

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

VORY - RAJAMUNDARY / DOMESTIC

VORY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	170634N 0814910E MAG BRG 59 DEG/ 987M from physical extremity of RWY05.
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	7.3 NM North of Rajahmundry Railway Station (TR 014°)
3	Aerodrome elevation and reference temperature	151 FT / 39.0 DEG C
4	Magnetic variation, date of information and annual change	1.12 DEG W (2010) /0.016 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	The Airport Director Airports Authority of India Rajahmundry Airport Madurapudi (Post) Rajahmundry-533102 Andhra Pradesh,
	Telephone:	Tel: +91-883-2007838 Mobile +91-9490742058
	Fax:	+91-883-2487852
	AFS:	----
	Email:	apdry@aai.aero
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	NIL

VORY AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI: 0400-1230 UTC (0930-1800 IST) Sat/Sun/Holiday: NIL
2	Custom and immigration	NIL
3	Health and sanitation	Available at Rajahmundry 19 KMs from Airport
4	AIS briefing office	Not available
5	ATS reporting office (ARO)	As ATS
6	MET Briefing office	As ATS
7	Air Traffic Service	Refer current NOTAM for ATS watch hours.
8	Fuelling	As ATS
9	Handling	NIL
10	Security	As ATS
11	De-icing	NIL
12	Remarks	Rajahmundry airport available for night operations. Minimum 24 Hours prior notice required for Extension of watch hours.

VORY AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	JET A1

3	Fuelling facilities and capacity	03 Bowzers, 33KL/Static tanks 02 .65KL and 70KL. Tel No. +91-883-2487305 Mobile: +91-9652399929
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VORY AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	Available at Rajahmundry city 19 Kms from Airport
2	Restaurant(s) at or in the vicinity of aerodrome	Tea/Coffee vending machine, Packaged drinking water and soft drinks available
3	Transportation possibilities	Car rental services available at Airport
4	Medical Facilities	Available at Rajahmundry City 19 KMs from Airport. First Aid facility Available at Aerodrome.
5	Bank and post office at or in the vicinity of aerodrome	Banks: Available at Rajahmundry city 19 KMs from Airport Post office: Available at Rajahmundry city 19 KMs from Airport
6	Tourist office	Available at Rajahmundry city 19 KMs from Airport
7	Remarks	NIL

VORY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-5
2	Rescue equipment	As per the category
3	Capability for removal of disabled aircraft	Responsibility lies with respective Airlines. Responsibility lies with respective airline operator.
4	Remarks	First Aid Room Available

VORY AD 2.7 SEASONAL AVAILABILITY CLEARING

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

VORY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Designation, surface and strength of aprons	Designator: Main Apron Surface: Concrete Strength: PCN 41/R/B/W/T	
2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 15 M Surface: Concrete Strength: PCN 41/R/B/W/T	
3	Location and elevation of altimeter checkpoints	Location	Elevation
		Stand 1	146 FT
		Stand 2	148 FT
		TWY holding Point	144 FT
4	Location of VOR checkpoints	NIL	

5	Position of INS checkpoints	NIL
6	Remarks	NIL

VORY 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	Taxi guidelines AVBL from Runway to Parking stand 1 & 2.
2	Runway and taxiway markings and lights	RWY Markings: Designation, THR, Centreline, edges, end, TDZ and aiming point. RWY Lighting: Edge, End, Wingbar TWY Markings: Centreline, holding position, TWY side strip and TWY designation. TWY Lighting: Edge
3	Stop bars (if any)	NIL
4	Remarks	LDG area LGT FAC AVBL.

