



**A Skyward Symphony**

**COMRADO Aerospace Private Limited**

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# TITAN

Guardian Of The Sky



Imagine eyes that never blink, tirelessly scanning vast landscapes. COMRADO TITAN hovers above, safeguarding borders, and ensuring our safety. Their lenses pierce through the veil of secrecy, revealing truths hidden in plain sight.

**Reliability:** The aircraft has built in mechanical, aerodynamic, propulsive and electrical redundancies making it highly reliable in challenging environments.

**Versatility:** Being able to operate from -20°C to +50°C and from sea level to more than 5500m, the aircraft is designed to perform all over India and can be utilized by Army, Navy, Airforce and Para-military forces.

**Adaptability:** With VTOL capability and variable payloads, the aircraft can adapt to multiple mission requirements ranging from high endurance surveillance to long range payload delivery.

**Ergonomics:** The aircraft has a novel unconventional design for ergonomic loading-unloading of payload and ease of operation and maintenance.

**Payload Delivery / Drop:** With long-range operation aircraft is capable to deliver critical payloads with high speed even in harsh environment be it mountains, deserts or sea.

**Surveillance:** The aircraft is capable of flying for more than 10 hours and beyond line-of-sight providing surveillance capabilities to military and para-military forces.

**Communication Relay:** Having variable payload capability, the aircraft can be utilized as communication relay and provide a tactical advantage both at sea and rough terrains.

**Reuseable Munition Carrier:** The aircraft is designed to be able to track target, drop munition with high accuracy and return fast, making them suitable to be utilized as reuseable munition carriers.

## Category

Medium

## Max. launch Altitude

4000 m AMSL

## Max. Cruise Altitude

5500 m AMSL

## Payload

1 x 5kg capacity Cargo pod/  
Mountable munition

## Maximum Range

More than 200 Km and Return

## Loiter Endurance

4 hours

## Operating Temperature Range

-20 to 50°C

## Operating altitude @ Max.

Launch Altitude

1000 m AGL

## Operating Wind

Beaufort level 5; up to 40 Km/h

## Launch and recovery

VTOL within 10 x 10 m

## Payload delivery

Cargo: Release on landing or dead drop

## Situation awareness

EO and IR camera system on a  
gyrostabilized gimbal