

AD 2. AERODROMES**VABO 2.1 AERODROME LOCATION INDICATOR AND NAME****VABO-VADODARA /DOMESTIC****VABO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	221948N 0731308E
2.	Direction and distance from (city)	045°/7KM from Vadodara Rly. Stn.
3.	Elevation/Reference temperature	39.44M(129FT)/41°C
4.	MAG VAR/Annual change	0.75°W (1985)/0.016° Decreasing
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airports Authority of India, Vadodara Airport, Vadodara -390022.
		Tele 0265-2485356.
		Fax 0265-2483899.
		Telex Nil
	AFS	VABOYHYX
6.	Types of traffic permitted (IFR/VFR)	VFR/IFR
7.	Remarks	Nil

VABO AD 2.3 OPERATIONAL HOURS

1.	AD Administration	MON-FRI : 0400-1200 (0930-1730 IST) SAT, SUN+ HOL: Nil
2.	Custom and immigration	Nil
3.	Health and sanitation	Nil
4.	AIS Briefing office	As ATS
5.	ATS Reporting Office(ARO)	As ATS
6.	MET Briefing office	As ATS
7.	ATS	Consult NOTAM for Current ATS HR.
8.	Fuelling	AS ATS
9.	Handling	As ATS
10.	Security	As ATS
11.	De-icing	Nil
12.	Remarks	Outside of these ATS hours, services as available O/R. with 24 HR PN to AD.

VABO AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Limited - Manual
2.	Fuel/oil types	ATF / Oil: Nil
3.	Fuelling facilities/capacity	Refuellers of 18,000 liters, 11.0litres/Sec.
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Nil

VABO AD 2.5 PASSENGER FACILITIES

1.	Hotels	In the city.
2.	Restaurants	At AD and in the city
3.	Transportation	Taxi at Airport.
4.	Medical Facilities	First aid at AD. Hospital in the city.
5.	Bank and post office	In the city
6.	Tourist office	At the AD
7.	Remarks	Nil

VABO AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	Within in ATS HR: CAT 6
2.	Rescue equipment	AVBL. as per Category.
3.	Capability for removal of disabled aircraft	Nil
4.	Remarks	Nil

VABO AD 2.7 SEASONAL AVAILABILITY – CLEARING

Nil

VABO AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Surface	Concrete
		Strength	30/R/C/W/T
2.	Taxiway width, surface and strength	Width	23M
		Surface	Bitumen
		Strength	45/F/D/X/T, PCN-54/F/B/W/T (TWY C)
3.	ACL and elevation	Location	---
		Elevation	---
4.	VOR/INS checkpoints	VOR	---
		INS	Nil
5.	Remarks	TWY A.B.C Isolation bay Dimension 61X76M, PCN 61/R/D/W/T	

VABO 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 Signs at all intersection With Twy & Rwy, Guidelines at Apron.		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Centerline, Edge
			Lighted	THR, Edge, End.
		TWY	Marked	Centreline, Holding Positions.
			Lighted	Twy B & C Edge.
3.	Stop bars	Nil		
4.	Remarks	Nil		

VABO AD 2.10 AERODORME OBSTACLES

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		3.
Obstacle type Elevation RWY/Area affected Marking/LGT Coordinates			Obstacle type Elevation Marking/LGT Coordinates		
a	b	c	a	b	
1. APCH04 TKOF22	ELECT. POLE 43.2M/142FT	221937.2N 0731254.6E			
2.	LLZ ANTENNA 40.0M/131FT	221938.1N 0731300.5E			
3.	LLZ BLDG 40.3M/132FT	221939.6N 0731258.5E			
4.	MOBILE RD TFC 41.3M/135FT	221934.2N 0731301.3E			
5.	VENT PIPE 47.6M/156FT	221930.5N 0731258.3E			
6.	ELECT. POLE 46.7M/153FT	221931.1N 0731258.9E			
7.	BUILDING 43.6M/143FT	221931.1N 0731258.1E			
8.	ELECT. POLE 46.1M/151FT	221931.6N 0731257.7E			
9.	VENT PIPE 48.4M/159FT	221928.6N 0731254.3E			
10.	VENT PIPE 47.7M/156FT	221926.6N 0731255.0E			
11.	ANT. ON BLDG 48.1M/158FT	221928.0N 0731250.9E			
12.	VENT PIPE 48.9M/160FT	221932.2N 0731251.5E			
13.	PEEPAL TREE 50.6M/166FT	221933.9N 0731252.7E			
14.	ELECT. POLE 44.4M/146FT	221936.3N 0731252.6E			
15.	ELECT. POLE 44.0M/144FT	221936.1N 0731253.5E			
16.	ANT. ON BLDG. 45.6M/150FT	221931.6N 0731252.2E			
17.	BLDG. 43.9M/144FT	221932.5N 731256.2E			
18.	GP OF TREES 57.2M/188FT	221919.2N 0731237.4E			
19.	GP OF TREES 62.1M/204FT	221914.4N 0731239.8E			
20.	BUILDING 85.6M/281FT	221810.7N 0731142.6E			

