

**AD 2. AERODROMES****VOKU AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

VOKU - KURNOOL AIRPORT, KURNOOL

**VOKU AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	Aerodrome reference point coordinates and its site	154253N 0780947E Near Eastern edge of Apron.
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	South East, 22 KM from Kurnool Railway Station
3	Aerodrome elevation and reference temperature	1129 FT / 40.1 DEG C
4	Magnetic variation, date of information and annual change	0.88 DEG W (2019) /0.02 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	The Airport Director, Kurnool Airport Andhra Pradesh Airports Development Corporation Limited Orvakal Mandal, Kurnool, Andhra Pradesh,
	Telephone:	+91-8518-289800
	Fax:	+91-8518-289810
	AFS:	
	Email:	apd.kurnoolairport@gmail.com
6	Types of traffic permitted (IFR/VFR)	VFR
7	Remarks	1. Vertical Datum: EGM08 2. Aerodrome Category: 3C

**VOKU AD 2.3 OPERATIONAL HOURS**

1	Aerodrome Operator	MON-SAT 0400-1200 UTC (0930-1730 IST) SAT, SUN, HOL: NIL
2	Custom and immigration	
3	Health and sanitation	HO
4	AIS briefing office	HO
5	ATS reporting office (ARO)	HO
6	MET Briefing office	HO
7	Air Traffic Service	Consult current NOTAM
8	Fuelling	HO
9	Handling	HO
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

**VOKU AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	JET A1
3	Fuelling facilities and capacity	HPCL Bowser Filling, 28KL (Portable) and Storage 30KL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

**VOKU AD 2.5 PASSENGER FACILITIES**

1	Hotel(s) at or in the vicinity of aerodrome	Orvakal Rock Garden Resort-A. P Tourism Hotel, Hotels in the Kurnool City available
2	Restaurant(s) at or in the vicinity of aerodrome	At Airport, on NH and in the Kurnool City
3	Transportation possibilities	Taxi from AD
4	Medical Facilities	First AID at AD and Hospital in the City
5	Bank and post office at or in the vicinity of aerodrome	Banks: Banks: Kurnool City Post office: Post Office: 5KM From Airport
6	Tourist office	NIL
7	Remarks	NIL

**VOKU AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	Aerodrome category for fire fighting	Within ATS HR: CAT-6
2	Rescue equipment	Available as per category
3	Capability for removal of disabled aircraft	1. The critical aircraft for the airport is ATR 72-600 2. Primary responsibility for removal of disabled aircraft rests with the concerned airline. 3. The airlines may contact 'Aerodrome Coordinator for Disabled Aircraft Removal Operations' for coordinating with the agencies having Disabled Aircraft Recovery Kit. 4. Contact Details of Aerodrome Coordinator for Disabled Aircraft Removal Operations: Details of the Aerodrome Coordinator: Head Safety Contact Details: 9966107104 Email ID: safety.kurnoolairport@gmail.com
4	Remarks	NIL

**VOKU AD 2.7 SEASONAL AVAILABILITY CLEARING**

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

**VOKU AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

1	Designation, surface and strength of aprons	Designator: APRON Surface: Asphalt Strength: PCN 19/F/C/W/T
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2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 23 M Surface: Asphalt Strength: PCN 26/F/C/W/T  Designator: TWY B Width: 23 M Surface: Asphalt Strength: PCN 26/F/C/W/T
3	Location and elevation of altimeter checkpoints	Location : Apron Elevation : 1115 FT
4	Location of VOR checkpoints	
5	Position of INS checkpoints	
6	Remarks	1. Size of Apron: 217.2M x107.8M 2. Size of Isolation Bay: 107.8M x 91.8M 3. TWY B leading to Isolation bay 4. Vertical Datum: EGM08

**VOKU AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

1	Use of aircraft stand identification signs, taxiway guidelines and visual docking/parking guidance system at aircraft stands	Aircraft Stand ID Sign Marking- Available Aircraft Stand Signage with Altimeter Check Point- Available TWY Guidelines – Available Visual Docking Guidance System- NIL
2	Runway and taxiway markings and lights	RWY Marking : RWY Designation, THR, TDZ, Centre line, SideStripe, Aiming Point, Turn Pad RWY Lights: N/A TWY Marking : Centerline, Edge, Holding Position (for TWY A&B)  TWY Lights : N/A
3	Stop bars (if any)	NIL
4	Remarks	Taxiing guidance provided on R/T

