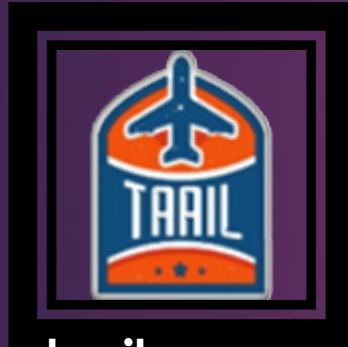




Aviation ! Aerospace ! Defence ! Space ! Titanium ! Mining !



taail.com



india-tdsl.com



india-tgssl.com



titangroup.in

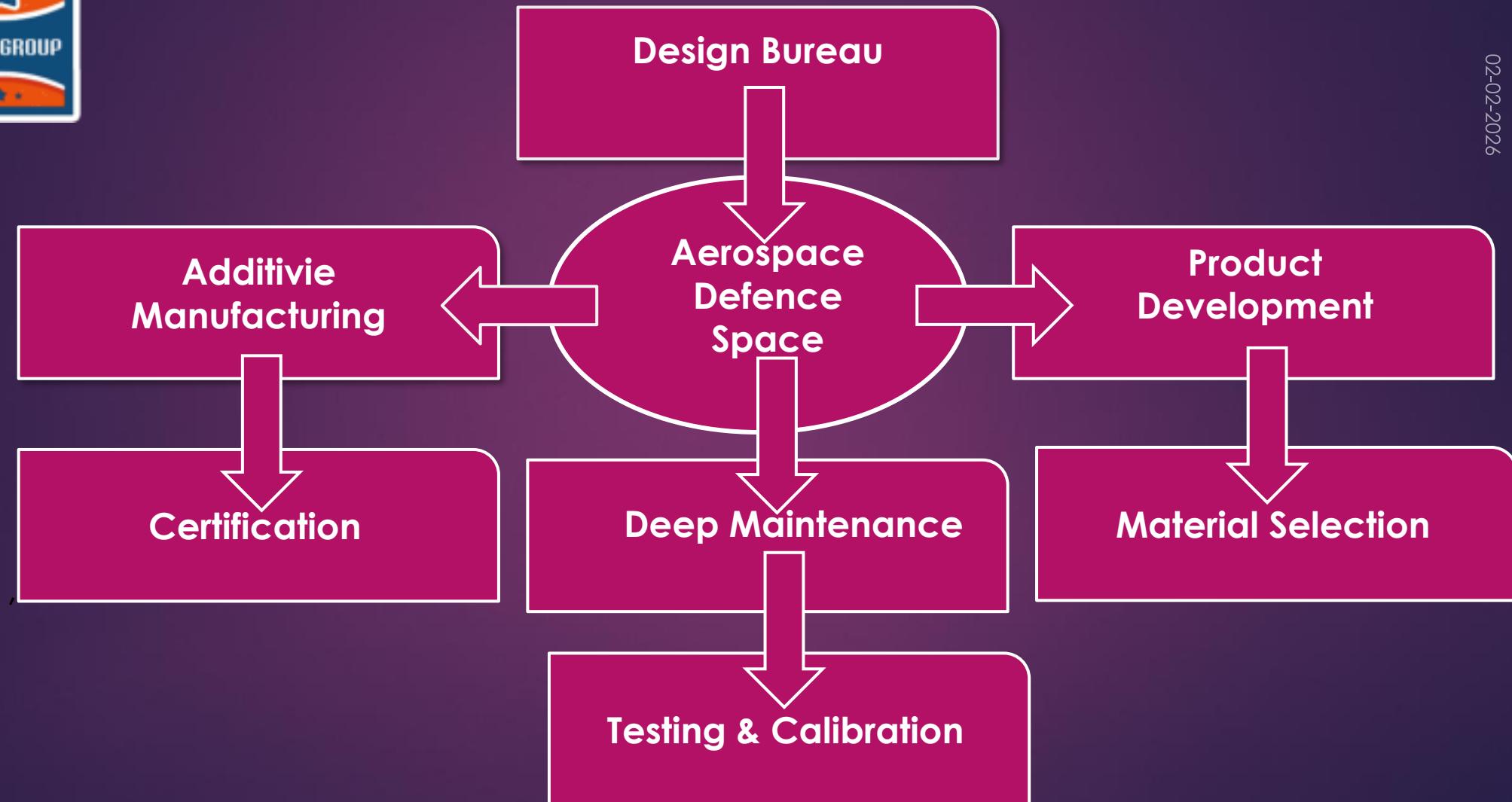
www.titangroup.in



Proposed Components in the Projects

2

02-02-2026





Titan Group Collaborators



Simulators



Engine Repair



IPMS



Engine & Heli



UKRAINIAN AERIAL VEHICLES

MRO



Aviation University



Electron Beam



Drones

TAHA UGV
Unmanned Land Vehicles



Anti Drone Guns & Drone
