

Notice No.

OPSN-03-22

Date:

28 March 2022

Aircraft Equipment Requirements (TCAS II Version 7.1) in accordance with ICAO Annex 6 Part I and Part II



1 INTRODUCTION

1.1 This Operations Notice is to advise visiting aircraft operators that the Bermuda Civil Aviation Authority (BCAA) will be revoking the alternative means of compliance regarding the International Civil Aviation Organization (ICAO) Annex 6 Part I and II Standards and Recommended Practices (SARPs) concerning Airborne Collision Avoidance System (ACAS II). The BCAA will issue a NOTAM with the contents of the below instructions.

2 BACKGROUND

- 2.1 In 2016, a major US air carrier contacted the BCAA regarding Aircraft Equipment Requirements, specifically ACAS II (TCAS II Version 7.1), in relation to ICAO Annex 6.19.1 standard. It was evident that some operators of aircraft registered outside of the United Kingdom Overseas Territories did not and could not meet the standard which was effective 1st of January 2017. However, the operators did meet the requirements of the applicable U.S. CFR and CARs at the time and the BCAA permitted this as a temporary alternative means of compliance.
- 2.2 Information provided by software provider Rockwell Collins indicated that they could not easily provide and install ACAS II for aircraft necessary to meet the Annex Part 6 standard in time for the standard to take effect. As sufficient time has passed since that date, the BCAA has reexamined this alleviation and have concluded that it is no longer acceptable. To maintain BCAA's policy of SARP compliance, visiting aircraft will be required to comply with the ICAO standard concerning Airborne Collision Avoidance System (ACAS II) in accordance with the below instructions.
- 2.3 Further information provided by representatives of the US Air Carriers has highlighted that an inability to meet compliance with the requirement has been exacerbated by supply-chain issues. Due consideration of these challenges and risk factors, supported by supplementary evidence demonstrating the efforts being made by the carriers to address these issues has justified extending the effective date for visiting aircraft to meet the requirement.

3 INSTRUCTIONS

- 3.1 Therefore, the BCAA will be applying the ICAO Annex 6 Part I and II standards concerning ACAS II (TCAS II Version 7.1) beginning the 1st of April 2023 for all visiting civil aircraft as follows:
- Commercial air transport – AOC, FAR 121, FAR 135 and FAR 91K operators (Annex 6 Part I):
 - All turbine-engine aeroplanes of a maximum certificated take-off mass in excess of 5,700 kg (12,500 lbs.) or authorized to carry more than 19 passengers shall be equipped with an ACAS II (TCAS II Version 7.1).
 - Private/General aviation – NCC and FAR 91 operators (Annex 6 Part II):
 - All turbine-engine aeroplanes of a maximum certificated take-off mass in excess of 15,000 kg (33,000 lbs.) or authorized to carry more than 30 passengers, for which the individual airworthiness certificate is first issued after 1 January 2007, shall be equipped with an airborne collision avoidance system (ACAS II).

4 ENQUIRIES

4.1 Enquiries regarding the content of this Notice should be addressed to the Bermuda Civil Aviation Authority. Enquiries can be sent by email to foreignoperatorpermit@bcaa.bm

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