

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

1.	ARP coordinates and site at AD	223914.2N 0882648.18E 01.75° /1294M from THR 01R
2.	Direction and distance from (city)	045°/15KM from Howrah Railway Station.
3.	Elevation/Reference temperature	7.2M (23FT) /36°C
4.	MAG VAR/Annual change	0.45°W (1985) / Nil
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airports Authority Of India Netaji Subash Chandra Bose International Airport, Kolkata -700052.
		Tel 033-25119944
		Fax 033-25118873
		Telex Nil
	AFS	VECCYUYU
6.	Types of traffic permitted (IFR/VFR)	IFR/VFR
7.	Remarks	DGCA License no. AL/Public/007

**VECC AD 2.3 OPERATIONAL HOURS**

1.	AD Administration	Mon-Fri: 0400-1200 (0930-1730) Sat, Sun and Hol : Nil
2.	Custom and immigration	H-24
3.	Health and sanitation	H-24
4.	AIS Briefing office	H-24
5.	ATS Reporting Office(ARO)	H-24
6.	MET Briefing office	H-24
7.	ATS	H-24
8.	Fuelling	H-24
9.	Handling	H-24
10.	Security	H-24
11.	De-icing	Nil
12.	Remarks	Nil

**VECC AD 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	Upto 12 Tons Handling Possible.
2.	Fuel/oil types	Avg 100LL, (ATF) JET A-1, MWM 45.55 MJ0II
3.	Fuelling facilities/capacity	(a) Hydrant At All Prkg Stands 12,000 Litres/Min. (b) Bowzer At Dispersal Area Of Hanger 9, C1 & C2 , 1,000 Litres/Min.
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Available For A300/A320 & B737-200 Type Of Aircraft With IAL. Requiring Prior Arrangements.
7.	Remarks	Handling Services Available With Air India And Indian Airlines. Requiring Prior Arrangements.

**VECC AD 2.5 PASSENGER FACILITIES**

1.	Hotels	Near The AD and in the city.
2.	Restaurants	At AD and in the city.
3.	Transportation	Taxis, Buses from AD.
4.	Medical Facilities	First aid at AD. Hospitals in the city.
5.	Bank and post office	At AD. Open H24.
6.	Tourist office	At AD and in the City
7.	Remarks	Nil

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

1.	AD category for fire fighting	H24:Cat 8
2.	Rescue equipment	AVBL. as per category
3.	Capability for removal of disabled aircraft	Available For Removal Of Upto B707 Type Of Aircraft
4.	Remarks	Nil

**VECC AD 2.7 SEASONAL AVAILABILITY – CLEARING**

Nil

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

1.	Apron surface and strength	Surface	Refer Para VECC AD 2.23
		Strength	Refer Para VECC AD 2.23
2.	Taxiway width, surface and strength	Width	Refer Para VECC AD 2.23
		Surface	Refer Para VECC AD 2.23
		Strength	Refer Para VECC AD 2.23
3.	ACL and elevation	Location	---
		Elevation	---
4.	VOR/INS checkpoints	VOR	---
		INS	---
5.	Remarks	---	

**VECC 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 Intersections With Twy & Rwy And At All Holding Positions. Guideline At Apron. Nose-In Guidance At A/C Stands.		
2.	RWY and TWY markings and LGT	RWY	Markings	Designation, THR , TDZ, Centerline , Rwy Edge
			Lighting	THR, Edge, End, TDZ, Centerline
		TWY	Marking	Centerline, Holding Positions At All Twy/Rwy Intersection. Intermediate taxi position on TWY A and for ILS CAT II on TWY C and TWY D
			Lighted	Edge.
3.	Stop bars	Nil		
4.	Remarks	Nil		