Detection Radar



Team Titan



Gen Sharma



Giri



Dinesh



Srikanth



Sridhar



Raj



Anil



Shyam



Santosh



Dilip



Dr Khan



Srinivas



Overseas Team

02-02-2020



Chechel



Benton



Los



Lyubomir



Tit



Adamovich



Vadym



Oleksander



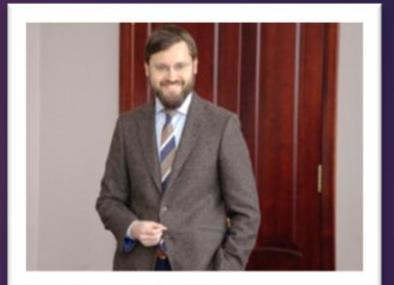
Vlashyen



Aleksey



Voith



Usov



Proposed Site for Aerospace

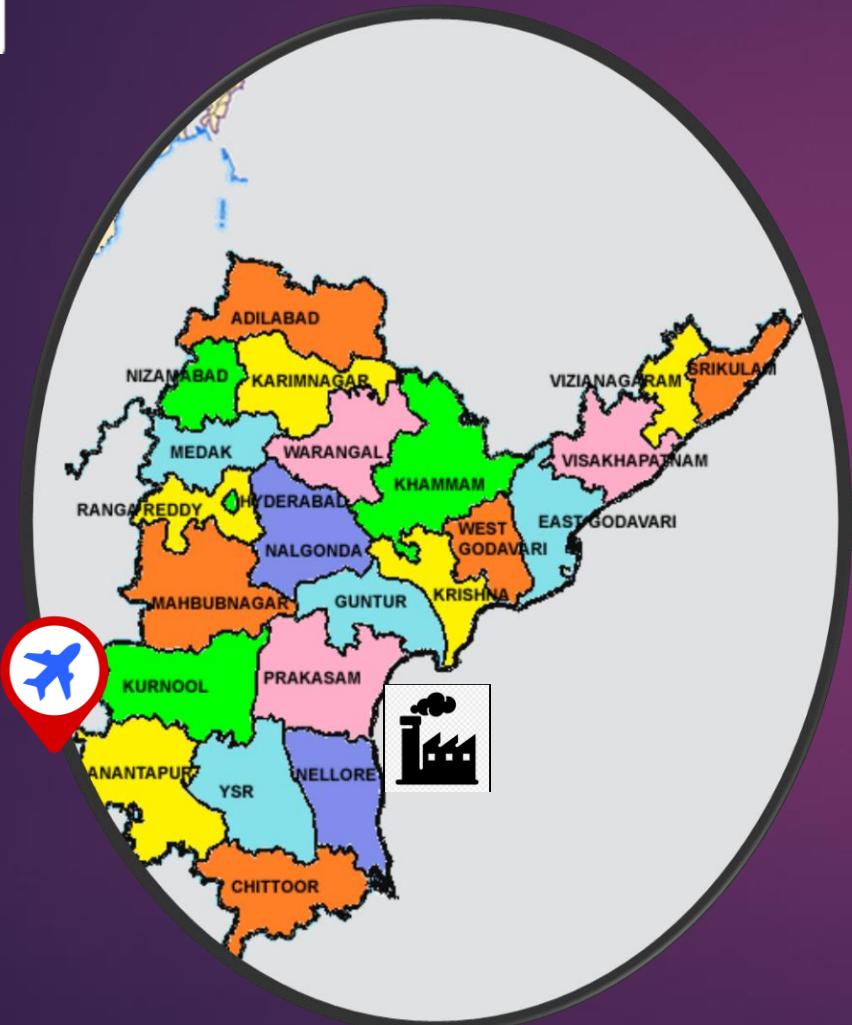


Titan Aerospace intends to lease or acquire Kurnool Airport for captive use.

