



SI 10/16



Date : 27 August 2016
Type : DHC6-400
Registration : 9M-SSB
Operator : MASwings
Fatality : 0
Nature : Aircraft veered off runway on landing
Location : Marudi Airfield, Sarawak

SUMMARY

On the 27 August 2016, a MASwings Viking DHC6-400, flight number MH3568 was on approach for a landing in Marudi STOLport. It was 1545LT when the flight was cleared to land using Runway 10. Wind reported by Air Traffic Controller (ATC) was 290°/04 knots.

The aircraft main wheel touched down using main wheel 300 meters from the beginning of edge Runway 10. Nose wheel touched down 179 meters after main wheel touchdown point relatively on the centerline of the runway. Tire marks of the nose wheel touch down point is visible. A long line following the nose wheel tire marks is evident on the runway, with seven dark spots along the line. The seven dark spots are strangely-uniform 2.2 meters apart. The cause is yet to be identified. The tire marks show the aircraft starts to veer to the left 18 meters after the nose wheel touchdown point. According to the tire marks, the aircraft skidded 72 meters before leaving the runway, onto the grass. Hence, the aircraft skidded to the opposite direction; to the right, before it came to a halt, 28 meters from runway centerline. 3 meters of aircraft tail was out of the airport fence, but not hitting it as it is 3 inches higher.

CAUSE

Undetermined.

SAFETY RECOMMENDATIONS

It is recommended that:

1. Nose wheel centering marking on the control column to use other colors than white to assist pilot assessing the position of nose-wheel tiller.
2. To review the assembly and mechanical nose-wheel centering mechanism.