

treatment which does not have the side effects typical of drugs. 4) The Transair apparatus, providing the TES therapy, should be included as essential means of treatment in medico-sanitary departments and occupational pathology centres for patients with OND.

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U.S. Congress

Contingent on the passage into legislation of the Aeroacoustics Research and Development Revitalization Act of 2002 (introduced in the Senate) a number of initiatives have been proposed including, Section 101,

Environmental aircraft research and development initiative.

"Not later than 10 years after the date of enactment of this Act, the NASA Administrator shall develop and demonstrate, in a relevant environment, technologies that result in the following commercial aircraft performance characteristics:

(1) NOISE – Noise levels on takeoff and on airport approach and landing that do not exceed ambient noise levels in the

absence of flight operations in the vicinity of airports from which such commercial aircraft would normally operate."

Rotorcraft research and development initiative.

"(a) OBJECTIVE – Not later than 10 years after the date of enactment of this Act, the NASA Administrator shall develop and demonstrate, in a relevant environment, technologies that result in rotorcraft with the following improvements compared to rotorcraft operating on the date of enactment of this Act:

- (1) 80 percent reduction in noise levels on takeoff and on approach and landing as perceived by a human observer
- (2) Factor of 10 percent reduction in vibration."