(MRO) Maintenance Repair Overhauling for Aircrafts and Helicopters will be performed here Along with Simulators for civil aircrafts and helicopters.



Proposed Site for Defence Production

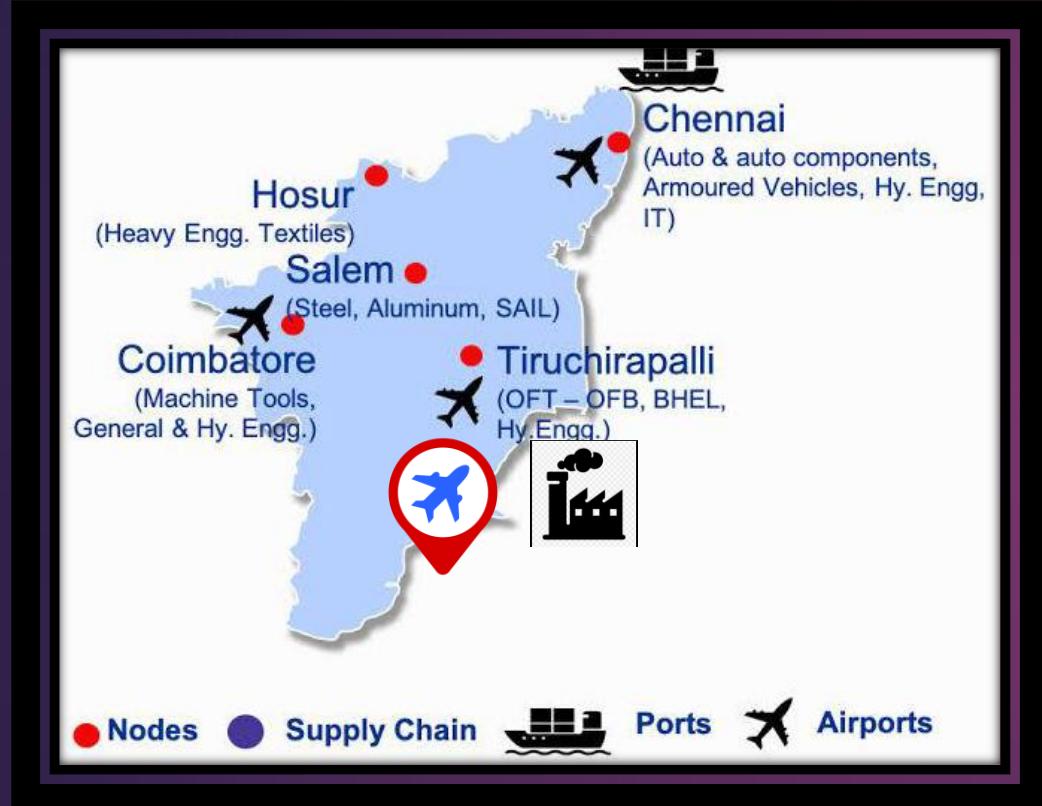


Titan Defence is proposing to establish additive manufacturing for aerospace and defence verticals in Donakonda Defence Corridor or Kurnool Defence Cluster in Andhra Pradesh. This includes Aircrafts, Helicopters, Drone, Engines, Combat Vehicles, Body Armor Jackets.





