



**AERO INDIA**  
The Runway to a Billion Opportunities

# ABOVE HORIZONS

## A GLIMPSE OF INDIAN AERO-INDUSTRY







**“ India today offers a unique opportunity in defence and aerospace manufacturing. This opportunity comes as a “Sangam (confluence)” of rising demand, greater innovation, conducive policies and maturing ecosystem in defence and aerospace manufacturing sector.”**

**Rajnath Singh**

Defence Minister of India









# **FIXED WING AIR SYSTEMS**

# LCA TEJAS

Pilot Friendly, Multirole, Supersonic,  
4+ Gen Fighter with a Lethal Punch



- Supersonic at all altitudes, Service Ceiling of 50,000 ft and 'g' Limits is +8/-3.5.
- An amalgamation of contemporary concepts & technologies such as relaxed static-stability, fly-by-wire Flight control,
- Advanced glass cockpit, integrated digital avionics systems and advanced composite materials for the airframe.
- High strength to weight ratio, composite structure, long fatigue life and low radar signature
- Available variants - Fighter, Lead-in Fighter Trainer



HINDUSTAN AERONAUTICS LIMITED

NSN No : 1510720472325



# HINDUSTAN-228

A DGCA type certified platform for  
Civil Aviation Market



- Highly versatile multi-purpose light transport aircraft for air-taxi operations, coast guard duties, maritime surveillance etc.
- Available in 5700 kgs / 6200 kgs version
- Short Take Off & Landing (STOL)
- Contemporary Avionics with Glass Cockpit
- Fuel Efficient & Low Maintenance
- Life Time Maintenance Support



HINDUSTAN AERONAUTICS LIMITED

NSN No : **1510720471790**

# HTT-40

Hindustan Turbo Trainer-40



- Fully aerobatic tandem seating
- Maximum speed 450km/h , Maximum load factor +6/-3g and Glide ratio of 11.5:1
- Fitted with modern avionics, zero-zero ejection seats & powered by Honeywell TPE331-12B Turboprop engine
- Good low speed handling qualities for better training effectiveness
- Fitted with indigenously developed Avionics
- Compliant to PSQR and certified to FAR-23 standards



HINDUSTAN AERONAUTICS LIMITED



# HANSA - NG

**New Generation Aircraft for Pilot Training**



- All composite aircraft with Advanced Fuel Efficient Engine
- Glass Cockpit & Digital Engine Monitoring
- Electromechanical Flap Actuation
- Bubble Canopy
- Steerable Nose Wheel (Optional)
- Excellent Performance
  - Range ~ 1150 km + 30 min reserve
  - Endurance ~ 7 hrs + 30 min reserve



CSIR - NATIONAL AEROSPACE LABORATORIES (NAL)

NCAGE No : **2769Y**



# **ROTARY WING AIR SYSTEMS**



# LCH-PRACHAND

Agile, Sleek, Lethal, Survivable,  
Combat Helicopter



- Powered by twin Shakti Engines, dedicated combat helicopter of 5.8 tonne class.
- Incorporates a number of stealth features such as reduced visual, aural, radar
- Infra-red signatures and crashworthy features for better survivability.
- EO pod, Helmet Mounted Display System & EW suite, 20 mm Gun, 70 mm Rocket & Missiles- Air to Air Missiles (ATAM) & Air to Ground Missiles (ATGM)



HINDUSTAN AERONAUTICS LIMITED

NSN No : **1520720471805**

# ALH Mk-III DHRUV

All-weather, Multi-role, Multi-mission  
Advanced Light Helicopter



- MTOW of 5500 Kg with Max. speed of 250 kmph and Range : 630 km
- A 5.5 tonne class category helicopter with side by side cockpit configuration, built to FAR 29 specifications.
- Equipped with glass cockpit and advanced avionics for enhanced mission effectiveness including night flying capability Proven track record in disaster relief and casualty evacuation.
- 4-Axis Digital Automatic Flight Control System (AFCS) and Integrated Architectural Display System (IADS).



HINDUSTAN AERONAUTICS LIMITED

NSN No : **1520720351481**



# ALH Mk-III DHRUV (MARITIME)

All-weather, Multi-role, Multi-mission, Day/Night  
Capable(NVG Compatible) Helicopter



- A dedicated variant of ALH for Maritime Reconnaissance & Coastal Security Operations Proven Capability for day & night operations
- A 5.5 tonne class category helicopter with side by side cockpit configuration, built to FAR 29 specifications.
- MTOW of 5500 Kg with Max. speed of 250 kmph and Range : 630 km
- Powered by Two Shakti Engines Integrated with advanced glass cockpit,
- Advanced vibration control, navigation & communication systems



