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AD.1 AERODROMES/HELIPORTS-INTRODUCTION
AD 1.1 AERODROME/HELIPORT AVAILABILITY

1. **Introduction**

This section contains information on all aerodromes which are available for use in international and national aircraft operations. Section AD 1 gives a description relating to the use of aerodromes and the clearance formalities involved. AD 2 contains information on physical characteristics of aerodromes international and national operations.

As there are no heliports, sec AD 3 has been omitted.

1.2 AERODROMES ADMINISTRATION

The administration of most aerodromes is the responsibility of the Civil Aviation Authority.

Private aerodromes are licensed by the Authority of ensure compliance with certain minimum standards. They are not available for public use, unless prior permission has been obtained from the owner or the operator thereof.

1.3 REGULATIONS CONCERNING AIRPORT USE

1.3.1 STANDARD CONDITIONS APPLICABLE TO THE LANDING, PARKING OR STORAGE OF AIRCRAFT ON AERODROMES UNDER THE CONTROL OF THE CIVIL AVIATION AUTHRITY, BANGLADESH.

1.3.1.1. Conditions governing the use of all Government-owned Aerodromes in Bangladesh.

1.3.1.1.1 The conditions under which aircraft may land, be parked housed or otherwise dealt with at any of the Government owned aerodromes in Bangladesh under the control of the Civil Aviation Authority are given hereunder. The expression “Government” used in these conditions refers to the Government of the People’s Republic of Bangladesh.

1.3.1.1.2 Liability will not be accepted by Government or by any servant or agent of or serving under Government for any loss, damage, or injury by accident, fire, flood, tempest, explosion, or any other cause to aircraft and its parts or accessories or things therein or for any loss, damage or injury from whatever cause arising to passengers therein or any other person (including pilots, engineers or other personnel of aircraft) landing at or departing from or accommodate at any aerodrome owned by Government or to any person coming to or departing such an aerodrome, even if such loss, damage or injury is caused by or arises from negligence on the part of any servant or agent of Government or any defect in the aerodrome or any part of its equipment.

1.3.1.1.3 The use of any apparatus, such as tractors, cranes, chocks, mechanical starters, etc., belonging to or under the charge of Government, by the personnel of aircraft or any other person making use of the aerodrome shall be entirely at the risk of the person using such apparatus, and no liability will be accepted for any loss, damage or injury caused by, or arising out of the use of any such apparatus (whether under the control of management of any servant or agent of Government or otherwise) which may result in loss, damage or injury to the user thereof, or to any other person or thing. The use of any such apparatus being permitted on the express condition that Government shall be held indemnified by the user and owned of any aircraft concerned (jointly and severally) against all claims, losses and damages resulting from such use.

1.3.1.1.4 In the event of damage being done to Government property at a Government aerodrome by any person making use of the aerodrome, such person and the owner of any aircraft concerned will be jointly and severally liable for the damage.

1.3.1.1.5 The fees and charges for the landing, parking or housing of aircraft shall be those from time to time published by the Chairman, Civil Aviation Authority of Bangladesh. The fees and charges for any supplies or services which may be furnished to the aircraft at any aerodrome under the control of the Civil Aviation Authority by or on behalf of the Chairman, Civil Aviation Authority shall unless it is otherwise agreed before such fees or charges are incurred, be such reasonable fees and charge as may from time to time be determined by the Airport Manager for the aerodrome. The fees and charges referred to in this paragraph shall accrue from day to day and shall be payable to the Chairman, Civil Aviation Authority on demand.

1.3.1.1.6 The Chairman, Civil Aviation Authority shall have a lien on the aircraft, its parts and accessories, for such fees and charges as aforesaid.

1.3.1.1.7 If payment of such fees and charges is not made to the Chairman, Civil Aviation Authority within fourteen days after a letter demanding payment thereof, has been sent by post addressed to the registered owner of the aircraft, the Chairman, Civil Aviation Authority shall be entitled to sell, remove, destroy or otherwise dispose of the aircraft and any of its parts and accessories, and to apply the proceeds from so doing to the payment of such fees and charges.

1.3.2 LANDING MADE ELSEWHERE THAN AT ALTERNATE AIRPORTS.

1.3.2.1 If landing is made elsewhere than at an International Airport of designated alternate airport, the Pilot-in-Command shall report the landing as soon as practicable to the Health, Customs and Immigration authorities at the International Airport at which the landing was scheduled to take Place. This notification may be made through a radio Channel, if this method of communication is available or by telegram.

1.3.2.2 The Pilot-in-Command shall be responsible for ensuring that:-

(a) If pratique has not been granted to the aircraft at the previous landing, contact between other persons on the one hand and the passengers and crew on the other is avoided;

(b) that cargo, baggage and mail are not removed from the aircraft except as provided below:

(c) Any foodstuffs of overseas origin, or any plant material is not removed from the aircraft except where local food is unobtainable. All food refuse including peelings, cores, stones of fruits, etc., must be collected and returned to the galley refuse container, the contents of which should not be removed from the aircraft except for hygienic reasons, in which case they must be destroyed by burning or deep burial.

1.3.3 TRAFFIC OF PERSONS AND VEHICLES ON AERODROMES

1.3.3.1 Demarcation of Zones.

1.3.3.1.1 The grounds of each aerodrome are divided as follows;

(a) A public zone comprising the part of the aerodrome open to the public,

(b) A restricted areas comprising the rest of the aerodrome excluding particular areas,
(c) Particular Areas comprising ATS Unit, Communication Center, Hangars, Loading Platforms, Custom Area, Runways, Taxiways, Parking Aprons, Passengers Lounges.

1.3.3.2 Movement of Persons

1.3.3.2.1 Access to the Restricted Area is authorized only under condition prescribed by the Chairman, Civil Aviation Authority.

1.3.3.2.2 The Customs, Police and Health Inspection offices and the premises assigned to transit traffic are normally accessible only to passengers, to staff of the public authorities and airline and to authorized persons in pursuit of their duty.

1.3.3.2.3 The movement of persons having access to the restricted area of the aerodrome is subject to the conditions prescribed by the air traffic regulations and by the special rules laid down by the person responsible for the management of the aerodrome.

1.3.3.3 Movement of vehicles

1.3.3.3.1 The movement of vehicles in the restricted/particular areas is strictly limited to specially approved vehicles driven by persons carrying a Apron driving permit issued by the Airport Managers.

1.3.3.3.2 Drivers of vehicles, of whatever type, driving within the confines of the aerodrome must respect the direction of the traffic, the traffic signs and the posted speed limits and generally comply with the provisions of the highway code and instructions given by the competent authorities.

1.3.3.4 Policing and guarding of aircraft.

1.3.3.4.1 Care and protection of aircraft, vehicles, equipment and goods for which the aerodrome facilities are used are not the responsibility of the State or any concessionaire, who cannot be responsible for loss or damage which is not incurred through action by them or their agents.

1.3.3.4.2 Security Guards (Caretakers) are provided at all Government Civil Aerodromes. If a Pilot requires a Police Guard, he should apply to the local police Authorities and will have to pay all expenses thereof. Police Guards will only be supplied when they can be spared from other duties.

1.4 PHOTOGRAPHY

1.4.1 No person shall take or cause or permit to be taken from an aircraft owned by the Bangladesh Government, a photograph of any area of the territories of Bangladesh.

1.4.2 No person shall be permitted to carry in any aircraft, other than an aircraft owned by the Bangladesh Government a loaded camera.

1.4.3 At the time of emplaning a person in possession of a loaded camera shall unload it and deliver the same to the Pilot-in-Command of the aircraft who shall keep it for the duration of the flight in a place inaccessible to such person during the flight and shall return the same to that person on arrival at his destination.

1.5 CONDITIONS OF AVAILABILITY

1.5.1 Civil aircraft are not permitted to land at any aerodrome not listed in this AIP except in cases of extreme emergency or where special permission has been granted.

1.5.2 Request to operate outside the hours of operation at Civil aerodromes in Bangladesh, should be made to respective Airport Manager through F.I.C. Hazrat Shahjalal International Airport, Dhaka at least two hrs before airfields closure time.

1.5.3 During the monsoon, the side strips of Runways in Bangladesh become extremely soft, Pilots are therefore warned and advised not to use these strips except in emergency.

1.5.4 Limitations on the use of aerodromes.

1.5.4.1 Apron mass is restricted for aerodrome whose ACN is higher than corresponding runway PCN. Airline operators are required to submit trim sheet of the flights to PFIU within shortest possible time of flight departure. Restriction will remain valid till Runway condition is improved by CAAB. In case flight has to be operated at higher ACN value, CAAB shall be approached for prior approval.

1.5.4.2 Restricted to aircraft capable of maintaining two way radio communication with TWR, unless prior permission from the TWR has been obtained. Such permission will only be given in extraordinary cases.

2. **Applicable ICAO documents**

2.1 ICAO standards and Recommended Practices contained in Annex-14 are applied.

2.2 Differences from ICAO standards and recommended practices

Nil

3. **Maintenance of Aerodrome movement areas**

3.1 Responsibility
The relevant airport authority is responsible for maintaining the aerodrome in a satisfactory condition For flight operations and for assessing and reporting on runway conditions.

3.2 Clearance priorities
The following priorities have been established for the clearance of movement areas:
(a) Runway-in-use, run-up area, aprons and appropriate taxiways
(b) Dependent on circumstances, other runway and taxiways.

4. Dissemination of information on runways affected by standing water

4.1 If a runway is affected by standing at any time during the approach of an aircraft for landing, the depth and location of such standing water is notified by the aerodrome authority direct to ATS for transmission to the aircraft. If the duration of the phenomenon is likely to persist, and the information requires a wider distribution a NOTAM is issued.

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AD 1.2 RESCUE AND FIRE FIGHTING SERVICES AND SNOW PLAN

1. **Rescue and fire fighting services.**

1.1 Adequate rescue and fire-fighting vehicles, equipment and personnel have been provided at all aerodromes available for use by international commercial air transport. The scale of protection has been determined in terms of aerodrome category subject to the availability of equipment at certain aerodromes. The number of trained personnel available is also indicated. Each rescue & fire-fighting service is under the local Airport Manager. The extent of rescue & fire fighting acilities available for use at international and other airports is shown AD 2.6 Section.

2. **SNOW PLAN**

Bangladesh climate obviates the need for a snow plan.

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AD 1.3 INDEX TO AERODROMES

AERODROME INDEX				
1	2			3
AERODROME	I=International D=Domestic	IFR/VFR	S=Scheduled NS=Non-Scheduled P=Private	AIP Page (AD-2)
Hazrat Shahjalal Intl Airport, Dhaka	I, D	IFR/VFR	S, NS, P	VGHS
Shah Amanat. Intl Airport, Chattogram	I, D	"	"	VGEG
Osmani Intl Airport, Sylhet	I, D	"	"	VGSY
Barishal Airport	D	"	"	VGBR
Bogura Airport	D	"	"	VGBG
Cumilla Airport (STOL)	D	"	"	VGCM
Cox's Bazar Airport	D	"	"	VGCB
Ishurdi Airport	D	"	"	VGIS
Jashore Airport	D	"	"	VGJR
Lalmonirhat	D	"	"	VGLM
Shah Mokhdum Airport, Rajshahi	D	"	"	VGRJ
Saidpur Airport	D	"	"	VGSD
Shamshernagar Airport (STOL)	D	"	"	VGSH
Thakurgaon Airport (STOL)	D	"	"	VGSG
Tejgaon Airport, Dhaka	D	"	"	VGTJ

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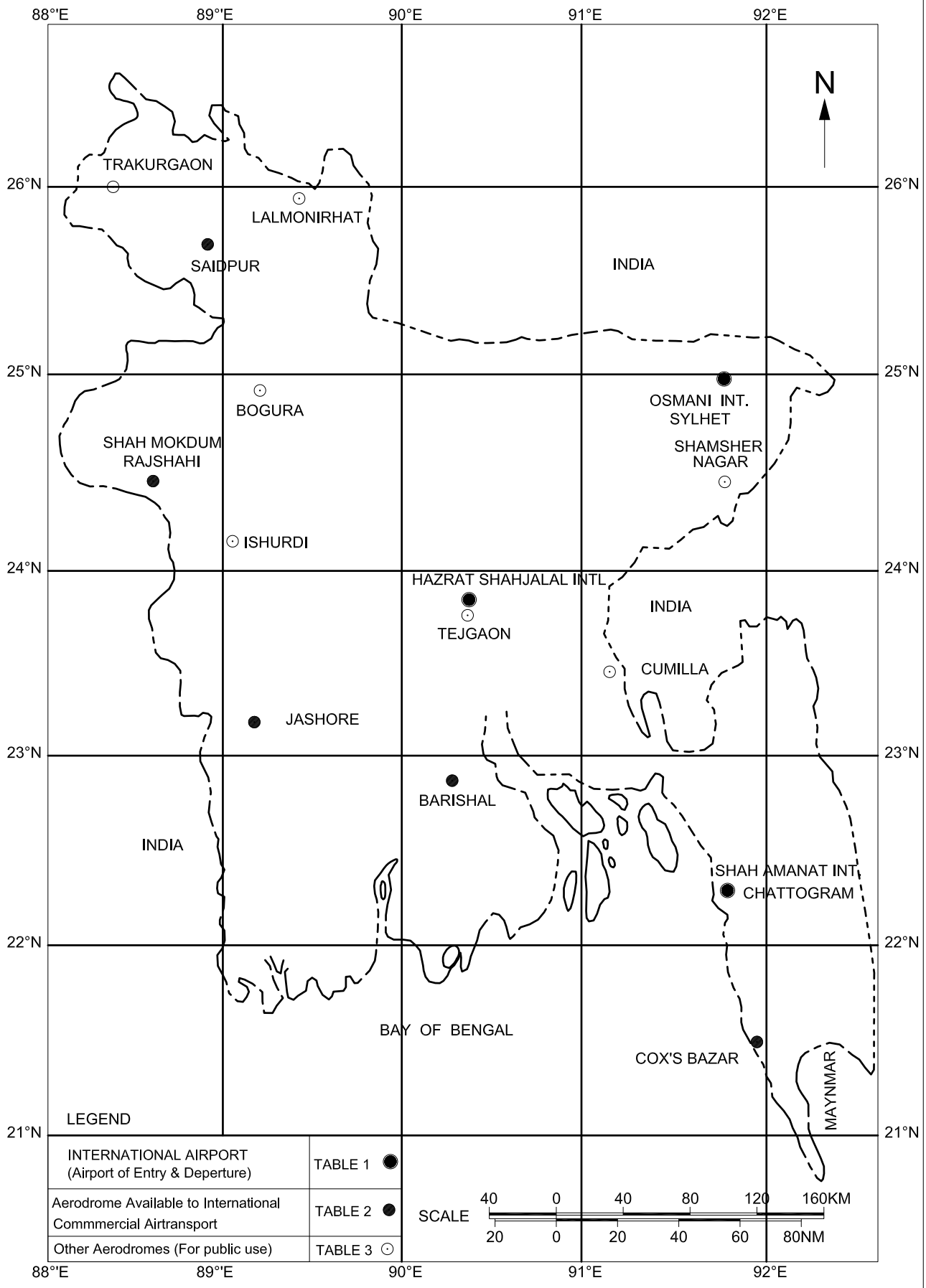
AERODROME INDEX



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AD 1.4 GROUPING OF AERODROMES

1. The criteria applied by Bangladesh in grouping aerodromes for the provision of information in this AIP is as follows:

1.1 **Primary/Major international aerodromes**

1.1.1 The aerodrome of entry and departure for international air traffic, where all formalities concerning customs, immigration, health, animal and plan quarantine and similar procedures are carried out and where air traffic services are available on a regular basis.

1.2 **Secondary/ Other international aerodrome**

1.2.1 Another aerodrome available for the entry of departure of international air traffic, where the formalities concerning customs, immigration, health and similar procedures and air traffic services are made available, on a restricted basis, to flights with prior approval only.

1.3 **National aerodrome**

1.3.1 An aerodrome available only for domestic air traffic.

AD 1.5 STATUS OF CERTIFICATION OF AERODROMES

A list of aerodromes in Bangladesh including the status of certification, including

1) aerodrome name and ICAO location indicator,
2) date if applicable, validity of certificate and remakes if any.

LIST OF INTERNATIONAL AERODROMES

Sl Nr	Name of aerodrome	ICAO Location indicator	Date of certificate issue /renewal date	Certificate validity		Remark	
				From	To		
1	Hazrat Shahjalal International Airport, Dhaka	VGHS	25/10/2024	27/10/2024	30/09/2026	Renewal	←
2	Shah Amanat International Airport, Chattogram	VGEG	27/10/2023	31/10/2023	30/10/2025	Renewal	
3	Osmani International Airport, Sylhet	VGSY	16/11/2024	18/11/2024	30/06/2026	Renewal	←

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AD 2. AERODROMES

VGHS AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGHS- HAZRAT SHAHJALAL INTERNATIONAL AIRORT, DHAKA.

VGHS AD 2-2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP Coordinates and site at AD	235036.05N 0902352.02E (Centre of the runway)
2.	Distance and direction from city	11NM (20km) north of Dhaka City (GPO)
3.	Aerodrome elevation Reference temperature	ELEV 26 ft (8M) T 35 ^{0}c (April)
4.	MAG VAR/ Annual change	1^{0}W (2020) (Annual change 1'W)
5.	Aerodrome administration, address, telephone, Telefax, AFS, E-mail.	Civil Aviation Authority of Bangladesh Postal Address: Executive Director Hazrat Shahjalal International Airport Kurmitola, Dhaka-1229, Bangladesh. Telephone:88-02- 8901449, 01894908010 Fax: 88-02- 8901450 Email : edhsia@caab.gov.bd
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGHS AD 2-3 OPERATIONAL HOURS

SL. NR.	Services	Hours
1.	Aerodrome Administration	0900 LT to 1700 LT Except Friday & Saturday
2.	Custom and Immigration	H24
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

VGHS AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	01 Mobile cranes 12 Container pallet loaders 09 Container pallet transporters 10 Belt loaders 22 Baggage tow tractors 50 Cargo/Baggage trolleys 145 Container trolleys/dollies 45 Hand trolleys 09 Fork lifters 01 Narrow Aisle stacker 75 Pallet Trolley
2	Fuel/Oil Types	Jet A-1 AVGAS 100LL, Pack drum
3	Fuelling facilities/Capacity	Hydrant dispenser, Bowser refueling for 24 hours.
4.	De-icing facilities	NIL requirement
5.	Hangar space for visiting aircraft	By arrangement with Biman Bangladesh Airlines (BBC)
6.	Repair facilities for visiting aircraft	Limited
7.	Remarks	Nil

VGHS AD 2.5 PASSENGER FACILITIES

1	Hotels	One 5 Star hotel at Nikunja (2 km towards city), Unlimited in Dhaka city.
2.	Restaurant accommodation	Limited at the Airport, Unlimited in Dhaka City
3.	Transportation available	Buses, Taxis and Trains to Dhaka City.
4.	Medical facilities	24 hours doctor avbl from Health Dept. Ambulance avbl 24 H, Hospitals and Clinic avbl within 1 NM.
5.	Banks	Available at Airport
6.	Tourist office	Available at Airport
7.	Post Office	Not available at Airport, but available at Hajj Camp (1KM)
8.	Remarks	International address: http://www.caab.gov.bd for any Information

VGHS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	CAT - 9
2.	Rescue equipment	AVBL to meet the ICAO requirement for CAT9
3.	Disabled Aircraft Removal	VGHS have MOU with Bangladesh Air force for disable aircraft removal and equipment of Biman Bangladesh Airlines ground handler for aircraft removal also used for all type of aircraft which are operating at HSIA, in case of aircraft disable within the airport other than the ditch surface.
4.	Remarks	Nil

VGHS AD 2.7 SEASONAL AVAILABILITY CLEARING2.7.1 The airport is available for all seasons. Side strips become unusable during monsoon. There is no requirement for clearing.

VGHS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron Surface and Strength	Apron (Main)	Surface: Rigid pavement, Strength: PCN 70/R/B/W/T
		Apron (North of Fire Station)	Surface: Rigid pavement, Strength: PCN 106/R/B/W/T
		Cargo Apron	Surface: Rigid pavement, Strength: Northern side: PCN106 /R/B/W/T Eastern side: PCN 80/R/B/W/T Western side: PCN 59/R/B/W/T
2.	Taxiway Width, Surface and Strength	C (Charlie) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 98/F/C/W/T
		T7 (Tango seven)-Portion of TWY C intersection with Apron	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 98/F/C/W/T
		T9 (Tango Nine) (Previous 'F')	Width: 23m & Shoulder 10.5m both side of the TWY. Surface: Flexible pavement, Strength: PCN 107/F/C/W/T
		T10 (Tango ten) (Previous 'E') Taxiway	Width: 32.6m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 148/F/B/W/T
		N (November) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 192/F/C/W/T
		S (Sierra) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 162/F/B/W/T
		N1 (November One) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement Strength: PCN 125/F/C/W/T
		N2 (November two) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 167/F/C/W/T
		S1 (Sierra One) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Asphalt pavement, Strength: PCN 191/F/C/W/T
		S2 (Sierra two) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 231/F/C/W/T
		S3 (Sierra Three) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 162/F/B/W/T
3.	Altimeter checkpoint location and elev.	Not designated	
4.	VOR checkpoints	330° 2.1NM ('N2'TWY Holding); 331°55′ 1.2NM ('C'TWY Holding); 336° 0.7NM ('S2'TWY Holding) & 345° 0.4NM ('S3'TWY Holding) Freq. 112.7MHz.	
5.	INS checkpoints	Nil	

VGHS AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

1	Use of aircraft stand ID signs, TWY guidelines and visual docking/parking guidance system of aircraft stands; Boarding **Bridges:** Tow bar:	Taxiing guidance signs at all intersections with TWY and RWY at all holding positions, guidelines at apron, nose-in guidance at aircraft stands. **8(eight)** boarding bridges are available at stands nrs. 4, 5, 6, 7, 8, 9, 10 & 11 for passenger's use and can accommodate acft fm A320 up to B747 in size. Due to parking and maneuvering problem, all ACFT with wing-span more than 80ft operating to/fm Hazrat Shahjalal International Airport are required to have tow bar for pushback.
2.	RWY and TWY markings and LGT	RWY: 14/32 RWY marking aids: THR, TDZ, Centre line, Fixed distance, Side strip, RWY designator all runways. RWY LGT: RCLL, REDL, RTHL with Wing- bar, RENL, RTZL. TWY marking aids: AVBL on TWY holding position, TWY centre line at all taxiways. TWY EDGE LGT: AVBL at all curves TWY centre line LGT: AVBL at all TWYs Intermediate Holding Position LGT: AVBL (Yellow)
3	Stop bars	TWY Stop bar LGT: Avbl at all TWY holding position.
4.	Remarks	NIL

VGHS AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas	In circling area and at AD
Consult AOC type-A, Hazrat Shahjalal Intl. Page VGHS AD 2-17	Obstruction in the circling area and aerodrome are shown on the instrument approach chart and page VGHS AD 2-11. Obstructions are provided with day marking and obstruction lights where applicable.

VGHS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated Met office	Main Met Office (MMO), Hazrat Shahjalal Intl. Airport (VGHS)
2	Hours of service	H24
3	Office responsible for TAF preparation Periods of validity	MMO, Hazrat Shahjalal Intl. (VGHS) 6, 12
4	Type of landing forecast Interval of issuance	TREND
5	Briefing/ consultation provide	P.D. T
6	Flight documentation Languages used	C.PL English
7	Charts and other information available for briefing or consultation	S, U
8	Supplementary equipment available for providing information	WXR
9	ATS units provided with information	Dhaka ACC/FIC; APP; TWR
10	Additional information	Tel: 880-2-8901013 (Met office)

VGHS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR ELEV and highest ELEV of TDZ (ft)	Slope of RWY – SWY
1	2	3	4	5	6	7
14	143.71^0	3200x45	111/F/C/X/T Asphalt concrete	235118.08N 0902318.67E	**26**	Nil
32	323.71^0	3200x45	111/F/C/X/T Asphalt concrete	234954.05N 0902425.38E	**26**	Nil

Designator RWY NR	RESA	STRIP(m)	Remarks
1	8	9	10
14	90 X 90 m	3710 X 280	Nil
32	90 X 90 m	3710 X 280	

Designator RWY NR	SWY Dimensions(m)	CWY Dimensions(m)	OFZ	Remarks
1	11	12	13	14
14	240x45	425x150	Within the CWY	25 ft (8M) brick soiling with bitumen carpeting shoulder at both sides of RWY.
32	150x45	300x150		

VGHS AD 2.13 DECLARED DISTANCES

1	2	3	4	5	6	Remarks
RWY Designator	TORA(m)	TODA(m)	ASDA(m)	LDA(m)	RESA(m)	Due to Length reduction of SWY
14	3200	3625	3440	3200	90	
32	3200	3500	3350	3200	90	

VGHS AD 2-14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type LEN INTST	THR LGT Color WBAR	PAPI (VASIS) Angle MEHT	TDZ LGT LEN	RWY Centre Line LGT Length, Spacing, Color INTST	RWY edge LGT LEN, Spacing, color INTST	RWY END LGT Color	SWY LGT Length Colour	Remarks
1	2	3	4	5	6	7	8	9	10
14	High Intensity approach lighting (900M) distance coded centerline lights showing variable White and crossbars at 150M, 300M, 450M, 600M and 750M. Red Side Row Barrettes.	Green Supplemented by Green Wing-bar	PAPI 3^0 LEFT 67FT	White 900M.	3200M. 30M Inset High Intensity centerline lights as follows: From THR to 900M from RWY end: White, 300M to 900M from RWY end: ALTN Red /White, 300M to RWY end: RED	3200M. 60M. High Intensity White/Amber edge lights as follows: From THR to 600M from RWY end: White 600M to RWY end: Amber	Red	150M Red	Nil
32	Simple approach Lighting system. 420M	Green supplemented by Green Wing-bar	PAPI 3^0 LEFT 65FT	Nil	3200M. **30M**. Inset High Intensity centerline lights as follows: from THR to 900M from RWY end: White, 300M to 900M from RWY end: ALTN Red/ White, 300M to RWY end: Red	3200M. 60M. High Intensity White/ Amber edge lights as follows: from THR to 600M from RWY end White, 600M to RWY end: Amber	Red	240M Red	Nil

VGHS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN Location, Characteristics and hours of operation	ABN:235057.20N 0902413.24E(over control TWR) Altn W/G every 5 sec (hours: HN & VIS< 5 Km) W500 G75
2	LDI location and LGT Anemometer location and LGT	Nil Cup anemometer over control TWR, windsocks end of RWY 14(Lighted)/32 and in the middle of RWY.
3	TWY edge and center line lighting	Blue lights on TWY curved edges and green centerline lights on all TWYs
4	Secondary power supply/switch over time.	CAT-I During main power supply failure, Automatic standby generator power supply available for Precision Approach 14, Simple Approach 32, PAPI RTHL, RENL, REDL, RCLL, RTZL, RETIL, TWY CL, TWY Edge LGT, Intermediate Holding position LGT, Guard LGT, Turn pad Edge LGT, Taxing Guidance sign & Apron Flood lights within 15 seconds.
		CAT-II: During main power supply failure, Switch over time of power supply through online UPS for Precision Approach 14, RCLL, RTZL, RTHL, RENL, all stop bars within 1 second. And other AGL system within 15 seconds through Automatic standby generator.
5	Remarks	Apron lights: High intensity flood lights, Turn pad 32 end: Blue color Edge LGT Available Gurd Light: AVBL at Night.

VGHS AD 2.16 HELICOPTER LANDING AREA
As directed by ATC

VGHS AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	Dhaka Control Zone
	Lateral limits	A circle of 25 NM radius centered at Dhaka VOR (234927.42N 0902446.52E) except that portion which falls north of the straight-line joining points 241147N 0903550E and 241147N 0901350E
2	Vertical limits	GND to FL055
3	Airspace Classification	C
4	ATS Unit call sign Language	Dhaka Tower English
5	Transition altitude	6000 ft AMSL
6	Hours of applicability (or activation)	H24
7	Remarks	Nil

1	Designation	Aerodrome Traffic Zone (ATZ)
	Lateral limits	ATZ is oval shaped area joining outer tangents of 5NM (9 km) radius circles centered at the RWY centre and both ends of RWY
2	Vertical limits	4000ft
3	Airspace Classification	C
4	ATS Unit call sign Language	Dhaka Tower English
5	Transition altitude	6000ft AMSL
6	Hours of applicability (or activation)	H24
7	Remarks	Nil

VGHS AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service Designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
ACC	Dhaka Control	125.700 MHz	FM 1400 to 0200 UTC (next day)	EMERG FREQ 121.500MHz
ACC (Upper)	Dhaka Control	PRI 125.700 MHz SRY 129.700 MHz	H24	FL285 TO FL460
ACC (Lower)	Dhaka Control	PRI 126.700 MHz SRY 130.700 MHz	FM 0200 to 1600 UTC	GND TO FL285
TWR (Aerodrome and Approach Control (Non–Radar)	Dhaka Tower	PRI 118.300 MHz SRY 119.300 MHz	H24	EM: A3
APP (Radar)	Dhaka Approach	PRI 121.300 MHz SRY 120.375 MHz	H24	Jurisdiction: Dhaka Control Zone and part of Dhaka TMA upto FL 155
SMC	Dhaka Ground	121.800 MHz	H24	NIL
Air Ground	Dhaka Radio	3491 kHz, 6556 kHz, 10066 kHz, 2947 kHz	H24	MWARA (3491,6556,10066) kHz RDARA (2947) kHz EM: A3 coordinate: 235057.20N 0902413.24E
ATIS	Dhaka Information	127.400 MHz	H24	Nil

VGHS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid	Ident	Freq	Opr hr	Position of transmitting antenna Coordinates	Elev of DME Transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	DAC	112.700 MHz	H24	234927.4N 0902446.5E		144 ^{0} MAG, 1012 M FM THR RWY 32 EM: A2
DME	DAC	1161 MHz	H24	234927.4N 0902446.5E	57ft AMSL	144^{0} MAG, 1012 M FM THR RWY 32 EM: A9
ILS/LOC RWY 14	IDA	109.500MHz	H24	234940.0N 0902436.5E		145^{0} MAG, 550m FM THR RWY 32 EM: A2
ILS/GP RWY 14	-	332.600 MHz	H24	235112.7N 0902328.6E	50 ft	Glide slope 3^{0}, 130M off set to east of Rwy central line and 300M inward FM Rwy THR 14. RDH 51ft, EM:A3
ILS/DME RWY 14	-	RX-1056 MHz, RPLY-993 MHz	H24	235112.7N 0902328.6E		Co-located With GP-14
LO	DA	375 kHz	H24	235558.4N 0901936.5E		324^{0} MAG, 5.8NM FM THR RWY 14 EM:A2
ILS/LOC RWY 32	DHA	108.500MHz	H24	235126.7N 0902312.0E		324^{0} MAG AND 310m FM THR RWY 14 EM: A2
ILS/GP RWY 32	-	329.900 MHz	H24	235004.6N 0902422.8E	50 ft	Glide slope 3^{0}, 130M off set to east of RWY central line and 305M inward FM THR 32. RDH 52ft, EM:A3
ILS/DME RWY 32	-	RX-1046 MHz, RPLY-983 MHz	H24	235004.6N 0902422.8E		Co-located With GP-32

VGHS AD 2.20 LOCAL TRAFFIC REGULATIONS
Prior approval to be obtained from ATC
VGHS AD 2.21 NOISE ABATEMENT PROCEDURES

1. SIDs are designed to make all take-off noise abated.

VGHS AD 2.22 FLIGHT PROCEDURES

NIL
VGHS AD 2.23 ADDITIONAL INFORMATION

1. Aerodrome Reference Code: 4E
2. Bird Concentrations:
Bird concentrations may exist on or in the vicinity of Hazrat Shahjalal International Airport, Dhaka due to low lying area around the airfield. Bird shooters are deployed on the maneuvering area to reduce the bird hazard. Moreover, necessary information about the location of birds, if visible, is transmitted to the pilots by Aerodrome Control Tower. However, pilots are requested to exercise caution while approaching to land & takeoff.

3. Additional Information:

(a) There is an open-air storm water drain on the western side strip of the runway almost along the full length of the runway at a distance of 105-120m from the center line of the runway. Pilot to exercise caution during landing and take-off especially when runway is wet and strong cross wind from NE. In support, an aeronautical study for the water drain was done.
(b) There are 2(two) arresting barriers located at distance of 57 m and 117 m respectively from ends of runway 14 and runway 32 (within runway strips) and barrier base of height 2(two) ft from the surface, located 31m away on each side of the extended center line of the runway. Pilots have to exercise caution during landing and take-off especially when runway is wet and strong wind from NE. In support, an aeronautical study for the water drain was done.

4. Probable Measure to Reduce RT Communication:
(a) Post Landing Communication: After landing all aircraft will vacate the runway by available taxiway or by ATC instructions and change to Dhaka Ground frequency except the low visibility operation. During the low visibility operation, pilots have to report the runway vacation.

(b) Pre-Departure Communication: All departing aircraft will change to Tower frequency when reaching the runway holding point or in sequence on the runway holding point.

LIST OF HIGH MAST/ TOWER/ BUILDING/ BARRIER/ ANTENNA AROUND HAZRAT SHAHJALAL INTERNATIONAL AIRPORT, DHAKA

SL No	Name of the significant obstacles/obstructions	Co-ordinates Of the Obstacle	True Bearing FM REF point	Dist (m) FM Ref Point	Elevation AMSL (FT)	LGT
1	DVOR Mast	234927.41N 902446.52E	143.86	2611	51.03	Yes
2	Control Tower	235057.18N 0902413,24E	026^0	1376	102	Yes
3	Water Tank, CAAB HQs	235116.08N 0902413.56E	026^0	1376	162	Yes
4	T.V. Tower, Rampura	234555.75N 902523.53E	135.035	9001	443.02	Yes
5	Tower at Army HQ Building, Dhaka Cantonment	234825.79N 902402.38E	175.81	4019	227	Yes
6	Tower at Naval HQ Building, Banani	234808.57N 902415.37E	171.71	4593	216	Yes
7	Tower at BTCL Office, Mogbazar.	234453.27N 902429.14E	174.31	10593	341	Yes
8	Wireless Mast at Mirpur Radio Centre.	234650.01N 902123.52E	211.16	8130	223	Yes
9	Wireless Mast at Savar Radio Centre.	235146.87N 901555.98E	279.21	13649	432	Yes
10	Wireless Mast at Nayarhat Radio Centre.	235422.99N 901156.15E	289.06	21428	683	Yes
11	Tower at Pallabi, Mirpur.	234931.66N 902135.22E	242.91	4352	213	Yes
12	Tower at Auchpara/Khortail, Tongi.	235512.09N 902308.26E	351.71	8575	217	Yes
13	Antenna at RAB-1, Uttara.	235127.83N 902413.53E	020.9	1704	262	Yes
14	Hotel Le Meridian, Nikunja-2	235011.93N 902504.17E	109.97	2167	216	Yes
15	Hotel Westin, Gulshan-2	234735.80 N902453.10 E	162.89	5815	365	Yes
16	Radio Mast, RAB- 4 (Paikpara), Mirpur	234708.99N 902125.55E	213.07	7593	266	Yes
17	Tower on Concord Regency, Panthapath	234508.67N 902256.39E	188.89	10186	264	Yes
18	CRP Hospital, Mirpur	234814.0N 902314.7E	193.59	4496	227	Yes
19	Queen Mary College, KA-90, Kuril	234906.5N 902515.9E	139.25	3637	166	-
20	ABC Heritage, Uttara	235139.5N 902356.0E	003.3	1955	194	Yes
21	Garden Tower, Paribagh	234432.3N 902339.3E	181.84	11197	230	Yes
22	Syed Centre, Rd#35, Sector-7, Uttara	235216.10N 902400.40E	004.41	3087	219	Yes
23	A.H.Tower, House- 35, Sector-3, Uttara, Dhaka	2352 00.6 N 902358.5 E	004.03	2607	232	Yes

SL No	Name of the significant obstacles/obstructions	WGS Co-ordinates		Elevation AMSL		LGT
		Latitude	Longitude	Feet	Meter	
24.	BNS Centre, Rd#35, Sector-7, Uttara	235215.40 N	902400.30 E	255	77.72	Yes
25.	Nitol Niloy, 42/69, Nikunju 2, Khilkhet.	235004.50 N	9025 06.30 E	186	56.69	Yes
26.	Lotas Kamal Tower, Nikunju 2, Khikhet.	234958.70 N	902507.80 E	204	62.18	Yes
27.	Rajuk Trade Centre, Nikunju-2, Khilkhet.	234946.20 N	902509.80 E	203	61.88	Yes
28.	Malovika, Staff Quarter, Zia Colony, Dhaka Cant.	234902.90 N	902412.50 E	214	65.22	Yes
29.	Sarnalata Staff Quarter, Staff Road, Dhaka Cant.	234839.20 N	902415.80 E	184	56.08	Yes
30.	Galf High, Banani	234801.90 N	902410.30 E	197	60.05	Yes
31.	H.B. Tower, Prime Asia University, Banani.	234736.90 N	902411.50 E	207	63.09	Yes
32.	Star Tower, Kamal Ataturk Avenue, Banani.	234738.00 N	902412.40 E	197	60.05	Yes
33.	Bashati TowerH#15, Rd#17, Banani.	234736.50 N	902413.40 E	203	61.88	Yes
34.	Safura Tower, Kamal Ataturk Avenue, Banani.	234735.80 N	902414.60 E	248	75.59	Yes
35.	F. R Tower, Kamal Ataturk Avenue, Banani.Dalta Dahlia, Kamal Ataturk Avenue, Banani.	234737.90 N	902416.40 E	248	75.59	Yes
36.	Dalta Dahlia, Kamal Ataturk Avenue, Banai.	234739.10N	902416.70 E	240	73.15	Yes
37.	BuluOcen Tower, 40 Kamal Ataturk Avenue, Banani.	234738.60 N	902419.60 E	296	90.22	Yes
38.	Abedin Tower, Rd-17, Banani.	234735.70 N	902419.90 E	201	61.27	Yes
39.	Iqbal Centre, Kamal Ataturk Avenue, Banani.	234737.00 N	902420.60 E	217	66.14	Yes
40.	Awal Tower, Kamal Ataturk Avenue, Banani.	234737.50 N	902418.20 E	274	83.51	Yes
41.	Rupsha Tower, Banani.	234736.80 N	902411.00 E	202	61.57	Yes
42.	Sher Tower, H#13/B, Rd#17, Banani.	234736.50 N	902412.70 E	214	65.22	Yes
43.	Hotel Sarina, Banani.	234736.20 N	902416.10 E	258	78.63	Yes
44.	Bashata Horizon, H#21, Rd#17, Banani.	234736.30 N	902414.90 E	225	68.58	Yes
45.	Century Tower, Banani.	234736.30 N	902415.30 E	258	78.64	Yes
46.	BTA Tower, Rd#17, Banani.	234736.00 N	902417.60 E	228	69.50	Yes
47.	Sweet Dream Hotel, 62/1 Kamal Ataturk Avenue, Banani.	234736.40 N	902426.90 E	208	63.40	Yes
48.	Landmark, House#12/14, Gulshan-2	N 234742.60	902449.30 E	211	64.31	Yes
49.	P.B.L Tower, House#39, Gulshan.	N 234740.50	902447.40 E	227	69.19	Yes
50.	Mariam Tower-1, 78/3, Nikunja-2, Khilkhet	234738.60 N	902548.00 E	251	76.51	Yes
51.	Red Crescent Concord Tower, H# 17, Mohakhali.	234651.90 N	904649.20 E	253	77.12	Yes

52.	Mohakhali Tower, H#82, Mohakhali	234651.40 N	902414.00 E	265	80.77	Yes
53.	Medona Tower, H#28, Mohakhali.	234651.80 N	902417.10E	224	68.28	Yes
54.	Rupayon Center, H# 72, Mohakhali	234649.30N	902421.20E	278	84.73	Yes
55.	Nitol Center, H # 71, Mohakhali	234649.30 N	902421.90 E	222	67.67	Yes
56.	IL Engineers Bhaban, H#69, Mohakhali.	234649.10 N	902423.20 E	300	91.44	Yes
57.	Square Center, HH#48, Mohakhali	234650.40 N	902425.70 E	261	79.55	Yes
58.	BRAC University, H#66, Mohakhali	234648.00 N	902425.70 E	265	80.77	Yes
59.	BAY, H#50, Mohakhali.	234649.80 N	902427.30 E	267	81.38	Yes
60.	Kaderia Tower, 28/8-B, Mohakhali	234649.70 N	902436.90 E	208	63.40	Yes
61.	BRAC Center, H# 75, Mohakhali	234647.70 N	902436.70 E	288	87.78	Yes
62.	Rangs Water Front, H#1, Gulshan1	234652.60 N	902442.90 E	234	71.32	Yes
63.	GulshanVill, H#3, Gulshan-1	234653.10 N	902447.50 E	209	63.70	Yes
64.	Navana Tower, H#45, Gulshan-1	234448.90 N	902500.60 E	314	95.71	Yes
65.	Jabbar Tower, H#42, Rd#135, Gulshan-1	234646.80 N	902500.90 E	245	74.68	Yes
66.	F & I Tower, H#220/A/1, West Kafrul.	234715.50 N	902237.90 E	141	42.98	Yes
67.	P.R.Tower, H#924/1, Shewrapara.	234729.50 N	902231.60 E	142	43.28	Yes
68.	Arabian Tower , H#849/3, Shewrapara.	234723.20 N	902234.60 E	138	42.06	Yes
69.	Youth Group, H#822/2, East Kafrul.	234719.20 N	902235.90 E	159	48.46	Yes
70.	MisamiBitopi, H#822/3, East Kafrul.	234718.50 N	902236.50 E	167	50.90	Yes
71.	DGFI Office, Kachukhet, Dhaka Cant.	234725.90 N	902318.10 E	239	72.85	Yes
72.	IDB Bhaban, E/8, Agargaon.	234642.60 N	902245.80 E	320	97.54	Yes
73.	LGED-RDEC BhabanAgargaon.	234641.10 N	902240.30 E	219	66.75	Yes
74.	Asha Tower, 23/3, Shyamoli.	234624.30 N	902200.00 E	205	62.48	Yes
75.	BijoySharoni, Tower, 121/3, Tejkunipara	234550.20 N	902323.00 E	155	47.24	Yes

1. STANDARD INSTRUEMENT DEPARTURES (SIDs)-HSIA. DHAKA

All take-off shall be noise abated.
Factors common to all SIDs are:

i) The radials shall be reference to the Dhaka VOR

ii) Aircraft should intercept their cleared track by 10 DME Dhaka.

iii) All references to altitude shall be QNH.

DEPARTURE RUNWAY 14

ATS route Designator	TMA Boundary Designator	SID Designator	Routing after take- off
W1	NIKLI	NIKLI ONE	Maintain Runway heading to 1000 ft then turn left to intercept the 050 radial.
		NIKLI ONE ALFA	Maintain Runway heading to 2000 ft then turn left to intercept the 050 radial.
G463	ADMIL	ADMIL ONE	Intercept the 141 radial.
A462	IKOGU	IKOGU ONE	Maintain Runway heading to 1000 ft then turn right and cross radial 175 at or above 2000 ft to intercept 237 radial.
		IKOGU ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept 237 radial.
W2	IBANU	IBANU ONE	Maintain Runway heading to 1000 ft then turn right and cross radial 175 at or above 2000 ft to intercept 243 radial.
		IBANU ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept 243 radial.
G463	IDLOX	IDLOX ONE	Maintain Runway heading to 1000 ft then turn right and cross radial 175 at or above 2000 ft to intercept 290 radial.
		IDLOX ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept 290 radial.
W3	TEGAK	TEGAK ONE	Maintain Runway heading to 1000 ft then turn right and cross radial 175 at or above 2000 ft to intercept 305 radial.
		TEGAK ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept 305 radial.
W9	KAKBO	KAKBO ONE	Maintain Runway heading to 1000 ft then turn right and cross radial 175 at or above 2000 ft to intercept **186 radial.** ←
		KAKBO ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept **186 radial.** ←
W14	NUPUR	NUPUR ONE	Intercept the 150 radial.
		NUPUR ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept 150 radial.

DEPARTURE RUNWAY 32

ATS route Designator	TMA Boundary Designator	SID Designator	Routing after take off
W1	NIKLI	NIKLI TWO	Maintain Runway heading to 1000ft then turn right to intercept the 050 radial.
G463	ADMIL	ADMIL TWO	Maintain Runway heading to 1000ft then turn right to intercept the 141 radial.
W3	TEGAK	TEGAK TWO	Maintain Runway heading to 1000ft then turn left to intercept the 305 radial.
A462	IKOGU	IKOGU TWO	Maintain Runway heading to 1000ft then turn left to intercept the 237 radial.
W2	IBANU	IBANU TWO	Maintain Runway heading to 1000ft then turn left to intercept the 243 radial.
G463	IDLOX	IDLOX TWO	Maintain Runway heading to 1000ft then turn left to intercept the 290 radial.
W9	KAKBO	KAKBO TWO	Maintain Runway heading to 1500ft then turn left to intercept the **186** radial.
W14	NUPUR	NUPUR TWO	Maintain Runway heading to 1500ft then turn left to intercept the 150 radial.

2. SPEED LIMITATION FOR ARRIVING AIRCRAFT.

IFR Flight: - N/A

VFR Flight: - 250 KT IAS below 3050m (10,000ft) AMSL.

VGHS 2.24 CHARTS RELATED TO HAZRAT SHAHJALAL INTL AIRPORT

ICAO CHARTS		
NR	Chart Type	Page NR (VGHS)
1.	Aerodrome Chart	AD 2-15
2.	Aerodrome Obstruction Chart	AD 2-17
3.	Parking Chart	AD 2-16
4.	Instrument Approach Chart	AD 2-23 to AD 2 – 49

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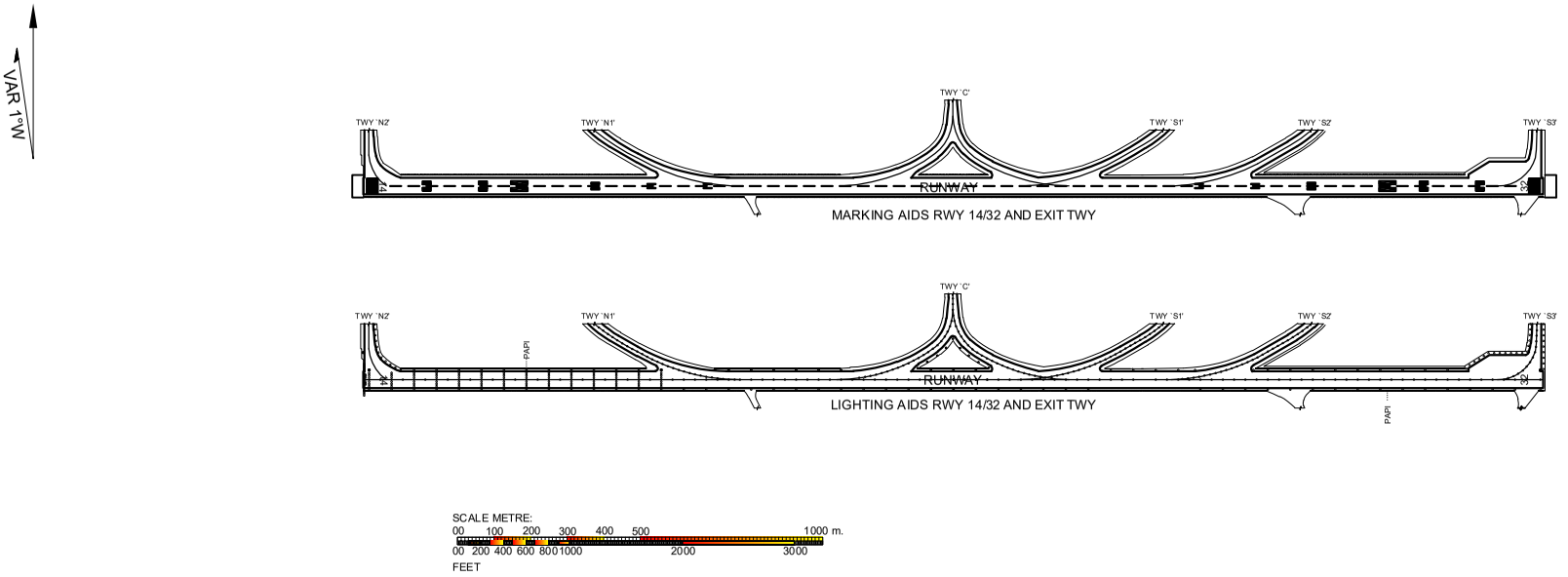
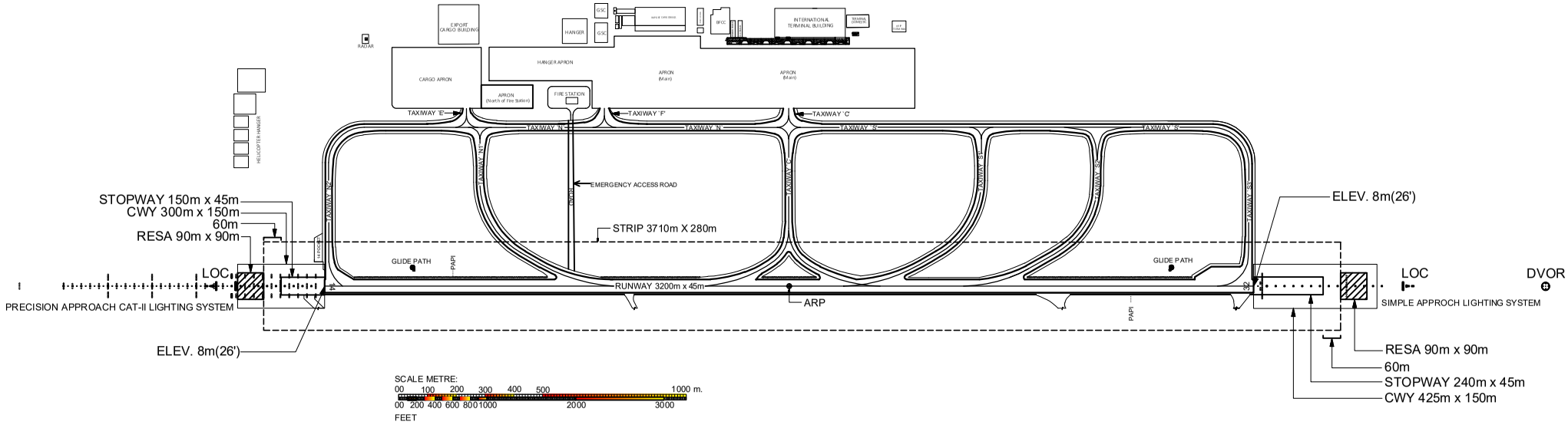
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT, DHAKA (VGHS)
DHAKA, BANGLADESH

AERODROME CHART-ICAO

MAGNETIC VARIATION 1° W





CHANGE : THR ELEV

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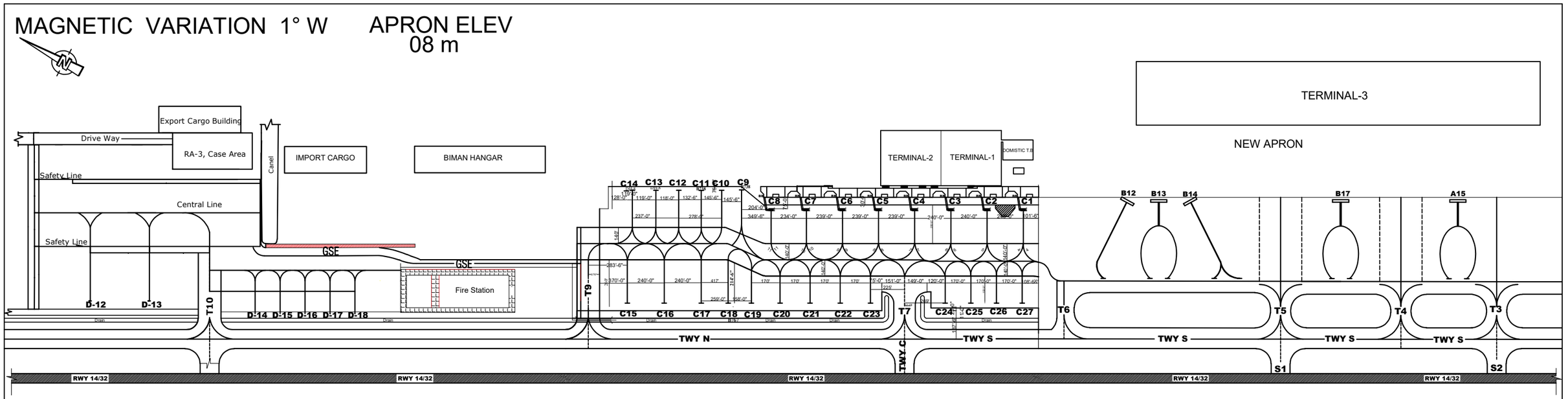
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT, DHAKA

AIRCRAFT PARKING / DOCKING CHART

MAGNETIC VARIATION 1° W

APRON ELEV
08 m



Bay No.	Latitude	Longitude
D14	23°51'15.60" N	90°23'47.80" E
D15	23°51'14.80" N	90°23'48.40" E
D16	23°51'13.80" N	90°23'49.10" E
D17	23°51'13.20" N	90°23'49.70" E
D18	23°51'12.30" N	90°23'50.40" E
D12	23°51'21.40" N	90°23'43.70" E
D13	23°51'19.50" N	90°23'45.20" E

BAY NO.	Latitude	Longitude
C1	235045.12N	0902420.48E
C2	235048.00N	0902418.00E
C3	235048.95N	0902417.40E
C4	235050.87N	0902415.88E
C5	235052.79N	0902414.35E
C6	235054.71N	0902414.83E
C7	235056.62N	0902411.31E
C8	235058.53N	0902409.79E
C9	235100.86N	0902409.51E
C10	235102.40N	0902408.28E
C11	235104.24N	0902406.18E
C12	235101.42N	0902407.70E
C13	235105.70N	0902454.30E
C14	235105.59N	0902404.43E

BAY NO.	Latitude	Longitude
C15	235102.50N	0902358.50E
C16	235100.70N	0902400.00E
C17	235058.60N	0902401.50E
C18	235056.90N	0902402.90E
C19	235055.40N	0902404.00E
C20	235054.00N	0902405.10E
C21	235052.80N	0902406.30E
C22	235051.40N	0902407.20E
C23	235050.00N	0902408.40E
C24	235045.90N	0902411.40E
C25	235044.70N	0902412.50E
C26	235043.30N	0902413.50E
C27	235041.90N	0902414.70E

Bay No.	Latitude	Longitude
B12	23°50'38.60" N	90°24'23.30" E
B13	23°50'37.40" N	90°24'24.50" E
B14	23°50'36.20" N	90°24'25.60" E
B17	23°50'30.90" N	90°24'29.70" E
A15	23°50'26.10" N	90°24'33.40" E

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AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

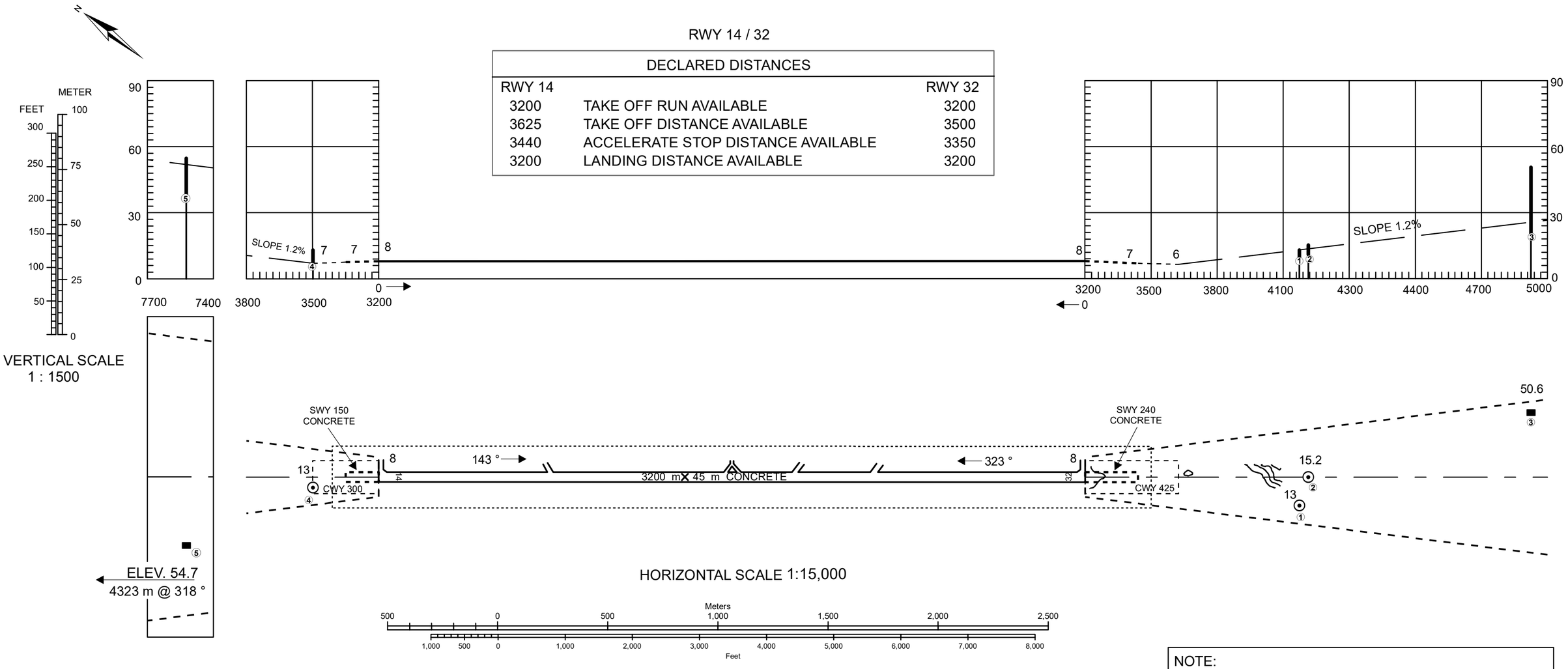
DIMENSIONS AND ELEVATIONS IN METERS

DHAKA / HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

MAGNETIC VARIATION 1 ° W - JAN 2020

RWY 14 / 32

DECLARED DISTANCES		
RWY 14		RWY 32
3200	TAKE OFF RUN AVAILABLE	3200
3625	TAKE OFF DISTANCE AVAILABLE	3500
3440	ACCELERATE STOP DISTANCE AVAILABLE	3350
3200	LANDING DISTANCE AVAILABLE	3200



Legend	
IDENTIFICATION NUMBER	①
POLE, TOWER, SPIRE, ANTENNA, ETC	⊙
BUILDING OR LARGE STRUCTURE	■
TERRAIN CONTOUR	~
STOPWAY	▭
CLEARWAY	▭

ID. NO.	OBJECT NAME	LATITUDE	LONGITUDE	DISTANCE
01	MLAT ANTENNA	23° 49' 25.900" N	90° 24' 42.500" E	973.9
02	DVOR MAST	23° 49' 27.420" N	90° 24' 46.520" E	1014.1
03	PROVIDENCE	23° 49' 6.500" N	90° 25' 15.900" E	2025.4
04	MLAT ANTENNA	23° 51' 24.984" N	90° 23' 11.004" E	298.2
05	BGMEA UNIVERSITY	23° 53' 5.500" N	90° 21' 39.700" E	4323.4

NOTE:

* VERTICAL DATUM USED - MEAN SEA LEVEL

* CONSIDERING APPROACH LIGHTS AND ILS ANTENNA AS FRANGIBLE ARE NOT SHOWN ON THE CHART

ORDER OF ACCURACY
HORIZONTAL 00 m
VERTICAL 00 m

AMENDMENT RECORD		
No.	DATE	ENTERED BY

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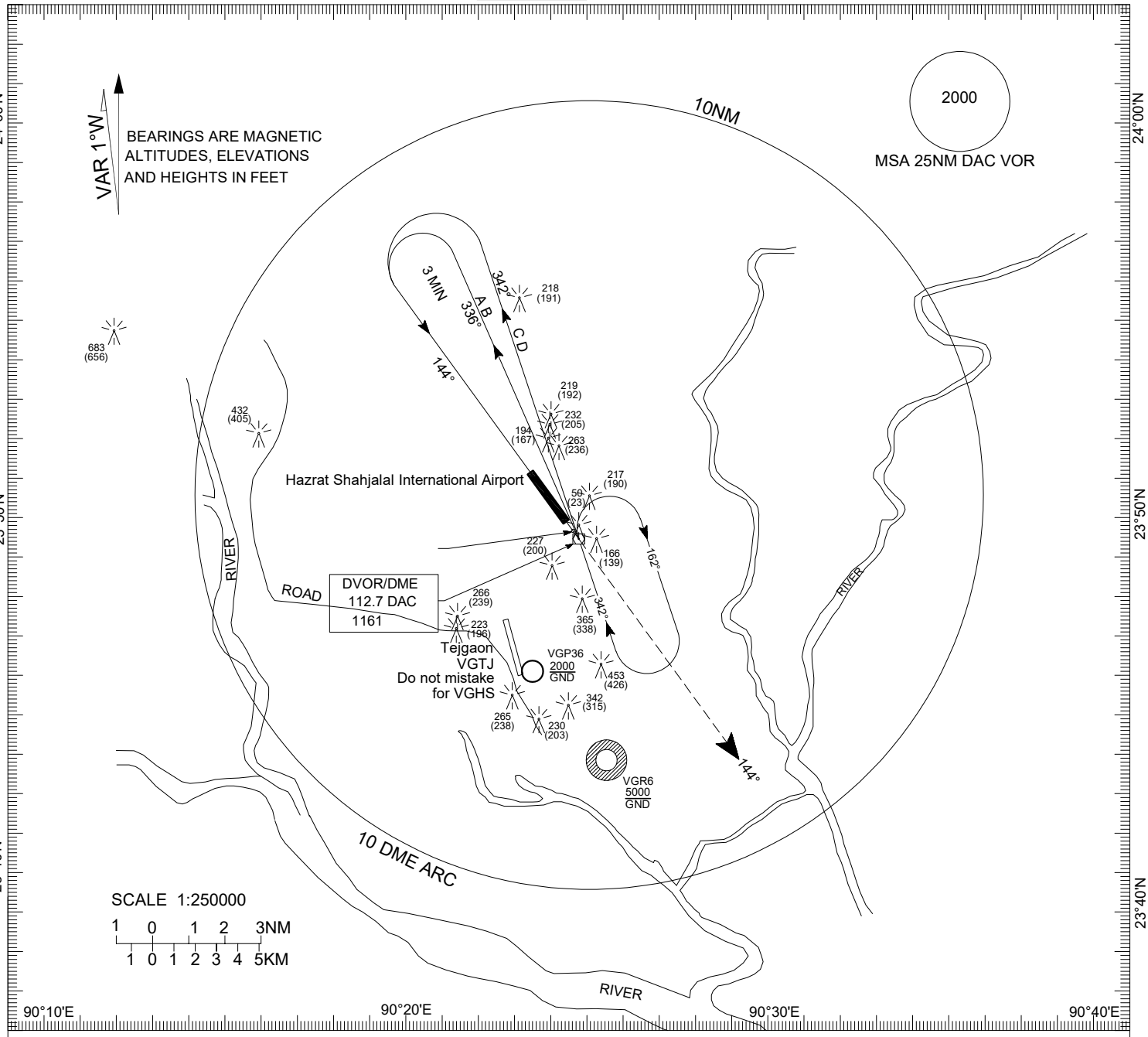
INSTRUMENT
APPROACH CHART
CHART-ICAO