Proposed Site for Defence Production



Titan Defence has a land allotment of 6000 Acres in Tamil Nadu Defence Corridor in Madurai Node. Titan proposes to establish additive manufacturing for aerospace and defence verticals.

This includes Aircrafts, Helicopters, Drone, Engines, Combat Vehicles, Body Armor Jackets.





Common Facility Center for Aerospace, Defence, Space

02-02-2026

3-D Printed Components & Accessories



A Common Facility Center with Additive Manufacturing Facility for Aerospace Defence & Space Verticals by Using 3-D Printers



Heli Hoping Air Ambulance & Development of Heliports

TDSL intends to create Heliports at all District Head Quarters in the State of Andhra Pradesh

TDSL will deploy Helicopters for Highway Patrolling & Air Ambulance

TDSL intends to create Airfield & MRO Facilities at Donokonda Node in AP





Activities in Aviation Vertical

Civil Sims, Air Charters, Aviation University



Full Flight Simulators for Aircrafts & Helicopters, Air Charters with Double Engine & Pressurized Cabins, Skill Development through National Aviation University (Ukraine)

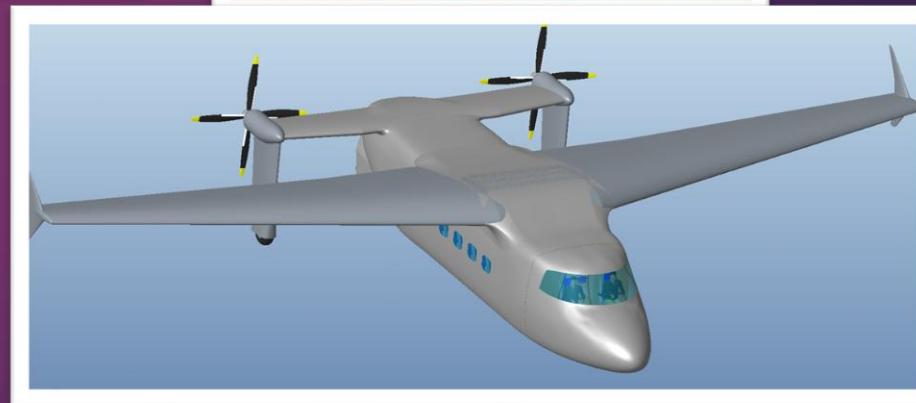
Product Line in Aerospace Vertical



Leasing of Airport, MRO for An 74 Family this Includes An 32, An 74, An 148 An 158, An178. Mi-18, Mi-17 and Mi-171 Helicopters.



Product Line in Aerospace Vertical



**Assembly Line to Production Line for Aircrafts, Sea Planes
including Test and Certification**



Product Line in Aerospace Vertical

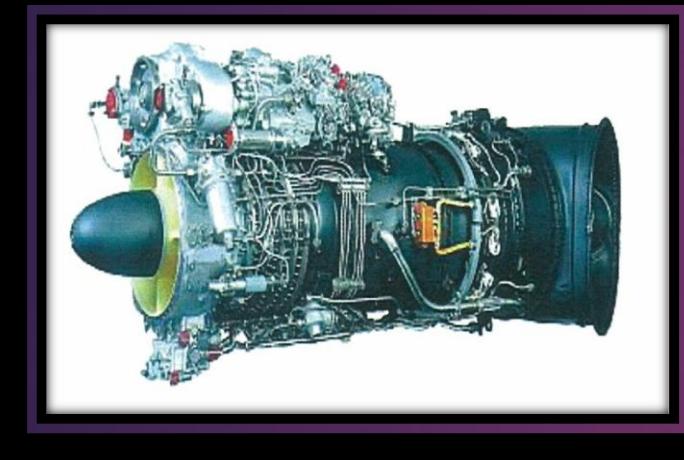


Manufacturing of different variants of Helicopters like Single & Dual Engine with V... and Passengers Cabin Configuration or Combo of both Passenger & Cargo or Convertible Cabins from VIP to Passenger or vice versa



Product Line in Aerospace Vertical

02-02-2026



Manufacturing of Large Commercial Aero Engines for Aircrafts, Helicopters like Turbo Jet, Turbo Prop and Turbo Propop. In addition to this Engines for Drones, Combat Vehicles and Satellites.



