



United Vehicle Robotics



ELECTRON

MULTI-PURPOSE UNMANNED
AERIAL VEHICLE

POWERFUL, RELIABLE, ACCESSIBLE DRONE

MORE DATA PER FLIGHT
UP TO 120+ MIN

OUTSTANDING VERSATILITY

COMPATIBLE WITH ANY PAYLOAD
UP TO 7 KG

FLIGHT TIME, MIN



LOW MAINTENANCE COSTS

ELECTRIC BATTERIES REQUIRE NO MAINTENANCE
DURING THEIR LIFETIME
NO NEED TO HIRE LARGE SERVICE PERSONNEL
EASILY TRANSPORTED IN A CAR

SAFE FLIGHTS

MINIMAL OPERATOR INVOLVEMENT
DUPLICATION OF CRITICAL COMPONENTS
AND SYSTEMS
SPECIAL AUTOPILOT FUNCTIONS FOR
EMERGENCY SITUATIONS

COMPLETE UNMANNED AIRCRAFT SYSTEM

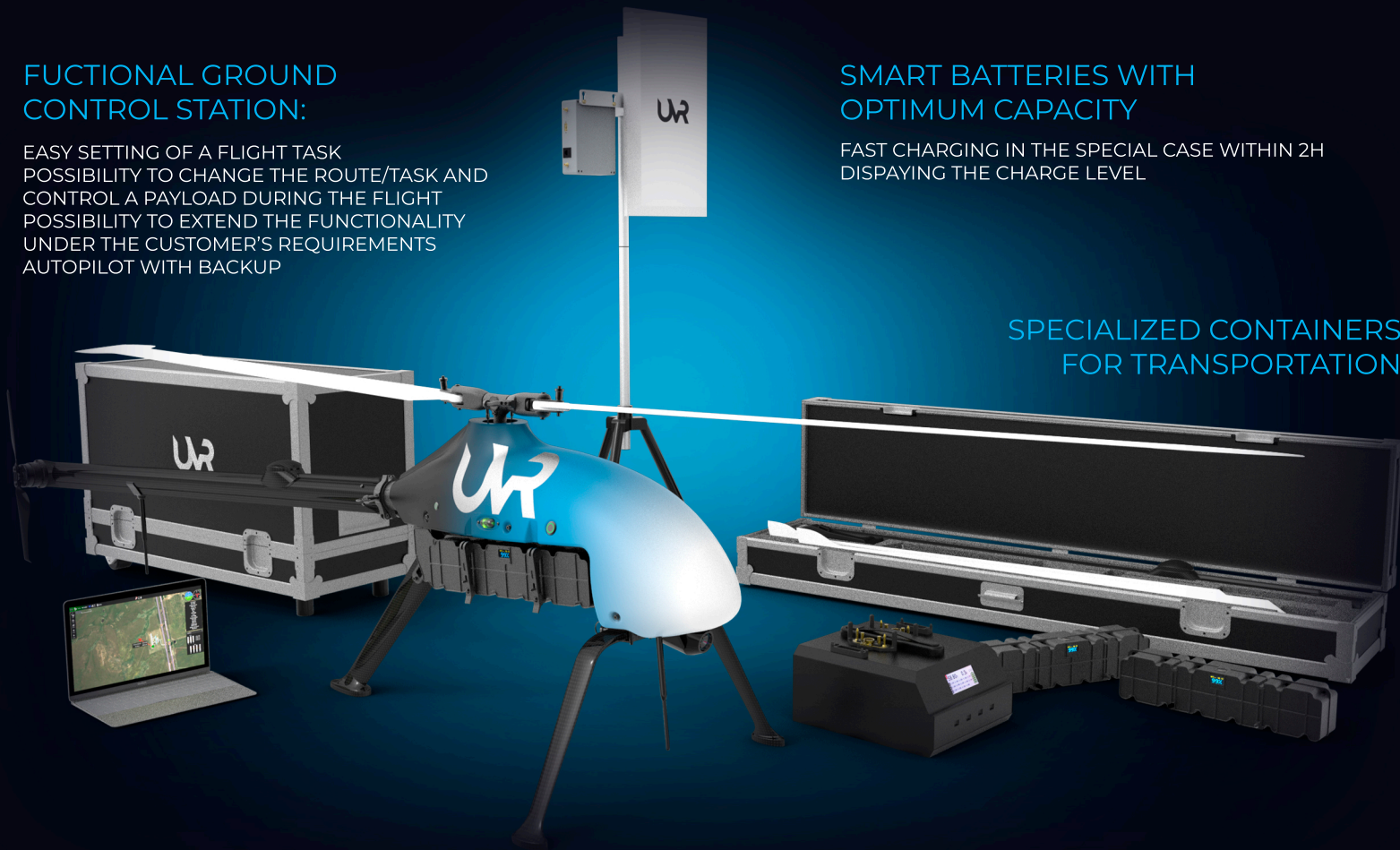
FUNCTIONAL GROUND CONTROL STATION:

