

HELICOPTER LANDING/TAKEOFF CONTROL STATION SIMULATOR



HELIPORT-SİM

Türkiye's First Helicopter Landing/Takeoff Control Station Simulator



WHAT IS HELIPORT-SİM ?

MISSION PLANNING AND POST-ACTIVITY REVIEW

METEOROLOGICAL CONDITIONS

HIGH-FIDELITY SIMULATION

LARGE-SCALE VISUAL DATABASE

DAY/NIGHT MODE

AI-SUPPORTED TRAINING

MISSION SELECTION

EMERGENCY MANAGEMENT

THEORETICAL TESTS

REPORTING



Heliport-SİM is an advanced simulation platform developed to meet the training needs of Helicopter Control Station (HCS) personnel involved in military ship and civil helicopter landing and takeoff operations (Heliport – Helideck – Helipad). This innovative system utilizes high-fidelity and AI-supported simulation technologies to replicate every phase of helicopter operations, ensuring personnel receive the necessary training to perform their duties safely and effectively.

WHAT ISSUE DOES HELIPORT-SİM SOLVE?

SIMULATION COMPATIBLE WITH HELIPORT – HELIDECK – HELIPAD

SUITABLE DESIGN FOR LAND AND SEA PLATFORMS

CIVIL AND MILITARY HELICOPTER OPERATIONS



In military and civil helicopter operations worldwide, traditional training methods for Helicopter Control Station personnel rely solely on theoretical knowledge. Heliport-SİM, however, provides a fully interactive environment that enables personnel to practice landing, takeoff, and emergency scenarios. This allows them to learn and apply critical operations before undertaking real missions.

BENEFITS OF HELIPORT-SIM



ENHANCED OPERATIONAL SAFETY

IMPROVED TRAINING QUALITY

REDUCED TRAINING COSTS

DECISION-MAKING CAPABILITY DURING CRISES

HAZARDOUS SCENARIO TRAINING

Heliport-SIM provides a realistic training environment for helicopter landing and takeoff operations, enhancing the crew's operational proficiency and decision-making capabilities during crises. By combining theoretical and practical training, it offers essential preparation for safe and efficient mission performance.

DESIGN AND DEVELOPMENT



Heliport-SIM has been developed through the technological expertise and innovative approach of Junosis and HeliPLAT. Junosis is a pioneering company with innovative approaches in the fields of virtual reality, simulation, and artificial intelligence. HeliPLAT, specializing in helicopter platforms and certification/licensing engineering services, is the first and only company of its kind in the region.

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