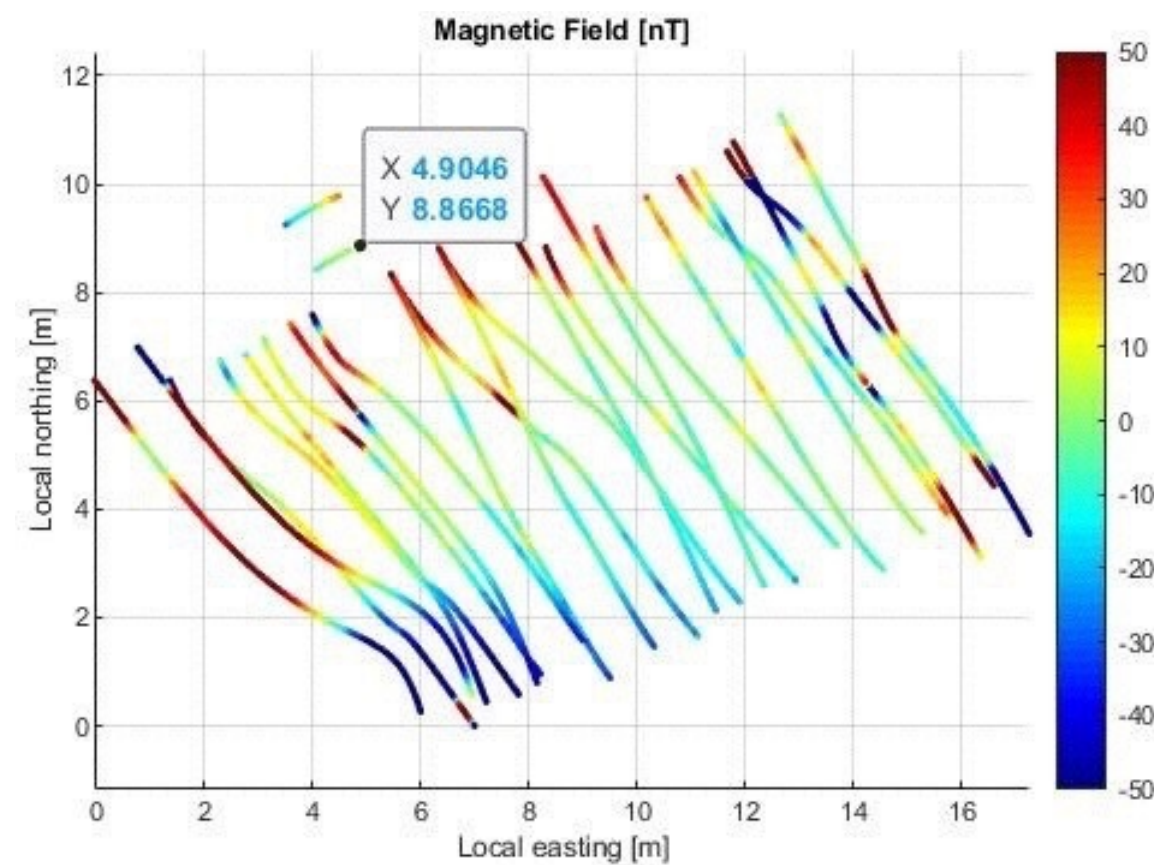


Session 1

This area was flown over with the Mine Kafon Drone equipped with our MK Sensor_02.

The flight time was less than 2 minutes. The hovering height was 30 cm above the ground. The ground type was flat with a bit of vegetation.