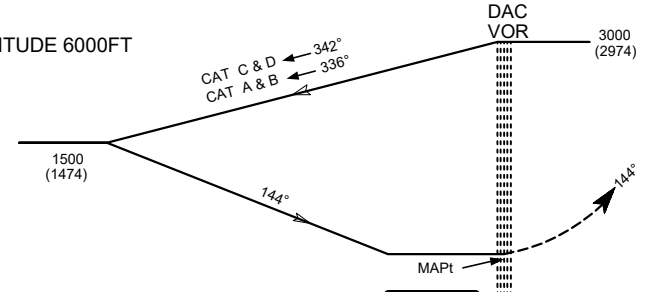
ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR RWY 14



TRANSITION ALTITUDE 6000FT



MISSED APPROACH
CLIMB TO 2000FT/610M ON
TRACK 144° CONTACT ATC
FOR FURTHER INSTRUCTION

THR ELEV 26

MET MINIMA VIS 2800m	7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 NM				
CATEGORY OF ACFT		A	B	C	D
OCA (H)		470 (444)			

CHANGE : THR ELEV, OCH, TA UPDATED & TL DELETED

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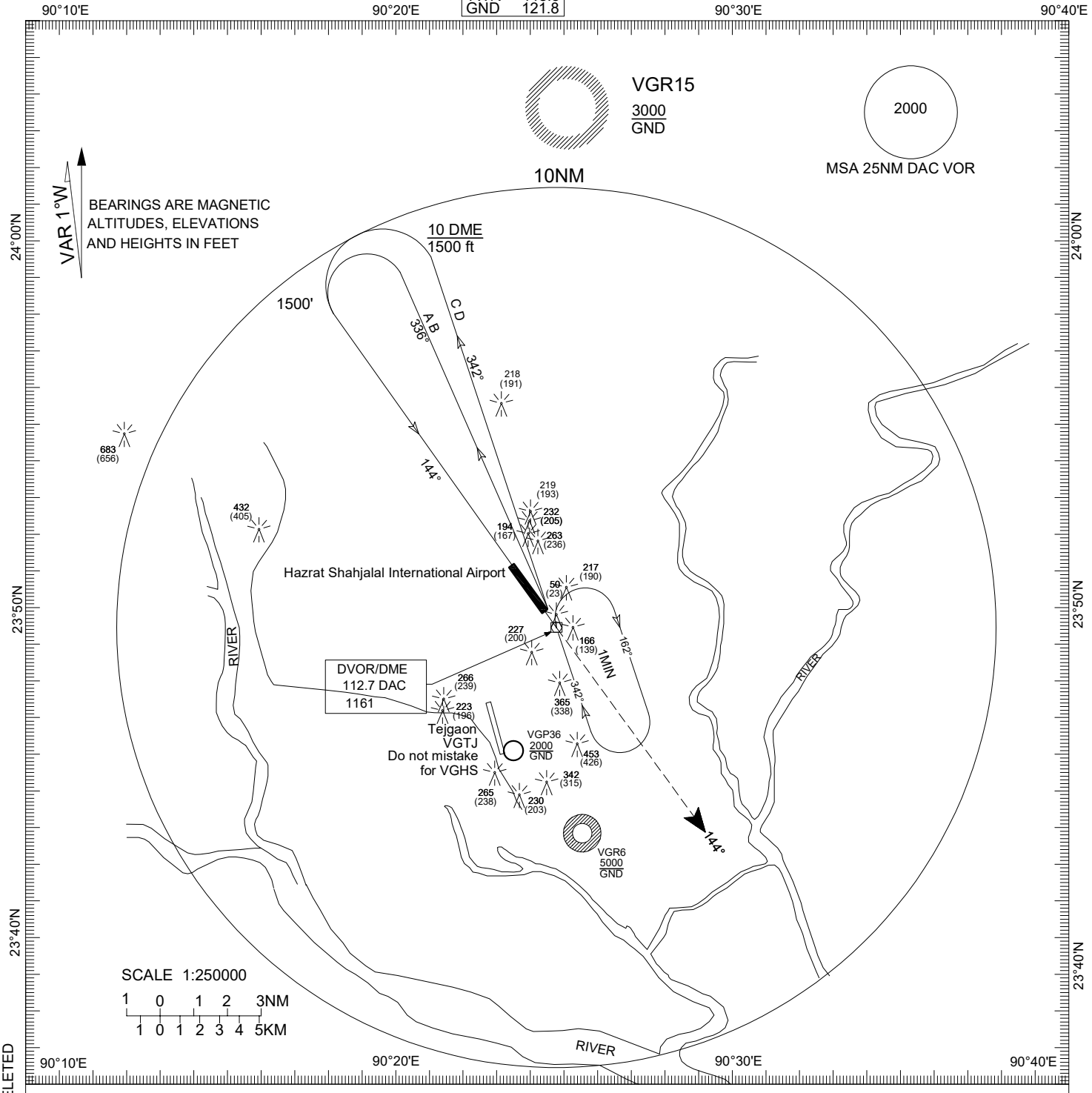
INSTRUMENT
APPROACH CHART
CHART-ICAO

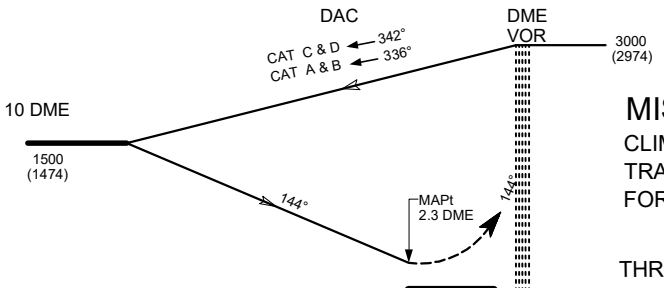
ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME Rwy 14



TRANSITION ALTITUDE 6000FT



MISSED APPROACH

CLIMB TO 2000FT/610M ON
TRACK 144°, CONTACT ATC
FOR FURTHER INSTRUCTION

THR ELEV 26

MET MINIMA VIS 2800m	10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 NM				
CATEGORY OF ACFT	A	B	C	D	
OCA (H)	430 (404)				

CHANGE : THR ELEV, OCH, TA UPDATED & TL DELETED

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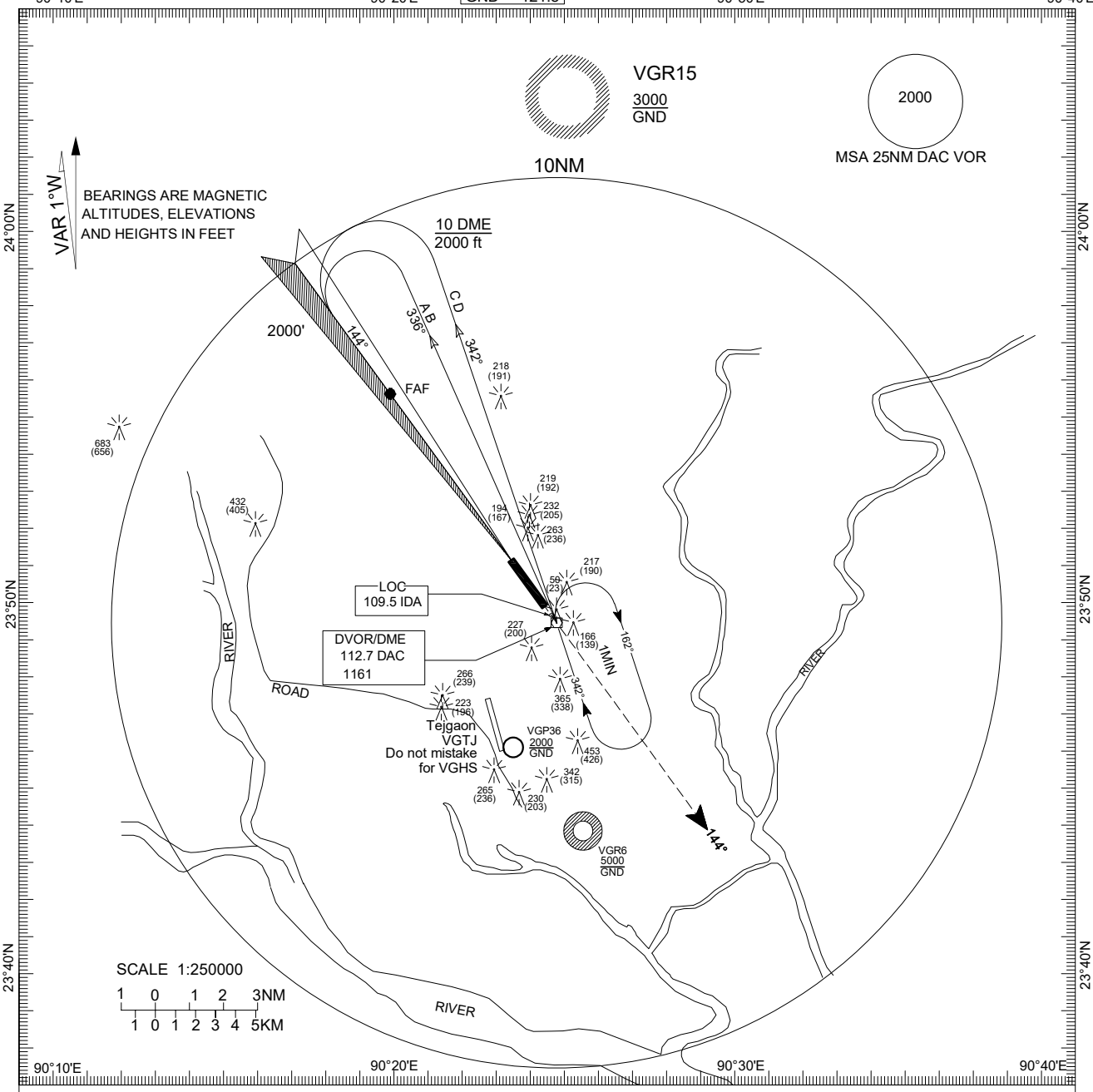
INSTRUMENT APPROACH CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED TO AD ELEV

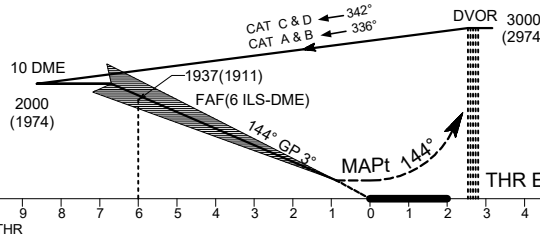
ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR DME ILS RWY 14



TRANSITION ALTITUDE 6000FT

ILS RDH 51ft



MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 144° CONTACT ATC FOR FURTHER INSTRUCTION

MET MINIMA (m)
FALS :Vis 800 or RVR 600
BALS :Vis 1200 or RVR 1100
NALS :Vis 1400 or RVR 1300
GP OUT: 2000 (CAT A,B)
& 2800 (CAT C,D,E)

CATEGORY OF ACFT			A	B	C	D
OCA (H)		Full	230 (204)	240 (214)	250 (224)	261 (235)
		GP out	350(324)			
DISTANCE (ILS-DME)	6DME	5DME	4DME	3DME	2DME	1DME
ALTITUDE	1940	1620	1310	990	670	350
(HEIGHT)	(1913)	(1593)	(1283)	(963)	(643)	(323)

CAT		A	B	C	D
SPEED	Knots	90	120	150	180
Rate of desnt/GP	Ft/min	480	635	795	955
FAF to THR 14	Minits	3.52	2.54	2.19	1.56

CHANGE : THR ELEV, OCH, TA , RDH UPDATED & TL DELETED

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INSTRUMENT APPROACH CHART-ICAO

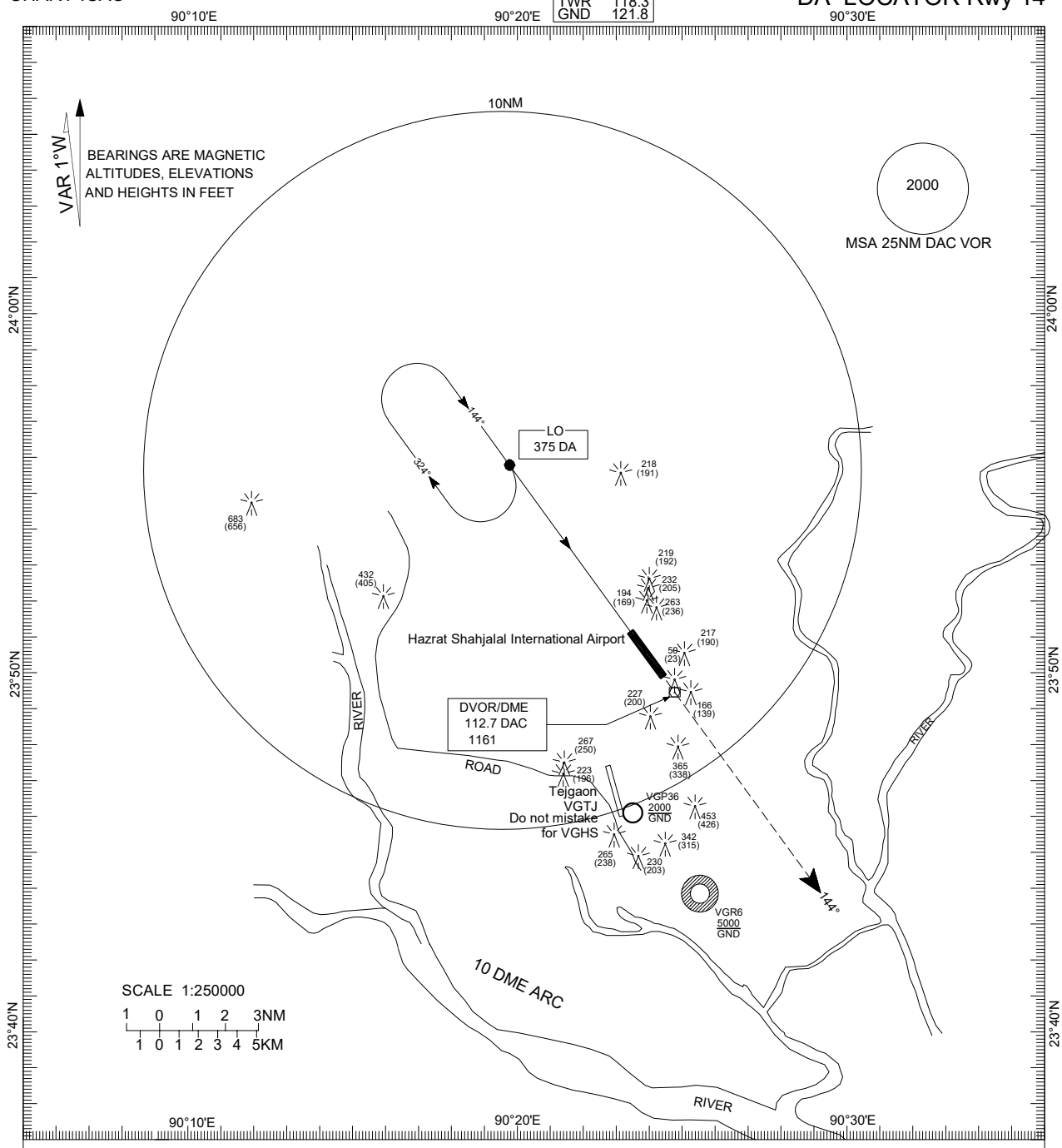
ELEV 26 FT
HEIGHTS RELATED TO AD ELEV

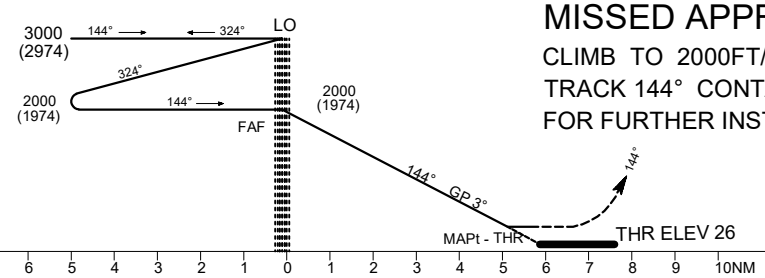
ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH

HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

DA LOCATOR Rwy 14





TRANSITION ALTITUDE 6000FT

MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 144° CONTACT ATC FOR FURTHER INSTRUCTION

MET MINIMA
VIS 2800m

7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10NM

CATEGORY ACFT	A	B	C	D
OCA (H)	350 (324)			

CAT	A	B	C	D	E
GS(KT)	70	90	120	150	180
RATE OF DES PER MIN	400	513	689	869	1036
LO TO TRR 14 5.8 NM(MIN)	5	3.9	2.9	2.3	1.93

CHANGE : THR ELEV, OCH, TA UPDATED & TL DELETED

INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART-ICAO

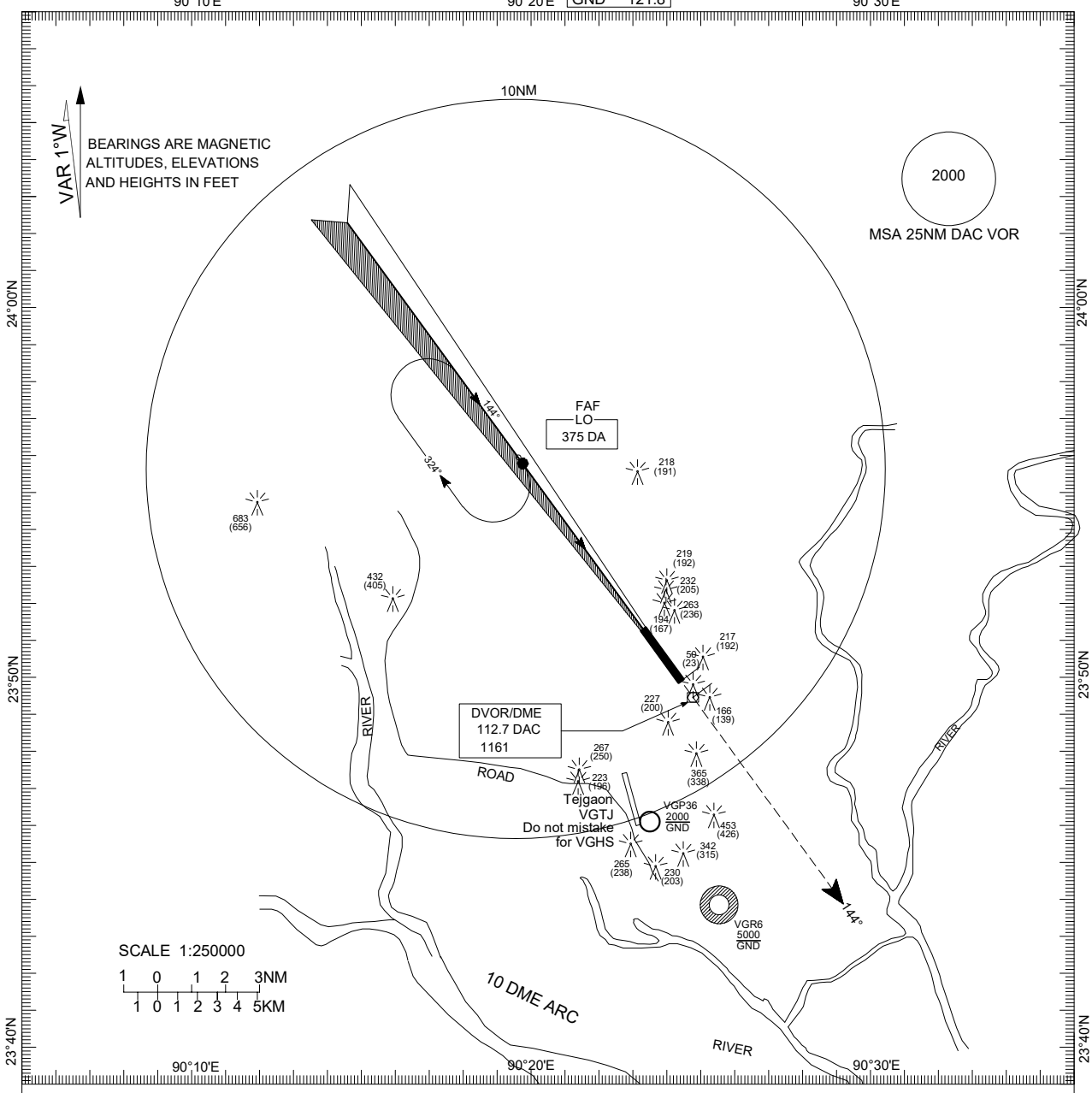
ELEV 26 FT
HEIGHTS RELATED TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH

HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

DA/ILS Rwy 14

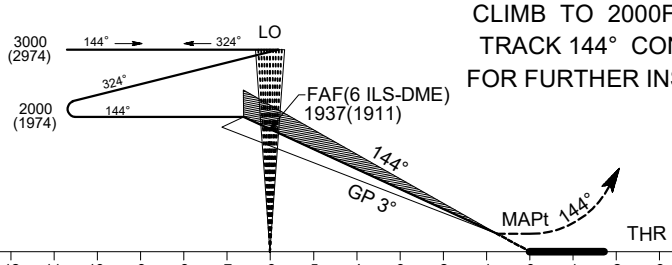


TRANSITION ALTITUDE 6000FT

ILS RDH 51ft

MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 144° CONTACT ATC FOR FURTHER INSTRUCTION



MET MINIMA (m)
FALS :Vis 800 or RVR 600
BALS :Vis 1200 or RVR 1100
NALS :Vis 1400 or RVR 1300
GP OUT: 2000 (CAT A,B)
& 2800 (CAT C,D,E)

CATEGORY OF ACFT			A	B	C	D
OCA (H)		Full	230 (204)	240 (214)	250 (224)	261 (235)
		GP out	350(324)			
DISTANCE (ILS-DME)	6DME	5DME	4DME	3DME	2DME	1DME
ALTITUDE	1940	1620	1310	990	670	350
(HEIGHT)	(1913)	(1593)	(1283)	(963)	(643)	(323)

CAT		A	B	C	D
SPEED	Knots	90	120	150	180
Rate of desnt/GP	Ft/min	480	635	795	955
FAF to THR 14	Minits	3:52	2:54	2:19	1:56

CHANGE : THR ELEV, OCH, TA , RDH UPDATED & TL DELETED

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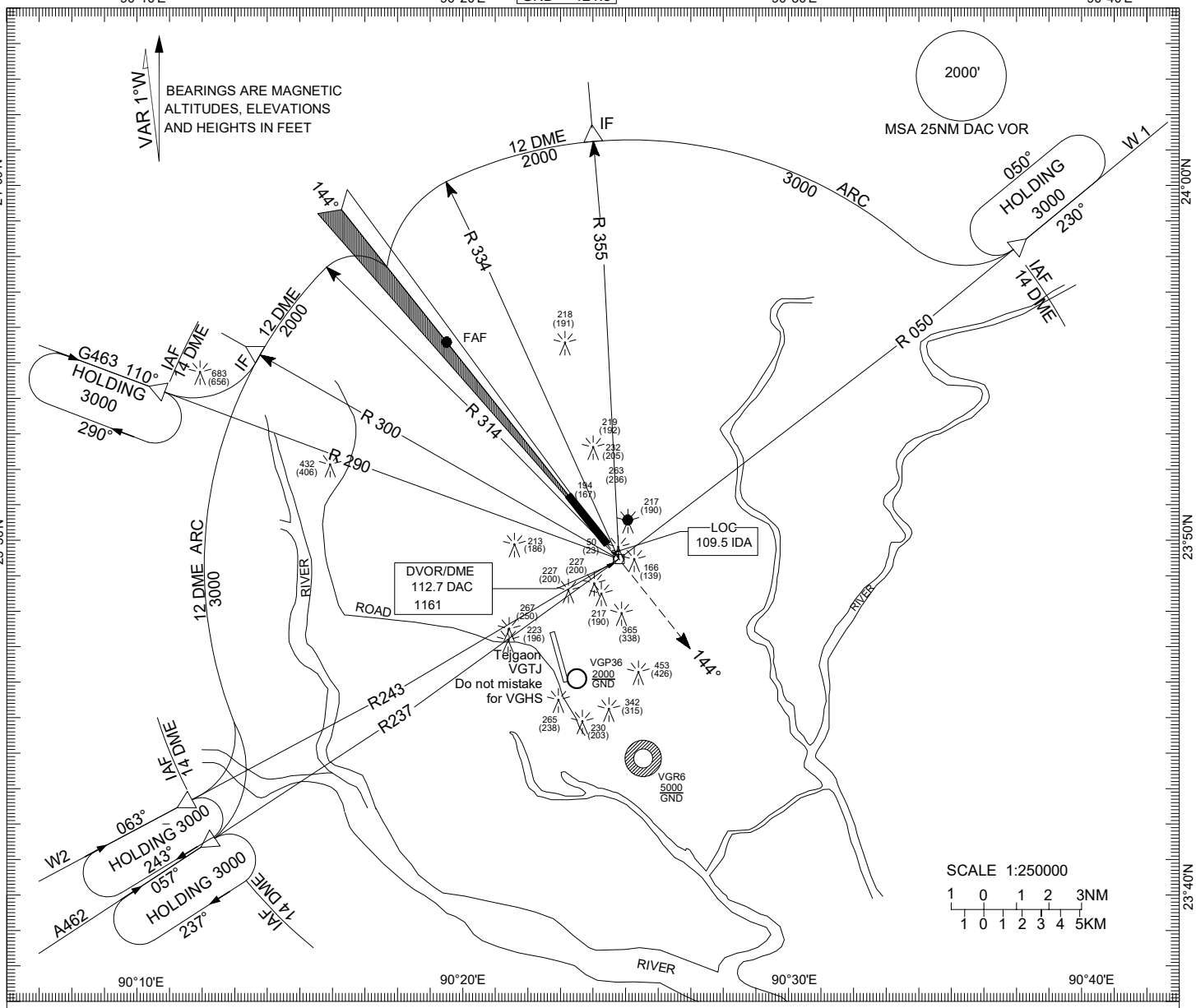
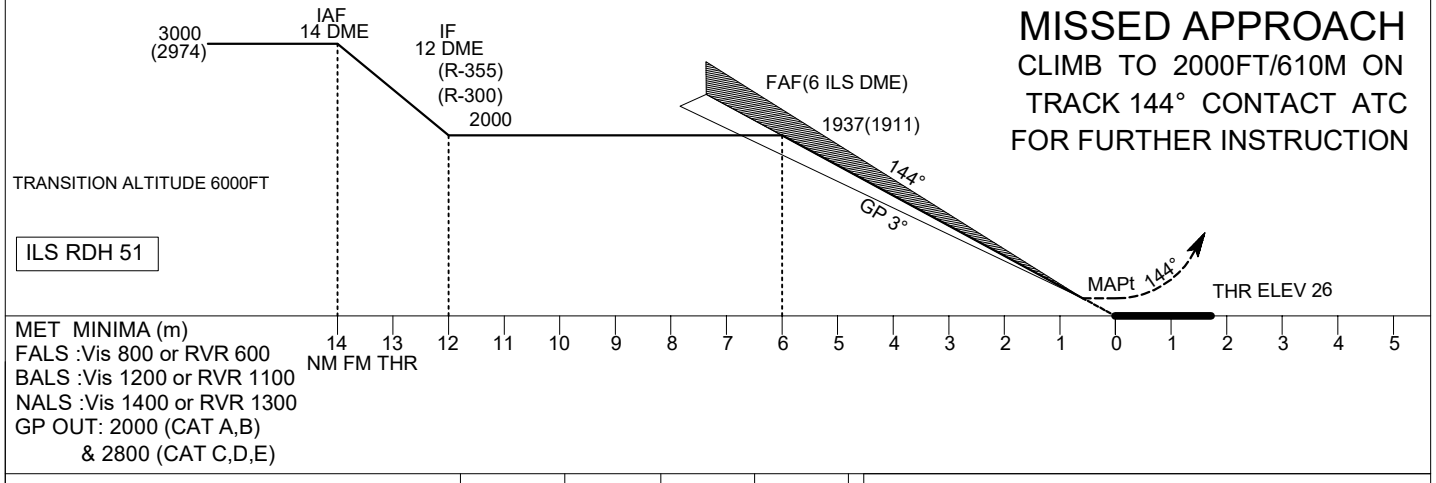
INSTRUMENT APPROACH CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR DME-ARC ILS Rwy 14





MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 144° CONTACT ATC FOR FURTHER INSTRUCTION

TRANSITION ALTITUDE 6000FT

ILS RDH 51

MET MINIMA (m)
FALS :Vis 800 or RVR 600
BALS :Vis 1200 or RVR 1100
NALS :Vis 1400 or RVR 1300
GP OUT: 2000 (CAT A,B)
& 2800 (CAT C,D,E)

CATEGORY OF ACFT			A	B	C	D
OCA (H)	Full		230(204)	240(214)	250(224)	261(235)
	GP out		350(324)			
DISTANCE (ILS-DME)	6DME	5DME	4DME	3DME	2DME	1DME
ALTITUDE	1940	1620	1310	990	670	350
(HEIGHT)	(1913)	(1593)	(1283)	(963)	(643)	(323)

SPEED	Knots	90	120	150	180
Rate of descent/GS	Ft/min	480	635	795	955
FAF TO THR14	Minits	3.52	2.54	2.19	1.56

CHANGE : THR ELEV, OCA(H), TA, RDH UPDATED & TL DELETED

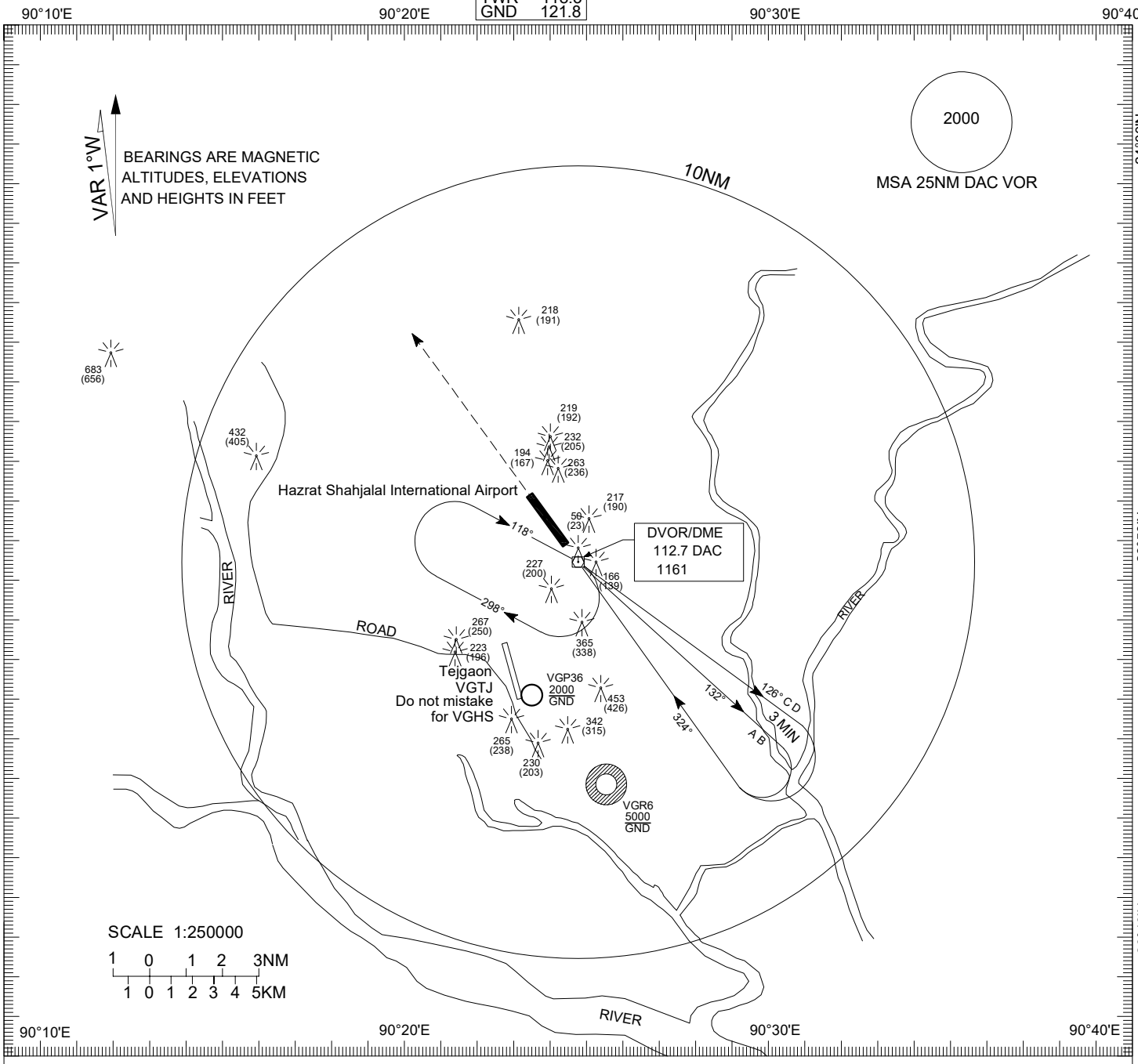
INTENTIONALLY LEFT BLANK

INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

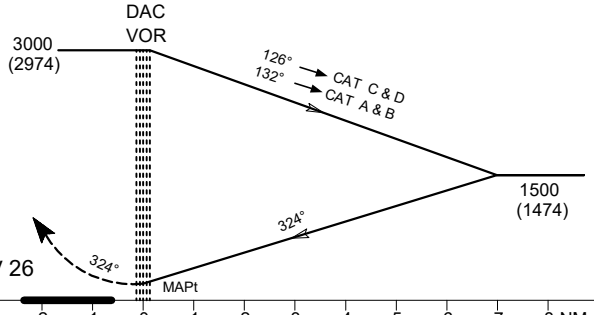
DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR RWY 32



TRANSITION ALTITUDE 6000FT

MISSED APPROACH

CLIMB TO 2000FT/610M ON
TRACK 324° CONTACT ATC
FOR FURTHER INSTRUCTION



MET MINIMA VIS 2800m					
CATEGORY OF ACFT	A	B	C	D	
OCA (H)	680 (654)				

CHANGE : THR ELEV, OCH, TA UPDATED & TL DELETED

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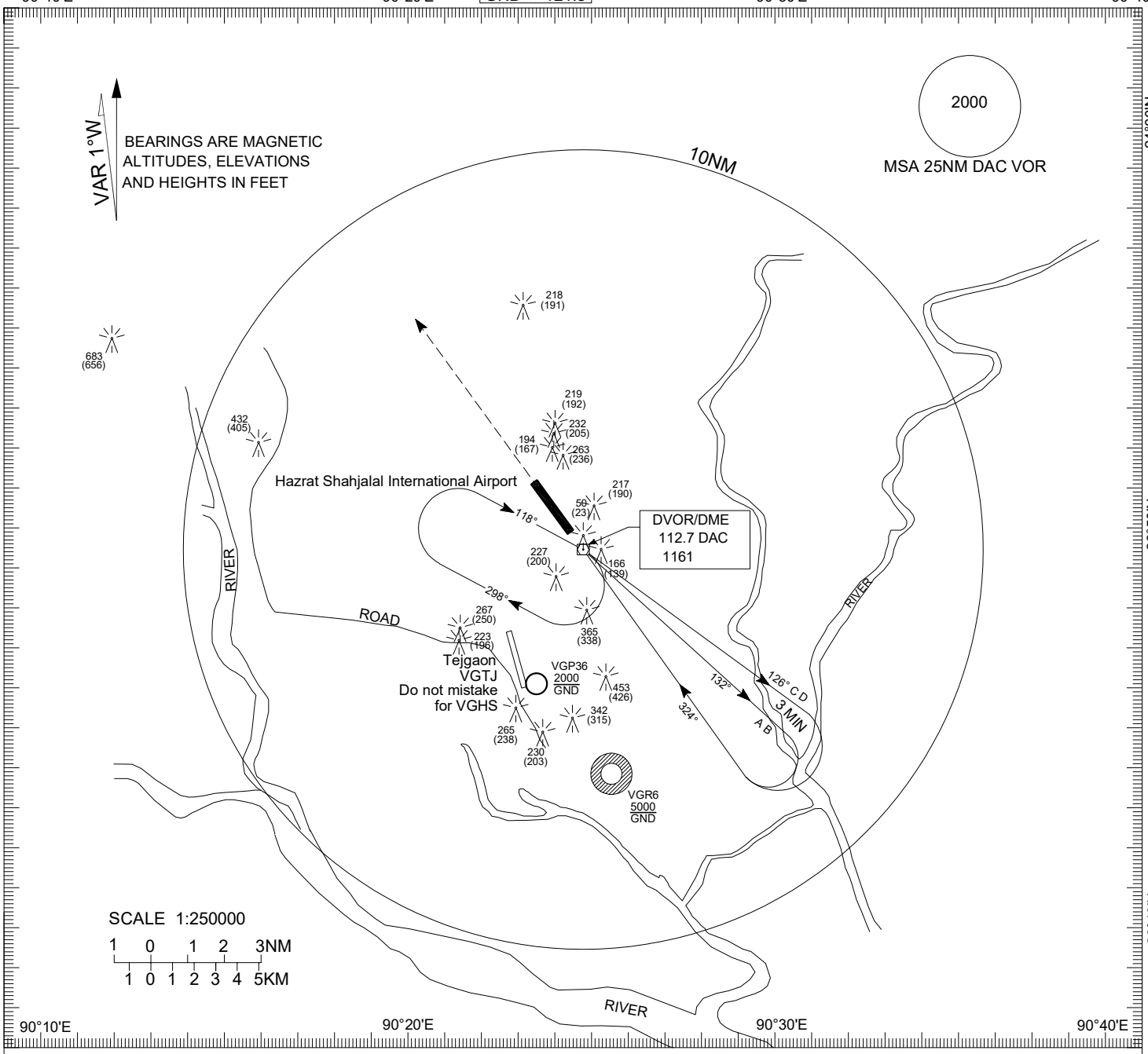
INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

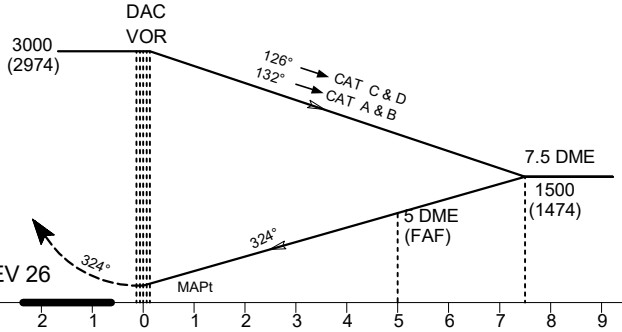
DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME (1) RWY 32



TRANSITION ALTITUDE 6000FT

MISSED APPROACH

CLIMB TO 2000FT/610M ON
TRACK 324° CONTACT ATC
FOR FURTHER INSTRUCTION



MET MINIMA
VIS 2800m

CATEGORY OF ACFT	A	B	C	D
OCA (H)	480 (454)			

CAT	A	B	C	D	
GS (KT)	70	90	120	150	180
RD/NM	188	188	188	188	188

CHANGE : THR ELEV, OCH, TA UPDATED & TL DELETED

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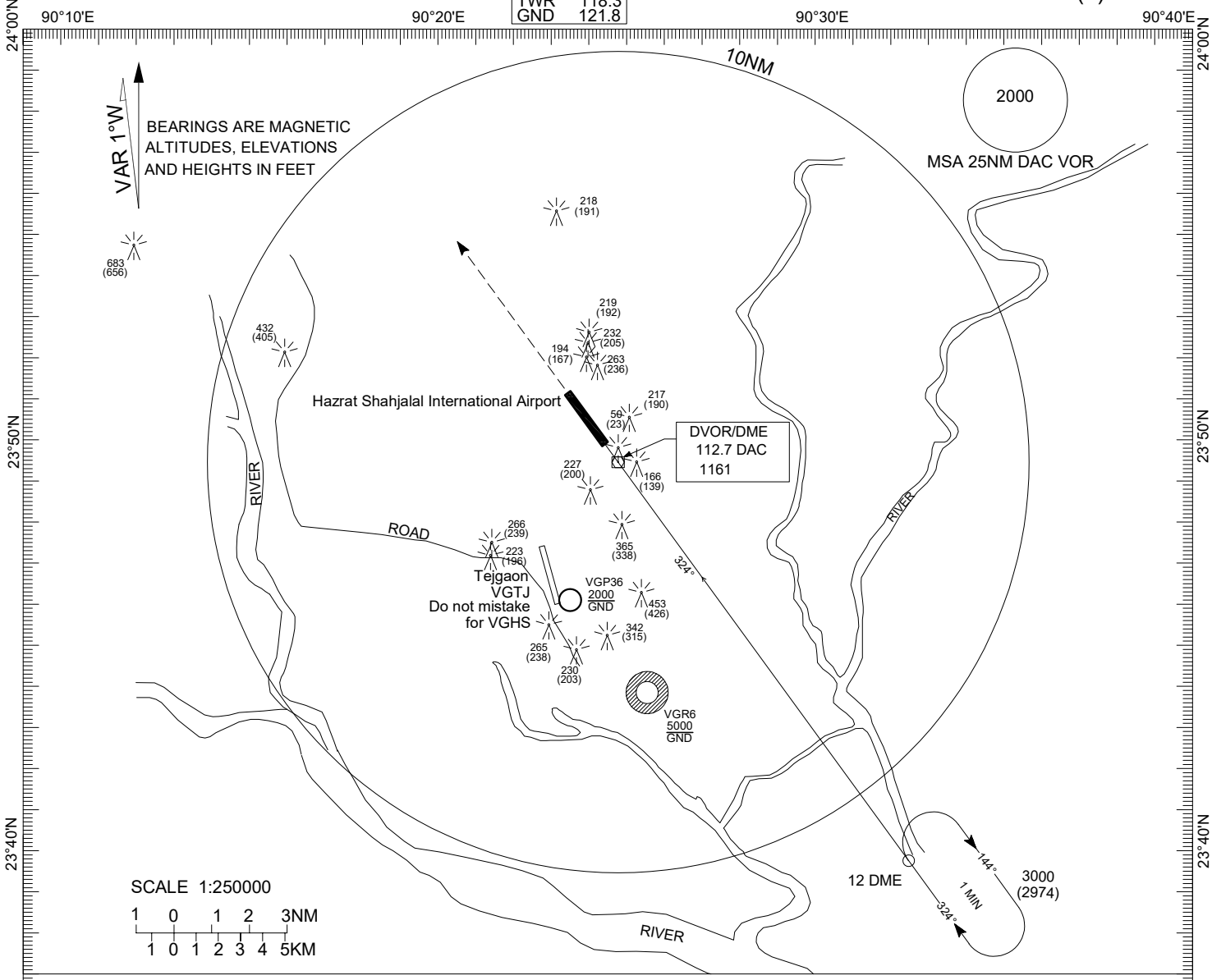
INSTRUMENT
APPROACH CHART
CHART-ICAO

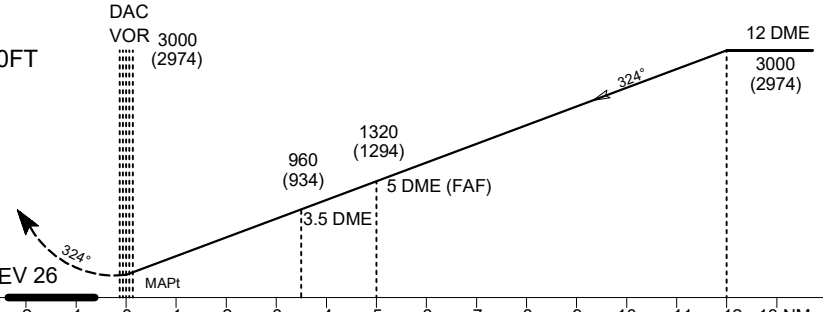
ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME (2) RWY 32



TRANSITION ALTITUDE 6000FT



MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 324° CONTACT ATC FOR FURTHER INSTRUCTION

MET MINIMA
VIS 2800m

CATEGORY OF ACFT	A	B	C	D
OCA (H)	480 (454)			

CAT	A	B	C	D	
GS (KT)	70	90	120	150	180
RD/NM	240	240	240	240	240

CHANGE : THR ELEV, OCH, TA UPDATED & TL DELETED

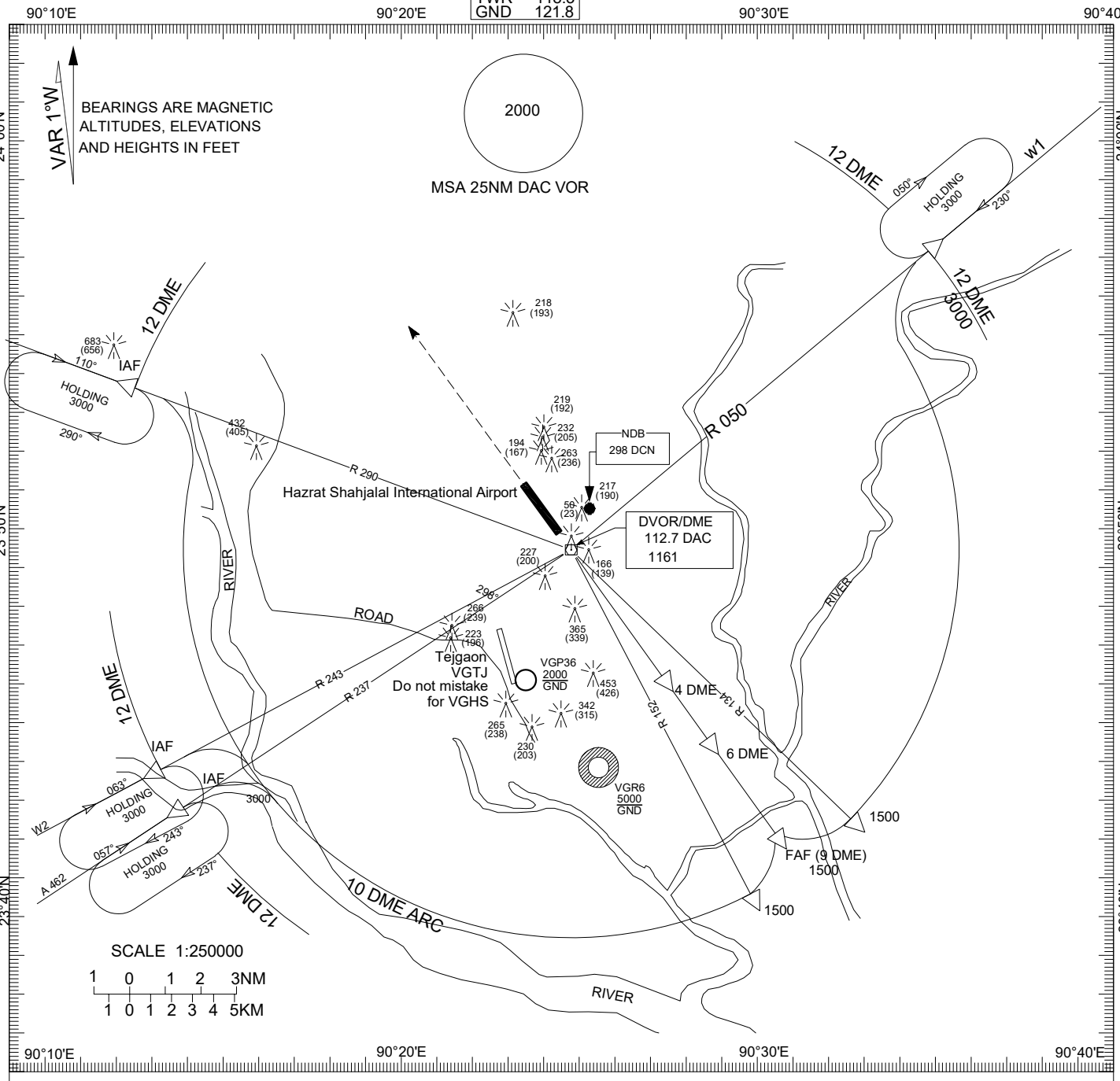
INTENTIONALLY LEFT BLANK

INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

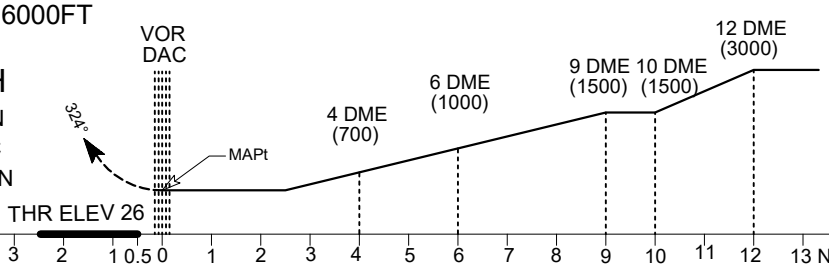
DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME-ARC RWY 32



TRANSITION ALTITUDE 6000FT

MISSED APPROACH

CLIMB TO 2000FT/610M ON
TRACK 324° CONTACT ATC
FOR FURTHER INSTRUCTION



MET MINIMA VIS 2800m					
CATEGORY OF ACFT	A	B	C	D	
OCA (H)	480 (454)				

CHANGE : THR ELEV, OCH, TA UPDATED & TL DELETED

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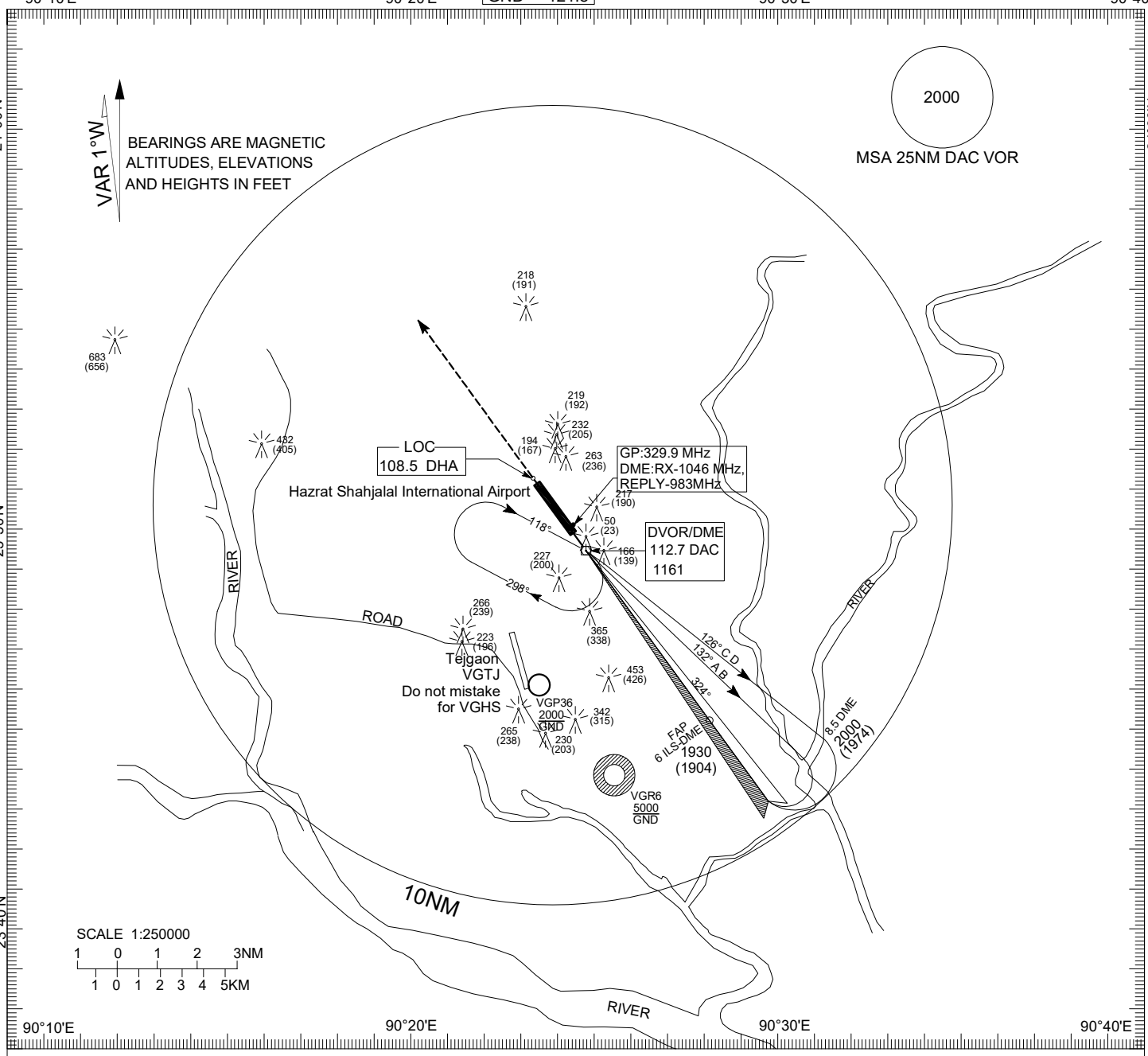
INSTRUMENT
APPROACH
CHART - ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME/ILS(1) RWY 32

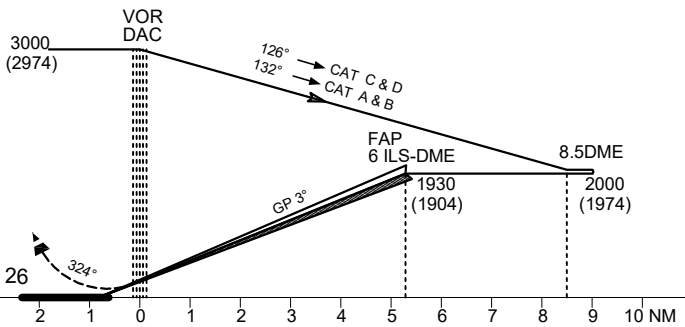


TRANSITION ALTITUDE 6000FT

ILS RDH 52ft

MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 324°
TURN LEFT TO `DAC' AND CONTACT ATC
FOR FURTHER INSTRUCTION



CATEGORY OF ACFT		A	B	C	D
OCA (H)	FULL	300 (274)	310 (284)	320 (294)	330 (304)
	GP OUT	350 (324)			

CAT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT	FT/MIN	480	635	795	955
MET MINIMA (m)	BALS	1200m			
	NALS	1400m			
	GP OUT	2000m(CAT A &B) & 2400m (CAT C &D)			

CHANGE : THR ELEV, OCH, TA, RDH UPDATED & TL DELETED

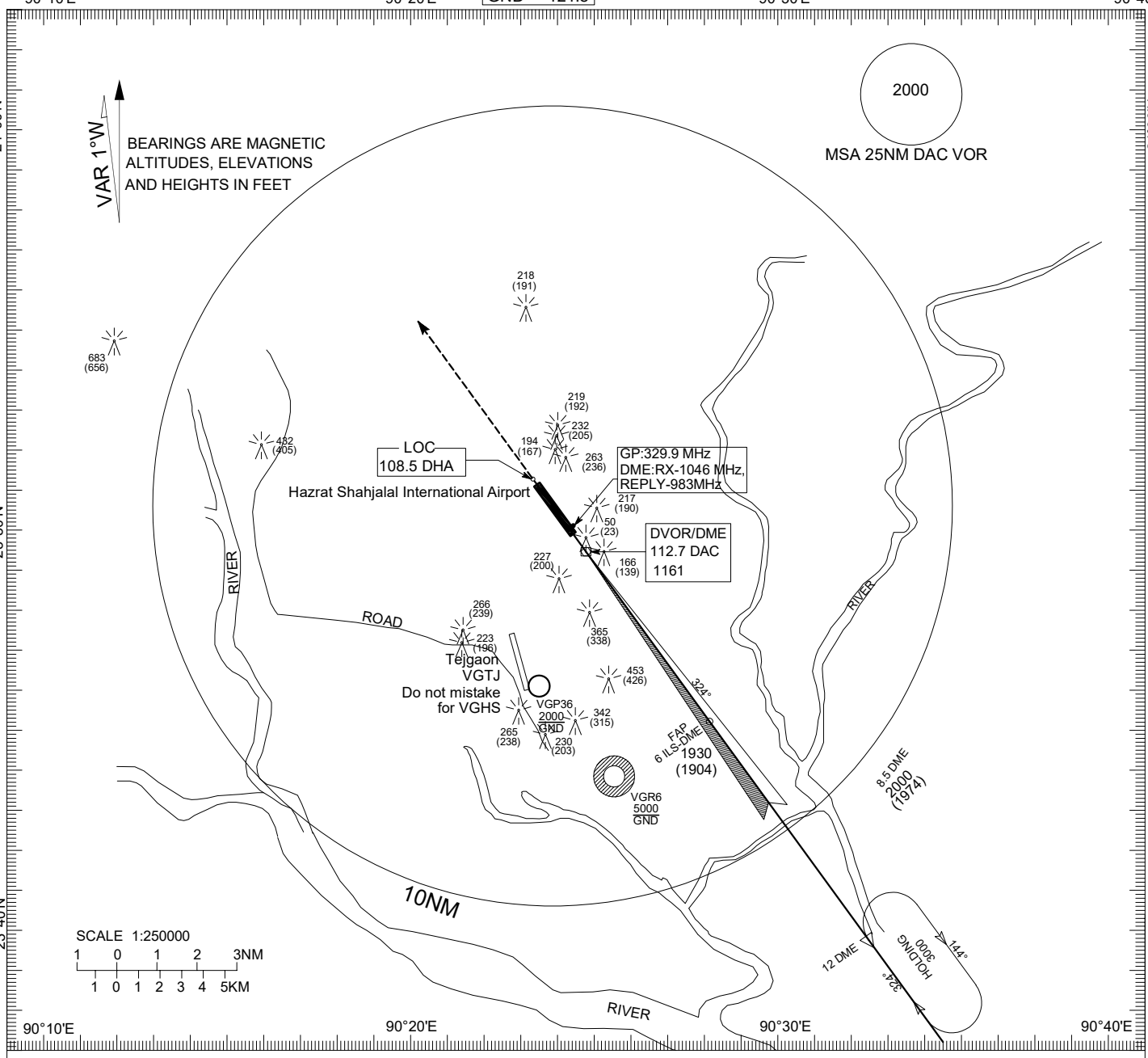
INTENTIONALLY LEFT BLANK

INSTRUMENT
APPROACH
CHART - ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME/ILS(2) RWY 32

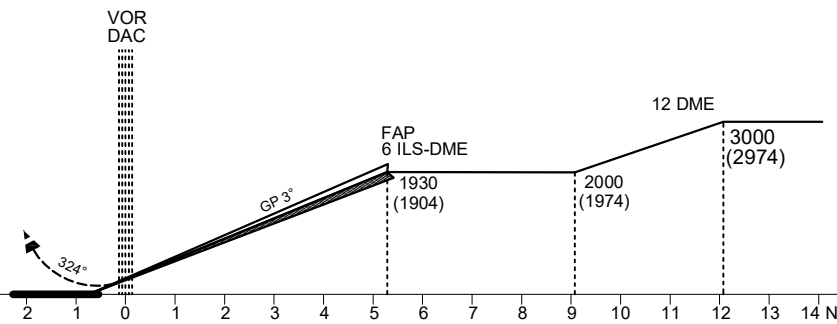


TRANSITION ALTITUDE 6000FT

ILS RDH 52ft

MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 324°
TURN LEFT TO `DAC' AND CONTACT ATC
FOR FURTHER INSTRUCTION



CATEGORY OF ACFT		A	B	C	D
OCA (H)	FULL	300 (274)	310 (284)	320 (294)	330 (304)
	GP OUT	350 (324)			

CAT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT	FT/MIN	480	635	795	955
MET MINIMA (m)	BALS	1200m			
	NALS	1400m			
	GP OUT	2000m(CAT A &B) & 2400m (CAT C &D)			