VORY 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	Marking/LGT	Remarks
23/TKOF 05/APCH	TREE	170609.7N 0814834.6E	150 FT	NIL	Group of Trees
23/TKOF 05/APCH	TREE	170608.2N 0814829.8E	154 FT	NIL	Group of Trees
23/TKOF 05/APCH	TREE	170607.0N 0814833.4E	156 FT	NIL	Group of Trees
23/TKOF 05/APCH	TREE	170604.5N 0814828.6E	147 FT	NIL	Group of Trees
23/TKOF 05/APCH	TREE	170605.1N 0814824.7E	162 FT	NIL	Group of Trees
23/TKOF 05/APCH	TREE	170605.1N 0814820.7E	156 FT	NIL	Group of Trees
23/APCH 05/TKOF	TREE	170656.5N 0814936.4E	194 FT	NIL	Group of Trees
23/APCH 05/TKOF	TREE	170659.8N 0814940.3E	196 FT	NIL	Group of Trees
23/APCH 05/TKOF	TREE	170710.1N 0814951.2E	211 FT	NIL	Group of Trees
23/APCH 05/TKOF	TREE	170705.5N 0814950.9E	212 FT	NIL	Group of Trees
23/APCH 05/TKOF	POLE	170654.9N 0814936.2E	168 FT	NIL	Electric Pole
23/APCH 05/TKOF	WALL	170653.4N 0814936.0E	164 FT	NIL	Boundary wall with fencing on top
23/APCH 05/TKOF	BUILDING	170655.1N 0814934.5E	164 FT	NIL	Security Hut
23/APCH 05/TKOF	WALL	170656.0N 0814934.0E	164 FT	NIL	Boundary wall with fencing on top
23/APCH 05/TKOF	OTHER	170708.2N 0814954.0E	215 FT	LGTD	OHWT (L/T) Cone Top
In circling area and at AD	TREE	170659.0N 0814928.7E	217 FT	NIL	Group of Trees

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation	Marking/LGT	Remarks
In circling area and at AD	TREE	170656.1N 0814925.3E	193 FT	NIL	Group of Trees
In circling area and at AD	POLE	170631.7N 0814907.0E	164 FT	NIL	WDI
In circling area and at AD	POLE	170634.8N 0814911.8E	191 FT	NIL	NDB Mast (MAIN)
In circling area and at AD	POLE	170635.5N 0814911.5E	180 FT	NIL	NDB Mast
In circling area and at AD	POLE	170635.0N 0814912.5E	181 FT	NIL	NDB Mast
In circling area and at AD	BUILDING	170635.5N 0814912.8E	169 FT	NIL	TRM Building
In circling area and at AD	OTHER	170635.8N 0814912.1E	198 FT	NIL	HC Rod on ATC (Beacon Top)
In circling area and at AD	TREE	170635.3N 0814912.5E	183 FT	NIL	Pipal Tree
In circling area and at AD	OTHER	170637.6N 0814914.4E	178 FT	NIL	Fire Section Top
In circling area and at AD	POLE	170640.5N 0814908.0E	162 FT	NIL	WDI
In circling area and at AD	TREE	170626.2N 0814901.8E	182 FT	NIL	Group of Trees
In circling area and at AD	TREE	170628.6N 0814847.7E	184 FT	NIL	Group of Trees
In circling area and at AD	POLE	170133.2N 0814848.6E	657 FT	NIL	TV Tower
In circling area and at AD	NATURAL HIGHPOINT	171125.0N 0814552.9E	663 FT	NIL	Hill Top
In circling area and at AD	NATURAL HIGHPOINT	171326.6N 0815337.5E	745 FT	NIL	Hill Top
In circling area and at AD	NATURAL HIGHPOINT	171307.1N 0815131.6E	699 FT	NIL	Hill Top
In circling area and at AD	TREE	170620.0N 0814836.2E	168 FT	NIL	Group of Trees
In circling area and at AD	TREE	170617.4N 0814832.7E	161 FT	NIL	Group of Trees
In circling area and at AD	TREE	170645.1N 0814927.9E	211 FT	NIL	Group of Trees
In circling area and at AD	TREE	170648.0N 0814932.0E	207 FT	NIL	Group of Trees
In circling area and at AD	TREE	170653.7N 0814938.0E	185 FT	NIL	Group of Trees
In circling area and at AD	TREE	170659.5N 0814931.3E	193 FT	NIL	Group of Trees

VORY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Rajahmundry Airport (Class III MET Office.)
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	As ATS
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Hyderabad (On Request), 3HR

4	Availability of the trend forecast for the aerodrome and interval of issuance	NIL
5	Information on how briefing and/or consultation is provided	NIL
6	Types of flight documentation supplied and language(s) used in flight documentation	Tabular form English.
7	Charts and other information displayed or available for briefing or consultation	NOT AVBL
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	Telephone available with MET for obtaining TAF from Hyderabad. Tel No:0883 2487974
9	The air traffic services unit(s) provided with meteorological information	VORY Rajahmundry Tower
10	Additional information, e.g. concerning any limitation of service.	Half hourly METAR AVBL

VORY 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
05	52.50 DEG	1749 x 45 M	26/F/B/W/T	THR: 170617.20N 0814841.10E
23	232.50 DEG	1749 x 45 M	26/F/B/W/T	THR: 170649.00N 0814927.00E