In the corners of this area we have hidden some metal objects to be detected.



picture 1

Picture 1

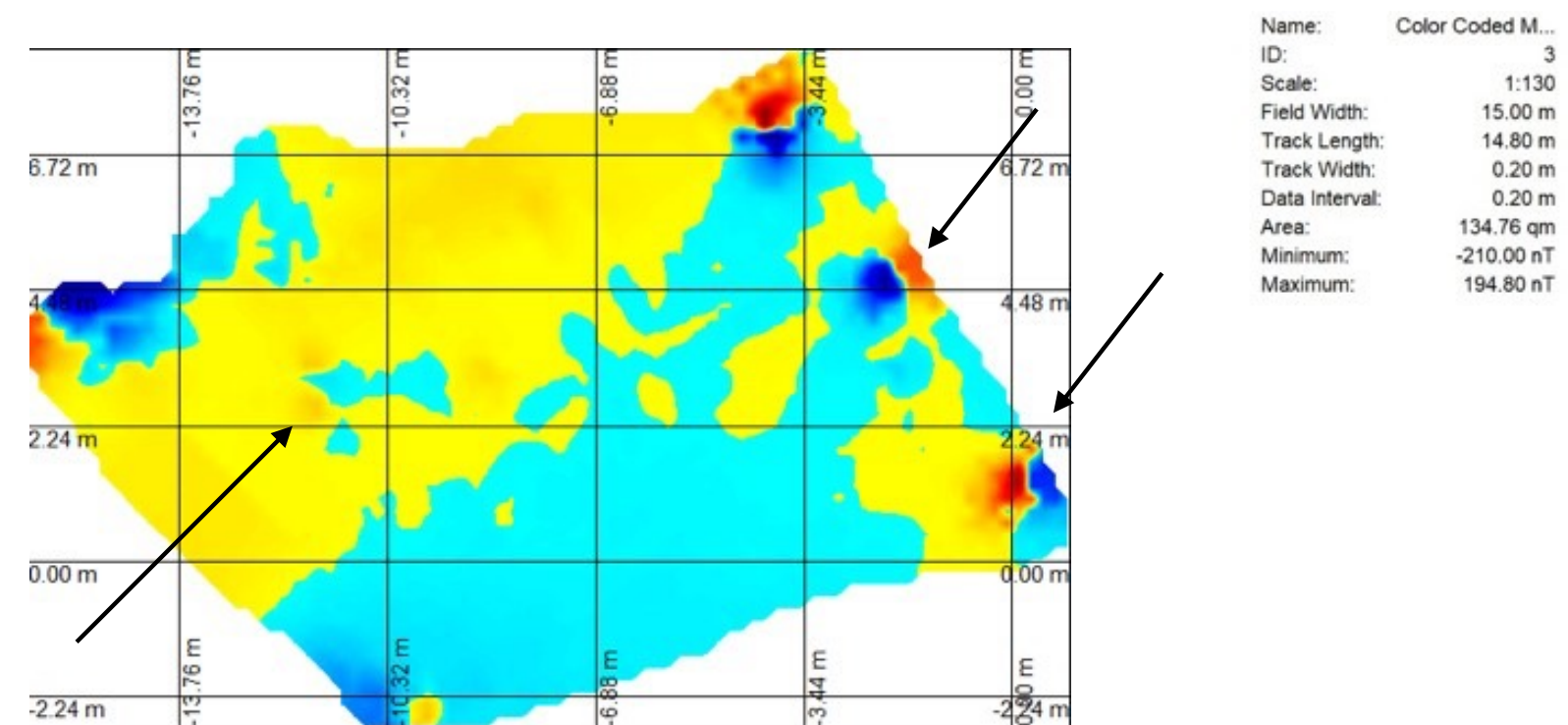
In the 1st picture we can see a rough data of the area. Here we can also see the movement pattern of the drone.

Picture 2

In the second image we can clearly see the red marks mapped by the visualisation software.

The actual size of the detected objects is about 10 to 20 cm.

In the middle of the area we have also hidden some screws, which you can see in a light red colour.



