

# Ranchi Airport Jharkhand



Airports Authority of India

## **ABOUT THE CITY AND AIRPORT CONNECTIVITY**

### **NAME OF THE AIRPORT (STATE) : RANCHI AIRPORT (JHARKHAND)**

#### **ABOUT THE CITY:**

##### **(I) INTRODUCTION:**

Ranchi is the capital of the Indian state of Jharkhand, and now it is the most populous city of the state. Ranchi was the centre of the Jharkhand movement, which called for a separate state for the tribal regions of South Bihar, northern Orissa, western West Bengal and the eastern area of what is present-day Chhattisgarh. The Jharkhand state was formed on 15 November 2000 by carving out the Bihar divisions of Chota Nagpur and Santhal Parganas.

Ranchi has been selected as one of the hundred Indian cities to be developed as a smart city under PM Narendra Modi's flagship Smart Cities Mission. Ranchi is well known for being the hometown of former Indian cricket captain M.S.Dhoni.

##### **(II) ABOUT THE DISTRICT POPULATION, ECONOMY, INDUSTRY & TOURISM POTENTIAL:**

###### **POPULATION:**

As per census 2011 census the population of Ranchi District was 29,14,253.

###### **ECONOMY:**

Ranchi is the capital city of Jharkhand; It is growing and expanding at a rapid pace. Increased economic activities and infrastructure development has resulted in extensive urbanization, as a result of which urban and semi urban areas are expanding. Due to a change in land use policies more areas are being added to the vicinity of the city. After being awarded with the capital status to Ranchi, there has an emerged a need to meet the requirements of the increasing population.

Easily available manpower, reputed technical, management and educational institutions, good transport and communication facilities and improving power position makes the RIA (Ranchi Industrial Area) region attractive for entrepreneurs. Efforts are being made to generate ample employment, infrastructural and institutional amenities for the benefit of the people. In this age of urbanization, industrialization & modernization one should not forget to preserve and protect the present environment. A sustainable & ecofriendly way of development is this required for Ranchi city.

Trade, Commerce & Business in Ranchi, Being the capital of Jharkhand is an important center of trade & commerce in the State. The high literacy rate, hardworking people, stable political environment and availability of basic facilities make a favorable environment for business to flourish in the area. The government is offering lucrative schemes to draw investment to the city of Ranchi. All types of business can be found in Ranchi from small daily need shops, medical stores, and readymade garments to high end branded stores. Many premium brands, fast-food chains & multiplexes have set shop in Ranchi. With the increasing spending power of the consumer many malls & multiplexes are also doing great business in Ranchi. Ranchi also has a number of Multinational Companies, Public Sector Enterprises, & Private Limited Companies, which provide good employment opportunities. The Ranchi city thus offers ample business opportunity to the new entrepreneurs & job opportunities for working professional.

Mineral and Natural Resources in Ranchi, Ranchi district is rich in natural and mineral resources. The Ranchi city is surrounded by a large & green forest area, which provides many basic raw materials to a large number of industries like construction, furniture, match box, paper, rayon, railway slippers, wooden poles, etc. The Forest produce can be classified into two categories: Major Products which include wood from timber, such as Bamboo, Mahua, Shisham, Kusum, Aam, Jamun, Saal, Imli, Gamhar etc. Minor Products are Hara, Behara, Kendu Patta, Saal Seed, Karanj Seed, Mahua Patta, etc.; these products have medicinal and commercial value. The fertile land of the rural area of Ranchi comprises of Red & Yellow soil as well as some amount of sand. Water for irrigation purpose is drawn from rivers like Swarnrekha, Koyal, and Damodar.

### **INDUSTRY:**

Ranchi has become an important industrial centre in the state of Jharkhand. Due to the presence of good reserves of forest and mineral resources, Ranchi is considered to be a good place for setting up medium and large scale industries. A large number of engineering & mining industries present in Ranchi provide employment opportunities to a major portion of the population.

The existing rural industries like Sericulture, Handloom, Handicraft, Khadi, Textile etc. are also being promoted & developed to give livelihood to rural & tribal population. The District administration helps the industries in terms of modernization/Technological Upgradation providing necessary common facilities, product design, and marketing support etc. so as to make them globally competitive. Some of the major exportable items from Ranchi are Heavy Machinery and Equipment, Lac, Minerals, Ceramics, IT & Consultancy Services.