**VECC AD 2.10 AERODROME OBSTACLES**

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		3.
RWY/Area affected	Obstacle type	Coordinates	Obstacle type	Coordinates	
	Elevation				
	Marking/LGT		Marking/LGT		
a	b	c	a	b	
1. APCH01R	TREE	223816.0N			
TKOF19L	15.9M/52FT	0882651.3E			
2. APCH01L	TREE	223811.4N			
TKOF19R	14.5M/47FT	0882643.2E			
3.	TREE	223812.9N			
	16.1M/53FT	0882639.4E			
4.	TREE	223813.1N			
	17.3M/57FT	0882635.8E			
5.	TREE	223758.3N			
	28.1M/92FT	0882629.8E			
6.	TREE	223807.8N			
	16.4M/54FT	0882635.9E			
7.	TREE	223800.3N			
	21.0M/69FT	0882637.7E			
8.	TREE	223747.8N			
	27.3M/99FT	0882637.4E			
9. APCH19R	TREE	224006.4N			
TKOF01L	22.8M/75FT	0882642.1E			
10. APCH19L	TREE	224044.3N			
TKOF01R	19.0M/62FT	0882658.3E			
11.	TREE	224045.9N			
	17.9M/59FT	0882703.9E			
12.	TREE	224047.7N			
	25.7M/84FT	0882700.0E			
13.	TREE	224048.7N			
	27.0M/89FT	0882654.2E			
14.	TREE	224042.6N			
	16.4M/59FT	0882653.5E			
15.	GP OF TREES	224047.2N			
	23.8M/78FT	0882708.3E			
16.	CHIMNEY	224049.1N			
	23.6M/79FT	0882709.9E			
17.	TREE	224058.3N			
	26.2M/86FT	0882707.7E			
18.	TREE	224059.1N			
	27.1M/89FT	0882659.8E			
19.	TREE	224106.6N			
	31.4M/103FT	0882705.3E			
20.	TREE	224053.0N			
	31.5M/103FT	0882705.4E			

**VECC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1.	Associated MET office	Kolkata
2.	Hours of service Met office outside hours	H24
3.	Office responsible for TAF preparation Periods of validity	Kolkata 9,24 HR
4.	Types of landing forecast Interval of issuance	Trend 30 MIN
5.	Briefing / consultation provided	Provided
6.	Flight documentation Language(s) use	Chart And Tabular Form English
7.	Charts and other information available For briefing or consultation	S,U <sub>85</sub> ,U <sub>70</sub> ,U <sub>50</sub> ,U <sub>30</sub> ,U <sub>25</sub> ,U <sub>20</sub> ,U <sub>15</sub> ,U <sub>10</sub> ,P <sub>30</sub> ,P <sub>25</sub> ,P <sub>20</sub> ,Sw(Upto F1460)
8.	Supplementary equipment available for Providing information	Telex, Telefax, Satellite Display Work Station.
9.	ATS units provided with information	Kolkata ATS and ACS.
10.	AD Additional information (limitation of service, etc.)	Laser Ceilometer Installed At Rwy 19L Wx Radar Avbl. Vaisala Transmisso-Meter Of Cat-IIIB status Avbl. For Rwy 01R and 19L. AVRA facility for Rwy 01R avbl. All routine observations available Mid Rwy Transmisso-Meter available.

**VECC AD 2.12 RUNWAY PHYSICAL CHARACTERSTICS**

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
01R	06°15' GEO 07°00' MAG	3627X45	84/F/C/W/T BITUMEN	223831.91N 0882646.73E	THR 6.0M/20FT TDZ 6.18M/20.2FT
19L	186°15'GEO 187°00' MAG	3627X45	84/F/C/W/T BITUMEN	224014.7N 0882657.8E	THR 6.0M/19FT TDZ 6.04M/19.8FT
01L	006°15' GEO 007°00' MAG	2399X45	45/F/C/W/T BITUMEN	223824.71N 0882638.37E	THR 6.0M/19FT
19R	186°15' GEO 187°00' MAG	2399X45	45/F/C/W/T BITUMEN	223942.0N 0882646.9E	THR 5.5M/19FT
Slope of RWY-SWY	SWY dimensions ( M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
---	148X45	152X300	3956X300	---	---
---	61X45	386X300	3956X300	---	---
-.08% (769M) -.02% (1080M) +. 2% (550M)	152X45	152X150	2823X150	---	---
+. 2% (550M) -.02% (1080M) -0.08% (769M)	152X45	152X150	2823X150	---	---

NOTE:- To eliminate chance of Rwy surface damage Pilots to use turning Pad of Rwy 19L while lining up for departure

**VECC AD 2.13 DECLARED DISTANCES**

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
01R	3627	3779	3775	3627	Nil
19L	3627	4013	3688	3200	RESA 90X90M
01L	2399	2551	2551	2399	Nil
19R	2399	2551	2551	2399	Nil

