



MAHARASHTRA AIRPORT DEVELOPMENT COMPANY LTD. (MADC)

(A GOVERNMENT OF MAHARASHTRA UNDERTAKING)



**WE DEVELOP GROUNDS
AIMING THE SKIES**

OUR PROJECTS

OPERATIONAL AIRPORTS

- * DR. BABASAHEB AMBEDKAR INTERNATIONAL AIRPORT, NAGPUR
- * SHIRDI AIRPORT

MIHAN-SEZ

A FLAGSHIP PROJECT OF
GOVT. OF MAHARASHTRA AT
NAGPUR

UPCOMING AIRPORTS

- * AMRAVATI (BELORA) AIRPORT
- * PUNE (PURANDER) INTERNATIONAL AIRPORT

OTHER MADC AIRPORTS

CHANDRAPUR (MORWA), KARAD, DHULE, PHALTAN

RCS AIRPORTS IN MAHARASHTRA AMRAVATI, NANDED, NASHIK,

KOLHAPUR, JALGAON, SINDHUDURG, GONDIA, SOLAPUR & RATNAGIRI



DR. BABASAHEB AMBEDKAR INTERNATIONAL AIRPORT, NAGPUR



The existing Dr. Babasaheb Ambedkar International Airport is being upgraded and developed for modernisation by MADC, through a JVC-MIHAN INDIA LTD, in association with Airports Authority of India on “DESIGN, BUILD, FINANCE, OPERATE & TRANSFER” basis. A smart city comprising of an International Airport, Multimodal International Cargo Hub and a connected SEZ, with strong infrastructure and all-round connectivity is coming up.

SALIENT FEATURES OF THE NEW AIRPORT

- The Airport will be attached to a fully operational SEZ along with MRO facility and Logistic Park.
- Two parallel runways with independent operations suitable for planes of all sizes
- Total area of Airport: 1350.20 Hectares
- Existing Runway : 3200 X 45 mtrs.
(to be extended to 3600 X 45 mtrs.)
- Additional Parallel
Second Runway : 4,000 X 60 M (Code F Runway)
- Terminal Building : 3,00,000 Sq. Mts.
(to handle 14 million passengers per annum)
- Taxiway : Code F
- Parking Bays : To accommodate about 100 aircrafts at a time
- Underground FUEL hydrant system
- Commercial area of about 100 hectares for Hotels, Shopping Complexes, Entertainment Facilities etc.
- Isolation Bay, new ATC Tower and Area for MRO/Hangers to be constructed.
- Air Cargo Terminals to handle 8,70,000 Tonnes of Cargo.
- Dassault Reliance Aerostructure Ltd., AAR Indamer, Air India MRO, TAL – a TATA Group Aviation company have already setup operations at MIHAN,
- Social Infrastructure and allied facilities like Roads, Residential/Commercial Complexes, Educational and Entertainment Centres are also shaping up here.

**Ensuring Quality Airport Service
In Compliance with
International Standards!**

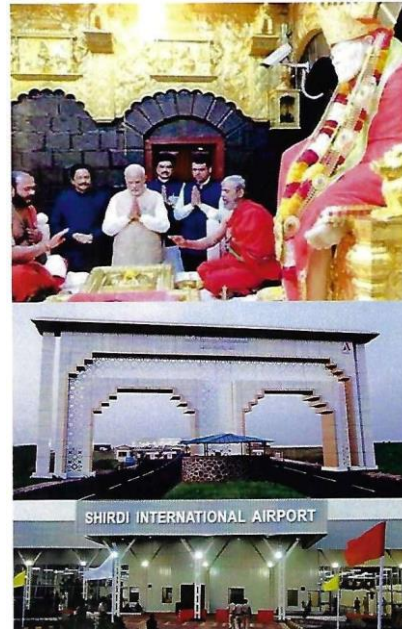


Government of
Maharashtra

SHIRDI GREENFIELD AIRPORT

About Shirdi

Shirdi is a small town in the Indian state of Maharashtra. It is situated at about 250 KMs from Mumbai. Shirdi is famous as home of the late 19th century saint Sri. Sai Baba. It is one of the most important tourist places in India. Over 25 million pilgrims within and outside India visit Shirdi throughout the year. In order to promote tourism, industrial and commercial growth and to facilitate pilgrimage, Government of Maharashtra developed a Greenfield Airport at Shirdi.



