

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

1.	ARP coordinates and site at AD	201448.2N 0854906.7E 342.30°/668M From physical extremity of RWY33.
2.	Direction and distance from (city)	BRG 224°/3KM from Bhubaneshwar Railway station.
3.	Elevation/Reference temperature	42.1M(138FT)/39°C
4.	MAG VAR/Annual change	1.1°W(1985)/Nil.
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airport Director Airports Authority of India, Biju Patnaik Airport, Bhubaneshwar-751020.
		Tele 0674 - 2534432, 2535405
		Fax 0674 - 2535305, 2535505
		Mobile 09437157023
	AFS	VEBSYHYX
6.	Types of traffic permitted (IFR/VFR)	VFR/IFR
7.	Remarks	Nil

VEBS AD 2.3 OPERATIONAL HOURS

1.	AD Administration	MON-FRI : 0400-1200 (0930-1730) 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	Daily : 0200-1700 (0730-2230)
9.	Handling	As ATS
10.	Security	As ATS
11.	De-icing	Nil
12.	Remarks	Outside of NOTAM/ATS hours, services are available O/R with 24 HR PN .

VEBS AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Nil
2.	Fuel/oil types	Jet A1, AVGAS, 100LL/ Oil MJO II
3.	Fuelling facilities/capacity	3 Refuellers , 11000/9000/6000 Liters, Preset 10 Liters/Sec (IOC) 2 Refuellers, 12000 Ltrs each 700LPM (BPCL)
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Nil

VEBS AD 2.5 PASSENGER FACILITIES

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

VEBS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	With in ATS HR: CAT - 6.
2.	Rescue equipment	2 Ambulances
3.	Capability for removal of disabled aircraft	Nil
4.	Remarks	Nil

VEBS AD 2.7 SEASONAL AVAILABILITY – CLEARING

Nil

VEBS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Surface	Concrete (Old & New Portions)
		Strength	PCN 30/R/C/W/T(Old) , 33/R/C/W/T (New)
2.	Taxiway width, surface and strength	Width	23M (Twy A) , 45M (Twy B)
		Surface	Bitumen (Twy A) , Concrete (Twy B)
		Strength	PCN 36/F/C/W/T (Twy A)
3.	ACL location and elevation	Location	AT Apron 201452.2N 0854905.7E
		Elevation	44M/144FT
4.	VOR/INS checkpoints	VOR	---
		INS	---
5.	Remarks	Nil	

VEBS 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. Taxi-In and Out markings available.		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Centreline, Edge
			Lighted	THR,Edge,End.
		TWY	Marked	Centerline, Edge
			Lighted	Edge.
3.	Stop bars	Nil		
4.	Remarks	Nil		

VEBS AD 2.10 AERODROME OBSTACLES

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		
RWY/Area affected	Obstacle type Elevation Marking/LGT	Coordinates	Obstacle type Elevation Marking/LGT	Coordinates	
a	b	c	a	b	
APCH-14 TKOF-32			KHANDAGIRI TEMPLE 103.5M , LGTED	201525N 0854655E	
APCH-32 TKOF-14	TREE 44.7M	201415.0N 0854928.0E			

VEBS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET office	Bhubneshwer
2.	Hours of service Met office outside hours	H24 ---
3.	Office responsible for TAF preparation Periods of validity	Bhubneshwer 9 AND 12HR
4.	Types of landing forecast Interval of issuance	Trend 30 MIN
5.	Briefing / consultation provided	Provided
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	Bhubneshwer ATC and ACS
10.	AD Additional information (limitation of service, etc.)	Nil

VEBS 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	050°52'GEO 052°00'MAG	1379X45M	28/F/C/W/T BITUMEN	201427.2N 0854847.0E	
23	230°52'GEO 232°00'MAG	1379X45M	28/F/C/W/T BITUMEN	201453.5N 0854920.9E	
14	143°22'GEO 144°30'MAG	2243X45M	30/F/C/W/T BITUMEN	201526.1N 0854827.7E	THR: 35.00M/115FT TDZ: 37.5M/123FT
32	323°22'GEO 324°30'MAG	2243X45M	30/F/C/W/T BITUMEN	201427.7N 0854914.1E	THR:37.5M/122FT TDZ: 39.6M/130FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
+0.63%	60X45	Nil	1499X150	---	Operation on RWY 05/23 restricted to light aircraft only.
(05/23)	60X45	Nil	1499X150	---	
+0.11%	61X45	Nil	2363X150	---	---
(14/32)	15X45	Nil	2318X150	---	

VEBS AD 2.13 DECLARED DISTANCES

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
14	2243	2243	2303	2243	1 : 50
32	2243	2243	2258	2243	1 : 50

VEBS 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
14	---	Green	PAPI Left/3°	---	---	2243M 60M white (INTST)
32	---	Green	PAPI Left/3°	---	---	2243M 60M white (INTST)
RWY END LGT COLOUR WBAR	SWY LGT LEN(M) Colour	Remarks				
8	9	10				
Red	---	---				
Red	---	---				

VEBS 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	Avbl
		Anemometer	On tower building not lighted
3.	TWY edge and centre line lighting	Edge	All Twy
		Centre line	NIL
4.	Secondary power supply/switch-over Time	Secondary Power supply to all lighting. Switch-over time : 10 to 15 SEC.	
5.	Remarks	NIL	

VEBS AD 2.16 HELICOPTER LANDING AREA

Not Established

VEBS AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	Bhubneshwer CTR : A circle radius 55.5KM (30NM) Centered at 201437.2N 0854847.7E (VOR).
2.	Vertical limits	GND to FL50
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Bhubneshwer Tower English
5.	Transition altitude	4000 FT AMSL
6.	Remarks	Caution for local (powered and glider) training flights in the AD circuit.

VEBS AD 2.18 ATS COMMUNICATION FACILITIES

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Bhubneshwer Tower	125.15MHz	AS ATS	---
TWR	Bhubneshwer Tower	125.15MHz	AS ATS	---
ATIS	Bhubneshwer Information	126.8MHz	AS ATS	---

VEBS 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 transmittin g antenna coordinates	Elevation of DME trans- mitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	BBS	113.5MHz	H24	201437.2N 0854847.7E	---	---

DME (DVOR)	BBS	1106/1169 MHz	H24	201437.2N 0854847.7E	37M/122F T	Collocated with DVOR
LLZ14 ILS CAT-I	IBHR	109.1MHz	As ATS	201422.2N 0854917.7E	---	CH336X
GP	BHR	331.4MHz	As ATS	201516.2N 0854830.7E	1754FT	3°, RDH/50FT
DME(ILS)		989/1052MHz	As ATS	201516.2N 0854830.7E	13.7M/45 FT	---
NDB	BS	302KHz	H24	201530N 0854859E	--	---

VEBS AD 2.20 LOCAL TRAFFIC REGULATIONS

VEBS AD 2.21 NOISE ABATEMENT PROCEDURES

VEBS AD 2.22 FLIGHT PROCEDURES

VEBS AD 2.23 ADDITIONAL INFORMATION

Additional Wind sock commissioned at a distance of 200M and Brg 300 Deg from ARP.
Windsock lighted during night.

VEBS AD 2.24 CHARTS RELATED TO AN AERODROME

1. ILS RWY14
2. VOR RWY14
3. VOR RWY32
4. NDB RWY 32
5. Obstacle Chart Type-A RWY 14
6. Obstacle Chart Type-A RWY 32