AGK

 $218.\ \mbox{A turbofan engine with an inlet air mass flow of 1000 kg/s and a bypass mass flow$

of 889 kg/s has a bypass ratio of:

A) 17.02

OPERATIONAL PROCEDURES

- 193. According to OPS regulations, in an aeroplane with a maximum configuration of more than 19 passengers, the door between the passenger compartment and the flight deck compartment shall have locking means...
- A) to prevent passengers from opening it without permission of a member of the flight crew.
- B) capable of being locked only from outside the flight deck compartment.
- C) capable of being remotely locked from either inside or outside the flight deck compartment.
- D) capable of being remotely locked by cabin crew from outside the flight deck compartment.
- 194. On a pressurised aeroplane, supplemental oxygen is used to:
- A) assist a passenger with breathing disorders
- B) provide selected passengers with oxygen
- C) protect the aircrew fighting fires
- D) provide passengers on board with oxygen following a cabin depressurisation
- 195. According to OPS regulations, a public address system is required to operate an aeroplane with a maximum approved passenger seating configuration of more than:
- A) 61
- B) 9
- C) 30
- D) 19
- 196. In accordance with OPS regulations, in an aeroplane in which fuses are used, the number of spare fuses available for use in flight must be at least:
- A) 10 of the number of fuses of each rating or 3 of each rating, whichever is the greater
- B) 10 of the number of fuses of each rating or 1 of each rating, whichever is the greater
- C) 5 of the number fuses of each rating or 1 of each rating, whichever is the greater
- D) 20 of the number of fuses of each rating or 2 of each rating, whichever is the greater

RNAV

- 413. What is the effect of FM broadcast stations that transmit on frequencies just below 108 MHz on the performance of ILS.
- A) These transmissions may activate the FM immune filter which results in the appearance of the localizer failure flag.
- B) These transmissions may interfere with the ILS localizer and glide path signals which may lead to erroneous deviation indications.
- C) These transmissions may activate the FM immune filter which results in the appearance of the localizer and glide path failure flag.
- D) These transmissions may interfere with the ILS localizer signal which may lead to erroneous localizer deviation indication.

414. FM broadcast stations transmitting just below 108 MHz are

- A) unlikely to cause any interference to ILS receivers.
- B) likely to cause interference to ILS receivers not equipped with an immunity filter.
- C) causing interference only in extreme cases, affecting exclusively the glide path.
- D) likely to cause interference to all ILS receivers.
- 415. The reason why pre take off holding areas are sometimes further from the active runway when ILS Category 2 and 3 landing procedures are in progress than during good weather operations is...
- A) to increase aircraft separation in very reduced visibility conditions.
- B) to increase distance from the runway during offset approach operations.
- C) aircraft manoeuvring near the runway may disturb guidance signals.
- D) heavy precipitation may disturb guidance signals.
- 416. In which frequency band does the Microwave Landing System MLS operate?
- A) UHF
- B) SHF
- C) VHF
- D) EHF