



**Skyeton**  
AVIATION PRODUCTION COMPANY



# **RAYBIRD-3**

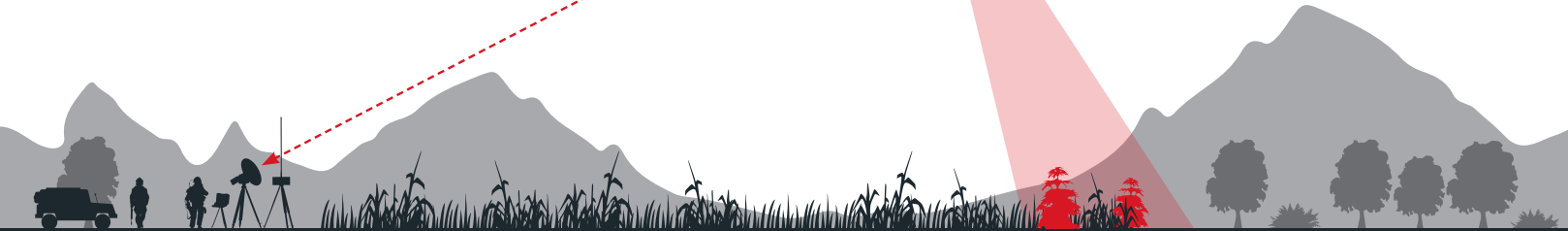
Unmanned Aerial System

# Airborne support of special operations



300 km<sup>2</sup> / 1 hour

3000 km<sup>2</sup> / 10 hours



Recommended payload



**Streams and data collection during special operations, air support to ground divisions.**

**UAS tasks**

- Search for illegal crops of narcotic substances (hemp, poppy)
- Detection of places of illegal deforestation
- Detection of places of illegal mining (amber, precious stones, metals)
- Accompanying persons with transfer of the ransom
- Traffic monitoring

# Improved border surveillance



24 / 7 mode

Real-time video transmission radius



Recommended payload



**Patrol of permanent and temporary checkpoints at the state border 24/7.**

**UAS tasks**

- Patrolling border areas and detecting illegal crossings through checkpoints
- Prevention of illegal migration and illegal transportation of goods across state borders

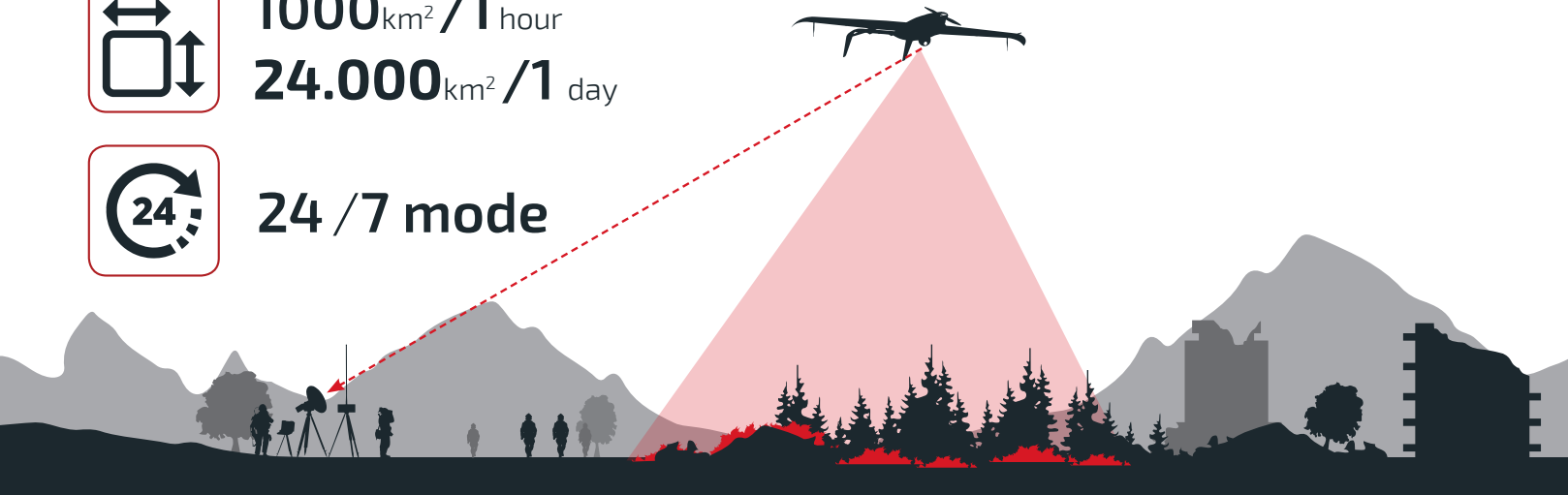
# Preventing wildfires and SAR operations



