The rapid development of passengers and cargo air transport, that took place over the last 50 years, had a considerable impact on the environment. Surveys and research conducted in recent years identified several negative effects closely linked to air transport activities, both in local (noise in the proximity of the airports) and global scale (including climate changes and the emissions of the different air pollutants). In the article the impact of the airports and aircrafts on the human health are summarized and discussed.