

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

1.	ARP coordinates and site at AD	221834.1N 0704645.7E 356°/40M From Intersection of RWY 05/23 and 14/32.
2.	Direction and distance from (city)	090°/3KM from Rajkot
3.	Elevation/Reference temperature	134.31M(441FT)/41°C
4.	MAG VAR/Annual change	0.75°W(1985)/0.017 Decreasing
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airports Authority of India, Rajkot Airport, Rajkot -360006.
		Tele                      0281-2451849
		Fax                        0281-2479610.
		Telex                     Nil
	AFS	VARKYDYX
6.	Types of traffic permitted (IFR/VFR)	VFR/IFR
7.	Remarks	Nil

**VARK AD 2.3 OPERATIONAL HOURS**

1.	AD Administration	MON-FRI : 0400-1200 (0930-1730IST) 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 current NOTAM for ATS HR
8.	Fuelling	AS ATS
9.	Handling	AS ATS
10.	Security	As ATS
11.	De-icing	Nil
12.	Remarks	Outside of ATS hour services are available O/R with 24 HR PN to AD.

**VARK AD 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	Nil
2.	Fuel/oil types	ATF, Jet A1 btn 0030-1630 DLY. One HR PN beyond these timings.
3.	Fuelling facilities/capacity	Nil
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Nil

**VARK AD 2.5 PASSENGER FACILITIES**

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

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

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

**VARK AD 2.7 SEASONAL AVAILABILITY – CLEARING**

Nil

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

1.	Apron surface and strength	Surface	Bitumen
		Strength	PCN-43/F/C/X/T
2.	Taxiway width, surface and strength	Width	23M
		Surface	Bitumen
		Strength	PCN-43/F/C/X/T
3.	ACL and elevation	Location	At apron
		Elevation	131.8 M/ 432.3 FT
4.	VOR/INS checkpoints	VOR	TWY/RWY Holding PSN.
		INS	Nil
5.	Remarks	Nil	

**VARK 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.		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Centerline, Aiming Point, Edge
			Lighted	THR, Edge, End.
		TWY	Marked	Centerline, Holding Positions. Edge.
			Lighted	Edge.
3.	Stop bars	Nil		
4.	Remarks	Nil		

**VARK AD 2.10 AERODORME OBSTACLES**

In approach /TKOF areas			In circling area and at AD		Remarks	
1.			2.			3.
RWY/Area affected	Obstacle type Elevation Marking/LGT	Coordinates	Obstacle type Elevation Marking/LGT	Coordinates		
a	b	c	a	b		
1.APCH-05 TKOF-23	BOUN.WALL 135.3M/444FT	221815.3N 0704620.2E				
2.	ELECT.POLE 140.5M/461FT	221812.9N 0704617.2E				
3.	HOUSE 138M/453FT	221812.6N 0704616.9E				
4.	TREE 142.9M/469FT	221807.2N 0704620.9E				
5.	ELECT.POLE 142.4M/467FT	221806.7N 0704620.4E				
6.	ELECT.LINE 141.6M/465FT	221806.1N 0704618.3E				
7.	ELECT.LINE 141.2M/463FT	221808.1N 0704612.8E				
8.	ELECT.POLE 140.8M/462FT	221807.1N 0704616.2E				
9.	ELECT.POLE 140.6M/461FT	221807.1N 0704615.2E				
10.	TREE 143.9M/472FT	221806.2N 0704614.7E				
11.	ELECT.POLE 142M/466FT	221804.4N 0704616.6E				
12.	GP OF TREES 143.7M/471FT	221803.6N 0704612.3E				
13.	ELECT.POLE 139.3M/457FT	221807.9N 0704620.8E				
14.	ELECT.LINE 134.8M/442FT	221858.3N 0704717.5E				
15.	ELECT.LINE 136.3M/447FT	221856.9N 0704718.9E				
16.	ELECT POLE 135.0M/443FT	221901.5N 0704713.4E			LIGHTED DURING NIGHT	
17.	TV TX MAST 300M AMSL	221756.0N 0704732E				

**VARK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1.	Associated MET office	Rajkot
2.	Hours of service Met office outside hours	H24 ---
3.	Office responsible for TAF preparation Periods of validity	Ahmedabad 9 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	Telephone, Telex
9.	ATS units provided with information	Rajkot ATC and ACS
10.	AD Additional information (limitation of service, etc.)	Documentation provided O/R. WDI Avbl and lighted.

