

Fekadu Assefa

Wildlife hazards at Airports. Wildlife and the Aviation Industry in Ethiopia

Master's Thesis

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Wildlife Hazard on Aviation Industry at Bole International Airport,
Addis Ababa, Ethiopia.

BY: Fekadu Assefa Teshome

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Abstract

Effect of wildlife hazard on aviation industry at Bole International Airport, Addis Ababa, Ethiopia.

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Different wildlife's commonly causes damage to aviation industry around the world. This study assessed the effect of wildlife hazard on the aircraft operation at Bole International Airport, Addis Ababa, Ethiopia. Focus group discussion, key informant interview, point count and transect count method were employed to gather relevant data. The study findings recorded about 70 species of wildlife including plants during the study period. The study results illustrated that some of the wildlife animals (e.g., wildlife, mammals, reptiles and amphibians) either living in or visiting the airport have often caused threats to aircraft operation in the airport directly or indirectly. Only between 2014 and 2018, 416 strikes were reported at the airport. Highest number of strikes recorded in November during sunny days. The total amount of cost due to wildlife strike for the last six years was estimated at 4, 768,310.00 USD. Thus, it is recommended that Addis Ababa Bole International Airport should establish proactive systematic approach to deal with wildlife hazard than reactive or traditional approach.

Keywords: Aircraft, Airport ,Aviation, Wildlife, Hazard, Wildlife strike

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