### **Large Scale Industries / Public Sector Undertakings in Ranchi:**

- Heavy Engineering Corporation, Dhurwa,
- Ranchi Marine Diesel Engine Project,
- Garden Reach Ship Builders Ltd,
- Dhurwa Ranchi Central Coalfields Limited,
- Ranchi Metallurgical Consultant Limited, Doranda,
- Ranchi Steel Authority of India Limited, Hinoo,
- Ranchi Central Mining & Planning Design Limited, Kanke Road, Ranchi
- Ranchi Ashok Bihar Hotel Corporation Ltd., Doranda,
- Ranchi Bharat Sanchar Nigam Limited, Ranchi

### **Major State Public Sector Undertakings in Ranchi:**

- Sikidiri Hydro Power Plant (Jharkhand State Electricity Board), Ranchi
- Ranchi Industrial Area Development Authority, Ranchi
- Jharkhand State Tourism Development Corporation,
- Ranchi Jharkhand State Tribal Development Corporation,
- Ranchi Jharkhand State Scheduled Tribe Development Cooperative Society,
- Ranchi Jharkhand Govt. Tool Room & Training Center, Tatisilwai Ranchi

### **TOURISM POTENTIAL:**

Ranchi is a great place to visit due to several tourist attractions located in and around in close proximity.

- **Rock garden and Kanke Dam (Gonda hills):** Gonda Hill and Rock Garden is situated at a distance of about 4 km from Ranchi town on Ranchi Kanke Road. Rock Garden is carved out of the rocks of Gonda Hill and resembles its design to rock garden of Jaipur. At the base of the Hill is Kanke Dam.
- **Hundru Falls:** It is 45 km from Ranchi on Ranchi-Purulia Road. Here, the Subarnarekha River falls from a height of 320 ft (98 m).
- **Jonha Falls:** Jonha Falls is also known as Gautam Dhara, is around 40 km from Ranchi. It is approachable by both Road and train. The fall can be admired by descending around 500 steps. There is a tourist rest house which contains Lord Buddha temple. The river Kanchi flows nearby.
- **Panchghagh Falls:** Panchghagh falls is on Ranchi-Chakradharpur Road about 6 km from Khunti. This fall consists of five streams formed in a row due to the breaking up of the Banai river which falls from a good height
- **Dassam Falls:** Dassam falls is 34 km from Ranchi on Ranchi-Tata Road near a village called Taimara. Here, the Kachni River falls from an altitude of 144 ft. (44 m). It is also known as Dassam Gagh.
- **Hirni Falls:** Another waterfall amidst forests about 70 km from Ranchi.
- **Nakshatra Van:** Nakshatra Van is situated in the heart of the city. It is divided into various sections. There is a big circle in the centre of the park which is divided into arcs.
- **Jharkhand War Memorial**

**(III) PROVIDE TRANSPORT FACILITIES AND CONNECTIVITY BY RAIL, ROAD & AIR AS PER TABLE MENTIONED BELOW:**

S. No.	Name & Distance between Airport to Nearest city centre	Name & Distance between Airport to Nearest Railway station	Name & Distance between Airport to National Highway	Name & Distance between Airport to Nearest State Highway	Details of connecting road to nearest National / State Highway		Aerial and distance from Nearby Airport/s	Industrial/ tourists religious places of interest around the city with distance
					ROW	WIDTH		
1	7 Km from City	5 Km from Railway station	NH 75 3 km	SH 1 07 km	Double Lane	14 m	Jamshedpur Airport 56 NM / 130 Km	Ranchi Steel Authority of India Limited 3.9 km  Nakshatra Van 8.7 km  Pahari Mandir 9.9 km  Tagore Hill 10.9 km  Jagannath Temple 5.8 km  Bhagawan Birsa Biological Park Zoo 26.5 km  Hundru Falls 40 km

