MOSCOW 2018 Oct

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First...

« I have no conflict of interest »

EASA rules: Part Med.B.080, AMC.B.080

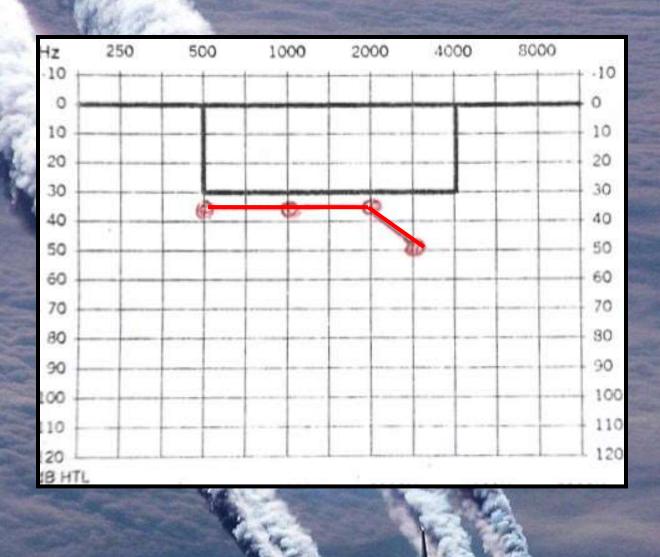
- Class 1(ATPL, CPL)
- Class 2 (PPL -A Hel SPL -Balloon)
- Class 3 (ATCO)
- LAPL (A Hel S Balloon)
- Cabin Crew

EASA requirements:

Class 1, Class 2 IFR, Class 3, Cabin Crew:

- Initial: No hearing loss in each ear, when tested separately, more than 35 dB (HL) at any frequencies 500,1000 and 2000 Hz, or of more than 50 dB (HL) at 3000 Hz
- Revalidation or renewal, applicants with greater hearing loss shall demonstrate satisfactory <u>functional hearing</u> <u>ability in operational environment</u>





EASA requirements:

Class 2:

- Initial: correct understanding conversational speech, each ear separately 2 m back turned

-Revalidation or renewal, applicants with greater hearing loss shall demonstrate satisfactory <u>functional hearing</u> <u>ability in operational environment</u>

-LAPL:

Idem but with both ear.

If not: "functional hearing ability".

