

عنوان مقاله:

Evaluation of Slippage Resistance of the Runway of the International Airport of Imam Khomeini

محل انتشار:

مجله مهندسی عمران و مصالح کاربردی، دوره 1، شماره 1 (سال: 1396)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

A layer of rubber surface in an aircraft will be separated by takeoff and landing in flight surfaces and these layers stick to the surface of the runway and by repetition, the thickness of these layers increases and improves lubrication and reduces the effect of signs on flight surfaces. In this paper, we prepared a diagrammatic presentation of test in the friction between eastern and western parts of the flight. Average values of friction of each of the three sections of the runway, in down stroke and up stroke, were measured once before tire removal operation and the second time after the tire relaxation and the exploitation rate index and minimum quality of flight surfaces were determined and then compared with the values and standards of the Federal Aviation Organization ICAO and international aviation regulations. The results show that the average coefficients of friction before removal of the tires, to the eastern part and the western part are 0.31 and 0.63, respectively which are lower than standard rates in comparison with standard values. And along with removal of tires, according to the minimum number of daily landings in runway of Imam Khomeini airport friction test should be measured every 4 months. Also, after tire removal, friction test should be carried out again and average friction coefficients for eastern and western parts were measured to be 0.72 and 0.67, respectively which were obtained after comparison with standard values

کلمات کلیدی:

friction, Runway, Slip resistance

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