

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

VOCL - CALICUT / DOMESTIC

**VOCL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	Aerodrome reference point coordinates and its site	110816N 0755702E 96.25 DEG /855M from physical extremity of RWY 10	
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	127 DEG, 28KM from Calicut Railway Station	
3	Aerodrome elevation and reference temperature	342 FT / 31.0 DEG C	
4	Magnetic variation, date of information and annual change	2.00 DEG W (2010) /0.033 DEG E	
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airport Director, Airports Authority of India, Calicut International Airport, Karipur-673647.,	
		Telephone:	Tel +91-483-2719400 (O) +91-483-2719500 (R) Mobile +91-9562406400 +91-9847245543
		Fax:	+91-483-2711406
		AFS:	VOCLYHYX
		Email:	apd_calicut@aai.aero
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7	Remarks	NIL	

**VOCL AD 2.3 OPERATIONAL HOURS**

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT/SUN/HOLIDAY: NIL.
2	Custom and immigration	As ATS
3	Health and sanitation	H24
4	AIS briefing office	H24
5	ATS reporting office (ARO)	H24
6	MET Briefing office	H24
7	Air Traffic Service	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 and Oil types	JET A1
3	Fuelling facilities and capacity	IOC: 6 bowsers (135KL), Storage Tank (740KL) HPCL: 4 bowsers (115KL), Storage Tank (800KL) BPCL: 7 bowsers (111KL), Storage Tank at outside AD (400KL) Reliance Ltd.:7 bowsers (149KL), Storage tank outside AD (900KL)

4	De-icing facilities	Not applicable
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

**VOCL AD 2.5 PASSENGER FACILITIES**

1	Hotel(s) at or in the vicinity of aerodrome	Near the AD and in the city.
2	Restaurant(s) at or in the vicinity of aerodrome	At AD, near the AD and in the city.
3	Transportation possibilities	Taxis from the AD and state transport buses.
4	Medical Facilities	Doctor on request & first aid at AD. Hospitals near AD & in the city.
5	Bank and post office at or in the vicinity of aerodrome	Banks: At AD. Open from 1030 Hrs to 1500 Hrs 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	Aerodrome category for fire fighting	Within ATS HR: CAT-8 Within AD HR: CAT 8
2	Rescue equipment	Available as per category 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. 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**

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

**VOCL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

1	Designation, surface and strength of aprons	Designator: Apron Surface: Concrete Strength: PCN 55/R/A/X/T
2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 23 M Surface: Concrete/Asphalt Strength: PCN 55/F/A/X/T  Designator: TWY B Width: 23 M Surface: Concrete Strength: PCN 55/R/A/X/T  Designator: TWY C Width: 23 M Surface: Concrete Strength: PCN 55/R/A/X/T  Designator: TWY D Width: 23 M Surface: Concrete Strength: PCN 55/R/A/X/T

3	Location and elevation of altimeter checkpoints	Location Apron Elevation 334FT				
4	Location of VOR checkpoints	On TWY A Holding Position				
5	Position of INS checkpoints	NIL				
6	Remarks	Isolation Parking Stand Surface: Cement Concrete; Floodlights AVBL. Strength : PCN 55/R/A/X/T				
		Location of TWY's from RWY 28 THR/Additional information of TWY's				
			TWY A	TWY B	TWY C	TWY D
		Distance	2130M	1990M	1829M	2377M
		Length	102M	102M	102M	175M
	Shoulder on either side	10.5M	10.5M	10.5M	10.5M	

**VOCL 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	Taxiing guidance signs provided at all intersections and taxi holding PSN. Aircraft stand markings, apron side strip marking and guidelines provided on the Apron & isolation parking stand. Visual Docking Guidance System – Available for all Aerobridge stands except 5A & 9
2	Runway and taxiway markings and lights	RWY Markings Designation, THR, TDZ, Aiming Point, Centreline, Transverse stripe & side stripe. Lighting THR, RWY THR IDENT, EDGE, and END  TWY Marking Centreline, side strip, Holding PSN at All TWY/RWY intersection Lighted Edge, RWY Guard Lights on TWY's A, B, C
3	Stop bars (if any)	Not available.
4	Remarks	180 Degree turn permitted only on turning pad.

**VOCL 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
28/APCH 10/APCH	OTHER	110810.1N 0755652.6E	333 FT	NIL	Ground Elev
28/APCH 10/APCH	POLE	110819.9N 0755644.4E	328 FT	NIL	Met. Pole
28/APCH 10/APCH	WALL	110812.4N 0755640.4E	334 FT	NIL	Boundary Wall Fencing Top
In circling area and at AD	OTHER	110806.0N 0755718.0E	357 FT	NIL	DME
In circling area and at AD	TREE	110806.8N 0755651.1E	405 FT	NIL	Tree
In circling area and at AD	TREE	110807.5N 0755651.6E	407 FT	NIL	Tree
In circling area and at AD	TREE	110807.6N 0755649.9E	394 FT	NIL	Tree

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
In circling area and at AD	TREE	110807.8N 0755652.6E	389 FT	NIL	Tree
In circling area and at AD	OTHER	111124.9N 0755623.9E	822 FT	LGTD	Olavator Hill Solar Light
In circling area and at AD	OTHER	110809.6N 0755652.5E	372 FT	NIL	Obstruction Light On High Ground
In circling area and at AD	TREE	110728.3N 0755920.8E	505 FT	NIL	Tree
In circling area and at AD	OTHER	110728.0N 0755925.1E	479 FT	NIL	Ground Elev
In circling area and at AD	OTHER	110727.4N 0755924.5E	485 FT	NIL	Ground Elev
In circling area and at AD	TREE	110728.2N 0755926.8E	540 FT	NIL	Tree
In circling area and at AD	OTHER	110728.0N 0755926.1E	478 FT	NIL	Ground Elev
In circling area and at AD	OTHER	110727.2N 0755926.8E	495 FT	NIL	Ground Elev
In circling area and at AD	OTHER	110727.2N 0755926.5E	507 FT	NIL	Ground Elev
In circling area and at AD	OTHER	110727.0N 0755925.5E	522 FT	NIL	Ground Elev
In circling area and at AD	TREE	110726.1N 0755929.9E	521 FT	NIL	Tree
In circling area and at AD	OTHER	110726.4N 0755928.4E	484 FT	NIL	Ground Elev
In circling area and at AD	TREE	110725.6N 0755927.7E	571 FT	NIL	Tree
In circling area and at AD	OTHER	110725.3N 0755927.2E	572 FT	NIL	Ground Elev
In circling area and at AD	OTHER	110725.1N 0755926.6E	584 FT	NIL	Ground Elev
In circling area and at AD	TREE	110724.7N 0755927.6E	635 FT	NIL	Tree
In circling area and at AD	OTHER	110722.5N 0755927.7E	670 FT	NIL	Ground Elev
In circling area and at AD	OTHER	110719.1N 0755930.3E	819 FT	LGTD	Green Hill Solar Light
In circling area and at AD	OTHER	110630.4N 0760036.3E	1152 FT	LGTD	Arimbra Kunnu Hill Solar Light
In circling area and at AD	OTHER	110911.0N 0755841.3E	825 FT	LGTD	Cheppila Kunnu Solar Light
In circling area and at AD	OTHER	110643.3N 0755900.5E	827 FT	NIL	Puttodi Mala Hill Tree Top
In circling area and at AD	OTHER	110559.3N 0760017.4E	1178 FT	NIL	Arimbra Kunnuhill Tree Top
In circling area and at AD	OTHER	110519.1N 0760034.6E	1576 FT	LGTD	Urat Mala Solar Light Top
In circling area and at AD	OTHER	110811.0N 0755657.9E	351 FT	NIL	Wind Direction Indicator
In circling area and at AD	OTHER	110805.4N 0755718.3E	363 FT	NIL	DVOR
In circling area and at AD	ANTENNA	110803.8N 0755720.0E	354 FT	NIL	DVOR Monitor Antenna