Product Line in Defence Vertical

02-02-2024



Body Armor Jackets, Tactical Suits, EOD Bomb Disposal Suits, Riot Suits, Riot & Tactical Suits for Working Dogs



Product Line in Defence Vertical

17

02-02-2026



Head Gear and Accessories for Soldiers



Product Line in Defence Vertical Short Arms & Automated Rifles

18

02-02-2026





Product Line in Defence Vertical

19

02-02-2026

Drill cartridges

TECHNICAL DATA

Available calibres:

- 9x51mm, 40.55W, 45 A.C. 4.6x30mm, 5.56x45mm, 7.62x51mm,
7.62x39mm, 12.7x99mm, 12.7x108mm
- Other calibres upon customer's request.*

Plastic drill cartridges

- Cartridge base made from plastic in +10HRC with self lubricating additive
- Base of cartridge made from brass or aluminium
- Buffer Buffer in base for fring pin protection
- Cartridges provided in orange colour or upon customer's request

Brass and steel drill cartridges

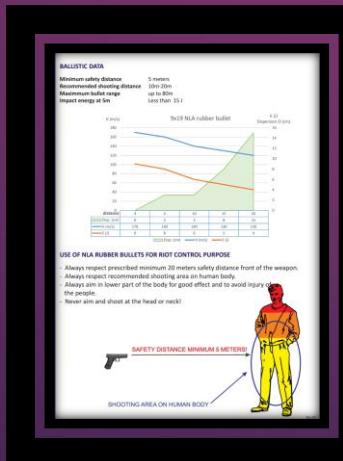
- Cartridge made from Brass
- Cartridge made from Steel

Drill cartridges

7.62x39mm plastic blank ammunition	
TECHNICAL DATA	
Designation	7.62x39 plastic blank ammunition
Calibre	7.62x39mm
Product number	50082
Cartridge material	PE 10
Base	24x10
Primer	baser, large rifle
Propellant	NC powder
Colour	red
Cartridge weight	6.3g
Operational temp. range	-10°C to +50°C
Storage	Temperatures and conditions as for live ammunition. Long term storage: +5°C to +30°C for 8h up to 80h. Long term storage conditions to be valid only for ammunition stored in original sealed outer packaging. 20 years during long term storage in warehouse.
Shelf life	1.45, UN 0014
Hazardous code	
USE	
RFIffex	All versions of AK-47 and its relatives, 7.62x39
RFifex modes	Semi-auto and full auto mode with ARIEX blank firing attachment.
Firing modes	Hand-firing and Firing by gas with primers.
BALLISTIC AND OTHER DATA	
Safety template	5 meters front of the muzzle with ARIEX blank firing attachment.
PACKING	
Marking and packing:	In accordance with STANAG 2953 ACP-2 and regulations of ADIR, RID, ADIR CIRE and RID CIRE.
Inner packaging:	30 rounds in individual cartridge box
Intermediate packaging:	Waterproof sealed plastic bag
Outer packaging:	cardboard box: 63 inner boxes, total of 1,890 cartridges or wooden box: 78 inner boxes, total of 2,340 cartridges
Packing and marking could be done according to customer's requirements.	