HINDUSTAN AERONAUTICS LIMITED

NSN No : **1520720351482**

# LUH

All-weather, Multi-role, Multi-mission  
Single Engine Light Utility Helicopter



- MTOW of 3150 Kg with Max. speed of 235 kmph and Range of 350 km
- Powered by a single turbo shaft engine with adequate power margins to accomplish high altitude missions
- Composite Airframe with crash worthy features
- The hinge less Rotor system ensures high agility & manoeuvrability of the helicopter
- State of the art Avionics suite with fully integrated Smart Multi-Functional Displays





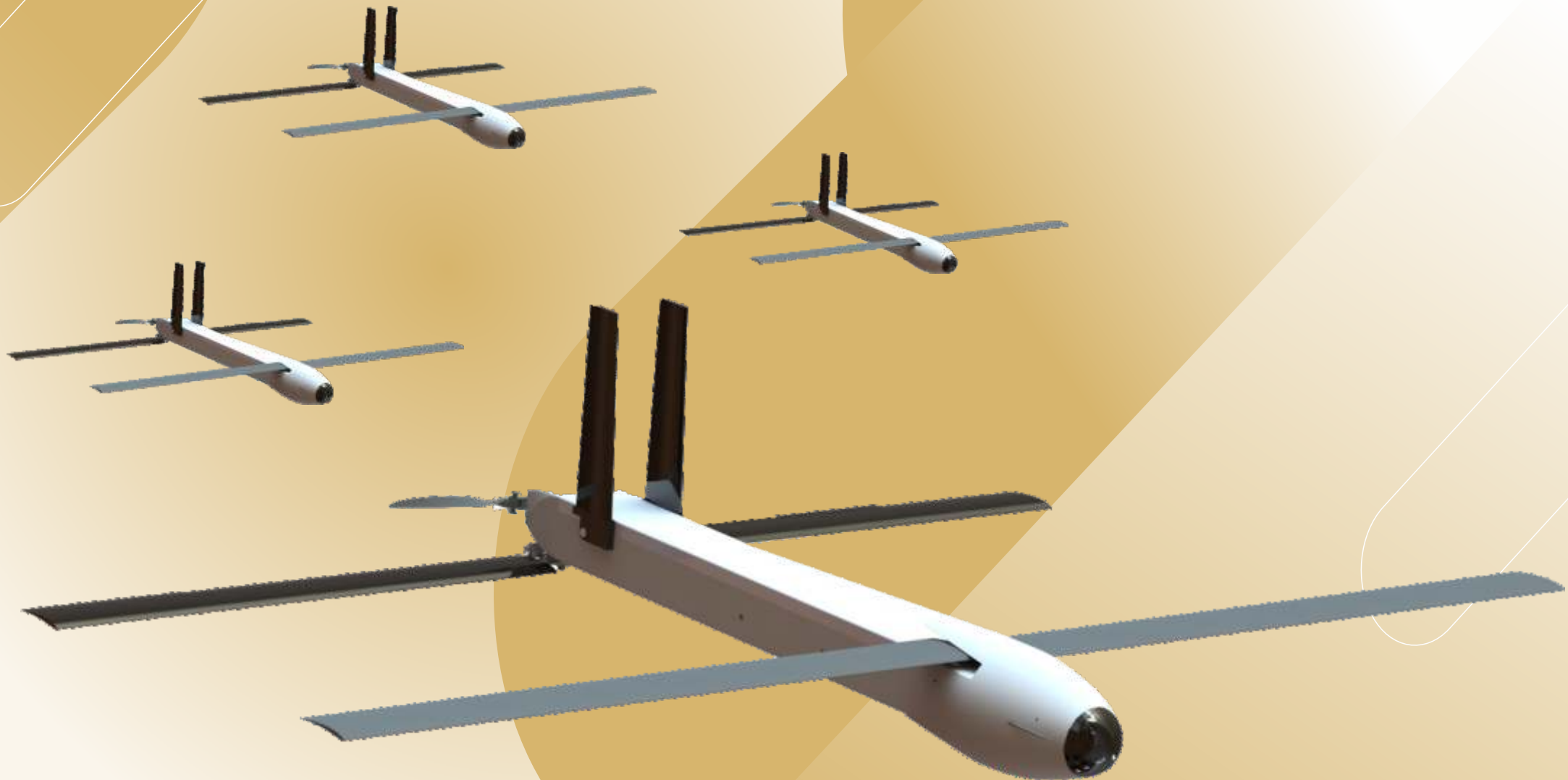


# **Weaponised Drones**



# ALFA - SUAS

Disruptive Technology Solution to  
Air Launch Swarm UAVs from a  
Fighter Aircraft



- Air/Canister launched fixed-wing multi-role swarming UAVs to enable network centric missions
- Distributed and multi-modal Intelligence Surveillance and Reconnaissance
- Kamikaze Strike capability



# ARCHER ATTACK DRONE



- Foldable and Easy to carry attack drone with total weight of 25 kg
- Paras Archer can carry 8 impact based bombs and a total 10 kg payload
- 20 km range with 40 minutes endurance





## RUDRASTRA

### Weaponised Hexa-copter Tactical Gravity Drop Munition System

- Vertical take-off and landing capability
- Advanced autonomous features make this an essential tactical weapon system.
- Carries high explosive fragmenting warheads to defeat soft skinned targets.
- Can be deployed with multiple security agencies.