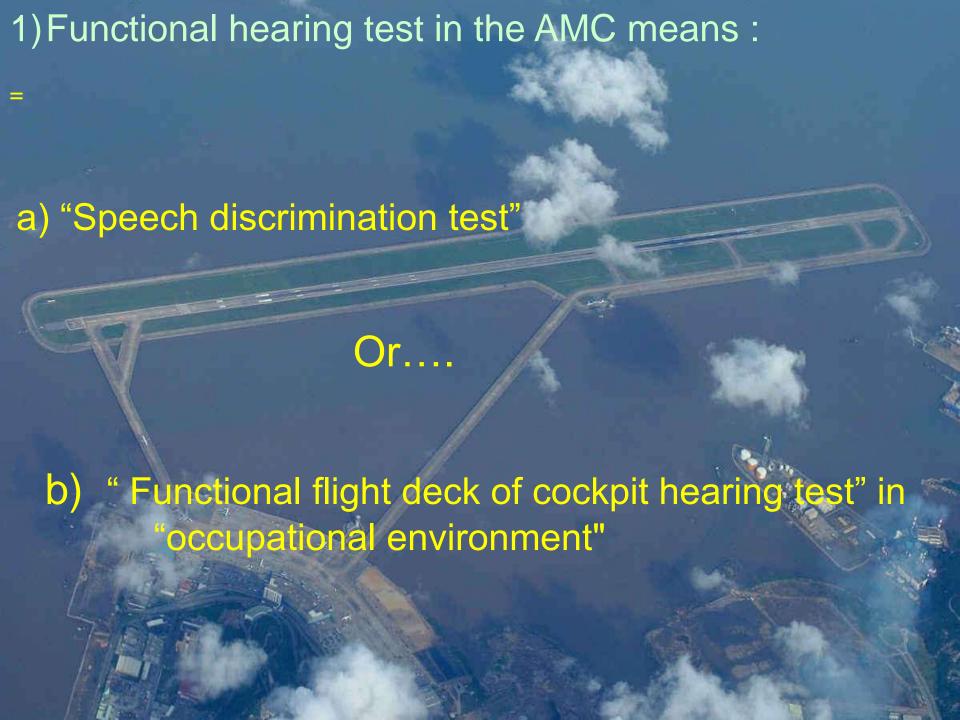


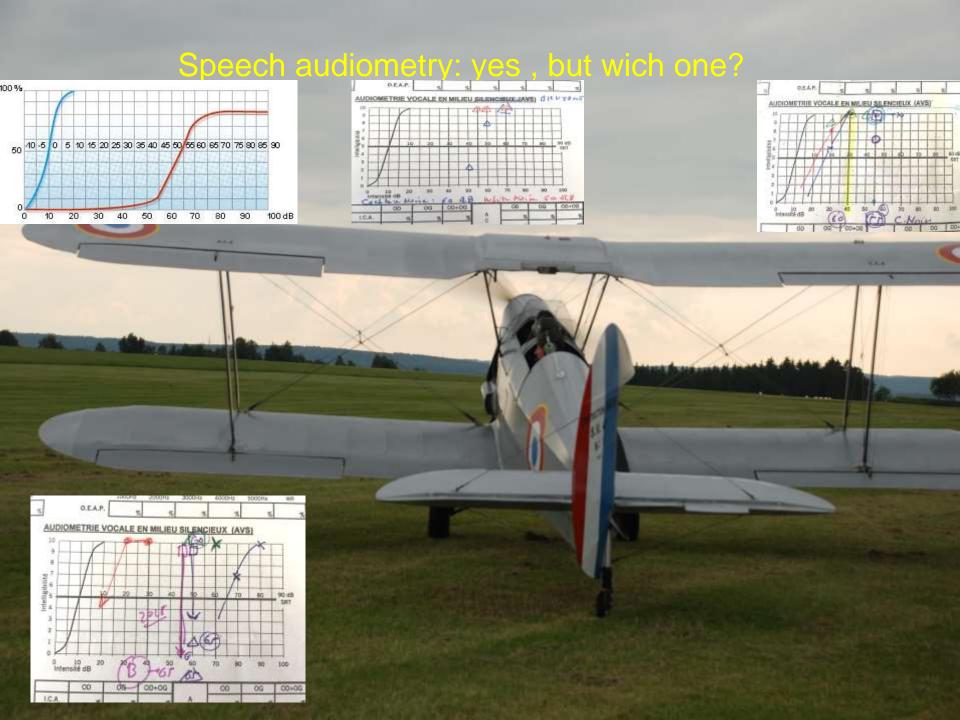
1) What means "functional hearing ability"?

2) Distinction between type of hearing loss?

3)Hearing aids?

4)Pilot Class 2 or LAPL with profound hearing loss: able ?
Fit? Fit to fly?





1) What means "functional hearing ability"?

2) No distinction between type of hearing loss

3) Hearing aids?

1) Pilot Class 2 or LAPL with profound hearing loss: able ?

Fit? Fit to fly?

b) "Functional flight deck of cockpit hearing test" or "occupational environment"

a) Flight test with examiner?: ... expensive.....

b) Our process: Aerosound. What means this test?





FLIGHT TEST?OR





b) "Functional flight deck of cockpit hearing test" or "occupational environment"

a) Flight test with examiner?: ... expensive....

b) Our process: Aerosound. What means this test? Flight Test "in vitro"