About Airport

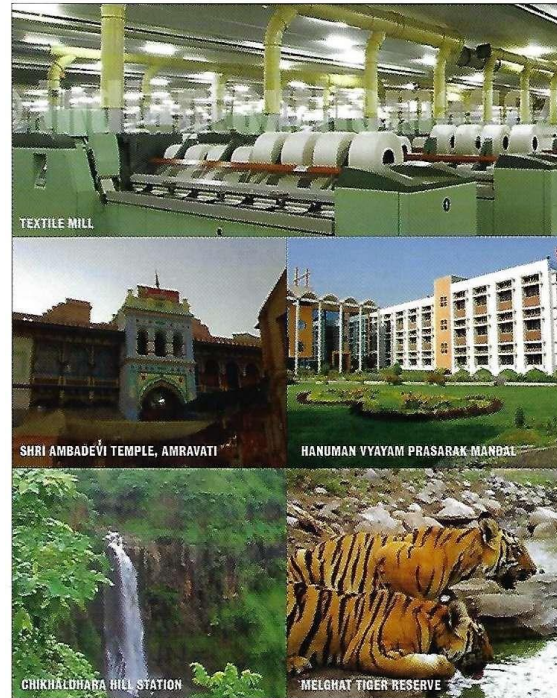
- Area : 350 Ha
- Airport Code : 4 C
- Runway : 2500 Mtr X 45Mtr (Planned for 3200 Mts X 45 Mts)
- Runway designation : 09/27
- Parking Bays Available : Nine (Including Old & New)
- Terminal Building : 2,750 Sqm (New Integrated Terminal Building Planned)
- Solar Power Plant is operational at the Airport
- Destinations: Hyderabad, Delhi, Chennai, Bengaluru, Indore & Vijayawada
- Aircraft Movements: 10-12 Landings per Day

Works under development

- Re-carpeting of Existing Runway for 3200 Meters.
- New Terminal Building: New Modern State of the Art Integrated Terminal Building for 53,000 Sqm, 1200 Peak Hour Capacity is planned for better facilitation of passengers and devotees.
- New ATC Tower cum Technical Block works are ongoing.
- Night Landing Facility: Licensed for use in IFR (All Weather) conditions by DGCA.
- Cargo Complex at Shirdi Airport is selected in PM Gati Shakti Scheme.

AMRAVATI (BELORA) GREENFIELD AIRPORT

- Amravati is seventh most popular metropolitan area in Maharashtra. It is also the administrative headquarter of the district.
- The city has emerged as a major educational center in Central India Offering many majors including medical and engineering courses.
- It also offers variety of tourist destinations like pilgrimage, wild life sanctuary to sightseeing. To name a few Chikhaldara, Muktaigri, Salbardi, Waigaon are famous tourist destinations. Close by is the famous Melghat Tiger Project which has more than 100 tigers.
- Amravati is a growing industrial centre in Maharashtra with cotton mills, developing Textiles center and important agro industries etc.
- It has a multi-product Special Economic Zone (SEZ) of 2500 acres which caters to many industries such as food processing, textile and spinning, agro based, bio tech, etc. It has a mega Thermal Power Project as well.



ABOUT AIRPORT

- **MADC is developing an for public use category for aerodrome reference Code 3C which is notified under UDAN-RCS Scheme**

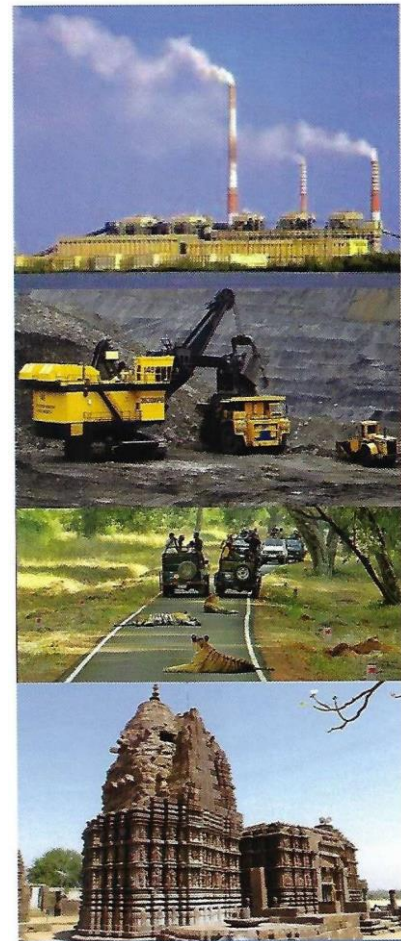
The details are as under.

