

## COMMUNICATIONS

1. What does the abbreviation "HX" stand for?

Sunset to sunrise

Sunrise to sunset

24 h service

No specific opening hours

2. In which situations should a pilot use blind transmissions?

When a transmission containing important navigational or technical information is to be sent to several stations at the same time

When no radio communication can be established with the appropriate land station, but when evidence exists that transmissions are received at that ground unit

When the traffic situation at an airport allows the transmission of information which does not need to be acknowledged by the ground station

When a pilot has flown into cloud or fog unintentionally and therefore would like to request navigational assistance from a ground unit

3. Which abbreviation is used for the term "abeam"?

ABE

ABB

ABM

ABA

4. What does the abbreviation "FIS" stand for?

Flashing information system

Flashing information service

Flight information system

Flight information service

5. What does the abbreviation "FIR" stand for?

Flight information region

Flight integrity receiver

Flow information radar

Flow integrity required

6. What does the abbreviation "H24" stand for?

Sunset to sunrise

Sunrise to sunset

24 h service

No specific opening times

7. The altimeter has to be set to what value in order to show zero on ground?

QFE

QNH

QNE

QTE

8. Which altitude is displayed on the altimeter when set to a specific QNH?

Altitude in relation to the 1013.25 hPa datum

Altitude in relation to the air pressure at the reference airfield

Altitude in relation to mean sea level

Altitude in relation to the highest elevation within 10 km

9. Which altitude is displayed on the altimeter when set to a specific QFE?

Altitude in relation to the 1013.25 hPa datum

Altitude in relation to the air pressure at the reference airfield

Altitude in relation to mean sea level

Altitude in relation to the highest elevation within 10 km

10. What does the abbreviation QUJ stand for?

Magnetic bearing to the station

Magnetic bearing from the station

True bearing to the station

True bearing from the station

11. What does the abbreviation "QTE" stand for?

Magnetic bearing to the station

Magnetic bearing from the station

True bearing to the station

True bearing from the station

12. Which Q-code is used for the true bearing to the station?

QDM

QDR

QUJ

QTE

13. Which of the listed radiotelephony messages has a higher priority than a flight safety message?

Communication related to direction finding

Aircraft position report message

Meteorological message

Flight regularity message

14. What is the correct term for a message used for air traffic control?

Message related to direction finding

Flight regularity message

Meteorological message

Flight safety message

15. Distress messages are messages...

concerning aircraft and their passengers which face a grave and imminent threat and require immediate assistance.

concerning the safety of an aircraft, a watercraft or some other vehicle or person in sight.

sent by a pilot or an aircraft operating agency which have an imminent meaning for aircraft in flight.

concerning the operation or maintenance of facilities which are important for the safety and regularity of flight operations.

16. Which of the following messages has the highest priority?

Request QDM

Turn left

QNH 1013

Wind 300 degrees, 5 knots

17. What is the correct way to transmit the call sign HB-YKM?

Home Bravo Yuliett Kilo Mike

Home Bravo Yankee Kilo Mikro

Hotel Bravo Yankee Kilo Mike

Hotel Bravo Yuliett Kilo Mikro

18. An altitude of 4500 ft is transmitted as...

four thousand five hundred.

four five zero zero.

four five thousand.

four thousand five zero zero.

19. The directional information "12 o'clock" is correctly transmitted as...

Twelve o'clock.

One two o'clock.

One two.

One two hundred.

20. After a transmission the other station does not answer. How long should you wait until transmitting again?

10 seconds

20 seconds

30 seconds

5 seconds

21. What is the meaning of the phrase ""Roger""?

I understand your message and will comply with it

I have received all of your last transmission

An error has been made in this transmission. The correct version is...

Permission for proposed action is granted

22. What is the meaning of the phrase "Correction"?

I understand your message and will comply with it

I have received all of your last transmission

An error has been made in this transmission. The correct version is...

Permission for proposed action is granted

23. Which phrase does a pilot use when he / she wants to check the readability of his / her transmission?

What is the communication like?

How do you read?

You read me five

Request readability

24. Which phrase is used by a pilot when he wants to fly through controlled airspace?

Want

Apply

Request

Would like

25. Which phrase is to be used when a pilot wants the tower to know that he is ready for take-off?

Ready for start-up

Ready for departure

Ready

Request take-off

26. What is the call sign of the aerodrome control?

Tower

Airfield

Ground

Control

27. What is the call sign of the flight information service?

Info

Advice

Flight information

Information

28. In what case is the pilot allowed to abbreviate the call sign of his aircraft?

Within controlled airspace

After the ground station has used the abbreviation

If there is little traffic in the traffic circuit

After passing the first reporting point

29. Leaving a control frequency (except when reaching the final parking position)...

must be approved.

must be reported.

is not mandatory to be reported.

must be approved twice.