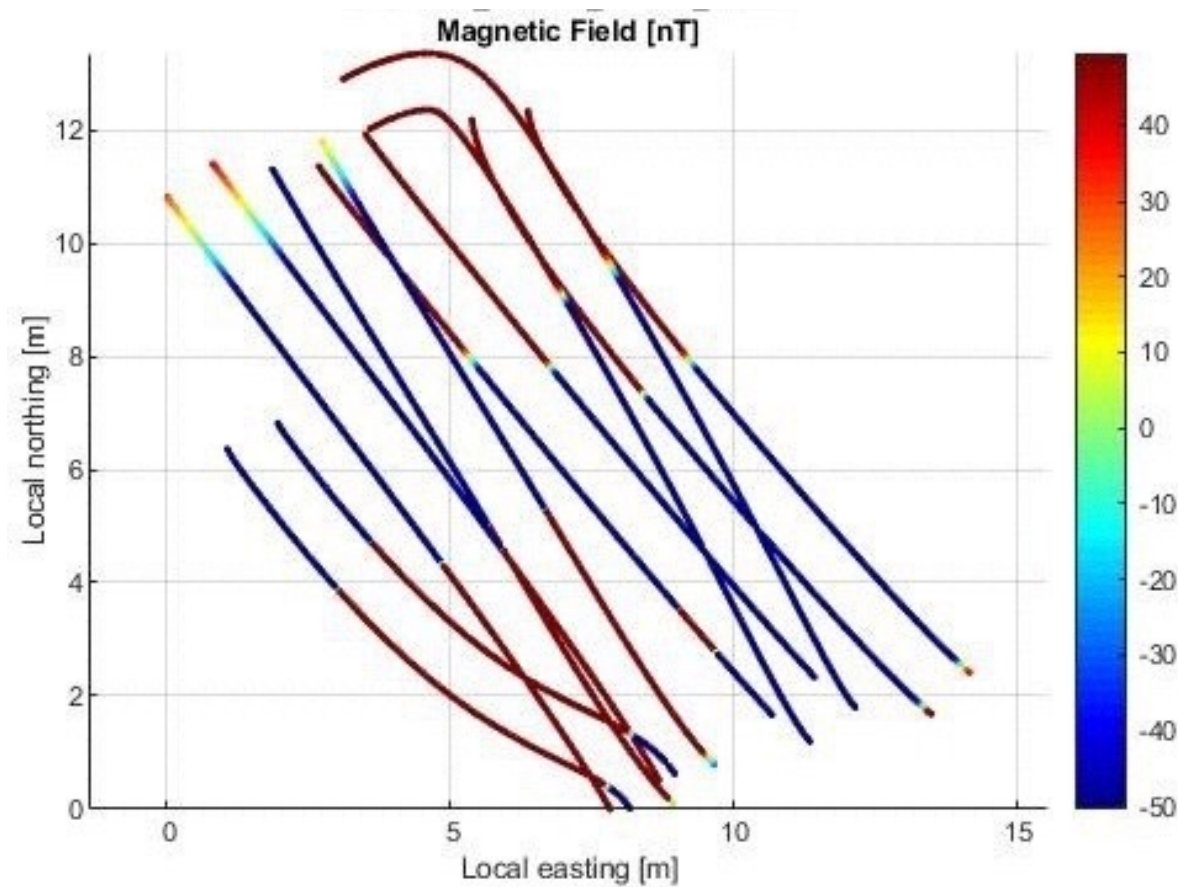
picture 2

Session 2

This area was flown over with the Mine Kafon Drone equipped with our UXO Sensor_02.

The flight time was 1:30 minutes. The hovering height was 2.5 meters above the ground. The ground type was flat with a bit of vegetation.

In the bottom left of this corner, a pickup car was parked.