- ❖ Area : 389 Ha
- ❖ Runway : 1850 m X 45 m
- ❖ Runway Designation : 08/26
- ❖ Taxiway : 163 m X 18 m
- ❖ Apron : 100 m X 110 m
- ❖ Terminal Building : 2600 sq.mtrs. for 100 Peak Hour Capacity
- ❖ ATC Tower : 26 mtrs Height
- ❖ Night landing facility work is ongoing
- ❖ Rain water harvesting system is a part of Amravati Airport Project
- ❖ Amravati-Mumbai-Amravati UDAN-RCS Route has been awarded to M/s Alliance Air



CHANDRAPUR MORVA AIRPORT

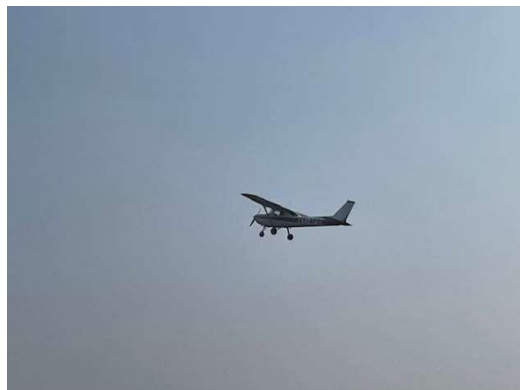
- Chandrapur lies on terrain rich in coal deposits and hence it is known as “Black Gold City” and is also called a “Geological Museum” as there is a large variety of rocks as well as commercially valuable minerals and fossils in the area.
- This City is a center for coal mining, cement making, paper manufacturing and ferro alloy manufacturing. This city is a major power generation center of the state.
- Apart from education hub, this district has a Tadoba-Andhari Tiger reserve having maximum number of tigers population of the state.
- Exiting Morva Airport has airstrip of 950 m length and airport is used for non-scheduled flights of VIPs and corporates.





KARAD AIRPORT

- Karad airport is used for non-scheduled flights of VIPs and corporates.
- Runway Dimensions are 1280 Mts x 30 Mts with orientation of 10/28
- Airport is maintained by MADC.
- MADC is in process of expansion and modernization of Airport to cater ATR-72 type of aircrafts.
- MADC is also checking feasibility of installing night landing facility at Karad Airport.
- A flight training organization (FTO), established by M/s Ambition Flying Club is conducting flying training activities from Karad Airport.





DHULE (GONDUR) AIRPORT

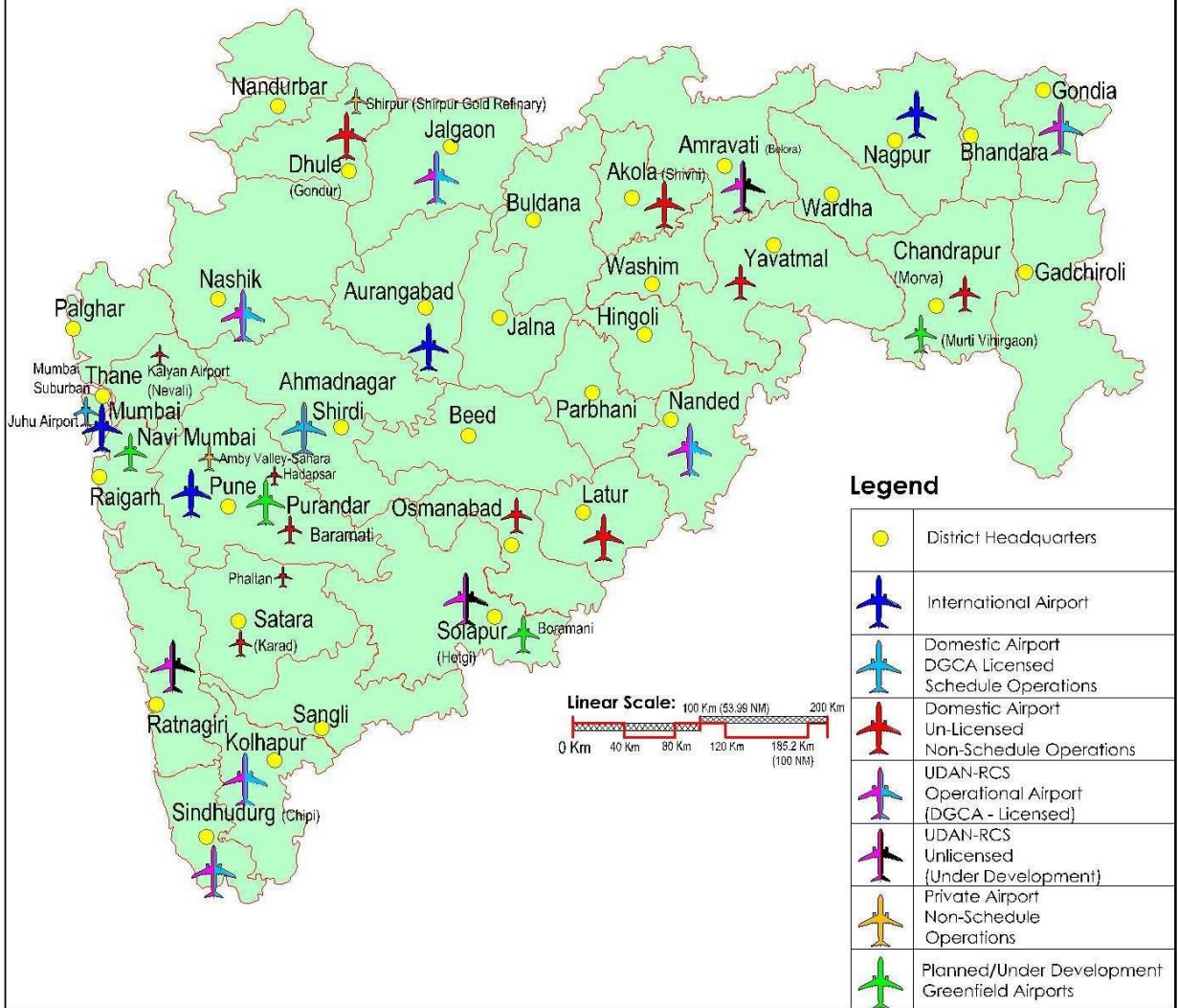
- Dhule (Gondur) Airport is operated by MADC. This airport is used for non-scheduled flights of VIPs and corporates.
- Runway dimensions are 1380 Mts x 30 Mts with orientation of 09/27.
- The airport is developed over 63 Ha.
- M/s Bombay Flying club is operating Flight Training Organization (FTO) at Dhule Airport.