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
In circling area and at AD	OTHER	110804.5N 0755723.1E	338 FT	NIL	VOR Disused
In circling area and at AD	OTHER	110824.0N 0755652.4E	408 FT	NIL	OHWT
In circling area and at AD	TOWER	110822.0N 0755655.6E	403 FT	NIL	ATC Tower
In circling area and at AD	OTHER	110822.2N 0755658.2E	402 FT	NIL	Flood Light Mast
In circling area and at AD	OTHER	110822.0N 0755659.3E	403 FT	NIL	Floor Light Mast
In circling area and at AD	OTHER	110821.7N 0755701.0E	402 FT	NIL	Floor Light Mast
In circling area and at AD	OTHER	110821.3N 0755703.1E	401 FT	NIL	Floor Light Mast
In circling area and at AD	OTHER	110820.8N 0755705.3E	400 FT	NIL	Flood Light Mast
In circling area and at AD	OTHER	110820.4N 0755707.9E	401 FT	NIL	Floor Light Mast
In circling area and at AD	OTHER	110820.1N 0755709.4E	402 FT	NIL	Flood Light Mast
In circling area and at AD	OTHER	110819.8N 0755711.1E	403 FT	NIL	Flood Light Mast
In circling area and at AD	OTHER	110815.6N 0755711.9E	344 FT	NIL	Flood Light Mast
In circling area and at AD	TREE	110700.9N 0755755.8E	522 FT	NIL	Tree
In circling area and at AD	OTHER	110810.9N 0755652.4E	330 FT	NIL	Cooling Pit
In circling area and at AD	OTHER	110810.3N 0755651.8E	332 FT	NIL	Ground
In circling area and at AD	TREE	110654.2N 0755847.9E	492 FT	NIL	Tree
In circling area and at AD	TREE	110655.1N 0755903.8E	494 FT	NIL	Tree
In circling area and at AD	TREE	111125.0N 0755620.7E	778 FT	NIL	Tree
In circling area and at AD	TREE	110717.1N 0755923.7E	494 FT	NIL	Tree
In circling area and at AD	TREE	110759.2N 0755800.9E	330 FT	NIL	Tree
In circling area and at AD	BUILDING	110804.9N 0755757.5E	329 FT	NIL	Building
In circling area and at AD	OTHER	110801.0N 0755751.7E	330 FT	NIL	Bush
In circling area and at AD	OTHER	110802.2N 0755745.4E	329 FT	NIL	Bush
In circling area and at AD	OTHER	110819.4N 0755649.1E	330 FT	NIL	Mobile Obstruction
In circling area and at AD	TREE	110819.4N 0755648.7E	331 FT	NIL	Tree
In circling area and at AD	POLE	110821.1N 0755654.1E	357 FT	NIL	Light Pole
In circling area and at AD	BUILDING	110822.3N 0755655.3E	378 FT	NIL	Building

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
In circling area and at AD	TREE	110812.9N 0755716.5E	346 FT	NIL	Tree
In circling area and at AD	TREE	110813.2N 0755715.6E	346 FT	NIL	Tree
In circling area and at AD	TREE	110802.8N 0755719.7E	369 FT	NIL	Tree
In circling area and at AD	BUILDING	110812.4N 0755642.8E	324 FT	NIL	Building
In circling area and at AD	BUILDING	110812.9N 0755642.9E	324 FT	NIL	Building
In circling area and at AD	BUILDING	110812.7N 0755642.7E	325 FT	NIL	Building
In circling area and at AD	OTHER	110919.5N 0755909.7E	493 FT	NIL	Obstruction Light on Tower
In circling area and at AD	OTHER	110810.3N 0755650.5E	336 FT	NIL	Ground
In circling area and at AD	TREE	110651.9N 0760026.6E	621 FT	NIL	Tree
In circling area and at AD	TREE	110612.8N 0760033.5E	754 FT	NIL	Tree
In circling area and at AD	TREE	110623.6N 0755956.9E	577 FT	NIL	Tree
In circling area and at AD	TREE	110642.9N 0755916.2E	495 FT	NIL	Tree
In circling area and at AD	TREE	110550.1N 0760010.7E	744 FT	NIL	Tree
In circling area and at AD	TREE	110710.3N 0755932.2E	496 FT	NIL	Tree
In circling area and at AD	TREE	110708.3N 0755935.9E	496 FT	NIL	Tree
In circling area and at AD	TREE	110658.6N 0755803.2E	497 FT	NIL	Tree
In circling area and at AD	TREE	110633.0N 0755846.1E	497 FT	NIL	Tree
In circling area and at AD	TREE	110759.3N 0755800.4E	332 FT	NIL	Tree
In circling area and at AD	TREE	110759.4N 0755800.2E	332 FT	NIL	Tree
In circling area and at AD	TREE	110807.8N 0755750.2E	332 FT	NIL	Tree
In circling area and at AD	OTHER	110818.8N 0755645.0E	329 FT	NIL	Bush
In circling area and at AD	OTHER	110820.4N 0755651.7E	343 FT	NIL	Mobile Obstruction
In circling area and at AD	OTHER	110818.8N 0755649.8E	333 FT	NIL	Mobile Obstruction
In circling area and at AD	TREE	110806.5N 0755703.9E	363 FT	NIL	Tree
In circling area and at AD	BUILDING	110821.8N 0755655.5E	375 FT	NIL	Building
In circling area and at AD	BUILDING	110821.8N 0755655.8E	375 FT	NIL	Building
In circling area and at AD	TREE	110533.4N 0760011.3E	812 FT	NIL	Tree

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
In circling area and at AD	TREE	110642.1N 0755927.9E	500 FT	NIL	Tree
In circling area and at AD	TREE	110920.2N 0755758.7E	501 FT	NIL	Tree
In circling area and at AD	TREE	110803.9N 0755734.6E	339 FT	NIL	Tree
In circling area and at AD	TREE	110803.9N 0755736.8E	336 FT	NIL	Tree
In circling area and at AD	TREE	110812.0N 0755639.3E	335 FT	NIL	Tree
In circling area and at AD	OTHER	110818.9N 0755644.1E	331 FT	NIL	Bush
In circling area and at AD	OTHER	110820.1N 0755652.9E	346 FT	NIL	Mobile Obstruction
In circling area and at AD	TREE	110807.6N 0755700.0E	357 FT	NIL	Tree
In circling area and at AD	TREE	110638.9N 0755935.5E	503 FT	NIL	Tree
In circling area and at AD	TREE	110720.3N 0755914.3E	504 FT	NIL	Tree
In circling area and at AD	TREE	110713.9N 0755926.1E	503 FT	NIL	Tree
In circling area and at AD	TREE	110656.0N 0760000.9E	503 FT	NIL	Tree
In circling area and at AD	TREE	110806.9N 0755702.6E	367 FT	NIL	Tree
In circling area and at AD	TREE	110807.8N 0755657.3E	365 FT	NIL	Tree
In circling area and at AD	ANTENNA	110813.1N 0755639.9E	334 FT	NIL	GS Monitor Antenna
In circling area and at AD	OTHER	110809.8N 0755651.8E	348 FT	NIL	Ground
In circling area and at AD	OTHER	110809.7N 0755652.3E	349 FT	NIL	Ground
In circling area and at AD	OTHER	110810.0N 0755651.1E	350 FT	NIL	Ground
In circling area and at AD	TREE	110853.8N 0755913.6E	505 FT	NIL	Tree
In circling area and at AD	TREE	110625.0N 0760018.7E	667 FT	NIL	Tree
In circling area and at AD	TREE	110805.8N 0755649.8E	410 FT	NIL	Tree
In circling area and at AD	TREE	110813.5N 0755636.1E	333 FT	NIL	Tree
In circling area and at AD	TREE	110807.9N 0755658.7E	366 FT	NIL	Tree
In circling area and at AD	OTHER	110810.0N 0755651.8E	349 FT	NIL	Ground
In circling area and at AD	TREE	110623.3N 0760023.2E	694 FT	NIL	Tree
In circling area and at AD	OTHER	110801.6N 0755751.3E	344 FT	NIL	Obstruction light on Wind Sock
In circling area and at AD	TREE	110532.0N 0760004.3E	809 FT	NIL	Tree

