

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

VELR - LILABARI / DOMESTIC

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

1	Aerodrome reference point coordinates and its site	271728N 0940536E 049 DEG/439.83 M from threshold Runway 04
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	7 KMS north-west of north Lakhimpur Railway Station, bearing 320 DEG.
3	Aerodrome elevation and reference temperature	330 FT / 31.6 DEG C
4	Magnetic variation, date of information and annual change	0.30 DEG W (1975) /0.00
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, North Lakhimpur, Lilabari Airport, Assam - 787051
	Telephone:	+91-3752-234179,
	Fax:	+91-3752-234831
	AFS:	
	Email:	apdlbr.aai@aai.aero
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	NIL

**VELR AD 2.3 OPERATIONAL HOURS**

1	Aerodrome Operator	MON-FRI 0330-1130 UTC (0900-1700 IST)
2	Custom and immigration	Not Avbl
3	Health and sanitation	Not Avbl
4	AIS briefing office	As ATS
5	ATS reporting office (ARO)	As ATS
6	MET Briefing office	As ATS
7	Air Traffic Service	Consult current NOTAM
8	Fuelling	Not Avbl
9	Handling	Not AVBL.
10	Security	As ATS
11	De-icing	Not Applicable.
12	Remarks	Night landing facility available. 24 Hours prior notice required for all non-scheduled flights and 2 Hours prior notice required for extension of watch for scheduled flights outside of ATS hours, service available O/R with 24 HR PN to AD.

**VELR AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	
3	Fuelling facilities and capacity	NIL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

**VELR AD 2.5 PASSENGER FACILITIES**

1	Hotel(s) at or in the vicinity of aerodrome	In the city
2	Restaurant(s) at or in the vicinity of aerodrome	In the city
3	Transportation possibilities	Taxi / Auto Rickshaws
4	Medical Facilities	First aid at AD. Hospitals in city
5	Bank and post office at or in the vicinity of aerodrome	Banks: In the city Post office: In the city
6	Tourist office	NIL
7	Remarks	NIL

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

1	Aerodrome category for fire fighting	Within ATS HR: CAT-4
2	Rescue equipment	AVBL. as per category
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

**VELR AD 2.7 SEASONAL AVAILABILITY CLEARING**

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

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

1	Designation, surface and strength of aprons	Designator: APRON Surface: Concrete Strength: PCN 45/R/B/W/T
2	Designation, width, surface and strength of taxiways	Designator: TWY Width: 23 M Surface: Concrete Strength: PCN 45/R/B/W/T  Designator: TWY U Width: 18 M Surface: Concrete Strength: PCN 39/R/C/Y/T Length: 250M
3	Location and elevation of altimeter checkpoints	Location: At Apron Elevation: 328FT/99.9744M
4	Location of VOR checkpoints	Holding Point of Taxiway 'L' with specification 116.5MHZ R046/0.3NM LBR.'

5	Position of INS checkpoints	NIL
6	Remarks	

**VELR 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	TWY guidance signal at all the intersection with TWY and RWY and at all holding position guide lines at apron
2	Runway and taxiway markings and lights	RWY Markings: Designator, Centre Line, THR, TDZ, Side Stripe RWY Lighting: THR, End, Turning pad TWY Markings: Central line, Taxi holding position. TWY Lighting: Edge.
3	Stop bars (if any)	NIL
4	Remarks	Other Lights: Aerodrome Beacon, Landing T, Apron Flood Lights. The Operational Guidance System, Mandatory Instruction Signage and Illuminated Wind Cone are provided.

**VELR 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
22/APCH 04/TKOF	TREE	271808.0N 0940623.2E	400 FT	NIL	TREE
22/TKOF 04/APCH	FENCE	271714.4N 0940514.8E	342 FT	NIL	Wire fencing-top
22/TKOF 04/APCH	POLE	271712.1N 0940513.5E	344 FT	NIL	Telephone Pole
In circling area and at AD	TOWER	271713.9N 0940527.7E	384 FT	NIL	Met Observatory Tower
In circling area and at AD	OTHER	271711.4N 0940524.7E	378 FT	NIL	OHWT
In circling area and at AD	BUILDING	271718.9N 0940519.8E	341 FT	NIL	Security Hut
22/TKOF 04/APCH	BUILDING	271704.3N 0940512.1E	364 FT	NIL	Building
22/TKOF 04/APCH	POLE	271706.4N 0940515.6E	354 FT	NIL	Electric Pole
22/APCH 04/TKOF	TREE	271706.0N 0940502.6E	385 FT	NIL	TREE
22/TKOF 04/APCH	POLE	271707.1N 0940513.3E	358 FT	NIL	Electric Pole
22/TKOF 04/APCH	POLE	271708.3N 0940511.8E	345 FT	NIL	Telephone Pole

**VELR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Name of the associated meteorological office	MO North Lakhimpur
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	As ATS
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	RMC Guwahati 9HR
4	Availability of the trend forecast for the aerodrome and interval of issuance	Met Report provided on 30 min PN
5	Information on how briefing and/or consultation is provided	NIL
6	Types of flight documentation supplied and language(s) used in flight documentation	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;	Available
9	The air traffic services unit(s) provided with meteorological information	Lilabari Tower
10	Additional information, e.g. concerning any limitation of service.	Class C met office.