## NAGASTRA-1

### Hand Launched Loitering Munition for Precision Strike

- A fully autonomous Man-portable Loitering Munition (LM) that can locate, acquire, and strike with high precision operator-designated targets with a 1 or 1.5 kg highly lethal warhead installed inside the fuselage.
- Its electric propulsion system provides low acoustic signature to make it undetectable by the enemy at height more than 200 m.
- Carries a High Explosive Fragmenting Warhead for soft-skin targets or anti-armour top attack warhead for combat vehicles. In Kamikaze mode, It allows troops and Special Forces to undertake covert operations.



## NAGASTRA-2

### ManPortable Loitering Munition for Defeat of Tank and other Armoured Vehicles.

- Loitering Munition with full autonomous capability having custom-built multi-mode antitank warhead. With an endurance of 90 min offers infantry a decisive advantage over adversaries' armour.
- Man portable with complete package weight of less than 25 kg and operated by crew of 2.
- Jamming resistant communication system makes it an ideal weapon system for precise tactical strikes in modern day battle field.





# TRINETRA

**State-of-the-art Autonomous  
Electrical Loitering Munition System**



- Indigenous with 85% IDDM to be added to the top line
- Range of 15km with 60min endurance
- 1 kg warhead
- Hand launch and canister launch
- A kamikaze autonomous attack drone with parachute recovery and reusability



ZMOTION AUTONOMOUS SYSTEMS PVT. LTD.

NCAGE No : **6516Y**



## ABHINANDAN HNX30D

- Designed for High-Altitude operations up to 5.5 km AMSL
- High endurance range of 7 hrs with long-range communication up to 100 km with Universal Radio system
- Extreme all-weather operations in temperatures ranging from -20°C to 55°C with 95% RH
- Built-in redundancies in Autopilot & Navigation subsystem
- Fail-Safe Capabilities in Case of Communication Loss,
- Low Fuel & Low battery etc
- Hybrid Propulsion system with IC Engine and Battery with High-altitude operations capability up to 5.5 km AMSL

## ABHAY 4R2SD

- Designed for High-Altitude operations up to 3.5 km AMSL
- High endurance range of 25 - 45 minutes contingent on the payload with long-range operations up to 5 km LOS
- Extreme all-weather operations in temperatures ranging -10°C to 55°C with 95% RH
- Day/Night operational capability with 10x (1280x720p) & (640x480p) IR/Thermal Camera
- Entire UAV system & accessories transportable in Single box or a backpack



