



**REPUBLIC OF NAMIBIA
MINISTRY OF WORKS AND TRANSPORT**

**Directorate of Aircraft Accident and Incident
Investigations**

**Aircraft Accident Investigation Preliminary
Report**

RELEASE DATE: 05TH NOVEMBER 2024

Aircraft Accident Preliminary Report

DESCRIPTION OF OCCURRENCE: Propeller separated in flight.

TYPE OF OPERATION: PRIVATE.

AIRCRAFT TYPE: Jabiru 4 (V5-UKT)

LOCATION: GPS: 5NM NE of Wlotzkas Baken

DATE AND TIME: 2024/10/05 (1615 UTC).

Introduction

The information contained in this Preliminary Occurrence Report is published to inform the Minister responsible for Aviation and the public of the general circumstances of the accident that occurred on 2024/10/05.

The purpose of the Directorate of Aircraft Accident and Incident Investigations (DAAII) is to promote aviation safety through the conduct of independent investigations without prejudice to any judicial or administrative authority consistent with provisions of the Namibian Civil Aviation Act, Act 6, of 2016. This is in line with provisions of ICAO's Annex 13 paragraphs 7.1 and 7.2.

Note: The information provided herein is of a preliminary nature. Readers are cautioned that there is the possibility that new information may become available that alters this Preliminary Report prior to the availability of the Final Report.

Name of Owner/Operator : DM VISSER
Manufacture : JABIRU Aviation
Model : JAB4
Nationality : Namibian
Registration : V5 -UKT
Location : 5NM NE of Wlotzkas Baken
Date : 05th Oct, 2024. Time: 16:15 UTC

Purpose of the Investigations:

In terms of the Namibian Civil Aviation Act (Act No. 6 of 2016) and ICAO Annex 13, this report was compiled in the interest of the promotion of aviation safety and the reduction of risk of aviation accidents or incidents and **not to establish blame or legal liability.**

History of the flight

On the 5th of October 2024, a Namibian registered Jabiru J430 aircraft got airborne from ONDULI for a private flight to Swakopmund. The pilot and his one passenger were on board the aircraft.

While en-route from Onduli to Swakopmund, south of the Brandberg, the pilot noted an unusual vibration originating from the engine area. Upon reaching a position abeam Henties Bay, the vibration intensified, developing into a “resonance-type” vibration that lasted approximately two seconds before the propeller detached from the aircraft.

Following the propeller loss, the engine ceased operating, and the pilot executed shutdown procedures. Assessing the terrain below, the pilot located a suitable landing area and communicated with V5-UFW, which was in the Swakopmund circuit, to relay the situation, reporting the propeller detachment and subsequent descent east of Wlotzkas Baken. The aircraft was then safely landed on a service road on the eastern side of a pipeline, north of the Orano water plant.

Due to a sharp curve in the road, the pilot opted to continue straight, running off the road onto uneven ground. Using full backstick, the pilot aimed to preserve the nose gear during the rough landing. After coming to a stop, both occupants disembarked without injury.

A Full investigation is still underway and a report will be issued after a thorough analysis.



Photo 1. Aircraft next to the service road.

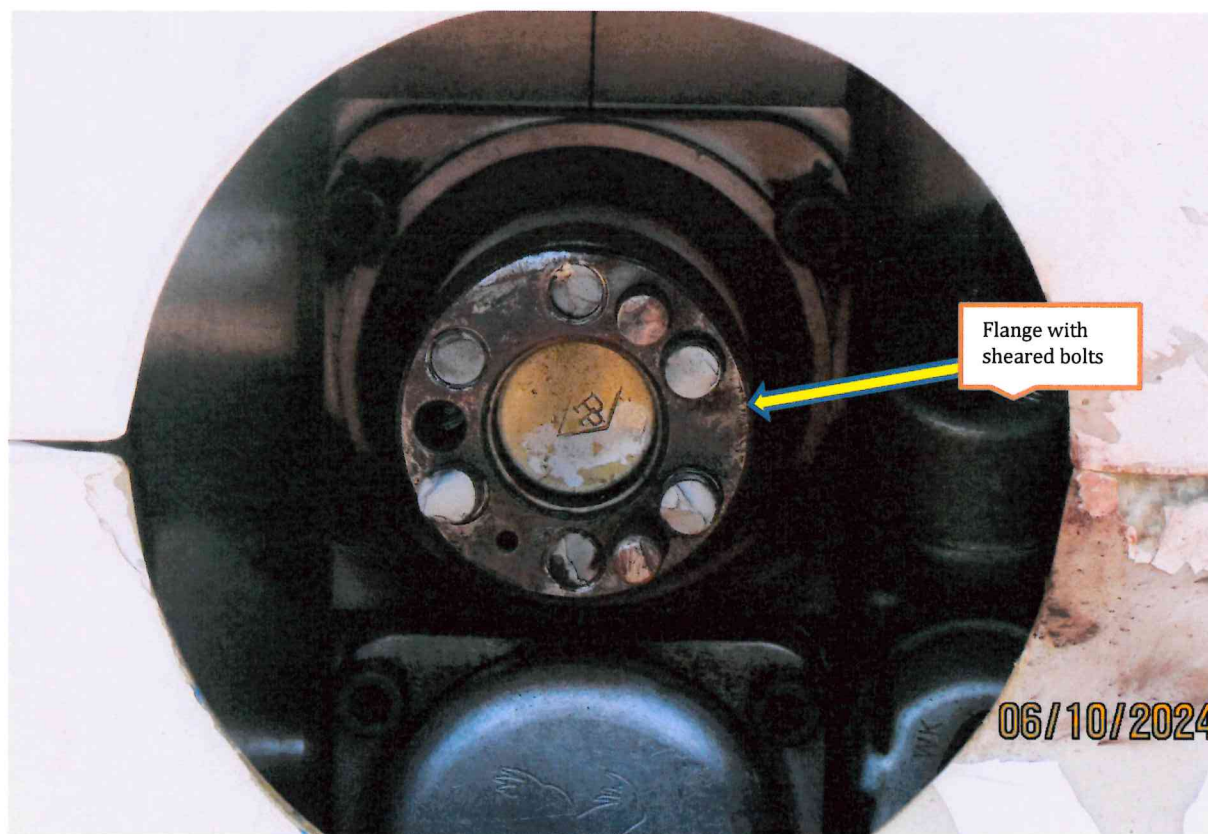


Photo 2 Photo Propeller Flange with sheared off bolt.

INJURIES TO PERSONS

The pilot managed to land the aircraft safely on a dirt road in the desert. No injuries were reported.


ONSITE EXAMINATION

An inspection of the aircraft revealed the following damage: the propeller was missing, causing some impact damage to the engine cowling, and minor delamination was observed on the right-hand landing gear

FINDINGS


Although the investigation is ongoing, the following findings have been made:

- 1 The pilot's license and medical certificate were valid at the time of the accident.
2. Until the day of the accident the pilot had flown more than 480 hours on type and more than 34 hours within the last 28 days.


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Hafeni Mweshixwa
Investigator in Charge
DAAII

Date: 5 NOV 2024

Released by:


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Philippine Lundama
Acting Director: DAAII

Date: 5 Nov 2024