1000 km<sup>2</sup> / 1 hour  
24.000 km<sup>2</sup> / 1 day



24 / 7 mode



Recommended payload



**Continuous mapping of disaster zones and prompt provision of information to the rapid response center.**

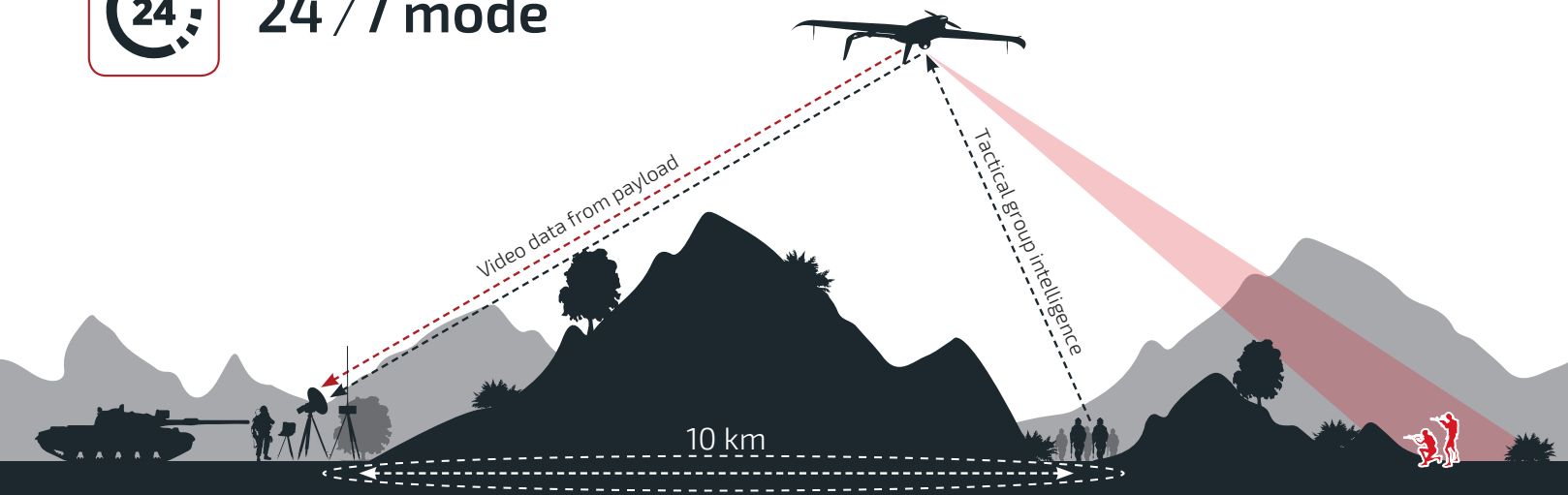
## UAS tasks

- Aerial reconnaissance of the fire situation in the fire season
- Coordination of firefighting operations
- Identification of dangerous "hot zones", "marking" of dangerous areas to help firefighters in planning and coordinating their actions
- Survey of natural disasters areas

# ISTAR missions



24 / 7 mode



Recommended payload



**Radio communication system for the exchange of intelligence between vehicles, ground units and headquarters.**

## UAS tasks

- Reconnaissance missions and preparation of troops for the enemy's offensive in areas with poor visibility
- Collection and transfer of intelligence for operational coordination of the tactical group during special operations in the conflict regions.



Wingspan.....3 m  
MTOW.....23 kg  
Speed.....80/120/160 km/h  
Flight time.....24+ h  
Operating ceiling.....up to 4000 m  
Payload.....up to 5 kg  
Power unit.....EFI engine

Digital data link.....100+ км  
Telemetry and control data link.....200+ km  
Autonomous flight mode.....up to 2500 km

Take-off technique.....mechanical catapult  
Recovery system.....parachute landing on airbag  
Unpack to launch time.....20 min (average time)

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