EASY SETTING OF A FLIGHT TASK
POSSIBILITY TO CHANGE THE ROUTE/TASK AND
CONTROL A PAYLOAD DURING THE FLIGHT
POSSIBILITY TO EXTEND THE FUNCTIONALITY
UNDER THE CUSTOMER'S REQUIREMENTS
AUTOPILOT WITH BACKUP

SMART BATTERIES WITH OPTIMUM CAPACITY

FAST CHARGING IN THE SPECIAL CASE WITHIN 2H
DISPLAYING THE CHARGE LEVEL

SPECIALIZED CONTAINERS FOR TRANSPORTATION



MODULAR PLATFORM FOR MULTIPLE TASKS

FOR CARGO TRANSPORTATION

SUSPENSION SYSTEM FOR FRAGILE CARGO TRANSPORTATION
SPECIALIZED CONTAINER FOR TEMPERATURE SENSITIVE CARGO
ELECTRONIC WINCH FOR SMOOTH AND CONTROLLED LIFT
AND DESCENT OF CARGO

FOR INDUSTRIAL INSPECTIONS

LIDARS AND GIMBALS WITH VARIOUS RANGE
CAMERAS FOR MAKING PHOTOS, VIDEOS,
ORTHOPHOTOPLANS AND 3D-MODELS

FOR SPECIAL TASKS

CUSTOMIZED SCIENTIFIC EQUIPMENT
AGRICULTURAL EQUIPMENT FOR TERRAIN
AND CROPS ANALYSIS ALARM EQUIPMENT
AND SPOTLIGHTS FOR ILLUMINATION OF
HARD-TO-REACH AREAS



HELICOPTER AS AN OPTIMAL MODE

UVR HELICOPTER DRONES UNDER 25 KG

ABLE TO TAKEOFF AND LAND
VERTICALLY, HOVER AND CLIMB

ABLE TO DELIVER FRAGILE LOADS
SAFELY

LONG FLIGHT TIME WITH PAYLOAD

RELIABLE EVEN IN HARSH WEATHER
AND CLIMATE CONDITIONS

PROFESSIONAL MULTICOPTERS

ABLE TO TAKEOFF AND LAND VERTICALLY,
HOVER AND CLIMB

ABLE TO DELIVER FRAGILE LOADS SAFELY

SHORT FLIGHT TIME WITH A PAYLOAD

NON-OPERATING OR UNRELIABLE IN
HARMFUL WEATHER CONDITIONS

FIXED WINGS AND HYBRID DRONES

UNABLE TO TAKEOFF AND LAND
VERTICALLY, TO HOVER AND CLIMB

UNABLE TO SAFELY DELIVER FRAGILE
LOADS

UNABLE TO FLY AT LOW SPEEDS

VULNERABLE TO STRONG WINDS



APPLICATION AREAS



DATA COLLECTION AND PROCESSING
INSPECTIONS OF INFRASTRUCTURE,
CONSTRUCTION FACILITIES AND SITES

ENERGY SECTOR
MINING
TELECOMMUNICATIONS
TRANSPORTATION INFRASTRUCTURE
ENVIRONMENTAL MANAGEMENT
PUBLIC SAFETY

GEODESY
CONSTRUCTION
INSURANCE
FILM INDUSTRY
AGRICULTURE
FORESTRY



ASSESSMENT OF EMERGENCY CONSEQUENCES
SEARCH AND RESCUE OPERATIONS
ICE RECONNAISSANCE
FIRE DETECTION AND EXTINGUISHING
AVIATION CHEMICAL WORKS