TEST: Methode 1) Cockpit





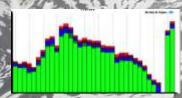


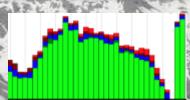


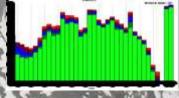


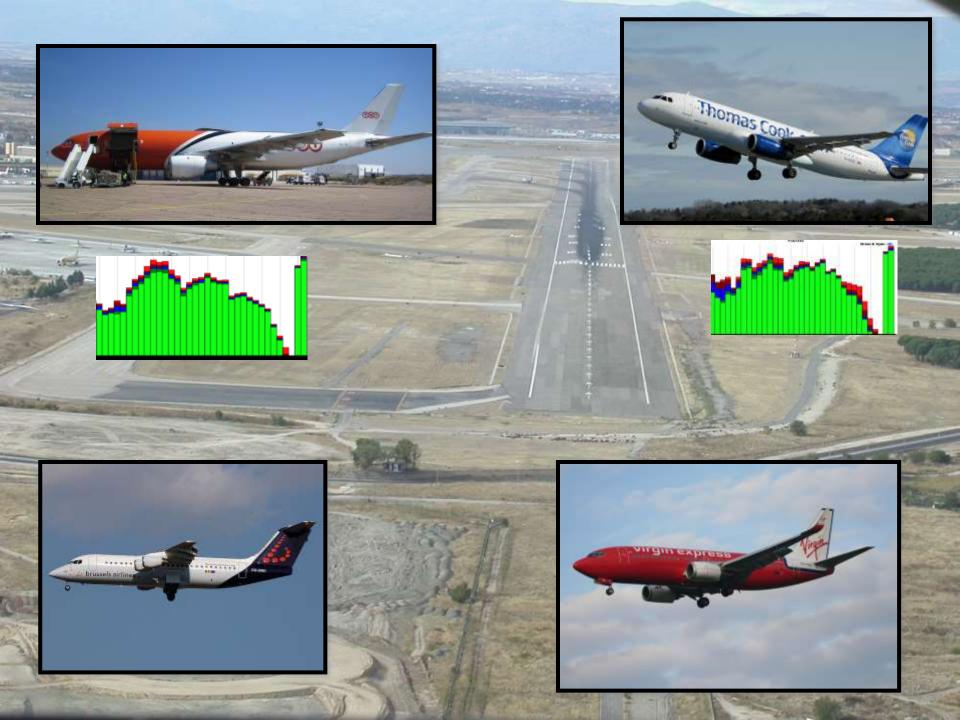




















Cockpit noise Channel 1



To "cockpit"









Amplifier



Channel 2 ATC messages

≠ headset

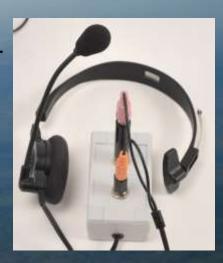


To pilot



intercom















- 25 ATC communications
- Read back correctly the essential cues of ATC-communication
- Allowed to make notes
 - Cockpit noise corresponding to flying duty
 - Pilot may use his own headset (with ANR possibly)



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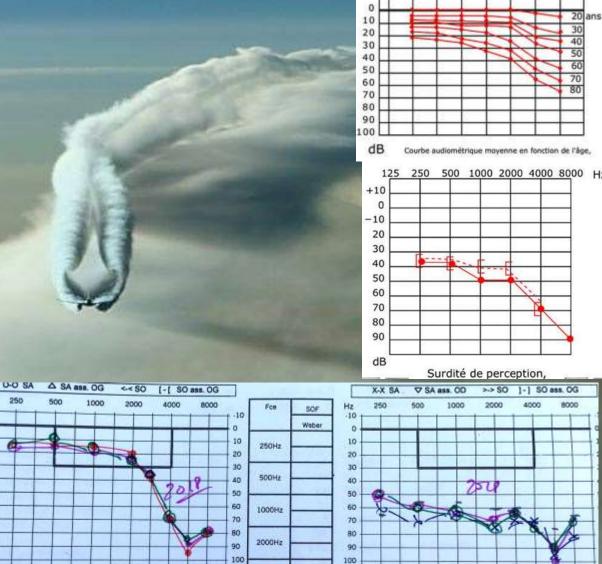




riz.

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BHTL



dB HTI

4000Hz

Presbyacousie

125 250 500 1000 2000 4000 8000

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Conclusion: discuss, analyze and know the air environment

Благодарю за внимание. Вопросов?







