

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

1.	ARP coordinates and site at AD	110817N 0755701.5E 47°12' /133M from TWY 'A' and RWY intersection.	
2.	Direction and distance from (city)	127°, 28KM from Calicut railway station	
3.	Elevation/Reference temperature	104.26M (342FT) / 31°C	
4.	MAG VAR/Annual change	2°40' W(1990)/ 1'E.	
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airport Director, Airports Authority of India, Calicut Airport, Kerala-673647.	
		Tel	0483-2712630(O) 0483-2710050(R)
		EPBAX	0483-2711314 TO 18 EXTN: 400.
		Telex	Nil
		Mobile	09847076545
		FAX	0483-2711406
		AFS	VOCLYHYX
6.	Types of traffic permitted (IFR/VFR)	VFR/IFR	
7.	Remarks	DGCA License no. AL/Public/019	

VOCL AD 2.3 OPERATIONAL HOURS

1.	AD Administration	MON-FRI: 0400-1200UTC (0930-1730IST) SAT/SUN/HOLIDAY: Nil
2.	Custom and immigration	As ATS
3.	Health and sanitation	Nil
4.	AIS Briefing office	H24
5.	ATS Reporting Office(ARO)	H24
6.	MET Briefing office	H24
7.	ATS	H24
8.	Fuelling	H24
9.	Handling	H24
10.	Security	H24
11.	De-icing	Nil
12.	Remarks	Nil

VOCL AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Available
2.	Fuel/oil types	JET A1
3.	Fuelling facilities/capacity	9 bowsers (total capacity 223 KLs-@ 30 Ltrs/sec Storage Tank Capacity -1340KLs.
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Nil

VOCL AD 2.5 PASSENGER FACILITIES

1.	Hotels	Near the AD and in the city.
2.	Restaurants	At AD, near the AD and in the city.
3.	Transportation	Taxis from the AD.
4.	Medical Facilities	Doctor & first aid at AD. Hospitals near AD & in the city.
5.	Bank and post office	At AD. Open within AD HR. Post office open with AD Administration HR.
6.	Tourist office	Tourist information counter at AD.
7.	Remarks	Nil

VOCL AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	Cat 8
2.	Rescue equipment	Available as per category
3.	Capability for removal of disabled aircraft	Lifting and pulley machine up to 5 Tonnes at AD. Higher capacity available in the city.
4.	Remarks	Nil

VOCL AD 2.7 SEASONAL AVAILABILITY - CLEARING

Nil

VOCL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Surface Strength	Cement Concrete PCN 55/R/A/X/T		
2.	Taxiway width, surface and strength	Dist FM RWY28 THR	TWY A 2130M	TWY B 1990M	TWY D 2377M
		Width	23M	23M	23M
		Length	117M	117M	175M
		Shoulder	10.5 M on either side of all TWYs.		
		Surface	Asphalt Concrete	Cement Concrete	
		Strength	55/F/A/X/T	55 R/A/X/T	
3.	ACL location and elevation	Location	Apron		
		Elevation	101.5M/333.5FT		
4.	VOR/INS checkpoints	VOR: On TWY A Holding Position R-304 0.4NM from CLC (116.5MHz) DVOR			
		INS :Nil			
5.	Remarks	Isolation Parking Stand : Surface: Cement Concrete; Floodlights avbl. Strength: PCN 55/R/A/X/T			

VOCL 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 provided at all intersections and taxi holding PSN. Acft stand markings, apron side strip marking and guidelines provided on the Apron & isolation parking stand.		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Aiming Point, Centreline, Transverse stripe & side stripe
			Lighted	THR, EDGE, and END
		TWY	Marked	Centerline, side strip, Holding PSN at All TWY/RWY intersection
			Lighted	Edge
3.	Stop bars	Not available.		
4.	Remarks	180° turn permitted only on turning pad.		

VOCL 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	
APCH28 TKOF10	Green Hill (Solar TWR) 252m/826.2ft (LGT)Lighted I.E Lights Along Slope Of Hill Abeam Final App Track.	110709N 0755848E	Chippli Hill Solar Tower(LGT) 250.9M/823FT.	110916.2N 0755838.1E	
			Solar Lt On Hill 250.6M/823FT	110727.8N 0755932.4E	
			Puttodi Hill Range Solar Tower (LGT) 354.2M/1162FT	110642.0N 0760039.9E	
			Hill Top 352.2M/1156FT	110611.2N 0760019.8E	
APCH10 TKOF28	Escotel Mast 145m/476ft Lighted	110940N 0755314E	Tree On Hill Top 241.1M/791FT	110651.5N 0755903.4E	
			Urothu Hill Range Solar Tower (LGT) 480.4M/1576FT	110530.9N 0760042.3E	
			Olavattur Hill Solar Twr (LGT) 248.7M/816FT	111122.3N 0755613.2E	

VOCL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET office	Calicut
2.	Hours of service Met office outside hours	H24 ---
3.	Office responsible for TAF preparation Periods of validity	Trivandrum 9, 24HR
4.	Types of landing forecast Interval of issuance	Nil
5.	Briefing / consultation provided	Personal consultation
6.	Flight documentation Language(s) use	Charts, abbreviated plain language English
7.	Charts and other information available For briefing or consultation	Nil
8.	Supplementary equipment available for Providing information	DIWE for RWY 10 & 28 Anemometer: 2320M from THR RWY 28.
9.	ATS units provided with information	Calicut TWR
10.	AD Additional information (limitation of service, etc.)	Half hourly METAR at every hour (UTC) and hour+30 minutes.