Airports and Aviation Infrastructure in Maharashtra:

There are currently 28 Airports/Airstrips in the State of Maharashtra and their details are as follows		
Sr. No.	Airport Format	Name of Airport & its ownership
1.	International Airports (Total 4)	Mumbai (AAI), Nagpur (MIHAN India Ltd.), Pune (Air force) & Aurangabad (AAI)
2.	Domestic Airports (with Passenger Transport License available from Ministry of Civil Aviation) (Total 7)	Nashik (HAL), Kolhapur (AAI), Sindhudurg (MIDC), Shirdi (MADC), Gondia (AAI), Jalgaon (AAI), Juhu (AAI),
3.	Domestic Airports (Un-licensed) (Total 15)	Nanded (MIDC), Baramati (MIDC), Yavatmal (MIDC), Latur (MIDC), Dharashiv (MIDC), Amravati (MADC.), Ratnagiri (ICG), Solapur (AAI), Akola (AAI), Karad (MADC.), Dhule (MADC.), Phaltan (MADC), Kalyan (Defence Unused), Hadpsar (DGCA. – Glider Operations), Chandrapur (Morwa) (MADC),
4.	Private Airports (Total 2)	Shirpur & Amby valley
There are currently 4 airports proposed in the state of Maharashtra and their details are as follows		
1	New Proposed Airports (Total 4)	Navi Mumbai (CIDCO), Pune (Purandar) (MADC), Solapur (Boramani) (MADC), Chandrapur (Murti-Vihirgaon) (MADC)

Details of Existing & Planned Airports and Airfields in Maharashtra





About Maharashtra Airport Development Company Limited (MADC)

Maharashtra Airport Development Company Limited (MADC) was constituted in the year 2002 by the Government of Maharashtra (GoM) as a Special Purpose Company. MADC was jointly formed with equity participation from City and Industrial Development Corporation of Maharashtra Ltd. (CIDCO), Nagpur Improvement Trust (NIT), Maharashtra Industrial Development Corporation (MIDC), SICOM Ltd., Nagpur Municipal Corporation (NMC) and Maharashtra State Road Development Corporation Ltd (MSRDC).

The main activities of MADC are to build and operate aviation infrastructure and airports in the State. It is also the nodal agency to implement one of the most prestigious projects in Maharashtra, MIHAN, the multi-modal international hub airport at Nagpur along with the state-of-art multi-product SEZ. MADC owns 51% in MIHAN India Limited, which operates/manages existing Nagpur Airport (Domestic, International and Cargo terminals). To facilitate Intra-state and Inter-state Connectivity. Government of Maharashtra has appointed MADC as Nodal Agency for Regional Connectivity Scheme (RCS) – UDAN in the State of Maharashtra, which is Ministry of Civil Aviation's (MOCA) flagship initiative.

