

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

1.	ARP coordinates and site at AD	110136.91N 0770230.45E 168°(MAG)/194M from RWY and TWY intersection.
2.	Direction and distance from (city)	070°, 11 KM From Coimbatore Railway Station.
3.	Elevation/Reference temperature	399.57M(1311 FT) /35°C
4.	MAG VAR/Annual change	2.25°W (1995)/0.03 Decreasing
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airport Director Airports Authority Of India, Coimbatore Airport, Coimbatore-641014.
		TEL 0422-2592155
		MOBILE 09994994775
		FAX 0422 – 2592384
		EPBAX 0422- 2571941, 2571956
AFS VOCCBYHYX		
6.	Types of traffic permitted (IFR/VFR)	VFR/IFR
7.	Remarks	DGCA License no. AL/Public/012

**VOCB AD 2.3 OPERATIONAL HOURS**

1.	AD Administration	Mon-Fri:- 0400-1200 (0930-1730 IST) SAT, SUN+ HOL :- Nil
2.	Custom and immigration	AVBL. For SKED Intl. Flights
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 ATS hours, services are available O/R with 24 HR PN to AD.

**VOCB AD 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	Avbl. for Intl. Cargo
2.	Fuel/oil types	ATF, Oil: Nil
3.	Fuelling facilities/capacity	2 Bowsers, 16kl Each, 10 to16 Litres/Sec. Heavy Aircraft Fuelling by Hydrant.
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Limited space for overnight parking with prior arrangements.

**VOCB AD 2.5 PASSENGER FACILITIES**

1.	Hotels	In the city
2.	Restaurants	At AD and in the city
3.	Transportation	Buses, taxis and car hire from AD. Trains to and from the city.
4.	Medical Facilities	First aid at AD . Hospital in the city
5.	Bank and post office	At AD. open during AD administration hr
6.	Tourist office	At AD and in the city
7.	Remarks	Nil

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

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

**VOCB AD 2.7 SEASONAL AVAILABILITY – CLEARING**

Nil

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

1.	Apron surface and strength	Surface	Concrete
		Strength	42R/B/X/T
2.	Taxiway width, surface and strength	Width	75ft
		Surface	TARMAC
		Strength	42F/B/X/T
3.	ACL and elevation	Location	At Apron
		Elevation	398m/1306ft
4.	VOR/INS checkpoints	VOR	At Taxi Holding Position
		INS	Nil
5.	Remarks	Perimeter TWY completely withdrawn. Isolation Bay dimension: 91.00X76.00 M, PCN : 60/R/C/W/T	

**VOCB 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	Taxing guidance provided on R/T. Guidelines at RWY, TWY holding position, apron. Nose in guidance at aircraft stands.		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Centerline, Edge.
			Lighted	THR, Edge, End.
		TWY	Marked	Centreline, Holding PSN.
			Lighted	Edge
3.	Stop bars	Nil		
4.	Remarks	Nil		

**VOCB AD 2.10 AERODROME 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	
APCH-05 TKOF-23	HOUSE ANTENNEA TOP 408.7M/1341FT	110118.8N 0770206.7E			
	HOUSE ANTENNEA TOP 409.6M/1344FT	110117.4N 0770205.9E			
APCH-23 TKOF-05	TREE 406.2M/1333FT	110236.9N 0770318.7E			
	GP OF TREES 416.3M/1366FT	110250.3N 0770334.7E			

**VOCB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1.	Associated MET office	Coimbatore
2.	Hours of service Met office outside hours	H24 ---
3.	Office responsible for TAF preparation Periods of validity	Chennai 9 Hr (00-09,03-12,06-15,09-18)
4.	Types of landing forecast Interval of issuance	Nil
5.	Briefing / consultation provided	Personal Consultation
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
9.	ATS units provided with information	Coimbatore ATC and ACS.
10.	AD Additional information (limitation of service, etc.)	Documentation Provided O/R.