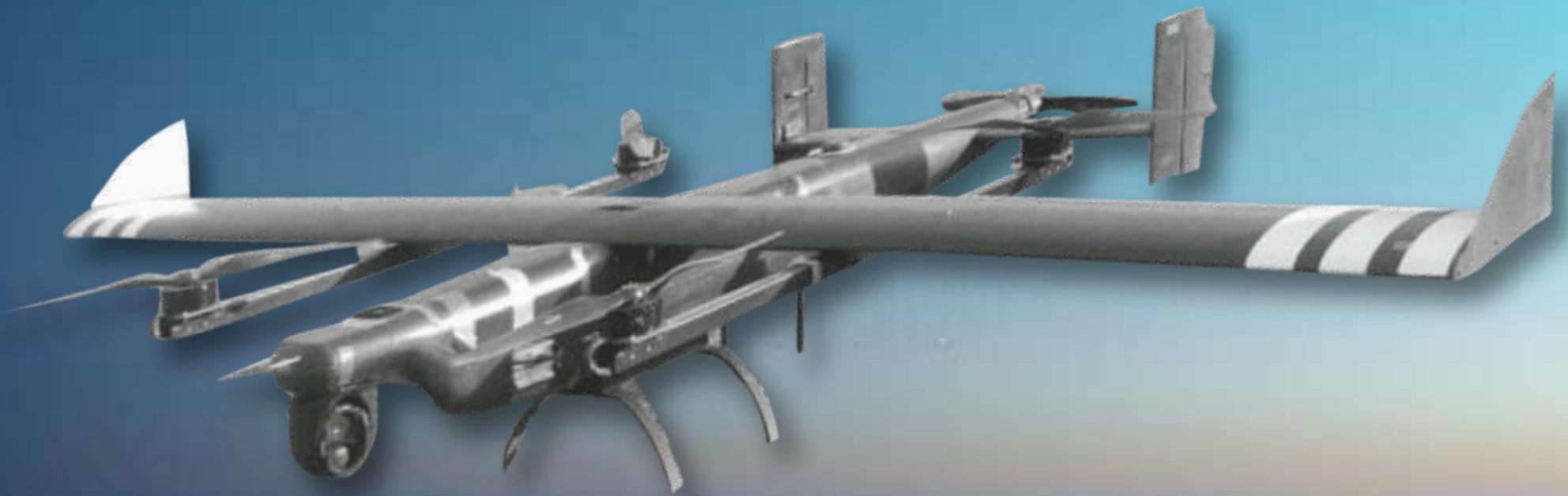
## AARAV ENX6SD+

- Designed for High-Altitude operations up to 5.5 km AMSL
- High endurance range of 2 - 3 hrs contingent on the payload with long-range operations up to 20 km LOS
- Extreme all-weather operations in temperatures ranging -10°C to 55°C with 95% RH
- Built-in redundancies in Autopilot & Navigation subsystem
- Fail-Safe Capabilities in Case of Communication Loss, Low battery etc
- Day/Night operational capability with 10x to 30x (1280x720p) & (640x480p) IR/Thermal Camera



# TATA ALS 50

**Fully Autonomous VTOL Loitering Munition System**



- Weight < 50 Kg with 50+ Km of range and 60+ mins of endurance
- Multiple Warhead Options
- Anti-Jamming Features in built
- Operable in GPS denied Environment
- Surveillance + Strike Capability
- Abort & Re-engage target with Multiple Attack angles



TATA ADVANCED SYSTEMS LIMITED

NCAGE No : **1RGMY**



# NAL OCTA - GEO



- Max. Pay load – 5 kg
- Endurance – 35 min
- Range – 25 km (can be extended based on mission needs)
- Operational Altitude - < 500m AGL
- Wind resistance – upto 10m/sec
- Regulatory Compliance - DGCA-NPNT
- Digital Sky, Geo fencing
- 360 degree collision avoidance



# ANUDISHYA

## Long Range Stealth LM

- Multi Role Jet Powered Loitering Swarming Munition System
- Maximum Speed of 500km/Hr with Effective Range Greater than 300km with payload of 20kg
- Air, Ground and Sea Launch Capable
- High Altitude and Sea Skimming Capable
- Manned and Unmanned Teaming Capable



## Jx2 NG

### Short Range LM

- Multi Role Short Range Loitering Swarming Munition System
- Maximum Speed of 200km/Hr with Effective Range Greater than 400km with payload of 10kg
- Air, Ground and Sea Launch Capable
- High Altitude and Sea Skimming Capable
- Manned and Unmanned Teaming Capable





# ABHYAS UAV



- High-Speed Expendable Aerial Target - Abhyas UAV which can achieve 600 km/hr-plus speed and also simulate environments for effective training.
- Maximum Take Off Weight (MTOW ) is 90 kgs, Maximum Speed 120 m/sec and control range of 75 km
- Integrated Avionics with Digital Autopilot and powered with Turbo jet
- Aerial Target - TEER is a platform for target practice for air defence weapons. equipped with onboard payloads, such as RADAR augmentation system, Infra-red and smoke flares and the Acoustic Miss Distance Indicator, the aircraft has high speed and manoeuvrability to emulate aerial







## FIXED WING UAV

### Weaponised Hexa-copter Tactical Gravity Drop Munition System

- Autonomous, mechanically and electronically Stabilized
- Short Take off (Take off within 10 meters)
- Fail Safe - Parachute Recovery system
- Return to home on loss of communication and low battery
- Endurance is minimum 60 minutes.
- Avg. speed is 85 Km/h in air
- Operational altitude - 6500 foot
- Plug-n-Fit assembly with minimum tools

## MULTI ROTOR UAV

### Hand Launched Loitering Munition for Precision Strike

- VTOL X-8 Configuration
- Size 2.0 m (3.0 m Tip to Tip)
- Max. take off weight 150 Kg
- Empty takeoff weight 58 Kg
- Tested payload 65 Kg
- Service ceiling 500m above ground
- Endurance minimum 30 minutes
- Average speed 50 Km/h in air
- Operating Temperature -20°C to 50°C
- Range max 50 Km (LOS)