**TECHNICAL DETAIL ABOUT THE AIRPORT/ AIRSTRIP**

**NAME OF THE AIRPORT (STATE) : RANCHI AIRPORT (JHARKHAND)**

**ABOUT THE AIRPORT :**

<b>A GENERAL INFORMATION</b>			
<b>a</b>	AIRPORT OWNER/OPERATOR	Airports Authority of India	
<b>b</b>	STATE	Jharkhand	
<b>c</b>	ICAO/ IATA CODE	VERC / IXR	
<b>d</b>	LOCATION	198°, 5 km from railway station	
<b>e</b>	LATITUDE/LONGITUDE OF AERODROME REFERENCE POINT (ARP-WGS 84)	23° 18'49"N 85° 19'24"E	
<b>f</b>	SUITABILITY	UP TO A-321	
<b>g</b>	AIRCRAFT OPERATIONS (SCHEDULED/NON- SCHEDULED)	DESTINATION	<b>Domestic</b> : Delhi, Mumbai, Kolkata, Patna & Bengaluru (from January,2016) <b>International</b> : MADINA (During HAJ Operation)
		OPERATORS	<b>Domestic</b> : Air India, Goair, Indigo <b>International</b> : Operator name as provided by MOCA for HAJ operations.
		FREQUENCY	<b>Domestic</b> : 56 Departures per week. <b>International</b> : As per HAJ Schedule
<b>h</b>	ATC WATCH HOURS (IST)	0725-2040	Daily
<b>i</b>	OTHER AIRPORTS IN THE VICINITY (WITHIN 150 Km RADIUS)	Jamshedpur (VEJS) AT (Private Airport Owned by TISCO) - 130 km	
<b>j</b>	STATUS OF AIRPORT LICENSE	Valid up to 12.04.2017	

<b>B AIRPORT ADDRESS AND CONTACT NUMBERS</b>	
<b>a</b>	AERODROME ADMINISTRATION, ADDRESS, TELEPHONE NUMBER, TELE-FAX, AFS (AFTN)& E-MAIL ID
	The Airport Director Airports Authority of India Birsamunda Airport, Ranchi (Jharkhand) PIN-834002 0651 - 2250500 (Office) - Tel Fax 0651 - 6450327 (Office) 0651 – 2250435 (Residence), Mob- 9431106570, VERCYDYX, E-Mail ID: apd_verc@aai.aero
<b>b</b>	CONTACT NUMBER AND E-MAIL ID OF-

<b>i</b>	ATC INCHARGE	Tel. no. 0651-6451354, 09495340750 E-Mail ID: verc.ats@aai.aero
<b>ii</b>	PROJECT MANAGER	Tel. no. 0651-2252042, 09810639798 E-mail ID: ramesh238@aai.aero
<b>iii</b>	AIRLINE MANAGER	Air India- 9431170690;E-Mail – ammixr@gmail.com Indigo- 7763804825; E-mail – ixr@goindigo.in Goair-9771407987; Email- ixrapt@goair.com
<b>iv</b>	GROUND HANDLING MANAGER	1) Ex-Army Men Pvt. Ltd: 09304848168; 2) Avia Expert: 09386970001 , 09386725143
<b>v</b>	AIRPORT FUEL SERVICES MANAGER	Indian Oil:-0651-2250439, 09431106387; Reliance:- 09934361672

<b>C AIRPORT LAND AREA &amp; UTILIZATION</b>			
<b>a</b>	TOTAL LAND AREA AVAILABLE (Acres)	546.25 Acres	
<b>b</b>	AVAILABLE LAND ON AIRSIDE	415 Acres (Approx.)	
	i	PRESENT IN USE (OPERATIONAL AREA)	415 Acres (Approx.)
	ii	FOR FUTURE DEVELOPMENT	Land Acquisition Is Under Progress
<b>c</b>	AVAILABLE LAND ON CITY SIDE	113.25 Acres	
	i	PRESENT IN USE	20 Acres (Approx.)
	ii	FOR FUTURE DEVELOPMENT	93.25 Acres (Approx.)
<b>d</b>	RESIDENTIAL COLONY	18 Acres (Approx.)	
<b>e</b>	ADDITIONAL LAND REQUISITIONED TO STATE GOVT.	370 Acres Private Land And 152 Acres Defence Land	
<b>f</b>	LAND ON LEASE TO OTHER DEPARTMENT/AGENCIES	6611.52 Sqm [Land allotted to (1) Jharkhand Flying Institute - 2419.15 Sq m. (2) AFS - Indian Oil - 2592.37 Sq m. (3) AFTS - Reliance -1600.00 Sqm	
<b>g</b>	LAND FOR COMMERCIAL DEVELOPMENT	Proposed Land for City Side Development is 29800 Sqm.	
<b>h</b>	LAND FOR SOLAR PANELS	Land available for solar installation - 20m × 500m = 10000Sq. M; Roof-top area available for Solar project – 44m × 15m = 660Sq. M	

<b>D TECHNICAL INFORMATION</b>		
<b>AERODROME DATA (AIR SIDE)</b>		
<b>a</b>	AERODROME ELEVATION / REFERENCE TEMPERATURE	654.81 M /38°C
<b>b</b>	AERODROME REFERENCE CODE (ARC)	4C
<b>c</b>	AERODROME TRAFFIC DENSITY	Light
<b>d</b>	TYPE OF TRAFFIC PERMITTED	VFR /IFR
<b>e</b>	AERODROME RESCUE & FIRE FIGHTING CATEGORY (ARFF)	CAT-7
<b>f</b>	VOR CHECK POINTS	VOR (116.9 MHz): on TWY 'C', Coordinates: 23°18'54.40" N 085°19'21.80"E