**VOCB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE & MAG BRG	Dimensions 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	045°45'GEO 048°30' MAG	2590X45	86/F/B/X/T	110128.1N 0770211.5E	THR:403M/1323FT
23	225°45'GEO 228°30'MAG	2590X45	86/F/B/X/T	110219.6N 0770306.2E	THR:389M/1275FT TDZ:389.8M/1278.6FT
Slope of RWY-SWY	SWY dimensions ( M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
-0.645%	58X45	NIL	2650X150	---	Nil
+0.645%	60X45	NIL	2650X150	---	

**VOCB AD 2.13 DECLARED DISTANCES**

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
RWY05	2590	2590	2648	2590	Nil
RWY23	2590	2590	2650	2590	

**VOCB AD 2.14 APPROACH AND RUNWAY LIGHTING**

RWY Designator	Apch LGT Type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY Centre Line LGT Length, Spacing, Colour, INTST
1	2	3	4	5	6
05	SALS 420 M	Green	LEFT 3°	Nil	Nil
23	Abridge CAT-1 690 M	Green	LEFT 3°35'	Nil	Nil
RWY edge LGT,LEN spacing colour INTST		RWY End LGT colour WBAR	SWY LGT LEN (M) Colour		Remarks
7		8	9		10
2590M, 60M, WHITE		Red	Nil		Nil
2590M 60 M, WHITE		Red	Nil		Nil

**VOCB 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. As ATS HR IBN:Nil.
2.	LDI location and LGT Anemometer location and LGT	LDI: Landing 'T' Lighted Anemometer: 1525m SW Of THR23, 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: 10 Sec.
5.	Remarks	Nil

**VOCB AD 2.16 HELICOPTER LANDING AREA**

Not Established

**VOCB AD 2.17 ATS AIRSPACE**

1.	Designation and lateral limits	Refer ENR section.
2.	Vertical limits	SFC to F50, F50 to F150.
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Coimbatore Tower English
5.	Transition altitude	11,000 FT AMSL
6.	Remarks	NIL

**VOCB AD 2.18 ATS COMMUNICATION FACILITIES**

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Coimbatore Approach	122.3Mhz	AS ATS	Emergency Frequency 121.5Mhz
TWR	Coimbatore Tower	122.3Mhz	AS ATS	Nil
DATIS		128.05Mhz	AS ATS	Nil

**VOCB 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	CCB	112.9MHz	H24	110201.6N 0770253.0E	---	
DME	CCB	1163/1100 MHz	H24	--DO--	1297 FT	COLOCATED WITH DVOR
NDB	CB	354KHZ	AS ATS	110125.6N 0770250.0E		
LLZ23 ILS CAT-1	ICMB	109.1 MHz	AS ATS	110121.6N 0770205E		
GP23	ICMB	331.4 MHz	AS ATS	110210.6N 0770302E	---	3°
DME (ILS)	ICMB	1052/989 MHz	AS ATS	--DO--	1317 FT	

**VOCB AD 2.20 LOCAL TRAFFIC REGULATIONS**

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**VOCB AD 2.21 NOISE ABATEMENT PROCEDURE**

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**VOCB AD 2.22 FLIGHT PROCEDURE**

**COIMBATORE AIRPORT -- STANDARD INSTRUMENT DEPARTURE PROCEDURES**

1. FACTORS COMMON TO ALL SIDs ARE AS FOLLOWS:-
  - A) All radials and DME distances are those of "CCB" VOR unless otherwise specified.
  - B) The minimum climb gradient is 3.3%. Where ever minimum climb gradient exceeds 3.3%. A procedure design gradient (PDG) along with the required altitude to be crossed has been specified in the SID separately. Thereafter the minimum climb gradient 3.3% shall be applicable.
  - C) Where ever necessary, speed restrictions are specified during the departures.
  - D) Pilot may request alternative departure instructions if unable to comply with SIDs.
  - E) The following Significant points have been established for the purpose of departure procedures.
    1. SATTI R-263/34DME
    2. PAROT R-335/35DME
    3. KAZAM R-059/30DME
    4. CARSO R-021/30DME
    5. MISAT R-142/30DME
    6. LEDAT R-186/30DME
    7. KERDA R-220/30DME