30. What is the correct way of acknowledging the instruction ""Call Hamburg Tower on 121.275""?

Call tower on 121.275

121.275

Call tower

Call 121.275

31. What does a readability of 1 indicate?

The transmission is unreadable

The transmission is readable now and then

The transmission is readable but with difficulty

The transmission is perfectly readable

32. What does a readability of 2 indicate?

The transmission is unreadable

The transmission is readable now and then

The transmission is readable but with difficulty

The transmission is perfectly readable

33. How long should a test transmission to check the equipment take as a maximum?

5 seconds

10 seconds

15 seconds

20 seconds

34. Which information from a ground station does not require readback?

Runway in use

SSR-Code

Wind

Altitude

35. What is the correct way of acknowledging the instruction "DZF after lift-off climb straight ahead until 2500 feet before turning right heading 220 degrees, wind 090 degrees, 5 knots, runway 12, cleared for take-off"?

DZF after lift-off climb straight ahead 2500 feet, then turn right heading 220, 090 degrees, 5 knots, cleared for take-off

DZF after lift-off climb straight ahead 2500 feet, then turn right heading 220, 090 degrees, 5 knots

DZF after lift-off climb straight ahead 2500 feet, then turn right heading 220, runway 12, cleared for take-off

DZF after lift-off climb straight ahead 2500 feet, wilco, heading 220 degrees, 090 degrees, 5 knots, cleared for take-off

36. What is the correct way of acknowledging the instruction "Next report PAH"?

Roger

Report PAH

Positive

Wilco

37. What is the correct way of acknowledging "You are now entering airspace Delta"?

Entering

Roger

Airspace Delta

Wilco

38. What does a cloud coverage of "SCT" mean in a METAR weather report?

1 to 2 eighths

3 to 4 eighths

5 to 7 eighths

8 eighths

39. What is the correct way to transmit a visibility of 12 km?

12 kilometers

Very good

10 kilometers



Good

40. In what cases is visibility transmitted in kilometers?

Up to 5 km

Greater than 5 km

Up to 10 km

Greater than 10 km

41. What information is broadcasted on a VOLMET frequency?

NOTAMS

Current information

Navigational information

Meteorological information

42. An ATIS is valid for...

10 minutes.

30 minutes.

45 minutes.

60 minutes.

43. Which transponder code indicates a radio failure?

7000

7500

7600

7700

44. What is the correct phrase to begin a blind transmission?

Blind

Transmitting blind

No reception

Listen

45. On what frequency shall a blind transmission be made?

On the current frequency

On the appropriate FIS frequency

On a tower frequency

On a radar frequency of the lower airspace

46. What is the correct course of action when experiencing a radio failure in class D airspace?

The flight has to be continued according to the last clearance complying with VFR rules or the airspace has to be left by the shortest route

The flight has to be continued above 5000 feet complying with VFR flight rules or the airspace has to be left by the shortest route

The flight has to be continued above 5000 feet complying with VFR flight rules or the airspace has to be left using a standard routing

The flight has to be continued according to the last clearance complying with VFR flight rules or the airspace has to be left using a standard routing

47. Distress messages contain...

information concerning urgent spare parts which are required for a continuation of flight and which have to be ordered in advance.

information concerning aircraft and their passengers which face a grave and imminent threat and require immediate assistance.

information concerning the safety of an aircraft, a watercraft or some other vehicle or person in sight.

information concerning the apron personell and which imply an imminent danger to landing aircraft.

48. What is the correct frequency for an initial distress message?

Emergency frequency

Current frequency

FIS frequency

Radar frequency

49. Which phrase is to be repeated three times before transmitting an urgency message?

Mayday

Pan Pan

Urgent

Help

50. Urgency messages are defined as...

messages concerning urgent spare parts which are needed for a continuation of flight and which need to be ordered in advance.

messages concerning aircraft and their passengers which face a grave and imminent threat and require immediate assistance.

messages concerning the safety of an aircraft, a watercraft or some other vehicle or person in sight.

information concerning the apron personell and which imply an imminent danger to landing aircraft.

51. Which of the following frequencies is designated for VHF voice communication?

118.75 MHz

118.75 kHz

327.25 MHz

327.25 kHz

52. What is the correct designation of the frequency band from 118.000 to 136.975 MHz used for voice communication?

LF

MF

VHF

HF

53. Which of the following factors affects the reception of VHF transmissions?

Altitude

Height of ionosphere

Twilight error

Shoreline effect