<b>E MOVEMENT AREA FACILITIES (AIR SIDE)</b>		
<b>a</b>	RUNWAY DESIGNATION / DIMENSION	13/31 - 2713m X 45m
<b>b</b>	DIMENSION OF RUNWAY STRIP	2833m X 150m
<b>c</b>	RUNWAY STRENGTH ( PCN / LCN)	61/F/C/X/T
<b>d</b>	RUNWAY CONSTRUCTED / LAST RE- CARPETED YEAR	14.01.2011
<b>e</b>	RUNWAY SHOULDERS	Available
<b>f</b>	LOCATION OF THRESHOLD(DISPLACEMENT)	Threshold RWY-13 Displaced by 289m due National Highway in the App. Path
<b>g</b>	STOP WAY/ BLAST PAD (SWY/BP)	Not Available
<b>h</b>	TURN PADS	Available on Both Side
<b>I</b>	RUNWAY END SAFETY AREA (RESA)	RWY31: 177MX90M RWY13: 140MX90M
<b>j</b>	SLOPE	RWY31:LONG: -0.79%;TRANS: -0.81% RWY13:LONG:+0.79%;TRANS: -0.81%

<b>F DECLARED DISTANCE (IN METER)</b>					
	<b>RWY DESIGNATOR</b>	<b>TORA</b>	<b>TODA</b>	<b>ASDA</b>	<b>LDA</b>
	13	2713	2713	2713	2424
	31	2713	2713	2713	2713



G TAXIWAY			
a	(i)	TWY-A(DIMENSION/LOCATION/STRENGTH)	Dimension: 215M x 15M. Location: At 2713M from beginning of Rwy 31, connecting RWY to Twy-F.
		SHOULDER DETAIL (WIDTH/STRENGTH)	Not Available
	(ii)	TWY-B (DIMENSION/LOCATION/STRENGTH)	Dimension: 203M x 15M, Location: At 1880M from beginning of Rwy 31, Connecting RWY to Twy-F Strength: PCN 24/R/C/W/T.
		SHOULDER DETAIL (WIDTH/STRENGTH)	Not Available
	(iii)	TWY-C (DIMENSION/LOCATION/STRENGTH)	Dimension: 229M x 23M, Location: At 1305M from beginning of Rwy 31, connecting RWY to Apron- I Strength: PCN 61/F/C/X/T
		SHOULDER DETAIL (WIDTH/STRENGTH)	7.5M ON BOTH SIDE
	(iv)	TWY-D(DIMENSION/LOCATION/STRENGTH)	Dimension:273M x 23M, Location: At 980M from beginning of Rwy 31, connecting RWY to Apron-I & Twy-F , Strength: PCN 61/F/C/X/T
		SHOULDER DETAIL (WIDTH/STRENGTH)	7.5M ON BOTH SIDE
	(v)	TWY-E(DIMENSION/LOCATION/STRENGTH)	Dimension: 166M x 15M, Location: At beginning of Rwy 31, connecting RWY to Twy-F to Twy-B , Strength: PCN 24/R/C/W/T
		SHOULDER DETAIL (WIDTH/STRENGTH)	Not Available
	(vi)	TWY-G (DIMENSION/LOCATION/STRENGTH) <b>NOTE:</b> NOT IN OPERATION	Dimension: Length-N/Avbl, Width-15M Location: Not in operation Strength: PCN 24/R/C/W/T
		SHOULDER DETAIL(WIDTH/STRENGTH)	Not Available
	(vii)	TWY-LINK(DIMENSION/LOCATION/STRENGTH) <b>NOTE:</b> NOT COMMISSIONED.	Dimension: Length-N/ Avbl, Width-10.5M Location: B/w Twy G & Apron-I Strength: PCN 24/R/C/W/T
		SHOULDER DETAIL(WIDTH/STRENGTH)	Not Available

<b>b</b>	(i)	PARELLEL TWY-F(WIDTH/STRENGTH) <b>NOTE:</b> PARALLEL TWY (NOT AVAILABLE FROM TWY D ALONG WITH APRON-I TO MT POOL DUE OBSTRUCTIONS & NOT AVAILABLE FROM TWY 'E' TO TWY 'D' DUE PERMANENT PARKING OF IAF)	Width:- 15M, Strength: PCN 24/R/C/W/T
		SHOULDER DETAILS(WIDTH/STRENGTH)	Not Available