**VOKU AD 2.10 AERODROME OBSTACLES**

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation (EGM08)	Marking/LGT	Remarks
28/TKOF 10/APCH	OTHER	154306.2N 0780927.7E	1149 FT	NO	Mobile Road Traffic (Road Elev 345.199m + 5m Mobile traffic)
28/TKOF 10/APCH	OTHER	154305.4N 0780927.6E	1149 FT	NO	Mobile Road Traffic (Road Elev 345.166m + 5m Mobile traffic)
28/TKOF 10/APCH	OTHER	154304.9N 0780927.5E	1149 FT	NO	Mobile Road Traffic (Road Elev 345.173m + 5m Mobile traffic)
28/TKOF 10/APCH	OTHER	154304.5N 0780927.4E	1149 FT	NO	Mobile Road Traffic (Road Elev 345.114m + 5m Mobile traffic)
28/TKOF 10/APCH	OTHER	154304.1N 0780927.4E	1148 FT	NO	Mobile Road Traffic (Road Elev 345.061m + 5m Mobile traffic)
28/TKOF 10/APCH	OTHER	154306.5N 0780921.1E	1166 FT	NO	Mobile Road Traffic (Road Elev 350.392m + 5m Mobile Traffic)
28/TKOF 10/APCH	OTHER	154306.5N 0780920.6E	1166 FT	NO	Mobile Road Traffic (Road Elev 350.477m + 5m Mobile Traffic)
28/TKOF 10/APCH	TREE	154305.8N 0780919.6E	1187 FT	NO	Group of Trees
28/TKOF 10/APCH	TREE	154306.0N 0780919.3E	1172 FT	NO	Tree Top
28/TKOF 10/APCH	TREE	154306.3N 0780919.2E	1181 FT	NO	Tree Top
28/TKOF 10/APCH	TREE	154305.8N 0780919.6E	1187 FT	NO	Group of Trees
28/TKOF 10/APCH	NATURAL HIGHPOINT	154306.4N 0780918.3E	1181 FT	NO	Rock Top

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation (EGM08)	Marking/LGT	Remarks
In circling area and at AD	TOWER	154337.0N 0780749.1E	1281 FT	LGTD	Cell phone Mast
In circling area and at AD	TOWER	154144.5N 0780851.0E	1302 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154148.1N 0780857.7E	1326 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154147.7N 0780910.6E	1342 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154147.1N 0780923.8E	1304 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154146.3N 0780936.8E	1280 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154145.8N 0780950.0E	1287 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154057.3N 0780920.1E	1287 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154147.1N 0780841.2E	1305 FT	LGTD	H.T. Tower (Ground Elev - 348.46 m)
In circling area and at AD	TOWER	154150.0N 0780829.8E	1316 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154155.7N 0780808.3E	1314 FT	LGTD	H.T. Tower Kurnool
In circling area and at AD	TOWER	154153.0N 0780818.5E	1317 FT	LGTD	H.T. Tower Kurnool
In circling area and at AD	TOWER	154156.0N 0780756.6E	1338 FT	LGTD	H.T. Tower Kurnool
In circling area and at AD	TOWER	154201.5N 0780744.8E	1369 FT	LGTD	H.T. Tower, Kurnool
In circling area and at AD	TOWER	154458.9N 0780941.3E	1298 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154503.2N 0780953.2E	1285 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154059.2N 0780905.1E	1286 FT	LGTD	H.T. Towers
In circling area and at AD	TOWER	154102.2N 0780907.6E	1304 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154107.2N 0780855.9E	1319 FT	LGTD	H.T Tower
In circling area and at AD	TOWER	154103.4N 0780853.5E	1316 FT	LGTD	H.T Tower
In circling area and at AD	TOWER	154111.6N 0780844.1E	1339 FT	LGTD	H.T Tower
In circling area and at AD	TOWER	154108.1N 0780841.3E	1327 FT	LGTD	H.T Tower
In circling area and at AD	TOWER	154116.4N 0780832.3E	1344 FT	LGTD	H.T Tower
In circling area and at AD	TOWER	154112.7N 0780829.1E	1334 FT	LGTD	H.T Tower
In circling area and at AD	TOWER	154121.0N 0780820.7E	1351 FT	LGTD	H.T Tower
In circling area and at AD	TOWER	154125.5N 0780809.6E	1362 FT	LGTD	H.T Tower