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
In circling area and at AD	TREE	110523.4N 0755948.2E	799 FT	NIL	Tree
In circling area and at AD	TREE	110655.2N 0760008.0E	547 FT	NIL	Tree
In circling area and at AD	TREE	110643.0N 0755825.1E	512 FT	NIL	Tree
In circling area and at AD	TREE	110703.8N 0755748.3E	514 FT	NIL	Tree
In circling area and at AD	OTHER	110809.8N 0755653.0E	354 FT	NIL	Obstruction Light on Hill
In circling area and at AD	BUILDING	110810.0N 0755651.5E	357 FT	NIL	Building
In circling area and at AD	TREE	110639.8N 0755930.8E	517 FT	NIL	Tree
In circling area and at AD	TREE	110702.8N 0755752.0E	515 FT	NIL	Tree
In circling area and at AD	TREE	110848.4N 0755944.2E	516 FT	NIL	Tree
In circling area and at AD	TREE	110637.9N 0760009.6E	603 FT	NIL	Tree
In circling area and at AD	TREE	110634.8N 0755856.7E	515 FT	NIL	Tree
In circling area and at AD	TREE	110808.4N 0755651.4E	381 FT	NIL	Tree
In circling area and at AD	TREE	110806.1N 0755650.4E	414 FT	NIL	Tree
In circling area and at AD	TREE	110849.3N 0755939.2E	518 FT	NIL	Tree
In circling area and at AD	TREE	110658.6N 0755759.3E	518 FT	NIL	Tree
In circling area and at AD	TREE	110638.3N 0755843.4E	518 FT	NIL	Tree
In circling area and at AD	TREE	110808.8N 0755653.1E	374 FT	NIL	Tree
In circling area and at AD	TREE	110557.3N 0760036.1E	838 FT	NIL	Tree
In circling area and at AD	TREE	110624.2N 0760028.6E	726 FT	NIL	Tree
In circling area and at AD	TREE	110640.3N 0760001.0E	565 FT	NIL	Tree
In circling area and at AD	TREE	110633.1N 0755858.3E	524 FT	NIL	Tree
In circling area and at AD	TREE	110808.2N 0755650.1E	391 FT	NIL	Tree
In circling area and at AD	OTHER	110810.0N 0755650.7E	364 FT	NIL	Obstruction Light on Hill
In circling area and at AD	TREE	110609.8N 0755959.8E	665 FT	NIL	Tree
In circling area and at AD	TREE	110628.6N 0755920.6E	525 FT	NIL	Tree
In circling area and at AD	TREE	110849.7N 0755934.6E	526 FT	NIL	Tree
In circling area and at AD	TREE	110605.5N 0760000.6E	684 FT	NIL	Tree



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
In circling area and at AD	TREE	110642.9N 0755956.3E	542 FT	NIL	Tree
In circling area and at AD	TREE	110531.9N 0760010.3E	845 FT	NIL	Tree
In circling area and at AD	TREE	110530.7N 0755954.4E	801 FT	NIL	Tree
In circling area and at AD	TREE	110553.0N 0760005.4E	749 FT	NIL	Tree
In circling area and at AD	TREE	110545.4N 0760024.0E	841 FT	NIL	Tree
In circling area and at AD	TREE	110709.3N 0755928.3E	530 FT	NIL	Tree
In circling area and at AD	TREE	110639.9N 0760006.5E	597 FT	NIL	Tree
In circling area and at AD	TREE	110808.0N 0755651.9E	398 FT	NIL	Tree
In circling area and at AD	TREE	110532.4N 0760007.4E	836 FT	NIL	Tree
In circling area and at AD	TREE	110616.2N 0760028.7E	759 FT	NIL	Tree
In circling area and at AD	TREE	110518.0N 0755955.0E	860 FT	NIL	Tree
In circling area and at AD	TREE	110658.1N 0755941.1E	532 FT	NIL	Tree
In circling area and at AD	TREE	110528.9N 0755958.2E	825 FT	NIL	Tree
In circling area and at AD	TREE	110635.1N 0755944.0E	540 FT	NIL	Tree
In circling area and at AD	TREE	110637.8N 0760040.6E	757 FT	NIL	Tree
In circling area and at AD	TREE	110601.9N 0760034.5E	832 FT	NIL	Tree
In circling area and at AD	TREE	110915.0N 0755817.4E	539 FT	NIL	Tree
In circling area and at AD	TREE	110915.8N 0755832.2E	539 FT	NIL	Tree
In circling area and at AD	TREE	110556.4N 0755958.0E	720 FT	NIL	Tree
In circling area and at AD	TREE	110720.2N 0755919.5E	538 FT	NIL	Tree
In circling area and at AD	TREE	110701.0N 0755951.3E	540 FT	NIL	Tree
In circling area and at AD	TREE	110650.9N 0755810.5E	541 FT	NIL	Tree
In circling area and at AD	TREE	110615.7N 0760003.4E	672 FT	NIL	Tree
In circling area and at AD	TREE	110603.6N 0760000.9E	705 FT	NIL	Tree
In circling area and at AD	TREE	110726.1N 0755925.3E	543 FT	NIL	Tree
In circling area and at AD	TREE	110700.0N 0755957.1E	541 FT	NIL	Tree
In circling area and at AD	OTHER	110812.7N 0755642.4E	376 FT	NIL	Obstruction Light on Glide Slope

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
In circling area and at AD	TREE	110614.5N 0760046.9E	851 FT	NIL	Tree
In circling area and at AD	TREE	110653.7N 0755806.0E	545 FT	NIL	Tree
In circling area and at AD	TREE	110648.2N 0760030.7E	697 FT	NIL	Tree
In circling area and at AD	TREE	110606.7N 0760020.5E	773 FT	NIL	Tree
In circling area and at AD	TREE	110609.8N 0760043.3E	854 FT	NIL	Tree
In circling area and at AD	TREE	110722.5N 0755934.3E	549 FT	NIL	Tree
In circling area and at AD	TREE	110628.5N 0755927.1E	552 FT	NIL	Tree
In circling area and at AD	TREE	110654.2N 0760020.7E	642 FT	NIL	Tree
In circling area and at AD	TREE	110644.1N 0755912.9E	556 FT	NIL	Tree
In circling area and at AD	TREE	110602.6N 0760029.4E	827 FT	NIL	Tree
In circling area and at AD	TREE	110904.8N 0755840.6E	555 FT	NIL	Tree
In circling area and at AD	TREE	110529.2N 0755946.7E	815 FT	NIL	Tree
In circling area and at AD	TREE	110600.2N 0760033.4E	852 FT	NIL	Tree
In circling area and at AD	TREE	110911.8N 0755824.9E	558 FT	NIL	Tree
In circling area and at AD	TREE	110657.6N 0755955.6E	558 FT	NIL	Tree
In circling area and at AD	TREE	110653.2N 0755943.8E	561 FT	NIL	Tree
In circling area and at AD	TREE	110652.6N 0755807.8E	563 FT	NIL	Tree
In circling area and at AD	TREE	110652.0N 0755856.4E	566 FT	NIL	Tree
In circling area and at AD	TREE	110651.9N 0755852.5E	565 FT	NIL	Tree
In circling area and at AD	TREE	110912.5N 0755850.2E	566 FT	NIL	Tree
In circling area and at AD	TREE	110655.6N 0760014.4E	625 FT	NIL	Tree
In circling area and at AD	TREE	110633.3N 0755947.4E	582 FT	NIL	Tree
In circling area and at AD	TREE	110529.5N 0760002.4E	870 FT	NIL	Tree
In circling area and at AD	TREE	110634.0N 0760042.4E	804 FT	NIL	Tree
In circling area and at AD	TREE	110639.3N 0755926.7E	568 FT	NIL	Tree
In circling area and at AD	TREE	110706.7N 0755947.4E	569 FT	NIL	Tree
In circling area and at AD	TREE	110712.5N 0755934.0E	568 FT	NIL	Tree