TECHNICAL DATA	
Designation	9x19 NLA Non-Lethal rubber bullet ammunition
Pistol calibre	9x19mm
Cartridge case	Plastic PE HD - Blue colour
Bullet	Alloy
Bullet weight	85 grs - yellow colour
Base	6.0g
Brimer	Zn-AlO
Weight	2.9g
Non-toxic and Non-Corrosive	
Weight	= 2.8g
Operational temp. range	-10°C to +50°C
Shelf life	5 years
Storage	Temperature and conditions as for live ammunition
Hazardous code	1.45, UN0032
MAIN CHARACTERISTICS	
<ul style="list-style-type: none"> The plastic, special rubber material and cartridge construction result in optimum performance from our rubber bullet ammo providing for Non-Lethal effect at optimum distance. Blue coloured cartridge case and yellow bullet provides an additional instant visual reference to Non-Lethal ammo avoiding user mistakes by reducing likelihood of mixed Non-Lethal and live ammunition. Low noise and weapon recoil. Weapon operates with hand cycling for single shot by shot shooting. No automatic or semi-automatic shooting. 	
USE	
Weapons	semi-automatic pistols & calibre 9x23
Firing mode	single shot by shot with hand cycling
Purpose of use	Riot control
	Training and target shooting
STANDARD PACKING	
10 rounds in plastic tray / inner box; 1,000 rounds in cardboard box or 10 rounds in plastic tray / inner box; 3,000 rounds in wooden box	
Packing and marking could be done according to customer's requirements.	

TECHNICAL DATA	
Designation	7.62/39mm
Bullet calibre	7.62/39mm
Cartridge case	Plastic PE 7.62 - Blue colour
Bullet	Rubber bullet - Blue colour
Bullet weight	1.07g
Barrel	24.5cm
Propellant	NC powder
Primer	SFRM - Non-toxic and Non-Carcinogenic
Brass weight	~5.8g
Operational temp. range	-30°C +30°C
Shelf life	5 years
Storage	Temperature and conditions as for live ammunition
Handled code	145, UN0012
MAIN CHARACTERISTICS	
The plastic, special rubber material and cartridge construction result in optimum performance from our rubber bullet ammos providing for Non-Lethal effect at optimum distance.	
Blue coloured cartridge case and yellow bullet provides an additional instant visual reference for Non-Lethal ammo avoiding user mistakes by reducing likelihood of mixed fire with live ammunition.	
Low noise and weapon recoil.	
Weapon operates with hand cycling or single shot by shot shooting. No automatic or semi-automatic shooting.	
USE	
Weapons	rifles in calibre 7.62x39
Firing mode	single shot by hand cycling
Purpose of use	Non-lethal training
STANDARD PACKING	
50 rounds in cardboard box, 2,340 rounds in wooden box	
50 rounds in cardboard box, 1,890 rounds in outer cardboard box	
Packing and marking could be done according to customer's requirements.	





Product Line in Defence Vertical

MAIN COMBAT TASKS:

- neutralization of sheltered and unsheltered enemy war material (including armour material)
- neutralization of enemy manpower
- neutralization of fortified and non-fortified point and area targets

TECHNICAL DATA

Projectile mass (kg)	43.1
Projectile length (with nose plug) (mm)	684
Fuze	Impact, SQ and delay UTIU, M15
Muzzle velocity (m/s)	690 (Zone 8)
Maximum range (m)	18.400 (Zone 8)
Powder Type	NCD 26 (Zone 8)
Powder mass (kg)	9.4 (Zone 8)
Primer	TK M82 P2

PACKING

* Projectile	8 pcs per pallet
Dimensions	360 mm x 765 mm x 829 mm
Gross weight	360 kg
Volume	0,23m ³
UN no.	0242
Hazard class	1.3C
* Primer	1000 pcs per case
Dimensions	572 mm x 375 mm x 262 mm
Gross weight	50 kg
* Propelling charge	20 pcs per box pallet
Dimensions	1060 mm x 720 mm x 1000 mm
Gross weight	308,4 kg
* Fuze	8 pcs per metal box
Dimensions	300 mm x 144,5 mm x 188 mm
Gross weight	7,7 kg

FUZE
UTIU, M15

155 mm Ammunition Shells



Product Line in Defence Vertical

ACE ONE
AI powered combat drone with stealth technology and swarming capabilities

