

Aeronautical Information Circular

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AERONAUTICAL INFORMATION SERVICE

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SUBJECT: Operational Speech Discrimination Test

1. When an applicant of a medical certificate suffers from a hearing loss greater than the prescribed hearing requirements in the 14th Schedule of the Air Navigation Regulations Macao (ANRM) and Aeronautical Circular AC/PEL/004, he or she may be declared fit after an Operational Speech Discrimination Test has been conducted to show normal hearing performance in a noise field corresponding to normal working conditions.
2. When an abnormality of hearing performance is identified in the aviation medical examination report after the review by an Aviation Medical Assessor (AMS) and at his discretion, the applicant may be required to conduct an Operational Speech Discrimination Test. The applicant will be given AACM form PEL/CLR/030 (for Class 1 Medical Certificate applicant) or PEL/CLR/031 (for Class 3 medical certificate applicant). The applicant should have the form completed and signed by AACM authorised instructor/examiner. After completion, the form shall be returned by the applicant to the AACM for review by the AMS.
3. In the case of a Class 1 medical certificate applicant, the subject test is to be carried out by an AACM authorised flight instructor/examiner in the cockpit of an aircraft of the type for which the applicant's license and ratings are valid. Alternatively, the test may be conducted in simulator against a background noise that reproduces or simulates the masking properties of flight deck noise upon speech and beacon signals.
4. In the case of a Class 3 medical certificate applicant, the test is to be carried out by an AACM authorised ATC instructor/examiner in a typical air traffic control working environment representative of the one for which the applicant's license and ratings are valid.

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