CHANGE : THR ELEV, OCH., TA, RDH UPDATED & TL DELETED

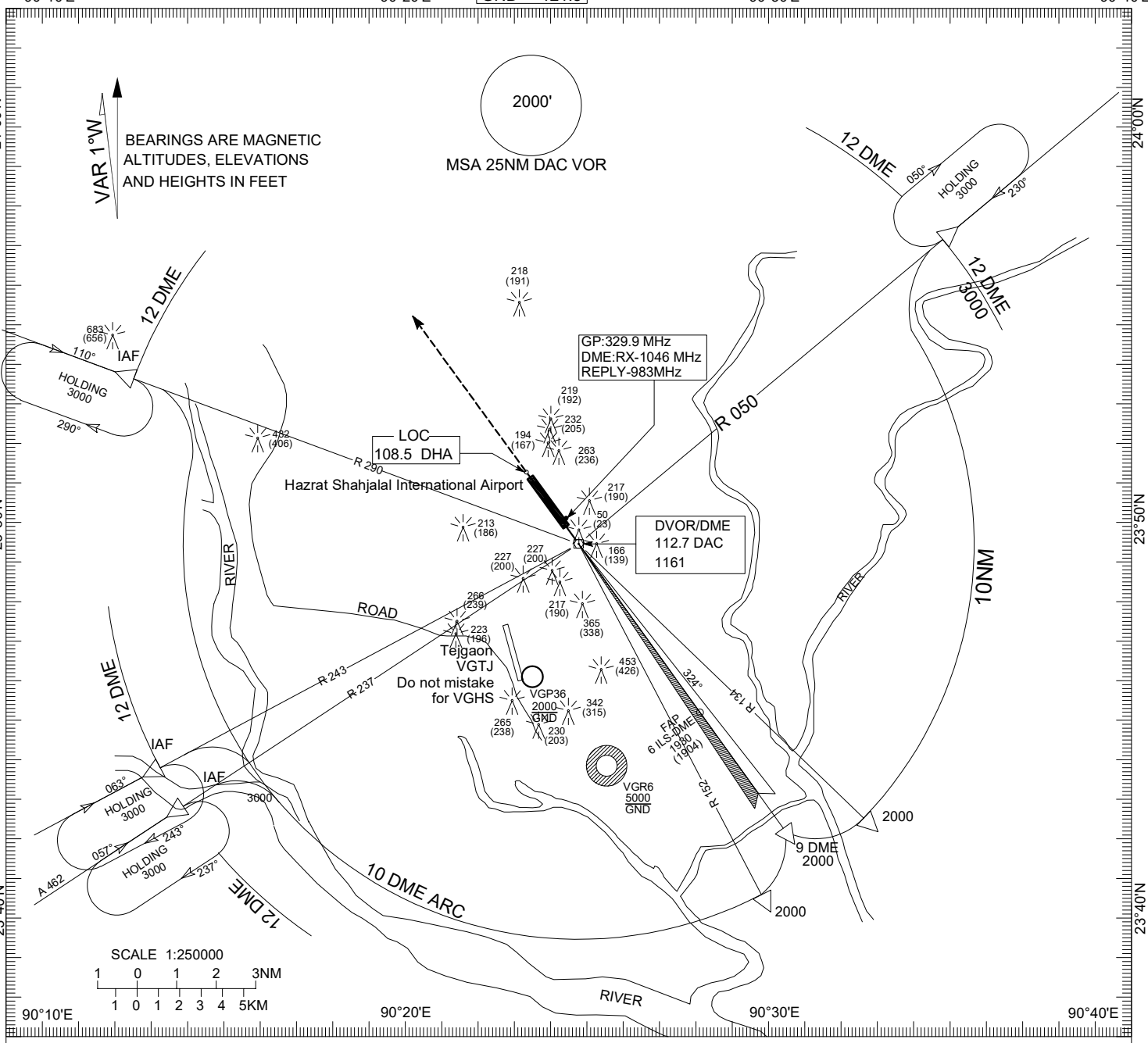
INTENTIONALLY LEFT BLANK

INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME-ARC/ILS RWY 32

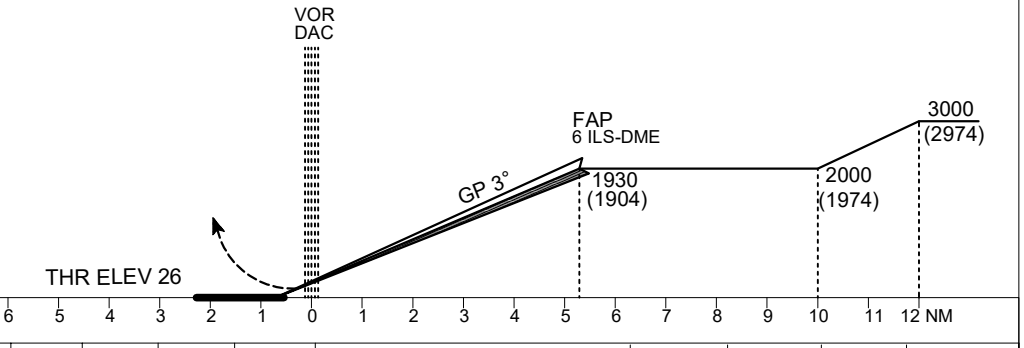


TRANSITION ALTITUDE 6000FT

ILS RDH 52ft

MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 324°
TURN LEFT TO `DAC' AND CONTACT ATC
FOR FURTHER INSTRUCTION



CATEGORY OF ACFT		A	B	C	D
OCA (H)	FULL	300 (274)	310 (284)	320 (294)	330 (304)
	GP OUT	350 (324)			

SPEED	KNOTS	90	120	150	180
RATE OF DESCENT	FT/MIN	480	635	795	955
MET MINIMA (m)	BALS	1200m			
	NALS	1400m			
	GP OUT	2000m(CAT A &B) & 2400m (CAT C &D)			

CHANGE : THR ELEV, OCA(H), TA, RDH UPDATED & TL DELETED

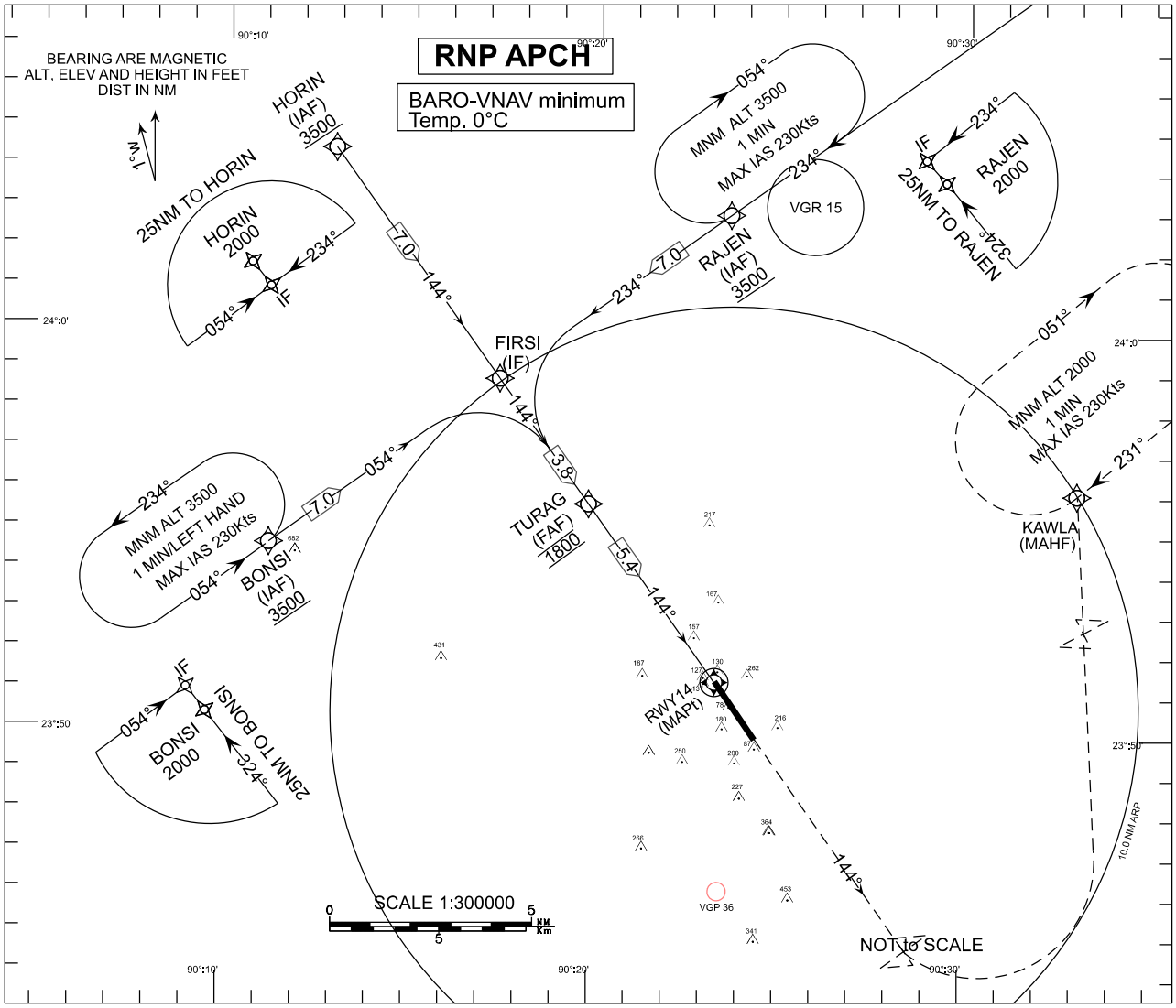
INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART - ICAO

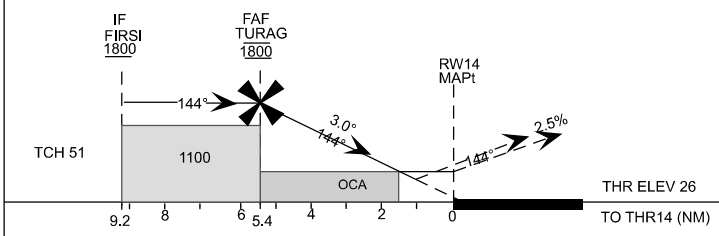
AD ELEV 26 (ft)
OCH RELATED TO THR RWY 14-ELEV 26(ft)

TWR : 118.3 MHz (PRI)
119.3 MHz (SDBY)
SMC : 121.8 MHz

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INT'L AIRPORT
RNP RWY14



TRANSITION ALTITUDE 6000FT



MISSED APPROACH:

CLIMB TO 2000FT ON COURSE 144°
THEN TURN LEFT DIRECT TO KAWLA
TO JOIN HOLDING AT 2000FT
OR AS DIRECTED BY ATC

NO TURN BEFORE MAPt.

OCA(OCH)		A	B	C		D
OCA(OCH)	LNAV/VNAV	372 (346)				
	LNAV (CDFA)	410 (384)				
DISTANCE to RW14	5.4 NM	5 NM	4 NM	3 NM	2 NM	1 NM
ALTITUDE	1800	1670	1350	1040	720	400
(HEIGHT)	(1774)	(1644)	(1324)	(1014)	(694)	(374)

SPEED	KNOTS	90	100	120	140	160	180
RATE OF DESCENT/GS	FT/MIN	480	530	640	740	850	960

Type of Approach	Visibility Minima (m)		
	FALS	BALS	NALS
LNAV/VNAV	900	1400	1600
LNAV (CDFA)	1200	1700	1900

CHANGE : RWY & AD ELEV, OCH, TCH, TA & TL (Deleted)

CODING TABLE

TABULAR DESCRIPTION

SL NO	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	RAJEN	-	-	-	-	3500	-230	-	RNP APCH
20	TF	FIRSI	-	234° (233.9°)	L	7.0	+1800	-200	-	RNP APCH
10	IF	HORIN	-	-	-	-	3500	-230	-	RNP APCH
20	TF	FIRSI	-	144° (143.8°)	-	7.0	+1800	-200	-	RNP APCH
10	IF	BONSI	-	-	-	-	3500	-230	-	RNP APCH
20	TF	FIRSI	-	054° (053.8°)	R	7.0	+1800	-200	-	RNP APCH
10	IF	FIRSI	-	-	-	-	+1800	-200	-	RNP APCH
20	TF	TURAG	-	144° (143.8°)	-	3.8	@1800	-	-	RNP APCH
30	TF	RW14	Y	144° (143.8°)	-	5.4	@77	-	-3.0/51	RNP APCH
40	CA	RW14	-	144° (143.8°)	-	-	2000	-	-	RNP APCH
50	DF	KAWLA	Y	-	L	-	-	-230	-	RNP APCH
60	HM	KAWLA	Y	231° (230.0°)	R	-	2000	-230	-	RNP APCH

WAYPOINT LIST

RNP RWY14 (LNAV/VNAV)	
WAYPOINT IDENTIFIER	COORDINATES
RAJEN (IAF)	24:02:53.62 N 090:23:33.70 E
HORIN (IAF)	24:04:25.46 N 090:12:52.50 E
BONSI (IAF)	23:54:36.60 N 090:11:13.01 E
FIRSI (IF)	23:58:45.24 N 090:17:23.16 E
TURAG (FAF)	23:55:40.58 N 090:19:50.06 E
RW14 (MAPt)	23:51:18.08 N 090:23:18.67 E
KAWLA (MAHF)	23:56:02.19 N 090:33:00.88 E

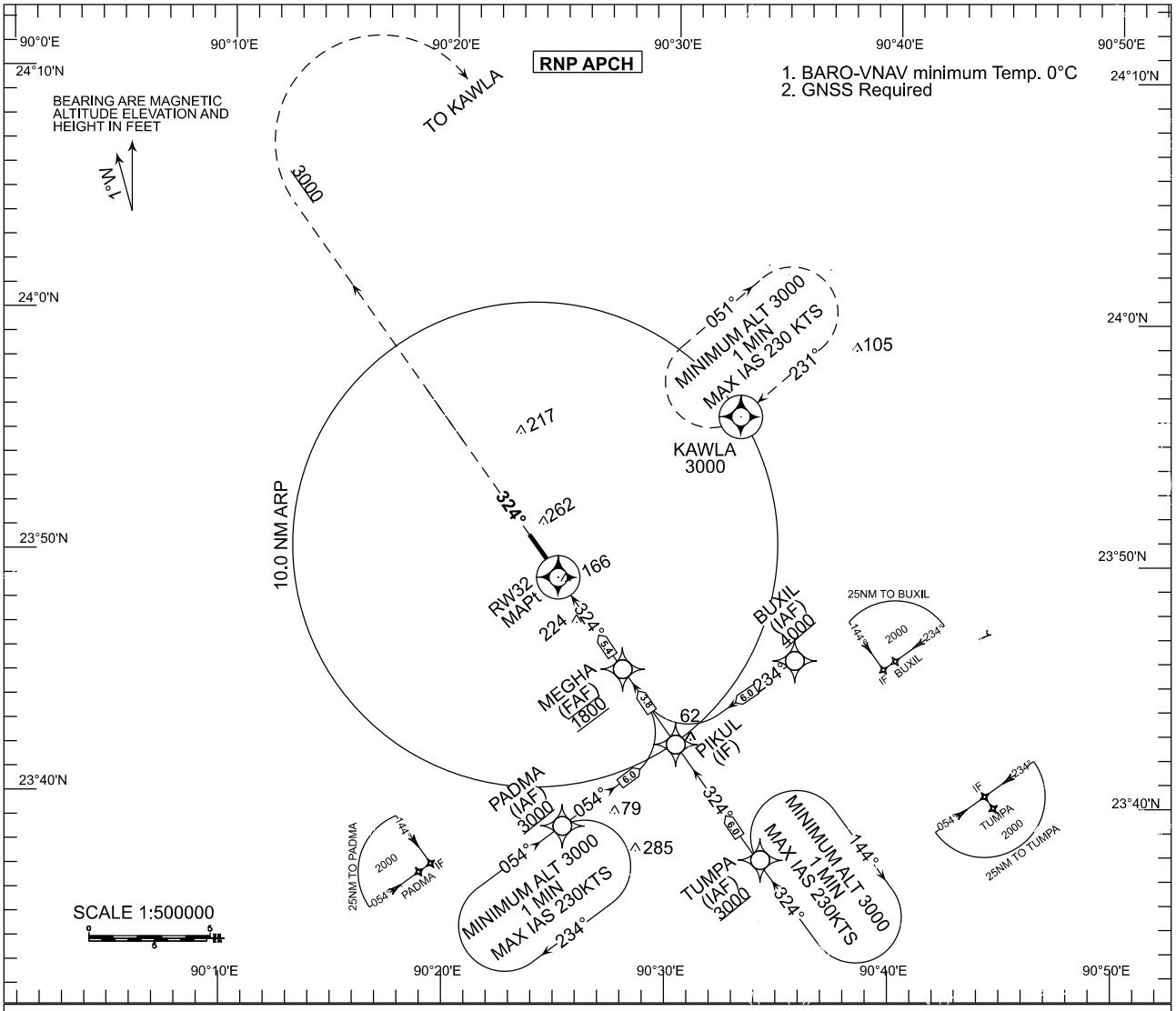
CHANGE : Tabular description (TCH & Course on SL 30 & 60)

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 26 (ft)
OCH RELATED TO
THR RWY 32-ELEV 26(ft)

TWR : 118.3MHZ (PRI)
119.3MHZ(Stand by)
SMC : 121.8MHZ

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERANTIONAL AIRPORT
RNP RWY32 (LNAV/VNAV ONLY)

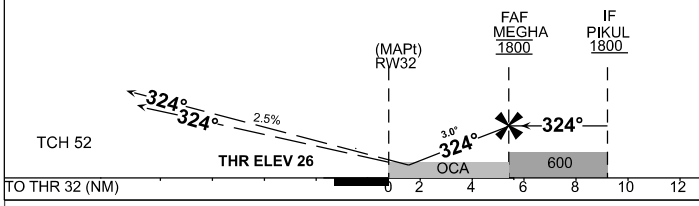


TRANSITION ALTITUDE 6000FT

MISSED APPROACH:

Climb on course 324° at or above 3000ft, then turn right direct to KAWLA for holding at 3000ft or as directed by ATC

NO TURN BEFORE MAPt.



CATEGORY OF ACFT		A	B	C	D
OCA(OCH)	LNAV/VNAV	334 (308)			
	LNAV (CDFA)	470 (444)			
DISTANCE	5 NM	4 NM	3 NM	2 NM	1 NM
ALTITUDE	1670	1350	1040	720	400
(HEIGHT)	(1644)	(1324)	(1014)	(694)	(374)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955

TYPE of Approach	Visibility Minima (m)	
	BALS	NALS
LNAV/VNAV	1400	1800
LNAV (CDFA)	2200	2600

CHANGE : RWY AD & THR ELV, TCH, OCH, TA & TL (deleted)

CODING TABLE

TABULAR DESCRIPTION

SL NO	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	TUMPA	-	-	-	-	+3000	-230	-	RNP APCH
20	TF	PIKUL	-	324°(323.90°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	PADMA	-	-	-	-	+3000	-230	-	RNP APCH
20	TF	PIKUL	-	054°(053.48°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	BUXIL	-	-	-	-	+4000	-230	-	RNP APCH
20	TF	PIKUL	-	234°(233.90°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	PIKUL	-	-	-	-	+1800	-200	-	RNP APCH
20	TF	MEGHA	-	324°(323.90°)	-	3.8	@1800	-	-	RNP APCH
30	TF	RW32	Y	324°(323.90°)	-	5.4	@77	-	-3.0/52	RNP APCH
40	CA	RW32	-	324°(323.90°)	-	-	+3000	-	-	RNP APCH
50	DF	KAWLA	Y	-	R	-	-	-230	-	RNP APCH
60	HM	KAWLA	Y	231°(230.0°)	R	-	3000	-230	-	RNP APCH

WAYPOINT LIST

RNP RWY32 (LNAV/VNAV only)	
WAYPOINT (FIX)	COORDINATES
BUXIL(IAF)	23:45:58.81N 090:35:37.06E
PADMA(IAF)	23:38:51.06N 090:25:05.41E
TUMPA(IAF)	23:37:34.19N 090:34:11.47E
PIKUL (IF)	23:42:26.09N 090:30:20.51E
MEGHA (FAF)	23:45:30.91N 090:27:54.09E
RW32 (MAPt)	23:49:54.05N 090:24:25.38E
KAWLA (MAHF)	23:56:02.19N 090:33:00.88E

CHANGE: : Tabular description (TCH & Course on SL 30 & 60)

AD 2 AERODROMES

VGEG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGEG –SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM

VGEG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP and its site	221525.28N 0914919.95E, on the RWY
2	Direction and distance from city	South of City Railway Station; 10 NM
3	AD elevation and reference temperature	ELEV : 14.108 ft T : 32° C (April)
4	MAG VAR/ Annual change	1^0 W in 2020 (Annual change 2'W)
5	AD Operator, address, telephone, telefax , AFS	Civil Aviation Authority of Bangladesh Postal Address: Shah Amanat International Airport, Chattogram, Bangladesh. Telephone : Director, SAIA : +88 02 41350100 Control Tower : +88 02 41350105 Fax : +88 02 41350101 E-mail : dsaiactg@caab.gov.bd AFS :VGEGYDYX
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGEG AD 2.3 OPERATIONAL HOURS

OPERATIONAL HOURS		
Sl. Nr	Service	Hours
1	Aerodrome Administration	0900 LT to 1700 LT except FRI, SAT and Government holidays
2	Custom and Immigration	HO
3	Health and sanitation	HO
4	AIS briefing office	HO
5	ATS reporting office (ARO)	HO
6	MET briefing office	H24
7	Air Traffic Service	HO
8	Fueling	HO
9	Handling	HO
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGEG AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Manual handling
2	Fuel and Oil types	SAG 100/130, JET A-1, AVG as 100 LL, Limited Quantity stored in drums.
3	Fueling facilities and capacity	Hydrant dispenser, Bowser refueling,
4	De-icing facilities	NIL requirement
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VGEG AD 2.5 PASSENGER FACILITIES

1	Hotels at or in the vicinity of the AD	Nil at the Airport, AVBL in Chattogram city.
2	Restaurant at or in the vicinity of the AD	AVBL
3	Transportation Facilities	AVBL
4	Medical facilities	First aid treatment AVBL
5	Bank and Post Office at or in the vicinity of the AD	AVBL
6	Tourist office	AVBL
7	Remarks	Nil

VGEG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	CAT: 9
2	Rescue equipment	AVBL to meet the ICAO requirement for CAT 9
3	Disabled Aircraft Removal	Nil
4	Remarks	Nil

VGEG AD 2.7 SEASONAL AVAILABILITY CLEARING

1 Airport is available for all seasons. Side strips become unserviceable during monsoon. There is no requirement for clearing.

VGEG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Bituminous Concrete Strength : PCN 90/R/C/W/T
2	Taxiway width, surface and strength	Width : 30m (TWY A and B) Surface : Bituminous Concrete Strength : PCN 90/F/C/W/T
3	Altimeter checkpoint location and elevation	Not designated
4	VOR checkpoint	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

VGEG 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; Boarding Bridges; Tow bar;	Taxiing guidance signs at all intersections with TWY and RWY, at all holding positions. Guidelines at apron: Nose-in guidance at aircraft stands. -Two boarding bridges are available. - - Due to parking and maneuvering problem , all ACFT with wing-span more than 80 ft operating to/fm Shah Amanat International Airport are required to have tow bar for pushback.
2	RWY and TWY markings and LGT	**RWY** : 05/23 White, omni-directional **THR light** : Green **TWY**: Blue edge lights for all taxiways. **RWY marking aids**: THR, TDZ, Centre line, RWY designator-all runways. **TWY marking aids**: TWY holding position, TWY centre line-all TWYs
3	Stop bars	Nil
4	Remarks	Nil

VGEG 2.10 AERODROME OBSTACLES

1					2
In approach/ Take off area					In circling area
RWY affected	Obstacle type elevation	Position	Marking/LGT	Remarks	Obstacles in the circling area at aerodrome are shown on page VGEG AD 2-9. All obstruction are provided with day marking and obstruction lighting where necessary and feasible.
23	Hill 132 ft	064°M, 2100 m, FM THR RWY 23	No	River Karnaphully flows around approach Rwy 23. Masts of ships and boats may constitute mobile obstructions on approach.	

VGEG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	Shah Amanat Intl. (VGEG)
2	Hours of service	H24
3	Office responsible for TAF preparation Periods of validity (Hours)	Shah Amanat Intl. (VGEG) 12
4	Type of landing forecast Interval of issuance	TREND ½ hourly
5	Briefing /consultation provided	P,D,T
6	Flight documentation languages used	C, PL English
7	Charts and other information available for briefing of consultation	S, U
8	Supplementary equipment available for providing information	ATIS
9	ATS units provided with information	TWR
10	Additional information	Tel : 031-2500988, 2500962 :02-4135011-21 Ext: 3138, 3139

VGEG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator/ RWY Number	TRUE BRG	Dimension of RWY (m)	Strength (PCN) and surface of RWY	THR Coordinates	THR elevation (ft)	Slope of RWY
1	2	3	4	5	6	7
05	047.66°	2940 x 45	PCN 90/F/C/W/T Bituminous concrete	22 14 27.00 N 09148 09.51E	14	Nil
23	227.66°	2940x45	PCN 90/F/C/W/T Bituminous concrete	22 15 30.50 N 09149 26.26E	14	Nil

Designator/ RWY Number	SWY dimensions(m)	CWY dimensions(m)	Strip dimensions(m)	RESA(m)	OFZ	Remarks
1	8	9	10	11	12	13
05	150X45	450X150	3210X 280	90X90	Within CWY	Nil
23	Nil	450X150	3210X 280	90X90	Within CWY	Nil

VGEG AD 2.13 DECLARED DISTANCES

Designator/ RWY Number	TORA (M)	TODA(M)	ASDA(M)	LDA(M)	Remarks
05	2940	3390	3090	2940	Nil
23	2940	3390	2940	2940	Nil

VGEG AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY designator	APCH LGT type, LEN, INTST	THR LGT colour WBAR	VASI (MEHT) PAPI	TDZ LGT LEN	RWY centre Line LGT	RWY edge LGT, LEN, spacing, colour, INTST	RWY END LGT colour WBAR	SWY LGT	Remarks
1	2	3	4	5	6	7	8	9	10
05	Simple approach lighting system 420m	Green Supplemented by Green Wing bar	3^0 PAPI	Nil	Nil	Last 2000ft amber rest white, omni-directional 20%,40%,60%, 80%, 100%	Red unidirectional Green omni-directional	Nil	Nil
23	Precision approach CAT I lighting system 900m	Green Supplemented by Green Wing bar	3^0 PAPI	Nil	Nil	Last 2000ft amber rest white, omni-directional 20%,40%,60%, 80%,100%	Red unidirectional Green omni-directional	Nil	Nil

VGEG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN Location Characteristics and hours of operation	ABN: Atop new water tank. Altn W G every 3 Sec (Hours: HN & IMC)
2	LDI location and LGT Anemometer location and LGGT	Nil Anemometer end of RWY 05/23, Windsocks end of RWY 05/23. LGT
3	TWY edge and centre line lighting	Edge: Blue edge lights for all TWYs Centre line: Nil
4	Secondary power supply/ switch over time	During main power supply failure, Automatic standby generator power supply available within **13** seconds. Kerosene flares abvl.
5	Remarks	Apron Lights: Abvl

VGEG AD 2.16 HELICOPTER LANDING AREA

1. As directed by ATC

VGEG AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	Chattogram Control Zone
	Lateral limits	A circle of 25 NM radius centered at Chattogram VOR (221527.9N 0914939.0E)
2	Vertical limits	GND to ft 145 AGL
3	Airspace Classification	C
4	ATS unit call sign Language (S)	Chattogram Tower English
5	Transition altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	Nil

1	Designation	Air Traffic Zone (ATZ)
	Lateral limits	ATZ is oval shaped area joining outer tangents of 5 NM(9km) radius circles centred at the RWY centre and both ends of RWY.
2	Vertical limits	4000 ft ALT
3	Airspace Classification	C
4	ATS unit call sign Language (S)	Chattogram Tower English
5	Transition altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	Nil

VGEG AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designation	Call Sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Aerodrome and Approach Control (Non-radar)	Chattogram Tower	118.400 MHz (PRI) 119.400 MHz (SRY)	HO	EMERG 121.500 MHz E: A3
Surface Movement Control (SMC)	Chattogram Ground	121.800 MHz	HO	EM: A3
ATIS	Chattogram Information	127.600 MHz	HO	

VGEG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid variation	Ident	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elev (ft) of DME Transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	CTG	113.400 MHz	H24	22°15'27.9" N 091°49'39.0" E	---	373 m FM THR RWY 23, EM: A2
DME (En-route)	CTG	1168 MHz	H24	22°15'27.9" N 091°49'39.0" E	44	Co-located with D/VOR, EM: P9
ILS/LOC RWY 23	ICG	110.500 MHz	HO	22°14'20.9" N 091°48'02.2" E	---	280 m FM THR RWY 05
ILS/GP RWY 23	---	329.600 MHz	HO	22°15'20.5" N 091°49'20.5" E	---	Glide slope 3^0, 120 m off set to east of RWY center line and 355 m inward FM THR 23, RDH 61ft
ILS DME RWY 23	ICG	1003 MHz	HO	22°15'20.5" N 091°49'20.5" E	---	Co-located with GP

VGEG AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGEG AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGEG AD 2.22 FLIGHTPROCEDURES

As directed by ATC

VGEG AD 2.23 ADDITIONAL INFORMATION

1. **Aerodrome Reference Code**: **4E**

2. **Smoke from brick fields on short final runway-23**
   There are few brick fields on the eastern side of karnafuli river which falls on the approach path of RWY-23, occasional smoke from the brick fields might reduce visibility on the approach. All pilots are, therefore, advised to exercise caution during approach on RWY-23

3. **Additional Information:**

   (a) There are 2 (two) arresting barriers located at distance of 61 ft. from ends of runway 05 and runway 23 (within runway strips) and barrier base of height 2(two) ft from the surface, located 122 ft. away on each side of the extended center line of the runway 05 & 23.

   (b) The old terminal building (482 ft. from the center line of the runway) itself is not within the runway strip butt creates OLS violation.

   (c) The flight line hanger (Termac-5) is at a distance of 641 ft. from the Centre line of the runway and height above the aerodrome elevation is 35ft. The hanger is located outside the runway strip but violates OLS by 10ft. Southern edge of the tarmac is about 296ft, from the centre line as such aircraft parked on the southern part comes within the runway strip.

LIST OF HIGH MAST/ TOWER/HILL/CHIMNEY/ BUILDING/ BARRIER/ ANTENNA AROUND SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM

SL Nr.	Name of the significant obstacles/obstructions	Co-ordinates of the Obstacle	True Bearing FM REF point	Dist (m) FM ref Point	Elevation AMSL (ft)	LGT
1.	Control Tower	22°14'41.74" N 91°48'48.42" E	214°	1611	120.52	YES
2.	Water Tank	22°14'46.10" N 91°49'01.64" E	203°	1315	150.73	YES
3.	Radar Antenna	22°14'33.10" N 91°48'50.13" E	208°	1815	124.37	YES
4.	GP Antenna, RWY-23	22°15'20.49" N 91°49'20.45" E	174°	148	63.36	YES
5.	DVOR Mast	22°15'27.898" N 91°49'38.97" E	081°	556	43.15	YES
6.	GCA Radar	22°15'11.21" N 91°48'54.799" E	239°	833	62.89	NO
7.	Boat Club	22°15'54.95" N 91°49'44.84" E	038°	1167	75.08	YES
8.	C&E Squadron Building	22°15'29.86" N 91°49'01.47" E	285°	557	134.08	YES
9.	Robi Antenna, Laldiarchar	22°15'25.77" N 91°49'47.71" E	089°	796	125.08	YES
10.	Grameen Antenna, Bijoy Nagar	22°14'53.65" N 91°49'27.20" E	168°	1000	150.05	YES
11.	Radar Mast, Naval Academy	22°13'38.22" N 91°48'01.88" E	214°	3982	180.05	YES
12.	High Tension Grid Line, Salt Gola Crossing	22°18'11.82" N 91°47'47.90" E	332°	5760	343.52	YES
13.	High Tension Grid Line, Char Lakkha	22°18'04.96" N 91°48'13.40" E	339°	5260	338.82	YES
14.	BTCL Tower, T&T Head Office	22°19'29.18" N 91°48'41.15" E	351°	7575	393.78	YES
15.	Radisson Blue	22°20'54.18" N 91°49'23.15" E	0.52°	10112	353.65	YES
16.	BTCL Tower, Paradise Hill	22°20'20.33" N 91°50'02.89" E	007°	9167	409.94	YES
17.	Wide Mobile Tower, Crossing, Patia	22°17'34.99" N 91°52'22.51" E	052°	6575	211.63	YES
18.	Prilling Tower, Anwara	22°13'03.21" N 91°49'37.68" E	173°	4389	278.03	YES
19.	High Tension Grid Line, Approach Funnel Area, Fakirnir Hat, Karnafuly	22°16'25.05" N 91°50'52.98" E	049	2759	126.05	YES

Sl.Nr.	Name of the Critical Points/Obstacles/ Structures	WGS-84 Co-ordinates		Elevation	
		Latitude	Longitude	Feet	Meter
20	AWOAS Antenna, SAIA, Patenga, Chattogram.	22°15'20.45" N	91°49'19.24" E	48.25	14.71
21.	Naval Hanger, SAIA, Airport Road, South Patenga, Chattogram.	22°15'15.22" N	91°49'26.08" E	54.72	16.68
22.	Mobile Tower, BAF Shaheen College, Airport Road, Patenga, Chattogram	22°15'56.60" N	91°48'51.58" E	110.07	33.55
23.	Baraka Patenga Power Ltd., Chinees Gate, Patenga, Chattogram.	22°14'19.24" N	91°48'47.26" E	116.08	35.38
24.	Academic Building BangaBondhu Complex, Naval Academy, Patenga, Chattogram.	22°13'46.68" N	91°48'01.44" E	131.75	40.15
25.	PDB Tower, Inside TSP Complex Area, EPZ, Chattogram.	22°16'22.32" N	91°47'50.80" E	146.87	44.76
26.	15 Storied building (Oporajita), 53, GCO Quarter, Nabik Colony-1, Freeport, EPZ, Chattogram.	22°17'32.82" N	91°46'53.52" E	180.16	54.91
27.	Mobile Tower at Steel Mill Bazar, NarikelTala, Patenga, Patenga, Chattogram.	22°16'32.71" N	91°47'09.82" E	144.21	43.95
28.	Tower of Port Authority, Rubi Cement Factory, 7No.Gate, EPZ, Patenga, Chattogram.	22°16'42.35" N	91°47'50.90" E	120.41	36.70
29.	CO_2Stripper, Chattogram Urea Fertilizer Ltd., Anwara, Anwara, Chattogram.	22°12'55.83" N	91°49'36.20" E	249.50	76.04
30.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'14.40" N	91°50'53.18" E	102.82	31.34
31.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'17.66" N	91°50'46.81" E	115.57	35.23
32.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'20.66" N	91°50'39.78" E	99.21	30.24
33.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'23.66" N	91°50'33.60" E	107.94	32.90
34.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'27.97" N	91°50'24.40" E	106.77	32.54

36.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'32.44" N	91°50'14.92" E	100.11	30.51
37.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'40.46" N	91°50'09.31" E	104.29	31.79
38.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'47.72" N	91°50'04.52" E	85.89	26.18
39.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'15.74" N	91°50'54.03" E	122.86	37.45
40.	High Tension Grid Line, Approch FanelArea, Fakirnir Hat, Karnafuly, Chattogram.	22°16'32.33" N	91°50'59.48" E	99.78	30.41
41.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'38.55" N	91°51'04.86" E	118.93	36.25
42.	Robi Tower, Kutub Fakir Para, Juldha, Fakirnir Hat, Karnafuly, Chattogram.	22°16'13.15" N	91°50'35.19" E	117.42	35.79
43.	Flare Chimney, Eastern Refinary, Patenga, Patenga, Chattogram.	22°15'45.82" N	91°47'57.18" E	97.57	29.74
44.	White Tower, Eastern Refinary, Patenga, Patenga, Chattogram.	22°15'55.53" N	91°48'00.33" E	158.82	48.41
45.	HTB Brick Field Chimney, Juldha, Fakirnir Hat, Karnafuly, Patia,Chattogram.	22°16'24.55" N	91°50'06.62" E	52.07	15.87
46.	TMB Brick Field Chimney, Juldha, Fakirnir Hat, Karnafuly, Patia, Chattogram.	22°16'26.25" N	91°50'04.22" E	98.82	30.12
47.	JBM Brick Field, Juldha, Fakirnir Hat, Karnafuly, Patia, Chattogram.	22°16'27.66" N	91°49'57.77" E	101.49	30.93
48.	Sitakundo Hill Temple, Sitakundo, Chattogram.	22°38'00.69" N	91°41'02.74" E	1162.40	354.28
49.	Tower (Electric Pole)at Sitakundo Hill Temple, Sitakundo, Chattogram.	22°38'00.06" N	91°41'02.68" E	1155.56	352.20

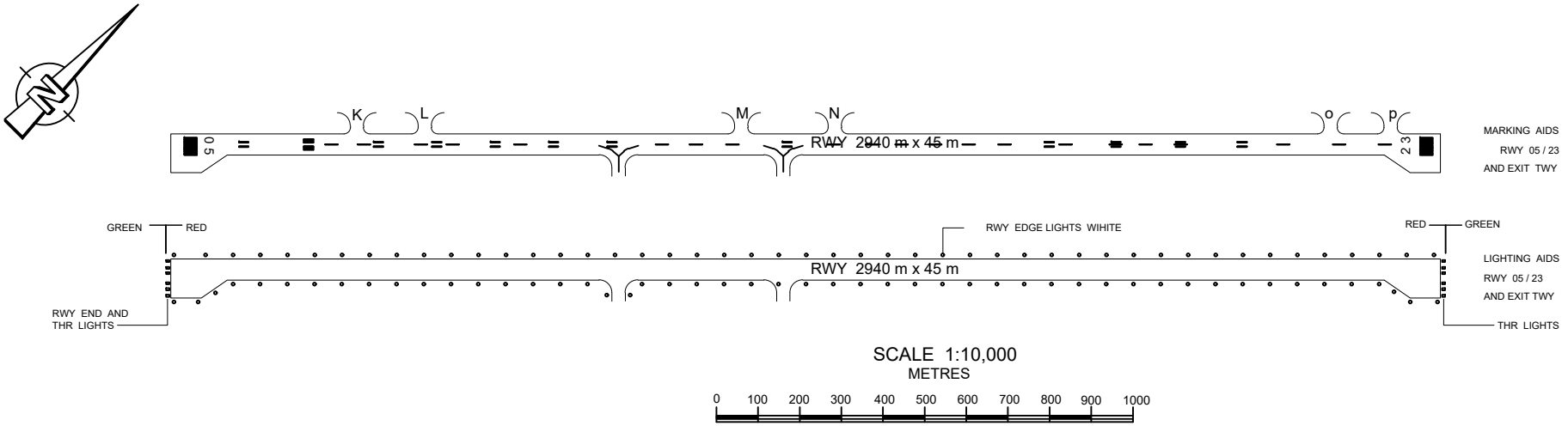
VGEG AD 2.24 CHARTS RELATED TO SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM

ICAO CHARTS		
NR	**Chart Type**	**Page NR (VGEG)**
1.	Aerodrome Chart	AD 2-11
2.	Parking Chart	AD 2-13
3.	Aerodrome Obstacle Chart–ICAO Type A	AD 2-14
4.	Instrument Approach Chart	AD 2-15 to AD 2 -29

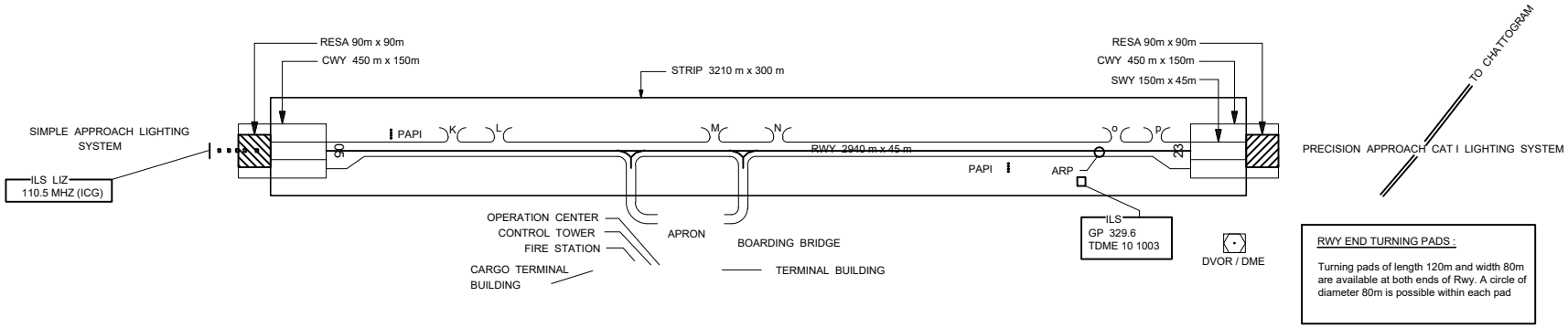
AERODROME CHART-ICAO

SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM

MAGNETIC VARIATION 1° W



SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM



RWY END TURNING PADS :

Turning pads of length 120m and width 80m are available at both ends of Rwy. A circle of diameter 80m is possible within each pad

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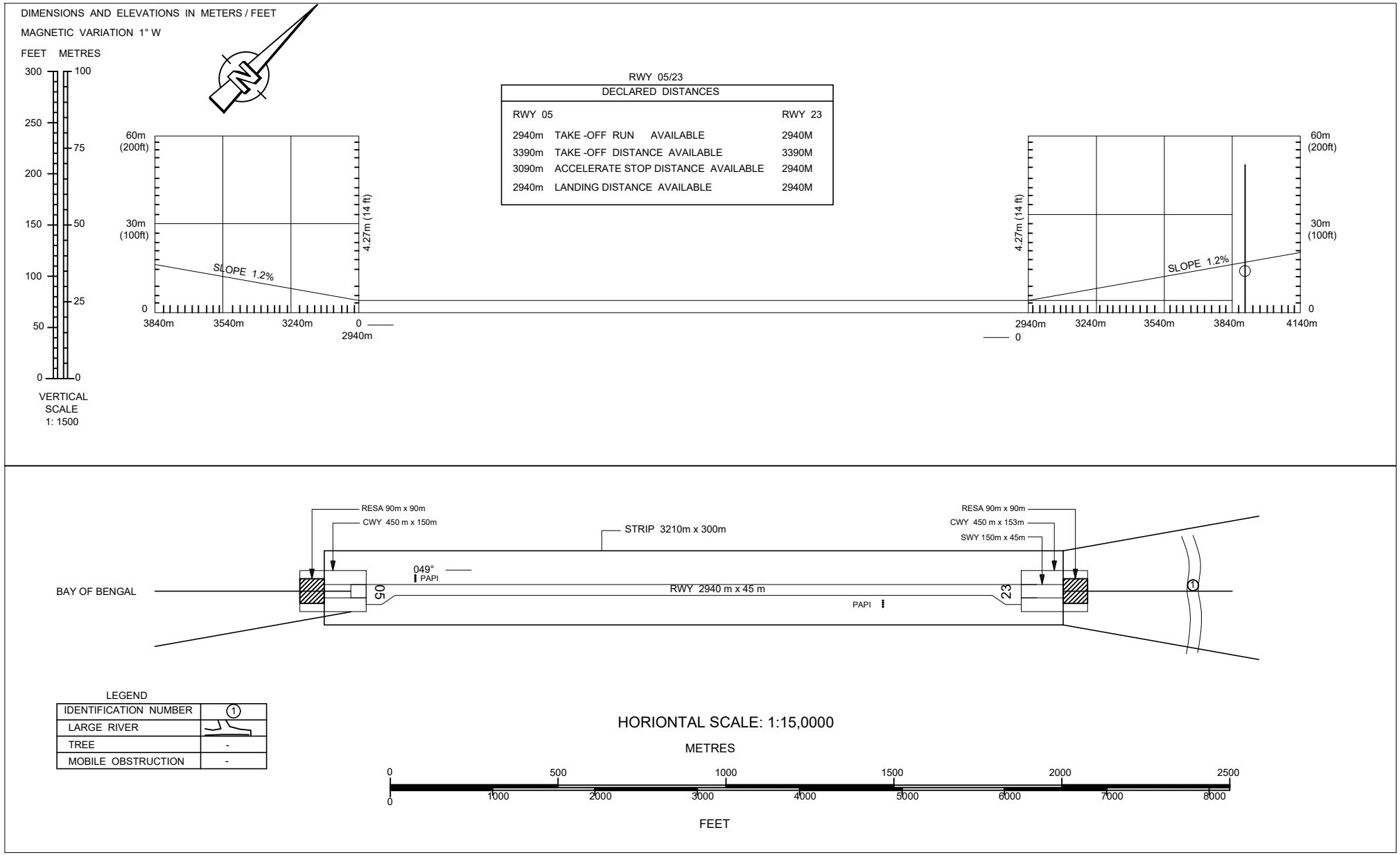
AERODROME OBSTACLE CHART - ICAO TYPE A

SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM



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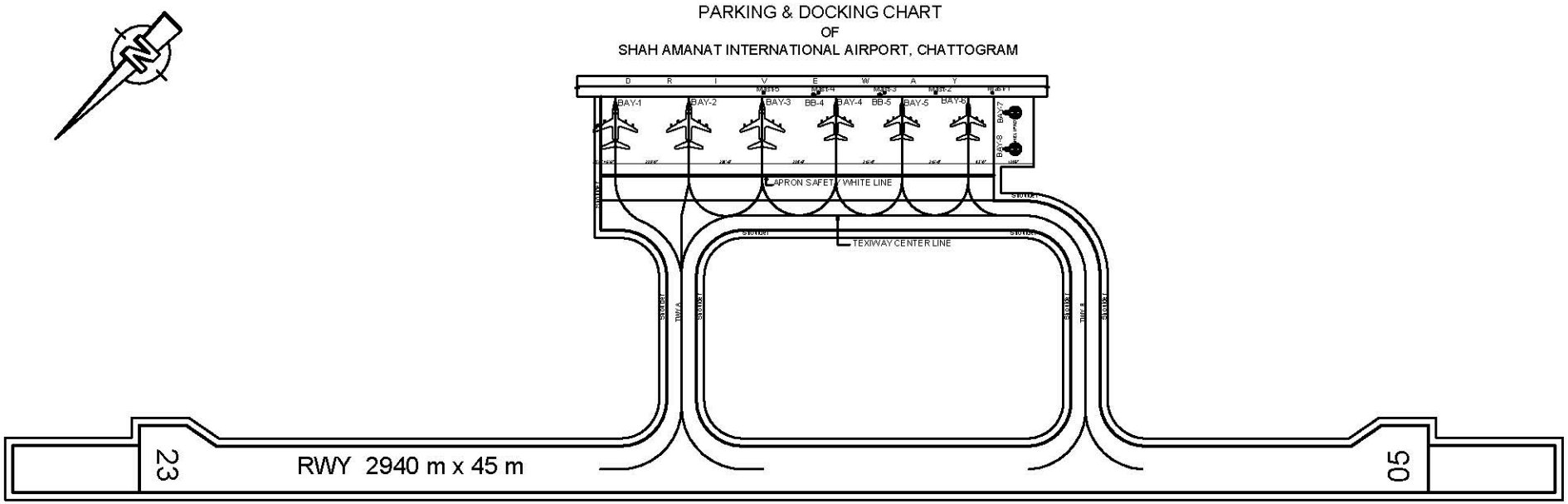
PARKING AND DOCKING CHART

SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM

MAGNETIC VARIATION 1° W



BAY 1-22°14'51.16"N, 091°48'58.14"E
BAY 2-22°14'49.60"N, 091°48'56.25"E
BAY 3-22°14'48.03"N, 091°48'54.35"E
BAY 4-22°14'46.46"N, 091°48'52.46"E
BAY 5-22°14'45.05"N, 091°48'50.75"E
BAY 6-22°14'43.64"N, 091°48'49.05"E
BAY 7-22°14'43.21"N, 091°48'47.63"E
BAY 8-22°14'44.08"N, 091°48'46.80"E

Electrical Mast Hight 25m

Mast 1-22°14'43.20"N, 091°48'48.42"E
Mast 2-22°14'44.28"N, 091°48'50.04"E
Mast 3-22°14'45.42"N, 091°48'51.12"E
Mast 4-22°14'46.80"N, 091°48'53.04"E
Mast 5-22°14'47.94"N, 091°48'54.36"E

BB 4-22°14'46.98"N, 091°48'51.72"E
BB 5-22°14'45.60"N, 091°48'51.12"E

Location Spelling Corrected

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INSTRUMENT
APPROACH CHART
CHART-ICAO

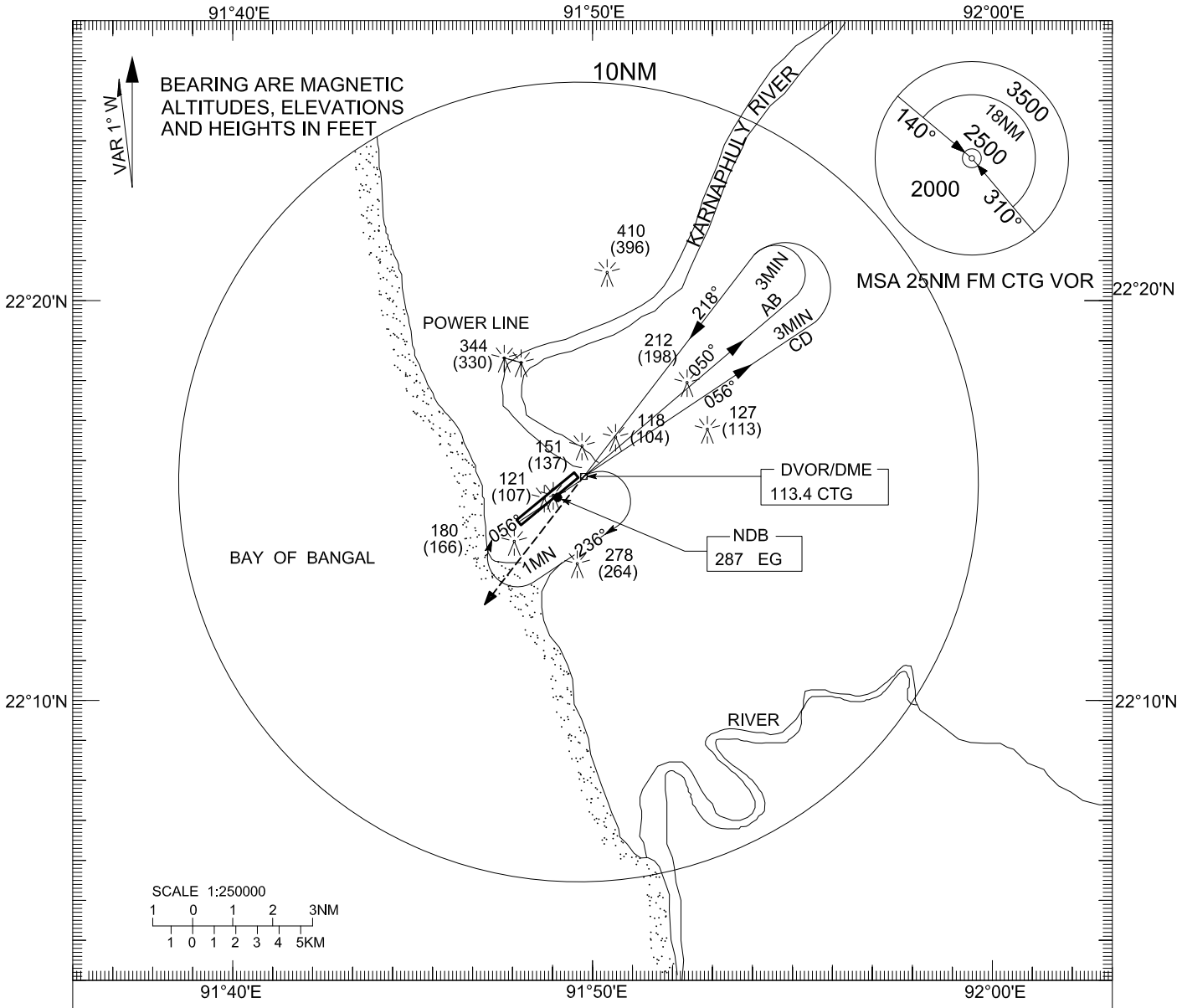
ELEV 14FT
HEIGHTS RELATED
TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

CHATTOGRAM, BANGLADESH

SHAH AMANAT INT'L. AIRPORT

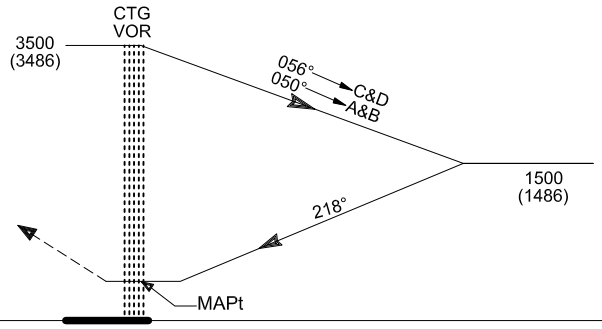
VOR Rwy 23



TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 1500FT/457m ON
TRACK 220° CONTACT ATC FOR
FURTHER INSTRUCTION



7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 NM

CATEGORY OF ACFT		A	B	C	D
OCA (H)		520(506)			
Speed	KNOTS	91	91-120	121-140	141-165
Met Minima	VIS(m)	1600	2000	2400	2400
(With full Facilities					

NOTE :-
CAUTION FOR PASSING SHIPS AT THE APPROACH AREA RWY 23 MAST HEIGHT 150FT AMSL APRX.

CHANGE: MSA

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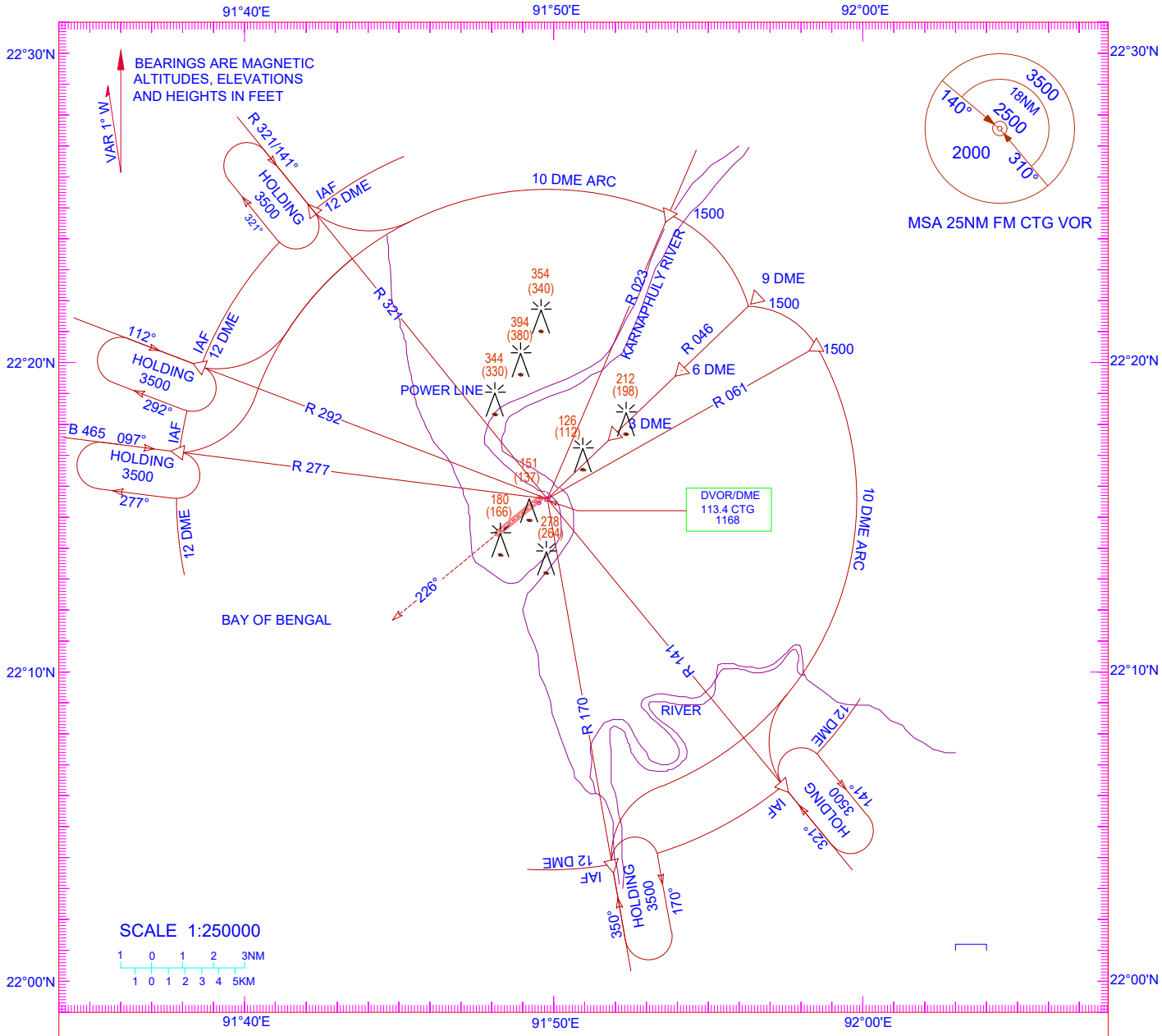
INSTRUMENT
APPROACH
CHART-ICAO

ELEV 14 FT
HEIGHTS RELATED
TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

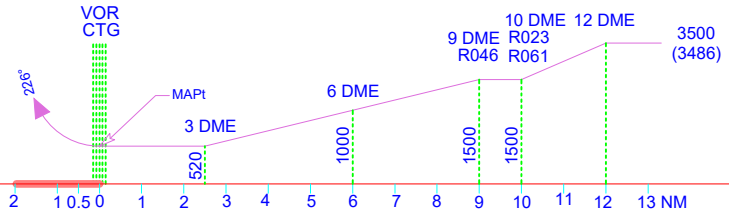
CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
VOR DME-ARC Rwy 23



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 2000FT/610M ON
TRACK 226° CONTACT ATC
FOR FURTHER INSTRUCTION



CATEGORY OF ACFT		A	B	C	D
OCA (H)		520(506)			
SPEED	KNOTS	≤91	91-120	121-140	141-165
MET MINIMA (With full Facilities)	VIS(m)	1600	2000	2400	2800

NOTE :-
CAUTION FOR PASSING SHIPS AT THE APPROACH AREA RWY 23 MAST HEIGHT APRX.150FT AMSL DISTANCE APRX.1000m FROM THR RWY 23

CHANGE: 1. Transition FM IAF on R277 to ARC is added
2. One IAF position is changed FM R291 to R292
3. Missed Approach Track 226 degree

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INSTRUMENT APPROACH CHART-ICAO

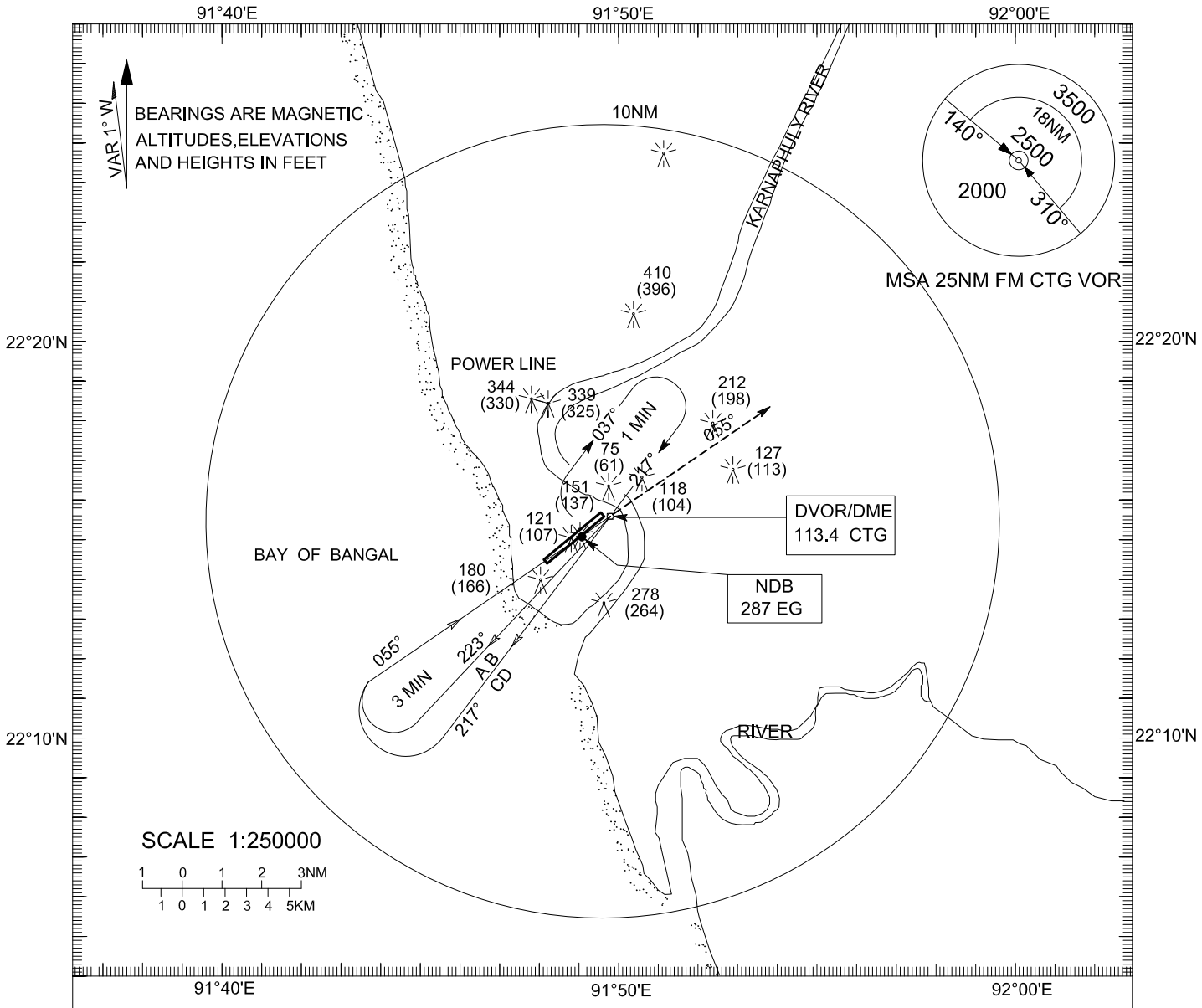
ELEV 14FT
HEIGHTS RELATED TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

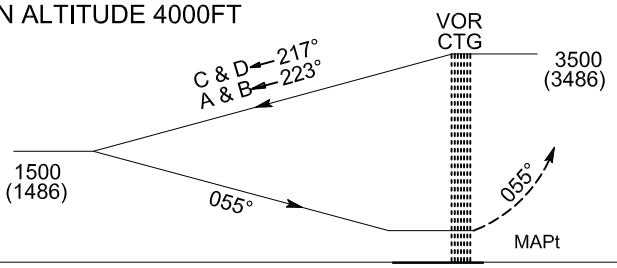
CHATTOGRAM, BANGLADESH

SHAH AMANAT INT'L. AIRPORT

VOR Rwy 05



TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT



MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 055° CONTACT ATC FOR FURTHER INSTRUCTION

8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 NM

CHANGE: MSA

CATEGORY OF ACFT		A	B	C	D
OCA (H)		520(506)			
Speed	KNOTS	91	91-120	121-140	141-165
Met Minima (Basic facilities)	VIS(m)	1600	2000	2400	2800

NOTE :-
CAUTION FOR PASSING SHIPS AT THE APPROACH AREA RWY 23 MAST HEIGHT 150FT AMSL APRX.