# **Surveillance Drones**

# NIMBUS Mk-III

**High-altitude Multirotor Uav**

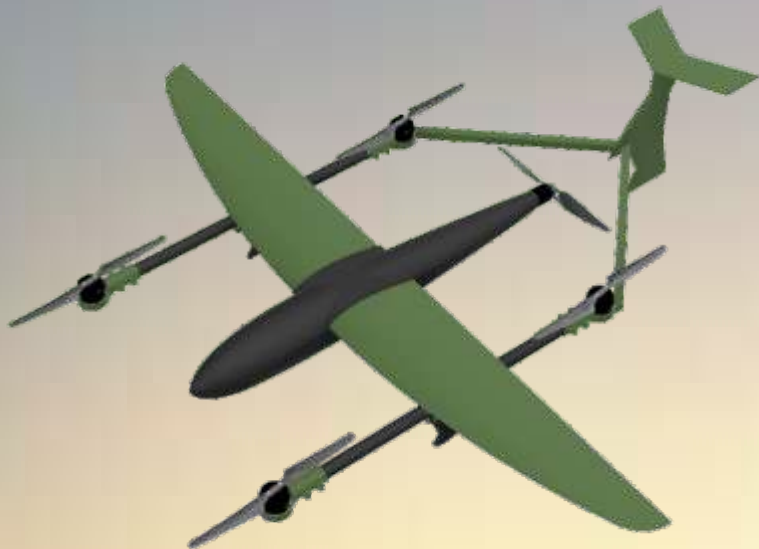
**NRT's 'Heterogeneous Swarm' is known to be an industry disruptor**



- Unmanned Heterogeneous Swarming UAVs empowers the military with effective resource utilization
- High-level decision-making yielding better mission-effectiveness
- Robotic agents in NRT's swarm react independently to emerging situations
- All fed the same high-level mission goals and are enabled to collaborate amongst themselves on-the-go.
- AI-enabled collaborative UAVs with distributed intelligence deliver asymmetric benefits in various missions.







## AIRBLADE

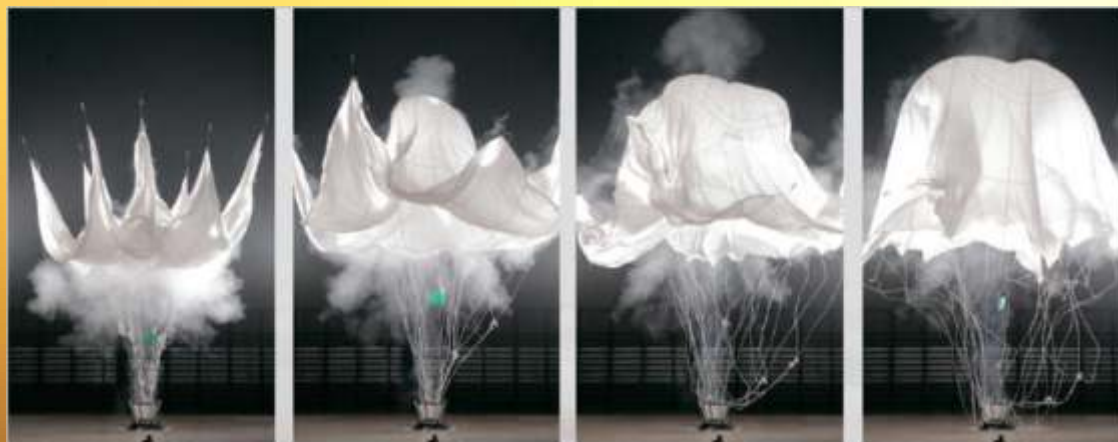
### VTOL Surveillance Drone

- Foldable and Easy to carry surveillance drone
- Paras Airblade VTOL can carry tactical long distance detection cameras with detection range of 5 km
- 20 km range with 120 minutes flight time

## FALCON

### Surveillance Drone

- Foldable and Easy to carry surveillance drone
- Paras Falcon Surveillance Drone can carry tactical long distance detection cameras with detection range of 5 km
- 20 km range with 60 minutes flight time



## DRONE PARACHUTES

- Foldable and Reusable smart parachute systems for drone safety
- Paras Drone Parachutes can save attack drones in events of a cyber attack with the help of parachute processing system
- Parachutes range from drone weight of 2 kg to 2000 kg





## A410-XT

**A vertical take-off and landing small UAS with high endurance and advanced payload capabilities for surveillance**

- Tool-less assembly & disassembly
- Fail-safe for low battery, communication loss
- Point & click user interface with IP53 Ingress protection
- Endurance - Up to 60 min, Speed - Up to 50 km/hr, Altitude ceiling - 3000 m AMSL, All Up Weight - < 7Kg, Temperature - (-20° to 55° c), Wind Resistance - Up to 35 km/hr