MADC is operating and developing Shirdi Airport. Shirdi Airport is poised to grow in double digit for next few years in terms of passenger traffic. MADC is also developing airports at Pune (Purandar) Greenfield Airport, Karad & Amravati. MADC is maintaining airstrips and airfield facilities at Chandrapur, Dhule and Phaltan.

MADC Vision

To develop Aviation Infrastructure in the State and world-class Multi-modal International Hub Airport along with a multi-product Special Economic Zone at Nagpur.

MADC Mission

To facilitate development of world-class Multi-modal International Hub Airport along with a multi-product Special Economic Zone at Nagpur, and Aviation Infrastructure across the State with allied activities through appropriate development models with the commitment towards the environment and citizens.

Objectives

- Build and Operate airports in the State
- Facilitate Intra-state and Inter-state Connectivity
- Development of
 - Nagpur airport as world-class Multi-modal International Hub Airport
 - Adjacent Multi-product Special Economic Zone and
 - Supporting infrastructure
- Encourage overall growth of aviation sector in the State
- Ensure planned development around airports

Nagpur Airport: Global Aviation Hub in the making elevating Aviation Industry in India

Situated at the geographic center of India, Dr. Babasaheb Ambedkar International Airport, Nagpur stands as a beacon of progress, seamlessly blending strategic importance, operational resilience, and transformative potential. It is spread vastly over an area of about 1460 acres having runway dimensions of 3200 metres X 45 metres, encompassing the peak hour terminal capacity of 2450 pax with an overall capacity to handle 4 mppa passengers, one-time cargo holding capacity of 100 MT and annual cargo holding capacity of 6925 MT. Operating round the clock, regardless of weather conditions, Nagpur Airport is not just an aviation hub, it is at the cusp of evolution of regional airports in the country. Here, we explore the multifaceted significance of Nagpur Airport, encapsulating its operational prowess, airline diversity, and its impact on passenger connectivity.

The DBAI Airport caters for 24-hour-operations, under all weather conditions. The airport, situated within the city limits of Nagpur at an easily identifiable location and conveniently connected by roads and city metro, stands on the standards set by the Airports Authority of India (AAI), the International Civil Aviation Organization (ICAO) and the International Air Transport Association (IATA). Currently, Nagpur Airport hosts a diverse mix of 5 airlines, comprising 3 domestic carriers and 2 international Air carriers. The connectivity from Nagpur not only enhances accessibility for passengers but also provides airlines with ample opportunities to optimize route networks and maximize operational efficiency and enhancing its appeal as a reliable transit point for both domestic and international travellers.

With about 31 daily departing flights, Nagpur Airport serves as a bustling nexus, connecting passengers from and around Nagpur Division to 13 major cities across India and 2 international destinations (Sharjah & Doha). A testament to its popularity and operational efficiency, Nagpur Airport handles a significant footfall of approximately 9000 passengers per day and about 150 MT cargo per day. The steady influx underscores the airport's pivotal role in catering to the travel needs of the region, establishing itself as a central transit point and contributing to the city's economic vibrancy.

Nagpur Airport's journey is one of continual growth and future potential for both passengers as well as cargo. As it navigates the currents of the aviation industry, the airport stands poised to become a regional powerhouse, attracting more airlines, expanding its route network, and solidifying its standing as a vital conduit for both domestic and international travellers. As part of Nagpur Airport's growth process, this airport is being privatized in near future.

In essence, Nagpur Airport's operational resilience, diverse airline portfolio, and extensive connectivity paint a vivid picture of its pivotal role in the aviation industry more particularly in the Vidarbha region of Maharashtra. Beyond being a transit point, it stands as a testament to the evolution of regional airports, demonstrating how strategic planning and operational excellence can propel an airport into the forefront of the nation's aviation landscape. Nagpur Airport isn't just a place where planes take off and land; it's a dynamic force that connects people, fosters economic growth, amplifies stakeholder/ passenger convenience, offers humongous opportunities, and exemplifies the limitless possibilities within the realm of regional aviation.



Brief About MIHAN Project, Nagpur

The Multi Modal International Cargo Hub and Airport at Nagpur (MIHAN) is a flagship project of Maharashtra Airport Development Company Limited (MADC). Spearheaded by the Hon. Chief Minister of Maharashtra, Shri. Eknath Shinde, who is also the chairman of MADC and Smt. Swati Pandey, IPOs, Vice Chairman and Managing Director, MADC, MIHAN is based in Nagpur (Maharashtra), a place that is easily accessible by all modes of transport road, rail and air. Nagpur is one of the largest cities in central India and the third largest city in Maharashtra after Mumbai and Pune. Its location as the geographical center of the country is established by the Zero Mile. This endows the city with huge logistics potential.

