

**AD 2. AERODROMES****VAAH 2.1 AERODROME LOCATION INDICATOR AND NAME****VAAH-AHMEDABAD / INTERNATIONAL****VAAH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	230416.28N 0723735.15E 036°/710M from extremity of RWY 05.
2.	Direction and distance from (city)	045°/8KM from Ahmedabad Railway station.
3.	Elevation/Reference temperature	57.53M/42°C
4.	MAG VAR/Annual change	0.30°W(1985)/0.017°Decreasing
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airport Director Airports Authority of India, Sardar VallabhBhai Patel International Airport, Ahmedabad-380003.
		Tele 079-22869211, 9825024022, 079-22861885(R)
		Fax 079-22863561
		AFS VAAHYHYX
		E-Mail <a href="mailto:apdahmad1@sancharnet.in">apdahmad1@sancharnet.in</a>
6.	Types of traffic permitted (IFR/VFR)	VFR/IFR
7.	Remarks	DGCA License no. AL/Public/010

**VAAH AD 2.3 OPERATIONAL HOURS**

1.	AD Administration	MON-FRI : 0400-1200 (0930-1730) SAT,SUN+ HOL : Nil
2.	Custom and immigration	H24
3.	Health and sanitation	H24 Doctor Available on call basis
4.	AIS Briefing office	H24 with Control Tower
5.	ATS Reporting Office(ARO)	H-24 in control TWR
6.	MET Briefing office	H24
7.	ATS	H24
8.	Fuelling	H24
9.	Handling	PN With local Airlines Operators.
10.	Security	H24
11.	De-icing	Nil
12.	Remarks	Nil

**VAAH AD 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	Limited - Manual by arrangement with local Airlines
2.	Fuel/oil types	ATF, Jet A1, AVGAS 100LL,OIL- Nil
3.	Fuelling facilities/capacity	JET A1 4 Refuellers,64,000 liters,20 liters/Sec ATF, 1Refuellers 66,000 liters, 20 liters/Sec AVGAS 2 Refuellers, 6,000 liters,20 liters/Sec
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Limited, prior arrangement with local airlines required.
7.	Remarks	Nil

**VAAH AD 2.5 PASSENGER FACILITIES**

1.	Hotels	In the city & near the AD.
2.	Restaurants	At AD and in the city
3.	Transportation	Taxi, Car hire from AD, train , buses from the city
4.	Medical Facilities	First aid at AD. Doctor on call
5.	Bank and post office	Limited hours
6.	Tourist office	During flight timings at domestic terminal
7.	Remarks	Extension counter of Vijay Bank (Day Time at Domestic Terminal) Post office at Domestic Terminal Currency Exchange Counter of Bank of Baroda at Intl. Terminal ATM facility of Bank of Baroda at Domestic terminal.

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

1.	AD category for fire fighting	H24 CAT 9
2.	Rescue equipment	AVBL. as per category.
3.	Capability for removal of disabled aircraft	As per removal of Disabled acft. Plan.
4.	Remarks	Tow bar for B747/A320/A300/B737 avbl. with Indian Airlines

**VAAH AD 2.7 SEASONAL AVAILABILITY - CLEARING**

Nil

**VAAH AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1.	Apron surface and strength	Surface	Concrete 550X200M
		Strength	---
2.	Taxiway width, surface and strength	Width	23M (TWY A,B,P,C,D,F )
		Surface	TWY B BITUMEN TWY A, P,C, D, F CONCRETE
		Strength	TWY P, C, D, F PCN 80/R/B/W/U
3.	ACL and elevation	Location	At apron
		Elevation	54.5 M/ 179 FT
4.	VOR/INS checkpoints	VOR	TWY B holding PSN, 206Deg 0.3NM.
		INS	---
5.	Remarks	---	

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

1.	Use of aircraft stand ID signs, TWY guidelines and visual docking / parking guidance system of aircraft stands	Taxiing guidance provided on R/T, Guidelines at Apron. Nose-in Guidance at aircraft stands.		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Centerline , Aiming point
			Lighted	THR,RWY edge, RWY end.
		TWY	Marked	Centerline, Holding Positions.