**VECC 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
01R	CAT - I 900M	Green	PAPI LEFT/3° (50FT)	---	---	3627M 60M WHITE (Last600m amber) LIH
19L	CAT- II 900M	Green Wbar	PAPI LEFT/3° (50FT)	---	---	3627M 60M WHITE (Last600m amber) LIH
01L	SALS 305M	Green	PAPI LEFT/3° (50FT)	---	---	2399M 60M WHITE (Last600m amber) LIH
19R	SALS 427M	Green	PAPI LEFT/3° (50FT)	---	---	2399M 60M WHITE (Last600m amber) LIH
RWY END LGT COLOUR WBAR	SWY LGT LEN(M) Colour	Remarks				
8	9	10				
Red	---	---				
Red	---	---				
Red	---	APCH with cross bar at 152m and 305m.				
Red	---	---				

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

1.	ABN/IBN location, characteristics and Hours of operation	ABN	At tower Building, FLG W&G Ev 2 Sec, H-24
		IBN	Nil
2.	LDI location and LGT Anemometer location and LGT	LDI	Between the two RWYs near 'C' Twy.
		Anemometer	---
3.	TWY edge and centre 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 :10 SEC.	
5.	Remarks	---	

**VECC AD 2.16 HELICOPTER LANDING AREA**

Not Established

**VECC AD 2.17 ATS AIRSPACE**

1.	Designation and lateral limits	KOLKATA CTR, A circle of radius 46KM(25NM) centered at 223842.6N 0882710.4E DVOR "CEA"
2.	Vertical limits	SFC to FL50
3.	Airspace classification	"D"
4.	ATS unit call sign Language(s)	KOLKATA Tower English
5.	Transition altitude	4000 FT MSL
6.	Remarks	Nil

**VECC AD 2.18 ATS COMMUNICATION FACILITIES**

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
SMC	Kolkata Ground	121.9MHz	H-24	---
TWR	Kolkata Tower	118.1MHz	H-24	---
APP	Kolkata Approach	127.9MHz ===	H-24	---
		119.3MHz		SDBY
TAR	Kolkata Radar	127.9MHz ===	H-24	---
		119.3MHz		SDBY
RSR(E)	KOLKATA Radar	120.7MHz ===	H-24	---
		125.9MHz		SDBY
RSR(W)	Kolkata Radar	120.1MHz ===	H-24	---
		126.1MHz		SDBY
RSR(S)	Kolkata Radar	132.45MHz	H-24	---
ATIS	Kolkata Information	126.4MHz	H-24	---

CPDLC	VECF		H-24	---
EMERGENCY FREQUENCY 121.5MHz				

**VECC 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 coordinate s	Elevation of DME trans- mitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	CEA	112.5MHz	H24	223842.6N 0882710.4E		
DME	CEA	1159/1096 MHz	H24	223842.6N 0882710.4E	55FT	Collocated with DVOR
LLZ 01R ILS CAT - I	ICAL	109.9MHz	H24	224041.6N 0882700.4E		
GP 01R		333.8MHz	H24	223840.6N 0882652.4E		3°, RDH 50FT
DME	ICAL	997/1060M Hz	H24	223840.6N 0882652.4E	65FT	Collocated with GP 01R
LO 01R	CA	293KHz	H24	223501.6N 0882623.8E		
OM 01R		75MHz	H24	223501.6N 0882623.8E		Collocated with LO CA.
LLZ 19L ILS CAT - I	IDUM	110.3MHz	H24	223819.6N 0882645.4E		
DME	IDUM	1001/1064 MHz	H24	224004.7N 0882701.8E		Collocated with GP 19L
GP 19L		335MHz	H24	224004.7N 0882701.8E	63FT	3 Deg , RDH 54FT
LO	DU	385KHz	H24	224424.6N 0882727.4E		
OM		75MHz	H24	224424.6N 0882727.4E		Collocated with LO

NOTE:- One of the two ils serving rwy 19l & 01r will be operational at a time. change over fm active to non-operational system will be effected within 15 (fifteen) minute on receipt of request fm aircraft

**VECC AD 2.20 LOCAL TRAFFIC REGULATIONS**

- I. For Stand 47, 48 & 49 Taxi in via Twy G & Taxi out via Twy A
- II. For parking stands 26 & 27 manual marshalling required. Departing aircraft to push back on TWY F1 facing north and start engines only after reaching abeam stand No. 25
- III. Portion of TWY 'F1' from the rear of stand 24 to the intersection of TWY 'R' available for operations of Acft. Up to CAT C. Necessary guidance board, lights and markings provided.
- IV. Portion of TWY 'R' from the intersection of TWY 'A' till intersection of TWY 'F1' available for aircraft up to CAT C. During towing to hanger exercise caution due presence of vehicles.