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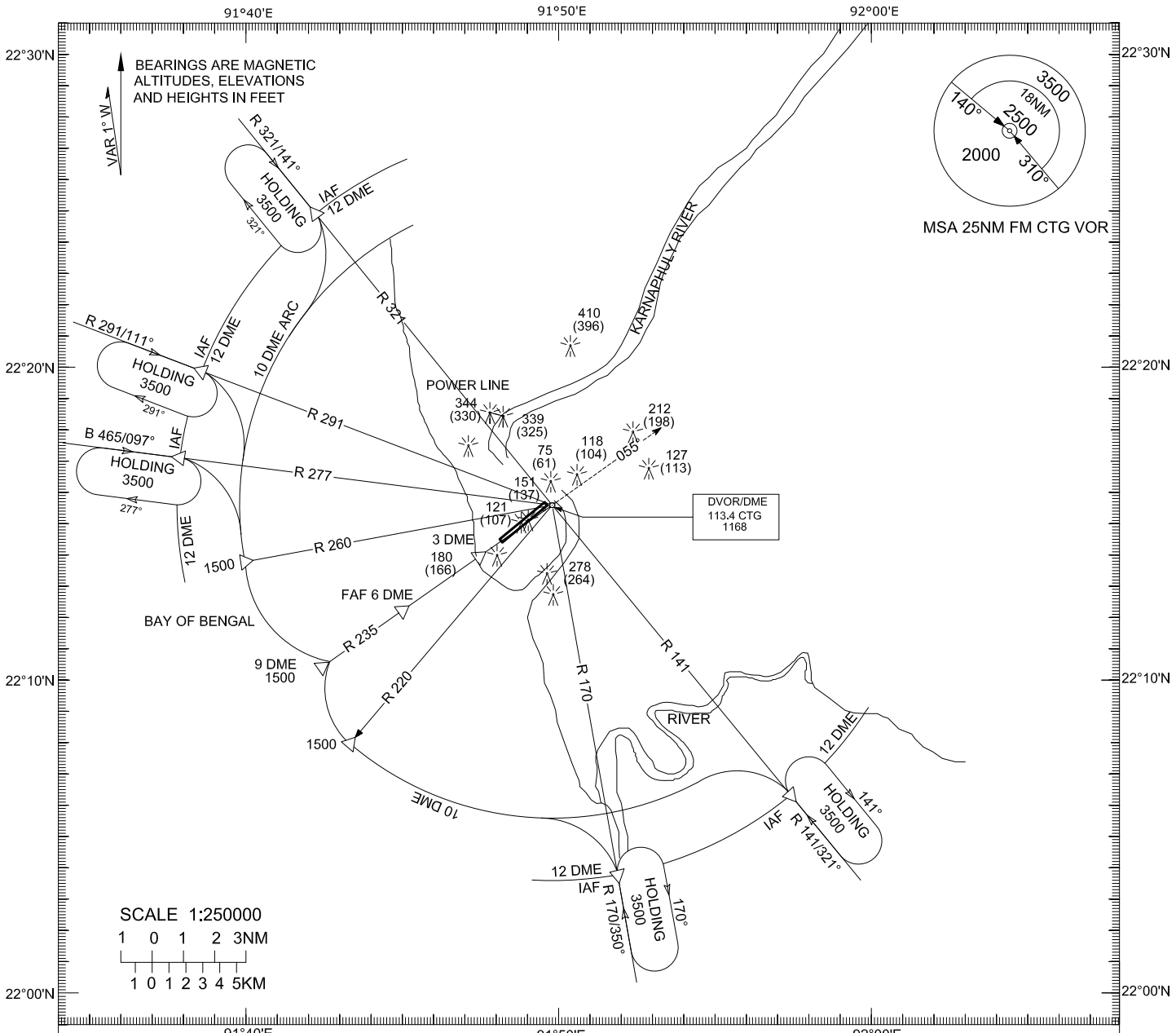
INSTRUMENT APPROACH CHART-ICAO

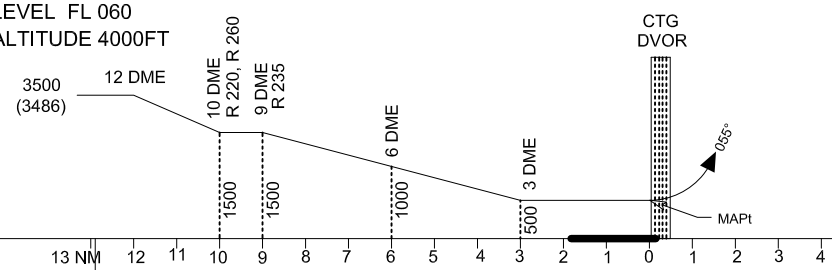
ELEV 14 FT
HEIGHTS RELATED TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
VOR DME ARC Rwy 05



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT



MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 055° CONTACT ATC FOR FURTHER INSTRUCTION

CHANGE: MSA

CATEGORY OF ACFT		A	B	C	D
OCA (H)		500(486)			
SPEED	KNOTS	≤91	91-120	121-140	141-165
MET MINIMA (Basic facilities)	VIS(m)	1600	2000	2400	2800

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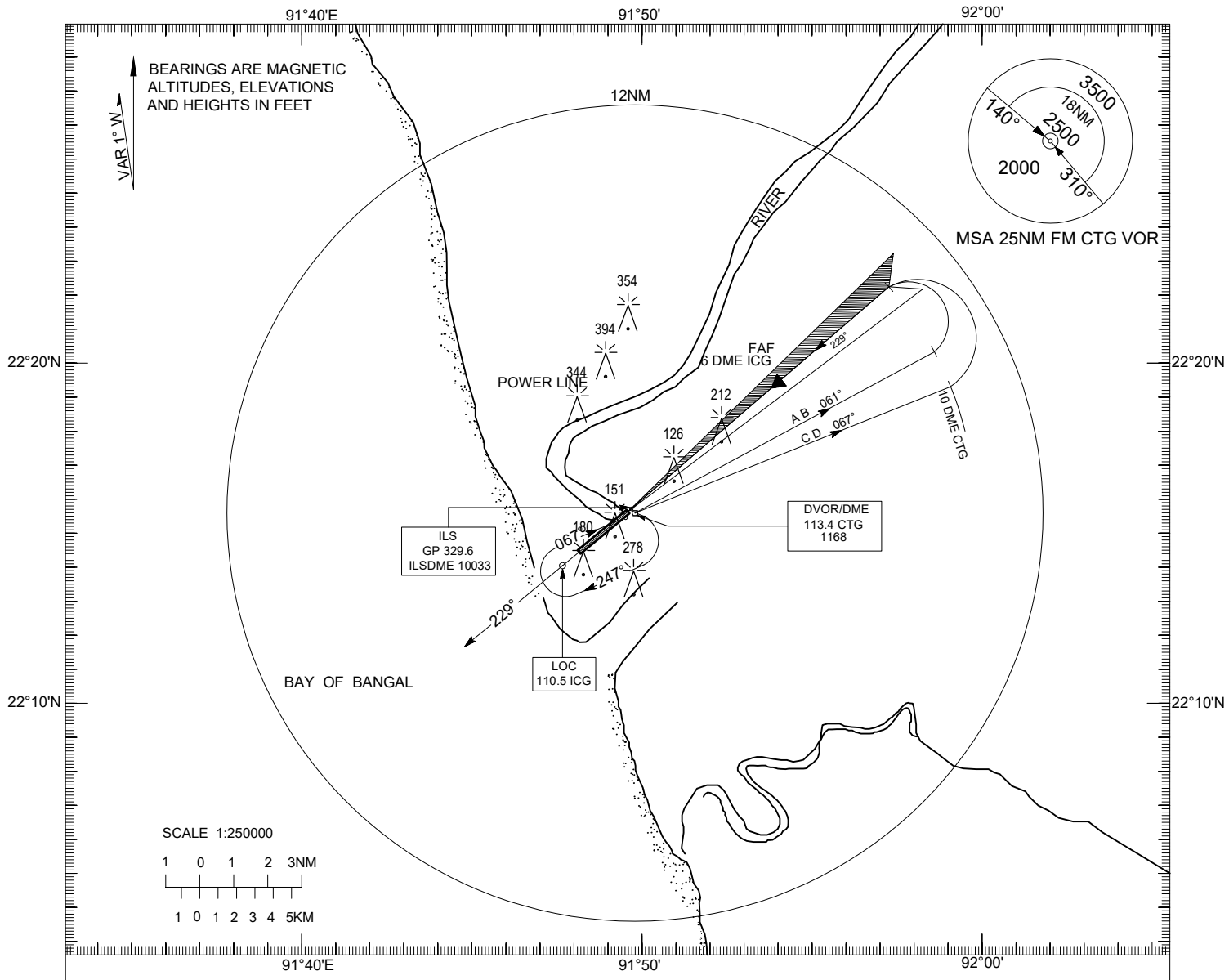
INSTRUMENT
APPROACH
CHART-ICAO

ELEV 14 FT
HEIGHTS RELATED
TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

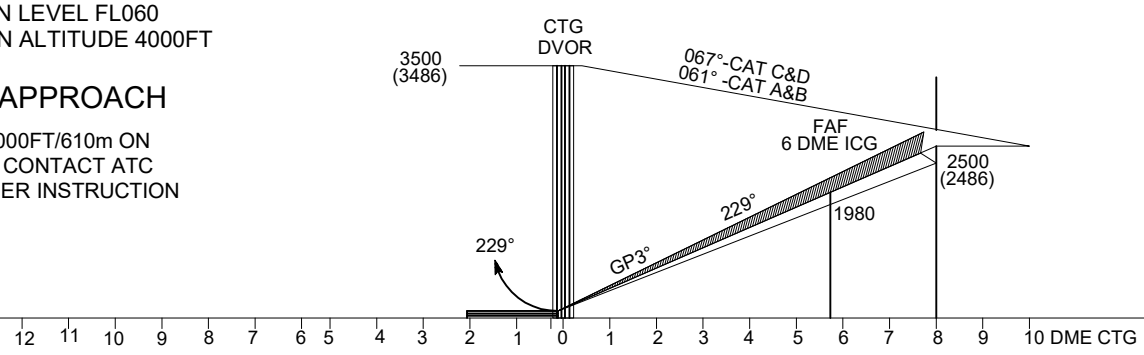
CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
VOR ILS DME RWY 23



TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 2000FT/610m ON
TRACK 229° CONTACT ATC
FOR FURTHER INSTRUCTION



CATEGORY OF ACFT			A	B	C	D
OCA (H)		FULL	314(300)	326(312)	334(320)	345(331)
		GP OUT	430(416)			
DISTANCE	6 DME	5 DME	4 DME	3 DME	2 DME	1 DME
ALTITUDE	1980	1660	1342	1024	704	384
(HEIGHT)	(1966)	(1646)	(1328)	(1010)	(690)	(370)

CAT		A	B	C	D
SPEED	KNOTS	90	120	150	160
RATE OF DESCENT/GS	FT/MIN	400	635	795	955
FAF TO THR 23 6 NM	MIN:S	4:06	3:04	2:27	2:03
MET MINIMA(M) VIS (RVR)	FULL	1000 (800)			
	ALS OUT	1400			
	GP OUT	2400			

CHANGE: MM deleted and Obstacle information has ben corrected

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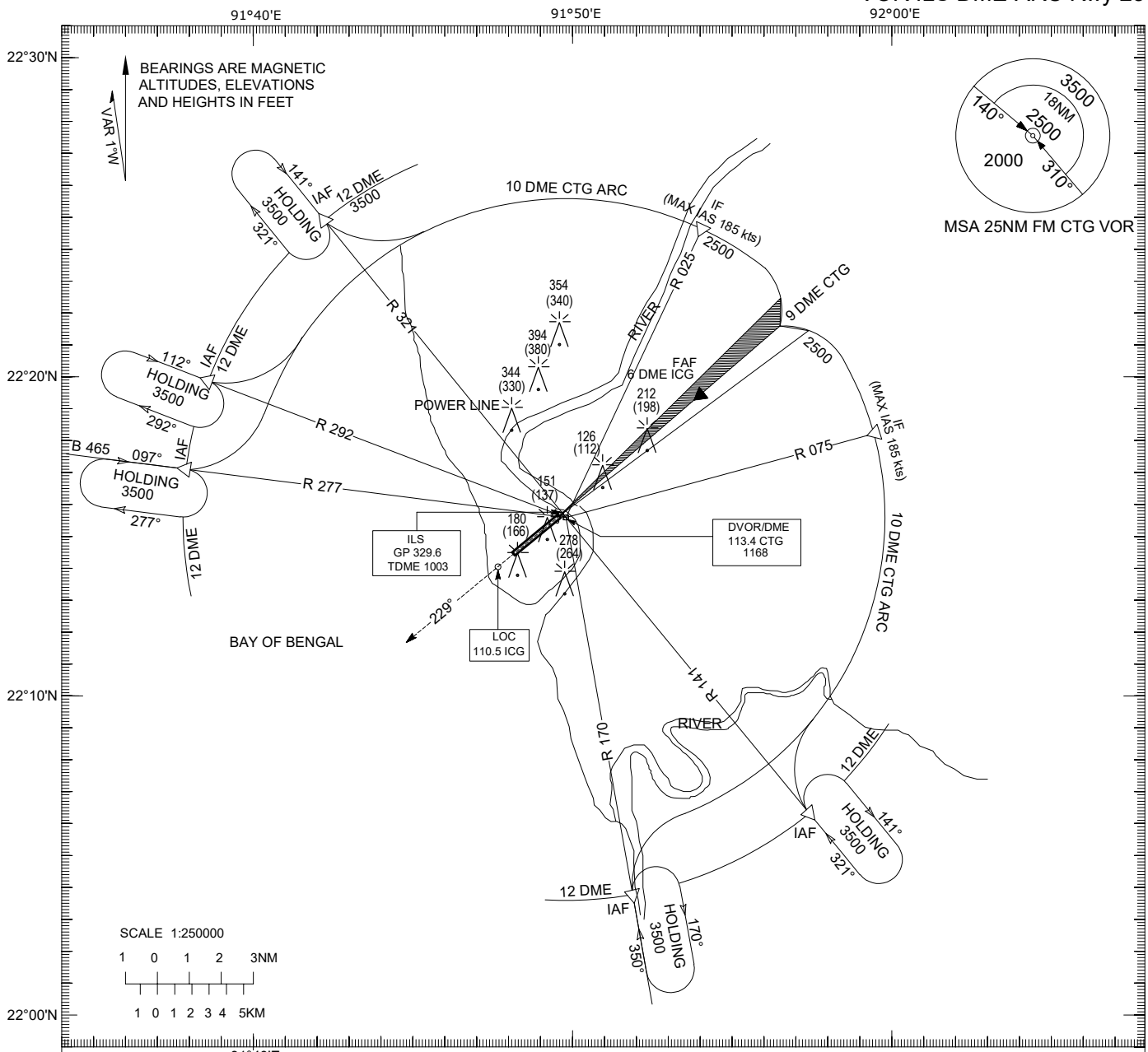
INSTRUMENT APPROACH CHART-ICAO

ELEV 14 FT
HEIGHTS RELATED TO AD ELEV

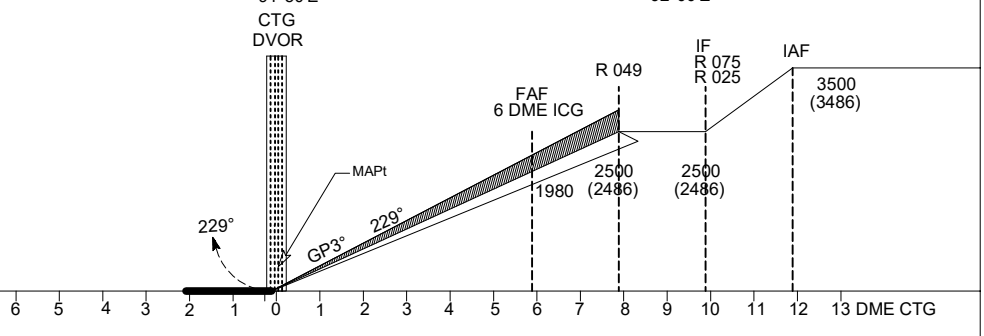
TWR 118.4(PRI)
119.4(SRY)

CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
VOR ILS DME-ARC Rwy 23



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

CLIMB TO 2000FT/610M ON TRACK 229° CONTACT ATC FOR FURTHER INSTRUCTION



CATEGORY OF ACFT			A	B	C	D
OCA (H)		FULL	314(300)	326(312)	334(320)	345(331)
		GP OUT (CDFA)	430(416)			
DISTANCE	6 DME	5 DME	4 DME	3 DME	2 DME	1 DME
ALTITUDE	1980	1660	1342	1024	704	384
(HEIGHT)	(1966)	(1646)	(1328)	(1010)	(690)	(370)

CAT		A	B	C	D
SPEED	KNOTS	90	120	150	160
RATE OF DESCENT/GS	FT/MIN	400	635	795	955
FAF TO THR 23 6 NM	MIN:S	4:06	3:04	2:27	2:03
MET MINIMA(M) VIS (RVR)	BALS	1000 (800)			
	NALS	1400			
	GP OUT	2400			

CHANGE: MM has been deleted

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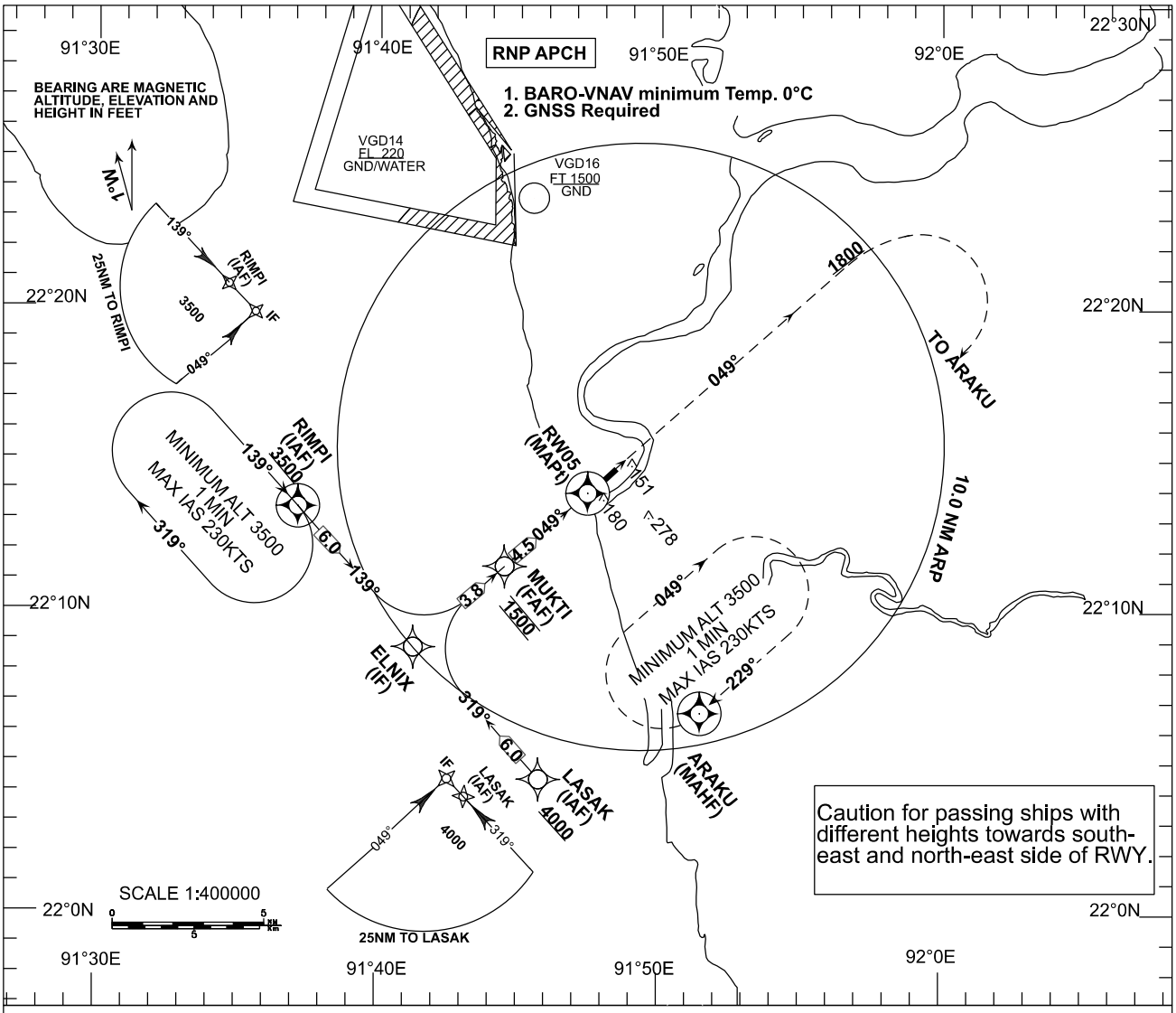
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 14 (ft)
OCH RELATED TO
THR RWY 05-ELEV 14(ft)

TWR: 118.4 MHZ(PRI)
119.4 MHZ(Stand by)
SMC: 121.8 MHZ

CHITTAGONG, BANGLADESH
SHAH AMANAT INTERNATIONAL AIRPORT (VGEG)
RNP RWY 05 (LNAV/VNAV ONLY)

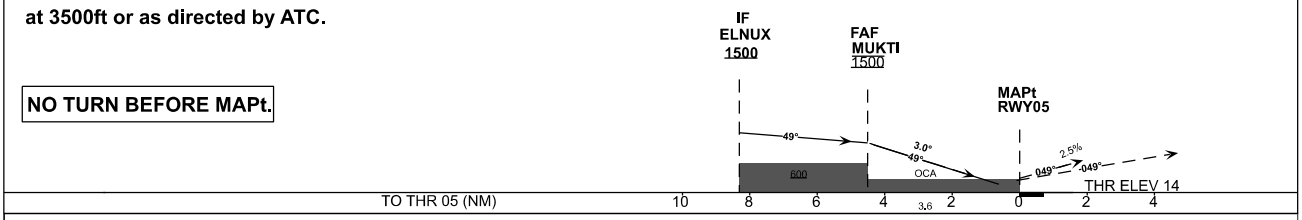


MISSED APPROACH:

Climb on course 049° at or above 1800ft, then turn right direct to ARAKU for holding at 3500ft or as directed by ATC.

NO TURN BEFORE MAPt.

TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT



CATEGORY OF ACFT		A	B	C	D
OCA(OCH)	LNAV/VNAV	341(327)			
	LNAV (CDFA)	410(396)			
DISTANCE	5 NM	4 NM	3 NM	2 NM	1 NM
ALTITUDE	1660	1340	1020	710	390
(HEIGHT)	(1646)	(1326)	(1006)	(696)	(376)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955

Type of Approach	Visibility Minima(m)	
	BALS	NALS
LNAV/VNAV	1500	2000
LNAV (CDFA)	1900	2300

CODING TABLE

TABULAR DESCRIPTION

SLNo	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	RIMPI	-	-	-	-	+3500	-230	-	RNP APCH
20	TF	ELNIX	-	139° (138.33°)	-	6.0	+1500	-200	-	RNP APCH
10	IF	LASAK	-	-	-	-	+4000	-230	-	RNP APCH
20	TF	ELNIX	-	319° (318.33°)	-	6.0	+1500	-200	-	RNP APCH
10	IF	ELNIX	-	049° (048.33°)	-	-	+1500	-200	-	RNP APCH
20	TF	MUKTI	-	049° (048.33°)	-	3.8	@1500	-	-	RNP APCH
30	TF	RW05	Y	049° (048.33°)	-	4.5	@64	-	-3.0/50	RNP APCH
40	CA	RW05	-	049° (048.33°)	-	-	+1800	-	-	RNP APCH
50	DF	ARAKU	Y	-	R	-	-	-230	-	RNP APCH
60	HM	ARAKU	Y	229° (228.33°)	R	-	3500	-230	-	RNP APCH

WAYPOINT LIST

RNP RWY05 (LNAV/VNAV only)	
WAYPOINT IDENTIFIER	**COORDINATES**
RIMPI (IAF)	N 22:13:24.49 E 91:37:10.73
LASAK (IAF)	N 22:04:24.78 E 91:45:46.38
ELNIX (IF)	N 22:08:54.69 E 91:41:28.69
MUKTI (FAF)	N 22:11:26.83 E 91:44:32.15
RW05 (MAPt)	N 22:14:27.00 E 91:48:09.51
ARAKU (MAHF)	N 22:06:35.30 E 91:51:26.51

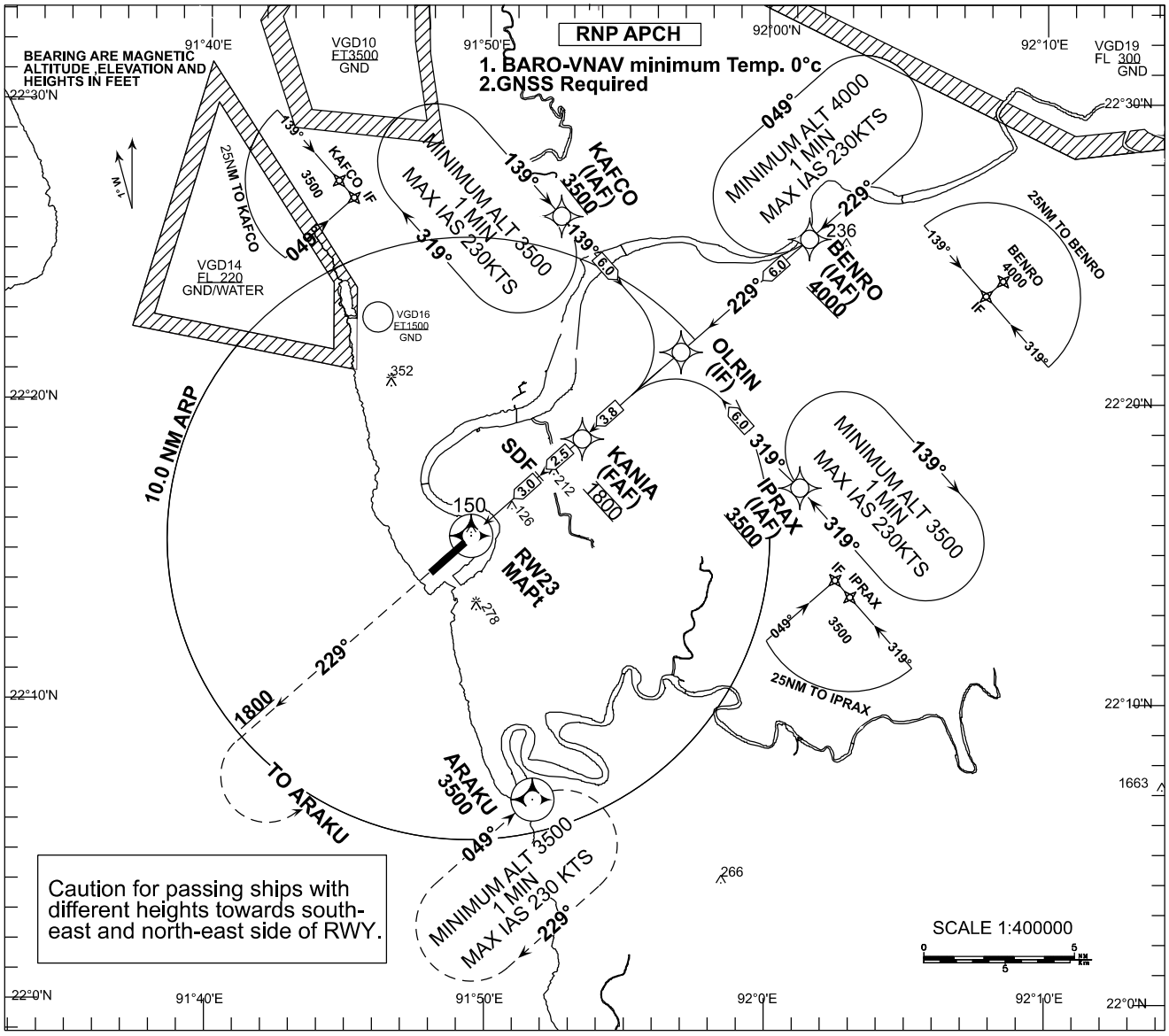
Change: THR05 Coordinates

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 14 (ft)
OCH RELATED TO THR RWY 23-ELEV 14(ft)

TWR : 118.4 MHZ (PRI)
119.4 MHZ (Stand by)
SMC : 121.8 MHZ

CHITTAGONG, BANGLADESH
SHAH AMANAT INTERNATIONAL AIRPORT (VGEG)
RNP RWY 23 (LNAV/VNAV ONLY)



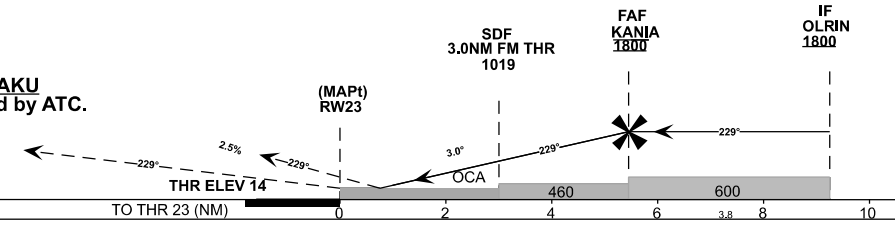
TRANSITION LEVEL FL 060

TRANSITION ALTITUDE 4000FT

MISSED APPROACH

Climb on course 229° at or above 1800ft, then turn Left direct to ARAKU for holding at 3500ft or as directed by ATC.

NO TURN BEFORE MAPt.



CATEGORY OF ACFT		A	B	C	D
OCA(OCH)	LNAV/VNAV	311(297)			
	LNAV (CDFA)	400(386)			
DISTANCE	5 NM	4 NM	3 NM	2 NM	1 NM
ALTITUDE	1660	1340	1020	710	390
(HEIGHT)	(1646)	(1326)	(1006)	(696)	(376)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955

Type of Approach	Visibility Minima (m)		
	FALS	BALS	NALS
LNAV/VNAV	900	1200	1800
LNAV (CDFA)	1400	2000	2300

CODING TABLE

TABULAR DESCRIPTION

SL NO	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	IPRAX	-	-	-	-	+3500	-230	-	RNP APCH
20	TF	OLRIN	-	319° (318.38°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	KAFCO	-	-	-	-	+3500	-230	-	RNP APCH
20	TF	OLRIN	-	139° (138.38°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	BENRO	-	-	-	-	+4000	-230	-	RNP APCH
20	TF	OLRIN	-	229° (228.39°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	OLRIN	-	-	-	-	+1800	-200	-	RNP APCH
20	TF	KANIA	-	229° (228.37°)	-	3.8	@1800	-	-	RNP APCH
30	TF	RW23	Y	229° (228.34°)	-	5.4	@64	-	-3.0/50	RNP APCH
40	CA	RW23	-	229° (228.34°)	-	-	+1800	-	-	RNP APCH
50	DF	ARAKU	Y	-	L	-	-	-230	-	RNP APCH
60	HM	ARAKU	Y	049° (048.33°)	R	-	3500	-230	-	RNP APCH

WAYPOINT LIST

RNP RWY23 (LNAV/VNAV only)	
WAYPOINT IDENTIFIER	COORDINATES
KAFCO(IAF)	N 22:26:10.52 E 91:52:35.35
BENRO(IAF)	N 22:25:40.35 E 92:01:43.95
IPRAX(IAF)	N 22:17:10.39 E 92:01:11.25
OLRIN(IF)	N 22:21:40.51 E 91:56:53.44
KANIA(FAF)	N 22:19:08.54 E 91:53:49.59
RW23(MAPt)	N 22:15:30.50 E 91:49:26.26
ARAKU(MAHF)	N 22:06:35.30 E 91:51:26.51

Change: THR23 Coordinates

VGSY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGSY – OSMANI INTERNATIONAL AIRPORT, SYLHET

VGSY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP coordinates and site at AD	245740.83N 0915217.89E in the RWY
2	Distance and direction from city	05 NM N/NE of Town
3	AD elevation/reference temperature	50 ft /35.4^{0}C
4	MAG VAR /Annual change	1^0 W (2020) Annual change 2'W
5	AD administration, address, telephone, fax, AFS	Civil Aviation Authority of Bangladesh Postal address: Director, Osmani International Airport, Sylhet, Postal code 3102, Bangladesh Telephone: Director: 02996631143 Control TWR: 02996634315 AFS: VGSYZTZX
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGSY AD 2.3 OPERATIONAL HOURS

SL Nr.	Services	Hours
1	Aerodrome Administration	As per government declared office hour. FRI & SAT holiday
2	Custom and Immigration	HO
3	Health and Sanitation	HO
4	AIS briefing office	NIL
5	ATS reporting office (ARO)	HO
6	MET briefing office	HO
7	Air traffic service	HO
8	Fueling	HO
9	Handling	HO
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGSY AD 2.4 HANDLING SERVICES AND FACILITIES

Manual Handling

VGSY AD 2.5 PASSENGER FACILITIES

1	Hotels	AVBL within 2 Km FM airport
2	Restaurant accommodation	Limited at the airport
3	Transportation available	Taxies, Microbus, Car, Auto rickshaws
4	Medical facilities	Only first Aids AVBL.
5	Banks	AVBL
6	Tourist office	AVBL within 2 KM FM airport
7	Remarks	NIL
9	Post Office	NIL

VGSY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fighting	CAT : 8
2	Rescue Equipment	AVBL to meet the ICAO requirement for CAT 8
3	Disabled Aircraft Removal	NIL
4	Remarks	NIL

VGSY AD 2.7 SEASONAL AVAILABILITY CLEARING

1.7.1 The airport is available for all seasons. Side stripes become unusable during monsoon. There is no requirement for clearing.

VGSY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Bituminous Concrete Strength: PCN 40/F/C/Y/T (old apron), 70/R/C/X/T (new apron)
2	Taxiway width, surface and strength	Width : 75 ft Surface: Bituminous Concrete Strength: PCN 40/F/C/Y/T (Taxiway-A), 101/F/C/X/T (Taxiway-B)
3	Altimeter checkpoint location and elevation	Not designated
4	INS Checkpoints check point	NIL
5	INS Checkpoints	NIL
6	Remarks	NIL

VGSY AD 2.9 SURFACE MOVEMENT GUIDANCE, CONTROL SYSTEM AND MARKINGS

1	Stand identification/taxiway guidelines/ visual docking/parking guidance	Taxiing guidance signs at intersection with TWY and RWY. Guidance at apron: Nose-in guidance at aircraft stands. - Due to parking and maneuvering problem, all ACFT with wing-span more than 80ft operating to/fm Osmani International Airport are required to have tow bar for pushback.
2	RWY and TWY markings and LGT	RWY marking aids: THR, Centre line, RWY designator all runways, Touchdown zone marking. TWY marking aids: TWY centerline, RWY Holding Position
→ 3	Stop bars	Stop bars lights are available in TWY B.
4	Remarks	NIL

VGSY AD 2.10 AERODROME OBSTACLES

SL Nr	Name of the significant obstacles/obstructions	Coordinates of the Obstacle	True Bearing FM REF point	Dist FM REF Point (m)	Elevation AMSL (ft)
	DVOR	245747.75 N 915142.06 E	283.20	1019	74
	AWOS	245801.83 N 915112.79 E	---	---	63
	Control Tower	245731.19 N 915214.92 E	197.39	278	118
	Light Mast-01	245727.10 N 915216.77 E	184.64	407	127
	Light Mast-02	245726.12 N 915219.05 E	175.77	426	127
	Light Mast-03	245725.19 N 915221.04 E	---	---	127
	Light Mast-04	245724.38 N 915223.06 E	---	---	127
	Light Mast-05	245732.65 N 915209.65 E	227.07	315	133
	Light Mast-06	245727.10 N 915213.11 E			130
	Grand Sylhet (building)	245718.46 N 915140.35 E	236.15	1241	195.
	Mobile Antenna Tower	245708.25 N 915151.19 E	216.88	1241	215
	TV Mast	245338.20 N 915245.70 E	180	17594	499
	Chimney-1	245815.08 N 915152.25 E	313.44	1593	123
	Chimney-2	245823.80 N 915133.10 E	---	---	143
	Jalalabad GAS Transmission building	245302.76 N 915253.37 E	174	8619	226
	Kailastila Gas Field	245204.96 N 920124.40 E	124	18521	226
	Hill Side Apartment	245706.47 N 915152.25 E	---	---	173
	App Path-29 Elec. Pole	245726.13 N 915258.89 E	---	---	88
	RAB Mast, Rab-9 Majortila, Islampur	245350.87 N 915433.52 E	---	---	218
	Radio Mast, Majortila, Islampur	245338.20 N 915422.34 E	---	---	416
	Jhanditila, Near Kalagul Tea Garden, Khadimnagar.	245630.58 N 915513.60 E	---	---	243

VGSY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	Osmani Int'l Airport Sylhet (VGSY)
2	Hours of service	HO
3	Office responsible for TAF preparation Periods of validity (hours)	Hazrat Shahjalal Int'l (VGHS) 6
4	Type of landing forecast Interval of issuance	--
5	Briefing/consultation provided	Provided at VGHS
6	Flight documentation Languages used	C, PL English
7	Charts and other information available for briefing or consultation	--
8	Supplementary equipment available for providing information	--
9	ATS units provided with information	TWR
10	Additional information	Tel: NIL

VGSY AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR elevation (ft)	Slope of RWY-SWY
1	2	3	4	5	6	7
11	112.26^0	3125X45	PCN 101/F/C/X/T (RWY) PCN 89/F/C/X/T (SWY) Bituminous Concrete	245809.25 N 0915104.29 E	50	0.16 %
29	292.26^0	3125X45		245729.65 N 0915246.85 E	50	0.16 %

Designator RWY NR	SWY Dimensions (m)	CWY Dimensions (m)	Strip Dimensions (m)	RESA(m)	OFZ	Remarks
1	8	9	10	11	12	13
11	95 X 45	275 X 150	3312 X 300	90x90	within the clearway	NIL
29	67 X 45	905 X 150	3312 X 300	90x90	within the clearway	

VGSY AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	REMARKS
1	2	3	4	5	6
11	3125	3400	3220	3125	NIL
29	3125	4030	3192	3035	Due displaced threshold (245730.79 N 0915243.89 E)

VGSY AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH	THR	VASIS PAPI	TDZ	RWY Centre line	RWY edge	END & WBAR	STW LGT	Remarks
1	2	3	4	5	6	7	8	9	10
11	Precision approach lighting system (CAT-1)	Six Green LGT	3^0 PAPI	AVBL 30m apart	AVBL 15m apart	AVBL 60m Apart Lights Intensity 1%, 3%. 10%, 30%, 100%	AVBL	NIL	
29	Simple approach lighting system	Six Green LGT	3^0 PAPI	NIL			AVBL	NIL	

VGSY AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPL

1	ABN/ IBN location, characteristics and hours of operation	ABN is atop of the control tower and available for hours of operation. IBN not available.
2	LDI location and LGT Anemometer location and LGT	Nil Atop control TWR, LGT
3	TWY edge and center line lighting	Edge: AVBL Center line: Nil
4	Secondary power supply switch-over time	During main power supply failure, Automatic standby generator power supply available within 15 seconds.
5	Remarks	Apron lights avbl

VGSY AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGSY AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	Sylhet Control Zone (CTR)
	Lateral limits	A circle of 20 NM radius centered at Sylhet VOR (245747.75 N 915142.06 E) except that portion which falls within Kolkata/Guwahati FIR
2	Vertical limits	GND to FL 075 AGL
3	Airspace Classification	C
4	ATS unit call sign Language (S)	Sylhet Tower English
5	Transition altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	Nil

1	Designation	Aerodrome Traffic Zone (ATZ)
	Lateral limits	ATZ is oval shaped area joining outer tangents of 5 NM (9KM) radius circles centered at the RWY centre and both ends of RWY
2	Vertical limits	4000 ft (ALT)
3	Airspace	C
4	Unit Language	Sylhet Tower English
5	Transition altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	Nil

VGSY AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designation	Call Sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Aerodrome and Approach Control Service (Non-Radar)	Sylhet TWR	122.900 MHz (PRI) 122.500 MHz (SRY)	HO	NIL

VGSY AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid Variation	Ident	Frequency	Operation hours	Position of transmitting antenna Coordinates	Elevation of Nav aids transmitting antenna (ft)	Remarks
D/VOR	SYT	116.400 MHz	HO	245747.75 N 0915142.06E	74.16	-
DME	SYT	1198 MHz	HO	245747.75 N 0915142.06E	74.16	Collocated with DVOR
ILS/LOC-11	SYL	111.500 MHz	HO	245726.52 N 0915254.94E	65	-
ILS/GP-11	-	332.900 MHz	HO	245802.00 N 0915111.86E	84.40	-
ILS/DME-11	-	1013 MHz	HO	245801.86N 0915112.18E	65	Collocated with GP

VGSY AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGSY AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGSY AD 2.22 FLIGHT PROCEDURES

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VGSY AD 2.23 ADDITIONAL INFORMATION

1. Aerodrome Reference Code: 4 E ←
2. Lack of required width (140 m or 460 feet) of northern side strip of the runway measured along the runway 1078 ft from threshold RWY-11 and offset towards the north where the width of the runway strip is 310 ft. Pilots to exercise caution during landing and take-off.

VGSY AD 2.24 CHARTS RELATED TO OSMANI INT'L AIRPORT, SYLHET

ICAO CHARTS			
	CHART TYPE	PAGE NR. (VGSY)	REMARKS
1	AERODROME CHART	AD 2-9	
2	PARKING CHART	AD 2-10	
3	INSTRUMENT APPROACH CHART	AD 2-13, AD 2-17 to AD 2-21	2 (two) IAC has been removed from AD 2-11 and AD 2-15 due to removal of NDB;

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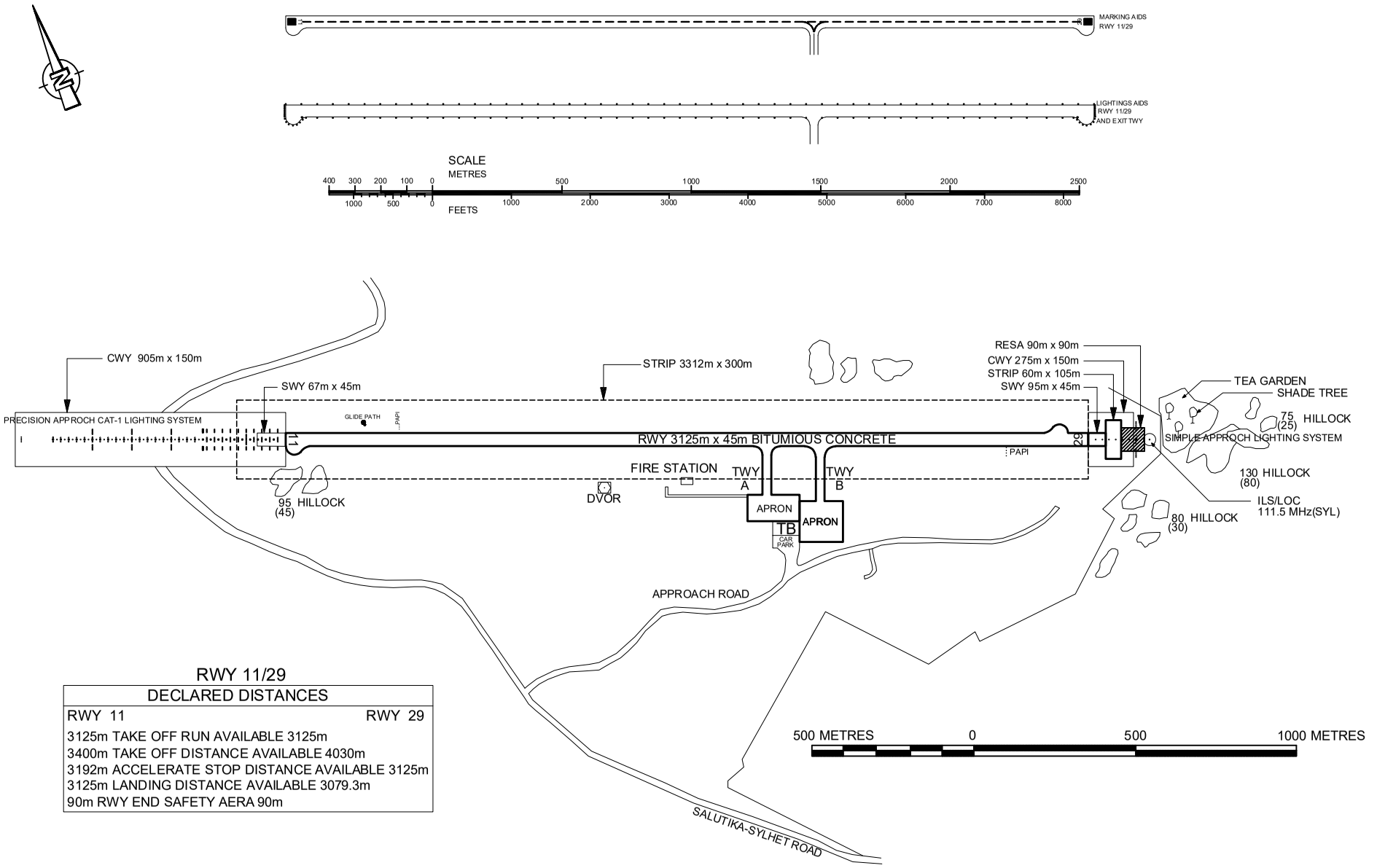
AERODROME CHART-ICAO

TYPE A

OSMANI INTERNATIONAL AIRPORT, SYLHET

MAGNETIC VARIATION 1° W



RWY 11/29

DECLARED DISTANCES	
RWY 11	RWY 29
3125m TAKE OFF RUN AVAILABLE	3125m
3400m TAKE OFF DISTANCE AVAILABLE	4030m
3192m ACCELERATE STOP DISTANCE AVAILABLE	3125m
3125m LANDING DISTANCE AVAILABLE	3079.3m
90m RWY END SAFETY AERA	90m

Change: SWY 29 HAS BEEN INCLUDED

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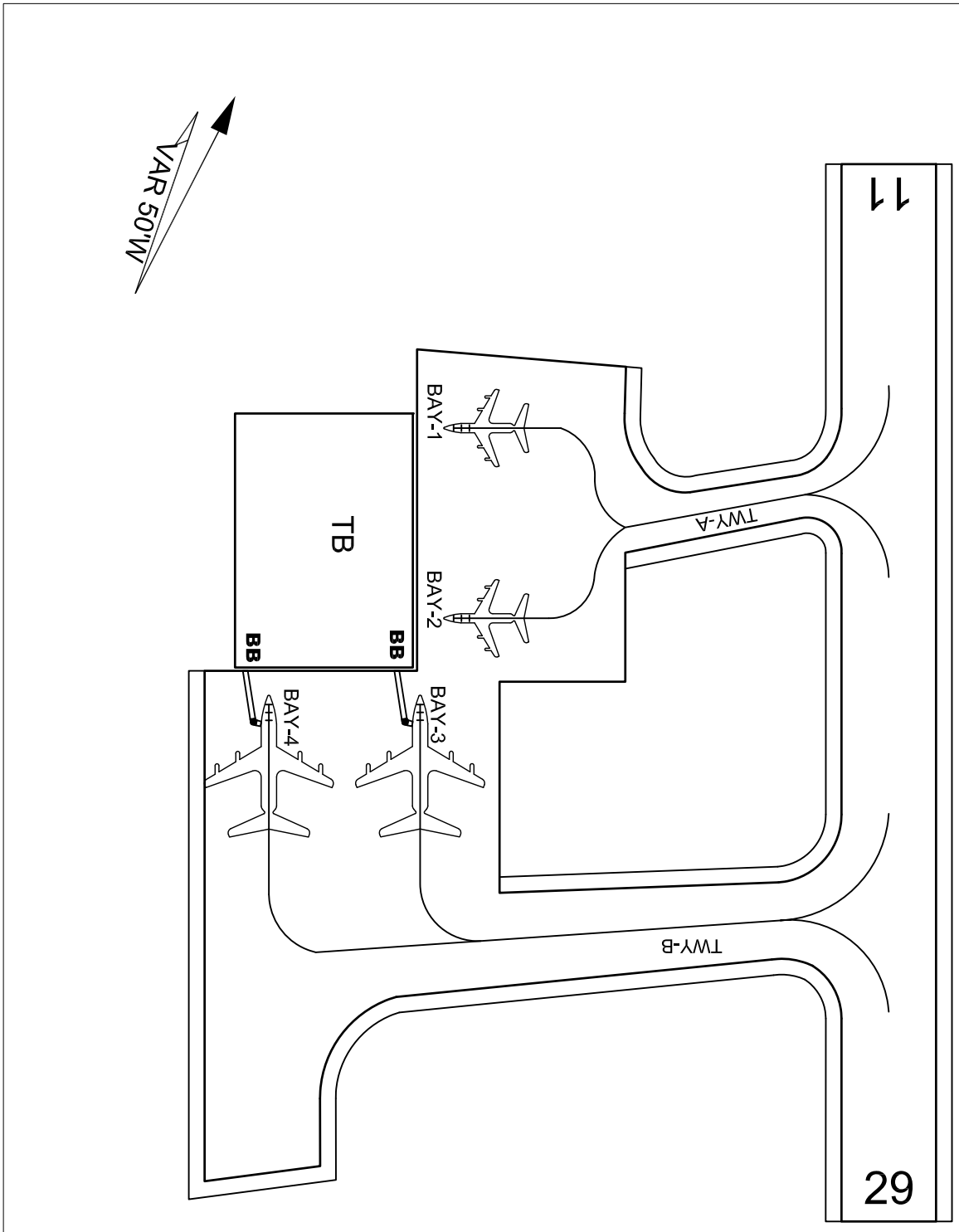
PARKING AND DOCKING CHART

OSMANI INTERNATIONAL AIRPORT, SYLHET



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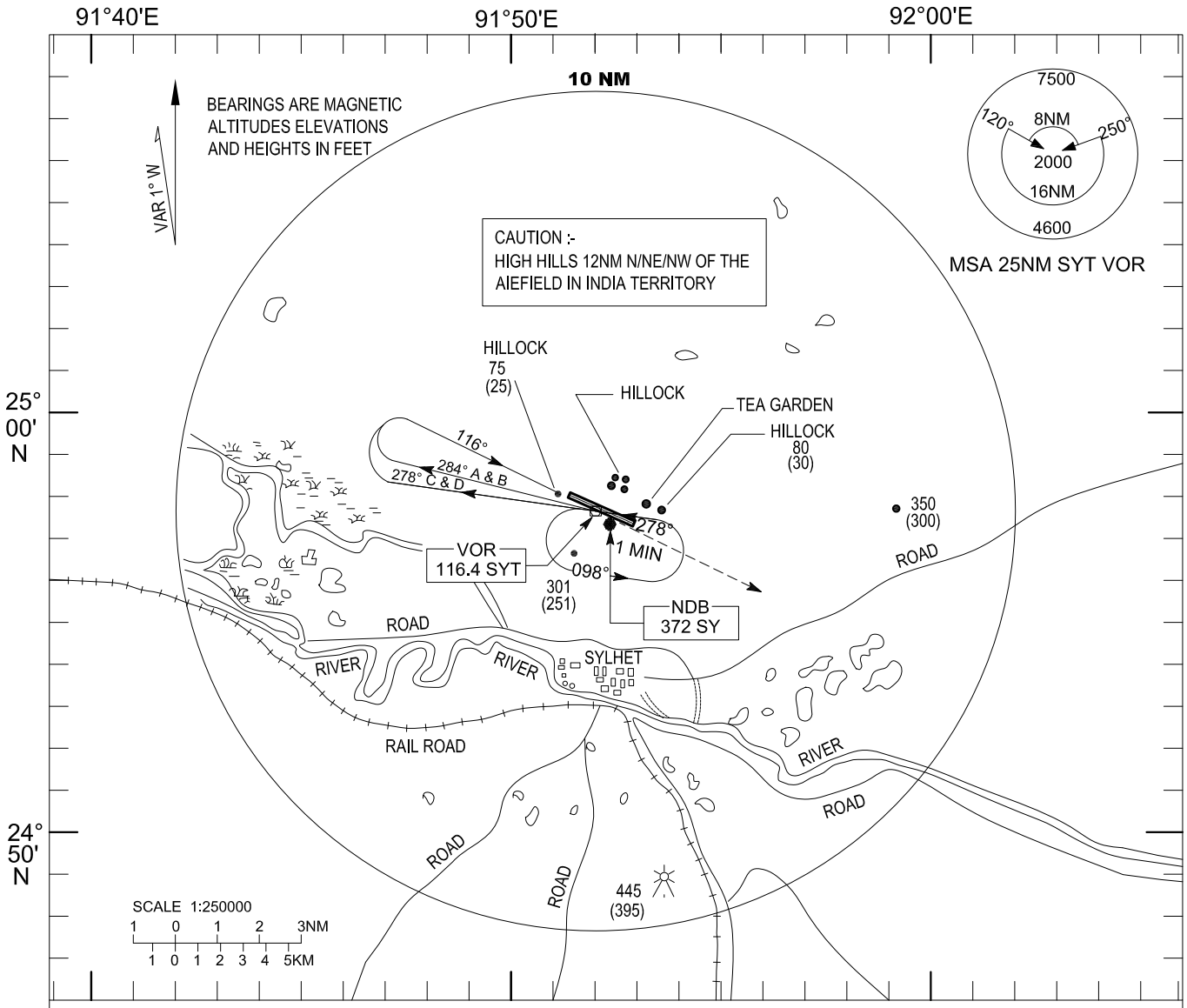
INSTRUMENT APPROACH CHART- ICAO

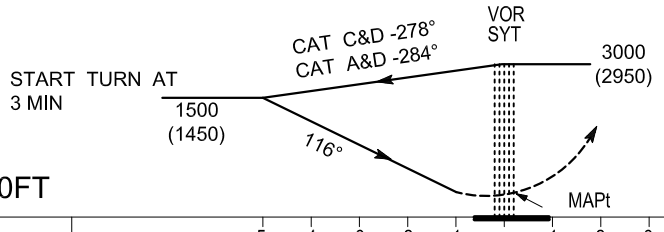
ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

SYLHET, BANGLADESH
OSMANI INTERNATIONAL
VOR RWY 11



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT



MISSED APPROACH

CLIMB TO 2000FT / 610m ON
TRACK 116° CONTACT ATC
FOR FURTHER INSTRUCTION

ELEV 50FT

MET MINIMA
VIS 2800 M

CATEGORY OF ACFT		A	B	C	D
OCA (H)		450(400)		500(450)	
SPEED	KNOTS	90	120	150	180

CHANGE: MSA & HOLDING PATTERN

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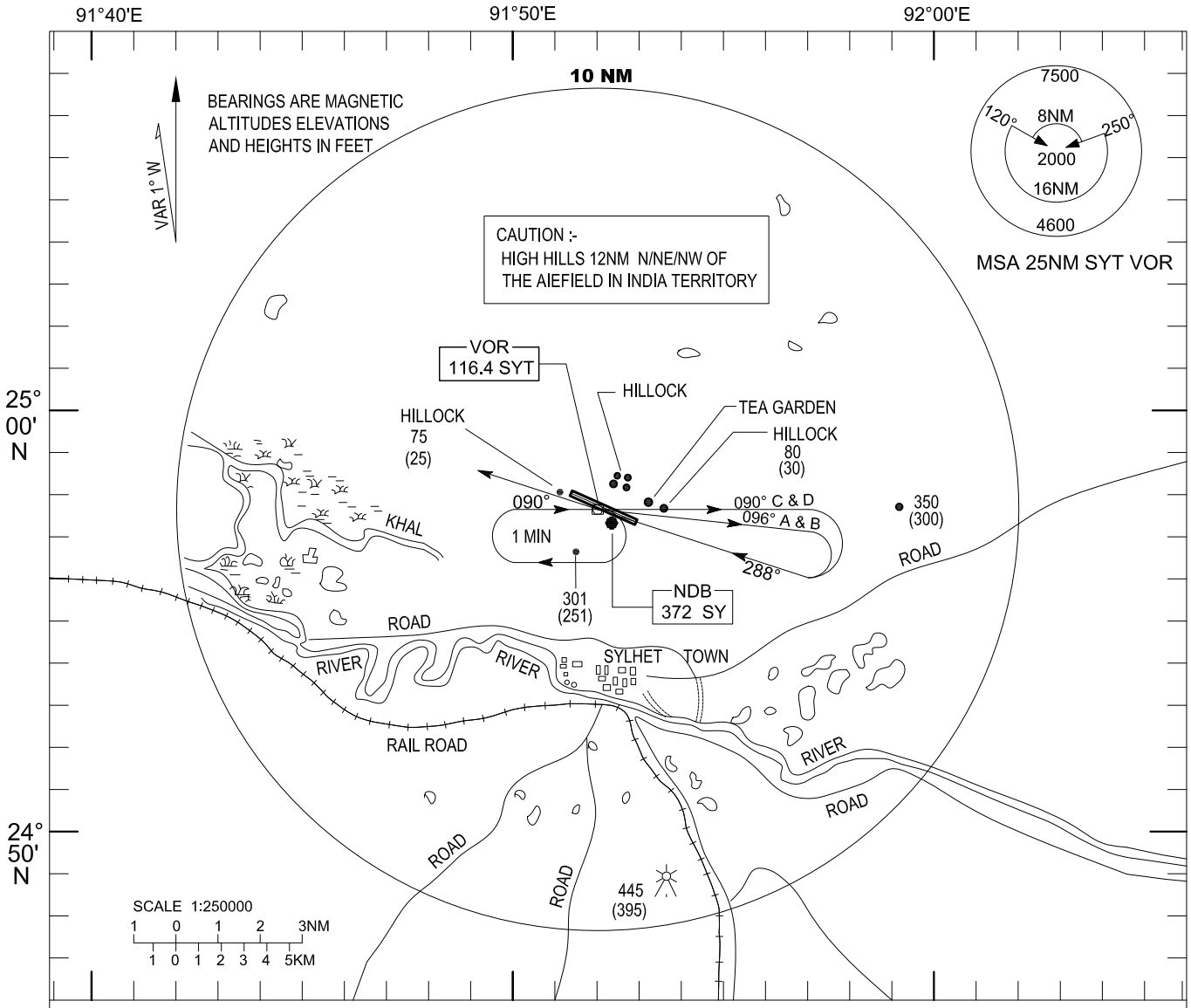
INSTRUMENT APPROACH CHART- ICAO

ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

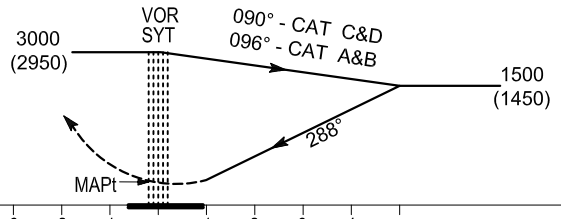
SYLHET, BANGLADESH
OSMANI INTERNATIONAL
VOR RWY 29



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 2000FT / 610m ON
TRACK 288° AND CONTACT ATC
FOR FURTHER INSTRUCTION



START TURN AT
CAT A&B : 3 MIN
CAT C&D : 2 MIN

ELEV 50FT

MET MINIMA
VIS 2800 m

CHANGE: MSA

CATEGORY OF ACFT		A	B	C	D
OCA (H)		450(400)		500(450)	
SPEED	KNOTS	90	120	150	180

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INSTRUMENT APPROACH CHART- ICAO