Features:

- High speed and low observability
- AI decision making
- Remote and autonomous control
- Swarming solutions
- Loyal wingman capabilities
- Multifunctionality
- Affordability



Drones with different Pay Load Capabilities and Endurance



Product Line in Defence Vertical

22

02-09-2026

Upgradation & Modernization of Combat Vehicles



Manufacturing of Armored Personnel Carriers & Combat Vehicles





Product Line in Defence Vertical



Armored Combat Vehicle
with 6 x 6 Wheel Configuration



Infantry Fighting
Vehicle Equipped with
a 30mm Turret



Command
Post Vehicle



Armored Police Vehicle



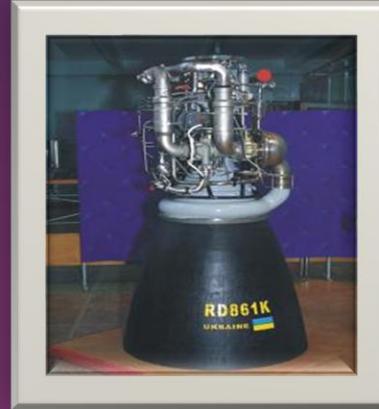
Medical Evacuation
Vehicle Medical



Tactical Vehicle
with Electronic
Intelligence System



Product Line in Defence Vertical



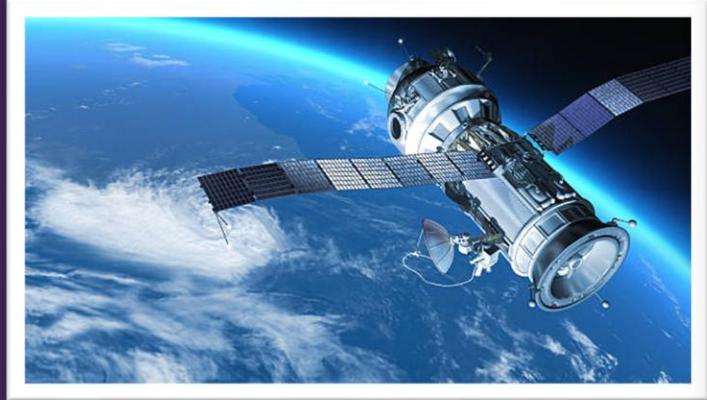
Manufacturing of Titanium Air Balloons, Seeker Heads, Necking of Missile Heads of Missile Chamber