**VECC AD 2.21 NOISE ABATEMENT PROCEDURES**

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**VECC AD 2.22 FLIGHT PROCEDURES**

**I. KOLKATA AIRPORT - STANDARD INSTRUMENT DEPARTURE PROCEDURE**

**1. FACTORS COMMON TO ALL SIDs ARE AS FOLLOWS: -**

- (a) The radials mentioned in the SIDs are those of KOLKATA VOR (112.5MHz CEA) unless otherwise specified.
- (b) ATC at its discretion will specify alternate routings. If considered necessary due traffic.
- (c) The departure instructions will specify the SID to be followed, but may require an aircraft to climb to a specified altitude on a specified heading and to climb when instructed by Radar. In such cases, the aircraft will contact Radar and follow instructions. If communications with Radar is not established, the aircraft will follow the SID specified in the departure instructions.

**2. SIDs RWY 19L/19R**

ROUTE DESIGNATOR	SID DESIGNATOR	ROUTING AFTER DEPARTURE
R472/R598	AGODA-1	Turn left to intercept R-005 for AGODA.
A462	BEMAK-1	Turn left heading 020° to intercept R-056 for BEMAK.
B593	NOKAT-1	Turn left heading 040° to intercept R-073 for NOKAT.
B465	SUMAG-1	Turn left heading 070° to intercept R-097 for SUMAG.
L507	AVPOP-1	Turn left heading 090° to intercept R-124 for AVPOP.
W41/A465	LEGOS-1	Turn right at 2000FT to intercept R-199 for LEGOS then to KAKID.
A791/G450	JAMSHEDPUR-1	Turn right heading 305 to intercept R-275 to Jamshedpur VOR.
R460	TEPAL-1	Turn right heading 315 to intercept R-285 after passing 4000FT or 12DME whichever is earlier, turn right on heading 330 to establish R-303 to TEPAL.
R581	DUMKA-1	Climb straight ahead until 4DME. Then turn right to fly DME arc of radius of 7NM. After crossing R-312 turn left to establish on R-328 to DUMKA. Cross R-210 at 2000FT or above and R-285 at 4000FT or above.
A467/W69	ONOTO-1	Climb straight ahead until 4DME. Then turn right to fly DME arc of radius of 7NM. After crossing R-329 turn left to establish on R-345 to ONOTO. Cross R-210 at 2000FT or above and R-285 at 4000FT or above.
L507	AVPOP-1	Turn left heading 090° to intercept CEA VOR R-124 to AVPOP N2211808.8 E0890050.1 (R-124/037D CEA VOR) and join L507.
P646	DOPID-1	Turn left heading 140° to intercept CEA VOR R-159 to DOPID N205503.2 E0891216.1 (R-159/112D CEA VOR) and join P646.
M773	BUBKO-1	Turn right at 2000ft to intercept CEA VOR R-200 to LEGOS N213802.9 E0880520.6 (R-200/064D CEA VOR) - 169°/151NM – BUBKO N191103.7 E0883950.5 and join M770.

**3. SIDs RWY 01L/01R**

ROUTE DESIGNATOR	SID DESIGNATOR	ROUTING AFTER DEPARTURE
R472/R598	AGODA-2	Turn right to intercept R-005 for AGODA.
A462	BEMAK-2	Turn right heading 090° to intercept R-056 for BEMAK.
B593	NOKAT-2	Turn right heading 100° to intercept R-073 for NOKAT.
B465	SUMAG-2	Turn right heading 140° to intercept R-097 for SUMAG.
L507	AVPOP-2	Turn right heading 160° to intercept R-124 for AVPOP.
W41/A465	LEGOS-2	Turn right heading 220° to intercept R-199 for LEGOS then to KAKID.
A791/G450	JAMSHEDPUR-2	Turn left heading 230° at 4000FT to intercept R-275 to Jamshedpur VOR.
	JAMSHEDPUR-4	Turn right for KOLKATA VOR (112.5 CEA) to intercept R-275 to Jamshedpur VOR.
R460	TEPAL-2	Turn left heading 270° at 4000FT to intercept R-303 to TEPAL
R581	DUMKA-2	Turn left at 4000FT to intercept R-328 for DUMKA.
A467/W69	ONOTO-2	Turn left at 4000FT to intercept R-345 for ONOTO.
L507	AVPOP-2	Turn right heading 160° to intercept CEA VOR R-124 to AVPOP N221808.8 E0890050.1 (R-124/037D CEA VOR) and join L507.
P646	DOPID-2	Turn right heading 200° to intercept CEA VOR R-159 to DOPID N205503.2 E0891216.1 (R-159/112D CEA VOR) and join P646.
M773	BUBKO-2	Turn right heading 220° to intercept CEA VOR R-199 to LEGOS N213802.9 E0880520.6 (R-199/064D CEA VOR) - 169°/151NM – BUBKO N191103.7 E0883950.5 and join M770.

