

SCHEDULE 10

PUBLIC TRANSPORT—OPERATIONAL REQUIREMENTS

PART B—

CREW TRAINING AND TESTS

1. The training, experience, practice and periodical tests required under article 28(2) of this Order in the case of members of the crew of an aircraft engaged on a flight for the purpose of public transport shall be as follows:

(1) The Crew

Every member of the crew shall:

- (a) have been tested within the relevant period by or on behalf of the operator as to his knowledge of the use of the emergency and life saving equipment required to be carried in the aircraft on the flight; and
- (b) have practised within the relevant period under the supervision of the operator or of a person appointed by him for the purpose, the carrying out of the duties required of him in case of an emergency occurring to the aircraft, either in an aircraft of the type to be used on the flight or in apparatus approved by the Authority for the purpose and controlled by persons so approved.

(2) Pilots

- (a) Every pilot included in the flight crew who is intended by the operator to fly as pilot in circumstances requiring compliance with the Instrument Flight Rules shall within the relevant period have been tested by or on behalf of the operator:
 - (i) as to his competence to perform his duties while executing normal manoeuvres and procedures in flight, in an aircraft of the type to be used on the flight, including the use of the instruments and equipment provided in the aircraft;
 - (ii) as to his competence to perform his duties in instrument flight conditions while executing emergency manoeuvres and procedures in flight, in an aircraft of the type to be used on the flight, including the use of the instruments and equipment provided in the aircraft.

A pilot's ability to carry out normal manoeuvres and procedures shall be tested in the aircraft in flight.

The other tests required by this sub-paragraph may be conducted either in the aircraft in flight, or under the supervision of a person approved by the Authority for the purpose by means of a flight simulator approved by the Authority under article 21(11) of this Order. The tests specified in sub-paragraph (2)(a)(ii) of this paragraph when conducted in the aircraft in flight shall be carried out either in actual instrument flight conditions or in instrument flight conditions simulated by means approved by the Authority.

- (b) Every pilot included in the flight crew whose licence does not include an instrument rating or who, notwithstanding the inclusion of such a rating in his licence, is not intended by the operator to fly in circumstances requiring compliance with the Instrument Flight Rules, shall within the relevant period have been tested, by or on behalf of the operator in flight in an aircraft of the type to be used on the flight:
 - (i) as to his competence to act as pilot thereof, while executing normal manoeuvres and procedures; and

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- (ii) as to his competence to act as pilot thereof while executing emergency manoeuvres and procedures.
- (c) Every pilot included in the flight crew who is seated at the flying controls during take-off or landing shall within the relevant period:
 - (i) have been tested as to his proficiency in using instrument approach-to-land systems of the type in use at the aerodromes of intended landing and any alternate aerodromes, such test being carried out either in flight in instrument flight conditions or in instrument flight conditions simulated by means approved by the Authority or under the supervision of a person approved by the Authority for the purpose by means of a flight simulator approved by the Authority; and
 - (ii) have carried out when seated at the flying controls not less than 3 takeoffs and 3 landings in aircraft of the type to be used on the flight.

(3) Flight Engineers

Every flight engineer included in the flight crew shall within the relevant period have been tested by or on behalf of the operator:

- (a) as to his competence to perform his duties while executing normal procedures in flight, in an aircraft of the type to be used on the flight;
- (b) as to his competence to perform his duties while executing emergency procedures in flight, in an aircraft of the type to be used on the flight.

A flight engineer's ability to carry out normal procedures shall be tested in an aircraft in flight. The other tests required by this sub-paragraph may be conducted either in the aircraft in flight, or under the supervision of a person approved by the Authority for the purpose by means of a flight simulator approved by the Authority.

(4) Flight Navigators and Flight Radio Operators

Every flight navigator and flight radio operator whose inclusion in the flight crew is required under article 19(4) and (5) respectively of this Order shall within the relevant period have been tested by or on behalf of the operator as to his competence to perform his duties in conditions corresponding to those likely to be encountered on the flight:

- (a) in the case of a flight navigator, using equipment of the type to be used in the aircraft on the flight for purposes of navigation;
- (b) in the case of a flight radio operator using radio equipment of the type installed in the aircraft to be used on the flight, and including a test of his ability to carry out emergency procedures.

(5) Aircraft Commanders

- (a) The pilot designated as commander of the aircraft for the flight shall within the relevant period have demonstrated to the satisfaction of the operator that he has adequate knowledge of the route to be taken, the aerodromes of take-off and landing, and any alternate aerodromes, including in particular his knowledge of:
 - (i) the terrain;
 - (ii) the seasonal meteorological conditions;
 - (iii) the meteorological, communications and air traffic facilities, services and procedures;
 - (iv) the search and rescue procedures; and
 - (v) the navigational facilities;relevant to the route.

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- (b) In determining whether a pilot's knowledge of the matters referred to in sub-paragraph (a) is sufficient to render him competent to perform the duties of aircraft commander on the flight, the operator shall take into account the pilot's flying experience in conjunction with the following:
- (i) the experience of other members of the intended flight crew;
 - (ii) the influence of terrain and obstructions on departure and approach procedures at the aerodromes of take-off and intended landing and at alternate aerodromes;
 - (iii) the similarity of the instrument approach procedures and let-down aids to those with which the pilot is familiar;
 - (iv) the dimensions of runways which may be used in the course of the flight in relation to the performance limits of aircraft of the type to be used on the flight;
 - (v) the reliability of meteorological forecasts and the probability of difficult meteorological conditions in the areas to be traversed;
 - (vi) the adequacy of the information available regarding the aerodrome of intended landing and any alternate aerodromes;
 - (vii) the nature of air traffic control procedures and the familiarity of the pilot with such procedures;
 - (viii) the influence of terrain on route conditions and the extent of the assistance obtainable en route from navigational aids and air-to-ground communication facilities; and
 - (ix) the extent to which it is possible for the pilot to become familiar with unusual aerodrome procedures and features of the route by means of ground instruction and training devices.
- (6) For the purposes of this paragraph:
- “instrument flight conditions” means weather conditions such that the pilot is unable to fly by visual reference to objects outside the aircraft;
- “relevant period” means a period which immediately precedes the commencement of the flight, being a period:
- (a) in the case of sub-paragraph (2)(c)(ii) of this paragraph, of 3 months;
 - (b) in the case of sub-paragraphs (2)(a)(ii), (2)(b)(ii), (2)(c)(i) and (3)(b) of this paragraph, of 6 months;
 - (c) in the case of sub-paragraphs (1), (2)(a)(i), (2)(b)(i), (3)(a), (4) and (5)(a) of this paragraph, of 13 months:

Provided that:

- (i) any pilot of the aircraft to whom the provisions of sub-paragraphs (2)(a)(ii), (2)(b)(ii) or (2)(c)(i) and any flight engineer of the aircraft to whom the provisions of sub-paragraph (3)(b) of this paragraph apply shall for the purposes of the flight be deemed to have complied with such requirements respectively within the relevant period if he has qualified to perform his duties in accordance therewith on 2 occasions within the period of 13 months immediately preceding the flight, such occasions being separated by an interval of not less than 4 months;
- (ii) the requirements of sub-paragraph (5)(a) shall be deemed to have been complied with within the relevant period by a pilot designated as commander of the aircraft for the flight if, having become qualified so as to act on flights between the same places over the same route more than 13 months before commencement of the flight, he has within the period of 13 months immediately preceding the flight flown as pilot of an aircraft between those places over that route.