**VELR 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
04	43.00 DEG	2286 x 45 M	45/R/B/W/T Concrete/Asphalt	THR: 271718.90N 0940524.20E
22	223.00 DEG	2286 x 45 M	45/R/B/W/T Concrete/Asphalt	THR: 271810.30N 0940617.00E

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: 330.4FT TDZ:				2406 x 150 M
THR: 329.8FT TDZ:				2406 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
90M x 90M			PCN RWY04: 48/R/B/W/T (From Beginning to 305M Rigid Portion Concrete) 46/F/B/W/T (From 305M to 1640.5M Flexible Portion Asphalt) 45/R/B/W/T (From 1640.5M to 2286M Rigid Portion Concrete)
90M x 90M			PCN RWY22: 45/R/B/W/T (From Beginning to 645.5M Rigid Portion Concrete) 46/F/B/W/T (From 645.5M to 1981M Flexible Portion Asphalt) 48/R/B/W/T (From 1981M to 2286M Rigid Portion Concrete)

**VELR 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
04	2286	2286	2286	2166	
22	2286	2286	2286	2286	

**VELR 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
04	SALS 420 M LIH	WBAR	PAPI	
22			PAPI	
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
	2281 M 60 M White LIH	Red		Only upto 1st Cross Bar
	2281 M 60 M White LIH	Red		NIL

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

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	Located on top of the control Tower FLG W & G every 3 SEC.
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	Approximately 70M east of Link TWY and south of RWY, Lighted
		Anemometer	Located on top of the control Tower.
3	Taxiway edge and taxiway centre line lights;	Edge	Lighted
		Centre Line	
4	Secondary power supply including switch-over time;	Switch over time: 15 sec.	
5	Remarks	NIL	

**VELR 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	NIL
2	TLOF and/or FATO area elevation:	NIL
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	NIL
4	True bearings of FATO;	NIL
5	Declared distances available	NIL
6	Approach and FATO lighting;	NIL
7	Remarks	NIL

**VELR AD 2.17 AIR TRAFFIC SERVICE AIRSPACE**

1	Airspace designation, geographical coordinates and lateral limits	ATZ: Circular area centered on 271733N 0940542E within a 5NM radius.
2	Vertical limits	3000 FT
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Lilabari TWR, English
5	Transition altitude	11600 FT
6	Hours of applicability	As ATS
7	Remarks	NIL

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

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Lilabari TWR	118.650 MHZ	
Logon address, as appropriate	Hours of operation	Remarks	
5	6	7	
	As ATS	NIL	

**VELR 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
DVOR/DME	LBR	116.500 MHz CH112X	As ATS
NDB	NR	381 kHz	As ATS

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
271734.7N 0940548.8E			
271713.0N 0940527.0E			

**VELR AD 2.20 LOCAL AERODROME REGULATIONS**

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**VELR AD 2.21 NOISE ABATEMENT PROCEDURES**

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**VELR AD 2.22 FLIGHT PROCEDURES**

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**VELR AD 2.23 ADDITIONAL INFORMATION**

Link Taxiway "U" commissioned from Runway 04-22 to UAV Hangar for exclusive use by Indian Army with following details:

- Length: 250 M.
- Markings: Taxiway Edge and Taxi Holding Position.