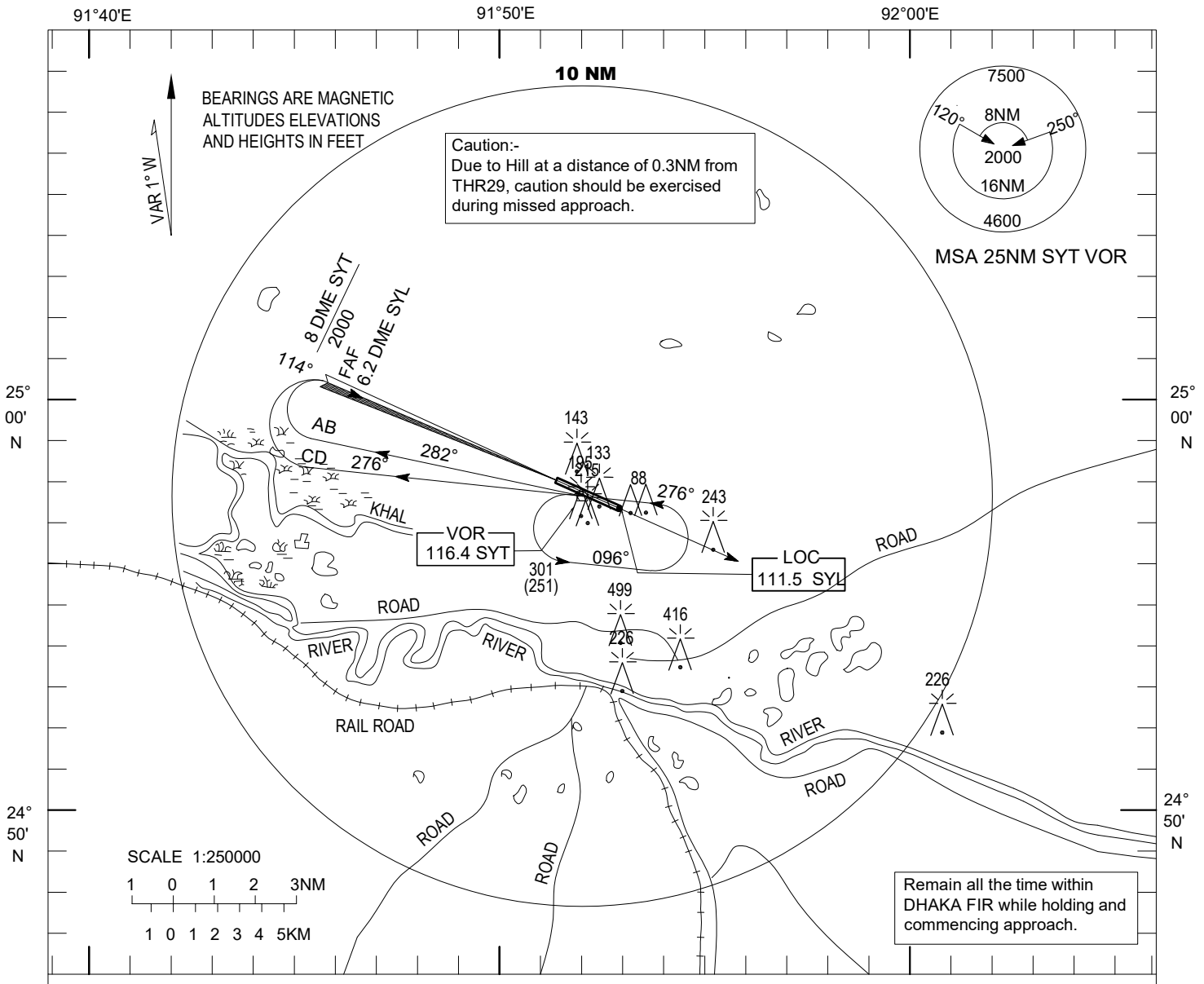
ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(SRY)

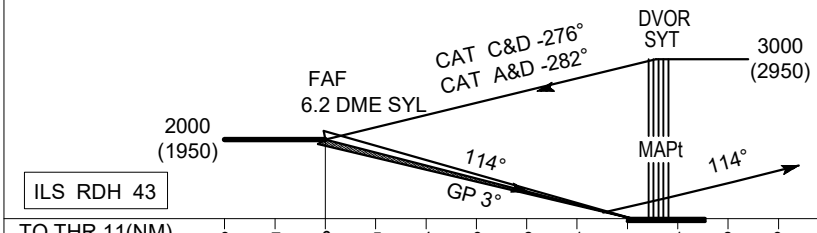
SYLHET, BANGLADESH

OSMANI INTERNATIONAL

VOR/ILS/DME RWY 11



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT



MISSED APPROACH

CLIMB TO 2000FT / 610m ON TRACK 114° CONTACT ATC FOR FURTHER INSTRUCTION

CATEGORY OF ACFT		A	B	C	D
OCA	FULL	230	240	250	260
	GP OUT	350	350	350	350
DISTANCE	6 DME 5 DME	4DME	3DME	2 DME	1 DME
ALTITUDE	2000 1685	1366	1048	730	411
(HEIGHT)	(1950) (1635)	(1316)	(998)	(680)	(361)

CAT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	480	635	795	955
FAF TO THR11	MIN:S	3:54	2:55	2:20	1:57
MET MINIMA (m)	FULL	VIS: 800m, RVR: 800m			
	ALS OUT	VIS: 1400m			
	GP OUT	2000m(CAT A,B) & 2800m(CAT C,D)			

CHANGE: NDB is deleted and FAF has been inserted in plan view
2. Final approach track in profile view is corrected

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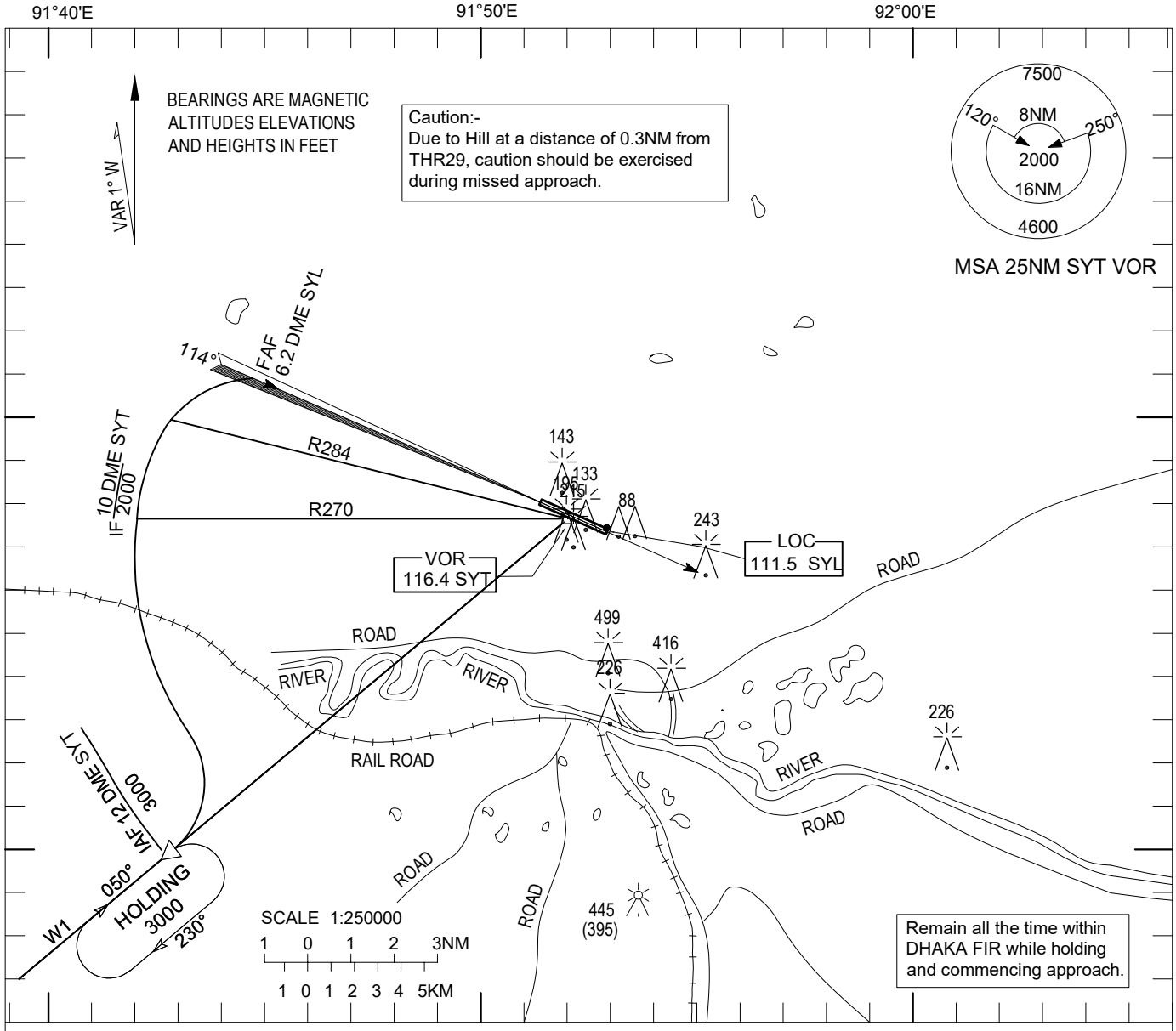
INSTRUMENT APPROACH CHART- ICAO

ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(SRY)

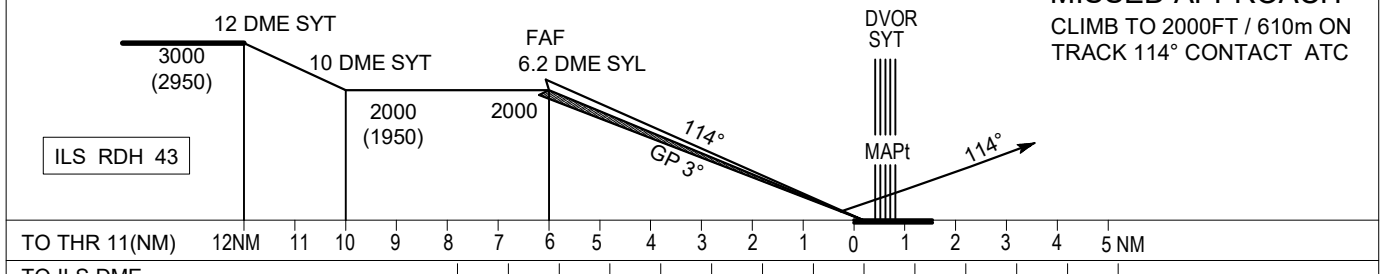
SYLHET, BANGLADESH
OSMANI INTERNATIONAL
VOR/ILS/DME-ARC RWY 11



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 2000FT / 610m ON TRACK 114° CONTACT ATC



CATEGORY OF ACFT			A	B	C	D
OCA		FULL	230	240	250	260
		GP OUT	350	350	350	350
DISTANCE	6 DME	5 DME	4DME	3DME	2 DME	1 DME
ALTITUDE	2000	1685	1366	1048	730	411
(HEIGHT)	(1950)	(1635)	(1316)	(998)	(680)	(361)

CAT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	480	635	795	955
FAF TO THR11	MIN:S	3:54	2:55	2:20	1:57
MET MINIMA (m)	FULL	VIS: 800m, RVR: 800m			
	ALS OUT	VIS: 1400m			
	GP OUT	2000m(CAT A,B) & 2800m(CAT C,D)			

Change: NDB is deleted

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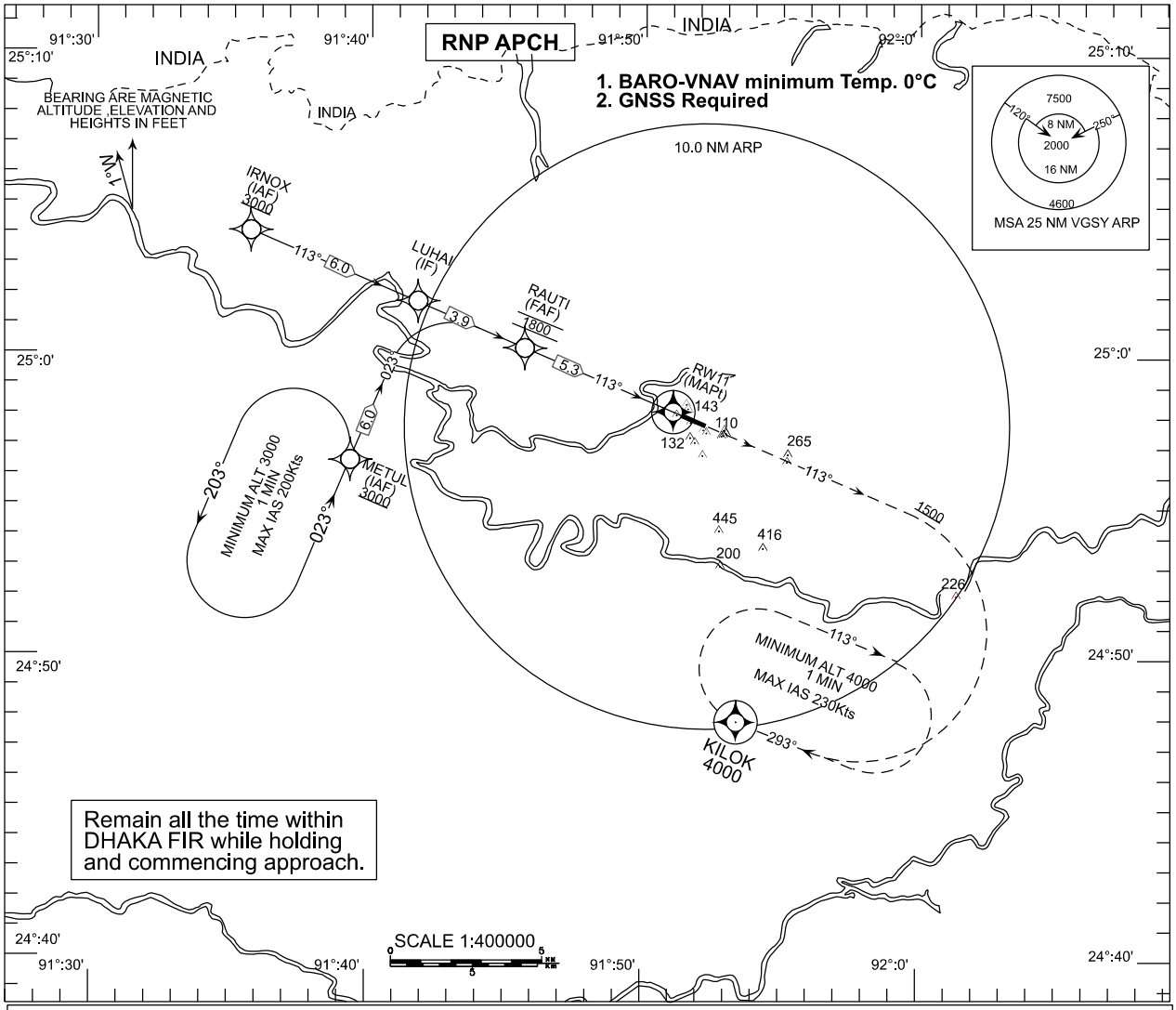
INSTRUMENT APPROACH CHART - ICAO

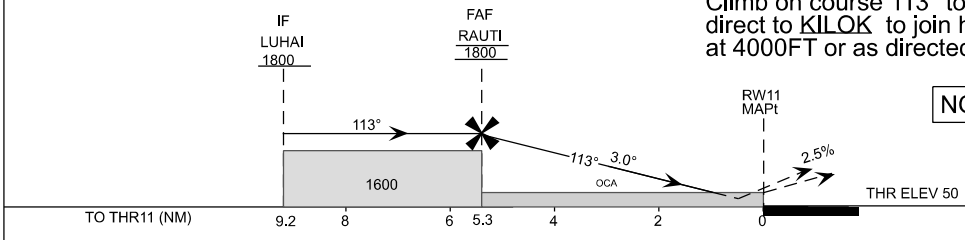
AD ELEV 50 (ft)
OCH RELATED TO THR RWY 11-ELEV 50(ft)

TWR 122.9(PRI)
122.5(Stand by)

SYLHET, BANGLADESH
OSMANI INTERNATIONAL AIRPORT
RNP RWY11 (LNAV/VNAV ONLY)



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT



MISSED APPROACH:

Climb on course 113° to1500ft then Turn Right direct to KILOK to join holding at 4000FT or as directed by ATC

NO TURN BEFORE MAPt

OCA(OCH)		A	B	C	D
OCA(OCH)	LNAV/VNAV	304 (254)			
	LNAV (CDFA)	390 (340)			
DISTANCE	5 NM to RW11	4 NM to RW11	3 NM to RW11	2 NM to RW11	1 NM to RW11
ALTITUDE	1700	1380	1060	740	420
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955

Type of Approach	Visibility Minima (m)		
	FALS	BALS	NALS
LNAV/VNAV	800	1200	1500
LNAV (CDFA)	1100	1600	2000

CODING TABLE

TABULAR DESCRIPTION

SL NO	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	IRNOX	-	-	-	-	+3000	-230	-	RNP APCH
20	TF	LUHAI	-	113° (112.92°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	METUL	-	-	-	-	+3000	-200	-	RNP APCH
20	TF	LUHAI	-	023° (022.92°)	-	6.0	+1800	-200	-	RNP APCH
10	IF	LUHAI	-	-	-	-	+1800	-200		RNP APCH
20	TF	RAUTI	-	113° (112.92°)	-	3.9	@1800	-	-	RNP APCH
30	TF	RW11	Y	-	-	5.3	@100	-	-3.0/50	RNP APCH
40	CA	RW11	-	113° (112.92°)	-	-	+1500	-	-	RNP APCH
50	DF	KILOK	Y	-	R	-	-	-230	-	RNP APCH
60	HM	KILOK	Y	293° (292.49°)	R	-	4000	-230	-	RNP APCH

WAYPOINT LIST

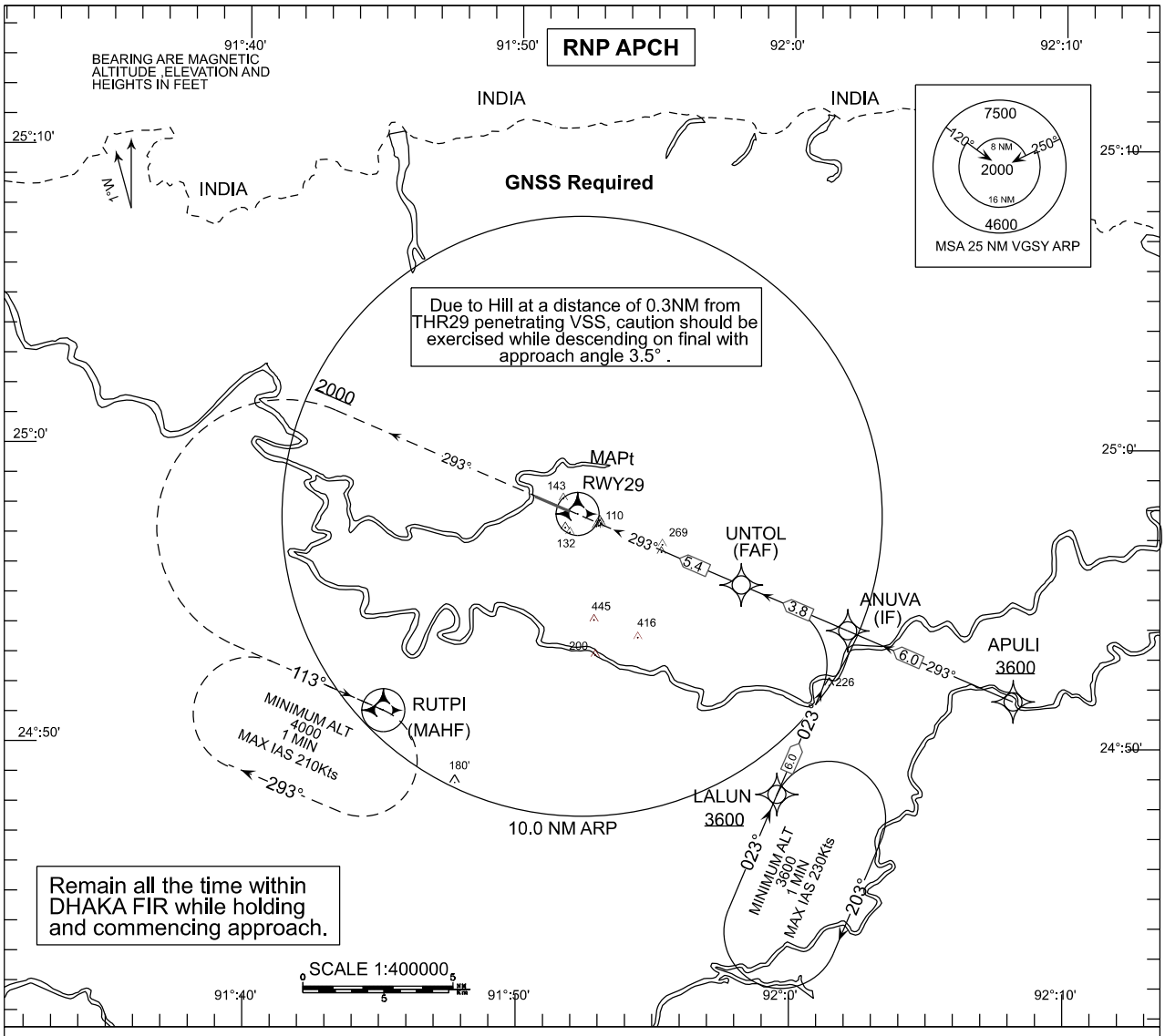
RNP RWY11 (LNAV/VNAV only)	
WAYPOINT IDENTIFIER	COORDINATES
IRNOX (IAF)	N 25:04:05.21 E 91:35:39.41
METUL (IAF)	N 24:56:12.06 E 91:39:10.34
LUHAI (IF)	N 25:01:44.70 E 91:41:44.59
RAUTI (FAF)	N 25:00:14.19 E 91:45:39.53
RW11 (MAPt)	N 24:58:09.20 E 91:51:04.30
KILOK (MAHF)	N 24:47:53.21 E 91:53:25.45

INSTRUMENT
APPROACH
CHART - ICAO

AD ELEV 50 (ft)
OCH RELATED TO
THR RWY 29-ELEV 50(ft)

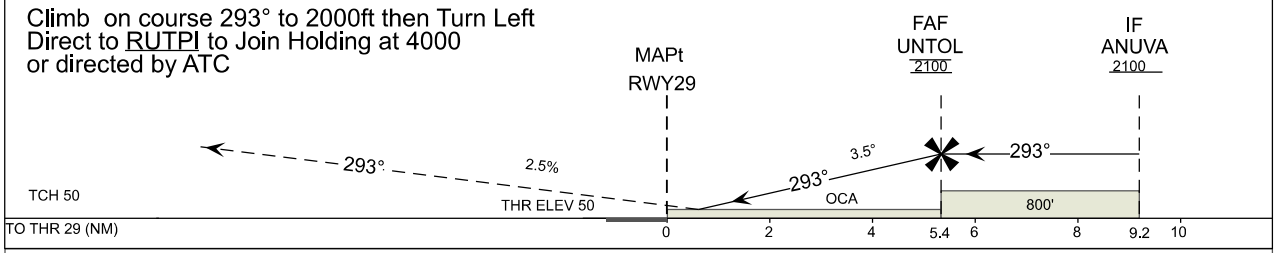
TWR 122.9(PRI)
122.5(Stand by)

SYLHET, BANGLADESH
OSMANI INTERNATIONAL AIRPORT
RNP RWY29 (LNAV ONLY)



MISSED APPROACH:

Climb on course 293° to 2000ft then Turn Left
Direct to RUTPI to Join Holding at 4000
or directed by ATC



OCA(OCH)		A	B	C	D
LNAV		550 (500)			
CIRCLING		590	600	840	840
DISTANCE	5 NM to RW29	4 NM to RW29	3 NM to RW29	2 NM to RW29	1 NM to RW29
ALTITUDE	1960	1590	1220	850	480
(HEIGHT)	(1910)	(1540)	(1170)	(800)	(430)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	557	743	929	1115

Type of Approach	Visibility Minima (m)	
	BALS	NALS
LNAV	3000	3200

Change : TCH & FAF ALT in Profile view

CODING TABLE :

TABULAR DESCRIPTION

SL no.	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (ft)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	APULI	-	-	-	-	+3600	-230	-	RNP APCH
20	TF	ANUVA	-	293° (292.92°)	-	6.0	+2100	-200	-	RNP APCH
10	IF	LALUN	-	-	-	-	+3600	-230	-	RNP APCH
20	TF	ANUVA	-	023° (022.92°)	-	6.0	+2100	-200	-	RNP APCH
10	IF	ANUVA	-	-	-	-	+2100	-200		RNP APCH
20	TF	UNTOL	-	293° (292.92°)	-	3.8	@2100	-	-	RNP APCH
30	TF	RW29	Y	-	-	5.4	@100	-	-3.5/50	RNP APCH
40	CA	RW29	-	293° (292.92°)	-	-	+2000	-	-	RNP APCH
50	DF	RUTPI	Y	-	L	-	-	-210	-	RNP APCH
60	HM	RUTPI	Y	113° (112.92°)	R	-	4000	-210	-	RNP APCH

WAYPOINT LIST

RNP RWY29 (LNAV only)

WAYPOINT IDENTIFIER	COORDINATES
APULI (IAF)	N 24:51:34.57 E 92:08:08.23
LALUN (IAF)	N 24:48:22.39 E 91:59:29.69
ANUVA (IF)	N 24:53:55.13 E 92:02:03.55
UNTOL (FAF)	N 24:55:24.14 E 91:58:12.53
RW29 (MAPt)	N 24:57:30.70 E 91:52:44.20
RUTPI (MAHF)	N 24:51:08.21 E 91:45:04.47

VGBG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGBG–BOGURA AIRPORT, BOGURA

VGBG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP coordinates and its site	24 51 59N, 089 19 01E, Intersection Point or Runway with Central Taxiway.
2	Distance and Direction from City.	7 km North West of Town Bogura.
3.	AD Elevation/Reference Temperature.	ELEV: 59 ft T: 40^0C (April)
4.	MAG Variation / Annual Change	0.37^0W (2020) Annual Change 2'W
5.	AD Administration, Address, telephone, telefax, telex, AFS	Bangladesh Air force TWR: +880-2-8753420-25 Ext. 4966
6.	Type of Traffic Permitted	IFR/VFR
7.	Remarks	Operator: Bangladesh Air force. Civil Aircraft can operate prior approval & in co-ordination with CAAB & BAF.

VGBG AD 2.3 OPERATIONAL HOURS

1.	AD Administration	0730 LT to 1400 LT.
2.	Customs and Immigration	Nil
3.	Health and Sanitation	HO
4.	AIS Briefing Office	Nil
5.	ATS Reporting Office (ARO)	HO
6.	Met briefing Office	HO
7.	Air Traffic Services	HO
8.	Fuelling	Nil
9.	Handling	Nil
10	Security	H24
11	De-Icing	Nil Requirement
12.	Remarks	Nil.

VGBG AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Nil
2.	Fuel/ Oil Type	JET A-1/LMS
3.	Fueling Facilities/ capacity	AVBL/LIMITED
4.	De-icing Facilities	Nil requirement
5.	Hangar space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft.	Nil
7.	Remarks	Nil.

VGBG AD 2.5 PASSENGER FACILITIES

1.	Hotel	Nil at airport, available in the Bogura Town
2.	Restaurant	Nil at airport, available in the Bogura Town.
3.	Transportation possibilities	Taxi/Rickshaws
4.	Medical Facilities	Nil at airport, available in the Bogura Town.
5.	Bank and Post Office	Nil at airport, available in the Bogura Town.
6.	Tourist Office	Nil at airport, available in the Bogura Town.
7.	Remarks	Nil.

VGBG AD 2.6 RESCUE AND FIREFIGHTING SERVICES

1	AD Category for firefighting required/Avbl	CAT: 1/1
2	Rescue equipment	Avbl
3.	Disabled aircraft removal	Nil
4.	Remarks	The operators, Local Fire Services & Defense Department and BAF will share responsibility of firefighting & rescue.

VGBG AD 2.7 SEASONAL AVAILABILITY CLEARING

The airfield is available for all seasons. Side strips become unusable during monsoon. There is no requirement for clearing.

VGBG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and Strength	Surface : Concrete Strength : PCN 13 F/C/Y/T
2	Taxiway Width, Surface and Strength	Width : 50 Feet. Surface : Bituminous Concrete Strength : PCN 13 F/C/Y/T
3.	ACL and elevation	Not designated
4.	VOR Checkpoints	Nil
5.	INS Checkpoints	Nil
6.	Remarks	Nil

VGBG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Stand Identification signs, Taxiway Guide Lines & Visual Docking/ Parking Guidance.	Taxing Guidance Markings and Apron Guide Lines, Marshalling guidance provided.
2	RWY and TWY Markings and LGT	RWY Marking aids : THR, Center Line, RWY Holding Markings and RWY Designators all runways. TWY Marking Aids: RWY holding position and TWY Centre Line.
3.	Stop bars	Nil
4.	Remarks	Nil

VGBG 2.10 AERODROME OBSTACLES

In approach/ TOKF area					
RWY Affected	Obstacle Type	WGS-84 Co-ordinates	Position Ref to ARP	Elevation (FT)	Markings/ lighting
RWY-30	BT&T Microwave Tower Banani, Bogra	24 49 08N 089 23 00E	128^0 4,6NM (8.5KM)	247	Yes/Yes
RWY-12	Kahalu RF Fadiating Mast	24 51 56N 089 16 11E	269^0 2.6NM (4772m)	466	Yes/Yes

LIST OF HIGH MAST/TOWER/BUILDING/BARRIER/ANTENNA AROUND BOGURA AIRPORT, BOGURA

SI. No	Name of the Obstacles	Geographical Coordinates in WGS-84		Elevation	
		Latitude	Longitude	metre	feet
1	DGFI Tower, Bogura Cantonment, Vill: Majhira, PO: Shajahanpur, Upazila: Shajahanpur, Dist: Bogura	24°45'38.28" N	89°23'49.39" E	96.33	316.06
2	Robi Mobile Tower, Vill: Sajapur, PO: Shajahanpur, Upazila: Shajahanpur Dist: Bogura	24°47'02.18" N	89°23'26.94" E	94.94	311.50
3	Grameen Phone Mobile Tower, Vill: Betgari, PO: Banani, Upazila: Bogura Sadar, Dist: Bogura	24°47'53.66" N	89°23'15.41" E	79.06	259.40
4	BTCL Mobile Tower, Vill: Banani, PO: Police Line, Upazila: Shajahanpur Dist: Bogura	24°48'58.57" N	89°22'49.88" E	132.67	435.29
5	FIS Communication Tower, Bogura Stalport Airport, Upazila: Bogura Sadar, Dist: Bogura	24°51'50.82" N	89°18'59.19" E	48.47	159.05
6	NDB Tower, Bogura Stalport Airport, Upazila: Bogura Sadar, Dist: Bogura	24°51'50.86" N	89°19'02.39" E	38.44	126.12

SI. No	Name of the Obstacles	Geographical Coordinates in WGS-84		Elevation	
		Latitude	Longitude	metre	feet
7	Control Tower, Bogura Stalport Airport, Upazila: Bogura Sadar, Dist: Bogura	24°51'54.35"N	89°18'58.13" E	39.61	129.97
8	Delta Tower, Mohila College Road, Vill: Shibbati, PO: Bogura Sadar, Upazila: Bogura Sadar, Dist: Bogura	24°51'39.70"N	89°22'19.86"E	122.39	401.56
9	Bogura Police Lines Tower, Vill: Latifpur, PO: Police Lines, Upazila: Bogura Sadar, Dist: Bogura	24°49'18.37"N	89°22'44.67"E	97.726	320.64
10	RAB Wireless Tower, Vill: Latifpur, PO: Police Lines, Upazila: Bogura Sadar, Dist: Bogura	24°49'19.47"N	89°22'42.00"E	64.36	211.18
11	Mobile Tower, Jamil Shopping Centre, Vill: Dattabari, PO: Bogura Sadar, Upazila: Bogura Sadar, Dist: Bogura	24°51'15.41"N	89°22'19.72"E	89.60	294.00
12	Banglalink Mobile Tower, Vill: Baropur, PO: Noongola, Upazila: Bogura Sadar, Dist: Bogura	24°53'26.34"N	89°21'37.45"E	69.36	227.60
13	Grameen Phone Mobile Tower, Sheujgari Water Tank Lane, PO: Bogura Sadar, Upazila: Bogura Sadar, Dist: Bogura	24°50'51.37"N	89°22'01.43"E	71.15	233.47
14	TMSS Dental Unit & Rafatullah Hospital, Vill: Gokul, PO: Gokul, Upazila: Bogura Sadar, Dist: Bogura	24°54'26.53"N	89°21'17.79"E	92.23	302.62
15	High Tension Electric Tower-1, Vill: Choto Kumira, PO: Godarpara, Upazila: Bogura Sadar, Dist: Bogura	24°51'43.72"N	89°20'19.85"E	60.90	199.82
16	High Tension Electric Tower-2, Vill: Choto Kumira, PO: Godarpara, Upazila: Bogura Sadar, Dist: Bogura	24°51'55.67"N	89°20'14.40"E	58.40	191.64
17	High Tension Electric Tower-3, Vill: Choto Kumira, PO: Godarpara, Upazila: Bogura Sadar, Dist: Bogura	24°52'08.30"N	89°20'08.84"E	59.78	196.14
18	High Tension Electric Tower-4, Vill: Choto Kumira, PO: Godarpara, Upazila: Bogura Sadar, Dist: Bogura	24°52'20.80"N	89°20'03.03"E	61.23	200.92
19	Robi Mobile Tower, Murail Bazar, PO: Murail, Upazila: Kahaloo, Dist: Bogura	24°51'39.34"N	89°18'03.38"E	59.27	194.48
20	High Tension Electric Tower-5, Shantahar Road, Vill: Murail, Upazila: Kahaloo, Dist: Bogura	24°51'44.42"N	89°17'34.72"E	48.68	159.73
21	High Tension Electric Tower-6, Shantahar Road, Vill: Murail, Upazila: Kahaloo, Dist: Bogura	24°51'44.46"N	89°17'24.50"E	47.63	156.30
22	High Tension Electric Tower-7, Shantahar Road, Vill: Murail, Upazila: Kahaloo, Dist: Bogura	24°51'44.59"N	89°16'52.11"E	47.40	155.55
23	High Tension Electric Tower-8, Shantahar Road, Vill: Murail, Upazila: Kahaloo, Dist: Bogura	24°51'44.63"N	89°16'41.83"E	47.20	154.86
24	Bangladesh Betar Tower, Vill: Narhatta, PO: Narhatta, Upazila: Kahaloo, Dist: Bogura	24°51'33.67"N	89°16'06.72"E	146.23	479.78
25	Robi Mobile Tower, Vill: Ulotto, PO:Kahaloo, Upazila: Kahaloo, Dist: Bogura	24°49'54.91"N	89°16'06.23"E	58.66	192.47

VGBG 2.11 METEOROLOGICAL INFORMATION PROVIDED

Weather information and Met briefing are provided by BAF Met section at the Airfield in co-ordination with Regional Meteorological Office, Bogura and Meteorological Squadron BAF Base Basher, Dhaka.

VGBG 2.12 RUNWAY PHYSICAL CHARACTERSTICES

RWY Designator	True BRG	Dimensions of RWY (Feet)	Strength (PCN) and Surface of RWY & SWY	THR Coordinates	THR Elevation	Slope of RWY & SWY
1	2	3	4	5	6	7
12	119.87^0(T)	4500 X 100	PCN 13/F/C/Y/T Bituminous Concrete	24 52 07N 08 91 846E	59Feet	--
30	299.87^0(T)	4500 X 100	PCN 13 F/C/Y/T Bituminous Concrete	24 51 53N 089 19 13E	59Feet	--

RWY Designator	SWY Dimensions (Feet)	CWY Dimension (Feet)	Strip Dimensions (Feet)	OFZ	Remarks
	8	9	10	11	12
12	500 X 100	1000X300	4900X 920	Within the CWY	At Both the Undershoot Areas there are small Cluster of Villages.
30	500 X 100	1000 X 300	4900 X 920	Within the CWY	

VGBG AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (Feet)	TODA (Feet)	ASDA (Feet)	LDA (Feet)	Remarks
1	2	3	4	5	6
12	4500	5500	5000	4200	Nil
30	4500	5500	5000	4200	Nil

VGBG AD 2.14 APPROACH AND RUNWAY LIGHTING

Nil

VGBG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

Apron lightings are available without secondary power supply.

VGBG AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGBG AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

	Designation	Aerodrome Traffic Zone (ATZ)
1	Lateral Limits	ATZ is an oval shaped area joining outer tangents of 5 NM (9.3 km) radius circles centered at the RWY centre and both ends of the RWY
2	Vertical Limits	Altitude 4000 ft
3	Airspace Class	D
4	ATS Unit Language	Bogura Tower English
5	Transition altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	Nil

VGBG AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designation	Call Sign	Frequencies	Hours of operation	Remarks
1	2	3	4	5
Aerodrome Control Service	Bogura Tower	128.700 MHz (PRI) 121.800 MHz (Grd)	HO	1) Service provided by Bangladesh Air Force. 2) HF/RT 6826 kHz for Coordination.

VGBG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of Aid & MAG Variation	Identification	Frequency	Ops Hours	Position of transmitting antenna Coordinates	Elevation of DME Transmitting Antenna	Remarks
1	2	3	4	5	6	7
NDB	BG	336 kHz	HO	24 51 50.87N 089 19 02.39E	N/A	Nil

VGBG AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGBG AD 2.21 NOISE ABATEMENT PROCEDURES

Not yet established

VGBG AD 2.22 FLIGHT PROCEDURES

1. FLIGHT PLAN

The procedure mentioned in ENR 1:10 (Flight Plan) AIP, Bangladesh is to be followed

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2. ARRIVAL/DEPARTURE AND COORDINATION PROCEDURE.

2.1 Departure.

Aircraft departing from Bogura will be handed over to Dhaka control while leaving the jurisdiction of Bogura Tower.

2.2 Arrival.

Dhaka control shall hand over all aircraft to Bogura Tower before the aircraft enters the jurisdiction of Bogura Tower.

VGBG AD 2.23 ADDITIONAL INFORMATION

Nil

VGBG AD 2.24 CHARTS RELATED TO BOGURAAIRFIELD

NR	Type of Chart	PAGE NR
1	Aerodrome Chart	NIL
2	Aerodrome obstacle Chart	NIL
3	Instrument Approach Chart.	NIL

AD 2 AERODROMES

VGBR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGBR – BARISHAL AIRPORT, BARISHAL

VGBR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP coordinates and site at AD	224756.19N 0901804.45E, In the RWY
2	Distance and direction from city	08 NM North of Barishal Town
3	AD elevation/reference temperature	10 ft/29^{0}C
4	MAG VAR / Annual Change	1^0 W (2020) Annual Change 2' W
5	AD administration, address, telephone, telefax, telex, AFS	Civil Aviation Authority of Bangladesh Postal address: Airport Manager , Barishal Airport, Barishal, Bangladesh. Telephone: APM : +880 2 55061662 +88048869819 Control TWR : +88 0255061673,+8802478869827 Telefax: Nil Telex: Nil AFS: Nil
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGBR AD 2.3 OPERATIONAL HOURS

SL Nr.	Services	Hours
1	Aerodrome Administration	As per government declared office hour. FRI & SAT holiday.
2	Custom and Immigration	NIL
3	Health and Sanitation	HO
4	AIS briefing office	NIL
5	ATS reporting office (ARO)	HO
6	MET briefing office	HO
7	Air traffic service	HO
8	Fueling	NIL
9	Handling	NIL
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGBR AD 2.4 HANDLING SERVICES AND FACILITIES

Manual Handling

VGBR AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil at the airport, available at town
2	Restaurant	Limited at the airport, unlimited at town
3	Transportation	Buses, Rickshaws, tempo, rent -e- car
4	Medical facilities	Only first Aid avbl.
5	Banks and Post Office	AVBL near airport (Khanpura, Baboons)
6	Tourist office	AVBL at town
7	Remarks	Nil

VGBR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	CAT : 5
2	Rescue Equipment	Limited
3	Disabled Aircraft Removal	Nil
4	Remarks	Nil

VGBR AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type of clearing equipment	Nil
2	Clearance Priorities	Nil
3	Remarks	Nil

VGBR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Bituminous Concrete Strength: PCN 17/F/C/Y/T,
2	Taxiway width, surface and strength	Width: 75 ft Surface : Bituminous Concrete Strength:PCN17/F/C/Y/T,
3	Altimeter checkpoint location and elevation	Not designated
4	VOR checkpoint	Nil
5	INS checkpoint	Nil
6	Remarks	Nil

VGBR AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM ANDMARKINGS

1	Stand identification/taxiway guidelines/ visual docking/parking guidance	Taxiing guidance signs at intersection with TWY and RWY, nose-in parking guidance avbl.
2	RWY and TWY markings and LGT	RWYmarking aids: THR, Centre line RWY designator all runways. TWY marking aids: TWY centerline, RWY Holding Position
3	Stop bars	Nil
4	Remarks	Nil

VGBR AD 2.10 AERODROME OBSTACLES

List of high mast/ tower/hill/chimney/ building/ barrier/ antenna around Barishal Airport, Barishal

SL Nr.	Name of the significant obstacles/obstructions	Co-ordinates of the Obstacle	True Bearing FM REF point	Dist (m) FM ref Point	Elevation AMSL (ft)	LGT
1.	GP Tower, Batajor, Gournadi	225436.22N 0901450.16E	336°	13475	175.95	
2.	Banglalink Tower, Sanuhar bus Stand, Uzirpur	225234.05N 0901552.42E	336°	9320	141.71	
3.	Old Electric Pole, Baherchar Hospital, Babuganj	224937.30N 0901827.20E	012°	3155	209.31	
4.	Banglalink Tower, Dhaka-Barishal Road, Sikarpur, Babuganj	224921.53N 0901604.10E	307°	4308	169.52	
5.	Electric pole, Doarika Bridge (North), Babuganj	224836.04N 0901644.34E	307°	4285	195.47	
6.	Electric pole, Doarika Bridge (South), Babuganj	224821.59N 0901652.38E	290°	2192	203.47	
7.	GP Tower, Dhaka-Barishal Road, Rampotti, Babuganj	224804.28N 0901703.12E	277°	1764	147.46	
8.	Robi Tower, Doarika, Rakudia, Babuganj	224911.05N 0901737.24E	341°	2409	145.40	
9.	Brick Field Chimney, Doarika, Babuganj	224935.03N 0901736.20E	345°	3124	86.34	
10.	Banglalink Tower, Bakultola, Babuganj	224901.34N 0901854.08E	035°	2435	141.42	
11.	Citycell/Airtel Tower, Bakultola, Babuganj	224852.93N 0901818.49E	013°	1769	129.76	
12.	DLR Office Tower, Khanpura, Babuganj	224821.49N 0901811.14E	006°	1689	100.88	
13.	Veterinary College, Khanpura, Babuganj	224819.58N 0901832.60E	049°	1063	111.77	
14.	Ali Bricks Chimney-2, Babuganj	224734.90N 0901823.92E	105°	2657	90.16	
15.	Control Tower	224755.39N 0901757.03E	257°	217	69.52	
16.	NDB Mast	224752.17N 0901752.23E	247°	378	63.66	
17.	Parking Area Light Post	224755.30N 0901755.61E	259°	257	99.74	
18.	GP Tower, Above DBBL ATM Booth, Rahmatpur Bazar, Babuganj	224726.08N 0901752.09E	200°	1012	109.68	
19.	Sheba Telcom, Madhobpasha, Ujirpur	224623.71N 0901559.72E	231°	4569	200.04	
20.	High Tension Line Tower, Koladema	224515.26N 0901835.26E	170°	5050	170.57	
21.	Robi Tower, Goriarpar, Kasipur	224501.89N 0901913.92E	160°	5739	145.43	
22.	Robi Main Tower, Gonopara	224405.64N 0902015.37E	152°	8035	250.84	
23.	DGFI Office Tower, Gonopara	224353.06N 0901953.86E	152°	8037	265.24	
24.	Airtel Tower, Isakathi, Kashipur	224334.19N 0901958.98E	158°	8717	168.32	
25.	Radio Bangladesh Tower, Rupatoli	224026.39N 0902013.12E	165°	14336	405.15	
26.	BAF RADAR ANTENNA	224622.55N 0901814.32E	174.45^0	29000	137	

VGBR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

Weather observation is provided by Meteorological observatory office, Barishal.

VGBR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator RWY NR	True BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY	THR Coordinates	THR elevation (ft)	Slope of RWY-SWY
1	2	3	4	5	6	7
17	173.81^0	1829X 30	PCN 17/F Bituminous concrete	224833.89N 0901800.14E	10	0.0%
35	353.81^0	1829X 30	PCN 17/F Bituminous concrete	224734.83N 0901806.92E	10	0.0%

Designator RWY NR	Stopway Dimensions (m)	CWY Dimensions (m)	RESA (m)	Strip Dimensions (m)	OFZ	Remarks
1	8	9	10	11	12	13
17	61X30	153X150	90X60	2060X150	Within the CWY	
35	50X30	153X150	90X60	2060X150	Within the CWY	

VGBR AD 2.13 DECLARED DISTANCES

RWY	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
17	1829	1982	1890	1829	Nil
35	1829	1982	1879	1829	

VGBR AD 2.14 APPROACH AND RUNWAY LIGHTING

PAPI AVBL FOR BOTH RWY

VGBR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1. During main power supply failure, automatic standby generator power supply available within 10 seconds.

VGBR AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGBR AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	Aerodrome Traffic Zone (ATZ)
	Lateral limits	ATZ is oval shaped area joining outer tangents of 5 NM (9 km) radius circles centered at the RWY centre and both ends of RWY.
2	Vertical limits	4000 ft (AMSL)
3	Airspace	D
4	Unit Language	Barishal Tower English
5	Transition altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	Nil

VGBR AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Aerodrome Control Service	Barishal TWR	Main 128.100 MHz Sdby 129.300 MHz	HO	Nil

VGBR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid	Ident	Frequency	Hours of operation	Coordinates	Elevation of NDB transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	BL	368 kHz	HO	224752.2N 0901752.2E	63.66ft	EM: A2H 1050 ft FM center line and 1800 ft FM THR RWY 35

VGBR AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior information to ATC is needed

VGBR AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

VGBR AD 2.22 FLIGHT PROCEDURES

1. **Coordination Procedure:**

1.1 **Departure:**

Barishal Tower shall co-ordinate level with Dhaka ACC for a departing aircraft prior to its departure and shall release the traffic to Dhaka ACC once clear of all other traffic under its control prior to leaving Barishal ATZ.

1.2 **Arrival:**

Dhaka ACC shall provide estimates of all arrivals to Barishal Airport and release traffic to Barishal Tower clear off all other traffic under its control prior to entering Barishal ATZ.

VGBR AD 2.23 ADDITIONAL INFORMATION

1. Pilots to exercise caution of high-tension power lines and river crossing Towers while approaching to land RWY 17 and take off from RWY 35.

2. Security surveillance is being provided for the aircraft during operation and while in parked position.

VGBR AD 2.24 CHARTS RELATED TO BARISHAL AIRPORT

ICAO CHARTS		
NR	TYPE OF CHARTS	PAGE NR
1	AERODROME	VGBR AD 2-7
2	INSTRUMENT APPROACH CHARTS	VGBR AD 2-9 & 2-11

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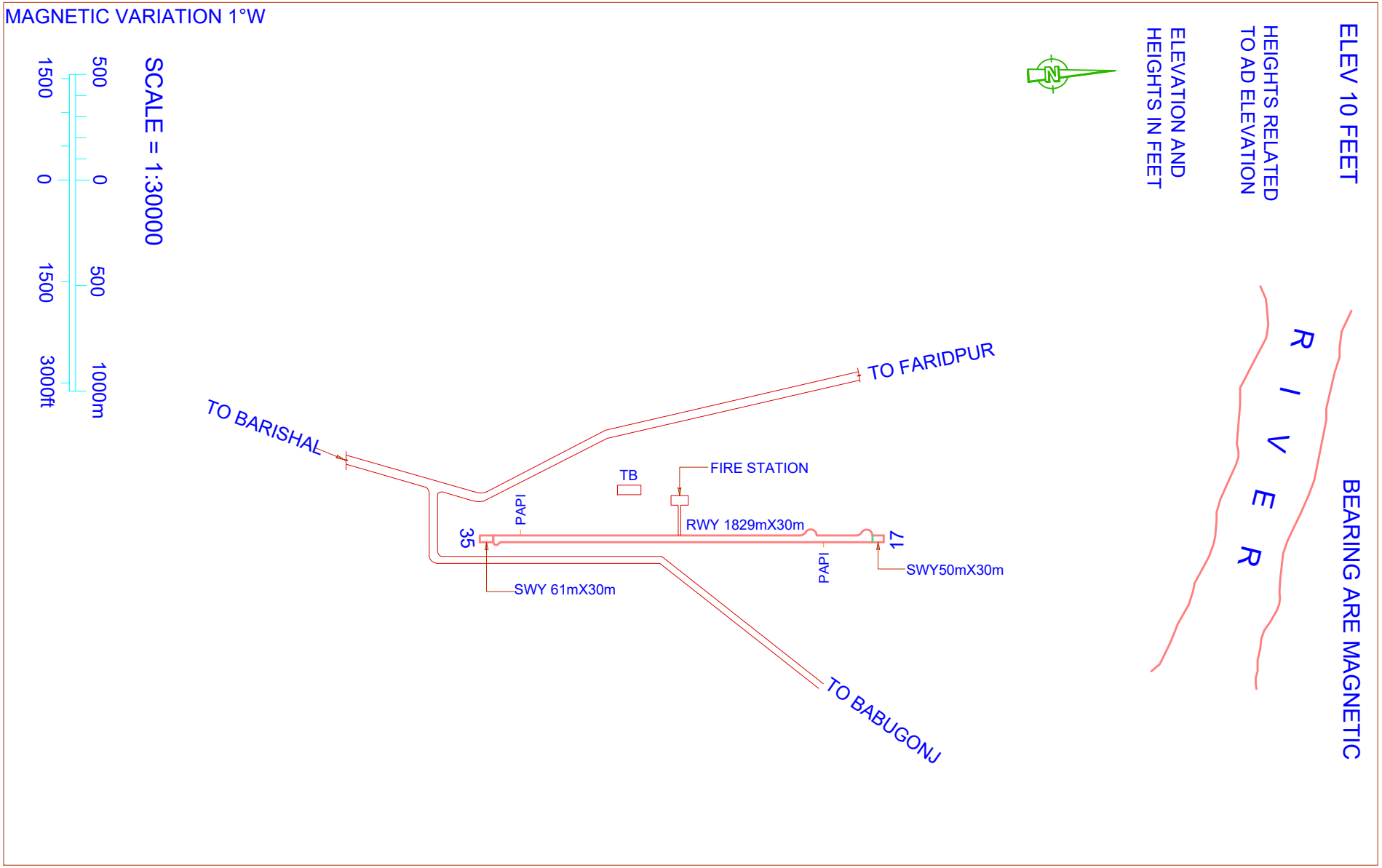
AERODROME CHAART - ICAO TYPE-A

TYPE-A

MAGNETIC VARIATION 1°W



CHANGE: Fire Station Position

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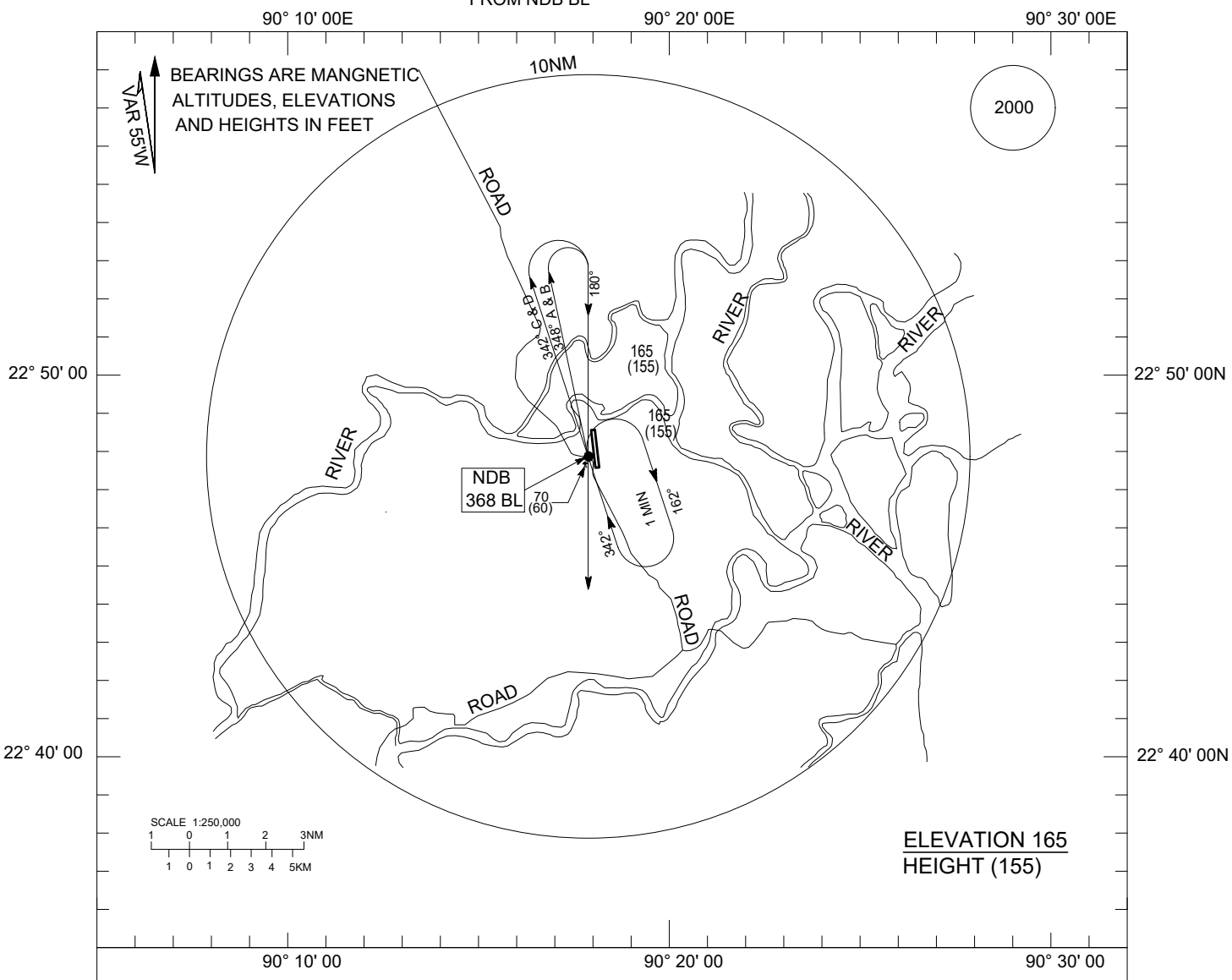
INSTRUMENT APPROACH CHART-ICAO

ELEV 10 FT
HEIGHTS RELATED TO AD ELEV

MSA 25 NM FROM NDB BL

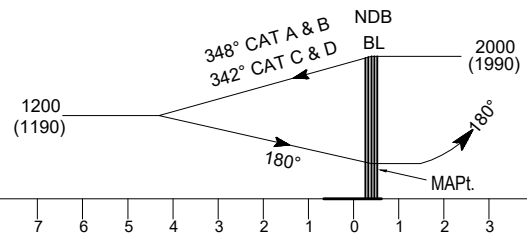
TWR 128.1
Stand by 129.3

BARISHAL, BANGLADESH
BARISHAL
NDB RWY 17



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

START TURN AT
CAT A & B : 3 MIN
CAT C & D : 2 MIN



MISSED APPROACH

CLIMB TO 2000 FT/610 m ON TRACK 180° AND CONTACT ATC FOR FURTHER INSTRUCTION

ELEV 10 FT

CATEGORY OF ACET		A	B	C	D
O C A (O C H)		500(490)	500(490)	500(490)	500(490)
SPEED	KNOTS	<91	91-120	121-140	141-165
MET MINIMA	V I S (m)	2000	2400	2800	2800

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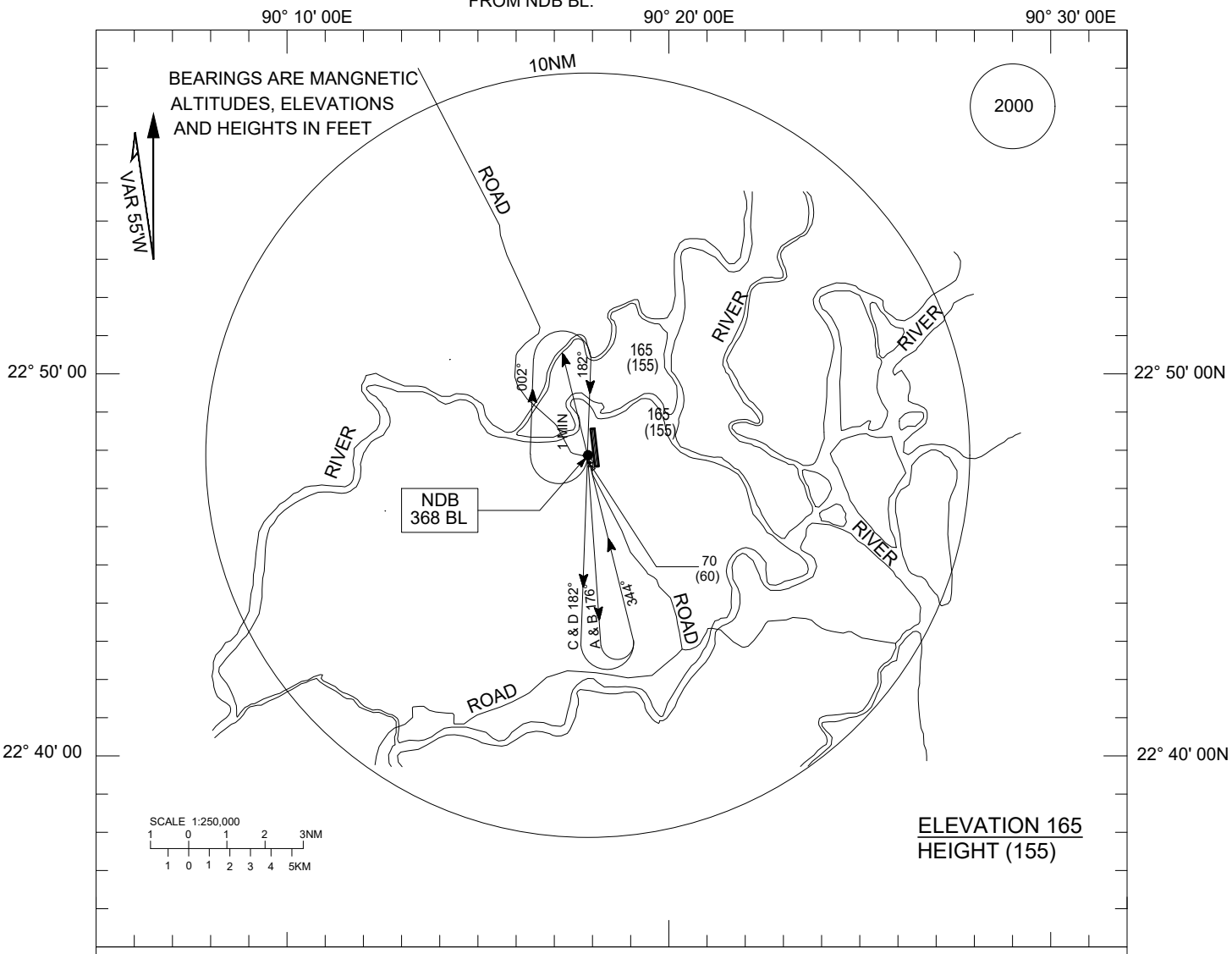
INSTRUMENT APPROACH CHART-ICAO

ELEV 10 FT
HEIGHTS RELATED TO AD ELEV

MSA 25 NM FROM NDB BL.

TWR 128.1
Stand by 129.3

BARISHAL, BANGLADESH
BARISHAL
NDB RWY 35

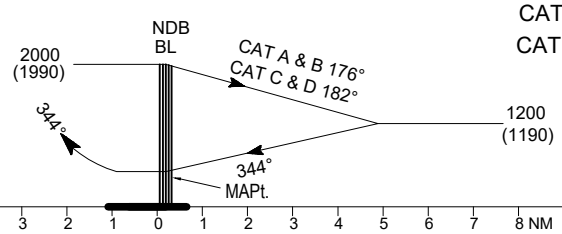


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

START TURN AT
CAT A & B : 3 MIN
CAT C & D : 2 MIN

MISSED APPROACH

CLIMB TO 2000 FT/610 m ON
TRACK 344° AND CONTACT ATC
FOR FURTHER INSTRUCTION



ELEV 10 FT

CATEGORY OF ACET		A	B	C	D
O C A (O C H)		500(490)	500(490)	500(490)	500(490)
SPEED	KNOTS	<91	91-120	121-140	141-165
MET MINIMA	V I S (m)	2000	2400	2800	2800

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VGCB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGCB –COX'S BAZAR AIRPORT, COX'S BAZAR.

VGCB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP coordinates and site at AD	212726.99N 915747.79 E, Centre of the RWY.
2	Distance and direction from city	02 km from city center
3	AD elevation/reference temperature	12 ft/ 34^0C
4	MAG VAR/ Annual change	1^0 W (2020) annual change 2'W
5	AD administration, address, telephone, telefax, telex, AFS	Civil Aviation Authority of Bangladesh Postal address: Airport Manager Cox's Bazar Airport, Cox's Bazar Bangladesh Telephone: APM: 88-02333346980 (Off) 88-02333346981(Res) 88-02333346982 (Fax) TWR: 88-02333346987
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	Nil

VGCB AD 2.3 OPERATIONAL HOURS

SL Nr.	Services	Hours
1	Aerodrome Administration	0900LT to 1700 LT except FRI, SAT & Government Holidays
2	Custom and Immigration	Nil
3	Health and Sanitation	HO
4	AIS briefing office	Nil
5	ATS reporting office (ARO)	HO
6	MET briefing office	HJ
7	Air traffic services	HO
8	Fuelling	Available
9	Handling	Nil
10	Security	HO
11	De-icing	Nil
12	Remarks	Nil

VGCB AD 2.4 HANDLING SERVICES AND FACILITIES

NIL

VGCB AD 2.5 PASSENGER FACILITIES

1	Hotels	AVBL
2	Restaurant	AVBL
3	Transportation available	Taxi, Microbus, Auto -rickshaws and Rickshaws
4	Medical facilities	Only First aid available
5	Banks and Post Office	AVBL
6	Tourist office	AVBL
7	Remarks	Cox's Bazar is the most important tourist spot in Bangladesh and longest sea beach in the world

VGCB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	CAT: 7
2	Rescue Equipment	AVBL
3	Disabled Aircraft Removal	Nil
4	Remarks	Nil

VGCB AD 2.7 SEASONAL AVAILABILITY CLEANING

2.7.1 The airport is available for all seasons, Side strips become unusable during monsoon. There is no requirement for clearing.