			Lighted	Edge, Signage
3.	Stop bars	Nil		
4.	Remarks	Aircraft taxiing on L1 to make low power turn.		

**VAAH AD 2.10 AERODROME OBSTACLES**

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		3.
RWY /Area affected	Obstacle type Elevation Markings /LGT	Coordinates	Obstacle type Elevation Marking/LGT	Coordinates	
a	b	c	a	b	
1. 05APCH 23TKOF	APCH LIGHT 55.0M/180FT	230356.1N 0723718.9E			
2.	TREE 65.8M/216FT	230347.8N 0723706.2E			
3.	TREE 66.3M/218FT	230347.3N 0723702.0E			
4.	GP OF TREES 69.2M/227FT	230343.9N 0723659.4E			
5.	GP OF TREES 76.4M/251FT	230335.7N 0723653.9E			
6.	VENT PIPE 69.4M/228FT	230335.7N 0723605.5E			
7.	TREE 73.4M/241FT	230335.8N 0723705.5E			
8.	VENT PIPE 66.2M/217FT	230346.2N 0723705.0E			
9.	TREE 67.9M/223FT	230346.8N 0723707.7E			
10.	TREE 70.5M/231FT	230344.9N 0723711.3E			

**VAAH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1.	Associated MET office	Ahmedabad
2.	Hours of service Met office outside hours	H24 ---
3.	Office responsible for TAF preparation Periods of validity	Ahmedabad 9 and 24 HR.
4.	Types of landing forecast Interval of issuance	Metar/Speci/Special reports with Trend 30 Min
5.	Briefing / consultation provided	Provided with enroute forecast
6.	Flight documentation Language(s) use	Tabular form English
7.	Charts and other information available For briefing or consultation	S, U85, U70, U50 U30 U20.
8.	Supplementary equipment available for Providing information	Telex, Telefax, Satellite display work station
9.	ATS units provided with information	Ahmedabad ATS
10.	AD Additional information (limitation of service, etc.)	Advance notice of 2 Hrs required for domestic routes and 12 Hrs notice required for INTL. routes.

**VAAH AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY(M)	Strength (PCN) and surface of RWY and SWY	THR coordinates	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
05	044 30'GEO 045°00'MAG	3505X45M	2743M ASPHALT 762M CONCRETE	230357.5N 0723720.4E	THR54.9M/ 180FT
23	224°30'GEO 225°00'MAG	3505X45M	762M CONCRETE 2743M ASPHALT	230518.2N 0723847.8E	THR57.5M/ 189FT
Slope of RWY- SWY	SWY dimensions ( M)	CWY dimensions ( M)	Strip dimensions ( M)	OFZ	Remarks
7	8	9	10	11	12
Nil	Nil	Nil	3685X150	Nil	---
0.07% SW	60X60	Nil	3685X150	Nil	---

**VAAH AD 2.13 DECLARED DISTANCES**

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
05	3505	3505	3505	3505	1:50 RESA 90X90
23	3505	3505	3565	3505	1:50 RESA 90X90

**VAAH AD 2.14 APPROACH AND RUNWAY LIGHTING**

Designations RWY	APCH LGT TYPE LEN INTST	THR LGT COLOUR WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centerline, LGT Length Spacing Color,INTST	RWY Edge, LGT,LEN Spacing Color,INTST
1	2	3	4		6	7
05	SALS HIRL 420 HIL	Green HIL	PAPI LEFT/ 2°48' 14.769M	Nil	Nil	3505M 60M Standard HIRL
23	CAT – I ALS 750 HIL	Green HIL	PAPI LEFT/ 3° ' 20.44M	Nil	Nil	3505M 60M Standard HIRL
RWY END LGT COLOUR WBAR	SWY LGT LEN(M) Colour	Remarks				
8	9	10				
Red	Nil	Nil				
Red	Nil	Nil				