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
In circling area and at AD	TREE	110650.5N 0760027.9E	702 FT	NIL	Tree
In circling area and at AD	TREE	110608.1N 0760001.9E	724 FT	NIL	Tree
In circling area and at AD	TREE	110521.6N 0755952.3E	874 FT	NIL	Tree
In circling area and at AD	TREE	110623.0N 0755938.0E	587 FT	NIL	Tree
In circling area and at AD	TREE	110602.0N 0760026.4E	834 FT	NIL	Tree
In circling area and at AD	TREE	110555.6N 0760035.4E	891 FT	NIL	Tree
In circling area and at AD	TREE	110559.3N 0760002.6E	759 FT	NIL	Tree
In circling area and at AD	TREE	110713.4N 0755944.2E	572 FT	NIL	Tree
In circling area and at AD	TREE	110706.1N 0755937.9E	571 FT	NIL	Tree
In circling area and at AD	TREE	110649.6N 0755947.9E	571 FT	NIL	Tree
In circling area and at AD	TREE	110645.8N 0755836.2E	571 FT	NIL	Tree
In circling area and at AD	TREE	110635.8N 0755941.5E	578 FT	NIL	Tree
In circling area and at AD	TREE	110914.3N 0755811.8E	578 FT	NIL	Tree
In circling area and at AD	TREE	110612.5N 0760046.2E	888 FT	NIL	Tree
In circling area and at AD	TREE	110645.8N 0755909.2E	580 FT	NIL	Tree
In circling area and at AD	TREE	110639.1N 0760010.5E	668 FT	NIL	Tree
In circling area and at AD	TREE	110723.7N 0755922.3E	584 FT	NIL	Tree
In circling area and at AD	TREE	110622.0N 0760026.8E	789 FT	NIL	Tree
In circling area and at AD	TREE	110619.1N 0755911.1E	589 FT	NIL	Tree
In circling area and at AD	TREE	110615.9N 0760000.2E	710 FT	NIL	Tree
In circling area and at AD	TREE	110610.1N 0760013.6E	779 FT	NIL	Tree
In circling area and at AD	TREE	110647.0N 0755844.8E	591 FT	NIL	Tree
In circling area and at AD	TREE	110652.5N 0760019.7E	683 FT	NIL	Tree
In circling area and at AD	TREE	110646.8N 0755951.7E	591 FT	NIL	Tree
In circling area and at AD	TREE	110620.0N 0755914.4E	592 FT	NIL	Tree
In circling area and at AD	TREE	110546.0N 0760022.1E	895 FT	NIL	Tree
In circling area and at AD	TREE	110655.0N 0755954.2E	602 FT	NIL	Tree

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
In circling area and at AD	TREE	110642.2N 0760002.5E	649 FT	NIL	Tree
In circling area and at AD	TREE	110546.6N 0760024.7E	916 FT	NIL	Tree
In circling area and at AD	TREE	110653.6N 0755958.7E	608 FT	NIL	Tree
In circling area and at AD	TREE	110628.8N 0760024.8E	780 FT	NIL	Tree
In circling area and at AD	TREE	110549.9N 0760015.0E	874 FT	NIL	Tree
In circling area and at AD	TREE	110600.2N 0760030.9E	897 FT	NIL	Tree
In circling area and at AD	TREE	110600.8N 0760025.9E	875 FT	NIL	Tree
In circling area and at AD	TREE	110628.2N 0760043.2E	868 FT	NIL	Tree
In circling area and at AD	TREE	110635.9N 0755904.4E	615 FT	NIL	Tree
In circling area and at AD	TREE	110611.7N 0760041.8E	906 FT	NIL	Tree
In circling area and at AD	TREE	110636.0N 0760012.1E	716 FT	NIL	Tree
In circling area and at AD	TREE	110615.2N 0760035.6E	874 FT	NIL	Tree
In circling area and at AD	TREE	110616.1N 0760037.8E	882 FT	NIL	Tree
In circling area and at AD	TREE	110603.7N 0760002.3E	786 FT	NIL	Tree
In circling area and at AD	TREE	110639.2N 0755915.3E	618 FT	NIL	Tree
In circling area and at AD	TREE	110633.8N 0755909.4E	619 FT	NIL	Tree
In circling area and at AD	TREE	110558.3N 0760032.8E	916 FT	NIL	Tree
In circling area and at AD	TREE	110611.1N 0760003.3E	768 FT	NIL	Tree
In circling area and at AD	TREE	110602.3N 0760024.2E	873 FT	NIL	Tree
In circling area and at AD	TREE	110618.6N 0760045.2E	908 FT	NIL	Tree
In circling area and at AD	TREE	110530.3N 0760005.5E	930 FT	NIL	Tree
In circling area and at AD	TREE	110645.7N 0755904.1E	623 FT	NIL	Tree
In circling area and at AD	TREE	110649.6N 0755902.3E	623 FT	NIL	Tree
In circling area and at AD	TREE	110555.2N 0760034.3E	940 FT	NIL	Tree
In circling area and at AD	TREE	110613.1N 0760043.1E	925 FT	NIL	Tree
In circling area and at AD	TREE	110642.4N 0760036.9E	824 FT	NIL	Tree
In circling area and at AD	TOWER	110919.1N 0755909.5E	638 FT	NIL	Tower