VGCB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Bituminous Concrete Strength: PCN 63/R/C/W/T (Old Apron) PCN 90/R/C/W/T (New Apron)
2	Taxiway width, surface and strength	Width:23m Surface: Bituminous Concrete Strength: PCN 63/R/C/W/T (TWY A AND B) PCN 90/R/C/W/T (TWY C AND D)
3	Altimeter checkpoint location and elevation	Not designated
4	VOR checkpoint	Nil
5	INS checkpoint	Nil
4	Remarks	NIL

VGCB AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Stand identification/taxiway guide lines/visual docking/parking guidance	Taxiing guidance signs at all intersections TWY and RWY at all holding positions. Guidelines at apron. Nose- in guidance at aircraft stands.
2	RWY and TWY markings and LGT	RWY markings: THR, Centre line RWY designator: Both runways TWY markings: RWY holding position and TWY centre line RWY LGT: Edge LGT, THR LGT and End LGT TWY LGT: Edge LGT
3	Stop bars	NIL
4	Remarks	NIL

VGCB AD 2.10 AERODROME OBSTACLES

SI.Nr.	Name of the Critical Points/Obstacles/ Structures	WGS-84 Co-ordinates		Elevation	
		Latitude	Longitude	ft	Meter
1.	Mobile Tower on the roof of Towrat Tower, Mozammel Hoque road, Jetty no.6	21°26'55.45" N	91°58'08.41" E	109.35	33.33
2.	Flood Light Mast, Airport Compound	21°26'58.47" N	91°58'02.31" E	93.53	28.51
3.	Control Tower	21°27'04.03" N	91°57'58.72" E	57.37	17.486
4.	Radar Mast, Kolatali	21°26'25.80" N	91°58'11.66" E	130.91	39.90
5.	HF Antenna (Control Tower Long Antenna)	21°27'04.52" N	91°57'58.71" E	80.10	24.414
6.	Hotel Sagargaon	21°26'34.28" N	91°58'16.45" E	142.49	43.43
7.	Hotel Alin Park	21°26'30.37" N	91°58'06.22" E	91.31	27.83
8.	Hotel Sea View	21°26'29.10" N	91°58'08.12" E	92.19	28.101
9.	Hotel Sands Beach, Jhowtala	21°26'28.23" N	91°58'04.28" E	54.86	16.721
10.	BTCL Tower (T&T),Beach Road	21°25'04.57" N	91°59'14.51" E	341.19	103.996
11.	Light House	$21^0$25'51.91"N	$91^0$58'44.31"E	263.64	80.357
12.	Wind Turbine	$21^0$29'58.61"N	$91^0$59’58.15"E	572.78	174.586
13.	Wind Turbine	$21^0$30'03.99"N	$92^0$00'22.0997"E	573.10	174.684
14.	Wind Turbine	$21^0$29'48.43"N	$92^0$00’35.58"E	572.53	174.509
15.	Wind Turbine	$21^0$29'46.39"N	$92^0$00'46.80"E	572.72	174.566
16.	GP TOWER	$21^0$28'09.13"N	$91^0$57'43.56"N	54	16.43

VGCB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	Cox’s Bazar (VGCB)
2	Hours of service	HJ
3	Office responsible for TAF preparation and periods of validity	Cox’s Bazar (VGCB) 6,12
4	Type of landing forecast Interval of issuance (Hours)	½ & Special
5	Briefing/ consultation provided	P
6	Flight documentation languages used	C, PL English
7	Charts and other information available for briefing or consultation	S, U
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	TWR
10	Additional information	Tel: 0341-63618

VGCB AD 2.12 RUNWAYS PHYSICAL CHARACTERISTICS

RWY designations	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR elevation (ft)	Slope of RWY-SWY
1	2	3	4	5	6	7
17	168.64^0	2743X45	PCN 90/F/C/W/T	212802.79 N 915740.69 E	12	NIL
35	348.64^0	2743X45		212634.86 N 915758.30 E	13	
Designation RWY NR	SWY dimensions(m)	CWY dimensions(m)	RESA	Strip Dimensions(m)	OFZ	Remarks
1	8	9	10	11	12	13
17	150X60	60×150	90×90	3163×250 Width 150m for East & 100m for west from RWY center line	Within the CWY	NIL
35	150X60	270×150	90×90			

VGCB AD 2.13 DECLARED DISTANCES

RWY	TORA(m)	TODA(m)	ASDA(m)	LDA(m)	REMARKS
1	2	3	4	5	6
17	2743	2803	2893	2743	NIL
35	2743	3013	2893	2743	NIL

VGCB AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designation	APCH LGT Type LEN & INTST	THR LGT color & WBAR	PAPI	TDZ LGT LEN	RWY Centre line LGT	RWY edge LGT, LEN. Spacing colour & INTST	RWY END LGT colour & WBAR	SWY LGT	Remarks
1	2	3	4	5	6	7	8	9	10
17	Simple approach lighting system LEN-total 150m Row to Row-30m	Green	PAPI 3^0 LEFT 15.70M	NIL	NIL	2742M. 60M. High Intensity White/ Amber edge lights as follows: From THR to 600M from RWY end: White. Rest 600M to RWY end Amber. INTST: 1%, 3%, 10%, 30%,100%	Red	NIL	NIL
35	Simple approach lighting system LEN-total 420m Row to Row-30m	Green with THR IDENT LGT	PAPI 3^0 LEFT 15.69M	NIL	NIL	2742M. 60M. High Intensity White/ Amber edge lights as follows: From THR to 600M from RWY end: White, Rest 600M to RWY end. Amber. INTST 1% 3% 10% 30% 100%	Red	NIL	NIL

VGCB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	LDI location and LGT Anemometer location and LGT	NIL Anemometer over Tower & Lighted.
2	Wind Socks and lights	Windsocks both end of RWY 17/35
3	TWY edge and Centre line lighting	Edge: Blue edge lights for all TWYs Centre line: NIL
4	Secondary power supply and switch over time	During main power supply failure, Automatic stand by generator power supply available for Simple Approach 17, Simple Approach 35, PAPI, REDL, RENDL, TWY Edge LGT, Guard LGT, Turn pad Edge LGT, Taxing Guidance sign & Apron Flood lights within 15 seconds.
5	Remarks	Apron lights: High intensity flood lights Turn Pad at 17 &35 end: Blue color Edge LGT Available Guard Light: AVBL at Night.

VGCB AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGCB AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	Aerodrome Traffic Zone (ATZ)
	Lateral limits	ATZ is oval shaped area joining outer tangents of 5NM (9KM) radius circles centered at the RWY centre and both ends of RWY.
2	Vertical limits	4000 ft (AMSL)
3	Airspace Classification	D
4	Unit/Language	Cox's Bazar Tower /English
5	Transition altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	Nil

VGCB AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Aerodrome Control Service	COX'S BAZAR TWR	Main 129.500 MHz Sdby 128.500 MHz Emergency 121.500MHz Ground 121.800MHz	HO	EM: A3

NAVIGATION VGCB AD 2.19 RADIO AND LANDING AIDS

Type of aid variation	Ident	Frequency	Hours of operation	Position of transmitting antenna Coordinates	Elevation of transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	CXB	116.800 MHz	H24	21°27'33.7" N 091°57'53.4" E	52ft	944m inward form RWY 17 THR & 194m offset from RWY center line.
DME	CXB	1202 MHz	H24	21°27'33.7" N 091°57'53.4" E	52 ft	Co-located with DVOR

VGCB AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGCB AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

VGCB AD 2.22 FLIGHT PROCEDURES

As Directed By ATC

VGCB AD 2.23 ADDITIONAL INFORMATIO

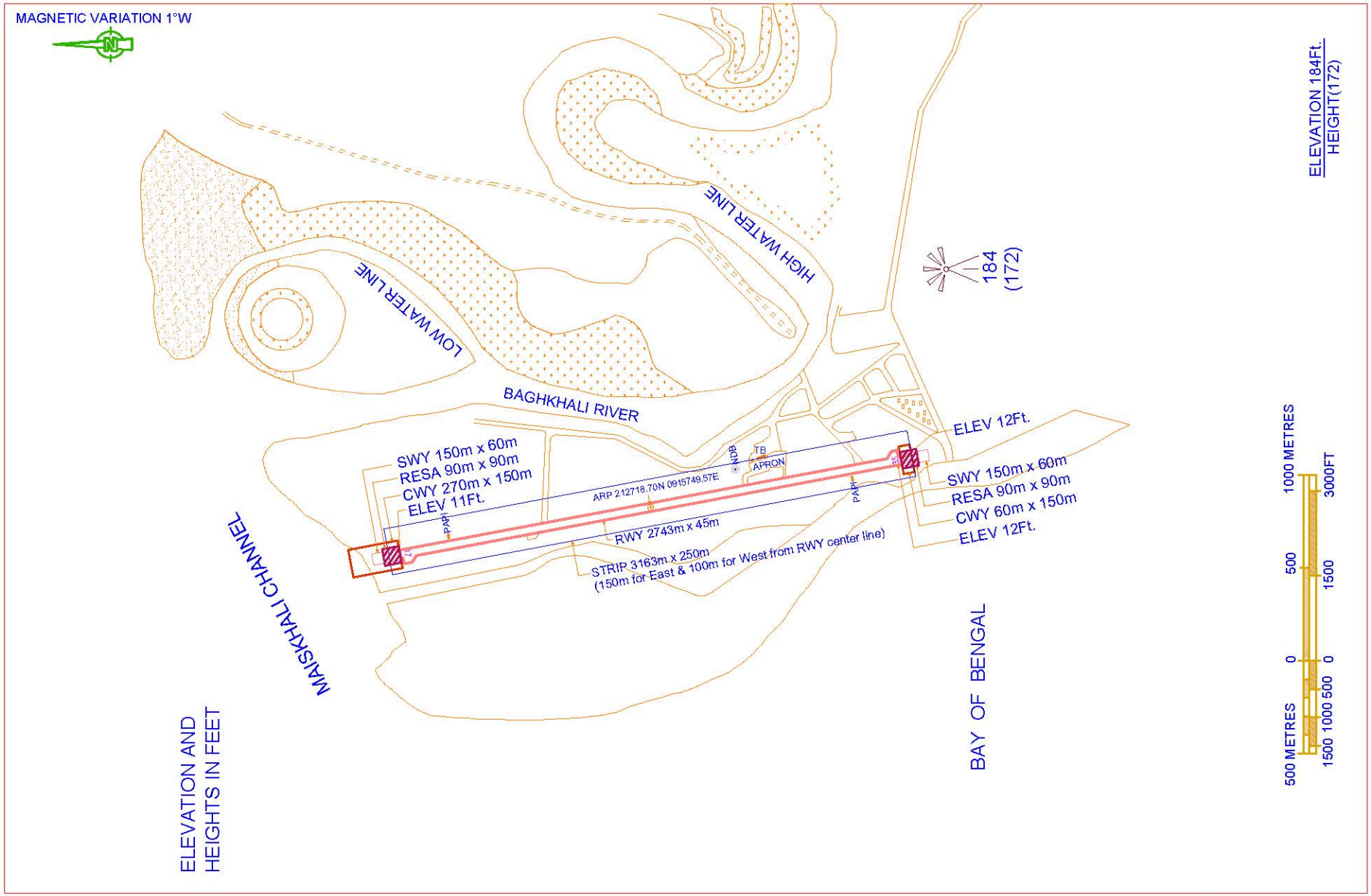
1. Aerodrome Reference code: 4C
2. There is one arresting barrier at distance of 45 m runway 35 (within runway strips) and barrier base of height 2 (two) ft from the surface, location 30m away on each side of the extended center line of the runway. No arresting barrier is available now at RWY-17 end due to RWY extension project work. In support, an aeronautical study was done.

VGCB AD 2.24 CHARTS RELATED TO COX'S BAZAR AIRPORT

ICAO CHARTS		
NR	TYPE OF CHARTS	PAGE NR
1	AERODROME	VGCB AD 2-7
2	INSTRUMENT APPROACH CHARTS	VGCB AD 2-9& 2-11

AERODROME CHAART - ICAO

COX'S BAZAR AIRPORT, COX'S BAZAR



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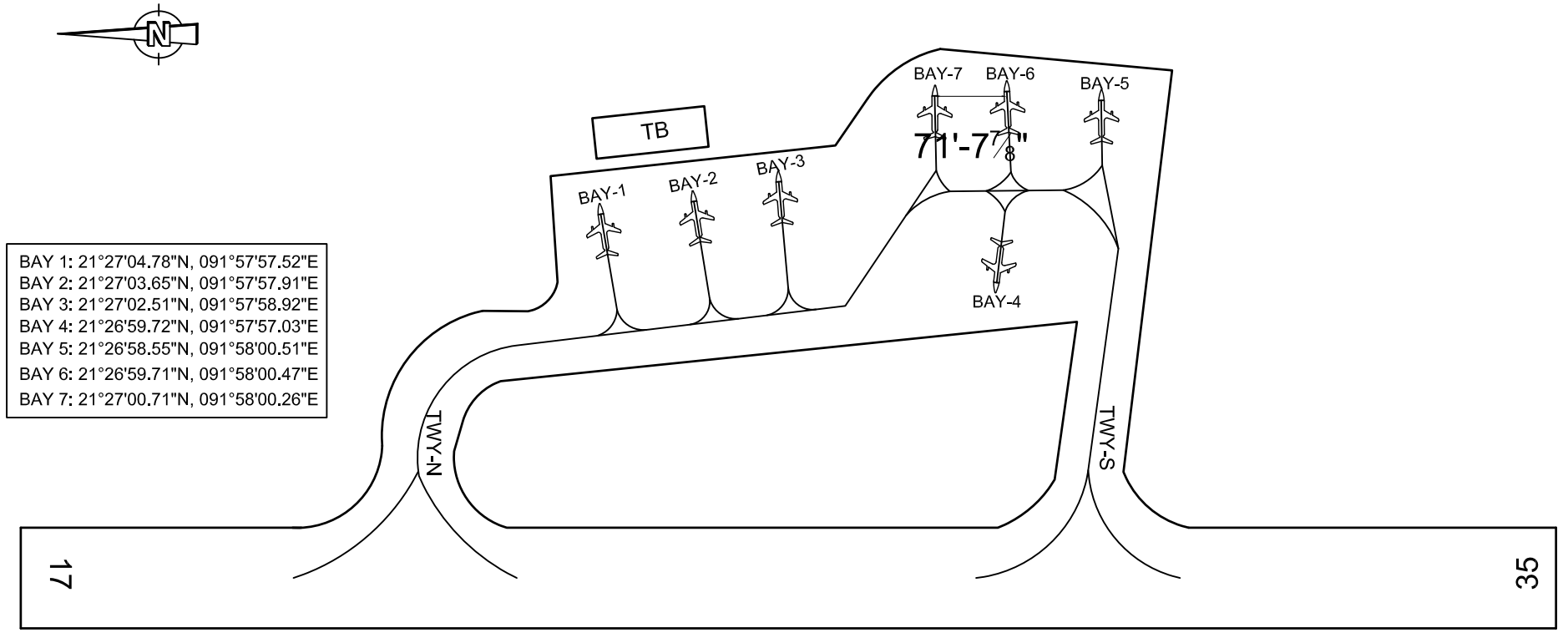
MAGNETIC VARIATION 1°W



BAY 1: 21°27'04.78"N, 091°57'57.52"E
BAY 2: 21°27'03.65"N, 091°57'57.91"E
BAY 3: 21°27'02.51"N, 091°57'58.92"E
BAY 4: 21°26'59.72"N, 091°57'57.03"E
BAY 5: 21°26'58.55"N, 091°58'00.51"E
BAY 6: 21°26'59.71"N, 091°58'00.47"E
BAY 7: 21°27'00.71"N, 091°58'00.26"E

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VGCM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGCM–CUMILLA STOLPORT, CUMILLA

VGCM AD 2.2 AERODROME GEOGRAFICAL AND ADMINISTRATION DATA

1	ARP coordinates and site at AD	232615.71N 911122.28E, centre of the RWY
2	Distance and direction from city	03 NM South east Cumilla town.
3	AD elevation/reference temperature	25 ft/ 36.9^{0}C
4	MAG VAR/ annual changes	1^0 W (2020) Annual changes 2'W
5	AD administration, address, telephone	Civil Aviation Authority of Bangladesh Postal address: Airport Manager Cumilla STOL PORT, Cumilla, Bangladesh. Telephone: APM: 880- 81-76119 (Off)
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	Nil

VGCM AD 2.3 OPERATIONAL HOURS

SL. Nr.	Services	Hours
1	Aerodrome Administration	As per government declared office hour. FRI & SAT holiday
2	Custom and Immigration	Nil
3	Health and Sanitation	Nil
4	AIS briefing office	Nil
5	ATS Reporting Office (ARO)	Nil
6	MET briefing office	Nil
7	Air traffic services	Nil
8	Fueling	Nil
9	Handling	Nil
10	Security	Nil
11	De-icing	Nil
12	Remarks	Nil

VGCM AD 2.4 HANDLING SERVICES AND FACILITIES

NIL

VGCM AD 2.5 PASSENGER FACILITIES

NIL

VGCM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

NIL

VGCM AD 2.7 SEASONAL AVAILABILITY CLEANING

NIL

VGCM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Bituminous Concrete Strength: Flexible pavement
2	Taxiway width, surface and strength	Width: Surface: Bituminous Concrete Strength:
3	Altimeter checkpoint location and elevation	Not designated
4	INS Checkpoints check point	Nil
5	INS Checkpoints	NIL
6	Remarks	NIL

VGCM AD 2.9 SURFACE MOVEMENT GUIDENCE AND CONTROL SYSTEM AND MARKINGS

RWY **a**nd TWY Markings Are Available

VGCM AD 2.10 AERODROME OBSTACLES

SlNr	**Name of the Critical Points/Obstacles/Structures**	**WGS-84 Coordinates**		**Elevation**	
		Latitude	**Longitude**	**ft**	**Meter**
1.	D-VOR	232600.0N	911124.9E	46.61	14.21
2.	NDB	232610.3N	911115.9E	78.05	23.79
3.	Control Tower	232609.58N	911116.48E	68.55	20.89
4.	Faruk Tower (Mansur Tower), Ashrafpur, Rajapur, Cumilla.	232615.97N	911039.36E	133.87	40.80

VGCM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

NIL

VGCM AD 2.12 RUNWAYS PHYSICAL CHARACTERISTICS

Designator RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY		THR Coordinates	THR elevation (ft)	Slope of RWY-SWY
			RWY	SWY			
1	2	3	4		5	6	7
16	162.67^0	914 X 30	Flexible Pavement Bituminous concrete	Brick Soling	232627.95N 911118.13E	25	-
34	342.67^0	914 X 30			232559.10N 911127.62E	25	

Designation RWY NR	SWY dimensions (m)	CWY dimensions (m)	Strip Dimensions (m)	OFZ	Remarks
1	8	9	10	11	12
16	60x30	60x75	1034x150	Within the CWY	NIL
34	60x30	300x75	1034x150	Within the CWY	NIL

VGCM AD 2.13 DECLARED DISTANCES

RWY	TORA(m)	TODA (m)	ASDA(m)	LDA(m)	REMARKS
1	2	3	4	5	6
16	914	974	974	914	NIL
34	914	1214	974	914	NIL

VGCM AD 2.14 APPROACH AND RUNWAY LIGHTING

NIL

VGCM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

NIL

VGCM AD 2.16 HELICOPTER LANDING AREA

NIL

VGCM AD 2.178 AIR TRAFFIC SERVICES AIRSPACE

NIL

VGCM AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

NIL

VGCM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid variation	Ident	Frequency	Operation Hour	Coordinates	Elevation of transmitting antenna	Remarks
1	2	3	4	5	6	7
D-VOR	CML	115.500 MHz	0001 TO 1600	232600.0N 911124.9E	47	To meet the requirement of over flying traffic. EM: A2
DME	CML	1189 MHz		232600.0N 911124.9E	47	

VGCM AD 2.20 LOCAL TRAFFIC REGULATIONS

NILL

VGCM AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGCM AD 2.22 FLIGHT PROCEDURES

NIL

VGCM AD 2.23 ADDITIONAL INFORMATION

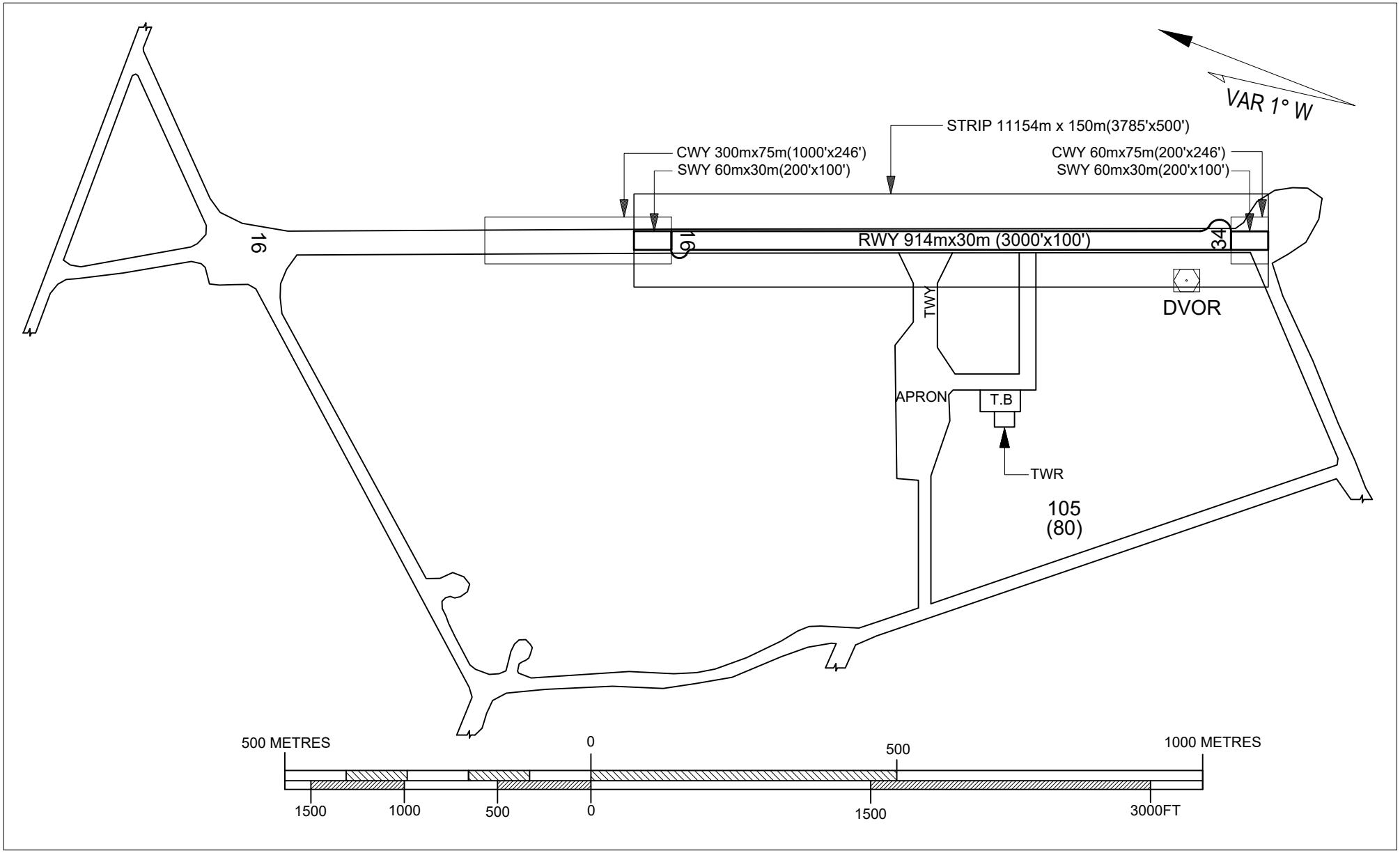
NIL

VGCM AD 2.24 CHARTS RELATED TO CUMILLA STOL PORT

ICAO CHARTS		
NR	TYPE OF CHARTS	PAGE NR
1	AERODROME	VGCM AD 2-5

AERODROME CHART-ICAO
TYPE-A

CUMILLA STOLPORT, CUMILLA



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VGIS AD 2.1 AERODROME LOCATION INDICAATOR AND NAME

VGIS -ISHURDI AIRPORT, ISHURDI.

VGIS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP co-ordinates and site at AD	240912.57N, 890256.25E
2	Distance and direction from city	03 NM North of Town.
3	AD elevation / reference temperature	46ft/40.4^{0}C
4	MAG VAR / Annual change	0.40^0 W (2020) Annual Change 1' W
5	AD administration, address, telephone telefax, telex, AFS	Civil Aviation Authority of Bangladesh Postal address: Airport Manager Ishurdi Airport, Ishurdi Bangladesh Telephone: APM/TWR 07326-63569
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	Nil

VGIS AD 2.3 OPERATIONAL HOURS

SL. No.	Services	Hours
1.	Aerodrome Administration	0900 LT to 1700 LT except FRI, SAT & Government Holidays
2.	Custom and Immigration	NIL
3.	Health and Sanitation	HO
4	AIS briefing Office	NIL
5	ATS reporting Office (ARO)	HO
6	MET briefing Office	HO
7	Air traffic service	HO
8	Fueling	NIL
9	Handling	NIL
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGIS AD 2.4 HANDLING SERVICES AND FACILITIES

NIL

VGIS AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil
2	Restaurant	AVBL, capacity- 20 persons.
3	Transportation available	Buses, Rickshaws and Taxies.
4	Medical facilities	Only first aids available.
5	Banks an post Offices	Bank available.
6	Tourist office	Nil
7	Remarks	Nil

VGIS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for dire fighting	CAT: NIL AVBL: NIL
2	Rescue Equipment	AVBL
3	Disabled Aircraft Removal	Nil
4	Remarks	Nil

VGIS AD 2.7 SEASONAL AVAILABILITY CLEARING

2.7.1 The airport is available for all seasons. Side strips become unusable during monsoon. There is no requirement for clearing.

VGIS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA.

1	Apron surface and strength	Surface: Bituminous Concrete Strength: PCN 12/R/C/Y/T
2	Taxiway width, Surface and Strength	Width: 50 FT, 75 FT and 100 FT. Surface: Bituminous Concrete Strength: PCN 12/R/C/Y/T
3	ACL location and elevation	Not designated
4	Remarks.	NIL

VGIS AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

1	Stand identification/ taxiway guide lines/ visual docking/ Parking guidance	Taxiing guidance signs at all intersections with TWY and RWY at all holding positions. Guidelines at apron. Nose-in guidance at aircraft stands.
2	RWY and TWY markings and LGT	RWY marking aids: THR, Centre line, RWY designator all runways TWY marking aids: TWY center line-all TWYs.
3	Stop bars	Nil
4	Remarks	Nil

VGIS AD 2.10 AERODROME OBSTACLES

1	Obstruction in approach and take-off areas	Obstruction in approach, take-off area and circling area are shown in instrument approach charts and Aerodrome Charts.
2	Obstruction in the circling area and at aerodrome.	

LIST OF HIGH MAST/TOWER/BUILDING/BARRIER/ANTENNA AROUND ISHURDI AIRPORT, ISHURDI

SI. No	Name of the Obstacles/ Structures	Geographical Coordinates in WGS-84		Elevation	
		Latitude	Longitude	metre	feet
1	BAF Repeater Station Tower, Vill: Naldaha, PO: Sripur, Upazila: Pabna Sadar, Dist: Pabna.	23°59'04.31"N	89°18'39.67"E	104.66	343.37
2	Wierless Tower, Police Super Office, Upazila: Pabna Sadar, Dist: Pabna.	23°59'55.16" N	89°13'57.93" E	92.91	304.84
3	BTCL Tower, BTCL Office, Jail Road, Upazila: Pabna Sadar, Dist: Pabna.	24°00'14.58" N	89°13'58.17" E	119.08	390.70
4	Airtel Mobile Tower, Aronkhola Battala More, Village: Baharpur, Union: Muladuli, Upazila: Ishwardi, Dist: Pabna.	24°07'09.29" N	89°05'34.67" E	75.68	248.33
5	West Regional Gas Company Ltd(GTCL) Tower, Aronkhola Battala More, Village: Baharpur, Union: Muladuli, Upazila: Ishwardi, Dist: Pabna.	24°07'09.23" N	89°05'21.28" E	61.74	202.59
6	Control Tower, Ishwardi Airport, Upazila: Ishwardi, Dist: Pabna	24°09'08.69" N	89°02'42.11" E	27.85	91.39
7	NDB Antena, Ishwardi Airport, Upazila: Ishwardi, Dist: Pabna.	24°09'10.24"N	89°02'41.45" E	32.25	105.82
8	Robi Mobile Tower, Arambaria Bazar, Union: Saraghat, Upazila: Ishwardi, Dist: Pabna.	24°09'31.88" N	89°01'31.54" E	57.76	189.54
9	Grameen Phone Tower, Lalpur Bazar More, Upazila: Lalpur, Dist: Natore.	24°10'51.18" N	88°58'01.60" E	59.35	194.75
10	Mobile Tower, Lalpur Bazar More, Upazila: Lalpur, Dist: Natore	24°10'37.64" N	88°57'53.93" E	51.67	169.54
11	Chimney, N,S,K Brick Field, Manzil Pukur, PO: Lalpur, Upazila: Lalpur, Dist: Natore.	24°11'24.43" N	88°55'59.31" E	75.32	247.12
12	Banglalink Tower, Chalk Nazirpur Bottala More, Pouroshova: Gopalpur, Upazila: Lalpur, Dist: Natore.	24°13'57.01" N	89°00'47.63" E	56.63	185.82
13	Banglalink Tower, Awotapara Bazar, Vill: Awotapara, PO: Basherbada, Upazila: Ishwardi, Dist: Pabna.	24°03'09.36" N	89°07'08.27" E	47.95	157.33
14	High Tension Electric Tower-1, Ruppur Mur, Vill: Pakshi, Upazila: Ishwardi, Dist: Pabna.	24°04'18.23" N	89°03'10.46" E	48.38	158.74
15	High Tension Electric Tower-2, Ruppur Mur, Vill: Pakshi, Upazila: Ishwardi, Dist: Pabna.	24°04'17.65" N	89°03'07.95" E	47.98	157.42
16	High Tension Electric Tower-3, Ruppur Mur, Vill: Pakshi, Upazila: Ishwardi, Dist: Pabna	24°04'19.07" N	89°03'06.49" E	46.18	151.55
17	Mobile Tower, Ruppur Mur, Vill: Pakshi, Upazila: Ishwardi, Dist: Pabna.	24°04'19.62" N	89°03'08.96" E	62.76	205.94
18	High Tension Electric Tower-4, (East Side of Padma River) Saraghat, Vill: Sara Gopalpur, Upazila: Ishwardi, Dist: Pabna.	24°06'08.63" N	89°01'43.28" E	164.47	539.64
19	High Tension Electric Tower-5, (West Side of Padma River), Vill: Golapnagar, Upazila: Bheramara, Dist: Kustia.	24°05'27.49" N	89°00'27.76" E	120.85	396.52

VGIS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

2.11.1 Weather information will be provided by meteorological Department at the Airport.

VGIS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator RWY NR	TRUE & MAG BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR elevation.	Slope of RWY-SWY
1	2	3	4	5	6	7
15	153.31^{0}T	1433 X 23	Flexible Pavement Bituminous Concrete	240929.95N 890246.56E	46ft	--
33	333.31^{0}T	1433 X 23		240848.77N 890309.47E	46 ft	--

Designator RWY NR	SWY Dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ	Remarks
	8	9	10	11	12
15	91X23	305X153	1615X153	Within the CWY	Nil
33	91X23	305X153	1615X153	Within the CWY	Nil

VGIS AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	REMARKS
1	2	3	4	5	6
15	1433	1738	1524	1433	NIL
33	1433	1738	1524	1433	NIL

VGIS AD 2.14 APPROACH AND RUNWAY LIGHTING

NIL

VGIS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1. During Main Power supply failure, Automatic standby generator power supply available within 30 seconds.

VGIS AD 2.16 HELICOPTER LANDING AREA

AS directed by ATC

VGIS AD 2.17 AIR TRAFFIC SERVICES AIRSPACE.

1	Designation	Aerodrome flight information zone (AFIZ)
	Lateral limits	AFIZ is circle of 5 NM radius centered at the RWY centre.
2	Vertical limits	3000 ft (ALT)
3	Airspace	G
4	Unit Language	Ishurdi Information English
5	Transition altitude	6000 ft
6	Remarks	Nil

VGIS AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designator	Call Sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Flight Information Service	Ishurdi Information	122.900 MHz EM: A3	HO	Nil

VGIS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid variation	Ident	Frequency	Hours of operation	Co-ordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	IS	-----	----	----	----	Dismantled

VGIS AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior information to ATC is needed

VGIS AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGIS AD 2.22 FLIGHT PROCEDURES

1. **Co-ordination Procedure :**

1.1 **Departure :**

Before passing information required by start-up of engines. Ishurdi information will co-ordinate with Dhaka area control centre regarding flight level and visual meteorological conditions at Tejgaon (When destination is Tejgaon). Aircraft will not climb higher than 3000ft. if co-ordination cannot be made for higher altitude by Ishurdi information or by the aircraft with Dhaka Area Control Centre.

1.2 Dhaka area control centre will not issue clearance to the aircraft to descend below 4000ft. without Co-ordination with Ishurdi information. Dhaka ACC will allow the aircraft to change to Ishurdi information, when aircraft establish contact with Ishurdi and is ready to change over.

VGIS AD 2.23 ADDITIONAL INFORMATION

2.23.1 Security : Operators are responsible for security of the aircraft during operation and while aircraft is in parked position. CAAB also provided security for passengers and aircraft.

VGIS AD 1.24 CHARTS RELATED TO ISHURDI AIRPORT

ICAO CHARTS		
NR	TYPES OF CHARTS	PAGE NR
1	TYPES OF CHARTS	VGIS PAGE AD2-7
2	INSTRUMENT APPROACH CHARTS	VGIS PAGE AD 2-9 & 2-11

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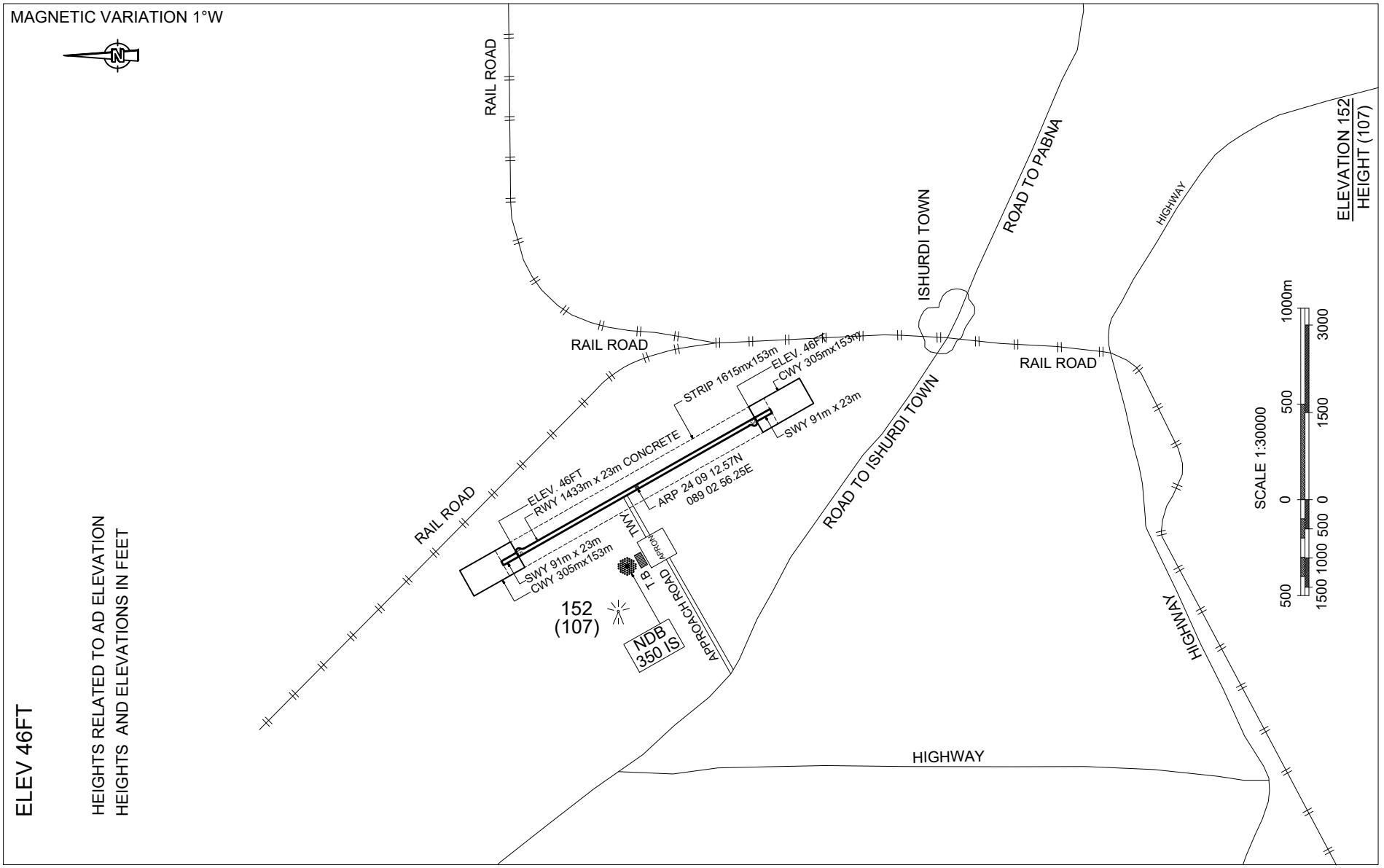
AERODROME CHART-ICAO
TYPE-A

ISHURDI AIRPORT, ISHURDI, PABNA



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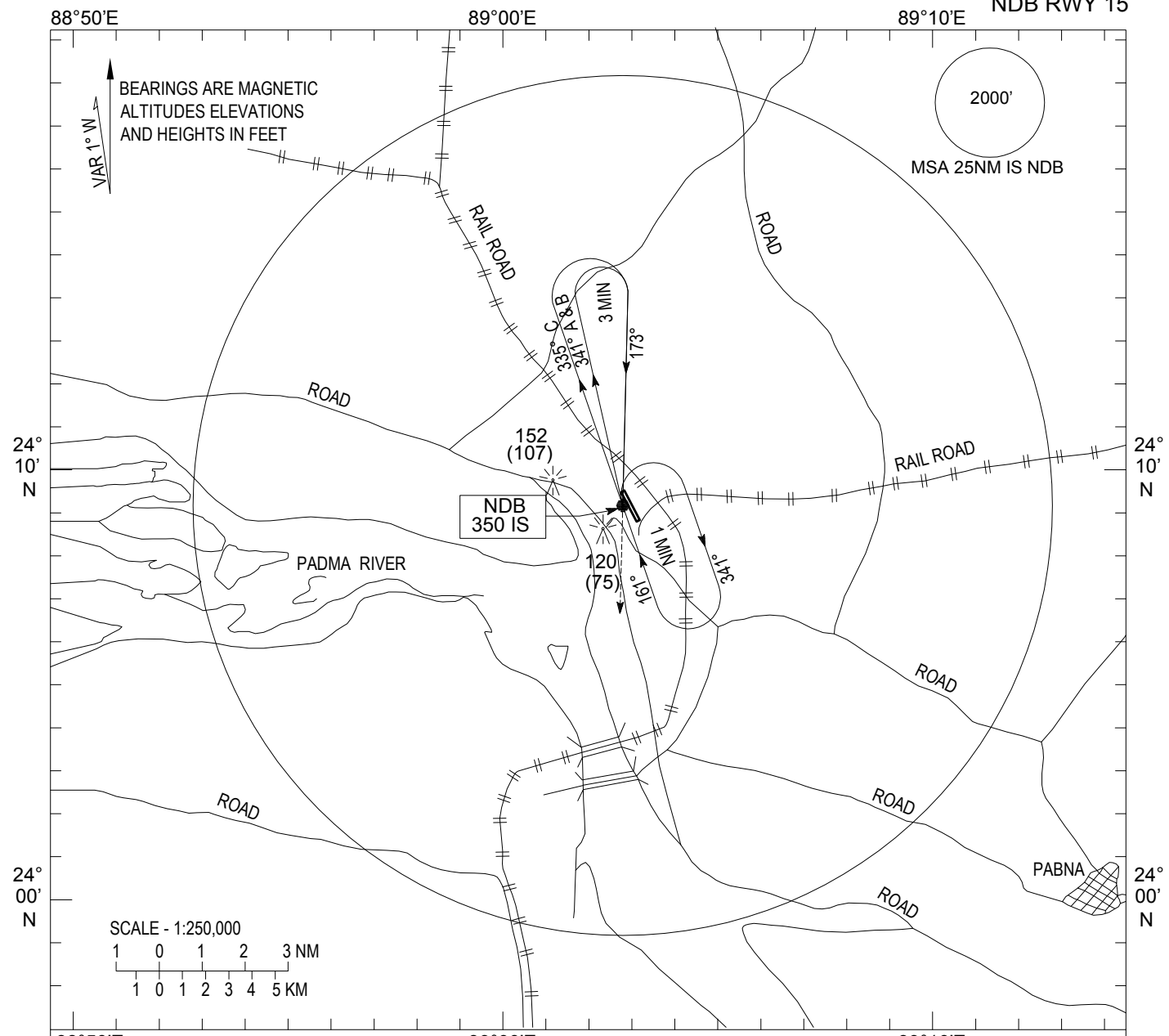
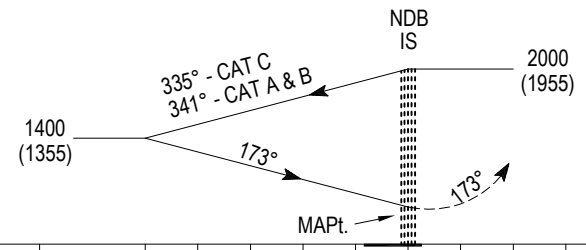
INSTRUMENT APPROACH CHART-ICAO

ELEV 45 FT
HEIGHTS RELATED TO AD ELEV

TWR 129.1

ISHURDI, BANGLADESH
ISHURDI
NDB RWY 15





PROCEDURES BASED ON TAS 120 KT (STILL AIR)

TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH
CLIMB TO 2000FT / 610M ON
TRACK 173° CONTACT ATC
FOR FURTHER INSTRUCTION

MET MINIMA VIS 2800m	5 NM	0	5 NM

CATEGORY OF ACFT	A	B	C	D
OCA	450	450	450	

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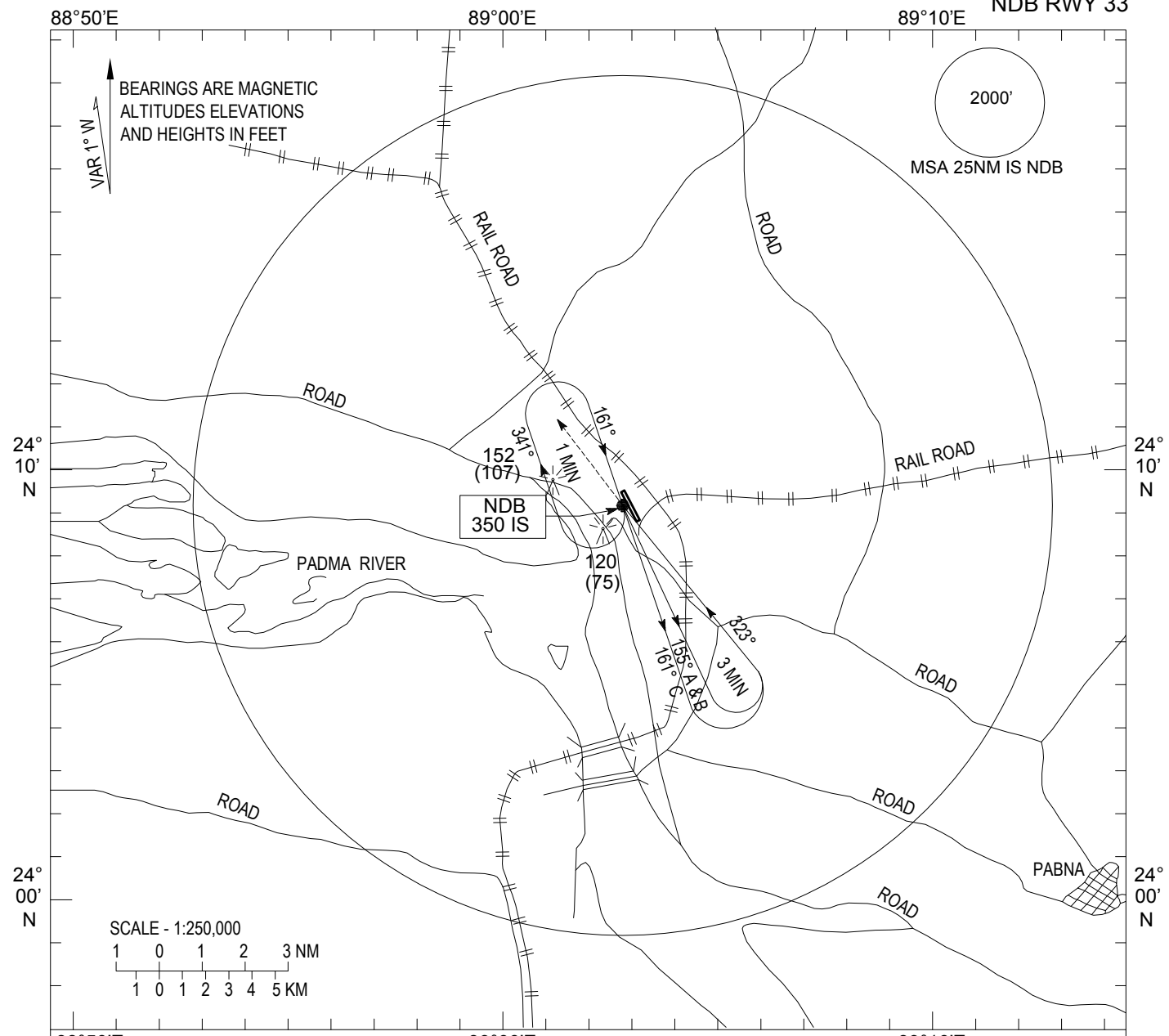
INSTRUMENT APPROACH CHART-ICAO

ELEV 45 FT
HEIGHTS RELATED TO AD ELEV

TWR 129.1

ISHURDI, BANGLADESH
ISHURDI
NDB RWY 33

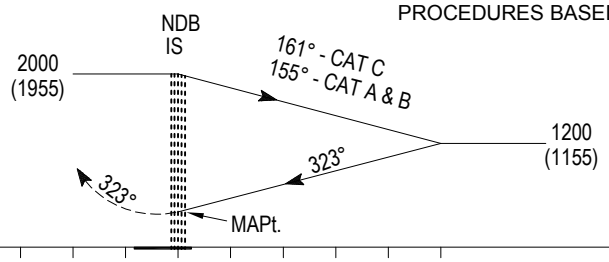


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH
CLIMB TO 2000FT / 610M ON
TRACK 323° CONTACT ATC
FOR FURTHER INSTRUCTION

ELEV 45FT

PROCEDURES BASED ON TAS 120 KT (STILL AIR)



MET MINIMA VIS 2800m	5 NM	0	5 NM

CATEGORY OF ACFT	A	B	C	D
OCA	450	450	450	

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VGJR AD 2.1 AERODROME LOCATION INDICAATOR AND NAME

VGJR -JASHORE AIRPORT, JASHORE.

VGJR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP co-ordinates an site at AD	231101.66N 0890939.16E in the RWY
2	Distance and direction from city	04 NM North of Town (GPO).
3	AD elevation / reference temperature	20FT/40.5^{0}C
4	MAG VAR	1^0 W (2020) Annual Change 1'W
5	AD administration, address, telephone telefax, telex, AFS	Civil Aviation Authority of Bangladesh Postal address: Airport Manager Jashore airport, Jashore. Bangladesh Telephone: APM: 02477764915 TWR: 02477765348 Mobile: 01894909622
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGJR AD 2.3 OPERATIONAL HOURS

SL.Nr.	Services	Hours
1.	Aerodrome Administration	As per government declared office hour. FRI & SAT holiday
2.	Custom and Immigration	NIL
3.	Health and Sanitation	HO
4	AIS briefing Office	NIL
5	ATS reporting Office (ARO)	HO
6	MET briefing Office	HO
7	Air traffic service	HO
8	Fueling	NIL
9	Handing	NIL
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGJR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Manual handling
2	Fuel/Oil Types	Nil
3	fueling facilities/ Capacity	Nil
4	De-icing facilities	Nil requirement
5	Hanger space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

VGJR AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil at Airport side but available at city area
2	Restaurant	AVBL, capacity- 20 persons.
3	Transportation available	Buses, Rickshaws and Taxies.
4	Medical facilities	Only first aids avbl.
5	Banks an post Offices	Bank avbl.
6	Tourist office	Nil
7	Remarks	Nil

VGJR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	CAT: 5
2	Rescue Equipment	AVBL
3	Disabled Aircraft Removal	Nil
4	Remarks	Nil

VGJR AD 2.7 SEASONAL AVAILABILITY CLEARING

2.7.1 The airport is available for all seasons. Side strips become unusable during monsoon. There is no requirement for clearing.

VGJR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA.

1	Apron surface and strength	Surface: Bituminous Concrete Strength: PCN 18/F/C/Y/T
2	Taxiway width, Surface and Strength	Width: 50 FT, 75 FT and 100 FT. Surface: Bituminous Concrete Strength: PCN 18/F/C/Y/T
3	Altimeter checkpoint location and elevation	Not designated
4	INS Checkpoints check point	NIL
5	INS Checkpoints	NIL
6	Remarks.	NIL

VGJR AD 2.9 SURFACE MOVEMENT GUIDENCE AND CONTROL SYSTEM AND MARKING

1	Stand identification/taxiway guide lines/visual docking/parking guidance	Taxiing guidance signs at all intersections TWY and RWY at all holding positions. Guidelines at apron. Nose- in guidance at aircraft stands.
2	RWY and TWY markings and LGT	RWY marking aids: THR, Centre line, RWY designator : All runways. TWY marking aids : RWY holding position, TWY centre line : All TWYs. RWY LGT : AVBL, APP. LGT : AVBL for RWY 16 PAPI LGT : AVBL.
3	Stop bars	NIL
4	Distance Marker Board	AVBL, Lighted at night

VGJR AD 2.10 AERODROME OBSTACLES

SI. Nr	Name of the Critical Points/Obstacles/Structures	WGS-84 Co-ordinates		Elevation	Remarks
		Latitude	Longitude	ft	
1.	DVOR	23°12'06.3" N	89°09'10.4" E	50	
2.	Control Tower	23°10'38.17" N	89°09'38.85" E	127	
3.	Robi Mobile Tower (On the roof of Ms Orchid Centre), 44 M K Road	23°09'54.35"N	89°12'48.26"E	222	
4.	Civil Apron Mast Light 1	23°10'37.42" N	89°09'39.81" E	103	
5.	Civil Apron Mast Light 2	23°10'34.43" N	89°09'41.26" E	104	
6.	Civil Apron Mast Light 3	23°10'31.30" N	89°09'42.88" E	104	
7.	Police Line Mast	23°10'25.16" N	89°11'42.16" E	227	
8.	DGFI Mast, Jashore Cantonment	23°10'27.47" N	89°11'08.49" E	181	
9.	Wind Socks RWY-34	23°10'35.06" N	89°09'48.12" E	42	
10.	Wind Socks RWY-16	23°11'31.10" N	89°09'29.52" E	46	
11.	Noapara Radio Mast	23°02'55.91" N	89°22'47.00" E	400	
12.	Arresting Barriers	---	---	31	386 ft fm RWY 16, 94 ft fm THR RWY 34
13.	VDF Aerial Mast	---	---	110	173^0 MAG fm THR RWY 16
14.	GCA Radar	---	---	60	1179 m (SE) fm THR RWY 16 and 132.08 m off set fm RWY centre line
15.	Rajarhat Mast	230830.60N	891432.46E	318	5NM on BRG 111^0 M fm Control TWR
16.	Garrison Mosque	---	---	115	050^0 MAG fm Control TWR1.7 km (approx)

VGJR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	Jashore Airport (VGJR)
2	Hours of service	HO
3	Office responsible for TAF preparation Periods of validity (Hours)	Hazrat Shahjalal Intl (VGHS)
4	Type of landing forecast Interval of issuance (Hours)	----
5	Briefing/ consultation provided	P, D, T
6	Flight documentation languages used	C, PL English
7	Charts and other information available for briefing or consultation	S, U
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	TWR
10	Additional information	Nil

VGJR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR elevation (ft)	Slope of RWY-SWY
1	2	3	4	5	6	7
16	157.81^0	2420X45	PCN 17F/C/W/T Bituminous concrete	231137.94 N 890922.92 E	20	0%
34	337.81^0	2420X45		231025.65 N 890955.32 E	20	0%

Designator RWY NR	SWY dimensions (m)	CWY dimensions (m)	RESA	Strip dimensions (m)	OFZ	Remarks
1	8	9	10	11	12	13
16	NIL	150 X 150	90X90	2600 X 150	Within the CWY	Nil
34	60 X 45	210 X 150	90X90	2600 X 150	Within the CWY	Nil

VGJR AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	REMARKS
1	2	3	4	5	6
16	2420	2570	2420	2420	
34	2420	2630	24A80	2420	

VGJR AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH	THR	PAPI	TDZ	RWY Centre	RWY edge	END & WBAR	STWL	Remarks
1	2	3	4	5	6	7	8	9	10
16	Simple Approach lighting system Length: 280 M	Six green LGT	PAPI	NIL	NIL	60 m apart **75** Nr White Omni-directional with fixed intensity	END: Avbl 6 Red LGT Unidirectional	NIL	Kerosene flares avbl
34	Simple Approach lighting system Length: 150 M	Six green LGT	PAPI	NIL	NIL	60 m apart **75** Nr White Omni-directional with fixed intensity		NIL	

VGJR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN Location, characteristics and hours of operation	Altn W/ G every 5 sec Hours: HO, near NDB
2	LDI location and LGT Anemometer location and LGT	Nil Atop control TWR, LGT
3	TWY edge and centre line lighting	Edge: AVBL Centre line: Nil
4	Secondary power supply switch-over time	During main power supply failure, Automatic standby generator power supply available within 30 seconds
5	Remarks	Kerosene flares avbl

VGJR AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGJR AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	Aerodrome Traffic Zone (ATZ)
	Lateral limits	ATZ is an oval shaped area joining outer tangents of 5 NM (9 km) radius circle centered at the Runway centre and both ends of the Runway.
2	Vertical limits	4 000 ft (ALT)
3	Airspace	D
4	Unit Language	Jashore Tower English
5	Transition Altitude	6000 ft
6	Hours of applicability (or activation)	HO
7	Remarks	NIL

VGJR AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designation	Call Sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Aerodrome Control Service	Jashore Tower	123.200 MHz (PRI) 123.900 MHz (SRY)	HO	EM: A3
Surface Movement Control (SMC)	Jashore Ground	121.800 MHz	HO	EM: A3

VGJR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Types of aid variation	Ident	Frequency	Hours of operation	Coordinates	Elevation of DME Transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	JSR	113.000 MHz	HO	231206.37N 0890910.37E		
DME	JSR	1164 MHz	HO	231206.37N 0890910.37E		

VGJR AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGJR AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGJR AD 2.22 FLIGHT PROCEDURES

NIL

VGJR AD 2.23 ADDITIONAL INFORMATION

1. Coordination with Bangladesh Air Force is required prior to clearing Civil aircraft to carry cut any instrument approach procedure at Jashore Airport due to close proximity of VGR 23, 24 and 25

2. VGD-3 is required to be kept inactive while carrying out any instrument approach procedure by civil aircraft.

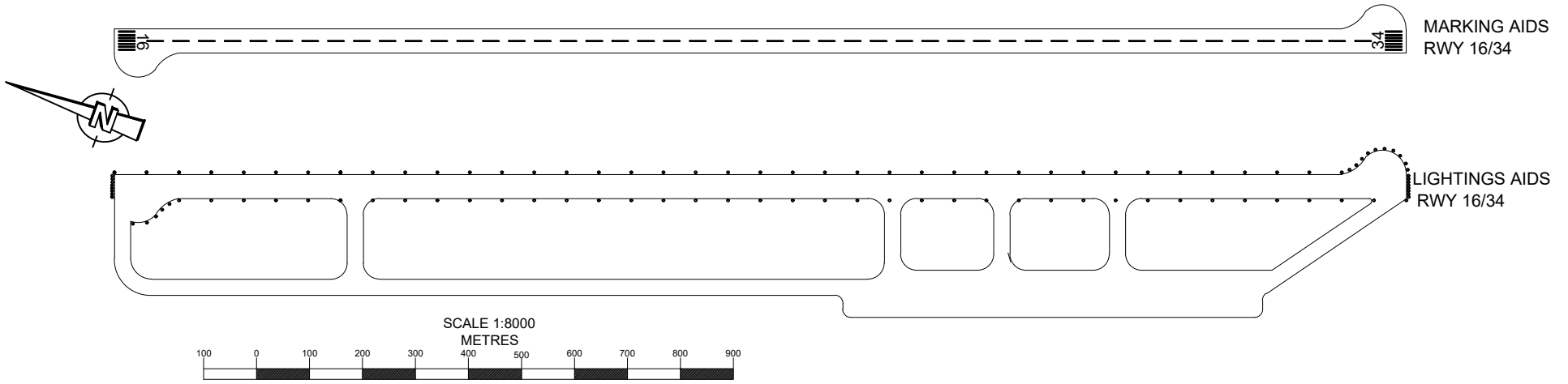
VGJR AD 2.24 CHARTS RELATED TO JASHORE AIRPORT

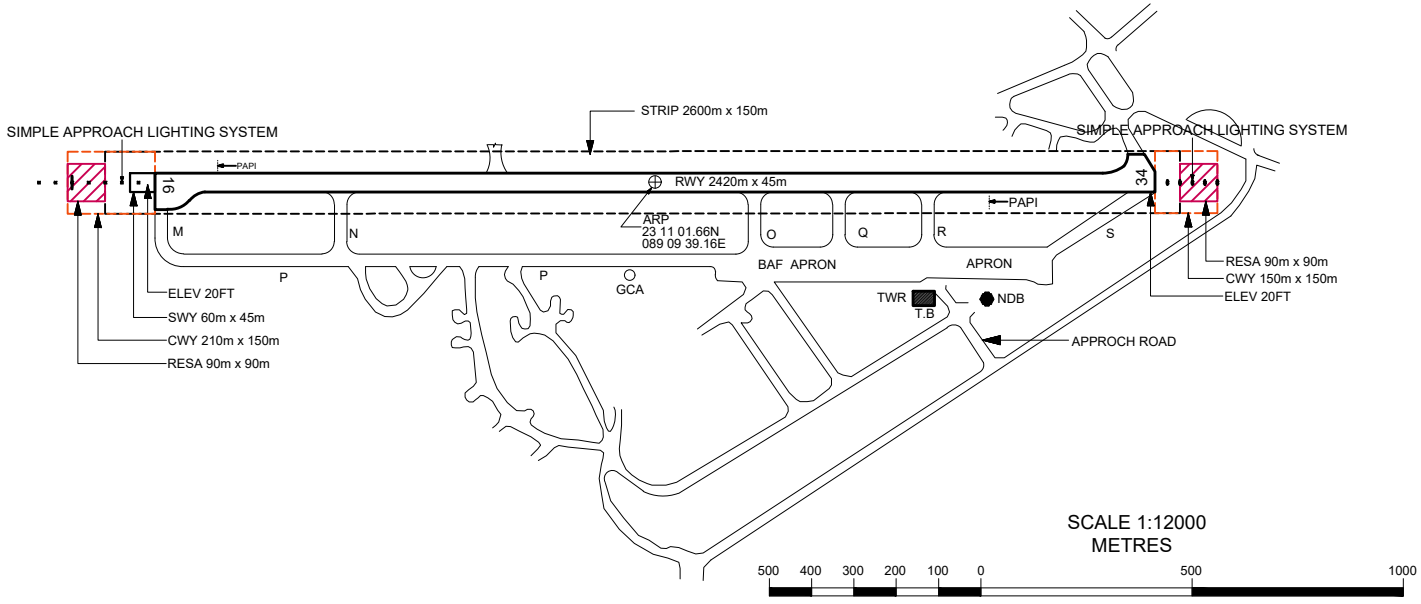
ICAO CHARTS		
Nr	TYPE OF CHART	PAGE NR (VGJR)
1.	AERODROME CHART	AD 2-7
2.	INSTRUMENT APPROACH CHART	AD 2-9 to AD 2-15

AERODROME CHART-ICAO
TYPE-A

JESSORE AIRPORT, JESSORE

MAGNETIC VARIATION 1°W





NEW SIMPLE APPROACH LIGHTING SYSTEM AT RWY 34 HAS BEEN ESTABLISHED

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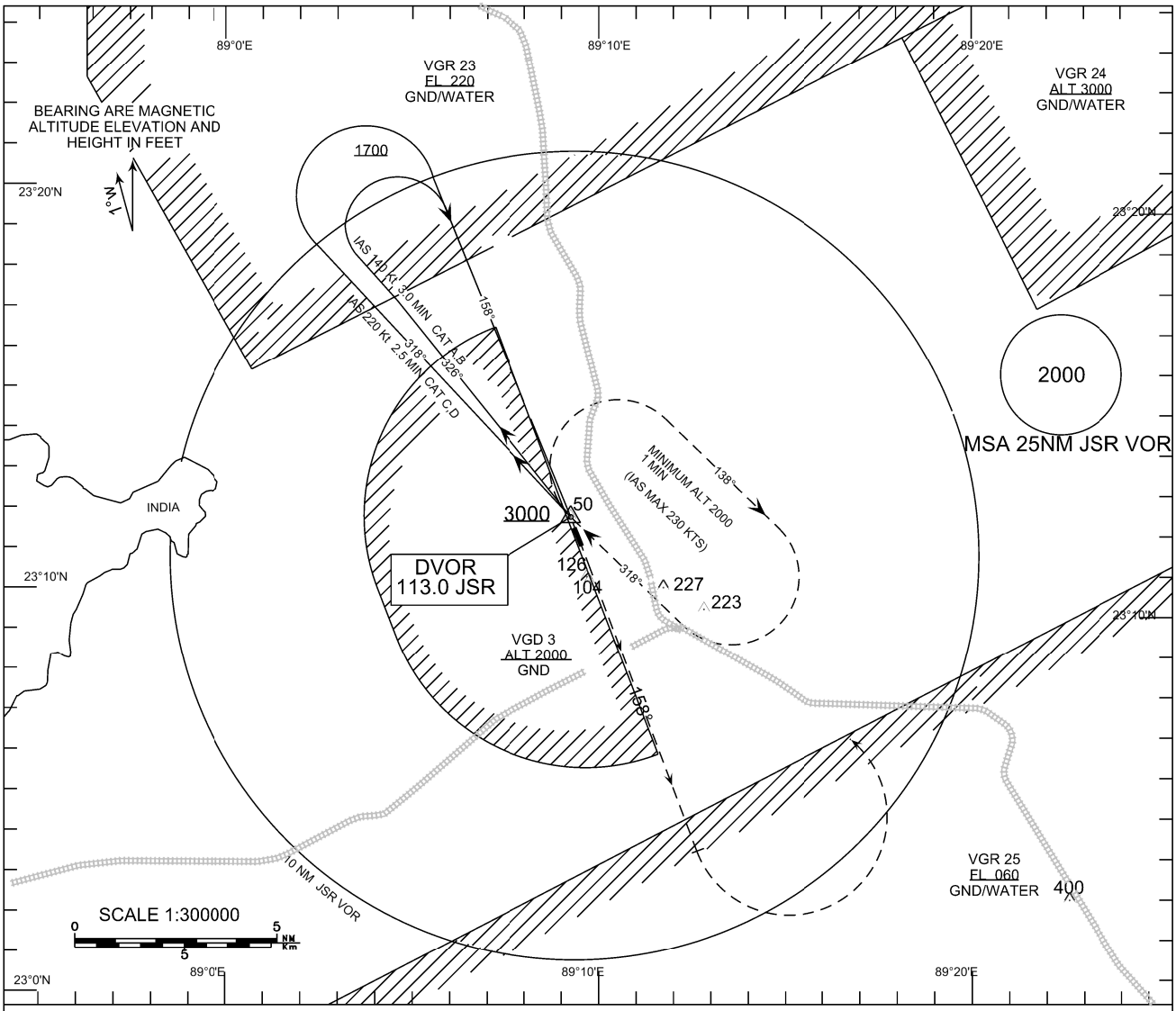
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 20 (ft)
OCH RELATED TO
THR RWY 16-ELEV 20(ft)

TWR:123.2 MHZ (PRI)
123.9 MHZ (SDBY)
SMC:121.8 MHZ

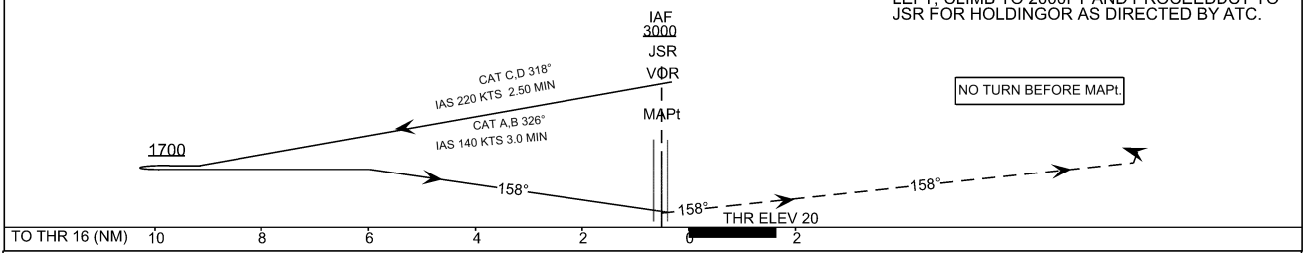
JASHORE, BANGLADESH
JASHORE AIRPORT
VOR X RWY16



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH:

CLIMB TO 1500FT ON TRACK 158° THEN TURN LEFT, CLIMB TO 2000FT AND PROCEEDDCT TO JSR FOR HOLDINGOR AS DIRECTED BY ATC.



