The Relationship between Leisure Involvement of Remote Control Plane Activities and Leisure Benefits

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ABSTRACT
The purpose of this study was to analyze the relationship between the Leisure Involvement and Leisure Benefits of players' in remote control aircraft activities. The researcher applied questionnaire to collect data and the results provided government and leisure education with empirical reference to improving outdoor recreational activities in Taiwan. This study applied online and interview questionnaire survey, the polite and filed test of questionnaire were implement in January 2012. There were twenty players participated as subjects and their answers provided the researcher to revise the questionnaire. There were also three experts viewed and suggestion on the attitude scales on the Leisure Involvement and Leisure Benefits for reliability analysis. Finally the formal questionnaire completed by February 15, 2012, and data collected data by internet and face-to-face survey in March 2012. There were 361 online responses and 30 face-to-face interview in the survey. A total of 371 valid questionnaires (effective questionnaires rate: the effective rate of 98% of the online questionnaires, 53% of face-to-face visited). This researcher used SPSS17.0 statistical software package for data analysis. In the sample of 371 cases that most of players are as middle class with college education and married men. The following findings provide an empirical study for understanding leisure behaviors of remote control aircraft players in leisure involvement and benefits. (A) There were two leisure involvement factors extracted: “Attractive” and “Lifestyle Center”. In the ANOVA difference analysis, the demographic variables had informed that players were shown significant differences in the place of residence, frequency, time, and participation in society or a web community. (B) There were four leisure benefits factors extracted: the major of “Social Function”, and followed by “Self-growth”, “Out of Daily Life” and “Escaping from Reality”. Leisure benefits had shown significant differences base on residence, income, participation times, the number of remote-controlled aircraft models, participation in the societies and the internet community. (C) An advanced regression analysis found that the impact of leisure involvemen on leisure benefits: 1. Players who reach the higher score in leisure involvement indicate to get the higher social benefits; 2. Players who reach the higher score in lifestyle center get more self growth; 3. Players' leisure involvement has a positive impact on the Social Function as well as Self-growth, Out of Daily Life and Escaping from Reality. There are statistical significant impacts of Life Center to Self-growth and Escaping from Reality. In Taiwan, a lot of constraints on the dream of being an aviator. People in Taiwan can only play the remote control aircraft. This empirical research found that the recreational benefits of remote control aircraft provided various leisure benefits by different leisure involvement. Taiwan should open the sky and promot the remote control aircraft leisure activities, especially the development of aviation education, and arouse policy improvement.

Keywords: Leisure Involvement, Leisure Benefits, Remote Control Plane

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