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: 111.0FT TDZ:		NIL	NIL	1869 x 150 M
THR: 148.7FT TDZ:		NIL	NIL	1869 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
		NIL	NIL
NIL		NIL	NIL

VORY 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
05	1749	1749	1749	1749	
23	1749	1749	1749	1669	

VORY 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
05	NIL	Green	PAPI /3.00 DEG MEHT (9.00M)	NIL
23	NIL	Green	PAPI /3.00 DEG MEHT (9.00M)	NIL

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
	1750 M 60 M White	Red	NIL	yellow colour 1/6th of RWY length on both sides for Runway edge lights
	1750 M 60 M White	Red		yellow colour 1/6th of RWY length on both sides for Runway edge lights

VORY AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	ABN overhead ATC building, 24 flashes/min As ATS Hours.
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	LDI available in Signal Area
		Anemometer	DIWE SET AVBL Technical Block III Floor WDI 2 available. 1 is left to taxiway A and the second is towards the north of runway abeam taxiway A

3	Taxiway edge and taxiway centre line lights;	Edge	AVBL
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Less than 15 Sec.	
5	Remarks	NIL	

VORY 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	Not Established
2	TLOF and/or FATO area elevation:	Not Established
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	Not Established
4	True bearings of FATO;	Not Established
5	Declared distances available	Not Established
6	Approach and FATO lighting;	Not Established
7	Remarks	Not Established

VORY AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	CTR: Area bounded by lines joining points 164409N 0813724E; 163749N 0812409E; 165549N 0811512E; 170001N 0812359E then along the clockwise arc of a circle of 25NM radius centred on ARP VORY (170634N 0814910E) to point of origin.
2	Vertical limits	FL 145
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Rajahmundry Tower, English
5	Transition altitude	5000 FT
6	Hours of applicability	HO
7	Remarks	NIL

VORY AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Rajahmundry Tower	122.300 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	NIL

VORY 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
VOR/DME	RJM	112.400 MHz CH71X	As ATS
NDB	RY	366 kHz	As ATS

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
170635.4N 0814854.7E	175 FT		
170631.0N 0814918.0E			