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation (EGM08)	Marking/LGT	Remarks
In circling area and at AD	TOWER	154241.2N 0780714.5E	1332 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154233.9N 0780713.9E	1349 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154033.5N 0781042.8E	1336 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154037.2N 0781108.0E	1336 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154039.3N 0781121.8E	1347 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154207.1N 0780733.0E	1368 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154212.3N 0780721.0E	1480 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154211.2N 0780715.6E	1452 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154226.8N 0780715.6E	1404 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154052.3N 0780932.4E	1281 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154217.9N 0780717.3E	1390 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154117.2N 0780816.6E	1348 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154121.5N 0780804.9E	1360 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154130.7N 0780756.5E	1362 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154126.0N 0780752.8E	1355 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154130.5N 0780740.6E	1369 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154135.1N 0780745.5E	1378 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154139.3N 0780735.4E	1404 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154144.1N 0780723.8E	1430 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154205.1N 0780719.7E	1413 FT	LGTD	H.T. Tower
In circling area and at AD	TOWER	154134.8N 0780728.1E	1388 FT	LGTD	H.T. Tower
In circling area and at AD	NAVAID	154252.3N 0781028.4E	1127 FT	NO	DWIS
In circling area and at AD	NAVAID	154256.6N 0781005.5E	1120 FT	NO	AATAS
In circling area and at AD	OTHER	154257.2N 0781002.3E	1125 FT	LGTD	Windsock
In circling area and at AD	SIGN	154302.7N 0780937.6E	1126 FT	NO	Sign Board Top

**VOKU AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Name of the associated meteorological office	AMO Hyderabad
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	9 HRS (HO, 1 Hour Prior to ATC Watch HRS)
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	AMO Hyderabad
4	Availability of the trend forecast for the aerodrome and interval of issuance	NIL
5	Information on how briefing and/or consultation is provided	Online Briefing System (OLBS)
6	Types of flight documentation supplied and language(s) used in flight documentation	English
7	Charts and other information displayed or available for briefing or consultation	Online Briefing System (OLBS)
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	Online Briefing System (OLBS)
9	The air traffic services unit(s) provided with meteorological information	KURNOOL ATC
10	Additional information, e.g. concerning any limitation of service.	NIL

**VOKU AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations	TRUE Bearings	Dimensions of RWY (M)	Strength of pavement (PCN) and associated data) and surface of runway and associated stopways	Geographical coordinates for threshold and runway end
1	2	3	4	5
10	98.84 DEG	2000 x 30 M	21/F/C/W/T Asphalt	THR: 154303.41N 0780937.77E RWY END: 154254.16N 0781039.12E
28	278.84 DEG	2000 x 30 M	21/F/C/W/T Asphalt	THR: 154254.16N 0781039.12E RWY END: 154304.16N 0780932.79E

THR elevation and highest elevation of TDZ of precision APP RWY	Slope of runway and associated stopway	Dimensions of stopway (M)	Dimensions of clearway (M)	Dimensions of strips (M)
6	7	8	9	10
THR: 1125.0FT TDZ:	-0.64%	NIL	500 x 150	2120 x 150 M
THR: 1086.0FT TDZ:	0.64%			2120 x 150 M

Dimensions of runway end safety areas	Location and description of arresting system (if any)	Existence of an obstacle-free zone	Remarks.
11	12	13	14
240M x 90M		Available	<p>1. Longitudinal Slope: Average: +0.649% (upward slope from RWY 28 to 10) 1420-1560: 0.339% to 0.736% 1560-2000: 0.8%</p> <p>2. Transverse Slope: Average: 1.5% 500-500: 1.2% to 1.5% 550-2000: 1.5%</p> <p>3. Vertical Datum: EGM08</p>
90M x 90M		Available	<p>1. Longitudinal Slope: Average: +0.649% (upward slope from RWY 28 to 10) 1420-1560: 0.339% to 0.736% 1560-2000: 0.8%</p> <p>2. Transverse Slope: Average: 1.5% 500-500: 1.2% to 1.5% 550-2000: 1.5%</p> <p>3. Vertical Datum: EGM08</p>

**VOKU AD 2.13 DECLARED DISTANCES**

RWY Designator	Take-off run available TORA (M)	Take-off distance available TODA (M)	Accelerate distance available ASDA (M)	Landing distance available LDA (M)	Remarks (including runway entry or start point where alternative reduced declared distances have been declared)
1	2	3	4	5	6
10	2000	2500	2000	1850	THR Displaced by 150M due Natural Hilly Terrain as additional Safety Measures
28	2000	2000	2000	2000	NIL