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
In circling area and at AD	TREE	110620.2N 0755955.7E	724 FT	NIL	Tree
In circling area and at AD	TREE	110620.1N 0755951.6E	709 FT	NIL	Tree
In circling area and at AD	TREE	110528.4N 0760003.2E	945 FT	NIL	Tree
In circling area and at AD	TREE	110553.6N 0760034.0E	958 FT	NIL	Tree
In circling area and at AD	TREE	110622.4N 0755912.6E	637 FT	NIL	Tree
In circling area and at AD	TREE	110636.9N 0755930.1E	640 FT	NIL	Tree
In circling area and at AD	TOWER	110904.1N 0755916.2E	639 FT	NIL	Tower
In circling area and at AD	TREE	110634.4N 0755925.2E	643 FT	NIL	Tree
In circling area and at AD	TREE	110705.7N 0755940.0E	643 FT	NIL	Tree
In circling area and at AD	TREE	110636.0N 0755919.2E	649 FT	NIL	Tree
In circling area and at AD	TREE	110633.0N 0760018.3E	783 FT	NIL	Tree
In circling area and at AD	TREE	110637.5N 0755900.0E	652 FT	NIL	Tree
In circling area and at AD	TREE	110649.7N 0755857.0E	649 FT	NIL	Tree
In circling area and at AD	TREE	110631.4N 0755919.6E	651 FT	NIL	Tree
In circling area and at AD	TREE	110714.1N 0755928.5E	650 FT	NIL	Tree
In circling area and at AD	TREE	110730.0N 0755923.5E	646 FT	NIL	Tree
In circling area and at AD	TREE	110635.5N 0760015.0E	765 FT	NIL	Tree
In circling area and at AD	TREE	110633.1N 0755924.3E	653 FT	NIL	Tree
In circling area and at AD	TREE	110700.1N 0755947.4E	654 FT	NIL	Tree
In circling area and at AD	TREE	110718.2N 0755940.1E	657 FT	NIL	Tree
In circling area and at AD	TREE	110632.0N 0755914.8E	661 FT	NIL	Tree
In circling area and at AD	TREE	110551.7N 0760014.9E	915 FT	NIL	Tree
In circling area and at AD	TREE	110556.9N 0760032.6E	962 FT	NIL	Tree
In circling area and at AD	TREE	110520.5N 0755955.3E	981 FT	NIL	Tree
In circling area and at AD	TREE	110526.8N 0760000.3E	968 FT	NIL	Tree
In circling area and at AD	TREE	110610.5N 0760008.4E	829 FT	NIL	Tree
In circling area and at AD	TREE	110908.8N 0755839.5E	663 FT	NIL	Tree

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
In circling area and at AD	TREE	110646.2N 0755841.4E	663 FT	NIL	Tree
In circling area and at AD	TREE	110616.1N 0760043.2E	953 FT	NIL	Tree
In circling area and at AD	TREE	110652.7N 0760006.2E	700 FT	NIL	Tree
In circling area and at AD	TREE	110644.5N 0755957.9E	684 FT	NIL	Tree
In circling area and at AD	TREE	110649.4N 0760024.7E	794 FT	NIL	Tree
In circling area and at AD	TREE	110632.3N 0760041.7E	908 FT	NIL	Tree
In circling area and at AD	TREE	110635.7N 0760039.6E	892 FT	NIL	Tree
In circling area and at AD	TREE	110604.9N 0760018.6E	897 FT	NIL	Tree
In circling area and at AD	TREE	110601.1N 0760023.9E	930 FT	NIL	Tree
In circling area and at AD	TREE	110646.4N 0755850.8E	674 FT	NIL	Tree
In circling area and at AD	TREE	110715.0N 0755937.3E	673 FT	NIL	Tree
In circling area and at AD	TREE	110723.1N 0755928.2E	678 FT	NIL	Tree
In circling area and at AD	TREE	110712.3N 0755939.5E	676 FT	NIL	Tree
In circling area and at AD	TREE	110655.8N 0755946.0E	676 FT	NIL	Tree
In circling area and at AD	TREE	110651.6N 0755955.5E	676 FT	NIL	Tree
In circling area and at AD	TREE	110627.9N 0760027.6E	866 FT	NIL	Tree
In circling area and at AD	TREE	110641.8N 0760007.0E	740 FT	NIL	Tree
In circling area and at AD	TREE	110637.7N 0760012.5E	776 FT	NIL	Tree
In circling area and at AD	TREE	110632.8N 0755942.0E	679 FT	NIL	Tree
In circling area and at AD	TREE	110526.5N 0755949.5E	956 FT	NIL	Tree
In circling area and at AD	TREE	110641.7N 0755909.5E	680 FT	NIL	Tree
In circling area and at AD	TREE	110717.6N 0755936.4E	680 FT	NIL	Tree
In circling area and at AD	TREE	110641.4N 0755849.1E	682 FT	NIL	Tree
In circling area and at AD	TREE	110713.9N 0755930.5E	682 FT	NIL	Tree
In circling area and at AD	TREE	110648.1N 0755858.4E	687 FT	NIL	Tree
In circling area and at AD	TREE	110626.4N 0755940.0E	697 FT	NIL	Tree
In circling area and at AD	TREE	110552.9N 0760012.5E	931 FT	NIL	Tree

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
In circling area and at AD	TREE	110719.7N 0755926.0E	687 FT	NIL	Tree
In circling area and at AD	TREE	110652.1N 0760008.1E	729 FT	NIL	Tree
In circling area and at AD	TREE	110706.7N 0755942.9E	690 FT	NIL	Tree
In circling area and at AD	TREE	110605.9N 0760004.0E	859 FT	NIL	Tree
In circling area and at AD	TREE	110721.6N 0755926.6E	695 FT	NIL	Tree
In circling area and at AD	TREE	110656.3N 0755949.8E	692 FT	NIL	Tree
In circling area and at AD	TREE	110638.7N 0755902.7E	698 FT	NIL	Tree
In circling area and at AD	TREE	110631.8N 0755929.0E	699 FT	NIL	Tree
In circling area and at AD	TREE	110558.4N 0760030.2E	987 FT	NIL	Tree
In circling area and at AD	TREE	110602.3N 0760006.3E	887 FT	NIL	Tree
In circling area and at AD	TREE	110557.7N 0760005.9E	903 FT	NIL	Tree
In circling area and at AD	TREE	110651.0N 0755951.3E	698 FT	NIL	Tree
In circling area and at AD	TREE	110624.2N 0755946.3E	744 FT	NIL	Tree
In circling area and at AD	TREE	110640.8N 0755857.2E	704 FT	NIL	Tree
In circling area and at AD	TREE	110913.8N 0755838.5E	703 FT	NIL	Tree
In circling area and at AD	TREE	110549.1N 0760022.2E	998 FT	NIL	Tree
In circling area and at AD	TREE	110552.3N 0760033.5E	1026 FT	NIL	Tree
In circling area and at AD	TREE	110651.7N 0760013.4E	772 FT	NIL	Tree
In circling area and at AD	TREE	110619.2N 0760031.6E	935 FT	NIL	Tree
In circling area and at AD	TREE	110634.0N 0755928.6E	710 FT	NIL	Tree
In circling area and at AD	TREE	110617.7N 0760034.0E	957 FT	NIL	Tree
In circling area and at AD	TREE	110717.2N 0755932.9E	713 FT	NIL	Tree
In circling area and at AD	TREE	110722.5N 0755929.8E	713 FT	NIL	Tree
In circling area and at AD	TREE	110635.3N 0760017.7E	843 FT	NIL	Tree
In circling area and at AD	TREE	110653.8N 0755949.1E	718 FT	NIL	Tree
In circling area and at AD	TREE	110617.6N 0760041.3E	993 FT	NIL	Tree
In circling area and at AD	TREE	110607.3N 0760005.4E	891 FT	NIL	Tree