<b>H APRON</b>					
<b>a</b>	<b>APRON</b>	<b>DIMENSION</b>	<b>SURFACE</b>	<b>STRENGTH</b>	<b>PARKING STAND</b>
	APRON-I	123m X 211m	CONCRETE	66/R/C/W/T	05(PBB facility on stand no.3&4) Type: no.2,4&5 up to A321,no. 1 up to B type only, no. 3 up to B767-300 Type only;
	APRON-II	45.2m X44.5m	BITUMINOUS	61/F/C/X/T	Up to 01 ATR(Not used for parking as Isolation Bay is Temporarily Available on TWY 'C')
	APRON-III	63m X 155m	CONCRETE	24/R/C/W/T	No parking. Not Connected with RWY.
<b>b</b>	CAPACITY	AS ABOVE			
<b>c</b>	PCN	AS ABOVE			
<b>d</b>	ISOLATION BAY (DIMENSION/ LOCATION/STRENGTH)	Temporarily Available on TWY 'C', Surface: Bituminous, Strength : PCN 61/F/C/X/T			

<b>I HANGARS WITH ASSOCIATED INFRASTRUCTURE</b>		
<b>a</b>	AAI	04-AVAILABLE & LEASED TO DIFFERENT AGENCIES, NIL- FOR VISITING AIRCRAFT
<b>b</b>	NON-AAI	01- Jharkhand Flying Institute

<b>J AERONAUTICAL LIGHTING SYSTEM (VISUAL NAVIGATIONAL AIDS)</b>		
<b>a</b>	RWY / TWY / TURNPAD / APRON EDGE LIGHTS	<b>RWY:</b> HIRL- EDGE, THRESHOLD, END, TURNING PAD <b>TWY:</b> HI- EDGE (ON TWY C, D) TWY SIGNAGE'S: IDENTIFICATION, HOLDING POSITION, RWY VACATION <b>APRON- I:</b> EDGE LIGHTS, FLOOD LIGHTS <b>APRON- II:</b> EDGE LIGHTS
<b>b</b>	PRECISION APPROACH PATH INDICATOR (PAPI)	Available at both RWY13 & RWY31
<b>c</b>	APPROACH LIGHTING SYSTEM (ALS)	<b>RWY13-</b> SAPL, LENGTH- 420M, CROSS BAR AT 300M <b>RWY31-</b> TRUNCATED CAT-I , LENGTH- 180M, CROSS BAR AT 150M
<b>d</b>	APRON FLOOD LIGHT	Available
<b>e</b>	AERODROME BEACON	Available
<b>f</b>	ISOLATION BAY LIGHTING	Not Available
<b>g</b>	OBSTRUCTION LIGHT	Available
<b>h</b>	LIGHTED LANDING 'T' / WDI	Available
<b>i</b>	MARKINGS	<b>RWY:</b> DESIGNATION, THRESHOLD, CENTRE LINE, SIDE STRIPE, TDZ, AIMING POINT, TURNING PAD, DISPLACED THRESHOLD (RWY13) <b>TWY:</b> CENTER LINE, EDGE, HOLDING POSITION, VOR CHECK POINT (TWY C)
		<b>APRON-I:</b> TAXI LANE, STAND MARKING, SAFETY LINE, EDGE, VEHICULAR LANE, GSE AREA

<b>K COMMUNICATION, NAVIGATIONAL &amp; SURVELLIANCE AIDS</b>		
<b>a</b>	AIR-TO-GROUND COMMUNICATION-VHF/ GROUND- TO-GROUND COMMUNICATION-HF/ DVTRS/HHRT/MASTER CLOCK SYSTEM/ATIS/DIAL-UP (AFTN)/ DSCN/VPN/AMSS/VCCS & LAN/WAN	<b>VHF:</b> MAIN- 118.05 MHz , ALTERNATE- 124.3 MHz <b>ATIS:</b> 126.85 MHz <b>AFTN:</b> AMSS DROP CIRCUIT IN TWR <b>DSCN:</b> VECC, CITY F/S, AIRPORT F/S <b>LAN:</b> AAI LAN
<b>b</b>	NDB & DVOR/DME (HIGH POWER)	<b>NDB:</b> 'RC' -285 KHz , <b>DVOR:</b> 'RRC'-116.9 MHz <b>HP-DME:</b> 'RRC'- 1140/1203 MHZ (CO-LOCATED WITH DVOR)

<b>c</b>	ILS/DME (LOW POWER) ( LLZ/GP)	<b>RWY31 ILS/DME</b> : 'IRAN' 1066/1003MHZ <b>LLZ (ILS CAT-1):</b> IRAN 110.500MHZ / <b>GP:</b> 329.600 MHz
<b>d</b>	SURVELLIANCE RADAR	Not Available