**VOKU AD 2.14 APPROACH AND RUNWAY LIGHTING**

Runway Designator	Type, length and intensity of approach lighting system	Runway threshold lights, colour and wing bars	Type of visual slope indicator system	Length of runway touchdown zone lights
1	2	3	4	5
10			PAPI LEFT/3.00 DEG MEHT (11.40M)	
28			PAPI LEFT/3.00 DEG MEHT (11.40M)	
Length, spacing, colour and intensity of runway centre line lights	Length, spacing, colour and intensity of runway edge lights	Colour of runway end lights and wing bars	Length and colour of stopway lights	Remarks
6	7	8	9	10
				NIL
				NIL

**VOKU AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN IBN	Top of ATC building White and Green Flashes, 24 flashes per minute Operations during Watch Hours
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI Anemometer	South of RWY, 75M from RWY Centre line, 1100M from RWY 28 Extremity RWY 28: 300M from THR, 90M from RWY Centre line. Marked/ Lighted
3	Taxiway edge and taxiway centre line lights;	Edge Centre Line	
4	Secondary power supply including switch-over time;	Switch over time 12 Sec	
5	Remarks	NIL	

**VOKU AD 2.16 HELICOPTER LANDING AREA**

1	Geographical coordinates of the geometric centre of touchdown and lift-off (TLOF) or of each threshold of final approach and take-off (FATO) area	NIL
2	TLOF and/or FATO area elevation:	NIL
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	NIL
4	True bearings of FATO;	NIL
5	Declared distances available	NIL
6	Approach and FATO lighting;	NIL
7	Remarks	No Separate Landing Area for Helicopter. Helicopter to Land on RWY 10/ 28

**VOKU AD 2.17 AIR TRAFFIC SERVICE AIRSPACE**

1	Airspace designation, geographical coordinates and lateral limits	CTR: Circular area centered on 154253N 0780947E within a 10NM radius.
2	Vertical limits	FL 85
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Kurnool Tower, English
5	Transition altitude	5000 FT
6	Hours of applicability	HO
7	Remarks	1. CTR only during published operational hours. 2. Beyond Operational Hours airspace Classification is Class G.

**VOKU AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES**

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
APP	Kurnool Approach	122.975 KHZ	
TWR	Kurnool Tower	119.425 MHZ	
TWR	Kurnool Tower	122.975 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	HO	NIL
	HO	Backup
	HO	Tower and Approach Combined

**VOKU AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

Type of aids, magnetic variation and type of supported operation for ILS/MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical lineup of the aid	Identification	Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate	Hours of operation, as appropriate;
1	2	3	4
NDB	KL	430 kHz	HO
Geographical coordinates of the position of the transmitting antenna	Elevation of transmitting antenna of DME/ elevation of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
5	6	7	8
154252.6N 0780925.7E			

**VOKU AD 2.20 LOCAL AERODROME REGULATIONS**

1. Aircraft to make 180 DEG turn at the end of runway and backtrack in coordination with ATC.
2. Aircraft heading towards Stand 1 & 2 shall make right turn & Aircraft heading towards Stand 3 & 4 shall make left turn while entering apron and follow the guidance sign for allocated aircraft stand.
3. Power in and Power Out stands. Aircraft to face PTB at aircraft stand.

**VOKU AD 2.21 NOISE ABATEMENT PROCEDURES**

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**VOKU AD 2.22 FLIGHT PROCEDURES**

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**VOKU AD 2.23 ADDITIONAL INFORMATION**

1. Significant objects in APP RWY10/TKOF RWY28

S.No.	Type of object	Co-ordinates	Elevation	Marking/LGT	Remarks
1	Hillock	154328.78N 0780809.03E	382.537M	Not Marked	RWY 10 THR Displaced by 150M

**VOKU AD 2.24 CHARTS RELATED TO AN AERODROME**

1. Aerodrome Chart
2. Aircraft Parking/Docking Chart

3. Aerodrome Ground Movement Chart
4. Aerodrome Obstacle Chart – Type A (Operating Limitations) RWY 10
5. Aerodrome Obstacle Chart – Type A (Operating Limitations) RWY 28
6. Aerodrome Obstacle Chart – Type B

**VOKU AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION**

Procedure	Procedure Minima	VSS Penetration
1	2	3