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
In circling area and at AD	TREE	110637.7N 0755907.4E	724 FT	NIL	Tree
In circling area and at AD	TREE	110643.6N 0760003.4E	765 FT	NIL	Tree
In circling area and at AD	TREE	110549.7N 0760020.0E	1008 FT	NIL	Tree
In circling area and at AD	TREE	110649.0N 0755953.6E	727 FT	NIL	Tree
In circling area and at AD	TREE	110716.5N 0755930.8E	729 FT	NIL	Tree
In circling area and at AD	TREE	110528.4N 0760006.2E	1049 FT	NIL	Tree
In circling area and at AD	TREE	110618.2N 0760036.3E	983 FT	NIL	Tree
In circling area and at AD	TREE	110640.6N 0755906.4E	732 FT	NIL	Tree
In circling area and at AD	TREE	110607.7N 0760013.5E	927 FT	NIL	Tree
In circling area and at AD	TREE	110525.9N 0760001.6E	1048 FT	NIL	Tree
In circling area and at AD	TREE	110638.5N 0755905.5E	735 FT	NIL	Tree
In circling area and at AD	TREE	110559.1N 0760025.9E	1007 FT	NIL	Tree
In circling area and at AD	TREE	110717.3N 0755929.7E	737 FT	NIL	Tree
In circling area and at AD	TREE	110627.3N 0760041.4E	986 FT	NIL	Tree
In circling area and at AD	TREE	110633.5N 0755917.7E	740 FT	NIL	Tree
In circling area and at AD	TREE	110635.7N 0755913.0E	739 FT	NIL	Tree
In circling area and at AD	TREE	110528.7N 0760007.9E	1061 FT	NIL	Tree
In circling area and at AD	TREE	110549.2N 0760032.0E	1068 FT	NIL	Tree
In circling area and at AD	TREE	110559.0N 0760023.6E	1004 FT	NIL	Tree
In circling area and at AD	TREE	110909.5N 0755844.5E	743 FT	NIL	Tree
In circling area and at AD	TREE	110641.1N 0760035.3E	933 FT	NIL	Tree
In circling area and at AD	TREE	110649.7N 0760000.8E	762 FT	NIL	Tree
In circling area and at AD	TREE	110555.6N 0760032.0E	1055 FT	NIL	Tree
In circling area and at AD	TREE	110619.6N 0760034.2E	988 FT	NIL	Tree
In circling area and at AD	TREE	110619.3N 0760034.0E	988 FT	NIL	Tree
In circling area and at AD	TREE	110633.8N 0760024.2E	908 FT	NIL	Tree
In circling area and at AD	TREE	110555.1N 0760008.9E	976 FT	NIL	Tree



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
In circling area and at AD	TREE	110527.4N 0760004.6E	1072 FT	NIL	Tree
In circling area and at AD	TREE	110525.8N 0755953.6E	1045 FT	NIL	Tree
In circling area and at AD	TREE	110607.6N 0760008.6E	934 FT	NIL	Tree
In circling area and at AD	TREE	110600.1N 0760008.7E	960 FT	NIL	Tree
In circling area and at AD	TREE	110718.5N 0755932.2E	755 FT	NIL	Tree
In circling area and at AD	TREE	110624.7N 0760036.7E	990 FT	NIL	Tree
In circling area and at AD	TREE	110642.0N 0760010.8E	836 FT	NIL	Tree
In circling area and at AD	TREE	110625.3N 0760033.4E	977 FT	NIL	Tree
In circling area and at AD	TREE	110558.1N 0760028.6E	1042 FT	NIL	Tree
In circling area and at AD	TREE	110557.1N 0760007.9E	973 FT	NIL	Tree
In circling area and at AD	TREE	110718.2N 0755929.3E	761 FT	NIL	Tree
In circling area and at AD	TREE	110720.9N 0755932.3E	762 FT	NIL	Tree
In circling area and at AD	TREE	110619.5N 0760038.6E	1021 FT	NIL	Tree
In circling area and at AD	TREE	110648.1N 0755956.9E	771 FT	NIL	Tree
In circling area and at AD	TREE	110629.7N 0760029.9E	959 FT	NIL	Tree
In circling area and at AD	TREE	110639.4N 0755909.1E	769 FT	NIL	Tree
In circling area and at AD	TREE	110631.6N 0755936.7E	773 FT	NIL	Tree
In circling area and at AD	TREE	110550.0N 0760024.6E	1069 FT	NIL	Tree
In circling area and at AD	TREE	110557.1N 0760029.7E	1063 FT	NIL	Tree
In circling area and at AD	TREE	110719.6N 0755929.2E	772 FT	NIL	Tree
In circling area and at AD	TREE	110719.7N 0755930.9E	772 FT	NIL	Tree
In circling area and at AD	TREE	110638.4N 0760015.0E	879 FT	NIL	Tree
In circling area and at AD	TREE	110629.9N 0755940.4E	775 FT	NIL	Tree
In circling area and at AD	TREE	110634.0N 0755930.4E	777 FT	NIL	Tree
In circling area and at AD	TREE	110525.4N 0760003.2E	1099 FT	NIL	Tree
In circling area and at AD	TREE	110641.5N 0755901.9E	778 FT	NIL	Tree
In circling area and at AD	TREE	110649.9N 0760016.2E	862 FT	NIL	Tree

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
In circling area and at AD	TREE	110621.6N 0760042.5E	1049 FT	NIL	Tree
In circling area and at AD	TREE	110719.9N 0755930.3E	780 FT	NIL	Tree
In circling area and at AD	TREE	110644.5N 0760030.8E	951 FT	NIL	Tree
In circling area and at AD	TREE	110650.0N 0760008.9E	843 FT	NIL	Tree
In circling area and at AD	TREE	110647.4N 0760023.3E	914 FT	NIL	Tree
In circling area and at AD	TREE	110633.4N 0755933.4E	797 FT	NIL	Tree
In circling area and at AD	TREE	110643.9N 0755901.6E	798 FT	NIL	Tree
In circling area and at AD	TREE	110523.6N 0755957.9E	1109 FT	NIL	Tree
In circling area and at AD	TREE	110638.7N 0755911.4E	798 FT	NIL	Tree
In circling area and at AD	TREE	110554.3N 0760031.5E	1105 FT	NIL	Tree
In circling area and at AD	TREE	110633.4N 0755933.3E	800 FT	NIL	Tree
In circling area and at AD	TREE	110638.8N 0755911.2E	798 FT	NIL	Tree
In circling area and at AD	TREE	110644.5N 0755855.7E	803 FT	NIL	Tree
In circling area and at AD	TREE	110646.2N 0755959.8E	831 FT	NIL	Tree
In circling area and at AD	TREE	110629.4N 0760039.9E	1047 FT	NIL	Tree
In circling area and at AD	TREE	110550.4N 0760030.1E	1127 FT	NIL	Tree
In circling area and at AD	TREE	110555.4N 0760011.4E	1044 FT	NIL	Tree
In circling area and at AD	TREE	110554.2N 0760015.4E	1064 FT	NIL	Tree
In circling area and at AD	TREE	110719.1N 0755930.3E	814 FT	NIL	Tree
In circling area and at AD	TREE	110647.9N 0760006.6E	861 FT	NIL	Tree
In circling area and at AD	TREE	110624.4N 0760040.6E	1066 FT	NIL	Tree
In circling area and at AD	TREE	110644.4N 0755859.8E	818 FT	NIL	Tree
In circling area and at AD	TREE	110605.0N 0760007.1E	999 FT	NIL	Tree
In circling area and at AD	TREE	110550.6N 0760031.5E	1136 FT	NIL	Tree
In circling area and at AD	TREE	110552.1N 0760022.4E	1105 FT	NIL	Tree
In circling area and at AD	TREE	110621.3N 0760040.5E	1088 FT	NIL	Tree
In circling area and at AD	TREE	110555.7N 0760029.0E	1125 FT	NIL	Tree

