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**OPERATION OF AIRCRAFT**

**GENERAL**

**TCAS/ACAS II**

1. *Compliance with Legislation in respect of Airborne Collision Avoidance Systems.*
  - 1.1 *The Civil Aviation Authority has prepared legislation to enable South Africa to comply with the Standards and Recommended practices contained in Annex 6 (Operation of Aircraft) to the Chicago Convention on International Civil Aviation.*
  - 1.2 *With reference to airborne collision avoidance system ICAO Annex 6, Part 1 Section 8, paragraphs 6.18.1 of Annex 6 lays down the following standard:*
    - (a) *“From January 1<sup>st</sup> 2003, all turbine-engined aeroplanes with a maximum certificated take-off mass exceeding of 15,000 kgs or authorised to carry more than 30 passengers **shall** be equipped with airborne collision systems (ACAS).*
    - (b) *The required legislation enabling South Africa to comply with this standard has not yet been promulgated. This legislation forms part of the proposed 19<sup>th</sup> Amendment of the Civil Aviation Regulations, 1997. As a result the CAA will shortly be filing a difference with ICAO.*
    - (c) *The CAA will advise ICAO that South Africa will not be compliant with Annex 6, Part 1, section 8 paragraph 6.18.1 before 1<sup>st</sup> July 2003.*
    - (d) *The industry is hereby informed that the CAA will enforce compliance with this regulation from the 1<sup>st</sup> July 2003.*
    - (e) *The aforementioned Amendment includes the requirement for aircraft with a maximum certificated take-off mass exceeding of 5,700 kgs or with a maximum approved passenger seating configuration in excess of 19 passengers engaged in commercial air transport operations after 1 January 2005 to be equipped with Airborne Collision Avoidance System.*
    - (f) *It has to be pointed out that the ICAO requirement is for aircraft engaged in International Air Transport. However, with the increase of air traffic and the congestion in South African airspace, it is in the interests of public safety that as many aircraft as possible are equipped with an Airborne Collision Avoidance System. This is line with International best practice”.*

**COMMISSIONER FOR CIVIL AVIATION**