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

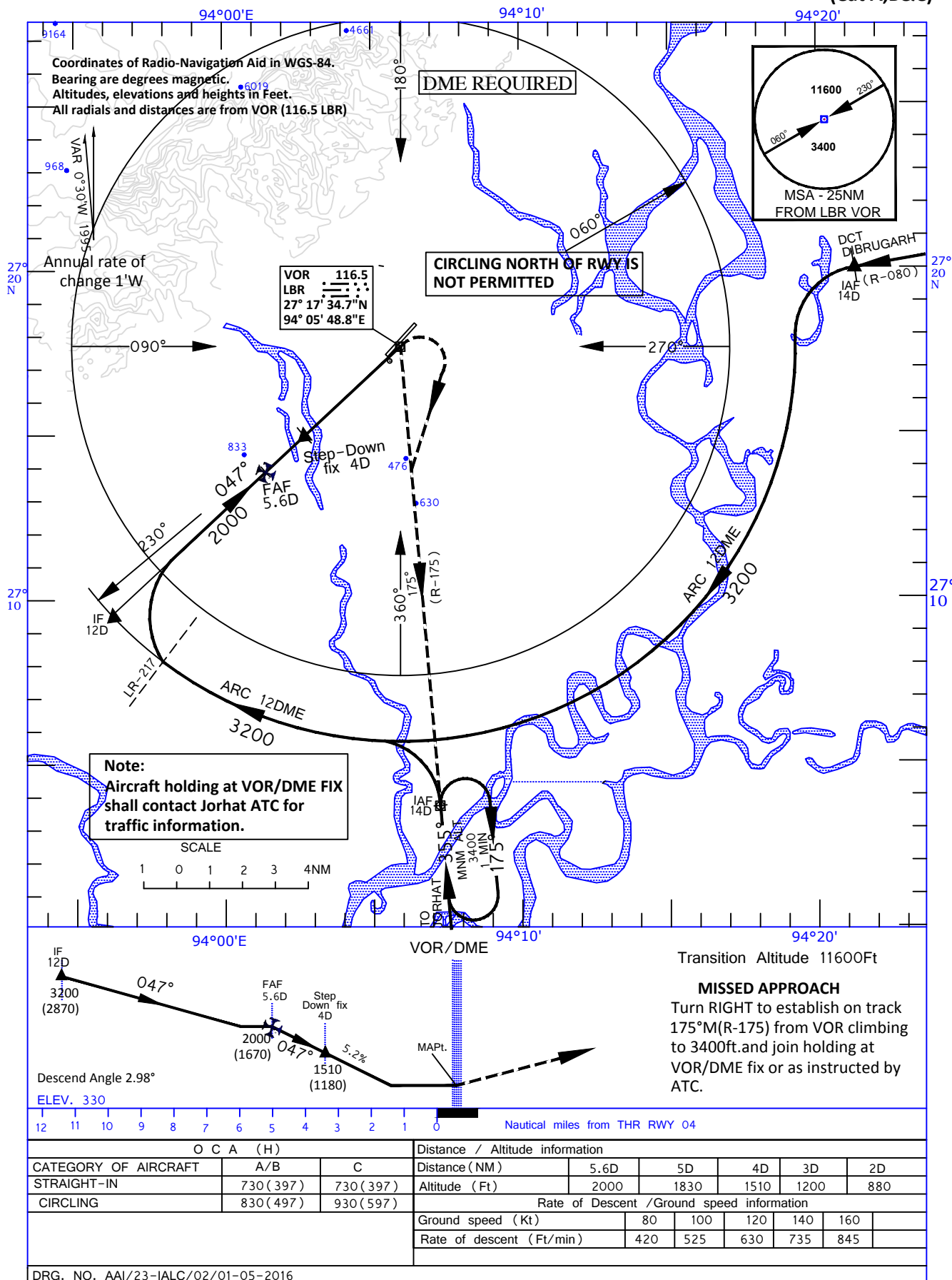
- VOR Procedure RWY 04
- VOR Procedure RWY 22





**INSTRUMENT  
APPROACH  
CHART**Aerodrome Elev 333Ft  
Height related to:  
THR RWY04-Elev 330Ft

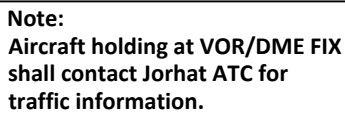
TWR 118.65

**LILABARI  
INDIA  
VOR RWY 04  
(Cat A,B&C)**

**Aerodrome Elev. 333Ft**  
**Height related to:**  
**THR RWY22-Elev. 330Ft**

TWR 118.65

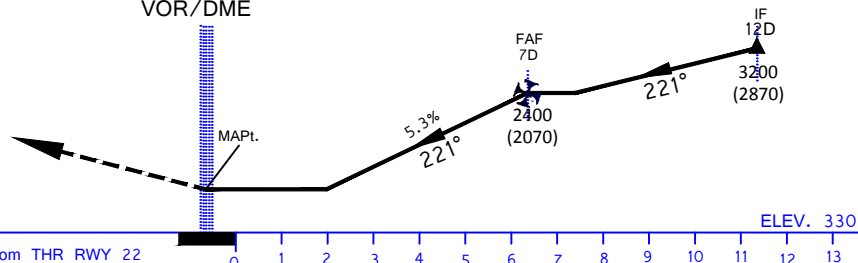
**LILABARI  
INDIA  
VOR RWY 22  
Cat A, B & C**



Transition Altitude 11600Ft

### MISSED APPROACH

Turn LEFT to establish on track 175°M(R-175) from VOR climbing to 3400ft.and join holding at VOR/DME fix or as instructed by ATC.



O C A (H)			Distance / Altitude information							
CATEGORY OF AIRCRAFT	A/B	C	Distance (NM)	7D	6D	5D	4D	3D	2D	
STRAIGHT-IN	730(397)	730(397)	Altitude (Ft)	2400	2080	1760	1440	1120	790	
CIRCLING	830(497)	930(597)	Rate of Descent /Ground speed information							
			Ground speed (Kt)			80	100	120	140	160
			Rate of descent (Ft/min)			430	535	645	750	860

DRG. NO. AAI/24-IALC/02/01-05-2016