Due to the development of MIHAN, the whole region around Nagpur is expected to witness a boost in economic activity and will also attract qualified and skilled talent from Maharashtra, rest of India as well as abroad.

MIHAN is the country's first Multi-product Special Economic Zone (SEZ) which is adjacent to an existing international airport. In addition, Jawaharlal Nehru Port Trust (JNPT) is developing a dry port at less than 40 Km distance from MIHAN.

The airport at Nagpur is to be expanded, upgraded and modernized by the strategic partner. The existing runway is to be extended by 400 M to 3,600 X 45M along with a parallel second runway of 4,000 X 60 M. The two runways will be separated by 1,600 m to facilitate parallel take-offs and landings. There will be parking space for 50 aircrafts in front of the

Terminal building and nearly 50 aircrafts in the remote area. The 3,00,000 Sq.M. terminal will be constructed in phases to meet the estimated 14 million passenger traffic and an estimated 8,70,000 tons of cargo. There is also a provision of space for setting up an aircraft engineering and maintenance base (MRO). MIHAN is also open to the cluster development.

The project is spread over an area of 4,354 hectares that houses an international airport on 1,350 hectares in addition to a 1,238 hectares SEZ that include maintenance, repair and overhaul (MRO) unit for aircrafts, Information Technology Parks, Hospitals, besides manufacturing and value-added units. Another 614 hectare of land has been reserved for a rail terminal, road terminal, residential and commercial projects and international schools and colleges.

Aviation support system and infrastructure Development in Nagpur

- Nagpur being the geographical centre of India and is easily accessible by Road, Rail and Air and its important linkage towards countries like America, Europe, Middle East, China, Japan and Australia, Govt. of Maharashtra decided to develop Multi-Modal International Hub Airport at Nagpur (MIHAN).
- Multi-modal International Hub Airport at Nagpur (MIHAN) is a flagship project of Govt. of Maharashtra and Maharashtra Airport Development Co. Ltd. (MADC) has been appointed as a nodal agency and a Special Planning Authority to develop
 - Multi-Modal International Hub Airport at Nagpur (MIHAN).
 - Multi-product Special Economic Zone (MIHAN SEZ)
 - To develop Aviation Infrastructure.
- MIHAN project is primarily divided into three segments.
 - Airport
 - SEZ
 - Area Outside SEZ
- The existing Nagpur International Airport Namely Dr. Babasaheb Ambedkar International Airport at Nagpur is being developed by MIHAN India Ltd. a Joint Venture company formed between MADC Ltd. and Airport Authority of India on 1347.43 Ha land.
- Nagpur International Airport will have two important segment viz. Passenger and Cargo and is expected to handle around 1.4 crore passengers and 8.7 Lakhs ton of Cargo.
- The existing Runway will be extended by 400 Mtrs and a parallel Runway admeasuring 4000 Mtrs X 65 Mtrs will be constructed soon with a sprawling new Terminal Building.