NO TURN BEFORE MAPt.

CATEGORY OF ACFT	A	B	C	D
OCA(OCH)	350(330)			

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955

MINIMA	BALS	NALS
VISIBILITY (m)	1700	2000
RVR (m)	1300	1500

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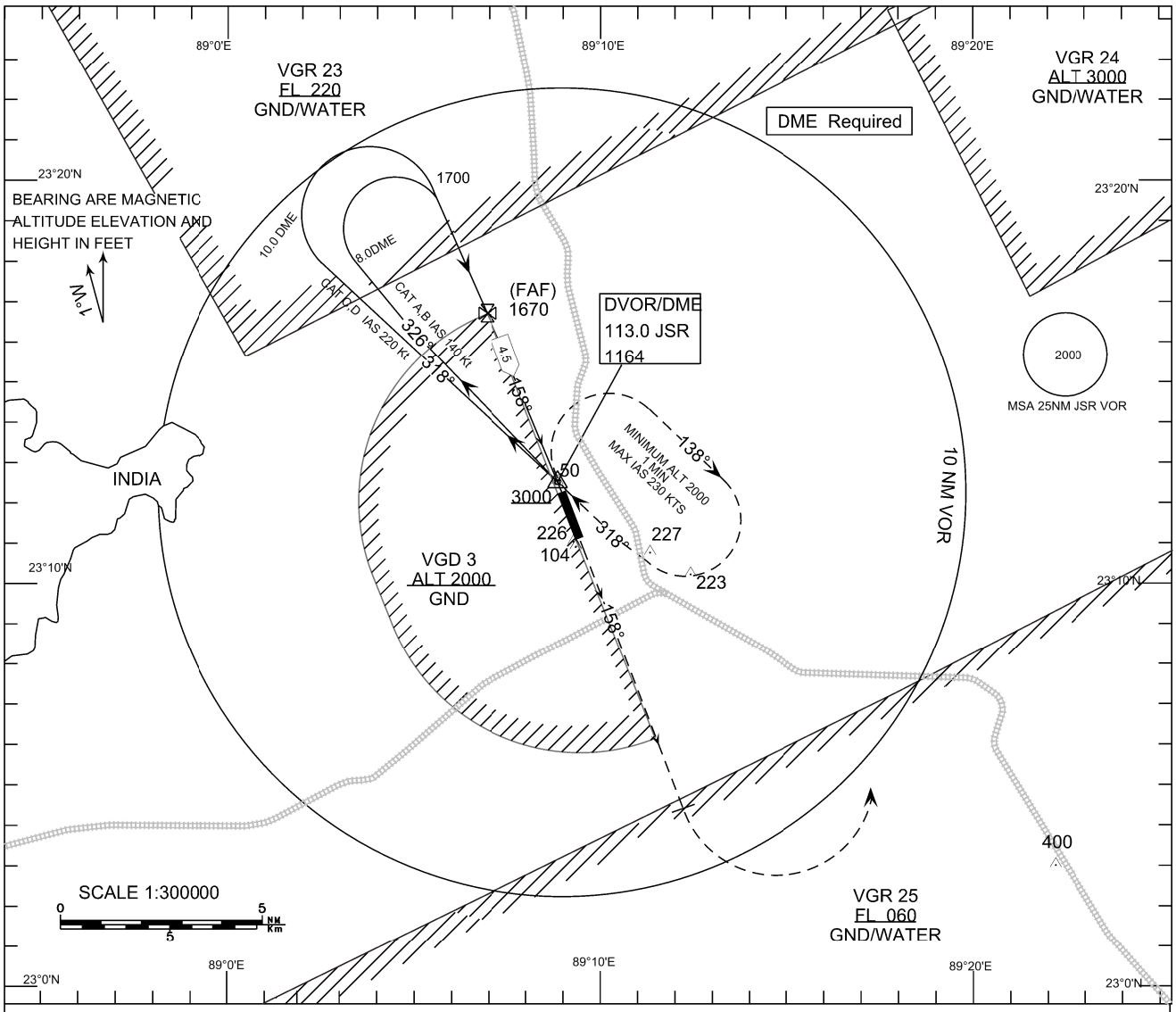
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 20 (ft)
OCH RELATED TO
THR RWY 16-ELEV 20(ft)

TWR:123.2 MHZ (PRI)
123.9 MHZ (SDBY)
SMC : 121.8 MHZ

JASHORE, BANGLADESH
JASHORE AIRPORT
VOR Y RWY 16

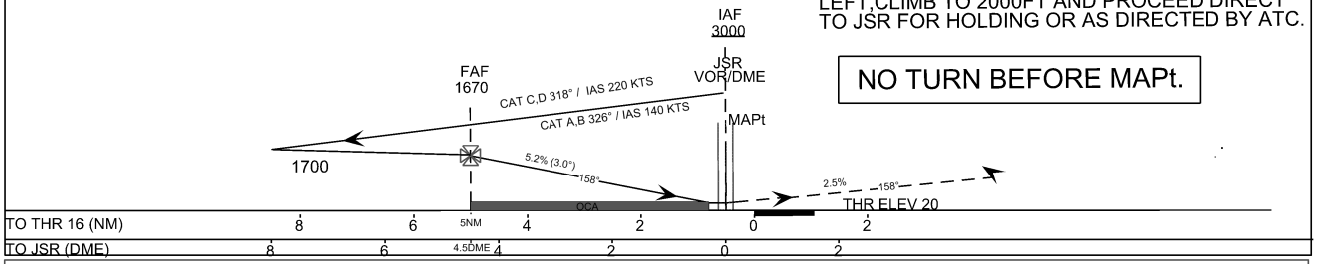


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH:

CLIMB TO 1500FT ON TRACK 158° THEN TURN LEFT,CLIMB TO 2000FT AND PROCEED DIRECT TO JSR FOR HOLDING OR AS DIRECTED BY ATC.

NO TURN BEFORE MAPt.



CATEGORY OF ACFT		A	B	C	D
OCA(OCH)		320(300)			
DISTANCE (FM JSR)	4.5 DME	3.5 DME	2.5 DME	1.5 DME	0.5 DME
ALTITUDE	1670	1350	1030	710	390
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR16	MIN:S	03:36	02:42	02:09	01:48

MINIMA	BALS	NALS
VISIBILITY	1500	1800
RVR	1200	1400

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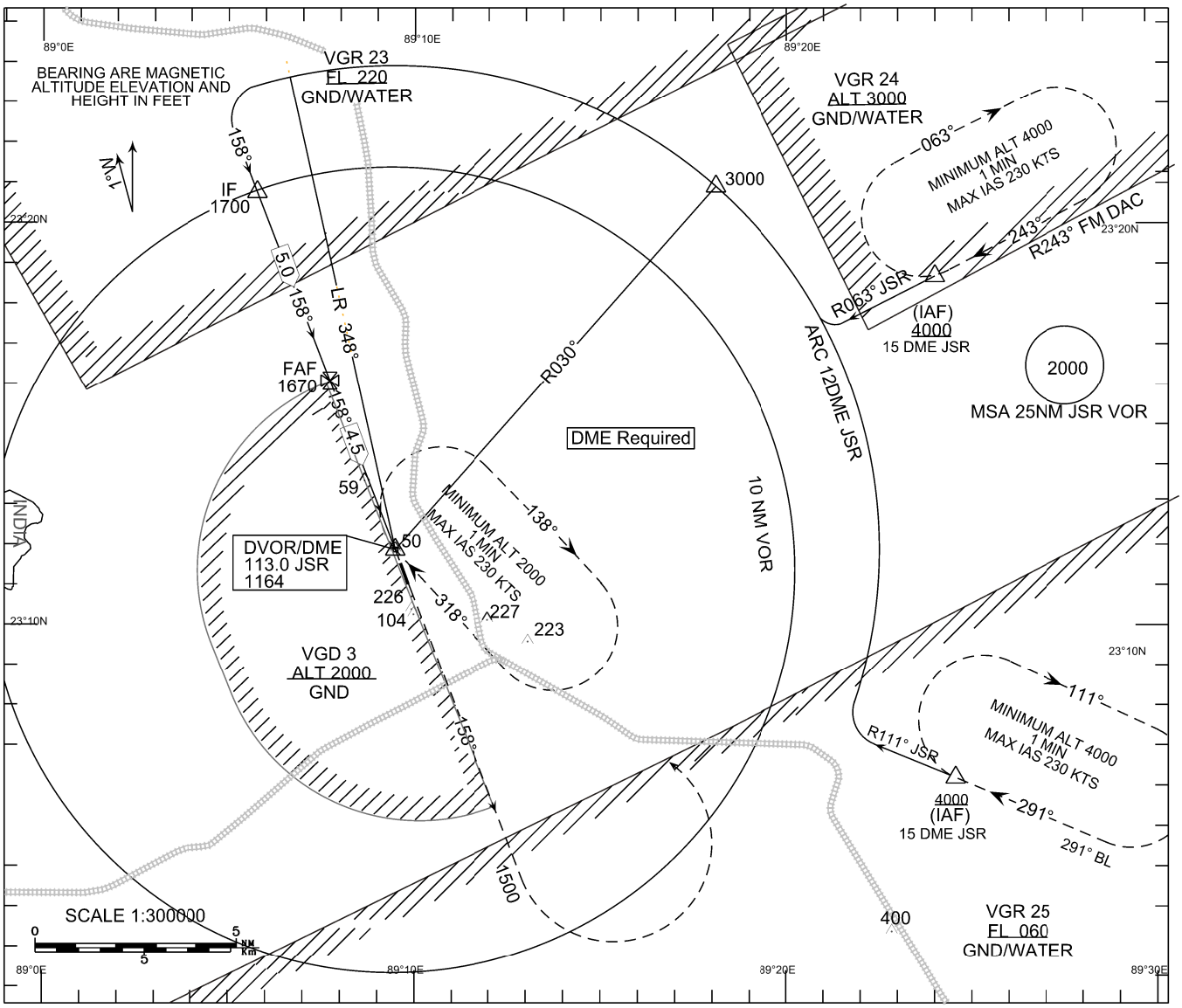
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 20 (ft)
OCH RELATED TO
THR RWY 16-ELEV 20(ft)

TWR: 123.2 MHZ (PRI)
123.9 MHZ (SDBY)
SMC: 121.8 MHZ

JASHORE, BANGLADESH
JASHORE AIRPORT
VOR Z RWY 16

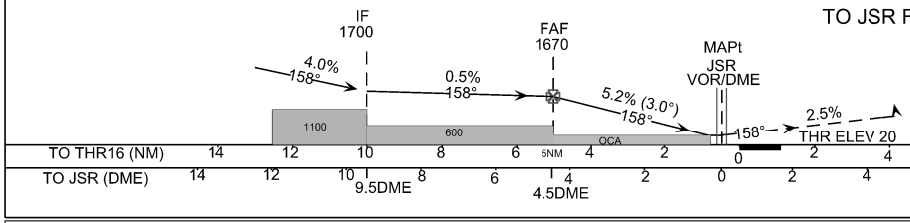


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH:

CLIMB TO 1500FT ON TRACK 158° THEN TURN LEFT, CLIMB TO 2000FT AND PROCEED DIRECT TO JSR FOR HOLDING OR AS DIRECTED BY ATC.

NO TURN BEFORE MAPt.



CATEGORY OF ACFT		A	B	C	D
OCA(OCH)		320(300)			
DISTANCE (FM JSR)	4.5 DME	3.5 DME	2.5 DME	1.5 DME	0.5 DME
ALTITUDE	1670	1350	1030	710	390
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR16	MIN:S	03:36	02:42	02:09	01:48

MINIMA	BALS	NALS
VISIBILITY	1500	1800
RVR	1200	1400

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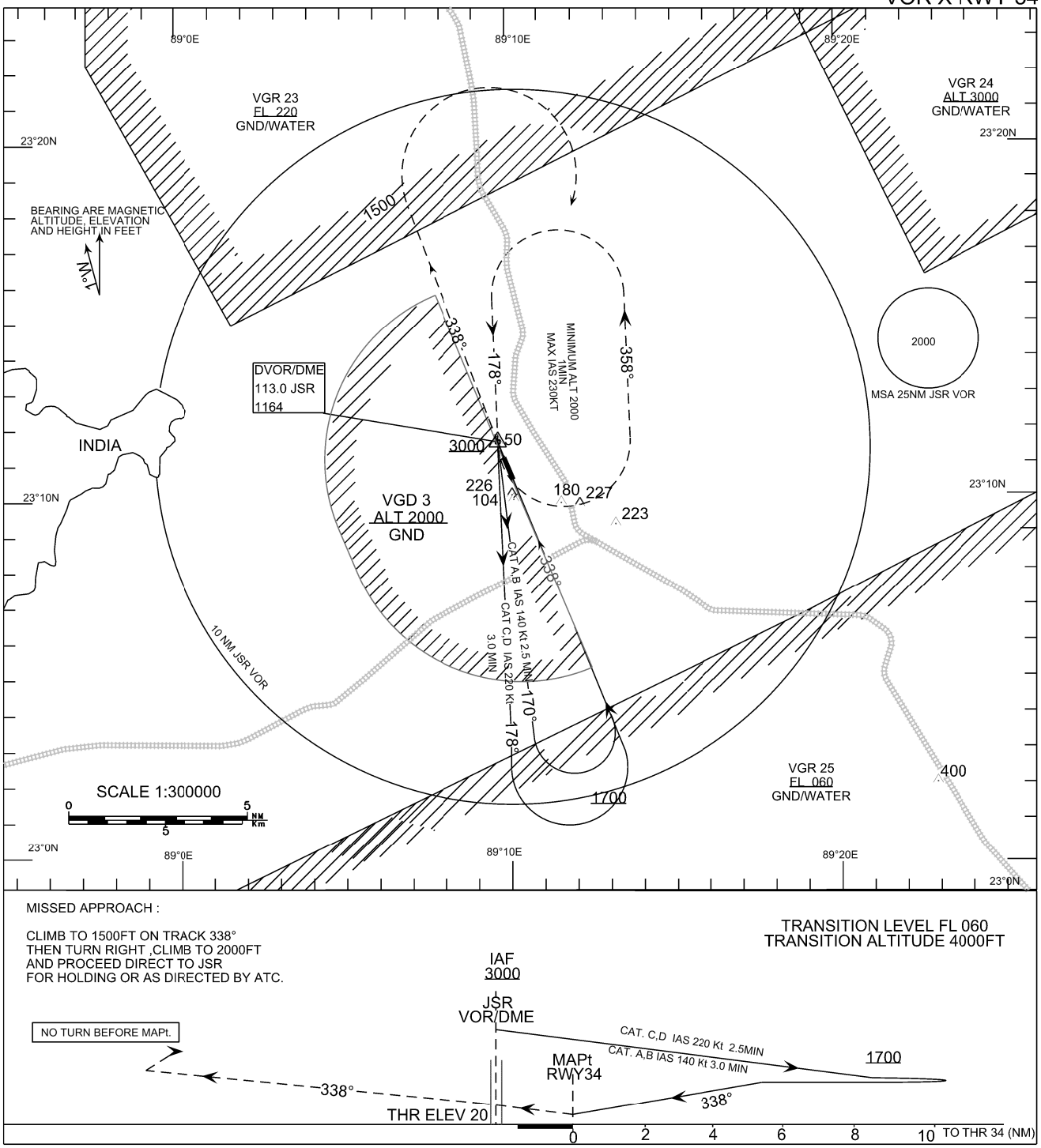
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 20FT
OCH RELATED TO
THR RWY 34-ELEV 20FT

TWR: 123.2MHz (PRI)
123.9MHz (SDBY)
SMC: 121.8MHz

JASHORE, BANGLADESH
JASHORE AIRPORT
VOR X RWY 34



MISSED APPROACH :

CLIMB TO 1500FT ON TRACK 338°
THEN TURN RIGHT ,CLIMB TO 2000FT
AND PROCEED DIRECT TO JSR
FOR HOLDING OR AS DIRECTED BY ATC.

TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

CATEGORY OF ACFT	A	B	C	D
OCA(OCH)	410(390)			

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955

MET MINIMA	NALS
VISIBILITY	2300
RVR	1900

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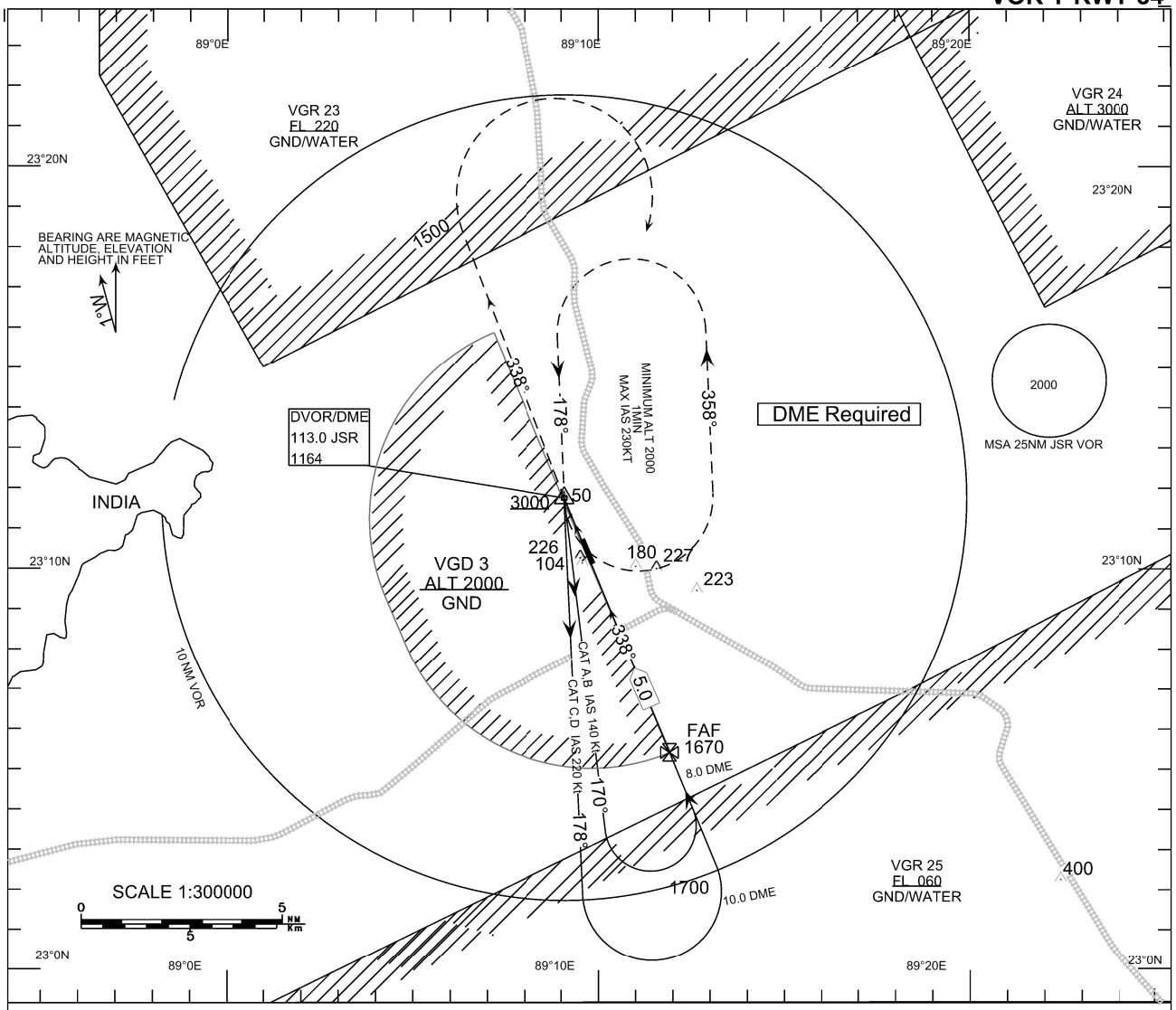
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 20 (ft)
OCH RELATED TO
THR RWY 34-ELEV 20(ft)

TWR: 123.2 MHZ (PRI)
123.9MHZ (SDBY)
SMC: 121.8MHZ

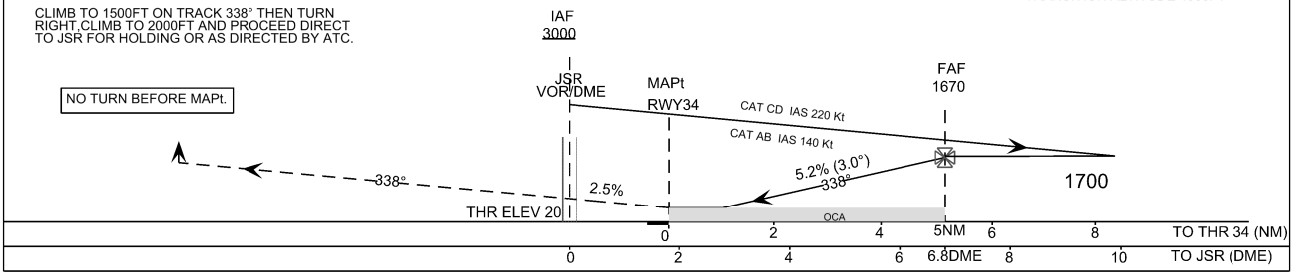
JASHORE, BANGLADESH
JASHORE AIRPORT
VOR Y RWY 34



MISSED APPROACH:

CLIMB TO 1500FT ON TRACK 338° THEN TURN RIGHT,CLIMB TO 2000FT AND PROCEED DIRECT TO JSR FOR HOLDING OR AS DIRECTED BY ATC.

TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT



CATEGORY OF ACFT		A	B	C	D
OCA(OCH)		380(360)			
DISTANCE (FM JSR)	6.8 DME	5.8 DME	4.8 DME	3.8 DME	2.8 DME
ALTITUDE	1670	1350	1030	710	390
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR 34	MIN:S	03:36	02:42	02:09	01:48

MET MINIMA	NALS
VISIBILITY	2100
RVR	1700

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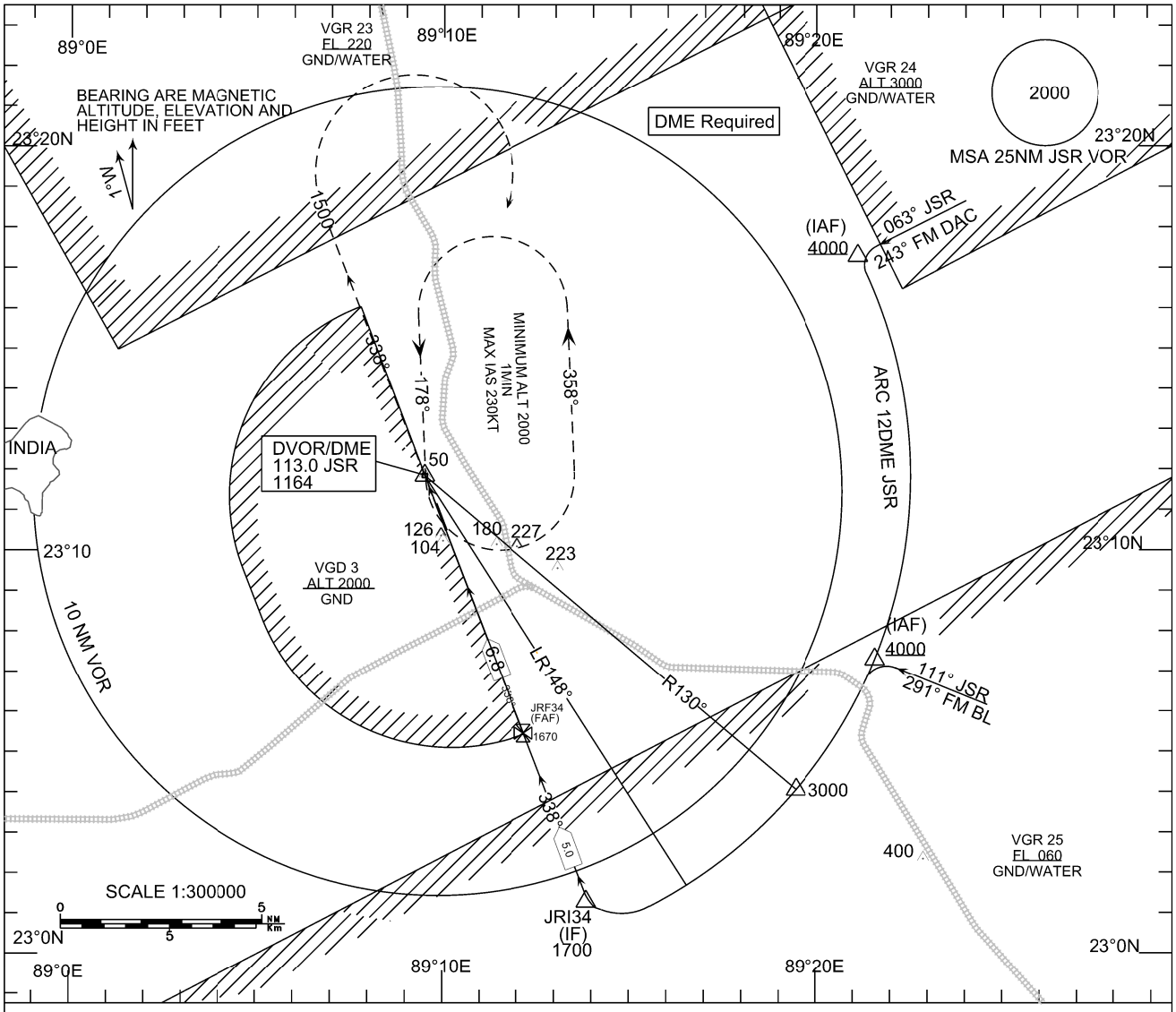
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 20 (ft)
OCH RELATED TO
THR RWY 34-ELEV 20(ft)

TWR : 123.2 MHZ (PRI)
123.9 MHZ (SDBY)
SMC : 121.8 MHZ

JASHORE, BANGLADESH
JASHORE AIRPORT
VOR Z RWY34

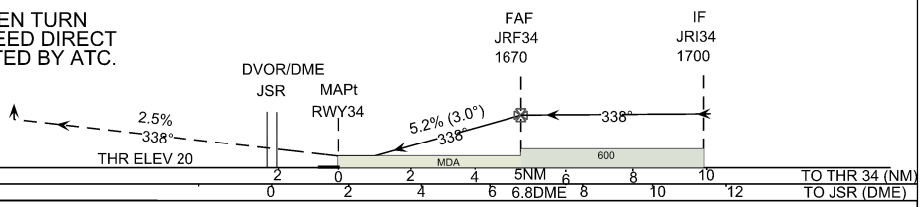


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

NO TURN BEFORE MAPt.

MISSED APPROACH:

CLIMB TO 1500FT ON TRACK 338° THEN TURN RIGHT,CLIMB TO 2000FT AND PROCEED DIRECT TO JSR FOR HOLDING OR AS DIRECTED BY ATC.



CATEGORY OF ACFT		A	B	C	D
OCA(OCH)		380(360)			
DISTANCE (FM JSR)	6.8 DME	5.8 DME	4.8 DME	3.8 DME	2.8 DME
ALTITUDE	1670	1350	1030	710	390
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR 34	MIN:S	03:36	02:42	02:09	01:48

MINIMA	NALS
VISIBILITY (m)	2100
RVR (m)	1700

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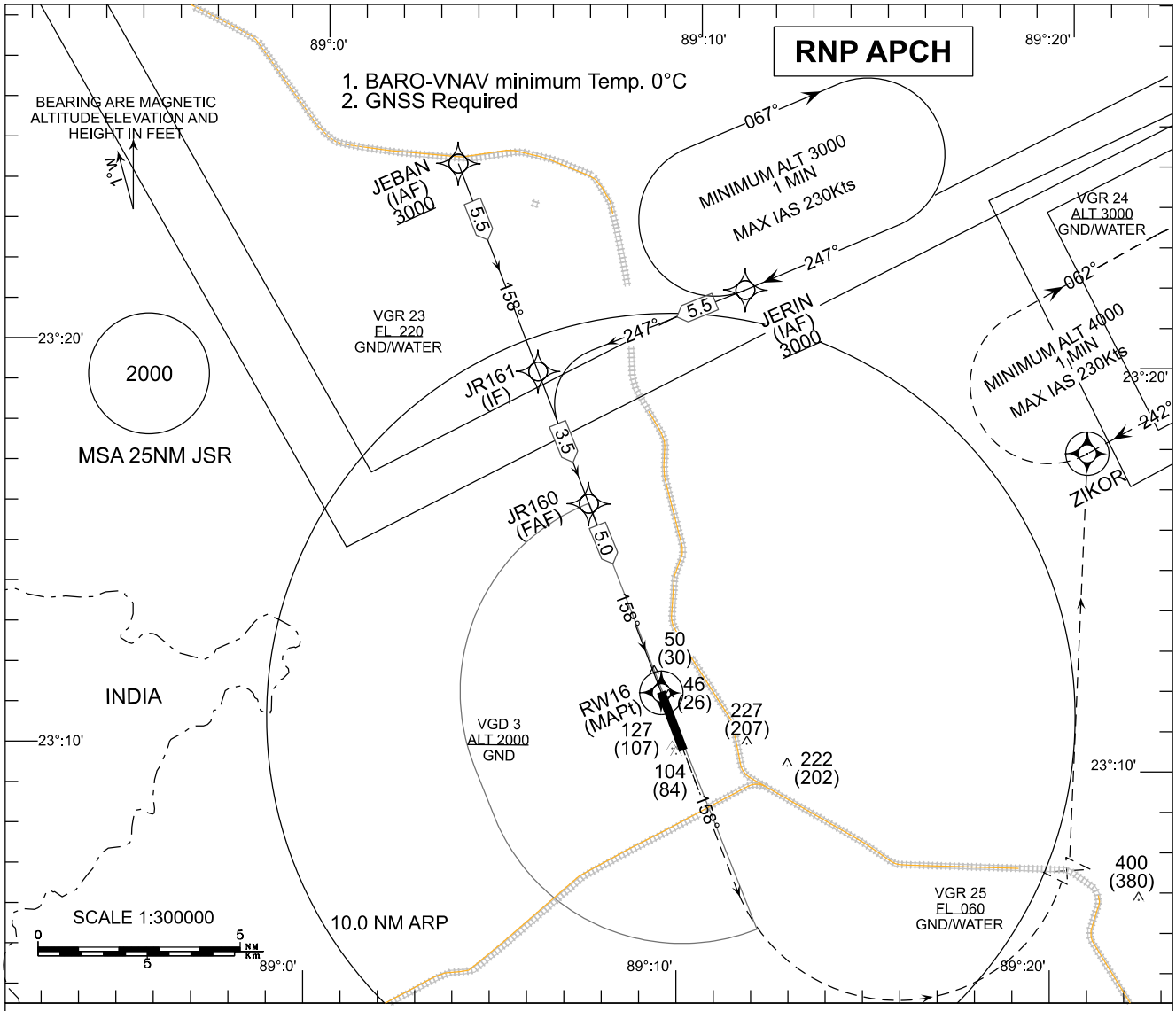
INSTRUMENT
APPROACH
CHART - ICAO

AD ELEV 20 (ft)
OCH RELATED TO
THR RWY 16-ELEV 20(ft)

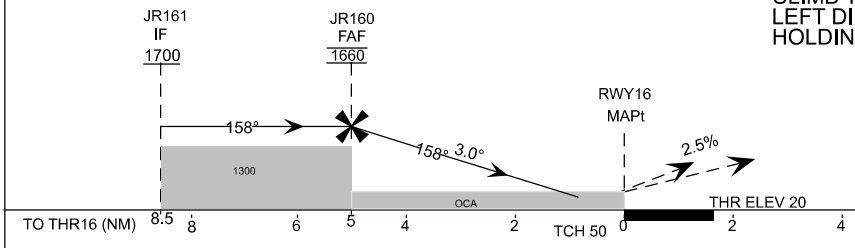
TWR:123.2 MHZ (PRI)
123.9 MHZ (SRY)
SMC:121.8 MHZ

JASHORE, BANGLADESH
JASHORE AIRPORT
RNP RWY16

RNP APCH



TRANSITION ALTITUDE 4000FT



MISSED APPROACH:

CLIMB TO 1200FT ON TRACK 158° THEN TURN LEFT DIRECT TO ZIKOR TO JOIN HOLDING AT 4000FT OR AS DIRECTED BY ATC.

NO TURN BEFORE MAPt.

OCA(OCH)		A	B	C	D
OCA(OCH)	LNAV/VNAV	310 (290)			
	LNAV (CDFA)	320 (300)			
DISTANCE	5 NM to RW16	4 NM to RW16	3 NM to RW16	2 NM to RW16	1 NM to RW16
ALTITUDE	1670	1350	1030	710	390
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR11	MIN:S	03:20	02:30	02:00	01:40

Type of Approach	LGHT SYSTEM	VISIBILITY (m)	RVR (m)
LNAV/VNAV	BALS	1450	1200
	NALS	1700	1400
LNAV (CDFA)	BALS	1500	1200
	NALS	1800	1400

CHANGE : FAF ALT (in Profile view), TCH, TL (deleted)

CODING TABLE

TABULAR DESCRIPTION

SL NO	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	JEBAN	-	-	-	-	+3000	-230 kt	-	RNP APCH
20	TF	JR161	-	158° (157.50°)	-	5.5	+1700	-200 kt	-	RNP APCH
10	IF	JERIN	-	-	-	-	+3000	-230 kt	-	RNP APCH
20	TF	JR161	-	247.49° (247°)	-	5.5	+1700	-200 kt	-	RNP APCH
10	IF	JR161	-	-	-	-	+1700	-200 kt		RNP APCH
20	TF	JR160	-	158° (157.50°)	-	3.5	@1660	-	-	RNP APCH
30	TF	RW16 (MAPt)	Y	-	-	5.0	@70	-	-3.0/50	RNP APCH
10	CA	-	-	158° (157.50°)	-	-	+1200	-	-	RNP APCH
20	DF	ZIKOR	Y	-	L	-	-	-230 kt	-	RNP APCH
30	HM	ZIKOR	Y	242° (241.50°)	R	-	@4000	-230 kt	-	RNP APCH

WAYPOINT LIST

RNP RWY16 (LNAV/VNAV only)	
WAYPOINT IDENTIFIER	**COORDINATES**
JEBAN	N 23° 24' 36.68" E 089° 03' 33.36"
JERIN	N 23° 21' 40.12" E 089° 11' 20.90"
JR161	N 23° 19' 30.85" E 089° 05' 50.77"
JR160	N 23° 16' 16.21" E 089° 07' 18.13"
RW16 (MAPt)	N 23° 11' 37.94" E 089° 09' 22.92"
ZIKOR	N 23° 17' 49.88" E 089° 20' 38.15"

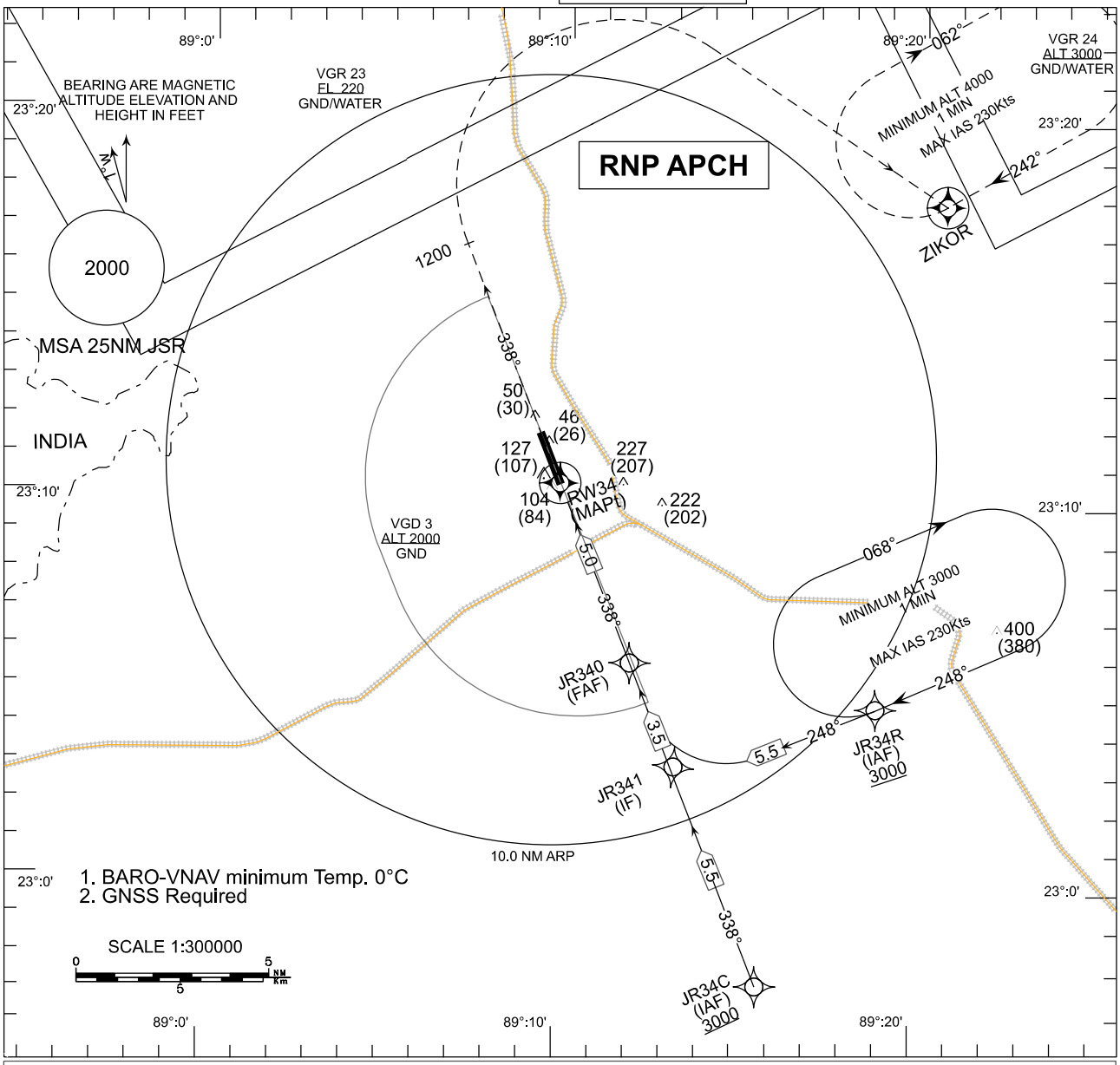
CHANGE : RW16 (MAPt) in Waypoint list

INSTRUMENT
APPROACH
CHART - ICAO

AD ELEV 20 (ft)
OCH RELATED TO
THR RWY 34-ELEV 20(ft)

TWR:123.2 MHZ (PRI)
123.9 MHZ (SRY)
SMC:121.8 MHZ

JASHORE, BANGLADESH
JASHORE AIRPORT
RNP RWY34

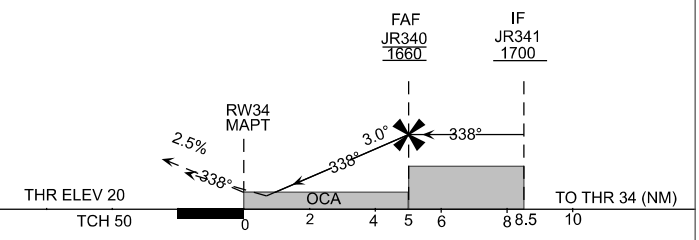


MISSED APPROACH:

CLIMB TO 1200FT ON TRACK 338° THEN TURN
RIGHT DIRECT TO ZIKOR TO JOIN
HOLDING AT 4000FT OR AS DIRECTED BY ATC.

NO TURN BEFORE MAPt.

TRANSITION ALTITUDE 4000FT



OCA(OCH)		A	B	C	D
OCA(OCH)	LNAV/VNAV	310 (290)			
	LNAV (CDFA)	370 (350)			
DISTANCE	5 NM to RW34	4 NM to RW34	3 NM to RW34	2 NM to RW34	1 NM to RW34
ALTITUDE	1670	1350	1030	710	390
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR11	MIN:S	03:20	02:30	02:00	01:40

Type of Approach	LGHT SYSTEM	VISIBILITY	RVR
LNAV/VNAV	NALS	1700	1400
LNAV (CDFA)	NALS	2050	1600

CHANGE : FAF ALT (in Profile view),
TCH & TL (Deleted)

CODING TABLE

TABULAR DESCRIPTION

SL NO	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	JR34C	-	-	-	-	+3000	-230 kt	-	RNP APCH
20	TF	JR341	-	338° (337.50°)	-	5.5	+1700	-200 kt	-	RNP APCH
10	IF	JR34R	-	-	-	-	+3000	-230 kt	-	RNP APCH
20	TF	JR341	-	248° (247.52°)	-	5.5	+1700	-200 kt	-	RNP APCH
10	IF	JR341	-	-	-	-	+1700	-200 kt		RNP APCH
20	TF	JR340	-	338° (337.50°)	-	3.5	@1660	-	-	RNP APCH
30	TF	RW34 (MAPt)	Y	-	-	5.0	@70	-	-3.0/50	RNP APCH
10	CA	-	-	338° (337.50°)	-	-	+1200	-	-	RNP APCH
20	DF	ZIKOR	Y	-	R	-	-	-230 kt	-	RNP APCH
30	HM	ZIKOR	Y	242° (241.50°)	R	-	@4000	-230 kt	-	RNP APCH

WAYPOINT LIST

RNP RWY34 (LNAV/VNAV only)	
WAYPOINT IDENTIFIER	**COORDINATES**
JR34C (IAF)	N 22° 57' 26.73" E 89° 15' 43.82"
JR34R (IAF)	N 23° 04' 41.94" E 89° 18' 56.42"
JR341 (IF)	N 23° 02' 32.66" E 89° 13' 26.98"
JR340 (FAF)	N 23° 05' 47.34" E 89° 11' 59.85"
RW34 (MAPt)	N 23° 10' 25.65" E 89° 09' 55.32"
ZIKOR	N 23° 17' 49.88" E 089° 20' 38.15"

CHANGE : RW34 (MAPt) in Waypoint list

VGRJ AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGRJ –SHAH MOKHDUM AIRPORT, RAJSHAHI

VGRJ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP co-ordinates an site at AD	242614.47N 0883659.52E
2	Distance and direction from city	07 km North of Town
3	AD elevation / reference temperature	55ft/40^{0}C
4	MAG VAR	0.34^0 W (2020) Annual change 1' W
5	AD administration, address, telephone	Civil Aviation Authority of Bangladesh Postal address: Airport Manager Shah Mokhdum Airport, Rajshahi. Bangladesh Telephone: APM: +880-2-47800053 TWR: +800-2-47800157
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	Nil

VGRJ AD 2.3 OPERATIONAL HOURS

SL. Nr.	Services	Hours
1.	Aerodrome Administration	0900 LT to 1700 LT, FRI closed.
2.	Custom and Immigration	HO
3.	Health and Sanitation	HO
4	AIS briefing Office	NIL
5	ATS reporting Office (ARO)	HO
6	MET briefing Office	HO
7	Air Traffic Service	HO
8	Fuelling	NIL
9	Handing	NIL
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGRJ AD 2.4 HANDLING SERVICES AND FACILITIES

Manual cargo handling services

VGRJ AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil
2	Restaurant	Nil at airport avbl within 1 km
3	Transportation available	Buses, Rickshaws and Taxies.
4	Medical facilities	Only first aids avbl.
5	Banks an post Offices	Nil at airport avbl at town
6	Tourist office	Nil at airport avbl at town
7	Remarks	Nil

VGRJ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for Fire Fighting	CAT: 5
2	Rescue Equipment	AVBL
3	Disabled Aircraft Removal	Nil
4	Remarks	Nil

VGRJ AD 2.7 SEASONAL AVAILABILITY CLEARING

2.7.1 The airport is available for all seasons. Side strips become unusable during monsoon. There is no requirement for clearing.

VGRJ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA.

1	Apron surface and strength	Surface: Bituminous Concrete Strength: PCN 12/R/C/Y/T
2	Taxiway width, Surface and Strength	
3	ACL location and elevation	Not designated
4	Remarks.	NIL

VGRJ AD 2.9 SURFACE MOVEMENT GUIDENCE AND CONTROL SYSTEM AND MARKINGS

1	Stand identification/taxiway guide lines/visual docking/parking guidance	Guidance at apron: Nose- in guidance at aircraft stands.
2	RWY and TWY markings and LGT	RWY marking aids: THR, Centre line, RWY designator-all runways.
3	Stop bars	NIL
4	Remarks	NIL

VGRJ AD 2.10 AERODROME OBSTACLES

List of high mast/ tower/hill/chimney/ building/ barrier/ antenna around Shah Mokhdum Airport, Rajshahi

SL Nr.	Name of the significant obstacles/obstructions	Co-ordinates of the Obstacle	True Bearing FM REF point	Dist (m) FM ref Point	Elevation AMSL (ft)	LGT
1.	D/VOR	242620.4N 0883654.8E	286°	109	79.81	YES
2.	Control Tower	242641.30N 0883650.07E	341°	716	111.44	
3.	Flood Light Mast, Shah Makhdum Airport	242641.27N 0883648.46E	337°	731	134.57	
4.	Baghata Mobile Tower, Nawhata	242651.16N 0883644.40E	338°	1056	129.06	
5.	GP Mobile Tower, Duari, Nawhata	242708.43N 0883605.17E	315°	2131	186.43	
6.	Banglalink Mobile Tower, Duari, Nawhata	242658.88N 0883557.96E	306°	2096	191.65	
7.	Bayabazar Mobile Tower, Nawhata	242542.08N 0883631.07E	214°	1385	155.62	
8.	Bhogroil Mobile Tower, Nawhata,	242507.82N 0883636.16E	196°	2290	217.22	
9.	BTCL Tower, Natore	242446.69N 0885953.24E	094°	38830	403.06	
10.	BTV Tower, Natore	242525.12N 0890004.18E	092°	39068	534.08	
11.	Radio Tower, Binodpur, Boalia	242154.38N 0883823.95E	192°	7320	456.05	
12.	Nagar Bhaban Tower, Boalia	242226.77N 0883604.17E	192°	7319	264.05	
13.	Wireless Tower, Rajshahi Police Line, Rajpara	242148.72N 0883405.46E	210°	9651	319.82	
14.	Sachha Tower, ShekherChak, Ghoramara, Boalia	242145.33N 0883619.14E	187°	8506	250.90	
15.	GP Tower, Railway Station, Boalia	242233.15N 0883619.30E	192°	7320	227.61	
16.	Paba Model Police Station, Nawhata	242729.44N 0883645.13E	350°	2189	125.92	
17.	Mobile Tower, Nawhata	242542.07N 0883631.07E	214°	1385	188.27	
18.	Hotel Star, BoroBangram, Sopura, Boalia	242425.91N 0883651.30E	183°	3497	188.28	

VGRJ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	Rajshahi Airport VGRJ
2	Hours of service	HO
3	Office responsible for TAF preparation Periods of validity (hours)	Hazrat Shahjalal Int'l Airport (VGHS) 6
4	Type of landing forecast Interval of issuance	--
5	Briefing/consultation provided	Provided at VGHS
6	Flight documentation Languages used	C, PL English
7	Charts and other information available for briefing or consultation	--
8	Supplementary equipment available for providing information	--
9	ATS units provided with information	TWR
10	Additional information	Tel: NIL

VGRJ AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Design-ator RWY NR	TRUE & MAG BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR elevation (FT)	Slope of RWY-SWY
1	2	3	4	5	6	7
17	170.58^0	1829X30	PCN 17/R/C/Y/T Bituminous concrete	242643.78N 0883653.91E	55	0%
35	350.58^0	1829X30		242545.16N 0883705.13E	55	0%

Designator RWY NR	SWY dimensions m)	CWY dimensions (m)	Strip dimensions(m)	RESA	OFZ	Remarks
	8	9	10	11	12	13
17	---	150X150	1981X150	90x60	Within the CWY	Nil
35	60X30	210X150	1981X150	90x60	Within the CWY	Nil

VGRJ AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	RESA(m)	REMARKS
1	2	3	4	5	6	7
17	1829	1979	1829	1829	90	-
35	1829	2039	1889	1829	90	

VGRJ AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY designator	APCH	THR	PAPI	TDZ	RWY centre	RWY edge	END & WBAR	SWY	Remarks
1	2	3	4	5	6	7	8	9	10
17	Nil	Six green LGT	PAPI AVBL	Nil	NIL	56 Nr 60 M apart white omni directional with fixed intensity	END: Avbl 6 Red LGT Unidirectional WBAR: Nil	NIL	Kerosene flares avbl
35	NIL	Six green LGT	PAPI AVBL	Nil	NIL	56 Nr 60 M apart white omni directional with fixed intensity		NIL	

VGRJ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN Location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	Nil Atop control TWR,
3	TWY edge and center line lighting	Edge: AVBL Centre line: Nil
4	Secondary power supply switch-over time	During main power supply failure, Automatic standby generator power supply available within 15 seconds
5	Remarks	Kerosene flares avbl

VGRJ AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGRJ AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	Aerodrome Traffic Zone (ATZ)
	Lateral limits	ATZ is an oval shaped area joining outer tangents of 5 NM (9 km) radius of circle, centered at the Runway center and both ends of the Runway.
2	Vertical limits	4000 ft (ALT)
3	Airspace	D
4	Unit Language	Rajshahi Tower English
5	Transition Altitude	6000 ft
6	Hours OF applicability (or activation)	HO
6	Remarks	NIL

VGRJ AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designation	Call Sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Aerodrome Control Service	Rajshahi Tower	128.300 MHz EM: A3	HO	Nil

VGRJ AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Types of aid variation	Ident	Frequency	Hours of operation	Position of transmitting antenna Coordinates	Elevation of DME Transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	RAJ	114.600 MHz	H24	242620.4N 0883654.8E		EM: A2
DME	RAJ	1180 MHz	H24	242620.4N 0883654.8E		Co-located with VOR

VGRJ AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGRJ AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGRJ AD 2.22 FLIGHT PROCEDURES

NIL

VGRJ AD 2.23 ADDITIONAL INFORMATION

NIL

VGRJ AD 2.24 CHARTS RELATED TO RAJSHAHI AIRPORT

ICAO CHARTS		
NR	TYPE OF CHART	PAGE NR. (VGRJ)
1	AERODROME CHART	AD 2-7
2	INSTRUMENT APPROACH CHART	AD 2-9 TO AD 2-15

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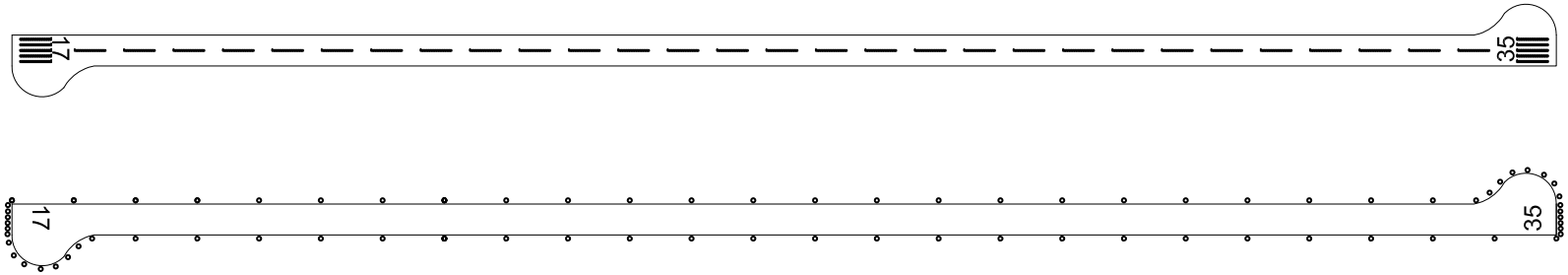
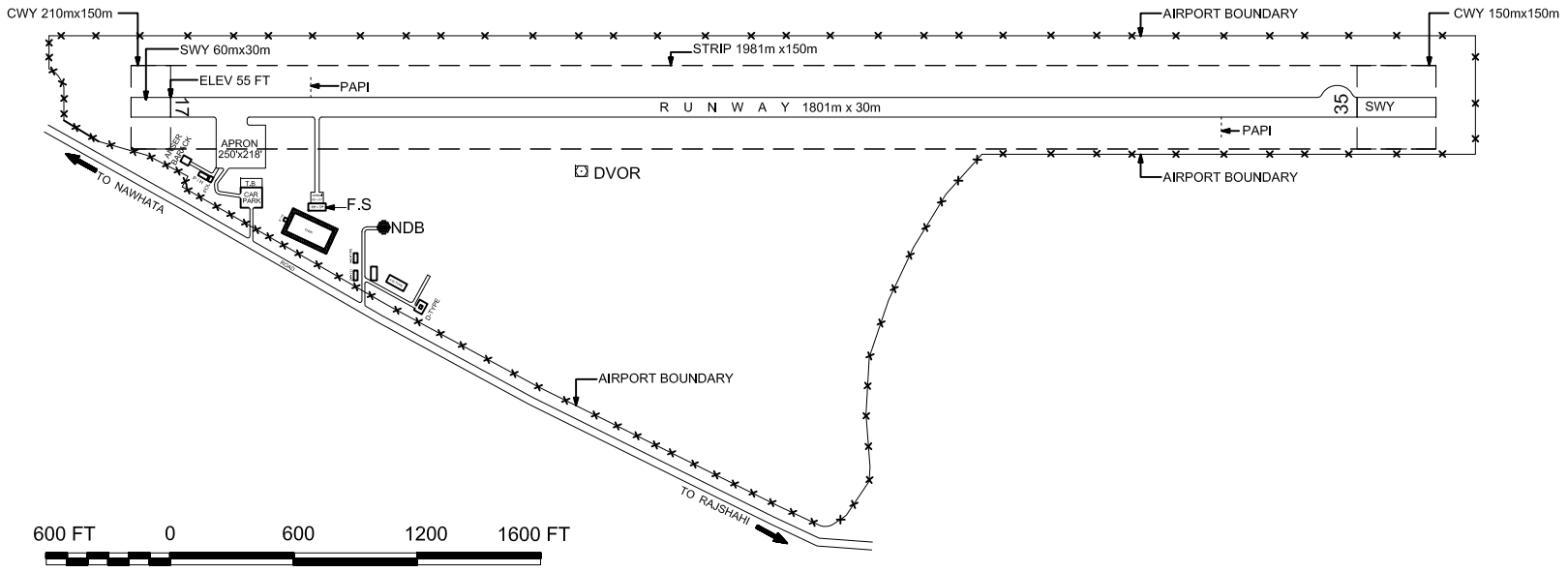
AERODROME CHART-ICAO
TYPE-A

SHAH MOKHDUM AIRPORT, RAJSHAHI

MAGNETIC VARIATION 1°W





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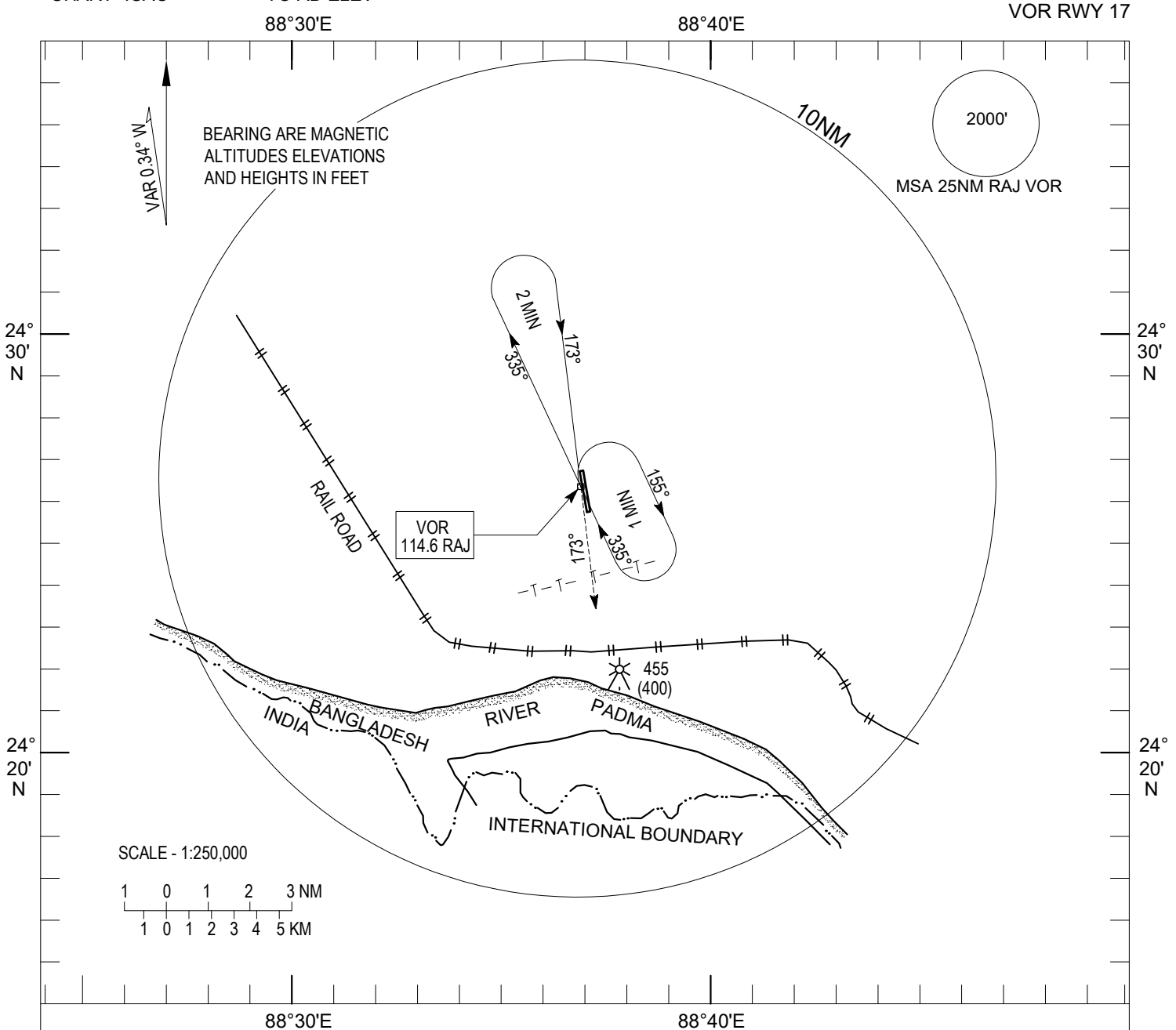
INSTRUMENT APPROACH CHART- ICAO

ELEV 55FT
HEIHGTS RELATED TO AD ELEV

TWR 128.3

RAJSHAHI, BANGLADESH
SHAH MOKHDUM
VOR RWY 17

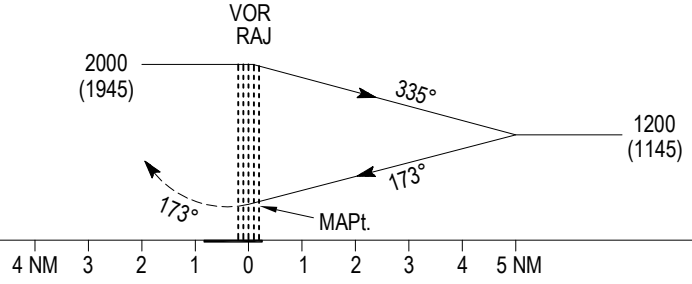


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

PROCEDUERS BASED ON TAS 150 KT (STILL AIR)

MISSED APPROACH
CLIMB TO 2000FT / 610M ON
TURNING LEFT AND CONTACT
RAJSHAHI TOWER

ELEV 55FT



NDB HAS BEEN REMOVED

CATEGORY OF ACFT	A	B	C	D
OCA	450			
	2000		2800	

NOTE : INTERNATIONAL BOUNDARY APPROXIMATELY 7 NM SOUTH OF THE AIRFIELD AIRCRAFT TO REMAIN WITHIN BANGLADESH TERRITORY

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Change: NDB chart is deleted

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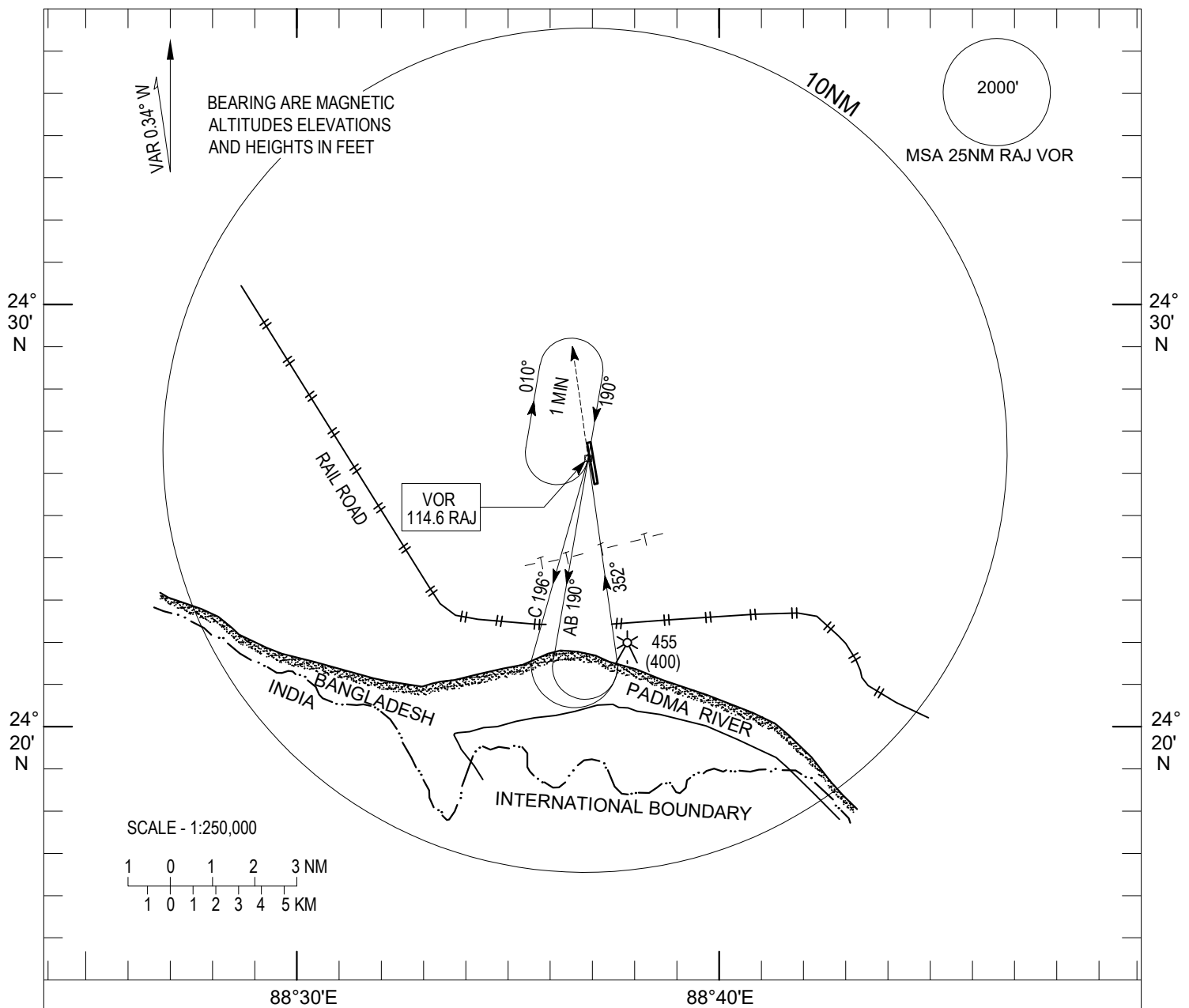
INSTRUMENT APPROACH CHART- ICAO

ELEV 55FT
HEIHGTS RELATED TO AD ELEV

TWR 128.3

RAJSHAHI, BANGLADESH
SHAH MOKHDUM
VOR RWY 35

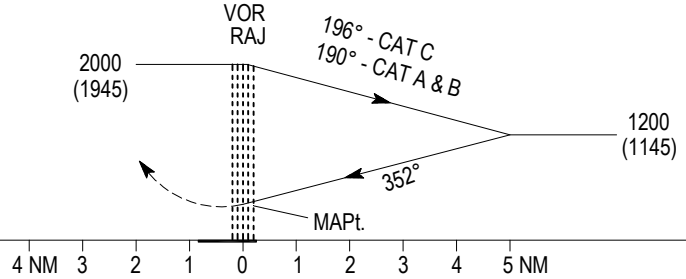


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

PROCEDUERS BASED ON TAS 150 KT (STILL AIR)

MISSED APPROACH
CLIMB TO 2000FT / 610M ON TRACK 352° AND CONTACT FOR RAJSHAHI TOWER

ELEV 55FT



START TURN AT
CAT A & B : 2 MIN
CAT C : 1.5 MIN

NDB HAS BEEN REMOVED

CATEGORY OF ACFT		A	B	C	D
OCA		550			
MET MINIMA	VIS (m)	2000		2800	

CAUTION FOR :
1. INTL. BOUNDARY APPX. 7 NM SOUTH OF THE AIRFIELD A/C TO REMAIN WITHIN BANGLADESH TERRITORY
2. A RADIO MAST PSN 24 21 54.43 N 088 38 23.88 E HIGHT 400 FT
3. POWER LINE MAST HEIGHT 100 FT (EACH) 11000 FT FM THR RWY 35

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VGSD AD 2.1 AERODROME LOCATION INDICATOR AND NAME
VGSD-SAIDPURAIRPORT
VGSD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA.