<b>L</b>	<b>AVIATION METEOROLOGICAL SERVICE FACILITY</b>	
<b>a</b>	CATEGORY	MWO Category-III
<b>b</b>	EQUIPMENTS	As per AMSS Requirement

<b>M</b>	<b>AVIATION REFUELING SERVICES</b>	
<b>a</b>	CATEGORY	JET A1 (ATF K-50)
<b>b</b>	EQUIPMENTS	<b>IOC:</b> ONE BOWSER – 16KL TWO BOWSER – 11KL ONE BOWSER – 06KL TOTAL STORAGE – 470KL <b>RELIANCE:</b> ONE BOWSER – 16KL ONE BOWSER – 11KL TWO BOWSER – 06KL TOTAL STORAGE –199KL
<b>c</b>	AGENCY	IOC & Reliance

<b>N</b>	<b>SECURITY &amp; SAFETY FACILITY</b>	
<b>a</b>	PERIMETER BOUNDARY WALL/ FENCE(LENGTH/HEIGHT IN M)	Available for 2.89m Height, Boundary Wall (7.8 Km) and Chain Link Fencing (1.083 Km)
<b>b</b>	PERIMETER ROAD (length/width)	Available
<b>c</b>	SECURITY GATES/WATCH TOWER	Available
<b>d</b>	FIRE STATION / MT WORKSHOP	Available Arff Cat-7/Available

<b>O</b>	<b>PASSENGER FACILITY INFORMATION</b>	
		<b>DOMESTIC SIDE</b>   <b>INTERNATIONAL SIDE</b>
<b>a</b>	TERMINALBUILDING BUILTUP AREA (IN SQM)	New Integrated Terminal Building Total-19676 sqm (GF-11837sqm +1 <sup>st</sup> FL- 7839
<b>b</b>	ANNUAL DESIGN CAPICITY (MPPA)	2.00

<b>c</b>	PEAK HOUR CAPACITY (PHP)- DEPARTURE/ARRIVAL/TRANSIT PAX	500	200
<b>d</b>	PASSANGER FACILITATION	Existing	Planned
	• CHECK-IN-COUNTERS / CUTE SYSTEM	14	
	• CONVEYOR BELTS	Dep-1 (Slider Bed Compatible To Inline X-Bis) Arr -2+1 (Flat Carousels)	
	• X-BIS	RB-2, HB-2	
	• PBB/ELEVATOR/ESCALATORS	02/06/05	
	• IMMIGRATION / CUSTOMS / HEALTH / PLANT QUARANTINE FACILITY	Counters Available (08+04) Counters Available	
	• PAX BAGGAGE TROLLEYS	250 (New) + 350 (Old)	
	• RESERVED LOUNGE	VIP-04, CIP-01	
	• AIRLINES OFFICES	03	
	• FIRST AID	Available	
	• RESTAURANT / SNACKS BAR	Restaurant-01, Snack- Bar-03	
	• SMOKING ROOM	Available	
	• CHILD CARE ROOM	04	
	• FACILITIES FOR DIFFERENTLY ABLED PERSONS SUCH AS TOILETS RAMPS,RAILINGS,WHEEL CHAIR etc.	Available in Terminal Building	
	• CAR PARK AREA /CAPACITY	3700 Sqm for 150 Cars and 2 Buses	
	• MULTI LAYER CAR PARKING	Not Available	

<b>P AAI STAFF ACCOMMODATION</b>					
		<b>EXISTING</b>		<b>PROPOSED</b>	
<b>a</b>	TYPE WISE PROVISION	Type-A	16	Type-A	Nil
		Type-B	33	Type-B	32
		Type-C	13	Type-C	08
		Type-D	03	Type-D	06
<b>b</b>	CISF BARRACK ACCOMMODATION	Area of 1410.16 Sq M		Nil	

<b>Q AIRPORT SERVICES</b>		
<b>a</b>	WATER SUPPLY SYSTEM	Available, Through Municipal Corporation
<b>b</b>	RAIN WATER DISPOSAL SYSTEM	Available
<b>c</b>	SEWAGE DISPOSAL SYSTEM	Available, Sewage Treatment Plant – 225 CUM/DAY, Effluent Treatment Plant – 275 CUM/DAY
<b>d</b>	SOLID WASTE MANAGEMENT SYSTEM	Available, Collected by Ranchi Municipal Corporation on a Routine Basis
<b>e</b>	POWER SUPPLY SYSTEM	33 KV Dedicated Power Supply from JSEB

