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**CABY**

**24-2014**

**CIVIL  
AVIATION  
BYE-LAW**

# **AIRBORNE COLLISION AVOIDANCE SYSTEM (ACAS II) REQUIREMENTS**

Document No.: CABY 24/2014

17<sup>th</sup> December 2014

**PREAMBLE:** These Bye-Laws are made by the Civil Aviation Authority of Botswana with the approval of the Minister of Transport and Communications under Section 8 (2) of the Civil Aviation Act, 2011.

**CITATION:** These Bye Laws may be cited as the Civil Aviation Authority of Botswana (Airborne Collision Avoidance System (ACAS II) Requirements) Bye Laws.

## 1. PURPOSE

The purpose of this Civil Aviation Bye-Law (CABY) is to clarify the requirements for Airborne Collision Avoidance System (ACAS) found in the Civil Aviation Regulations.

## 2. APPLICABILITY

This Civil Aviation Directive (CAD) shall apply to operators of Botswana registered aircraft.

## 3. EFFECTIVITY

This Civil Aviation Bye-Law (24-2014) shall be deemed to have commenced on 1<sup>st</sup> January 2015.

## 4. REFERENCES

- Civil Aviation (Equipment and Instruments) Regulations 30

## 5. REQUIREMENTS

- 5.1 From 1 January 2005, all turbine-engined aeroplanes of a maximum certificated take-off mass in excess of 5 700 kg or authorized to carry more than 19 passengers shall be equipped with an airborne collision avoidance system (ACAS II).
- 5.2 Annex 6, part 1, appendix 2, 2.1.31 to the International Civil Aviation Organization requires that the policy, instructions, procedures and training requirements for the avoidance of collisions and the use of ACAS to be included in the operational manual.
- 5.3 It is **recommended that** aeroplanes in certified take-off mass in excess of 5700 kg or authorized to carry more than 19 passengers should be equipped with an airborne collision avoidance system (ACAS II). An airborne collision avoidance system shall operate in accordance with the relevant provisions of Annex 10.



**6. GUIDANCE**

This Bye-Law shall be read together with CAAB Operations Advisory Circular (CAA-OPS-AC) No. 010

Approved on this 22<sup>nd</sup> Day of MAY 2018

**Onkokame K. Mokaila**  
**Minister**  
**Ministry of Transport and Communications**

Made on this 22<sup>nd</sup> Day of MAY 2018

**Puseletso G. Moshabesha**  
**Chief Executive Officer**  
**Civil Aviation Authority of Botswana**