21. APCH22 TKOF04	GP OF TREES	222038.9N		
	48.1M/158FT	0731408.7E		
22.	GP OF TREES	222040.9N		
	45.7M/150FT	0731405.7E		
23.	GP OF TREES	222055.0N		
	59.1M/194FT	0731428.3E		
24.	GP OF TREES	222106.4N		
	68.8M/226FT	0731427.5E		
25.	PYLON MAST	222203.5N		
	88.3M/290FT	0731523.1E		
26.	PYLON MAST	222213.1N		
	86.9M/285FT	0731517.5E		
27.	PYLON MAST	222149.9N		
	91.4M/300FT	0731523.3E		
28.	PYLON MAST	222139.6N		
	90.0M/295FT	0731526.1E		

VABO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET office	Vadodara
2.	Hours of service Met office outside hours	H24 ---
3.	Office responsible for TAF preparation Periods of validity	Vadodara 00-09, 03-12, 06-15, 09-18, 21-06 HR.
4.	Types of landing forecast Interval of issuance	Nil
5.	Briefing / consultation provided	Nil
6.	Flight documentation Language(s) use	Tabular form English
7.	Charts and other information available For briefing or consultation	Nil
8.	Supplementary equipment available for Providing information	Telex, Telephone.
9.	ATS units provided with information	Vadodara ATC AND ACS
10.	AD Additional information (limitation of service, etc.)	Documentation provided A/R. Digital wind Panel.

VABO AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRG	Dimension 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
04	044°45'GEO 044°30'MAG	2469X45	53F/B/W/T Asphalt	221946.5N 0731307.0E	THR 38.0M/124FT
22	224°45'GEO 224°30'MAG	2469X45	53F/B/W/T Asphalt	222038.5N 0731404.7E	THR 39.0M/127FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
+0.64 %	---	---	2589X150	---	---
-0.64 %	----	---	2589X150	---	---

VABO AD 2.13 DECLARED DISTANCES

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
04	2469	2469	2469	2256	----
22	2469	2469	2469	2469	----

VABO 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	5	6	7
04	SALS 420M	Green	PAPI Left/3°	---	---	2469M 60M White, LIM
22	SALS 420M	Green	PAPI Left/3°	---	---	2469M 60M White, LIM
RWY END LGT COLOUR WBAR	SWY LGT LEN(M) Co colour	Remarks				
8	9	10				
Red	---	---				
Red	---	---				

VABO AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN/IBN location, characteristics and Hours of operation	ABN	At Tower Building, FLG W&G EV2SEC. As ATS HR
		IBN	NIL
2.	LDI location and LGT Anemometer location and LGT	LDI	50 m North of ARP lighted.
		Anemometer	50 M Northeast of ARP lighted.
3.	TWY edge and center line lighting	Edge	All TWY.
		Center line	
4.	Secondary power supply/switch-over Time	Secondary Power supply to all lighting at AD. Switch-over time: 30 SEC.	
5.	Remarks	Nil	

VABO AD 2.16 HELICOPTER LANDING AREA

Not Established

VABO AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	Vadodara CTR : A circle radius 46.3KM (25NM) Centered at 221958.2N 0731330.5E (DVOR).
2.	Vertical limits	SFC to FL70
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Vadodara Tower English
5.	Transition altitude	4000 FT MSL
6.	Remarks	Nil

VABO AD 2.18 ATS COMMUNICATION FACILITIES

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Vadodara Tower	122.350MHz	As ATS	

VABO 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 Operatio n	Site of Transmitti ng Antenna Coordinates	Elevation of DME trans- mitting Antenna	Remarks
1	2	3	4	5	6	7
DVOR	QQZ	117.300MHz	AS ATS	221958.2N 0731330.5E	---	---
DME (DVOR)	QQZ	1144/1207 MHz	AS ATS	221958.2N 0731330.5E	151FT	Colocated With DVOR
LLZ22 ILS CAT-I	IVDD	110.5MHz	AS ATS	221938.0N 0731300.9E	---	---
GP22	--	329.6MHz	AS ATS	222034.9N 0731353.9E	---	3° RDH/50F
DME(ILS)	---	1066/1003 MHz	AS ATS	222034.9N 0731353.9E	179FT	Colocated with GP22
NDB	QZ	304KHz	AS ATS	222005.2N 0731233.6E	---	---

VABO AD 2.20 LOCAL TRAFFIC REGULATIONS

VABO AD 2.21 NOISE ABATEMENT PROCEDURES

VABO AD 2.22 FLIGHT PROCEDURES

VABO AD 2.23 ADDITIONAL INFORMATION

VABO AD 2.24 CHARTS RELATED TO AN AERODROME

1. ILS RWY 22
2. VOR RWY 22
3. NDB RWY 22
4. Obstacle Chart Type-A RWY 04
5. Obstacle Chart Type-A RWY 22