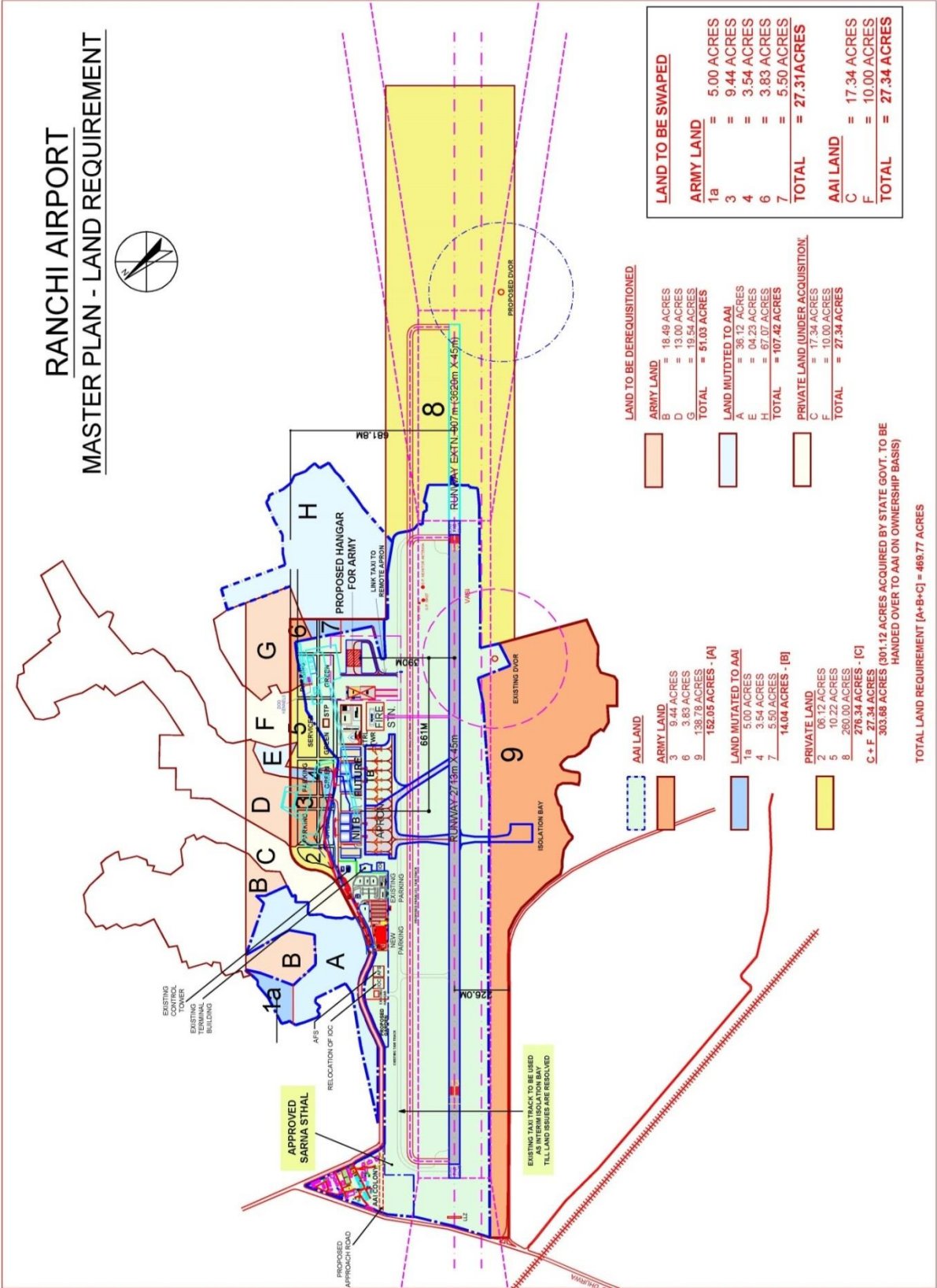
<b>R ANNUAL TRAFFIC HANDLED (F.Y.)</b>									
		<b>2012-13</b>		<b>2013-14</b>		<b>2014-15</b>		<b>2015-16</b>	
		<b>DOM</b>	<b>INTL</b>	<b>DOM</b>	<b>INTL</b>	<b>DOM</b>	<b>INTL</b>	<b>DOM</b>	<b>INTL</b>
<b>a</b>	AIRCRAFT MOVEMENT	12727	56	13105	56	14857	50	13526	40
<b>b</b>	PASSENGER	457470	6440	510457	6549	648204	5628	734315	5646
<b>c</b>	CARGO (IN TONNES)	1530	202	2491	0	3410	86	3997	186

