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**FUNCTIONS IN ORGANIZATION OF AIRRELAXATION CENTER**

*In the article the actuality of creation of a new architectural unit is considered in the system of the airport - a center of airrelaxation, designed especially for providing rest of workers and visitors, features of its functioning, depending on the necessities of users.The problem of airport rest is very important for the reason of the accident’ number, which were made by human mistakes. To decrease the level of stresses in the surrounding of the big air transit centre it is necessary to intend a place for all-around rest for all kinds of users.*

**Raising of problem.** Today actual for doing business and popular for forming of positive psychological establishments and increase of capacity for workers became a tendency in creation of the relaxation and entertainment centers with the use of modern methods of the psychophysical and emotional unloading. It allows to achieve maximal results in execution functional duties, and, main of all - the personal interest of workers, who has a chance not only to rest but also to get healthy and have fun after completion a working day. Practice of arranging of similar establishments is widespread enough on enterprises and, what it is more important, in aviation industry in the countries of Europe, America, Eastern Asia and others like that, but absent in the airports of our country. This negatively affects capacity of personnel and psychological condition of visitors and passengers.

Therefore in the airports of our country the specialized center of airrelaxation for rest of workers and visitors of airport it is possible to examine as fully new unit which will provide the proper not only usual rest, but also will allow to decrease the risk of influence of human factor on flights safety. The versatile relaxation techniques will create a favorable environment for recovery of psychoemotional condition, as well ease the long wait between flights for crews and passengers.

For every category of users should be provided the certain methods of rest, relaxation and entertainments to achieve of maximal result. Combination and various solution the principles of availability and separation of functions of the airrelaxation center, and also placing it in the environment of airport will allow to create comfort space for stay and satisfaction of necessities. Depending on the psychological needs of visitors of the centre is determined what is necessary for them: unloading or revitalization, relaxation or stimulation.

It is thus possible to manage maintenance of relaxation by functional organization of streams of personnel and passengers, taking into account work and hours of waiting in the hall of the airport, and creation of airrelaxation centers on the basis of study of all functions of relaxation and account them in its functional organization is an important factor for work of airport on the whole.

**Analysis of researches and publications.** The predecessors of centers of relaxation were clubs for leisure, which function was examined during all the history since the origin of such architectural unit.

The beginning of the club activity can be considered different sort of fraternity, groups, societies which function was sent to organization of communication and leisure interests. [2]

Successful attempts to work out the conception of club of the modern type took place in soviet times. In 20th of ХХ c. there was a fundamentally search of new architectural decisions in the conditions of decentralization of club activity and becoming of it organizational forms. 30-50th were marked by development of only architectural conception in the conditions of height of organization of club design beginning (there is beginning of the typical planning exactly in this period). At 60-80th a club experiences development of the typical planning of forms of work. The new stage of development of independent action of club collectives and searching planning came in 90th. Today there are an increase of requirement in club establishments and development of the newest architectural tendencies on the basis of development of technologies.

In architecture the value of a club, as links in providing of rest of population were examined by Gelfond A.L. [1]., focusing attention on the greater value of spectator function in such type of the building. Adamovich V.V., Barchin B.G. and Varezhkin V.A. considered a question about expedience of club organization as multifunction complex which will connect a few functions in itself.

At the modern stage, much attention is given to the organization of club space, particularly, by the Kyiv architect Babyshkin S.V. in the project of the International creative center of Jan Tabachnyk. The complex includes the apartments of Creative Club and visual hall is planned for 3700 places.

In modern airports exist only two establishments of providing of relaxation: preventive clinic and cult way of life. In first case to its tasks there is realization of complex of works to provide a reception, placing, medical services and rest of transit crews, and in the second is providing of increase of cultural and educational level of workers, improvement of their physical and moral condition.

Some airports have a room of the psychological unloading in the list of apartments, but often her activity is limited to one type of relaxation and spreads to the narrow circle of users.

But it not sufficiently for providing of valuable moral and physical rest of visitors and workers of airport. Therefore in further researches it is expedient to consider organization of center of airrelaxation, where the taken into account possibility of providing of users all necessary types of rest will be, sparing the special attention to the necessary type of relaxation separately for every group.

**Purpose of the article.** This publication is raising. Its specific purpose is a determination of principles of the functional design, the organization of airrelaxation centers on the basis of analysis of necessities of visitors and workers, determining its location in the structure of airport.

**Basic part.**

1. Determination of purpose of work of center of airrelaxation.

For formulation of purpose of work of center of airrelaxation it is necessary to define functions which satisfy the necessities of users .

In such to the type center of can be distinguished three degrees providing comfort of workers and visitors :

* Relaxation;
* Rest;
* Entertainments.

Purpose of relaxation consists of the possibility to get rid of a fatigue and get a stimulus for work. It is presented by such kinds as:

* *psychological*, that includes the rooms of the psychological unloading;
* *emotional*, where therapy of fear of flight of passengers and moral weakening are conducted for workers;
* *physical,* that allows to engage in physical exercises during a dwell;
* *mental*, that enables distracted from conservative work and point the activity at something a new.

Exactly relaxation occupies key position in a grant to the users of services in possibility to be simultaneously weakened and picks up thread cheerfulness for further activity. Unloading is both physical and mental, promotes a decrease of tension and provides of comfort of working.

Types of rest in an airport it can be two: active and passive. Active rest includes a gymnasium and culture life, the passive is presented by intercourse and sleep. Thus it follows to take into account that such transport knot, as an airport works twenty-four-hour, that means by turn work. Therefore providing of users the necessary type of rest is a important to provide successful operating of all systems condition for realization of departure and arriving of passengers.