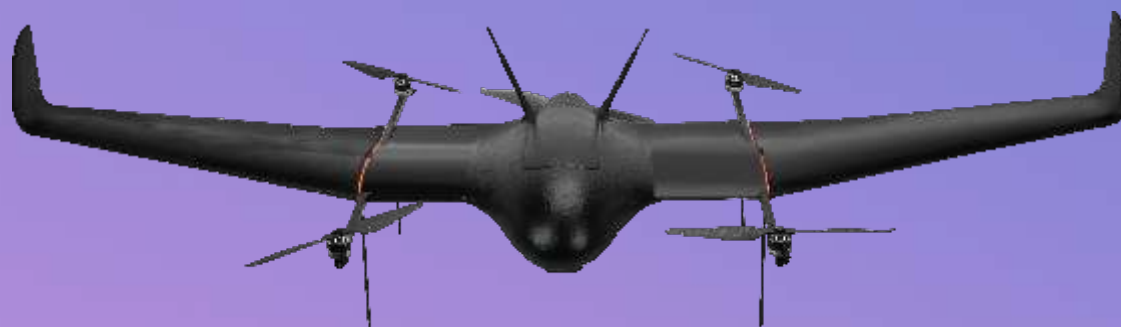
## AT-15

**A vertical take-off and landing fixed wing UAV for long range surveillance**

- Automated motion detection & target tracking
- Digital, AES-128 bit encrypted communication link
- Automated operation from take-off to landing
- Gimbal stabilized dual EO/IR payload

### • Technical Specification :

Endurance - Up to 120 min  
Speed - Up to 60 km/hr, Service  
Altitude ceiling - 6000 m AMSL,  
All Weight - < 10Kg,  
Temperature - (-20° to 55° c),  
Wind Resistance - Up to 40 km/hr



## A200-XT

**A cost-effective small UAV with advanced automation and quick deployment for defence and homeland security**

- Dual redundant GPS & high wind fail-safe
- Automated operation from take-off to landing
- Point & click user interface

### • Technical Specification :

Endurance - 40+ min  
Speed - Up to 40 km/hr,  
Altitude Ceiling - 3000 m AMSL,  
All Up Weight - < 3Kg,  
Temperature - (-20° to 55° c),  
Wind Resistance - Up to 40 km/hr





## NETRA V4

### The High-altitude Sentinel

- Flight time of 60 mins and range of 5km with AMSL rating 6000m (19685.04 ft)
- Advanced Autonomy Terrain avoidance and Night-time People detection
- Toolless assembly & Swapable Payloads

## SWITCH

- Flight time of 120 mins with AMSL rating 4000m (13123.36 ft) having take-off weight up to 7Kg
- Moving Target Tracking and Conduct over-the-hill operations
- First to Technically Qualify - Indian Army Mini UAV RFP



NETRA V4



SWITCH







## SHORT

**Light weight and agile surveillance drone**

- Day and Night surveillance using HD day camera and Thermal Imager
- 50 mins flight time, highest in its class
- Range of 25kms for wider area surveillance
- Negligible aural and visual signature at 250m
- Multiple failsafe features

## mR10

**High endurance, long range, customizable surveillance drone**

- 1.5 hrs flight time
- 35 kms range
- High grade EO/IR cameras, customizable to suit specific requirements
- AI enabled for automatic detection and tracking



## BHARAT

**Man-portable surveillance drone with enhanced capabilities**

- Gimbalized optical zoom cameras for day and night surveillance
- 40 mins flight time with a range of 15 kms
- Configurable for high altitude operation
- Resistant to light rainfall & snowfall





## VERTICOPTER

**Designed & developed In-House,  
The Verticopter is an eVTOL drone,  
Perfect for drone-based logistics  
operations in urban landscape.**

- Payload Capacity of 5 Kg  
With a Range of 20 Km
- Maximum speed of 45 Km/h with Maximum  
Height of 4000 Metres
- Vertical Take Off and Landing with Fully  
Autonomous Operations Failsafe Features
- Return to Launch and Battery Failsafe
- Triple Redundant C2 Link
- Dual Redundant Propulsion Ultimate failsafe-  
Parachute Recovery
- Night Operations Capability Detect and Avoid  
Obstacle Avoidance
- Centralised Command and Control

## VERTIPLANE X3

**Vertiplane X3 is our flagship product,  
The Made in drone is a Hybrid e-VTOL drone  
i.e. it has the capability of long range  
fixed-wing and VTOL (Vertical Take Off Land).**

- Flying Range of 100 km
- Maximum speed of 120 kmph
- Payload Capacity of 3-5 Kgs
- Max Height: 4500 m (AMSL)
- Temp. Range : -15 °C to 60 °C







## TALV-TACT

**TALV-TACT is a Tactical grade small unmanned aerial system combines industry leading endurance & payload capacity and it is designed for multi- mission and rapid deployment capabilities**

- Swappable 3 axis gyro stabilized PTZ EO/IR and Thermal payloads with Multi-role adaptability with modular payload architecture
- Full digital transmissions Video and Data-with AES 256 bits encryption up to 10 km
- Indigenous content above 80%
- Deployment time less than 1 min

