

ANALYSIS OF NOISE AND THE PUBLIC PERCEPTION ABOUT AIR TRANSPORT IN THE CITY WAMENA

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Abstract

The increase in the use of technology in the world of work has a significant impact on the optimization of workers. However, the use of technology also has an impact on occupational health and safety. One of them is high-intensity noise. The increasing need for the Wamena people for air transportation has made the Jayawijaya Regency Airport, located in the city of Wamena, improve flight services. Airport activities have the potential to cause noise. In the vicinity of airports, noise levels can affect hearing loss and the risk of psychological and health damage (heart, ears). Thus, this potential risk encourages governments between countries to make a policy that limits the export of noise from air transportation. This study uses a questionnaire method through data collection which is done by giving a set of written questions to respondents to answer, randomly selected, namely 200 workers and 200 students. From the results of the questionnaire, it was found that the public's perception of noise at the Jayawijaya district airport, Wamena city, caused quite disturbing noise because many people experienced feelings of discomfort and hearing loss. In addition, it hurts psychological factors such as emotional disorders, lack of concentration, especially students and students during the teaching and learning process. So it can be concluded that there is a relationship between noise and hearing loss in community activities.

Keywords: Airport, Air transportation, Noise

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