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Our Ref: AIC 25-R02/24-1002

Safety recommendation: AIC 25-R02/24-1002

Addressed to: Kobio Aviation Limited

Date issued: 28 April 2025

Investigation link: AIC 24-1002

Action status: Issued

Introduction

On 19 October 2024 at 16:05 local time (06:05 UTC), the AIC was notified by NiuSky Pacific about an occurrence that had occurred on the same day at 15:00 local time (05:00 UTC). The occurrence involved a De Havilland Aircraft of Canada Ltd DHC-6-300 Twin Otter aircraft registered P2-KAL, owned by ASHE Aircraft Enterprises Limited, and operated by Kobio Aviation Limited.

The AIC immediately began gathering information pertinent to the occurrence and commenced an investigation into the occurrence.

Occurrence

On 19 October 2024, at 15:00 local time (05:00 UTC), a De Havilland Aircraft of Canada Ltd DHC-6-300 Twin Otter aircraft registered P2-KAL, owned by ASHE Aircraft Enterprises Limited, and operated by Kobio Aviation Limited, was conducting a VFR charter flight from Kairik Airport, Enga Province to Mt. Hagen Airport, Western Highlands Province, Papua New Guinea, when during the takeoff roll, it experienced a runway excursion and rolled into a drainage ditch which runs along the left side of the runway and impacted the embankment.

Safety deficiency description

There are no clearly defined CRM guidelines in the operators relevant manuals providing guidance to enhance safety, improve communication, promote teamwork, support better decision making, reduces task saturation, build situational awareness and improves crew response to emergencies and ensure flight crew are prepared to manage their responsibilities and maintain safety during critical stages of the flight which includes take-off.

Recommendation number AIC 25-R02/24-1002 to Kobio Aviation Limited

The PNG Accident Investigation Commission recommends that Kobio Aviation Limited,

- a) revise its relevant manuals to provide explicit and structured guidance on CRM, including crew roles and responsibilities, communication protocols, decision-making processes, leadership, and teamwork.*
- b) ensure that all flight crew are assessed during flight checks on CRM elements, should Kobio amend its manuals pursuant to part (a), specifically:*
 - 1) Crew Communication*
 - 2) Decision-making*
 - 3) Leadership and teamwork*

Action requested

The AIC requests that Kobio Aviation Limited note recommendation AIC 25-R02/24-1002 and provide a response to the AIC within 90 days of the issue date, but no later than 28 July 2025, and explain (including with evidence) how Kobio has addressed the safety deficiency identified in the safety recommendation.

STATUS: ISSUED.



Maryanne J. Wal

Chief Commissioner

28 April 2025