## DEFENDER

**The Defender is an indigenously built anti-drone platform to actively track rouge drones via vision-based techniques & neutralize rouge drones using net (non - lethal) and it's augmented by powerful artificial intelligence**

- Locate / lock
- Active track
- Neutralize via net



## NIMBLE-I

**Military grade micro unmanned aerial system with generous performance and plenty of first in class features, with its extended capabilities it will increase the operational potential**

- Ultra-portable for rapid deployment
- Rapid & single person deployment/Launch and recovery by palm
- Highly intuitive GCS with the transmission range of 5 km







## DUAL SPECTRE

- Designed for High-Altitude operations up to 5.5 Km AMSL
- High endurance range of 7 hrs with long-range communication up to 100 km with Universal Radio system
- Extreme all-weather operations in temperatures ranging from -20°C to 55°C with 95% RH
- Built-in redundancies in Autopilot & Navigation subsystem
- Fail-Safe Capabilities in Case of Communication Loss, Low Fuel & Low battery etc
- Hybrid Propulsion system with IC Engine and Battery with High-altitude operations capability up to 5.5 Km AMSL

## SDE FW

- Designed for High-Altitude operations up to 3.5 Km AMSL
- High endurance range of 25 - 45 minutes contingent on the payload with long-range operations up to 5 km LOS
- Extreme all-weather operations in temperatures ranging -10°C to 55°C with 95% RH
- Day/Night operational capability with 10x (1280x720p) & 640x480p IR/Thermal Camera
- Entire UAV system & accessories transportable in Single box or a backpack



## SDE SPECTRE TEAR GAS GRENADE LAUNCHER

- Designed for High-Altitude operations up to 5.5 Km AMSL
- High endurance range of 2 - 3 hrs contingent on the payload with long-range operations up to 20 km LOS
- Extreme all-weather operations in temperatures ranging -10°C to 55°C with 95% RH
- Built-in redundancies in Autopilot & Navigation subsystem



## DRISHYA MINI

**Designed & developed In-House,  
The Verticopter is an eVTOL drone,  
Perfect for drone-based logistics  
operations in urban landscape.**

- A short range, 30-minute, day/night surveillance quadcopter specifically developed for Paramilitary and Law Enforcement Agencies.
- Less than 4kgs with a range of 4-5 kms with operating altitude of 120m AGL.
- Payload Capacity of 5 Kg with a Range of 20 Km
- Maximum speed of 45 Km/h and Maximum Height of 4000 Metres Vertical Take Off and Landing
- Fully Autonomous Operations



## DRISHYA PRO MkII

**Vertiplane X3 is our flagship product, The Made in drone is a Hybrid e-VTOL drone i.e. it has the capability of long range Fixed-wing and VTOL (Vertical Take Off Land).**

- Quadrotor Surveillance UAV (Day/Night) with an endurance of more than 60 minutes.
- Light-weight, easy to carry/operate and an autonomous UAV, with a range of 8-10 kms.
- Operating altitude of 400m AGL and can be launched from a maximum altitude of 3000m AMSL with a highly customizable User Interface.
- A rugged UAV, designed specifically for operations in rugged environments with a day & night payload, with FHD quality video data.
- Additional intelligent features like target tracking and moving target finder.
- Can withstand extreme temperatures from -10C to 55C and developed for operations in extremely humid tropical conditions with RH of 95% at 40C and also tested for Ingress Protection of IP53 standards.





# TATA IVTOL 20

**Man Portable, Autonomous VTOL Surveillance UAV**



- Weight <20Kg with 20+ Km of range and 120+ mins of endurance
- Fully autonomous
- Low signature
- Anti-Jamming features in built
- Quickly deployable
- Day & Night EOIR (camera)



TATA ADVANCED SYSTEMS LIMITED

NCAGE No : **1RGMY**



# DOOT MK-1



- Nano-sized drone with a compact size of 155x135x55mm (under 300 grams)
- Can be easily launched from hand within 10 seconds.
- Can fly in both GPS and Non-GPS environments in LOS (Line of Sight) and Non-Line of sight for up to 30 minutes.
- Very small size, signature, and noise which make it very hard to detect by anyone.
- Can be operated in both day and night conditions up to 1.5 KM.
- Featured with AI based person/target/object detection
- Can be used as an undetectable Kamikaze UAV.