**SIDs FOR RWY 05**

<b>ROUTE DESIGNATOR</b>	<b>SID DESIGNATOR</b>	<b>ROUTING AFTER DEPARTURE</b>	<b>REMARKS</b>
W24	KAZAM 2	Turn right climb on track 059° M (R-059) to KAZAM then to KANCHIPURAM VOR DME (115.4 KKP).	
W22	CARSO 2	Turn left climb on track 010° M to establish R-021 to CARSO then to BANGLORE VOR DME (115.5 BBG).	
R461	PAROT 2	Climb straight ahead until 4 DME, then climbing turn left to establish on track 315° M to intercept track 355° M (R-355) after crossing 11000ft or 20 DME whichever is earlier turn left track 277° M to establish radial 335 to PAROT then to EGARI.	Minimum climb gradient 5.3% ( 325 ft per NM) until crossing 11000ft
W102	SATTI 2	Climb straight ahead until 4 DME then turn left to establish on track 169° M (R-349) to CCB VOR at 3 DME turn right to establish R-263 to SATTI then to CALICAT VOR DME (116.5 CLC).	

W22	KERDA 2	Climb straight ahead until 2.3 DME then turn left to establish on track 180° M to establish R-220 to KERDA then to CACHIN INTL VOR DME (113.5 CIA).	
W43	LEDAT 2	Climb straight ahead until 2.3 DME then turn left to VOR (112.9 CCB) leave VOR CCB on track 186° M (R-186) to LEDAT then to ARONA.	
R461	MISAT 2	Climb straight ahead until 2.3 DME then turn left to VOR (112.9 CCB) leave VOR CCB on track 142° M (R-142) to MISAT then to MUDURAI VOR DME (116.1 MDI).	

**SIDs FOR RWY 23**

<b>ROUTE DESIGNATOR</b>	<b>SID DESIGNATOR</b>	<b>ROUTING AFTER DEPARTURE</b>	<b>REMARKS</b>
W24	KAZAM 1	Climb straight ahead until 2.9 DME then turn right to track 104° M to establish R-059 to KAZAM then to KANCHIPURAM VOR DME (114.5 KKP).	Speed restricted to 205 KT IAS max until completion of right turn.
W22	CARSO 1	Climb straight ahead until 2.9 DME then turn right track 080° M to establish track R-021 to CARSO then to BANGLORE VOR DME (115.5 BBG).	Speed restricted to 205 KT IAS max until completion of right turn.
R461	PAROT 1	Climb straight ahead until 5 DME then turn left to establish on track 355° M (R-175) to CCB VOR Leave VOR on track 335° M (R-335) to PAROT then to EGARI.	Speed restricted to 205 KT IAS max until completion of left turn.
W102	SATTI 1A	Turn right climb on track 268° M to establish R-253 after crossing 6500ft or 16 DME which ever is earlier turn right to track 290° M to intercept R-263 to SATTI then to CALICUT VOR DME (116.5 CLC).	Minimum climb gradient 5% ( 300 ft per NM) until crossing 6500ft

	SATTI 1B	Climb straight ahead until 5 DME then turn left to establish on track 355° M (R-175) to CCB VOR at 2.5 DME turn left to establish track 263° M (R-263) to SATTI then to CALICUT VOR DME (116.5 CLC).	Speed restricted to 205 KT IAS max until completion of left turn.
<b>W22 South</b>	KERDA 1	Turn left climb on track 220° M (R-220) to KERDA then to COCHIN INTL VOR DME (113.5 CIA).	
<b>W43</b>	LEDAT 1	Turn left climb on track 150° M to establish R-186 to LEDAT then to ARONA.	.
<b>R461 South</b>	MISAT 1	Turn left climb on track 087° M to establish R-142 to MISAT then to MUDURAI VOR DME (116.1 MDI)	

**VOCB AD 2.23 ADDITIONAL INFORMATION**

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

1. ILS (X) RWY23
2. ILS (Y) RWY23
3. VOR (X) RWY 23
4. VOR (Y) RWY 23
5. VOR (Z) RWY 23
6. NDB (X) RWY 23
7. NDB (Y) RWY 23