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
In circling area and at AD	TREE	110602.6N 0760017.6E	1063 FT	NIL	Tree
In circling area and at AD	TREE	110605.5N 0760013.6E	1040 FT	NIL	Tree
In circling area and at AD	TREE	110557.9N 0760010.6E	1066 FT	NIL	Tree
In circling area and at AD	TREE	110556.1N 0760023.4E	1118 FT	NIL	Tree
In circling area and at AD	TREE	110557.6N 0760026.1E	1124 FT	NIL	Tree
In circling area and at AD	TREE	110646.9N 0760015.9E	943 FT	NIL	Tree
In circling area and at AD	TREE	110524.3N 0760004.3E	1185 FT	NIL	Tree
In circling area and at AD	TREE	110526.0N 0760006.8E	1185 FT	NIL	Tree
In circling area and at AD	TREE	110646.5N 0760011.0E	925 FT	NIL	Tree
In circling area and at AD	TREE	110646.1N 0760003.5E	905 FT	NIL	Tree
In circling area and at AD	TREE	110644.7N 0760015.2E	957 FT	NIL	Tree
In circling area and at AD	TREE	110636.8N 0760021.9E	1008 FT	NIL	Tree
In circling area and at AD	TREE	110553.0N 0760028.4E	1170 FT	NIL	Tree
In circling area and at AD	TREE	110555.7N 0760026.5E	1154 FT	NIL	Tree
In circling area and at AD	TREE	110604.0N 0760008.5E	1067 FT	NIL	Tree
In circling area and at AD	TREE	110645.4N 0760007.7E	936 FT	NIL	Tree
In circling area and at AD	TREE	110559.1N 0760020.5E	1133 FT	NIL	Tree
In circling area and at AD	TREE	110633.7N 0760038.0E	1100 FT	NIL	Tree
In circling area and at AD	TREE	110603.6N 0760009.4E	1078 FT	NIL	Tree
In circling area and at AD	TREE	110554.5N 0760023.9E	1165 FT	NIL	Tree
In circling area and at AD	TREE	110554.3N 0760026.1E	1174 FT	NIL	Tree
In circling area and at AD	TREE	110644.1N 0760023.9E	1024 FT	NIL	Tree
In circling area and at AD	TREE	110642.7N 0760017.5E	1002 FT	NIL	Tree
In circling area and at AD	TREE	110603.5N 0760014.0E	1113 FT	NIL	Tree
In circling area and at AD	TREE	110639.8N 0760018.0E	1015 FT	NIL	Tree
In circling area and at AD	TREE	110637.8N 0760028.2E	1063 FT	NIL	Tree
In circling area and at AD	TREE	110639.2N 0760033.4E	1086 FT	NIL	Tree

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
In circling area and at AD	TREE	110557.4N 0760014.8E	1142 FT	NIL	Tree
In circling area and at AD	TREE	110642.4N 0760026.0E	1053 FT	NIL	Tree
In circling area and at AD	TREE	110641.1N 0760019.2E	1032 FT	NIL	Tree
In circling area and at AD	TREE	110602.1N 0760012.6E	1132 FT	NIL	Tree
In circling area and at AD	TREE	110639.9N 0760023.1E	1058 FT	NIL	Tree
In circling area and at AD	TREE	110640.2N 0760025.8E	1067 FT	NIL	Tree
In circling area and at AD	TREE	110638.9N 0760030.2E	1103 FT	NIL	Tree
In circling area and at AD	TREE	110641.1N 0760027.8E	1089 FT	NIL	Tree
In circling area and at AD	TREE	110640.5N 0760029.2E	1102 FT	NIL	Tree
In circling area and at AD	TREE	110631.7N 0760033.2E	1140 FT	NIL	Tree
In circling area and at AD	TREE	110630.4N 0760036.3E	1164 FT	NIL	Tree
In circling area and at AD	TREE	110634.8N 0760033.0E	1137 FT	NIL	Tree
In circling area and at AD	TREE	110600.1N 0760014.6E	1177 FT	NIL	Tree
In circling area and at AD	TREE	110637.1N 0760032.1E	1134 FT	NIL	Tree
In circling area and at AD	TREE	110629.4N 0760036.2E	1176 FT	NIL	Tree
In circling area and at AD	TREE	110630.5N 0760035.9E	1175 FT	NIL	Tree
In circling area and at AD	TREE	110632.9N 0760034.7E	1183 FT	NIL	Tree

**VOCL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Name of the associated meteorological office	Calicut
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	H24
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Trivandrum 9, 24HR
4	Availability of the trend forecast for the aerodrome and interval of issuance	Trend Trend Half Hourly
5	Information on how briefing and/or consultation is provided	Personal Consultation On request Personal Consultation
6	Types of flight documentation supplied and language(s) used in flight documentation	Charts abbreviated plain language 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;	DIWE for RWY 10 & 28 Anemometer: 2320M from THR RWY 28.
9	The air traffic services unit(s) provided with meteorological information	Calicut TWR/APP
10	Additional information, e.g. concerning any limitation of service.	Half hourly METAR at every hour (UTC) and hour + 30 minutes.

**VOCL 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
10	100.93 DEG	2860 x 45 M	71/F/B/W/T Concrete/Asphalt	THR: 110818.38N 0755633.82E RWY END:
28	280.93 DEG	2860 x 45 M	71/F/B/W/T Concrete/Asphalt	THR: 110800.78N 0755806.38E RWY END:

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: 314.0FT TDZ: 338.0FT	0.29%	NIL	NIL	2970 x 150 M
THR: 325.0FT TDZ: 327.0FT	-0.29%	NIL	NIL	2970 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
93M x 90M	NIL	NIL	NIL
92M x 90M	NIL	NIL	NIL

**VOCL 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
10	2850	2850	2850	2850	
28	2850	2850	2850	2850	

## VOCL 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
10	SALS 150 M Abridged LIH	Green	PAPI LEFT/3.00 DEG MEHT (57.85FT)	NIL
28	SALS 150 M Abridge LIH	Green	PAPI LEFT/3.00 DEG MEHT (57.85FT)	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
	2860 M 60 M White LIH	Red	NIL	RWY THR IDENT LGT Available
	2860 M 60 M White LIH	Red	NIL	RWY THR IDENT LGT Available

## VOCL AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	At Tower Building, FLG W&G26 flashes/min, AS ATS
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	LDI: (Outlined by white lights):225M NW of ARP Abeam (left side) RWY THR 10 & 28, & 2130M from RWY 28 THR.
		Anemometer	2320M from THR RWY 28 on northern side of RWY
3	Taxiway edge and taxiway centre line lights;	Edge	Lighted
		Centre Line	Not Lighted
4	Secondary power supply including 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, and 1826M respectively from THR RWY 28. Light unit situated at 3121M from THR RWY 28 is offset by 16.5M towards right while approaching of extended RWY centreline. Intensity - 300cd/1500cd/1500cd.	

**VOCL 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	Not Established
2	TLOF and/or FATO area elevation:	Not Established
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	Not Established
4	True bearings of FATO;	Not Established
5	Declared distances available	Not Established
6	Approach and FATO lighting;	Not Established
7	Remarks	Not Established

**VOCL AD 2.17 AIR TRAFFIC SERVICE AIRSPACE**

1	Airspace designation, geographical coordinates and lateral limits	CTR: Area bounded by lines joining points 111600N 0762100E; 111500N 0763100E; 105500N 0762900E; 105600N 0761900E then along the clockwise arc of a circle of 25NM radius centred on DVOR CLC (110806N 0755718E) to point of origin.
2	Vertical limits	5500 FT
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Calicut Tower/ Calicut Approach, English
5	Transition altitude	10000 FT
6	Hours of applicability	H24
7	Remarks	ADC & SMC services provided by Calicut Tower. Independent APP unit operational, Operational hrs as per NOTAM.

