

**ANAVIA**



# HT-100

THE WORLD'S MOST ADVANCED UNMANNED HELICOPTER



# ROBUST, FLEXIBLE AIRBORNE ASSET



The ANAVIA HT-100 unmanned helicopter provides robust, world-class and flexible capabilities to a wide range of military, border control, special forces, civil defence and law enforcement missions. This powerful system features a maximum flight endurance of 6 hours and payload capacity of 65kg.

A modular payload avionics BUS speeds plug-and-play sensor deployment, enabling the platform to be deployed with an extensive range of payload sensors for ISR, remote aerial sensing, and tactical support mission. Alternatively, its custom-fit cargo box supports diverse logistics operations.

Designed and built in Europe, the ANAVIA HT-100 is free of ITAR restrictions, and has low flight-operating costs, high reliability and uncompromising safety.



## KEY FEATURES

- Efficient Fettner dual, main inter-meshing rotors (no tail rotor)
- Diverse digital data options: terrestrial (up to 200km) / LTE / Satcom
- Multiple flight control redundancies
- Low maintenance, high reliability
- ITAR free

# MISSION FLEXIBILITY



## ISR & INSPECTION

AERIAL INFRASTRUCTURE INSPECTION

TRAFFIC INVESTIGATION AND SURVEILLANCE

BORDER AND COAST CONTROL

ILLEGAL FISHERY AND ANTI-POACHING



## **TACTICAL SUPPORT**

- COMINT / SIGINT / ELINT**

- SURVEILLANCE AT SEA**

- ANTI-SURFACE AND SUBMARINE WARFARE**

- ARTILLERY AND NAVAL FIRE SUPPORT**

## **LOGISTICS**

- DELIVERY TO REMOTE AND OFFSHORE AREAS**

- TIME SENSITIVE / CRITICAL MEDICAL SUPPLIES**

- COLD CHAIN LOGISTICS**

- BATTLEFIELD RESUPPLY**

## **REMOTE AERIAL SENSING**

- LIDAR MISSIONS**

- ORTHOPHOTO AND DEM**

- POINT CLOUD AND 3D MODELS**

- MULTISPECTRAL DATA AND THERMAL LAYER**

# SPECIFICATIONS



## TECHNICAL SPECIFICATIONS

<b>TURBINE</b>	15 KW SHAFT TURBINE
<b>ROTOR</b>	FLETTNER DOUBLE-ROTOR SYSTEM
<b>TYPICAL EMPTY WEIGHT</b>	55KG (121 LBS)
<b>TANK CAPACITY</b>	60 LITRES (15.8 GALLONS)
<b>FUEL TYPES</b>	JET A1; JP-8, JP-5 (ON DEMAND)
<b>FUEL CONSUMPTION</b>	9 L/H
<b>DATA LINK TYPE</b>	FULLY ENCRYPTED MESH IP (SATCOM AND LTE ON DEMAND)
<b>DATA LINK RANGE</b>	UP TO 200 KM RADIO AND ANTENNA CONFIGURATION, DEPENDING ON TERRAIN TOPOGRAPHY; NATIONAL REGULATIONS
<b>OPERATING TEMPERATURE</b>	-25°C TO +55°C (-13°F TO +131°F)
<b>MAX. WIND SPEED</b>	45 KM/H (25 KN)
<b>START AND LANDING</b>	FULLY AUTONOMOUS



## PERFORMANCE

<b>PAYLOAD AND FUEL</b>	65 KG (143 LBS)
<b>MAX. FLIGHT TIME</b>	6 HRS
<b>TYPICAL EMPTY WEIGHT</b>	55KG (121 LBS)
<b>MAX. AIRSPEED</b>	120 KM/H (65 KN)
<b>MAX. TAKE-OFF WEIGHT</b>	120KG (264 LBS)
<b>OPERATING CEILING (MAX. DENSITY ALTITUDE)</b>	4,000M (13,123FT)

## DIMENSIONS

<b>ROTOR DIAMETER</b>	3.75M (12FT)
	DIMENSIONS EXCLUDING ROTORS ( L/W/H): 2.82M X 0.72M X 1M (9.25FT X 2.36FT X 3.28FT)
<b>CARGO BOX</b>	ACTIVE COOLING SKYHOOK WITH 70M ROPE AND NET ARMoured / REINFORCED / INSULATED REMOTE DROP SYSTEM