EMERGENCY MANAGEMENT
AGRICULTURE



SPECIAL MISSIONS

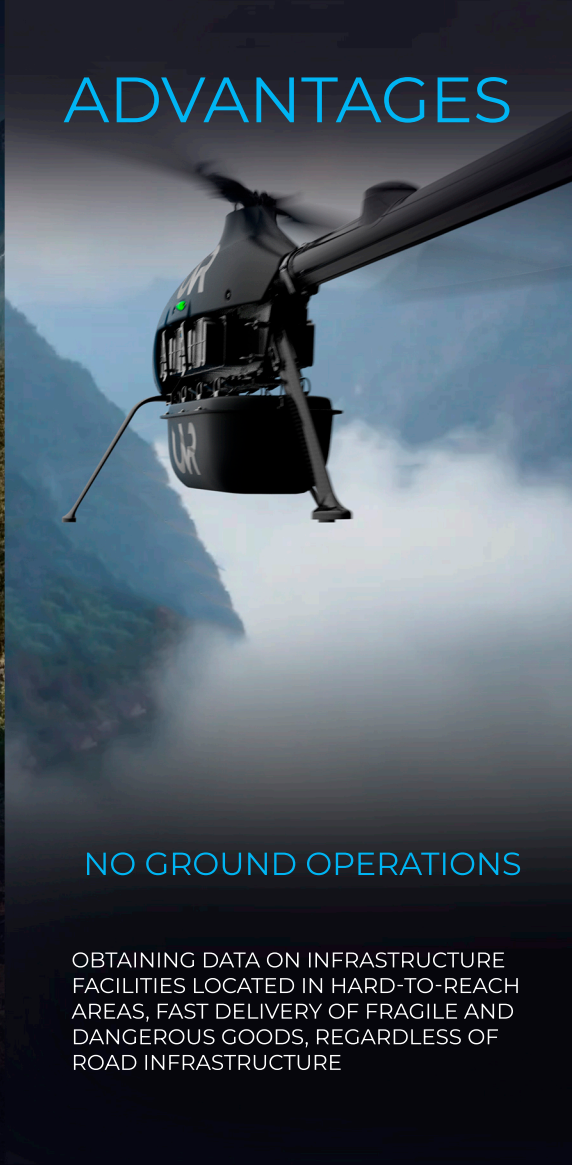
URGENT CARGO DELIVERY

LOGISTICS
OIL AND GAS SECTOR
SEA AND RIVER SHIPPING
HEALTHCARE



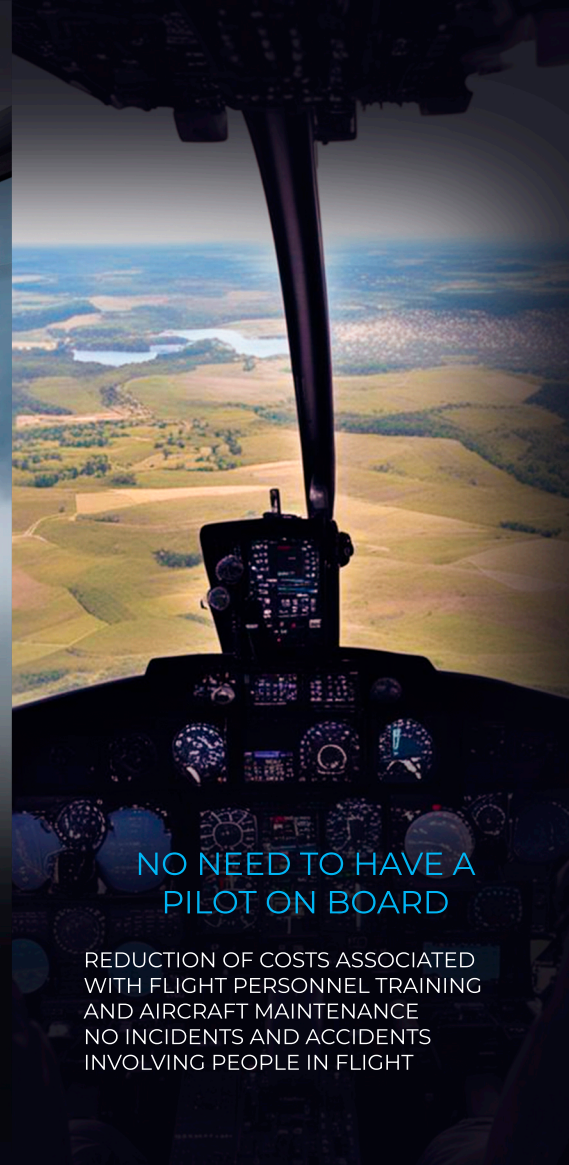
NO TIME-CONSUMING INSPECTIONS

RAPID TASK COMPLETION
OBTAINING TIMELY AND ACCURATE DATA
REDUCED LABOR COSTS
NO RISK TO LIFE AND HEALTH OF
PERSONNEL



NO GROUND OPERATIONS

OBTAINING DATA ON INFRASTRUCTURE
FACILITIES LOCATED IN HARD-TO-REACH
AREAS, FAST DELIVERY OF FRAGILE AND
DANGEROUS GOODS, REGARDLESS OF
ROAD INFRASTRUCTURE



NO NEED TO HAVE A PILOT ON BOARD

REDUCTION OF COSTS ASSOCIATED
WITH FLIGHT PERSONNEL TRAINING
AND AIRCRAFT MAINTENANCE
NO INCIDENTS AND ACCIDENTS
INVOLVING PEOPLE IN FLIGHT



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"UVR" LEGAL ADDRESS: ZHELEZNODOROZHNYAYA STR., 33, ROOM 4, 220089, MINSK, BELARUS.
POSTAL ADDRESS: MOSKOVSKAYA STR., 17/5, 223027, KOROLEV STAN, MINSK DISTRICT,
MINSK REGION, BELARUS

INFO@UVR.AERO
UVR.AERO