Product Line in Defence Vertical



**Manufacturing of
Night Vision
Devices & Stealth
Textile**

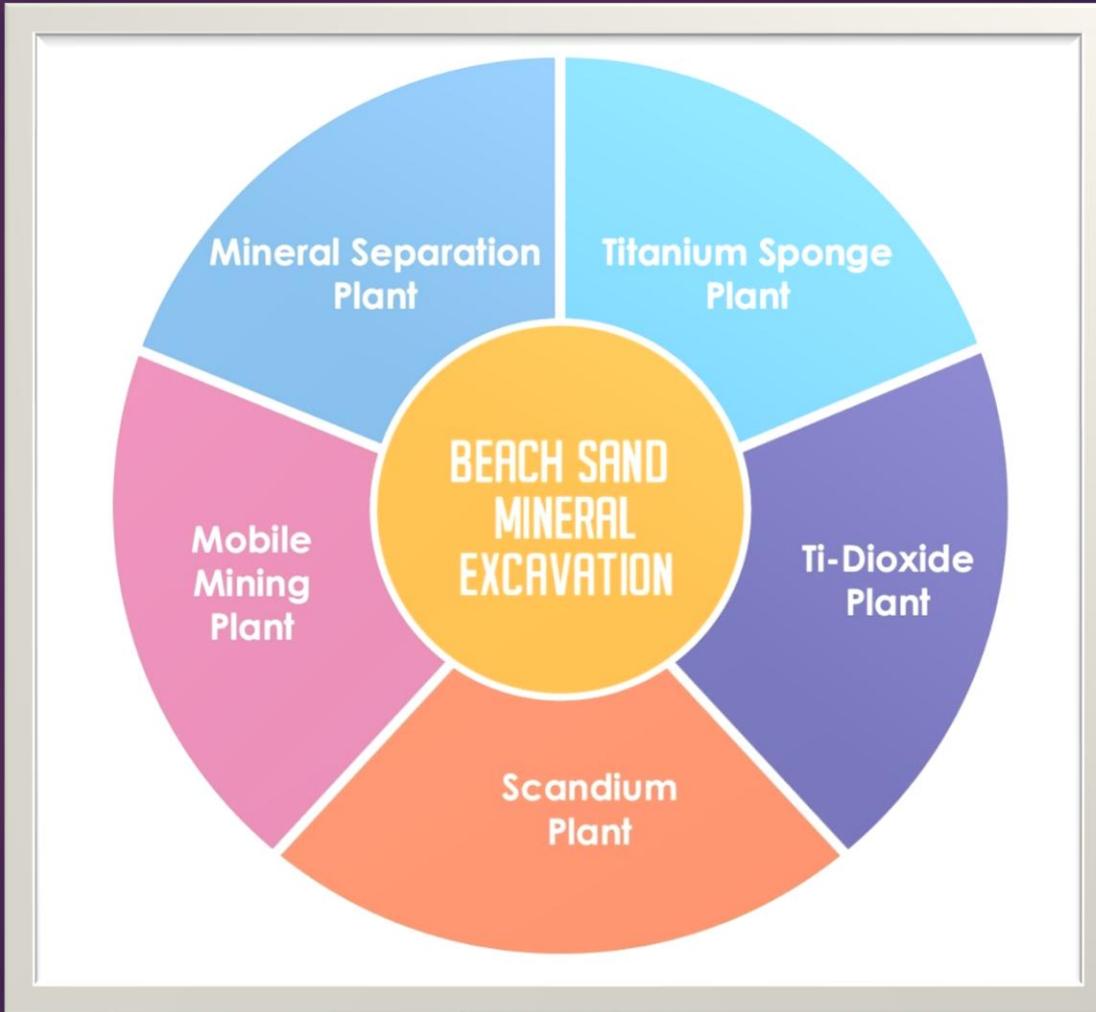


**Space Driven Technology
Manufacturing Facility in 2 Stages
Satellite & Launch Vehicles
Land & Sea Launch. Satellite Debris, Satellite
Relocation and Repositioning**



Titanium & Scandium ore to Sponge Production Facility

02-02-2026





Proposed Activities in Titan Companies

28

02-02-2026

Company Name	Activity	Investment	Duration	Equity to Investor Group	Titan Group
Titan Aviation & Aerospace India Ltd	Aerospace	USD 4 Billion	10 Years	55%	45%
Titan Defence Systems Ltd	Defence	USD 4 Billion	10 Years	55%	45%
Titan Geo Space Systems Ltd	Space	USD 4 Billion	10 Years	55%	45%
Titan Metals & Minerals Ltd	Mining	USD 2 Billion	10 Years	55%	45%

Exit Plan

Return of Investment 7 th to 10 th Year	Titan Group	Investor Group
Buy back of 40% Shares from Investor Group	85%	15%



CAPEX Breakup and Revenue Statement

29

02-02-2026

Simulators, Air Charters
Aviation University
CAPEX USD 600 Mil
Revenue USD 200 Mil

Short Term
06 Months

Design Bureau, Product
Development, MRO
CAPEX USD 5.6
Revenue USD 4 Bn

Mid Terms
18 Months

Production Line: Aircrafts,
Engines, Helicopters,
Drones, Combat Vehicles
, Body Armor Jackets,
Bomb Blankets, Missiles,
CAPEX USD 6 Billion
Revenue 7 Bn

Long Term
24 Months



End of Presentation

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