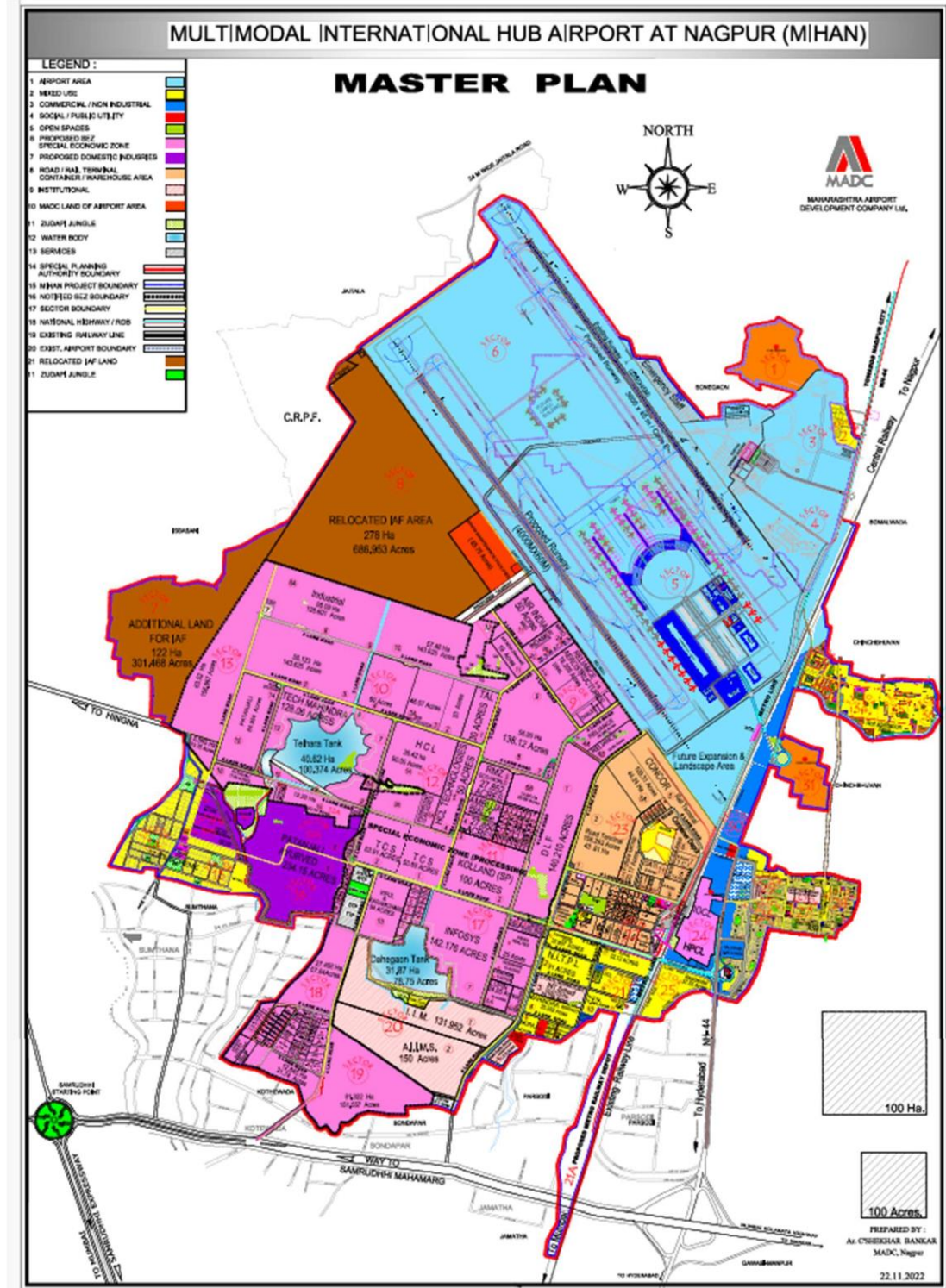
Special Economic Zone (SEZ) / Mixed use Zone (Area outside SEZ)

- Around 1236.21 Ha land is notified for Special Economic Zone and around 1013.20 Ha land is reserved for Mixed Use Zone.
- MIHAN SEZ is perhaps the only Multi-Product SEZ in India which is adjacent to an existing International Airport and sharing the boundary with Airport giving direct access to MRO and Aviation Companies in MIHAN SEZ vide Taxiway.
- MADC is mandated to develop an Aviation / Aerospace Manufacturing Hub at MIHAN SEZ
- MADC has allotted about 50 Acre lands to AI Engineering Services Ltd. (Formerly Air India Ltd.) which has developed a world class MRO facility for Boeing Aircrafts.
 - This facility in MIHAN SEZ has till date has offered its MRO services to more than 200 Wide Body and Narrow Body Boeing Aircrafts.
 - Recently AI Engineering Services Ltd. (Formerly Air India Ltd.) has signed an agreement with Kuwait Airline for offering its MRO facility to Kuwait Airlines aircrafts. About 4 Kuwait Airlines aircrafts has been repaired and maintained at AIESL MRO at MIHAN SEZ.
- Further MADC has allotted 104 Acres land to Reliance Aerostructure Ltd. with a Co-Developer Status in MIHAN SEZ.
 - Two joint venture companies of reliance, Dassault Reliance Aerospace Ltd. (DRAL) and Thales Reliance Defence Systems Ltd (TRDS) are operational in MIHAN SEZ