**VARK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE & MAG BRG	Dimension s 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	047°00'GEO 048°00'MAG	1846X45M	43F/C/X/T TARMAC	221816.4N 0704625.8E	THR133.5M/438FT TDZ 133.64M/438.4FT
23	227°15'GEO 228°00'MAG	1846X45M	43F/C/X/T TARMAC	221852.1N 0704708.7E	THR129.0M/423FT TDZ 130.75M/429FT
Slope of RWY- SWY	SWY dimensions ( M)	CWY dimensi ons (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.27%	---	---	---	---	RWY 14/32 Unserviceable
0.27%	---	---	---	---	---

**VARK AD 2.13 DECLARED DISTANCES**

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
05	1846	1846	1846	1746	----
23	1846	1846	1846	1746	----

**VARK AD 2.14 APPROACH AND RUNWAY LIGHTING**

Designati ons RWY	APCH LGT TYPE LEN INTST	THR LGT COLOUR WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY Centerline, LGT Length Spacing Color,INTST	RWYEdge,LGT,LEN Spacing Color,INTST
1	2	3	4		6	7
05	SALS Variable	Green	PAPI Left/3°	Nil	Nil	1846M 60M White , LIH
23	SALS Variable	Green	PAPI Left/3°	Nil	Nil	1846M 60M White , LIH

RWY END LGT COLOUR WBAR	SWY LGT LEN(M) Colour	Remarks
8	9	10
Red	Nil	Nil
Red	Nil	Nil

**VARK 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	165M EAST OF ARP Lighted
		Anemometer	On tower building not lighted
3.	TWY edge and centre line lighting	Edge	Lighted
		Centre line	Nil
4.	Secondary power supply/switch-over Time	Secondary Power supply to all lighting at AD. Switch-over time: 30SEC.	
5.	Remarks	Nil	

**VARK AD 2.16 HELICOPTER LANDING AREA**

Not Established

**VARK AD 2.17 ATS AIRSPACE**

1.	Designation and lateral limits	Rajkot: A circle radius 23.7KM (15NM) Centred at 221839.1N 0704710.8E (NDB) "RK".
2.	Vertical limits	SFC to FL100
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Rajkot Tower English
5.	Transition altitude	4000 FT MSL
6.	Remarks	Nil

**VARK AD 2.18 ATS COMMUNICATION FACILITIES**

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	RAJKOT TOWER	122.100MHz	As ATS	---

**VARK 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	RKT	115.4MHz	As ATS	221847.1N 0704641.7E	---	---
DME	RKT	1125/1188 MHz	As ATS	221847.1N 0704641.7E	140.31M/ 460FT	---
NDB	RK	329MHz	As ATS	221839.1N 0704710.8E	---	---
LLZ23 ILS CAT-I	IRAJ	100.900MHz	As ATS	221806.5N 0704700.5E	---	CH336X
GP23	---	330.8MHz	As ATS	221844N 0704700.5E	---	3°, RDH/50FT
DME(ILS)	IRAJ	1007/1070 MHz	As ATS	221844N 0704700.5E	130.68M/ 429FT	Colocated with GP23

**VARK AD 2.20 LOCAL TRAFFIC REGULATIONS**

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**VARK AD 2.21 NOISE ABATEMENT PROCEDURES**

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**VARK AD 2.22 FLIGHT PROCEDURES**

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**VARK AD 2.23 ADDITIONAL INFORMATION**

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

1. ILS RWY23
2. VOR (X) RWY23
3. VOR (Y) RWY 23
4. NDB RWY 23