VOCI AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designation Nr.	True & MAG. BRG.	Dim. Of RWY(M)	Strength (PCN) & Surface of RWY & SWY	THR Coord.	THR Elevation & Highest Elevation Of TDZ Of Precision APP RWY
1	2	3	4	5	6
10	101° GEO 104° MAG	2860X45	56/F/A/X/T Asphalt Concrete	110819.1N 0755633.3E	THR 95.0M/312FT
28	281°GEO 284° MAG	2860X45	56/F/A/X/T Asphalt Concrete	110756.1N 0755809.3E	THR 99.0M/325 FT TDZ 101M/331 FT
Slope of RWY	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
495m-0% 1280m-0.7% 550m-0.73%	Nil	Nil	2980X150	Nil	
550m-0.73% 1280m-0.7% 495m-0%	Nil	Nil	2980X150	Nil	

VOCL AD 2.13 DECLARED DISTANCES

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
10	2860	2860	2860	2860	RESA 90X90M Slope: 0%
28	2860	2860	2860	2860	RESA 90X90M Slope: 5%

VOCL 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
10	Abridged SALS 150M LIH	Green	PAPI, LEFT 3° 17.64M (57.85FT)	Nil	Nil
28	Abridged SALS 150M LIH	Green	PAPI, LEFT 3.2° 13.94M (45.7FT)	Nil	Nil
RWY edge LGT, LEN, spacing, Colour, INTST		RWY End LGT colour WBAR	SWY LGT LEN (M) Colour	Remarks	
7		8	9	10	
2860M, 60M, WHITE, LIH		Red	Nil	**	
2860M, 60M, WHITE, LIH		Red	Nil	Nil	

VOCL 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
		IBN	Nil
2.	LDI location and LGT Anemometer location and LGT	LDI	(Outlined by white lights): 225M NW of ARP Abeam (left side) RWY THR 10 & 28, & 2130M from RWY 28 THR.
		Anemometer	---
3.	TWY edge and centre line lighting	Edge	Lighted.
		Center line	Not lighted
4.	Secondary power supply/switch-over time	Secondary power supply to all essential lighting and operational units at AD. Switch-over time: 8 sec APCH/RWY (Primary Circuit), PAPI & all NAV/COM AIDS. Switch over time: Zero.	
5.	Remarks	RWY 28 Lead-in-lighting system: 4 Light units, each consisting of a group of 3 sequential flashing white lights in a linear configuration installed on the FINAL APP. TRACK, of RWY 28, at a distance of 6193M, 4721M, 3121M, 1826M respectively from THR RWY28. Intensity – 300cd/1500cd/15000cd.	

VOCL AD 2.16 HELICOPTER LANDING AREA

Not established.

VOCL AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	VOCL CTR -Refer ENR Section
2.	Vertical limits	SFC to FL150
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Calicut Tower English
5.	Transition altitude	10000FT
6.	Remarks	ADC, APP & SMC services provided by Calicut Tower.

VOCL AD 2.18 ATS COMMUNICATION FACILITIES

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TOWER	Calicut Tower	123.35MHz 122.95MHz. (Sec.freq)	H24	Functions of SMC, TWR & App combined.
DATIS	Calicut Information	127.00MHz	H24	

VOCL 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	CLC	116.500MHz	H24	110806.5N 0755717.5E		
DME	CLC	1136/ 1199MHz	H24	110806.5N 0755717.5E	109M/ 358FT	Collocated with DVOR
NDB	CL	303.000MHz	H24	110833.5N 0755651.4E	---	---
LLZ 28 ILS CAT I	ICAC	109.5MHz	H24	110833.5N 0755606.5E	---	---
GP28		332.6MHz	H24	110806.0N 0755729.0E	---	3.2°, RDH/52FT
ILS DME	ICAC	1056/ 993MHz	H24	110806.0N 0755729.0E	102.4M/ 336FT	Collocated with GP28

VOCL AD 2.20 LOCAL TRAFFIC REGULATIONS

VOCL AD 2.21 NOISE ABATEMENT PROCEDURE

VOCL AD 2.22 FLIGHT PROCEDURE

VOCL AD 2.23 ADDITIONAL INFORMATION

1. Revised Apron Parking plan introduced at Calicut Airport with Yellow Colour ACFT stand lane marking. Stand 9 for B747-400 or Acft with wing span lesser than 65M, stand 4,5 and 8 for A300-600F or Acft with Wing span lesser than 44.9 M . Stand 1,2,2S,3 and 7 for B737-800 (W) or acft with wing span lesser than 35.9 M. Stand no. 6 for A320-200 or acft with wing span lesser than 34.2 M. All stands except 2S are facing North and are power in-push back out. 2 S is facing south and is pwr in via stand 3 or 1 and pwr out. Stand no. 2 can be pwr out via stand 3. Stand 7 & 8 can not be used when stand 9 is occupied. Acft on stand 9 to be pushed back to the Rwy. All acft operators to arrange push back facility for their acft.
2. Hill OBST provided with solar powered warning light at Calicut Airport.
 - a) Urot Mala 8390M from ARP Brg 131 Deg Hgt 482M.
 - b) Moochu-Kunnu 4800 from ARP Brg 111 Deg Hgt 230M.
 - c) Olavattur-Kunnu 5900M from ARP Brg 348 Deg Hgt 249M
 - d) Cheppila-Mala 3560M from ARP Brg 060 Deg Hgt 249M
 - e) Puttodi-Mala 4836M from ARP Brg 111 Deg Hgt 242 M
 - f) Chepilikunnu 3200 M from ARP Brg 062 Deg 45 min. Hgt 228M

VOCL AD 2.24 CHARTS RELATED TO AN AERODROME

1. ILS RWY 28
2. VOR RWY 28
3. VOR RWY10
4. VOR (Y) RWY 10
5. NDB RWY 10
6. Obstacle Chart Type-A RWY 10/28