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## GOVERNMENT NOTICES

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### DEPARTMENT OF TRANSPORT

No. R. 1233

20 December 2007

#### AVIATION ACT, 1962 (ACT NO 74 OF 1962)

#### THIRTIETH AMENDMENT TO THE CIVIL AVIATION REGULATIONS, 1997

The Minister of Transport has under section 22(1) of the Aviation Act, 1962 (Act No 74 of 1962) made the regulations in the Schedule hereto.

#### SCHEDULE

##### Definition

1. In these regulations unless the context otherwise indicates "the Regulations" means the Civil Aviation Regulations, 1997, published by Government Notice No R.1219 of 26 September 1997 and R.1255 of 17 October 1997, as amended by Government Notice No R. 1735 of 24 December 1997, Government Notice No R. 1041 of 14 August 1998, Government Notice No R. 1148 of 18 September 1998, Government Notice No R. 1664 of 14 December 1998, and Government Notice No R. 1701 of 31 December 1998, Government Notice No 1702 of 31 December 1998, Government Notice No R.639 of 21 May 1999, Government Notice No R. 170 of 17 February 2000, Government Notice No R. 171 of 18 February 2000, Government Notice No R. 558 of 22 June 2001 Government Notice No R. 559 of 30 August 2002, Government Notice No R. 1367 of 15 November 2002, Government Notice No R. 1368 of 15 November 2002, Government Notice No 1369 of 15 November 2002, Government Notice No R. 1370 of 15 November 2002, Government Notice No R. 1371 of 15 November 2002, Government Notice No R. 1372 of 15 November 2002, Government Notice No R. 434 of 28 March 2003, Government Gazette No 435 of 28 March 2003 Government Gazette No R.1375 of 1 October 2003 and Government Gazette No R.1340 of 31 March 2004, Government Notice No R.807 dated 4 August 2006, Government Notice No R. 1371 dated 28 December 2006, Government Notice No R. 364 dated 26 April 2006, Government Notice No R. 571 dated 13 July 2007, Government Notice No R. 572 dated 13 July 2007, Government Notice No R. 573 dated 13 July 2007, and Government Notice No R. 574 dated 13 July 2007.

##### Amendment of Part 1 of the Regulations

2. Regulation 1.00.1 of the Regulations is herewith amended by—
  - (a) the insertion of the following definitions after the definition of "aircraft":

“**aircraft avionics**” means an electronic device, including its electrical part, for use in an aircraft, including radio, automatic flight control and instrument systems;

**'aircraft certificated for single-pilot operation'** means a type of aircraft which the State of Registry has determined, during the certification process, can be operated safely with a minimum crew of one pilot;"

**'aircraft required to be operated with a co-pilot'** means a type of aircraft that is required to be operated with a co-pilot, as specified in the flight manual or by the air operator certificate;"

- (b) the insertion of the following definition after the definition of "aircraft stand taxilane":

**"'aircraft — type'** means all aircraft of the same basic design including all modifications thereto except those modifications which result in a change in handling or flight characteristics;"

- (c) the insertion of the following definition after the definition of "air navigation infrastructure":

**"'airmanship'** means the consistent use of good judgment and well developed knowledge, skills and attitudes to accomplish flight objectives;"

- (d) the insertion of the following definition after the definition of "approved":

**"'approved maintenance organization'** means an organization approved by the Commissioner in terms of Part 145, or by a Contracting State, to perform maintenance of aircraft or parts thereof, and operating under supervision of the appropriate Authority;"

- (e) the insertion of the following definition after the definition of "approved person":

**"'approved training'** means training conducted under special curricula and supervision approved by a Contracting State that, in the case of flight crew members, is conducted within an approved training organization;"

- (f) the insertion of the following definition after the definition of "certificate of proficiency":

**"'certify as airworthy (to)'** means to certify that an aircraft or parts thereof comply with current airworthiness requirements after maintenance has been performed on the aircraft or parts thereof;"

- (g) the insertion of the following definitions after the definition of "company":

**"'competency'** means a combination of skills, knowledge and attitudes required to perform a task to the prescribed standard;

“**competency element**” means an action that constitutes a task that has a triggering event and a terminating event that clearly defines its limits, and an observable outcome;

“**competency unit**” means a discrete function consisting of a number of competency elements;”;

- (h) the insertion of the following definition after the definition of “courier service”:

“**credit**” means recognition of alternate means or prior qualifications;”;

- (i) the insertion of the following definition after the definition of “ensure”:

