

ELEVATED RESCUE HELIPORT Mohács City Hospital



Client:
Mohács City Hospital

Establishment approval documentation

Design task:
Preparation of establishment approval documentation for a category V. elevated rescue heliport on top of Mohács City Hospital.

The documentation is based on the architectural plans of S-produkt Bt. made by architect Simity István; on structural design documentation created by Ilija Bt.; and on the geodetic survey carried out by the surveying engineer of UVATERV Zrt.

Airfield ground lighting plans were created by ON-AIR Kft.

Specification:

TLOF:
17,70 m x 17,70 m, square shaped area with concrete pavement
FATO:
identical with the design of TLOF
Safety area:
a min. 4,15 m wide theoretical area around FATO (with total dimension of 26,01 m x 26,01 m)

Time of design: 2013.

Technical details:		
Designing aircraft:	EC135 helicopter AS-350 Ecureuil	
Airport category:	category V. airport	
Aerodrome reference point (ARP):	N 45° 59' 50,811" E 18° 40' 56,064"	
Height above sea level:	103,35 m above Baltic Sea level	
Orientation of heliport:	22 – 36	
TLOF:	17.70x17.70	m
FATO:	17.70x17.70	m
Safety area:	26.01x26.01	m
Pavement:	concrete	
Load-bearing capacity:	5	t

Summary:

The heliport on the elevated level will be located on the site of the Mohács City Hospital, on the roof of the existing former chapel building.

The landing site is located on the level 12 m above ground, on top of the 2-storey building behind the central building. Patients are transported from the landing site via a ramp to the roof of the existing building, which connects the landing site to the elevator in the building.

There is an escape staircase on the south side of the landing site that leads to the top of the existing building.