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**AIR NAVIGATION ACT
(CHAPTER 6)**

AIR NAVIGATION (AMENDMENT) ORDER 2010

In exercise of the powers conferred by section 3 of the Air Navigation Act, the Minister for Transport hereby makes the following Order:

Citation and commencement

1. This Order may be cited as the Air Navigation (Amendment) Order 2010 and shall come into operation on 15th May 2010.

Amendment of paragraph 2

2. Paragraph 2 of the Air Navigation Order (O 2) (referred to in this Order as the principal Order) is amended —

(a) by deleting the definition of “aerial work” in sub-paragraph (1) and substituting the following definition:

““aerial work” means an aircraft operation in which an aircraft is used for specialised services such as agriculture, construction, photography, surveying, observation and patrol, search and rescue, and aerial advertisement;”;

(b) by inserting, immediately after the definition of “aircraft material” in sub-paragraph (1), the following definitions:

““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;

“Airworthiness Notice” means an Airworthiness Notice issued under paragraph 7(12);”;

- (c) by deleting the definition of “Air Operator Certificate Requirements (AOCR)” in sub-paragraph (1) and substituting the following definition:

“ “Air Operator Certificate Requirements (AOCR)” means the Air Operator Certificate Requirements issued under paragraph 87(5);”;

- (d) by inserting, immediately after the definition of “authorised person” in sub-paragraph (1), the following definition:

“ “basic instrument flight trainer” means a type of apparatus which is equipped with the appropriate instruments and which simulates the flight deck environment of an aircraft in flight in instrument flight conditions;”;

- (e) by inserting, immediately after the definition of “certificate of release to service” in sub-paragraph (1), the following definition:

“ “certificated for single pilot operation”, when used in relation to an aircraft, means that the aircraft is a type of aircraft which the Chief Executive has determined as being capable of being operated safely with a minimum crew of one pilot;”;

- (f) by deleting the definition of “chief executive officer” in sub-paragraph (1) and substituting the following definition:

“ “Chief Executive” means the Chief Executive of the Authority appointed under section 11 of the Civil Aviation Authority of Singapore Act 2009 (Act 17 of 2009), and includes any person authorised by him to act on his behalf and any person acting in that capacity;”;

- (g) by deleting the definition of “co-pilot” in sub-paragraph (1) and substituting the following definition:

“ “co-pilot” means a pilot serving in any piloting capacity other than as pilot-in-command, but

does not include a pilot who is on board an aircraft for the sole purpose of receiving flight instruction;”;

- (h) by deleting the definition of “flight crew” in sub-paragraph (1) and substituting the following definition:

“ “flight crew” means a crew member, including the pilot, flight engineer, flight navigator and flight radio operator, who is charged with duties essential to the operation of an aircraft during a flight duty period;”;

- (i) by inserting, immediately after the definition of “flight plan” in sub-paragraph (1), the following definition:

“ “flight procedures trainer” means a type of apparatus which provides a realistic flight deck environment and which simulates instrument responses, simple control functions of the mechanical, electrical, electronic and other aircraft systems and the performance and flight characteristics of aircraft of a particular class;”;

- (j) by deleting the definition of “flight simulator” in sub-paragraph (1) and substituting the following definitions:

“ “flight simulation training device” means an apparatus in which flight conditions are simulated on the ground and includes a flight simulator, a flight procedures trainer and a basic instrument flight trainer;

“flight simulator” means a type of apparatus that provides an accurate representation of a flight deck of a particular aircraft type to the extent that the mechanical, electrical, electronic and other aircraft systems control functions, the normal environment of flight crew members, and the performance and flight characteristics

of that aircraft type are realistically simulated;”;

(*k*) by inserting, immediately after the definition of “flight visibility” in sub-paragraph (1), the following definitions:

““glider” means a non-power-driven heavier-than-air aircraft, deriving its lift in flight chiefly from aerodynamic reactions on surfaces which remain fixed under given conditions of flight;

“helicopter” means a heavier-than-air aircraft supported in flight chiefly by the reactions of the air on one or more power driven rotors on substantially vertical axes;

“human performance” means human capabilities and limitations which have an impact on the safety and efficiency of aeronautical operations;”;

(*l*) by deleting the words “Part VI” in the definition of “Instrument Flight Rules” in sub-paragraph (1) and substituting the words “Part I”;

(*m*) by deleting the definition of “maintenance” in sub-paragraph (1) and substituting the following definition:

““maintenance” means the performance of tasks required to ensure the continued airworthiness of an aircraft, including any one, or combination, of the following:

(*a*) overhaul;

(*b*) inspection;

(*c*) replacement;

(*d*) defect rectification;

(*e*) the embodiment of a modification or repair;”;

(*n*) by deleting the words “Singapore Airworthiness Guide (SAG),” in the definition of “notified” in sub-paragraph (1);

- (o) by deleting the definition of “prescribed” in sub-paragraph (1);
- (p) by inserting, immediately after the definition of “public transport of passengers” in sub-paragraph (1), the following definition:

““rating”, in relation to a licence issued under paragraph 11, 20 or 62A, means an authorisation entered on or associated with a licence and forming part thereof, stating special conditions, privileges or limitations pertaining to such licence;”;

- (q) by deleting the definition of “Rules of the Air and Air Traffic Control” in sub-paragraph (1) and substituting the following definition:

““Rules of the Air” means the Rules of the Air contained in the Eleventh Schedule;”;

- (r) by deleting the words “Part V” in the definition of “Visual Flight Rules” in sub-paragraph (1) and substituting the words “Part I”; and
- (s) by deleting sub-paragraph (2) and substituting the following sub-paragraph:

“(2) An aircraft shall be deemed to be in flight —

- (a) in the case of an aeroplane, a pilotless flying machine or glider (whether being towed or not), from the moment it first moves for the purpose of taking off until the moment when it finally comes to rest after landing at the end of the flight;
- (b) in the case of a helicopter or gyroplane, from the moment its rotor blades start turning until the moment when it finally comes to rest after landing at the end of the flight, and the rotor blades are stopped;