“**error**” as used in the context of operating an aircraft means an action or inaction by the flight crew that leads to deviations from organisational or flight crew intentions or expectations;

“**error management**” means the process of detecting and responding to errors, as defined, with countermeasures that reduce or eliminate the consequences of errors, and mitigate the probability of further errors or undesired aircraft conditions;”;

- (j) the insertion of the following definition after the definition of “flight level”:

“**flight plan**” means specified information provided to air traffic services units, relative to an intended flight or portion of a flight of an aircraft;

“**flight procedures trainer**”: See Flight Simulation Training Device (FSTD);”;

- (k) the insertion of the following definition after the definitions of “flight recorder”:

“**flight simulation training device (FSTD)**” means any one of the following three types of apparatus in which flight conditions are simulated on the ground:

- (i) A flight simulator, which provides an accurate representation of the flight deck of a particular aircraft type to the extent that the mechanical, electrical, electronic, etc. aircraft systems control functions, the normal environment of flight crew members, and the performance and flight characteristics of that type of aircraft are realistically simulated;
- (ii) A flight procedures trainer, which provides a realistic flight deck environment, and which simulates instrument responses, simple control functions of mechanical, electrical, electronic, etc. aircraft

systems, and the performance and flight characteristics of aircraft of a particular class;

- (iii) A basic instrument flight trainer, which is equipped with appropriate instruments, and which simulates the flight deck environment of an aircraft in flight in instrument flight conditions;";
- (l) the insertion of the following definitions after the definitions of "flight time":
  - "**flight time – aeroplanes**" means the total time from the moment an aeroplane first moves for the purpose of taking off until the moment it finally comes to rest at the end of the flight;
  - "**flight time – helicopters**" means the total time from the moment a helicopter's rotor blades start turning until the moment the helicopter finally comes to rest at the end of the flight, and the rotor blades are stopped;
  - "**flight time – glider**" means the total time occupied in flight, whether being towed or not, from the moment the glider first moves for the purpose of taking off until the moment it comes to rest at the end of the flight;";
- (m) the insertion of the following definition after the definition of "instrument flight time":
  - "**instrument ground time**" means time during which a pilot is practicing, on the ground, simulated instrument flight in a synthetic flight trainer approved by the Commissioner;";
- (n) the insertion of the following definition after the definition of "instrument meteorological conditions":
  - "**instrument time**" means instrument flight time or instrument ground time, as defined;";
- (o) the substitution for the definition of "integrated training" of the following definition:
  - "**integrated training**" as used in the context of flight training, means training conducted under special curricula and supervision approved by a Contracting State that, in the case of flight crew members, is conducted within an approved training organization and allows for reduced flight time experience for the issuance of a licence;";
- (p) the insertion of the following definition after the definition of "letter of TSO design approval":
  - "**licensing authority**" means the authority designated by a Contracting State as responsible for the licensing of personnel;";

- (q) the insertion of the following definitions after the definition of “medically compromised passenger”:

“**medical assessment**’ means the evidence issued by a Contracting State that the licence holder meets specific requirements of medical fitness;

“**medical assessor**’ means a physician qualified and experienced in the practice of aviation medicine who evaluates medical reports submitted to the Authority by medical examiners;

“**medical examiner**’ means a physician, with training in aviation medicine and practical knowledge and experience of the aviation environment, who is designated by the Commissioner to conduct medical examinations of fitness of applicants for licences or ratings for which medical requirements are prescribed and in the context of these Regulations refers to the aviation medical examiner designated by the Commissioner in terms of Part 67;”;

- (r) the insertion of the following definition after the definition of “Notice to Airmen”:

“**official examiner**’ means a person designated by the commissioner who may carry out the duties and functions of a Designated Flight Examiner (DFE) as specifically authorised by the Commissioner for a period of not more than 90 days;”;

- (s) the insertion of the following definitions after the definition of “passenger aircraft” :

“**performance criteria**’ means a simple, evaluative statement on the required outcome of the competency element and a description of the criteria used to judge if the required level of performance has been achieved;”;

- (t) the insertion of the following definition after the definition of “pilot-in-command” :

“**pilot (to)**’ means to manipulate the flight controls of an aircraft during flight time and may also be referred to as ‘Pilot Flying’ (PF);”;

- (u) the insertion of the following definition after the definition of “public air transport service”:

“**quality system**’ means documented organisational procedures and policies; internal audit of those policies and procedures; management review and recommendation for quality improvement;”;

- (v) the insertion of the following definition after the definition of “rapid exit taxiway”: