



## Trinidad and Tobago Civil Aviation Authority

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# **TTCAA OPERATIONS DIRECTIVE**

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### **Trinidad and Tobago Civil Aviation Authority (TTCAA) Operations Directive TOD-003**

**Date of Issue: 09/05/2016**

**Effective Date: 09/05/2016**

#### **SUBJECT**

1. Use of ATC Transponders on all national and foreign aircraft conducting flight operations in Trinidad and Tobago.

#### **PURPOSE**

2. The purpose of this TTCAA Operations Directive (TOD) is to direct all national and foreign aircraft operators on the requirements to have ATC Transponders switched on for all flights operations in Trinidad and Tobago.

#### **REGULATORY REQUIREMENTS**

3. (a) This TOD is issued in accordance with the provisions of regulation 3. (6) (aa) of the Civil Aviation [(No. 1) General Application and Personnel Licensing] Regulations, 2004.  
  
(b) *Pressure Altitude Reporting Transponder*

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72. (1) An operator of an aeroplane or helicopter engaged in commercial air transport operations shall ensure that the aeroplane or helicopter is equipped with a pressure-altitude reporting transponder which operates in accordance with the relevant provision of Volume IV of Annex 10 to the Convention on International Civil Aviation.

(2) Aeroplanes specified under subregulation (1) for which the individual certificate of airworthiness is first issued after 1st January 2009, shall be equipped with a data source that provides pressure-altitude information with a resolution no greater than 7.26 metres or 25 feet.

(3) After 1<sup>st</sup> January, 2012, an operator of an aeroplane engaged in commercial air transport operations shall ensure that the aeroplane is equipped with a data source that provides pressure-altitude information with a resolution no greater than 7.26 metres or 25 feet.

(4) An operator of an aircraft or helicopter not engaged in commercial air transport operations shall ensure that the aeroplane or helicopter is equipped with a pressure-altitude reporting transponder which operates in accordance with the relevant provision of Volume IV of Annex 10 to the Convention on International Civil Aviation.

(5) Where the situation warrants such action, the Director General may recommend the Authority exempt an operator from the requirements of subregulation (4).

#### **APPLICABILITY**

4. This TOD is applicable to all national and foreign aircraft conducting flights operations in Trinidad and Tobago.

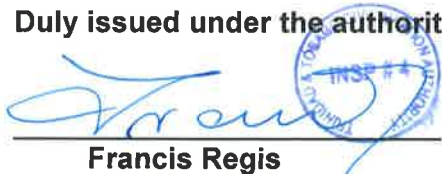
#### **BACKGROUND**

5. Where an aircraft ATC Transponder is switched on, aircraft position and height information are transmitted to an Air Traffic Controller who uses this information for maintaining safe separation distances between such aircraft and other aircraft operating in the airspace. It also enables other aircraft equipped with TCAS / ACAS systems to detect and avoid a collision with that aircraft.

#### **ACTIONS REQUIRED BY AIRCRAFT PILOTS**

6. A pilot of a national or a foreign aircraft conducting flight operations in Trinidad and Tobago shall, prior to commencement of a flight, ensure that an ATC Transponder on his aircraft is switched on and kept switched on for the entire flight.

Duly issued under the authority of -



**Francis Regis**  
/s/ Director General, Civil Aviation