**II. Kolkata TMA Routing**

Route Designator	Kolkata TMA Routing
P646	DOPID N205503.2 E 0891216.1 -- 339° / 112NM --- CEA VOR N223842.6 E0882710.4
M773	BUBKO N191103.7 E0883950.5 -- 349° / 151NM --- LEGOS N213802.9 E0880520.6 -- 019° / 064NM --- CEA VOR N223842.6 E0882710.4

**III. SURVEILLANCE RADAR APPROACH PROCEDURES****NSCBI AIRPORT, KOLKATA**

1

RWY	THR ELEVATION (FT)	Inbound Track DEG (M)	IF (Dist. From touch down) (NM)	Altitude over IF (FT)	FAF(Dis. From touch down) (NM)	Altitude over FAF (FT)	MAPT (Dist. From touch down) (NM)	OCA (Straight-in) (FT)
19L	19	187	12	2000	6.2	2000	2	660
01R	20	007	12	2000	6.2	2000	2	670

## 2. Distance/Altitude Information

RWY	Dist. from TD (NM)	Distance/Altitude Information (NM)					Descent Gradient (GP Angle)
		6	5	4	3	2	
19L	Altitude (Ft)	1940	1620	1300	980	660	5.26% (3 Deg)
01R	Altitude (Ft)	1940	1620	1300	980	670	5.26% (3 Deg)

**3.OCA Circling :** CAT A/B : 720ft.  
CAT C/D. : 820ft.

4.

### Missed Approach Procedure :

RWY 19L : Climb straight ahead to 2000 ft then turn left to join VOR holding as specified in Para 6 or as instructed by ATC.

RWY 01R : Climb straight ahead to 2000 ft then turn right to join VOR holding as specified in Para 6 or as instructed by ATC.

### 5. Radar vectoring Areas :

Sector	Distance	Height
090-270	Upto 12NM	1700FT
090-270	12NM to 25NM	2000FT
270-090	Upto 12NM	1500FT
270-090	12NM to 25NM	2000FT

### 6.Holding procedure VOR (112.5CEA)

**RWY 19L** One minute right hand pattern inbound track 003 deg M. Minimum holding altitude 2000ft.

**RWY 01R** One minute left hand pattern inbound track 205 deg M. Minimum holding altitude 2000ft.

### 7. Radio communication failure procedure :

1.(I)In case radio communication failure takes place prior to establishing final approach, maintain the last assigned altitude or 2000ft whichever is higher and proceed to VOR (112.5) CEA via the shortest route to join holding procedure as specified in para 6.

(II)In case radio communication failure takes place after establishing the final approach track, aircraft may continue the approach and land if visual, or go around and carry out the missed approach procedure and join the VOR (112.5) CEA holding procedure as specified in Para 6.

2. After joining the VOR holding procedure commence the instrument approach procedure (ILS or VOR) for rwy for which SRA was being provided.

1. If required by ATC the length of intermediate segment may be reduced to less than 5NM but not less than 2NM provided angle of interception does not exceed 30 Deg.

### TERMINAL HOLDING PROCEDURES

Following terminal holdings are defined in Kolkata TMA for sequencing purposes:-

1. VOR(112.5CEA) DME fix EKASA (R-006/20 DME) :- One minute right hand pattern inbound track 186 Deg M. minimum holding level FL65, Maximum holding level FL140.
2. VOR(112.5CEA) DME fix BEDEN (R-188/20 DME) :- One minute right hand pattern inbound track 008 Deg M. minimum holding level FL65, Maximum holding level FL140.

Simultaneous holding at VOR and over EKASA / BEDEN is not authorized at same level.