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

1.	ABN/IBN location, characteristics and Hours of operation	ABN	At 230434N 0723753E H24
		IBN	Nil
2.	LDI location and LGT Anemometer location and LGT	LDI	Nil
		Anemometer	RWY23 at 762M from beginning Rwy05 near TWY B not lighted
3.	TWY edge and centre line lighting	Edge	All TWY.
		Center line	Nil
4.	Secondary power supply/switch-over Time	Secondary power supply to all lighting at AD. Switch-over time :15 SEC.	
5.	Remarks	Apron edge and flood lights available.	

**VAAH AD 2.16 HELICOPTER LANDING AREA**

Not established

**VAAH AD 2.17 ATS AIRSPACE**

1.	Designation and lateral limits	Ahmedabad CTR : A circle radius 55KM (30NM) Centred at 230405.4N 0723744.8E (VOR). Ahmedabad CTA: 30NM to 100NM AAE FL70 to FL460 100NM AAE to CTA boundary FL150 to FL460.
2.	Vertical limits	SFC to FL70
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Ahmedabad Tower English
5.	Transition altitude	4000 FT MSL
6.	Remarks	Nil

**VAAH AD 2.18 ATS COMMUNICATION FACILITIES**

Service Designator	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
TWR	Ahmedabad	118.1MHz	H24	Primary Frequency
APP	Ahmedabad Approach	119.6MHz 118.1MHz	H24	Primary Frequency Secondary Frequency
ACC	Ahmedabad Control	123.75MHz 134.2 MHz	H24	Primary Frequency Secondary Frequency
ATIS	Ahmedabad Information	126.8MHz	H24	
TAR	Ahmedabad Radar	119.8MHz	AS ATS	Refer NOTAM for Current HR of operation
RSR	Ahmedabad Radar	123.75MHz 134.2 MHz	H24	Primary Frequency Secondary frequency
Emergency Frequency		121.5MHz	H24	

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

Type of aid CAT of ILS/MLS (For VOR/ILS/ MLS, give VAR)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME trans- mitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	AAE	113.1MHz	H24	230405.4N 0723744.8E		
DME	AAE	1102/ 1165 MHz	H24	230405.4N 0723744.8E	63M/207FT	Colocated with DVOR
LO	AH	215KHz	H24	230829.0N 0724158.8E		
OM		75MHz	H24	230829N 0724158.8E		
LLZ 23	IAHD	110.3MHz	H24	230349.9N 0723712.8E		
GP23		335.0MHz	H24	230457.9N 0723819.8E		3°,RDH/50FT
DME23 (ILS)	IAHD	1001/1064 MHz	H24	230457.9N 0723819.8E	63.4M/220F T.	Colocated with GP23

**VAAH AD 2.20 LOCAL TRAFFIC REGULATIONS**

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**VAAH AD 2.21 NOISE ABATEMENT PROCEDURES**

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**VAAH AD 2.22 FLIGHT PROCEDURES**

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**VAAH AD 2.23 ADDITIONAL INFORMATION**

I. Routine Wx. Radar observations taken at 0150,0250,0550,0850,1050,1350,1450, 1750, 2050 and 2250. during pre monsoon, monsoon and post monsoon seasons in case of no echoes In case echoes are observed additional observations are taken at 0350,0450,0650,0750,0950,1550,1650,1850,1950 and 2150. Observations are also taken in other seasons during bad Wx. Conditions.

II.Obst Lgt. provided on lightning arrestor pole on Antenna of the ASR/MSSR building antenna Hgt 237FT Coordinates 230412N 0723754E distance from centerline of RWY-870FT south of RWY, distance from beginning of RWY05-3350FT.

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

1. ILS RWY 23
2. VOR RWY 23
3. VOR RWY 05
4. NDB RWY 23
5. Obstacle Chart Type-A RWY 05
6. Obstacle Chart Type-A RWY 23