VORY AD 2.20 LOCAL AERODROME REGULATIONS

VORY AD 2.21 NOISE ABATEMENT PROCEDURES

VORY AD 2.22 FLIGHT PROCEDURES

VORY AD 2.23 ADDITIONAL INFORMATION

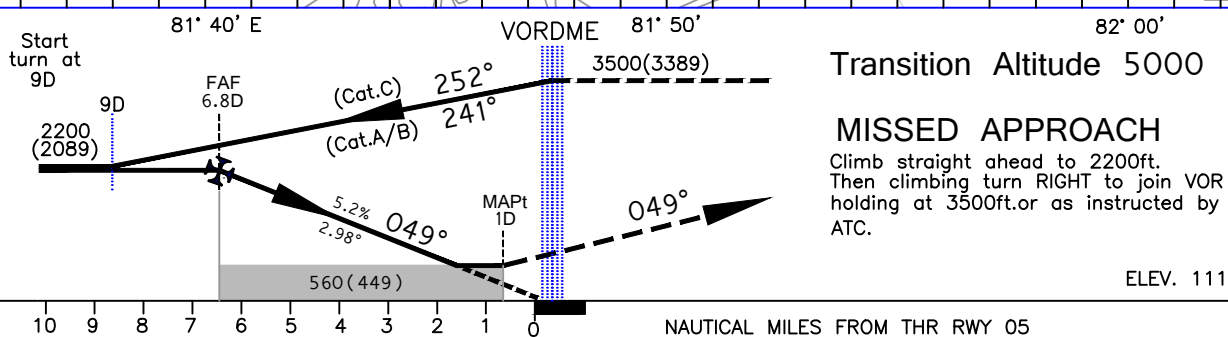
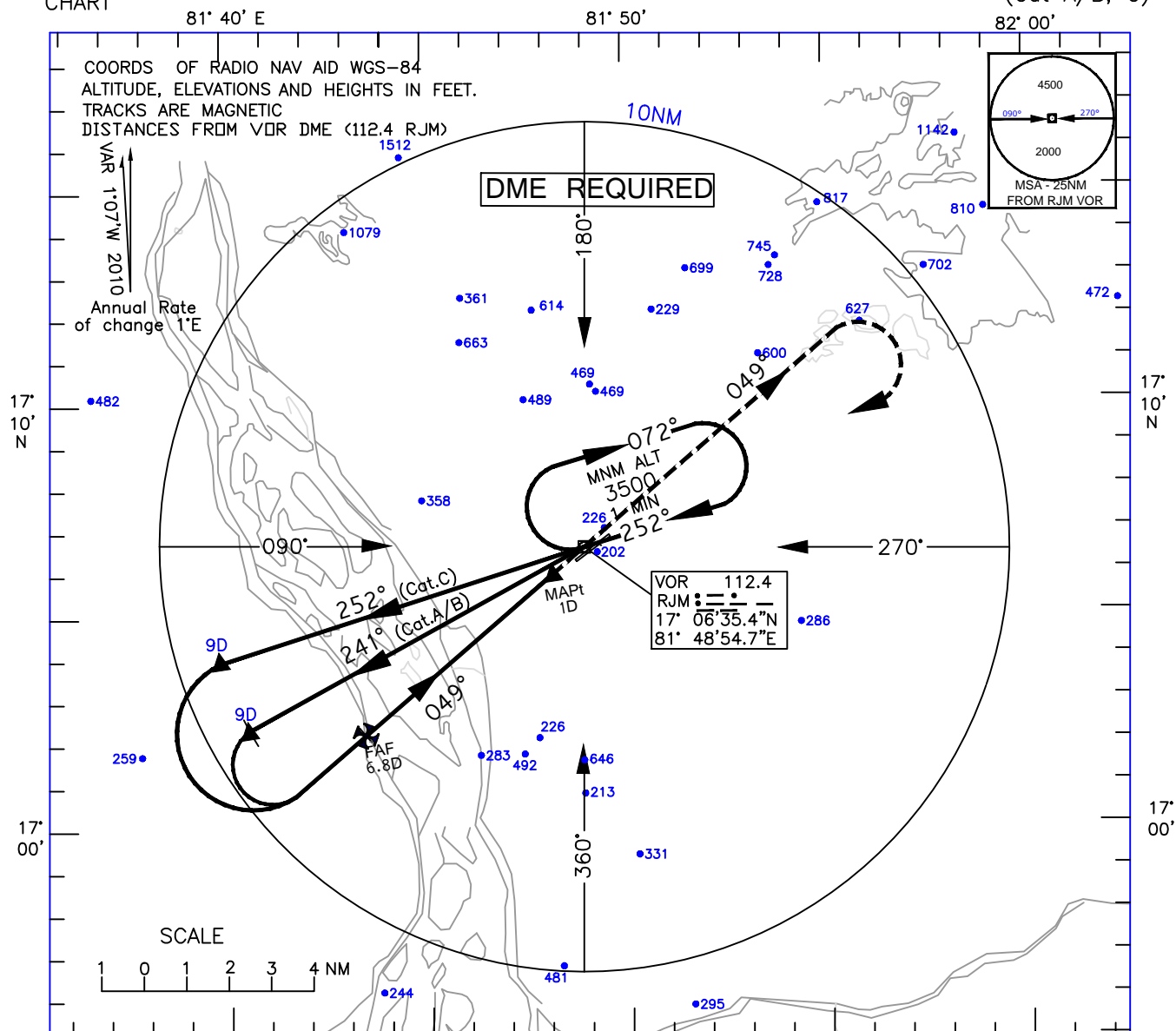
1. Apron (105 X 76M) with two parking stands marked with taxi guidelines marking.

VORY AD 2.24 CHARTS RELATED TO AN AERODROME

1. VOR Procedure Runway 05 (Cat A, B & C) (DME Required)
2. VOR Procedure Runway 23 (Cat A, B & C) (DME Required)
3. NDB Procedure RWY 05

INSTRUMENT
APPROACH
CHARTAERODROME ELEV. 151ft.
HEIGHTS RELATED TO
THR RWY 05-ELEV.111ft

TWR.122.3

RAJAHMUNDRY
INDIA
VOR RWY 05
(Cat A/B, C)

O C A (H)			Distance / Altitude information						
CAT. OF AIRCRAFT	A/B	C	Distance (NM)	6.8D	6D	5D	4D	3D	2D
STRAIGHT-IN	560(449)	560(449)	Altitude (Ft)	2200	1950	1630	1320	1000	690
VISUAL CIRCLING	650(499)	1040(889)	Rate of Descent / Ground speed information						
			Ground speed (Kt)		80	100	120	140	160
			Rate of descent (Ft/min)		420	525	630	735	845

DRG. NO. AAI/01-IALC/2017/18-01-2017

AIRPORTS AUTHORITY OF INDIA