# DRISHTI 10 (HFE)

Developed for Risky and Challenging  
Surveillance and Reconnaissance



- Indigenized platform with ecosystem of capabilities setup in India
- Only unmanned military platform with STANAG 4671 certification
- A large internal bay for special missions and 4 hard points on the wings
- Endurance: 35+ hours; Payload weight: up to 450 kg; Altitude: 30,000 ft
- Fully autonomous and SATCOM based operations



ADANI DEFENCE AND AEROSPACE

NCAGE No : **6503Y**



## AIRAVAT® T25

### Tethered UAS

- Persistent Air Surveillance for continuous & superior monitoring.
- Top notch defence grade hardware
- Achieved > 70% indigenization with enclosed PCBs, motherboard, sub-systems and components, winching system and power unit
- Foldable arms ensures compact equipment storage

## SPYD® S4

### ISR Operations - Surveillance UAV

- Portable and rapidly deployable
- Robustly built to endure harsh environment
- Top notch defence grade hardware
- Multiple failsafe features (low battery, communication failure, dual GPS, high wind gust) ensures higher safety
- Achieved > 70% indigenization with enclosed PCBs, motherboard, sub-systems and components
- One - Crew operability



## AIRAVAT® D50

### Air Cargo & Delivery

- Robustly built to endure harsh environment
- Top notch defence grade hardware
- Multiple failsafe features (low battery, communication failure, dual GPS, high wind gust) ensures higher safety
- Achieved > 70% indigenization with enclosed PCBs, motherboard, sub-systems and components
- Foldable arms ensures compact equipment storage







## DRISHTI

- Drishti is a lightweight Hexacopter Surveillance drone. It is designed for beneficial applications like Reconnaissance & Aerial surveys.
- The power of Drishti is its compatibility with many vision sensors and HD video transmission.

## HEAVYBOT

- Heavybot is a customizable drone with a Coaxial octocopter, Hexacopter, Hybrid VTOL, and even a single rotor helicopter drone.
- The primary function of Heavybot is Logistics, and it is designed to move goods.



## SURVEYBOT

- Surveybot is a drone designed for aerial surveys with sensors, accuracy, and Terrain Compatibility. It has in-built sensors for secured drone monitoring and accurate data collection.
- The primary function of a Surveybot is to fly over the land for data collection and processing.
- Provides highly defined images with its sensors





## VAJRA

- VAJRA is a UAV made of carbon fibre is also stable, strong and has strong landing gears.
- Flight time of 60 mins. range is upto 20km.
- Drone can handle multiple payloads at a time.
- The take-off weight is 6 kg.
- Daylight 10X, Daylight 30X, Thermal, Integrated EO-IR Multispectral cameras, LIDAR and more payload option

## INDOOR DRONE

- Indoor drones come with a cage for 360° protection and they fall under the micro class UAVs.
- These drones can work even in places where GPS is denied.
- The drone is made up of carbon fibre frame as well and hence makes it strong, light and stable.
- Indoor drones are specially provided with advanced AI options.
- It can carry payloads of 400-500 gms weight & the flight time is more than 10 mins.
- High Resolution RGB camera, Thermal Radiometric camera, 3D LIDAR.
- SLAM, AI, Computer Vision and more advanced features



## BHIMA

- Bhima is a heavy lifting drone and still remains ultra light because of the carbon fibre material.
- Bhima is highly rugged and ensures long endurance.
- This UAV can handle multiple payloads of 5 to 15 kg.
- With a flight time of 30-60 mins and heavy lifting capacity, bhima can complete any task at ease.
- The drone has a range of upto 30 km.
- Daylight 10X, Daylight 30X, Thermal, Integrated EO-IR Multispectral cameras, LIDAR and heavy Payload for disaster management, Delivery applications, Transponder, Hyperspectral cameras and more
- Carry more than one payload and camera at once.



## TETHERED DRONE

- Thethered drones are ones with additional power supply which can lengthen the flight time.
- This drone has a flight time of 30-60 mins and a range of upto 5 km.
- Tethered drones can handle multiple payloads of 5-10 kgs.
- The ground tether station is only 21 kg heavy and can supply upto 3600W of power.
- Daylight 10X, Daylight 30X, Thermal, Integrated EO-IR and Transponders, Radars, Relays and much more.





# JOHNNETTE JF-2 RUNWAY

Independent Hand Launched Fixed Wing UAV



- Johnnette JF-2 is a lightweight hand launched fixed-wing drone designed for surveillance & reconnaissance operations.
- Its payload includes a high-definition two in one Day camera and Thermal Imaging camera
- Ideal for day and night operations.



JOHNNETTE TECHNOLOGIES PVT LTD

NCAGE No : **6505Y**



# VAJRA

INDIA'S High Efficient Jet Engine  
Powered Tactical Drone



- Range - 160 Km
- Cruise Speed - 30m/s
- Payload Capacity - 5 Kg
- High Quality HD Camera
  - Images & Live Video Streaming
- Thermal Camera for Day & Night Feed
- Anti Radar Navigation
  - Without Ground Communication
- Lidar Camera
  - Foliage Penetration
  - Dense Forest
  - Mountains Areas
- Software - CDL Lockheed Martin



GARUDA AEROSPACE

NCAGE No : **6504Y**

1 to 3

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6 to 9

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