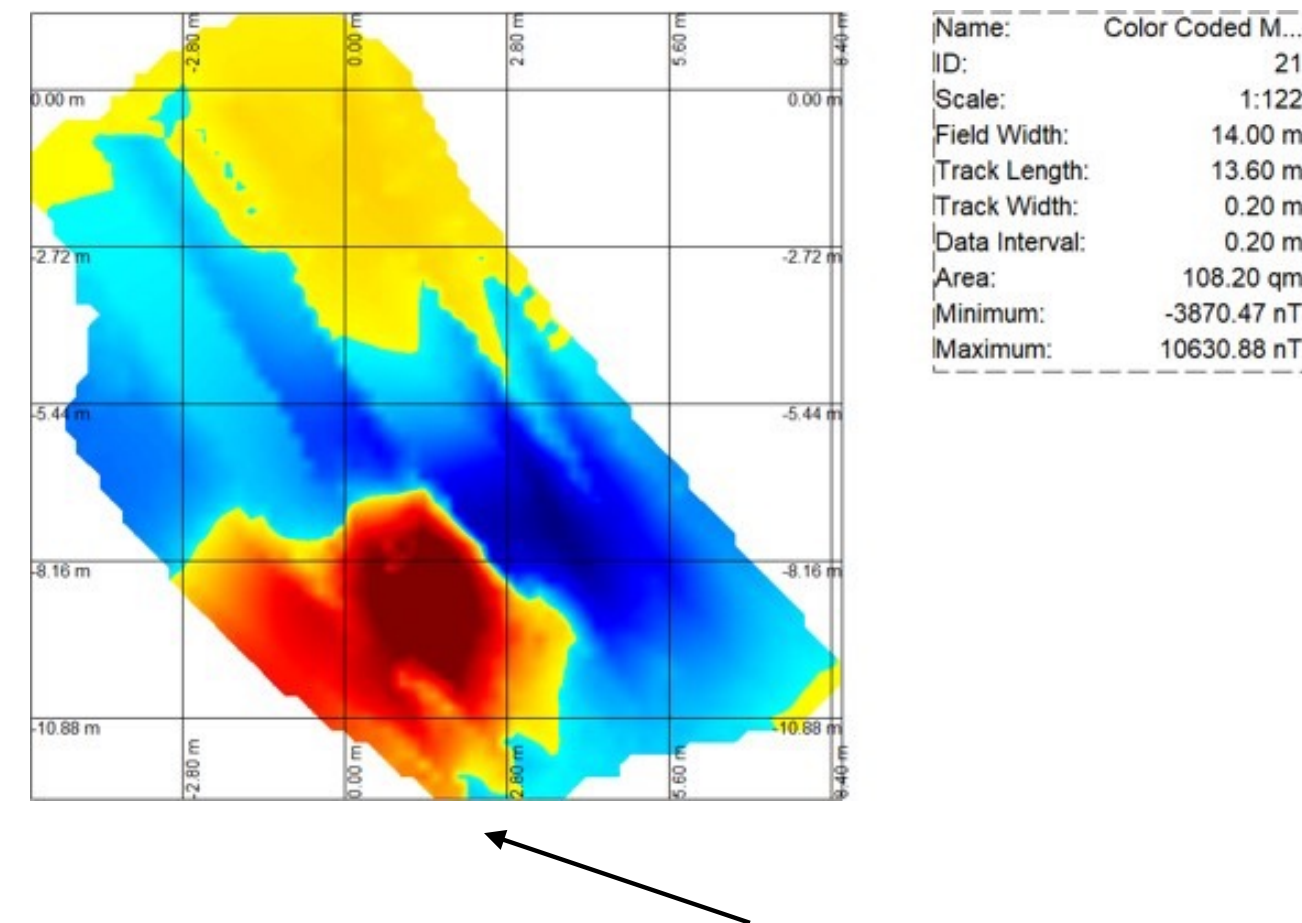
picture 3

Picture 3

In the 3rd picture we can see a rough data of the area. Here we can see also the movement pattern of the drone.

Picture 4

In the fourth image we can see clearly the deep red colour mapped by the visualisation software. The detected object was a pickup car.



picture 4