Although an airport by its nature provides a transit function only, the presence of entertaining measures positively influences on the level of comfort of stay in his environment. For providing of necessities of users in the center of relaxation it is possible to foresee the different types of entertainments, so for example a cybercafe, also a videohall, as it is required by increasing civilization in the informative sphere of activity of the modern man. Functioning of such services will help to get distracted from a routine and will reduce the risk of origin of stress situations.

This way defined three key directions of the center of airrelaxations which satisfy scalene necessities, concentration on the simultaneous psychologically-emotional unloading and activation of activity of users. In the system of airport it plays a very important role for providing of continual activity of all functions of transit knot.

1. Determination of categories of users of center of airrelaxation.

Each employee, depending on the load required a specific type of relaxation that will help get rid of fatigue, both physical and moral, prevent stress and exhaustion, is needed, will stimulate to the further actions. It is necessary to provide a comfort environment for passengers and visitors, in fact not depending on time of stay in an airport, there is a requirement in rest and entertainments.

Thus certainly, that work of center of airrelaxation spreads on three categories of users:

* Personnel of airport;
* Passengers;
* Visitors.

Accounting the necessity each of these groups creates the picture of functioning of center. Relaxation and rest will spread to the personnel of airport, in turn passengers will use therapy of fear and entertainment, and visitors – rest and entertainments.

But the function of center in a considerable measure will depend on the enormous amount of factors which determine the amount of working, percent of women among them, age of users. For this reason at determination of functions of center all terms must be maximally taken into account separately for every airport.

Thus, defining the categories of users and taking into account all factors of influence it is possible to determine the structure of center activity of which will appear the most resultutive for a certain airport.

1. Research of modern methods of relaxation is for visitors and workers of airport.

In modern terms the enormous amount of possibilities of rest is created from work, each of which can appear most effective for the certain type of activity. For relaxation of users of aviation industry it is possible to define such kinds:

1. Mental relaxation

Presented mainly by possibility to play the specialized computer games (such as "Diver: Deep Water Adventures" is a game about the submarine world, worked out especially for workers) and by creative activity (drawing, needlework for the removal of stress).

1. Physical relaxation

Its main constituent is a trainer hall with a possibility to engage in physical exercises which are very important during permanent work in one position. The use of massage therapy is possible also for weakening.

1. Emotional relaxation

It is very important in therapy of fear of flight, because in fact air industry collects all greater popularity now, and the phobias of height disappeared nowhere. Therefore passengers at pleasure can avail from this favour.

To except that emotional relaxation will be useful to the personnel which constantly is in the condition of stress at socializing with plenty of people simultaneously.

1. Psychological relaxation

Provided by the mainly specialized room of the psychological unloading which includes visual relaxation, audio relaxation and aromatherapy.

It is also possible bringing in of flora and fauna during a contact from which of feel of man gets better considerably.

However in modern society there can be all new and new kinds of relaxation, which more effectively will allow providing the requirements of personnel in the decline of level of stress and development of depression, minimization of human factor which will allow avoiding impermissible errors in-process.

It is possible to draw conclusion, that all these types of relaxation are a necessary link in maintenance of moral and physical health, comfort of personnel of airport and passengers of airport. Their valuable work and permanent modernization will become the prophylaxis of negative anthropogenic influence on activity of such important integral environment as airport.

1. Determination of interdependence is between the certain type of relaxation and activity of users.

Electing of certain type of relaxation, necessary to the concrete user plugs difficult and many-sided approach in the type of activity of worker, determinations of the personal necessities, which change depending on age, sex, burn-time, psychologically-emotional condition.

Generally speaking, it is possible to mark that psychological relaxation can be used practically for all workers. The emotional is used for professions with possibility of work with people, physical - during conservative work in a room, assiduous method of work, mental - for those, who works physically and executes monotonous tasks.

Potential of recreation may be used by employees, who work hard physically or emotionally at a very large load. Entertainments are needed in order that personnel were able to be for a while distracted from duties, and then inspired and by new forces to go back to work.

Functioning of center of relaxation of such to the type to the large measure depends also on placing. Exactly it will determine the types of rest of workers from work, proceeding in physical and psychological possibilities, and comfort of stay of other users. A center can be in the system of apartments of airport, out of its territory, and also as separate unit in the environment of city. It is determined by the necessities of every transit knot, its sizes and carrying capacity.

For comfort of access and greater efficiency of work it is certainly expedient to arrange relaxation into an airport. But sometimes it is not possible, if activity of such center can hinder to the transit ways, to use the such limited area. In such case it is expedient to arrange a center in the distance 300-500 meters from a main terminal along a transport entrance. Functioning of all constituents of relaxation is here provided, and there is independent of complex territory. By another possible variant of placing of center in the environment of city as a separate link, where all requirements can be provided in rest and entertainments of users, but activity of relaxation constituents diminishes the meaningfulness, and some her kinds in general are taken to the minimum, such as, for example, to therapy fear of flight.

For this reason, for greater efficiency in the center of airrelaxation it follows to foresee possibility of diagnostics in place, that will take into account the requirements of people in set time and after certain activity.

Here, for achievement of the best results in-process center it follows to take into account requirements in rest of every person separately in a complex with many influences which determine проблематику in the structure of relaxation of workers and users of airport. On the basis of determination of all constituents of functioning of center of relaxation it is possible it will be to get the list of necessary apartments for the successful prosecution of removal of psychological and physical overstrain of users.

**Conclusions**

Thus, the basic aspects of forming of airrelaxation centers and importance of their work are considered in the system of airport. Functions which provide requirements in rest of users were certain. It is educed that its functions depend on many factors which have an influence on the structure of center, called to provide a comfort and minimize influence of human factor on work of airport. The ways of further research are formulated for the purpose determination of component elements of airport unit of new type.

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