**VOCL AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES**

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
APP	Calicut Tower/ Calicut Approach	119.150 MHZ	
TWR	Calicut Tower	122.950 MHZ	
TWR	Calicut Tower	123.350 MHZ	
ATIS	Calicut Information	127.000 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	H24	--
	H24	Secondary
	H24	Primary
	H24	--

**VOCL 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
LOC 28	ICAC	109.500 MHz	H24
LOC 10	ICLB	110.700 MHz	H24
GP 28	ICAC	332.600 MHz	H24
GP 10	ICLB	330.200 MHz	
DME ILS 28	ICAC	CH32X	H24
DME ILS 10	ICLB	CH44X	H24
DVOR/DME	CLC	116.500 MHz CH112X	H24
NDB	CL	303 kHz	H24

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
110819.3N 0755629.2E			
110759.9N 0755811.0E			
110805.0N 0755756.5E			3.2 DEG
110812.7N 0755642.4E			
110805.0N 0755756.5E	336 FT		Collocated With GP 28
110812.7N 0755642.4E	314 FT		Collocated With GP10
110805.7N 0755718.0E	350 FT		
110833.5N 0755651.4E			



## **VOCL AD 2.20 LOCAL AERODROME REGULATIONS**

### **1. PUSHBACK PROCEDURES: -**

- i. Stand No. 1 to 10 and stand No. 5A & 12 are power in/pushback stands.
  - ii. Stand No. 11 and 11A are power in/power out stands. The Stand No. 11A is a dependent stand for taxi out. Aircraft from Stand No. 11A can taxi out only when Stand No. 11 is vacant.
  - iii. When stand No. 5A is occupied by code E aircraft, the aircraft on Stand No. 1 shall be pushed back via taxiway A to the runway.
  - iv. A300-600 or other Code D aircraft to stand No. 4 & 5 shall taxi-in/taxi-out via taxiway A or B only.
  - v. Aircraft for stand No. 5A is allotted only when stand No. 4 & 5 are vacant. Aircraft for stand No. 5A to taxi-in and pushback to runway via taxiway A only.
  - vi. When stand No. 5A and/or stand 9 are occupied, aircraft for stand No. 6 to taxi-in and pushback out to runway via taxiway B only.
  - vii. The A310 or other code-D aircraft for stand No 8 shall taxi-in/taxi-out via taxiway A & B only when stand No. 11A or 12 are occupied.
  - viii. Stand No. 9 is allotted to an aircraft only when stands 7 & 8 are vacant. Aircraft to stand No. 9 to taxi-in and pushback to runway via taxiway B only.
  - ix. When Stand Nos. 12 & 9 are occupied, aircraft to Stand No. 10 to taxi-in and pushback via taxiway C.
  - x. Stand No. 11 is for B737-800W or smaller type of aircraft. Stand No. 11 can be allotted only when Stand No. 11A is vacant. Taxi-in to stand 11 is via stand 11A and aircraft parking is facing SW.
  - xi. Stand No. 11A is for B737-800 W or smaller type of aircraft and aircraft parking is facing North-East. Aircraft to taxi-out from stand 11A via stand No. 11. If Stand No. 11 is occupied, aircraft needs to be pushed back.
  - xii. Stand No. 12 is for B777-300 ER/B747-400 or lesser type category aircraft and is allotted only when 7, 8, 9, 10, 11 & 11A are vacant. Aircraft on Stand No. 12 is to be pushed back on to RWY via TWY C only.
  - xiii. Aircraft on Stand No. 1 to 8 can taxi via Taxiway 'C', only when Stand No. 5A & 9 are vacant.
- NOTE: Code-E Aircraft require pushback on to the Runway for start-up.

2. Intersection Take-off from RWY 10/28 Not permitted.

## **VOCL AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

## **VOCL AD 2.22 FLIGHT PROCEDURES**

NIL

## **VOCL AD 2.23 ADDITIONAL INFORMATION**

1.Details of aircraft stands available at Calicut International Airport:

Stand No.	Coordinates	Elevation (FT)	Suitability	Bearing Strength & Surface
1	110821.07N 0755655.83E	332.05	A321/B737-800 (W) or ACFT With Maximum Wing Span 35.8M or less	55/R/A/X/T Concrete
2	110820.82N 0755657.15E	332.97	A321/B737-800 (W) or ACFT With Maximum Wing Span 35.8M or less	55/R/A/X/T Concrete
3	110820.87N 0755658.53E	333.57	A321/B737-800 (W) or ACFT With Maximum Wing Span 35.8M or less	55/R/A/X/T Concrete
4	110820.65N 0755700.10E	334.14	A300-600F or ACFT With Maximum Wing Span 44.84M or less.	55/R/A/X/T Concrete
5	110820.33N 0755701.79E	333.28	A300-600F or ACFT With Maximum Wing Span 44.84M or less.	55/R/A/X/T Concrete
5A	110820.33N 0755702.30E	333.14	Maximum Wing Span for B777-300/B747-400 or less.	55/R/A/X/T Concrete
6	110819.97N 0755703.30E	332.87	A320-200 or ACFT With Maximum Wing Span 33.9M or less	55/R/A/X/T Concrete
7	110819.72N 0755704.58E	332.49	A321/B737-800 (W) or ACFT With Maximum Wing Span 35.8M or less	55/R/A/X/T Concrete
8	110819.50N 0755706.14E	332.40	A310 or ACFT With Maximum Wing Span 44.8M or less	55/R/A/X/T Concrete
9	110819.64N 0755706.29E	332.47	B747-400 or ACFT With Maximum Wing Span 64.9M or less.	55/R/A/X/T Concrete
10	110817.52N 0755707.43E	333.37	A321/B737-800(W) or ACFT With Maximum Wing Span 35.8M or less	55/R/A/X/T Concrete
11	110816.15N 0755709.49E	332.91	B737-800(W) or ACFT With Maximum Wing Span 35.8M or less and length 39.5M or less.	55/R/A/X/T Concrete
11A	110817.80N 0755709.80E	333.43	B737-800(W) or ACFT With Maximum Wing Span 35.8M or less and length 35M or less.	55/R/A/X/T Concrete
12	110817.00N 0755710.80E	332.21	Maximum Wing Span for B777-300ER/B747-400 or less	55/R/A/X/T Concrete

Remarks: -

- i. Aerobridge stands- Stand Nos. 04, 05 & 08.
- ii. Aerobridge service available for Stand Nos. 5A and 9 also.

2.The aerodrome is licensed for use in IFR (all weather) condition. Aircraft operator to ensure that pilot in command/flight crew, operating flights to/from Calicut during night have sufficient experience in terms of flying hours as well as experience of day operation at Calicut aerodrome. In addition, all approaches in the night must be initiated with an IAL procedure only.

3.Details of TWY C: Location: PARL to and to the eastern side of TWY 'B' connecting RWY and APN at an angle of 90 DEG. TWY 'C' AVBL for code 'E' ACFT and lesser type. H-24, trapezoidal turning pad on southern side of RWY28 beginning AVBL. PCN 55/F/A/X/T. shoulders 10.5M. Semicircular turning pad on the northern side of RWY28 beginning not usable.

4.RWY end light to indicate RWY 28 and RWY 10 end provided in the form of inset RWY end light.

5.Commissioning of ADS-B at Calicut Airport

Facility: ADS-B  
Freq: 1090MHZ  
Coord: 110822N 755655E  
Site Elev: 122.5 AMSL

6.Intermediate turn pad provided to the north of RWY at 2250m from the beginning of Rwy10 for aircraft type upto code-C.

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

1. Aerodrome Chart
2. Aircraft Parking/Docking Chart
3. Aerodrome Obstacle Chart – Type A (Operating Limitations), RWY 10/28
4. ILS (Z) Procedure RWY 10
5. ILS (Y) Procedure RWY 10
6. ILS (Z) Procedure RWY 28
7. ILS (Y) Procedure RWY 28
8. VOR (Z) Procedure RWY 10
9. VOR Procedure RWY 28
10. ATC Surveillance Minimum Altitude Chart