### VECC AD 2.23 ADDITIONAL INFORMATION

#### I. PARKING STANDS

S. NO.	SURFACE	PCN	CO-ORDINATES	Suitable For
17	BITUMEN	32/F/C/W/T	233905.72N 0882637.01E	Avro(Hanger 9 dispersal area)
18	BITUMEN	32/F/C/W/T	22390586N 0882635.76E	Avro (Hanger dispersal area)
22	CONCRETE	60/R/C/W/T	223844.75N 0882626.86E	A300
23	CONCRETE	60/R/C/W/T	223842.44N 0882626.63E	A320
24	CONCRETE	60/R/C/W/T	223840.52N 0882626.40E	A300
25	CONCRETE	50/R/D/W/U	2238.6N 08626.4E	A320
26	CONCRETE	50/R/D/W/U	223806N 0882606E	A320
27	CONCRETE	50/R/D/W/U	223805N 0882606E	A320
30	CONCRETE	60/R/C/W/T	223843.78N 0882633.41E	A300
31	CONCRETE	60/R/C/W/T	223842.30N 0882632.83E	A320
32	CONCRETE	60/R/C/W/T	223840.95N 0882632.67E	A320
33	CONCRETE	60/R/C/W/T	223839.56N 0882632.51E	A320
35	CONCRETE	50/R/D/W/U	223805N 0882607E	Max 34.3M Wing span
36	CONCRETE	50/R/D/W/U	223804N 0882607E	A320
37	CONCRETE	50/R/D/W/U	223803N 0882607E	A320
41	CONCRETE	60/R/B/W/T	2238.7N 08826.7E	B747
42	CONCRETE	60/R/B/W/T	2239.8N 08826.6E	B747
43	CONCRETE	60/R/C/W/T	2238.9N 08826.6E	B747
44	CONCRETE	60/R/C/W/T	2238.9N 08826.6E	B747
45	CONCRETE	60/R/C/W/T	2238.9N 08826.6E	B747
46	CONCRETE	60/R/C/W/T	2239.0N 08826.6E	B747
47	CONCRETE	60/R/C/W/T	2238.9N 08826.7E	A300/54X50.50M
48	CONCRETE	60/R/C/W/T	2238.9N 08826.7E	A300/54X50.55M
49	CONCRETE	60/R/C/W/T	2238.9 N 08826.7E	A300/54X50.55M
50	CONCRETE	60/R/C/W/T	2238.8N 08826.7E	B737-800/42X56M
51	CONCRETE	60/R/C/W/T	2238.8N 08826.7E	B737-800/42X43M

52	CONCRETE	32/F/C/W/T	2238.7N 08826.6E	B737-800/42X52M
53	CONCRETE	32/F/C/W/T	2238.7N 08826.6E	B737-800/42X43M
CARGO APRON				
C-1	CONCRETE	48/R/C/W/T	223909.83N0882632.70E	B737
C-2	CONCRETE	48/R/C/W/T	223909.64N0882634.18E	B737

Note :-

1. Power in /Push Back on all the stand from 22 to 27, 30 to 33 & 35, 36,37,46,50 to 51. Stand 52 & 53 Power in /Push back for B737-800 only.
2. Aerobridge on stand no. 22-24 and 43.
3. VDGS on stand No. 22,23 24,42 & 43.
4. Power in/Power out on stand 47,48,49. Stand 52 & 53 Power in /Power out for B737-200 only.
5. Stand 25 to 27 suitable for aircraft maximum length 40M and wing span 35M.
6. For Stand 35 to 37 suitable for aircraft length 40M and wing span 34.3M.

## II. TAXIWAYS

DESIGNATION	WIDTH	SURFACE	PCN	REMARKS
A	23M	BITUMEN	55/R/C/W/T	Twy G Avbl. For Arriving and Departing Domestic aircraft
( Btn C & D)	23M	CONCRETE	60/R/B/W/U	
B	23M	BITUMEN	35/R/C/W/T	proceeding to Domestic apron only.
C	23M	---DO---	39/R/C/W/T	
D	23M	---DO---	27/F/C/W/T	TWY B available for taxiing of aircraft up to wing span 28.3M
E	15.5M	---DO---	37/R/C/W/T	
F	23M	CONCRETE	50/R/C/W/T	
F1	23M	CONCRETE	50R/C/W/T	
G	23M	CONCRETE	50/R/C/W/T	

## VECC AD 2.24 CHARTS RELATED TO AN AERODROME

1. ILS(CAT-I) RWY 19L
2. ILS(CAT-II) RWY 19L
3. ILS RWY 01R
4. VOR (X) RWY 19L
5. VOR (Y) RWY 19L
6. LOCATOR (DU) RWY 19L
7. LOCATOR (DU) RWY 19R
8. VOR RWY 01 (R/L)
9. LOCATOR (CA) RWY 01R
10. VOR RWY 01L
11. VOR RWY 01R
12. PRECISION APPROACH TERRAIN CHART RWY 19L