- Dassault Reliance Aerospace Ltd. (DRAL) is spread over 31 acres land and are manufacturing components of Falcon 2000 Business Jet Plane and Rafale Fighter jet plane.
- DRAL has scheduled to make the Falcon 2000 Business Jet plane in flying condition by December 2025.
- Thales Reliance Defence Systems Ltd (TRDS) is into manufacturing of Radar Systems for aircrafts and defence products for Ministry of Defence, Govt. of India.
- MADC in its vision to develop aviation and aerospace sector has also allotted about 30 acres land to Tata Advanced Systems Ltd. (formerly TAL Manufacturing Solutions Ltd.). TASL is making components like Floor Beams for Boeing aircrafts, and few components for Airbus and Rolls Royce.
- Maharashtra Airport Development Co. Ltd. (MADC) has allotted 1,18,597.907 sq.mtr. land equivalent to 29.306 Acre to M/s AAR Indamer Technics Pvt. Ltd. for setting up a MRO (Maintenance, Repair & Overhauling) facility in MIHAN SEZ, Nagpur
- M/s AAR Indamer Technics Pvt. Ltd. is a Joint Venture of 'AAR' an USA based company and 'Indamer Aviation Pvt. Ltd'. one of the leading general aviation services companies in India.
- AAR Indamer Technics Pvt. Ltd. at MIHAN SEZ is offering its MRO facility to Airbus A320, Airbus A321 Aircrafts of Indigo Airlines and aircrafts of Go First Airlines.
- More than 100 nos of A320 aircrafts have been maintained at Indamer MRO in MIHAN SEZ.
- Has facility for 'C' Check, Environmental Controlled Hanger for Painting.
- AAR Indamer is also developing capabilities for B737 in Next One Year
- Airbus Helicopters and Indamer have joined hands to provide cutting edge after-market services for helicopters in India from their MRO in MIHAN SEZ, in a significant boost to the development of the rotary-wing Maintenance, Repair and Overhaul (MRO) ecosystem in the country.
- The Indamer-Airbus Helicopters MRO will provide faster turnaround for servicing and help create an efficient after-market experience for Airbus Helicopters customers not only in India but also in the wider South Asia region.
- IndiGo will be getting Prat and Whitney Engines replaced with CFM engine for Airbus aircrafts and AAR Indamer MRO shall be one of the MRO to facilitate the engine replacement work.
- M/s AAR Indamer Technics Pvt. Ltd. has recently executed an Aeronautical Service Agreement with MADC for getting these A320 and A321 aircrafts parked at Taxiway abutting to MIHAN SEZ which shall be coming to their MRO in MIHAN SEZ for such engine replacements.

MADC also provides ready-to-work, fully furnished space in the Central Facility Building (CFB) in MIHAN SEZ, where operations can be started immediately. The space is extremely useful for service and exporting companies because of the location and infrastructure provided in MIHAN. Various IT companies, MADC and Development commissioner's office, Cafeteria, Conference Room, Auditorium, Banks, ATM, Travel & Courier Services etc. are located in CFB.

MIHAN – MASTER PLAN





UDAN-RCS (Ude Desh Ka Aam Naagrik - Regional Connectivity Scheme)- Maharashtra

▪ **Brief Introduction of UDAN-RCS Scheme:**

Ude Desh Ka Aam Naagrik (UDAN) – A Regional Connectivity Scheme (RCS) is a Flagship program of Govt. of India, connecting unserved and underserved Airports and catering to Regional Areas and Hinterlands. UDAN-RCS aims to make flying affordable for masses.

Maharashtra is the first state to sign MOU with GOI & AAI on 23rd Aug 2016 for UDAN – RCS Aircraft operations.

▪ **Role of MADC & Establishment of RCS Cell:**

Govt. of Maharashtra vide GR dated 10/11/2017, appointed Maharashtra Airport Development Co. Ltd. (MADC) as a Nodal Agency for coordination on Regional Connectivity Scheme in the state of Maharashtra.

MADC has established dedicated RCS cell at MADC Mumbai-HQ office for taking care of day-to-day coordination on RCS scheme and coordination with Airport Operators and Airlines handling RCS flights.

▪ **Airports Covered under RCS operations in Maharashtra are as follows:**

Phase I	Owner/Operator	Phase II	Owner/Operator
Nanded	MIDC/Reliance	Sindhudurg	MIDC/IRB
Nashik	HAL	Amravati	MADC (Under Development)
Jalgaon	AAI	Gondia	AAI
Kolhapur	AAI	Ratnagiri	Indian Coast Guard (Under Development)
Solapur	AAI		

▪ **Incentives & Concessions under RCS by Govt of Maharashtra being implemented through MADC:**

- 20% of Viability Gap Funding (VGF) - Reimbursement of 20% of Viability Gap Funding (VGF) to the RCS flight operating airlines as State VGF Share, payment to AAI, Regional Connectivity Fund Trust
- Providing Airport Security - Payment to Maharashtra Security Service Corporation (MSSC) towards protection of Airports, 24x7 Security Duties of Active RCS Airports
- Fire Services at RCS Airport - Reimbursement for Fire Services at Active RCS Airports
- Concession towards Utility Services - Reimbursement for Power, Water & other utilities at 50% concessional rates to active RCS Airports

Till October 2023; around 31,586 (Say Thirty-One Thousand) RCS flights have been operated through RCS airports in Maharashtra and around 14,06,380 (Say Fourteen Lakhs) passengers were benefited from RCS scheme.

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