<b>S ANNUAL REVENUE/EXPENDITURE (F.Y.) Rs.IN LAKHS</b>					
		<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>
<b>a</b>	AERONAUTICAL REVENUE	776.32	901.36	1224.31	1037.00
<b>b</b>	NON- AERONAUTICAL REVENUE	635.58	823.13	754.95	1412.00
<b>c</b>	TOTAL REVENUE (a+b)	1411.9	1724.49	1979.26	2449.00
<b>d</b>	EXPENDITURE	3918.48	5035.08	5369.63	5594.00

<b>T MAJOR DEVELOPMENT WORK (RS. 2 CRORES AND ABOVE)</b>						
		<b>COST in Crores</b>	<b>DATE OF COMMENCEMENT</b>	<b>PDC</b>	<b>ADC</b>	<b>REMARKS</b>
	<b>ONGOING:-</b>					
<b>1</b>	C/o Technical Block & Control Tower	9.91	06.09.2012			Work under Progress
<b>2</b>	Expansion of Apron					Work awarded. DGCA approval awaited for Commencement.

<b>PROPOSED:-</b>			
<b>1</b>	C/o Multistoried type C&D quarters.	2.21	In Planning stage at RHQ.
<b>2</b>	C/o M T workshop	3.00	
<b>3</b>	Recarpeting & C/o approach road from Apron to new tower (Phase-II)	2.00	
<b>4</b>	C/o Boundary wall additional land under acquisition.	2.00	

# RANCHI AIRPORT MASTER PLAN - LAND REQUIREMENT



LAND TO BE DEREGISTERED	
ARMY LAND	= 18.49 ACRES
B	= 13.00 ACRES
G	= 19.54 ACRES
<b>TOTAL</b>	<b>= 51.03 ACRES</b>
LAND MUTATED TO AAI	
A	= 36.12 ACRES
E	= 04.23 ACRES
H	= 67.07 ACRES
<b>TOTAL</b>	<b>= 107.42 ACRES</b>
PRIVATE LAND (UNDER ACQUISITION)	
C	= 17.34 ACRES
F	= 10.00 ACRES
<b>TOTAL</b>	<b>= 27.34 ACRES</b>

LAND TO BE SWAPED	
ARMY LAND	= 5.00 ACRES
3	= 9.44 ACRES
4	= 3.54 ACRES
6	= 3.83 ACRES
7	= 5.50 ACRES
<b>TOTAL</b>	<b>= 27.31 ACRES</b>
AAI LAND	= 17.34 ACRES
C	= 10.00 ACRES
F	= 10.00 ACRES
<b>TOTAL</b>	<b>= 27.34 ACRES</b>

AAI LAND	
ARMY LAND	3 = 9.44 ACRES
	6 = 3.83 ACRES
	9 = 138.78 ACRES
<b>TOTAL</b>	<b>152.05 ACRES - [A]</b>
LAND MUTATED TO AAI	
1a	5.00 ACRES
4	3.54 ACRES
7	5.50 ACRES
<b>TOTAL</b>	<b>14.04 ACRES - [B]</b>
PRIVATE LAND	
2	18.12 ACRES
5	10.22 ACRES
8	260.00 ACRES
<b>TOTAL</b>	<b>278.34 ACRES - [C]</b>
<b>C + F</b>	<b>27.34 ACRES</b>

ARMY LAND	
1a	= 5.00 ACRES
3	= 9.44 ACRES
6	= 3.83 ACRES
9	= 138.78 ACRES
<b>TOTAL</b>	<b>= 157.05 ACRES - [A]</b>
LAND MUTATED TO AAI	
1b	= 5.00 ACRES
4	= 3.54 ACRES
7	= 5.50 ACRES
<b>TOTAL</b>	<b>= 14.04 ACRES - [B]</b>
PRIVATE LAND	
2	= 18.12 ACRES
5	= 10.22 ACRES
8	= 260.00 ACRES
<b>TOTAL</b>	<b>= 278.34 ACRES - [C]</b>
<b>C + F</b>	<b>= 27.34 ACRES</b>

TOTAL LAND REQUIREMENT (A+B+C) = 489.77 ACRES	
AAI LAND	303.68 ACRES (301.12 ACRES ACQUIRED BY STATE GOVT. TO BE HANDED OVER TO AAI ON OWNERSHIP BASIS)
ARMY LAND	157.05 ACRES
PRIVATE LAND	27.34 ACRES
<b>TOTAL</b>	<b>489.77 ACRES</b>

## RANCHI AIRPORT