

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

VAKS - KESHOD / DOMESTIC

VAKS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	211854N 0701609E 061 DEG /457M from physical extremity RWY05
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	060 DEG, 3KM from Keshod railway station.
3	Aerodrome elevation and reference temperature	167 FT / 32.0 DEG C
4	Magnetic variation, date of information and annual change	1.00 DEG W (1985) /0.017 DEG W
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, Keshod Airport, Keshod - 362220.
	Telephone:	+91-2871-233391, 234611
	Fax:	+91-2871-231412
	AFS:	VAKSYDYX
	Email:	cnsic_vaks@aai.aero
6	Types of traffic permitted (IFR/VFR)	VFR
7	Remarks	NIL

VAKS AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1200 UTC (0930-1730 IST) SAT, SUN+ HOL: Nil
2	Custom and immigration	NIL
3	Health and sanitation	As ATS
4	AIS briefing office	NIL
5	ATS reporting office (ARO)	NIL
6	MET Briefing office	NIL
7	Air Traffic Service	Consult NOTAM for current ATS HR.
8	Fuelling	NIL
9	Handling	As ATS
10	Security	As ATS
11	De-icing	NIL
12	Remarks	i. Outside of ATS hours, services are available O/R with 72 HR PN to AD. ii. The ATS approved hourly runway traffic handling capacity is as follows: Maximum number of arrival and departure -12 (The minimum spacing between two successive arrivals shall be more than five minutes) Maximum number of arrivals only -6 Maximum number of departures only -10

VAKS AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	NIL
3	Fuelling facilities and capacity	NIL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VAKS AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	In the city.
2	Restaurant(s) at or in the vicinity of aerodrome	In the city.
3	Transportation possibilities	Taxis
4	Medical Facilities	First aid at AD. Primary health center in the city
5	Bank and post office at or in the vicinity of aerodrome	Banks: In the city Post office: In the city
6	Tourist office	NIL
7	Remarks	NIL

VAKS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-4
2	Rescue equipment	AVBL. as per category
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

VAKS AD 2.7 SEASONAL AVAILABILITY CLEARING

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

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

1	Designation, surface and strength of aprons	Designator: APRON Surface: Concrete Strength:
2	Designation, width, surface and strength of taxiways	Designator: TWY Width: 15 M Surface: Macadam Strength:
3	Location and elevation of altimeter checkpoints	Location: At apron Elevation: 157FT
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints	NIL
6	Remarks	NIL

VAKS 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	Guidelines at apron
2	Runway and taxiway markings and lights	RWY Markings: THR, RWY Centerline, RWY Designation, RWY Edge, TDZ RWY Lighting: NIL TWY Marking: TWY Centerline, Holding Positions at all TWY/RWY intersections TWY Lighting: NIL
3	Stop bars (if any)	NIL
4	Remarks	Taxing guidance provided on R/T

VAKS 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/APCH 05/TKOF	TREE	211921.3N 0701633.2E	194 FT	NIL	TREE
23/APCH 05/TKOF	TREE	211920.5N 0701641.6E	190 FT	NIL	TREE
23/APCH 05/TKOF	POLE	211922.6N 0701639.6E	177 FT	NIL	ELECTRIC POLE
23/APCH 05/TKOF	POLE	211921.7N 0701634.3E	179 FT	NIL	ELECTRIC POLE
23/APCH 05/TKOF	TREE	211915.8N 0701636.8E	182 FT	NIL	TREE

VAKS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Keshod
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	0230-0930 UTC (0800-1500 IST)
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Ahmedabad 9HR
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	NIL
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	NIL
9	The air traffic services unit(s) provided with meteorological information	Keshod ATC AND ACS
10	Additional information, e.g. concerning any limitation of service.	Documentation provided A/R.

VAKS 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	50.25 DEG	1372 x 45 M	Macadam	THR: 211847.10N 0701555.00E
23	230.25 DEG	1372 x 45 M	Macadam	THR: 211915.80N 0701631.90E

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: 166.0FT TDZ:	-0.08%		107 x 150	1494 x 150 M
THR: 161.0FT TDZ:	0.08%		146 x 150	1494 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

VAKS 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	1372	1479	1372	1372	
23	1372	1518	1372	1372	

VAKS 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	NIL	NIL	NIL
23	NIL	NIL	NIL	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
		NIL		NIL
		NIL		NIL

VAKS AD 2.15 OTHER LIGHTING SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	ON TWR, Alternate red and green flashes operational during ops.
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	300M W of ARP, Unlighted
		Anemometer	NIL
3	Taxiway edge and taxiway centre line lights;	Edge	NIL
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Secondary Power supply to all lighting at AD. Switch-over time :1 MIN.	
5	Remarks	NIL	

VAKS 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	--
2	TLOF and/or FATO area elevation:	--
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	--
4	True bearings of FATO;	--
5	Declared distances available	--
6	Approach and FATO lighting;	--
7	Remarks	--

VAKS AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	CTR: Area bounded by lines joining points 212802N 0702359E; 213402N 0702859E; 213202N 0703459E; 211903N 0703959E; 205703N 0701559E; 210803N 0701759E then along the clockwise arc of a circle of 11NM radius centred on NDB KS (211907N 0701542E) to point of origin.
2	Vertical limits	FL 105
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Keshod Tower, English
5	Transition altitude	6000 FT
6	Hours of applicability	
7	Remarks	NIL

VAKS AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

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

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

VAKS 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	KS	282 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
211906.5N 0701542.0E			

VAKS AD 2.20 LOCAL AERODROME REGULATIONS

VAKS AD 2.21 NOISE ABATEMENT PROCEDURES

VAKS AD 2.22 FLIGHT PROCEDURES

VAKS AD 2.23 ADDITIONAL INFORMATION

VAKS AD 2.24 CHARTS RELATED TO AN AERODROME

1. NDB RWY23 (CAT A/B)

**INSTRUMENT
APPROACH
CHART**Aerodrome Elev. 167Ft
Height related to:
THR RWY23-Elev. 161Ft

TWR 122.3

**KESHOD
INDIA
NDB RWY 23
(Cat.A&B)**