1	ARP co-ordinates an site at AD	254545.037N 885427.34E
2	Distance and direction from city	02 NM South of Town
3	AD elevation / reference temperature	125 ft/41^{0}C
4	MAG VAR/Annual changes	0.26^{0}W (2020) annual changes 1'W
5	AD administration, address, telephone telefax, telex, AFS	Civil Aviation Authority of Bangladesh Postal address: Airport Manager, Saidpur Airport, Saidpur Bangladesh Telephone: APM: 02589956949 TWR: 02589956952
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	Nil

VGSD AD 2.3 OPERATIONAL HOURS.

Sl. Nr	Service	Hours
1	Aerodrome administration	0900LT to 1700LT
2	Custom & Immigration	HO
3	Health & Sanitation	HO
4	AIS briefing office	NIL
5	ATS reporting Office (ARO)	HO
6	MET briefing Office	HO
7	Air traffic service	HO
8	Fuelling	NIL
9	Handling	NIL
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGSD AD 2-4 HANDLING SERVICES AND FACILITIES.
NIL
VGSD AD 2.5 PASSENGER FACILITIES

1	Hotels	Avbl at 1 KM
2	Restaurant accommodation	Avbl
3	Transportation available	Auto Rickshaws,Car,Taxi Car,Microbus etc
4	Medical facilities	Only fast aid avbl
5	Bank & Post office	Avbl within 1 KM
6	Tourist office	Nil
7	Remarks	Nil

VGSD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT: 6
2	Rescue equipment	Avbl
3	Disabled aircraft removal	Nil
4	Remarks	Nil

VGSD AD 2.7 SEASONAL AVAILABILITY CLEARING

2.7.1 The airport is available for all seasons. Side strips become unusable during monsoon. There is no requirement for clearing.

VGSD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Concrete Strength: PCN/17/F/Y/T
2	Taxiway width, surface and strength	Width: 75 ft Surface: Bituminous Concrete Strength: PCN 17/F/C/Y/T
3	Altimeter checkpoint location and elevation	Not designated
4	VOR Checkpoints	Nil
	INS Checkpoints	Nil
5	Remarks	Nil

VGSD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Stand identification/taxiway guide lines/Visual docking/parking guidance	Taxiing guidance signs at intersection with TWY and RWY holding positions. Guidelines at apron: Nose-in guidance at aircraft stands.
2	RWY and TWY marking and LGT	RWY marking aids: THR, Centre line, RWY designator All runways TWY marking aids: TWY holding position, TWY centre line.
3	Stop bars	NIL
4	Remarks	NIL

VGSD AD 2.10 AERODROME OBSTACLES

List of high mast/ tower/hill/chimney/ building/ barrier/ antenna around Saidpur Airport, Saidpur

SL Nr.	Name of the significant obstacles/obstructions	Co-ordinates of the Obstacle	True Bearing FM REF point	Dist (m) FM ref Point	Elevation AMSL (ft)	LGT
1.	D/VOR	254552.0N 0885434.0E	012°	460	162.69	YES
2.	NDB mast	……..	…….	…….	……	…..
3.	Control Tower	254547.60N 0885433.80E	016°	328	190.43	YES
4.	Mobile Mast (1200 ft East of Th-16), Nichu Colony	254605.94N 0885432.89E	004°	882	258.69	YES
5.	Mobile Mast, Munsipara	254650.46N 0885409.24E	345°	2326	260.90	YES
6.	Mobile Mast, Royal Tower, Sonapotti	254649.93N 0885350.11E	333°	2501	227.76	YES
7.	Mobile Mast, New Babupara	254650.56N 0885336.48E	326°	2709	229.98	YES
8.	Mobile Mast, Hotel Arafat International, ZikrulHaque road	254650.99N 0885343.22E	330°	2621	249.91	YES
9.	Mobile Mast, AB Bank	254651.66N 0885344.69E	331°	2619	254.48	YES

VGSD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	Saidpur (VGSD)
2	Hours of Service	HO
3	Office responsible for TAF preparation Periods of validity	HAZRAT SHAHJALAL INTL (VGHS) 6
4	Type of landing forecast Interval of issuance	--
5	Briefing/consultation provided	Provided at VGHS
6	Flight documentation Languages used	C PL English
7	Charts and other information avbl for briefing or consultation	-
8	Supplementary equipment avbl for providing information	-
9	ATS units provided with information	TWR
10	Additional information	Nil

VGSD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Desig-nator RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR elevation (ft)	Slope of RWY-SWY
1	2	3	4	5	6	7
16	159.95°	1829 X 30	PCN17/F/C/Y/T Bituminous Concrete	254600.55N 0885420.94E	125	NIL
34	339.65°			254504.74N 0885443.91E	125	NIL

Designator/ RWY NR	SWY Dimensions (M)	CWY Dimensions (m)	Strip Dimensions (m)	RESA	Remarks
1	8	9	10	11	12
16	30X30	180X150	2039X150	90X60	RWY transverse Slope is 1%
34	60X30	210X150	2039X150	90X60	

VGSD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA(m)	LDA (m)	RESA(m)	Remarks
1	2	3	4	5	6	7
16	1829	2009	1859	1829	90	Due to introduction of RESA
34	1829	2039	1889	1829	90	

VGSD AD 2-14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH	THR	PAPI	TDZ	RWY Centre	RWY edge	END & WBAR	STWY	Remarks
1	2	3	4	5	6	7	8	9	10
16	Nil	Six Green LGT	2 BAR PAPI	NIL	NIL	60M apart While omni-directional with fixed intensity	6 Nr Red mom-directional WBAR NIL	NIL	NIL
34	NIL	Six Green LGT	2 BAR PAPI	NIL	NIL	60M apart While omni directional With fixed intensity	6 Nr Red mom-directional WBAR NIL	NIL	NIL

VGSD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	AB/IBN location, characteristics and hours of operations	NIL
2	LDI location and LGT Anemometer location and LGT	NIL Atop Control TWR
3	TWY edge and centre line lighting	Edge: Avbl Centre line: Nil
4	Secondary power supply switch-over time	During main power supply failure, automatic standby generator power supply available within 15 seconds
5	Remarks	Apron lights: avbl

VGSD AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGSD AD 2.17 AIRTRAFFIC SERVICES AIRSPACE

1	Designation	Saidpur Control Zone (CTR)
	Lateral limits	CTR is a circle of 20 NM (37KM) radius circle centered at SDP VOR (254551.96N 0885433.95E)
2	Vertical limits	GND to FL 075 AMSL
3	Airspace	C
4	Unit Language	Saidpur Tower English
5	Transition Altitude	6000ft
6	Hours of applicability (or activation)	HO
7	Remarks	NIL

VGSD AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service designation	Call Sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Aerodrome Control Service &Approach Control (NON-RADAR) Services	Saidpur Tower	128.900 MHz EM: A3	HO	Nil

VGSD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid variation	Ident	Frequency	Hours of operation	Position of transmitting antenna Coordinates	Elevation of DME transmit-ting antenna	Remarks
1	2	3	4	5	6	7
D/VOR	SDP	115.800 MHz	HO	254552.0N 0885434.0E	-	EM-A2
DME	SDP	1192 MHz		254552.0N 0885434.0E	-	EM-A2

VGSD AD 2-20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGSD AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGSD AD 2.22 FLIGHT PROCEDURES

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VGSD AD 2.23 ADDITIONAL INFORMATION

NIL

VGSD 2.24 CHART RELATED TO SAIDPURAIRPORT

ICAO CHART		
NR	TYPE OF CHART	PAGE NR
1	AERODROME	VGSD AD 2-7
2	INSTRUMENT APPROACH	VGSD AD 2-9 to AD 2-15

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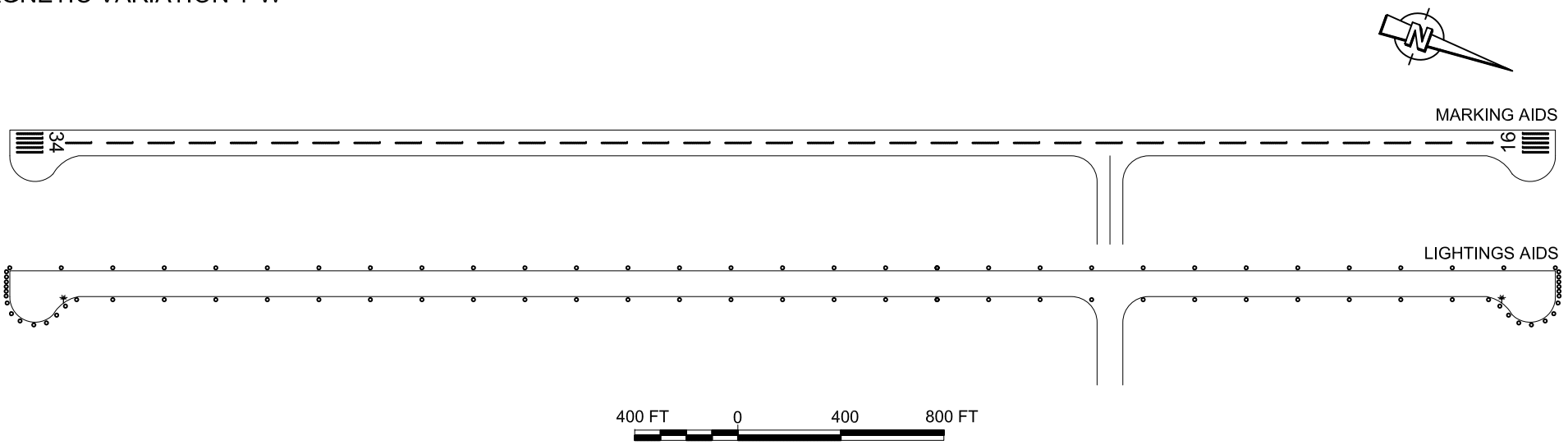
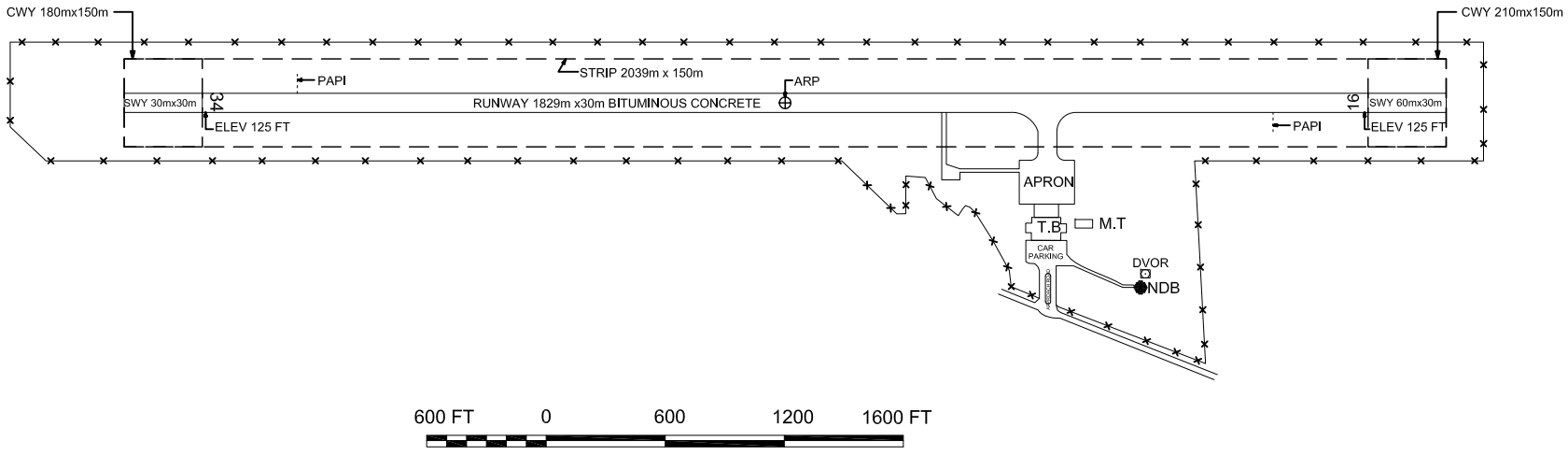
AERODROME CHART-ICAO
TYPE-A

SAIDPUR AIRPORT, SAIDPUR

MAGNETIC VARIATION 1°W





CHANGE: DVOR Position

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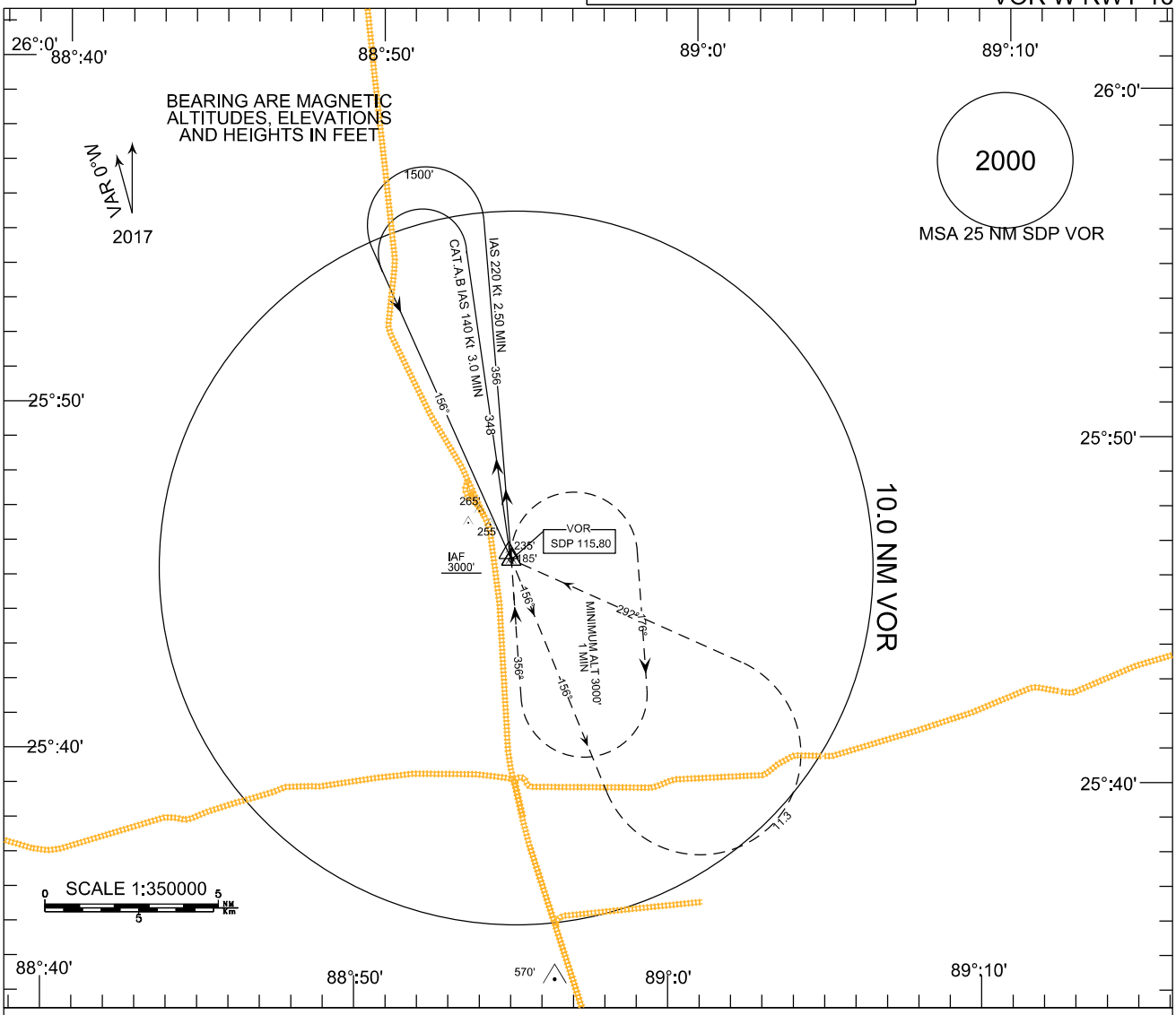
INSTRUMENT
APPROACH
CHART - ICAO

AD ELEV 125 (ft)
OCH RELATED TO
THR RWY 16-ELEV 125(ft)

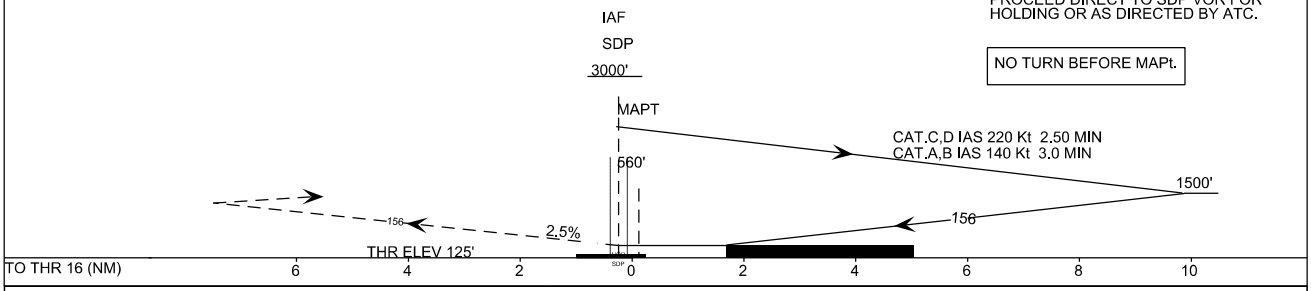
SAIDPUR TWR
128.9MHz

SAIDPUR, BANGLADESH
SAIDPUR AIRPORT

VOR W RWY 16



TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000 FT



MISSED APPROACH:
CLIMB TO 1500FT ON TRACK156 THEN TURN LEFT,CLIMB TO 3000FT AND PROCEED DIRECT TO SDP VOR FOR HOLDING OR AS DIRECTED BY ATC.

NO TURN BEFORE MAPt.

CATEGORY OF ACFT	A	B	C	D
OCA(OCH)	560(435)			
VISIBILITY MINIMA (m)	NALS			
	2600			

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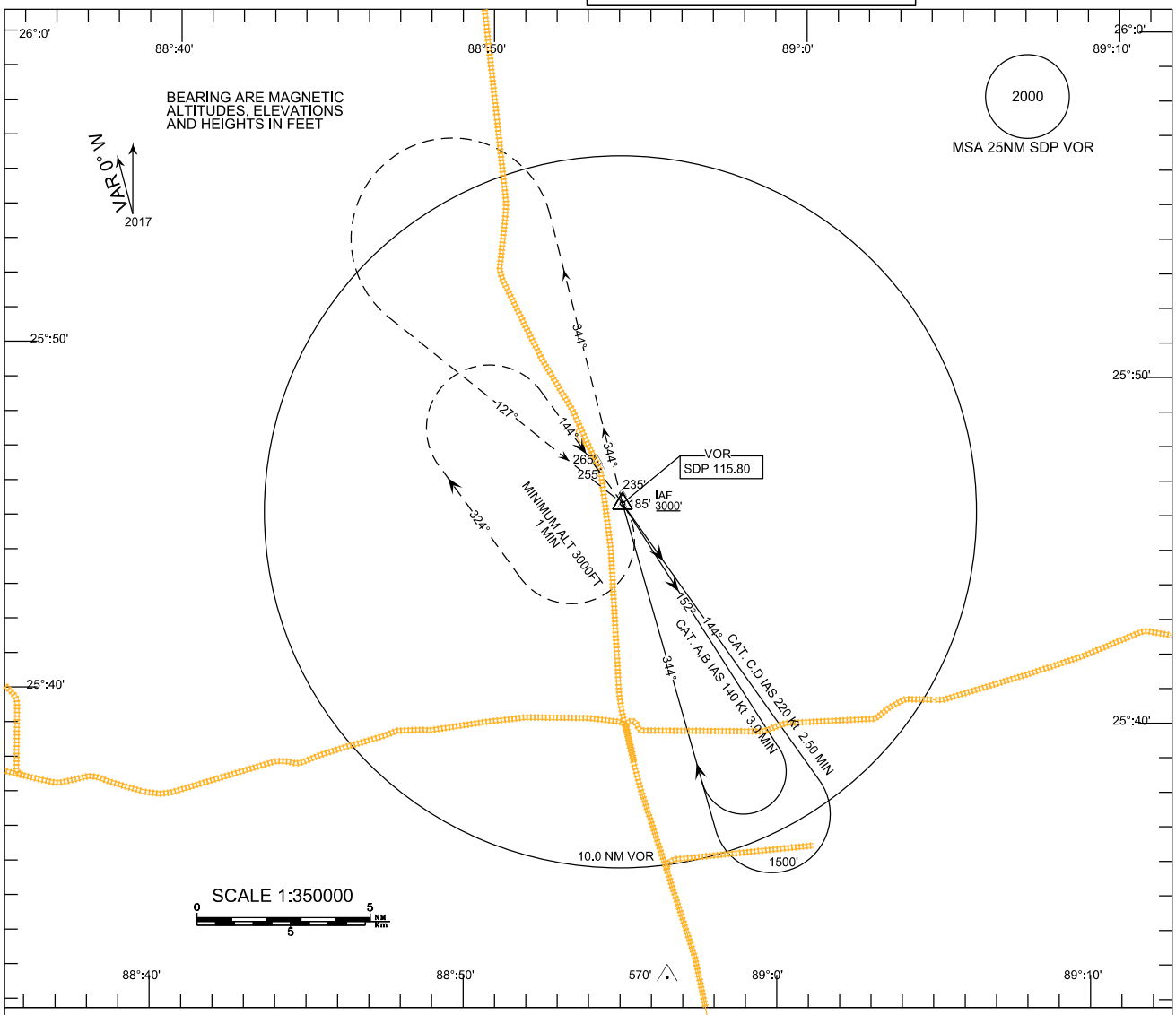
INSTRUMENT
APPROACH
CHART - ICAO

AD ELEV 125 (ft)
OCH RELATED TO
THR RWY 34-ELEV 125(ft)

SAIDPUR TWR
128.9 MHz

SAIDPUR, BANGLADESH
SAIDPUR AIRPORT

VOR X RWY 34

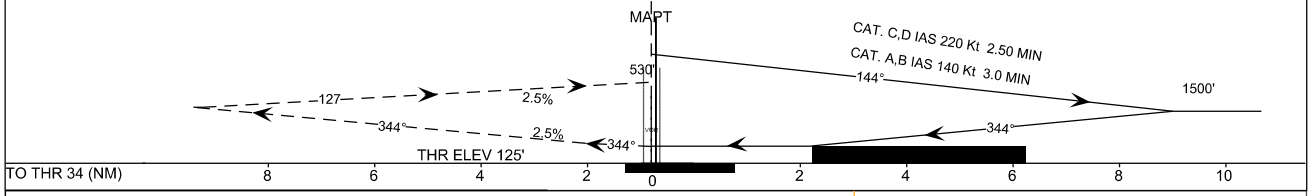


TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT

NO TURN BEFORE MAPt.

MISSED APPROACH:

CLIMB TO 1500FT ON TRACK 344
THEN TURN LEFT, CLIMB 3000FT AND
PROCEED DIRECT TO ' SDP' VOR FOR
HOLDING OR AS DIRECTED BY ATC.



CATEGORY OF ACFT	A	B	C	D
OCA(OCH)	530(405)			
VISIBILITY MINIMA (m)	BALS		NALS	
	2200		2400	

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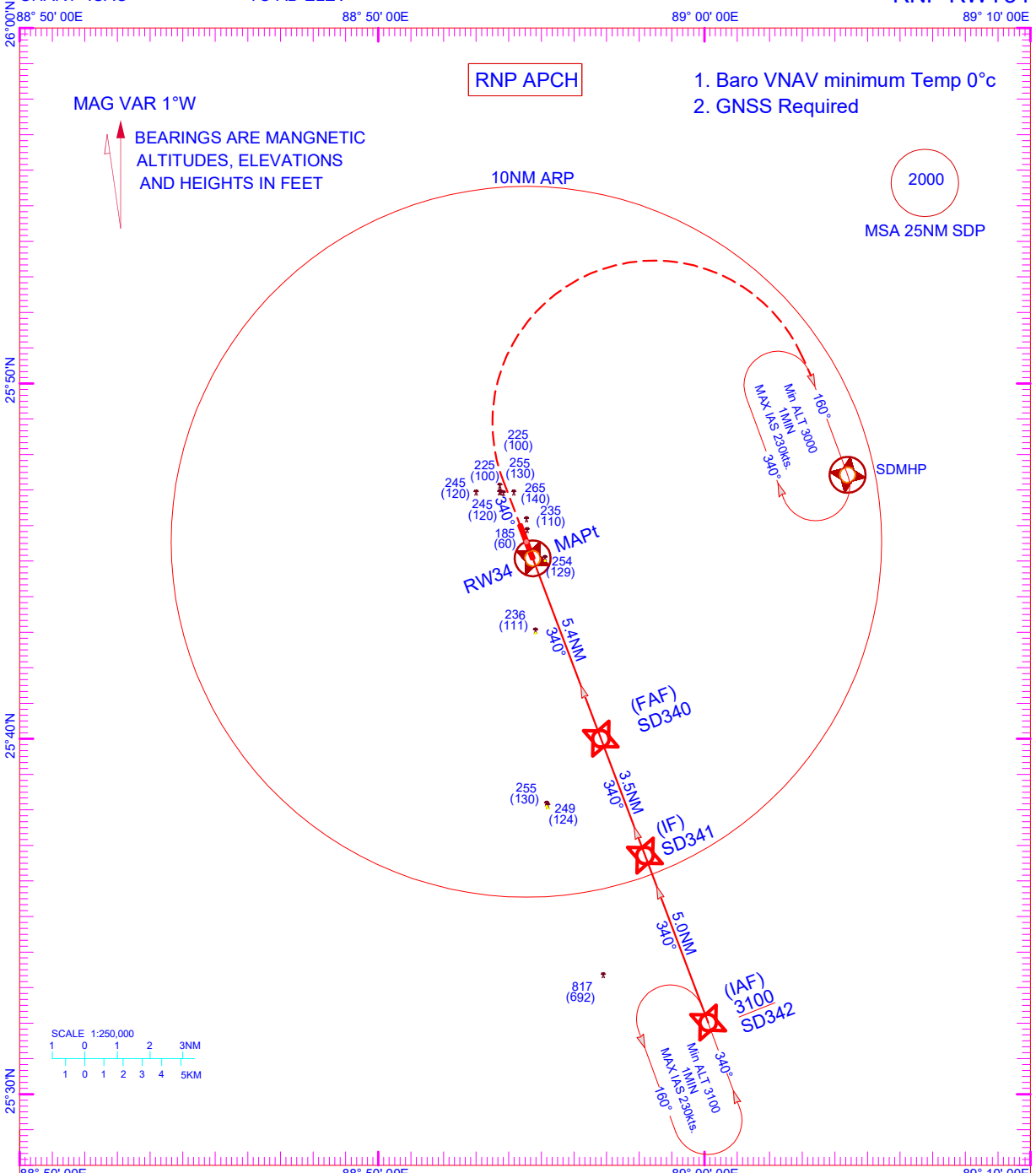
INSTRUMENT
APPROACH
CHART- ICAO

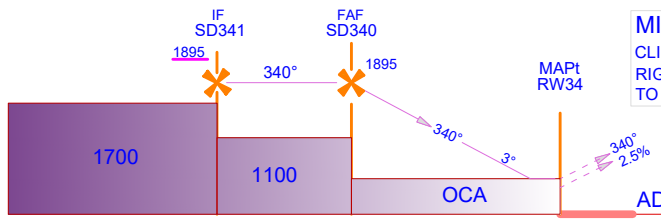
ELEV 125 FT
HEIGHTS RELATED
TO AD ELEV

TWR 128.9

SAIDPUR,BANGLADESH
SAIDPUR
RNP RWY34



TRL 60
TA 4000



MISSED APPROACH

CLIMB STRAIGHT TO 1200 ft THEN TURN RIGHT, CLIMB TO 3000ft PROCEED DIRECT TO SDMHP OR AS DIRECTED BY ATC.

CATEGORY OF ACFT		A	B	C	D
OCA(OCH)	LNAV/ VNAV	415(290)			
	LNAV(CDFA)	510(385)			
DISTANCE	5NM	4NM	3NM	2NM	1NM
ALTITUDE	1770	1450	1130	810	495
HEIGHT	1645	1324	1005	686	370

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR 34 (5.4NM)	MIN: SEC	03:36	02:42	02:10	01:48

TYPE OF Approach	LIGHT	Visibility (m)	RVR (m)
LNAV/ VNAV	BALS	1500	1200
	NALS	2000	1400
LNAV (CDFA)	BALS	1900	1600
	NALS	2300	1800

INSTRUMENT
APPROACH
CHART- ICAO

ELEV 125 FT
HEIGHTS RELATED
TO AD ELEV

TWR 128.9

SAIDPUR,BANGLADESH
SAIDPUR
RNP RWY34

CODING TABLE

SL No	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	IAF	-	-	-	-	+3100	-230 kt	-	RNP APCH
20	TF	IF	-	340° (339.56°)	-	5.0	+1895	-200 kt	-	RNP APCH
10	IF	IF	-	-	-	-	+1895	-200 kt	-	RNP APCH
20	TF	FAF	-	340° (339.56°)	-	3.5	@1895	-	-	RNP APCH
30	TF	RW34	Y	340° (339.56°)	-	5.4	@175	-	-3.0/50	RNP APCH
40	CA	-	-	340° (339.56°)	-	-	+1200	-	-	RNP APCH
50	DF	SDMHP	Y	-	R	9.97	-	-230 kt	-	RNP APCH
60	HM	SDMHP	Y	160° (159.56°)	R	-	@3000	-230 kt	-	RNP APCH

WAYPOINT LIST

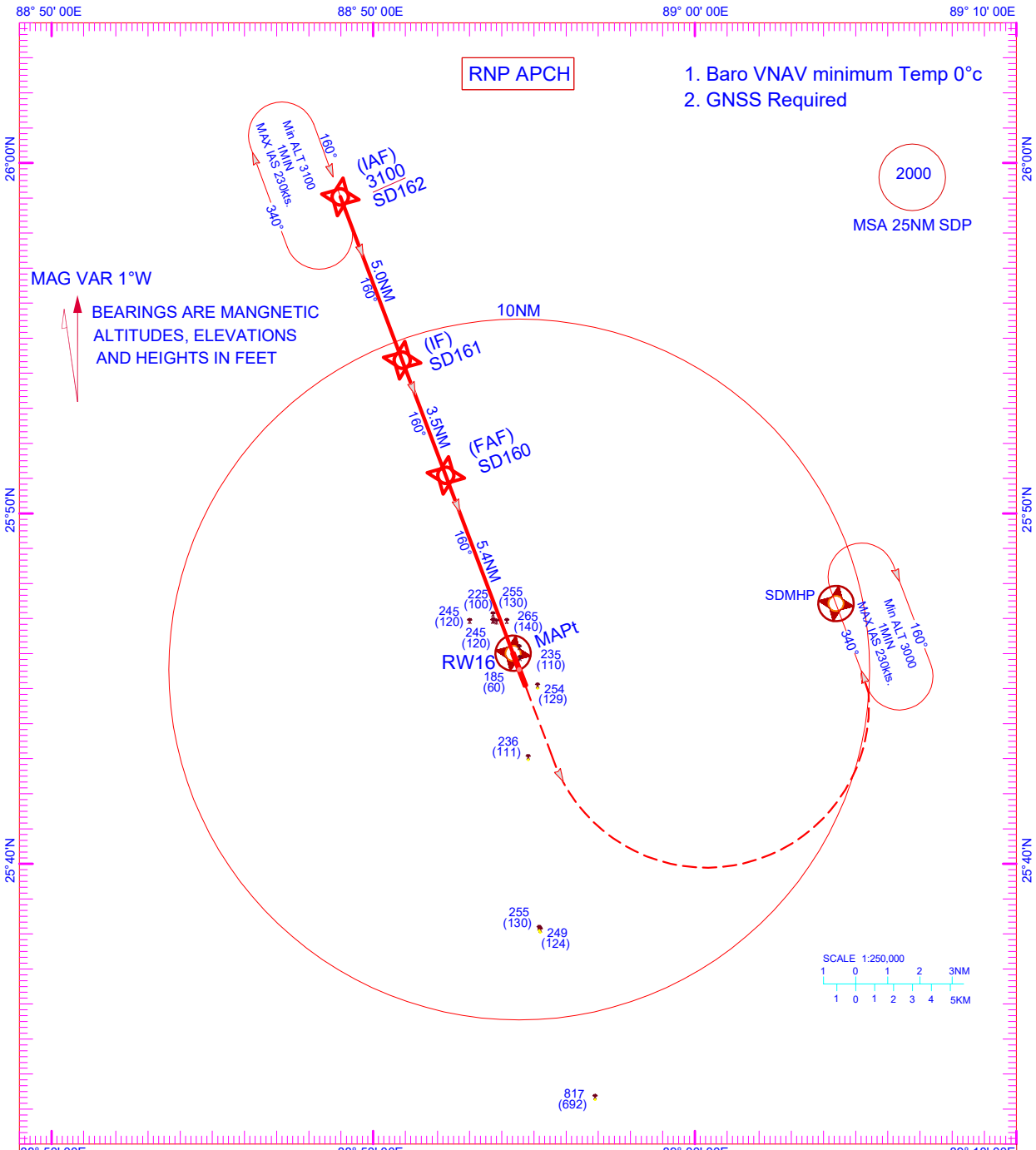
RNP RWY34 (LNAV/VNAV	
WAYPOINT IDENTIFIER	COORDINATES
SD342 (IAF)	253200.70N, 0890005.92E
SD341 (IF)	253642.73N, 0885810.24E
SD340 (FAF)	254000.14N, 0885649.16E
RW34 (MAPt)	254504.74N, 0885443.91E
SDMHP	254725.67N, 0890423.12E

INSTRUMENT
APPROACH CHART

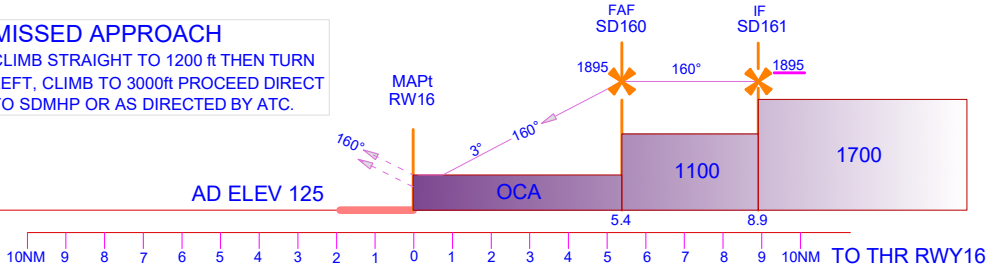
ELEV 125 FT
HEIGHTS RELATED
TO AD ELEV

TWR 128.9

SAIDPUR,BANGLADESH
SAIDPUR
RNP RWY16



MISSED APPROACH
CLIMB STRAIGHT TO 1200 ft THEN TURN LEFT, CLIMB TO 3000ft PROCEED DIRECT TO SDMHP OR AS DIRECTED BY ATC.



TRL 60
TA 4000

CATEGORY OF ACFT		A	B	C	D
OCA(OCH)	LNAV/ VNAV	426(301)			
	LNAV	520(395)			
DISTANCE	5NM	4NM	3NM	2NM	1NM
ALTITUDE	1770	1450	1130	810	495
HEIGHT	1645	1324	1005	686	370

CATEGORY OF ACFT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	478	637	796	955
FAF TO THR 16 (5.4NM)	MIN: SEC	03:36	02:42	02:10	01:48

TYPE OF Approach	LIGHT	Visibility (m)	RVR (m)
LNAV/ VNAV	BALS	1500	1200
	NALS	2000	1400
LNAV (CDFA)	BALS	1900	1600
	NALS	2300	1800

INSTRUMENT
APPROACH
CHART- ICAO

ELEV 125 FT
HEIGHTS RELATED
TO AD ELEV

TWR 128.9

SAIDPUR,BANGLADESH
SAIDPUR
RNP RWY16

CODING TABLE

SL No	Path Descriptor	Waypoint Ident	Fly Over	Course M (T)	Turn	DST (NM)	Altitude (FT)	Speed Limit	VPA/TCH	NAV SPEC
10	IF	IAF	-	-	-	-	+3100	-230 kt	-	RNP APCH
20	TF	IF	-	160° (159.56°)	-	5.0	+1895	-200 kt	-	RNP APCH
10	IF	IF	-	-	-	-	+1895	-200 kt	-	RNP APCH
20	TF	FAF	-	160° (159.56°)	-	3.5	@1895	-	-	RNP APCH
30	TF	RW16	Y	-	-	5.4	@175	-	-3.0/50	RNP APCH
40	CA	-	-	160° (159.56°)	-	-	+1200	-	-	RNP APCH
50	DF	SDMHP	Y	-	L	-	-	-230 kt	-	RNP APCH
60	HM	SDMHP	Y	340° (339.56)	R	-	@3000	-230 kt	-	RNP APCH

WAYPOINT LIST

RNP RWY16 (LNAV/VNAV	
WAYPOINT IDENTIFIER	COORDINATES
SD162 (IAF)	255904.35N, 0884857.67E
SD161 (IF)	255422.46N, 0885054.08E
SD160 (FAF)	255105.11N, 0885215.48E
RW16 (MAPt)	254600.55N, 0885420.94E
SDMHP	254725.67N, 0890423.12E

VGSH AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGSH-SHAMSERNAGAR STOL PORT

VGSH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA.

1	ARP coordinates and site ad AD	242355.84N 0915500.70E
2	Distance and direction from city	9NM South East of Moulavi Bazar
3	AD elevation/reference temperature	56 ft
4	MAG VAR/annual change	1^0 W (2020) annual changes 2'W
5	AD administration, address, telephone, telefax, telex, AFS	Bangladesh Air Force Station Shamshernagar Officer Commanding Telephone: +88 02 55060000-10 Ext 4993-7 Telefax: Nil Telex: Nil AFS:Nil
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	Nil

VGSH AD 2.3 OPERATIONAL HOURS

Prior approval is required to use the aerodrome.

VGSH AD 2.4 HANDLING SERVICES AND FACILITIES

NIL

VGSH AD 2.5 PASSENGER FACILITIES

NIL

VGSH AD 2-6 RESCUE AND FIRE FIGHTING SERVICES

Rescue and firefighting services is available, provided by Bangladesh Air Force.

VGSH AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type of clearing equipment	Nil
2	Clearance Priorities	Nil
3	Remarks	Nil

VGSH AD 2.8 APRONS, TAXIWAYS AND CHECKLOCATIONS DATA

1	Apron surface and strength	Surface: Bituminous concrete Strength: PCN12/F
2	Taxiway width, surface and strength	Width: 23M Surface: Bituminous concrete Strength: PCN 12/F
3	Altimeter checkpoint location and elevation	Not designated
4	VOR Checkpoint	Nil
5	INS Checkpoint	Nil
6	Remarks	Nil

VGSH AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

1	Stand identification/taxiway guide lines/ Visual docking/parking guidance	Taxiing guidance signs at all intersection with TWY and RWY at all holding positions. Guidelines at apron: Nose-in guidance at aircraft stands
2	RWY and TWY marking and LGT	TWY marking aids: THR, center line, RWY designator all runways TWY marking aids: TWY holding position, TWY Centre line.
3	Stop bars	Nil
4	Remarks	Nil

VGSH AD 2.10 AERODROME OBSTACLES

1	2			
In approach/TOFF area	In circling area			
	RWY effected	Obstacle type	Position	Marking LGT
	17/35	Tower 40ft	300ft West of RWY Centre line	Nil
	17/35	Trees 50ft	350ft West of RWY Centre line	Nil

SI. No	Name of the Obstacles	Geographical Coordinates in WGS-84		Elevation	
		Latitude	Longitude	metre	feet
1	Robi Mobile Tower,Vill: Keramotnagar, PO: Keramotnagar, Upazila: Kamalganj, Dist: Moulvibazar.	24°21'02.68"N	91°50'37.76"E	69.81	229.06
2	Teletalk Mobile Tower, Shamshernagar Bazar, PO: Shamshernagar, Upazila: Kamalganj, Dist: Moulvibazar.	24°22'51.88"N	91°54'05.98"E	58.71	192.66
3	Grameen Phone Mobile Tower, Vill: Bhadaideour, PO: Shamshernagar, Upazila: Kamalganj, Dist: Moulvibazar.	24°22'58.75"N	91°54'03.37"E	72.51	237.93
4	Control Tower, Shamshernagar Stalport Airport, Upazila: Kamalganj, Dist: Moulvibazar	24°23'53.31"N	91°54'57.98"E	34.71	113.89
5	Grameen Phone Mobile Tower, Recruits Hostel of BAF, Shamshernagar Stalport Airport, Upazila: Kamalganj, Dist: Moulvibazar.	24°24'14.02"N	91°54'33.26"E	47.27	155.10
6	Grameen Phone Mobile Tower, Vill: Salon, PO: Tilagaon, Upazila: Kulaura, Dist: Moulvibazar.	24°26'00.33"N	91°56'23.64"E	61.47	201.71
7	Banglalink Mobile Tower, Vill: Hingjajia, PO: Kajal Dhara, Upazila: Kulaura, Dist: Moulvibazar.	24°30'53.84"N	91°58'36.51"E	62.56	205.27
8	Grameen Phone Mobile Tower, Vill: Holichhora, PO: Kajal Dhara, Upazila: Kulaura, Dist: Moulvibazar.	24°31'56.29"N	91°56'25.40"E	84.60	277.59
9	Chimney, Surma Briks, Rosulpur Bazar, Vill: Kawla, PO: Prittim Pasha, Upazila: Kulaura, Dist: Moulvibazar.	24°30'23.81"N	92°00'07.04"E	48.27	158.38
10	Robi Mobile Tower, Vill: Rampur, PO: Robir Bazar, Upazila: Kulaura, Dist: Moulvibazar.	24°26'47.81"N	91°59'27.91"E	50.88	166.96
11	Grameen Phone Mobile Tower, Vill: Rampur, PO: Robir Bazar, Upazila: Kulaura, Dist: Moulvibazar.	24°26'35.27"N	91°59'30.48"E	60.17	197.44
12	Robi Mobile Tower, Vill: Rampur, PO: Munshi Bazar, Upazila: Kamalganj, Dist: Moulvibazar.	24°24'03.86"N	91°52'19.97"E	46.60	152.91
13	Banglalink Mobile Tower, Vill: Horisharang, PO: Munshi Bazar, Upazila: Kamalganj, Dist: Moulvibazar.	24°25'03.90"N	91°50'44.00"E	68.95	226.23
14	Robi Mobile Tower, Shamshernagar Bazar, PO: Shamshernagar, Upazila: Komolgonj, Dist: Moulvibazar.	24°22'55.10"N	91°54'06.67"E	51.11	167.7

VGSH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

Shamsernagar Information will collect from the nearest aerodrome (VGSY), to be passed to aircraft when available.

VGSH AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Desig-nator RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY & SWY		THR Coordi-nates	THR elevation (ft)	Slope of RWY-SWY
			RWY	SWY			
1	2	3	4		5	6	7
17	173.30°	1524X23	Bituminous Concrete PCN12/F	Concrete	242417.15N 0915458.26E		
35	353.30°	1524X23			242328.11N 0915503.87E		

Designator RWY NR	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (m)	OFZ	Remarks
1	8	9	10	11	12
17	76X30	305X153	1644X153	Within the CWY	NIL
35	76X30	305X153	1644X153		

VGSH AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA(m)	LDA (m)	Remarks
1	2	3	4	5	6
17	656	961	732	656	NIL
35	656	961	732	656	NIL

VGSH AD 2.14 APPROACH AND RUNWAY LIGHTING

NIL

VGSH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY.

NIL

VGSH AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGSH AD 2.17 AIRTRAFFIC SERVICES AIRSPACE

1	Designation Lateral limits	Aerodrome flight information Zone (AFIZ) AFIZ is a circle of 5 NM radius centered on RWY centre.
2	Vertical limits	3000FT (AMSL)
3	Airspace	G
4	Unit Language	Shamsernagar Information English
5	Transition Altitude	4000FT
6	Remarks	HF/RT 6826 kHz for Coordination.

VGSH AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

1	Service designator	Flight Information Service
2	Call sign	Shamsernagar information
3	Frequency	122.900 MHz
4	Hours of operation	HO
5	Remarks	NIL

VGSH AD 2.19 RADIO NAVIGATION AND LANDING AIDS

NOT AVBL

VGSH AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior information to ATC is needed

VGSH AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGSH AD 2.22 FLIGHT PROCEDURES

1**. COORDINATION PROCEDURE:**

1.1. **Departure:** Before passing information required by startup of engines, Shamshernagar information will coordinate with Dhaka Area Control Centre regarding flight level and visual Meteorological condition at Tejgon. Aircraft will not climb higher than 3000ft if coordination cannot be made for higher altitude by Shamshernagar Information or by the aircraft with Dhaka Area Control Centre.

1.2 **Arrival**: Dhaka Area Control Centre will not issue clearance to the aircraft to descend below 3000ft without prior coordination with Shamshernagar information. Dhaka ACC will allow the aircraft to change to Shamshernagar information, when aircraft established contact with Shamshernagar and is ready to change over.

VGSH AD 2.23 ADDITIONAL INFORMATION

2. **Security**: Operators are responsible for security of aircraft during operation and while aircraft is in parked position.

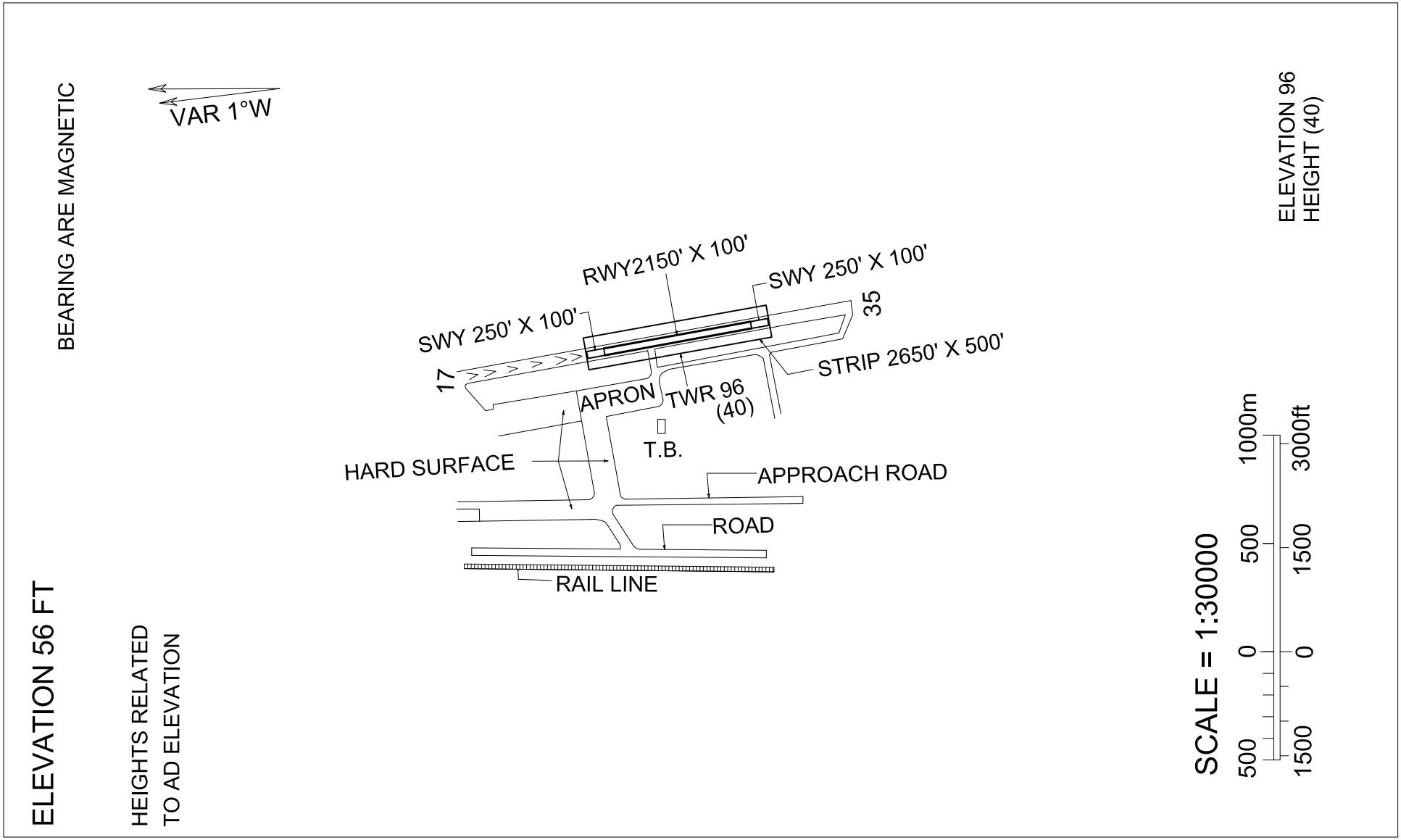
VGSH AD 2.24 CHART RELATED TO SHAMSERNAGAR STOL PORT.

ICAO CHART		
NR	TYPE OF CHART	PAGE NR
1	AERODROME	VGSH AD 2-5

AERODROME CHAART - ICAO

242355.82 N
915500.69 E

SHAMSHERNAGAR STOL PORT
MOULAVI-BAZAR



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VGTJ AD 2.1 AERODROME LOCATION INDICATION AND NAME

VGTJ-TEJGAON AIRPORT, DHAKA

VGTJ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA.

1	ARP coordinates and site at AD	2346.69N 09022.96E (Centre of the RWY)
2	Distance and direction from city	3.38 NM of city centre (GPO)
3	AD elevation/reference temperature	ELEV: 24 FT T: 34^0C (April)
4	MAG VAR	1º W (2020) Annual Change 2' W
5	AD administration, address, telephone, telefax, telex, AFS	Bangladesh Air Force BASE Bashar SATCO & OIC ATC Squadron Dhaka Cantonment, Dhaka-1206 Telephone: 8802-55060000-10, Ext 5023 Telefax : Nil, Telex: Nil, AFS: Nil.
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	NIL

VGTJ AD 2.3 OPERATIONAL HOURS.

Sl. Nr	Service	Hours
1	Aerodrome administration	0800LT to 1430 LT
2	Custom & Immigration	NIL
3	Health & Sanitation	NIL
4	AIS briefing office	NIL
5	ATS reporting Office (ARO)	HO
6	MET briefing Office	-
7	Air traffic service	HO
8	Fuelling	HO
9	Handling	NIL
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VGTJ AD 2.4 HANDLING SERVICES AND FACILITIES.

1	Cargo handling facilities	NIL
2	Fuel/Oil grades	JET A-1
3	Fuelling facilities/Capacity	Avbl/Limited
4	De-icing facilities	Nil requirement
5	Hanger space avbl for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Provided by the operator
7	Remarks	Nil

VGTJ AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil at airport avbl in Dhaka City
2	Restaurant accommodation	Nil at airport avbl in Dhaka City
3	Transportation available	Buses, Rickshaws and Taxies
4	Medical facilities	Nil at airport avbl in Dhaka City
5	Bank & Post office	Nil at airport avbl in Dhaka City
6	Tourist office	Nil at airport but Avbl in city.
7	Remarks	Tejgaon airport is inside Dhaka City

VGTJ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting required/avbl	CAT : 6 Avbl: 6
2	Rescue equipment	Avbl
3	Disabled aircraft removal	Nil
4	Remarks	Responsibility of Fire fighting and Rescue is shared by Bangladesh Air-force and Bangladesh Army.

VGTJ AD 2.7 SEASONAL AVAILABILITY CLEARING

2.7.1 The airport is available for all seasons. Side strips become unusable during monsoon. There is no requirement for clearing.

VGTJ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Bituminous Concrete Strength: PCN 40/F/C/Y/T
2	Taxiway width, surface and strength	Novembar : 450M X 15M – Bituminous Concrete Charlee : 293M x 23M - Bituminous Concrete Papa : 202M x 21M – Concrete Sierra : 37M x 30M – Concrete Tango : 49M x 14M - Bituminous Concrete Strength: To be determined
3	ACL location and elevation	Not designated
4	INS Checkpoints	Nil
5	Remarks	Nil

VGTJ AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

1	Stand identification/taxiway guide lines/Visual docking/parking guidance	Taxing guidance signs at intersection with TWY and RWY at all holding position Guidelines at apron:. Nose-in guidance at aircraft stands.
2	RWY and TWY marking and LGT	RWY marking aids: THR, Fixed distance, Centre line, Aiming Points, RWY Holding Position, RWY Designator-all runways TWY Marking Aids: TWY Centre line, RWY Holding Position, Intermediate Holding Position.
3	Stop bars	NIL
4	Remarks	NIL

VGTJ AD 2.10 AERODROME OBSTACLE

In approach/TOFF area			
Rwy effected	Obstacle type elevation	Position	LGT
35	Apartment Building 144 ft	East of extended centre line 1244 M FM THR RWY 35	Yes
35	Bashundhara Building 159 ft	1.7 KM on brg 166^0 FM THR RWY-35	Yes
17	Old LOS Mast 372 ft	1 KM on brg 125^0 FM THR RWY-17	Yes

In circling area				
RWY affected	Obstacle type	Position	Marking/ LGT	Remarks
17/35	Bricks structure (Dimension 1650X75ft) 6ft	220 ft offset to the West side of RWY centre line	No	Tejgaon is adjacent to Hazrat Shahjalal International Airport (VGHS). All the Obstructions at/around VGHS will be considered as obstacles for Tejgaon (VGTJ).
17/35	Bricks structure (Spectrum Gallery) (Dimension 1000X60ft) 4ft	220 ft offset to the West side of RWY centre line	No	
17/35	Bricks structure (Spectrum Gallery) (Dimension 900X60ft) 4ft	220 ft offset to the West side of RWY centre line	No	
17/35	IDB Bhavan Antenna 325 ft	1200 ft offset to the West side of RWY centre line	Yes	

VGTJ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

2.11.1 Crews may receive weather briefing at Met office located at BAF Base Bashar.

VGTJ AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	True BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY RWY SWY	THR Coordinates	THR Elevation (ft)	Slope of RWY-SWY
1	2	3	4	5	6	7
17	164.24° T	2622X30	PCN40F/C/Y/T Bituminous Concrete	234724.94N 0902244.87E	24 ft	0.06%
35	344.24° T	2622X30	PCN40F/C/Y/T Bituminous Concrete	234602.74N 0902309.83E	24 ft	0.06%
RWY Designations	SWY Dimensions (M)	CWY Dimensions (m)	Strip Dimensions (m)	OFZ	Remarks	
1	8	9	10	11	12	
17	74X30	140X150	2859X280	Within the CWY	Nil	
35	275X30	275X57	2859X280	Within the CWY	Nil	

VGTJ AD 2.13 DECLARED DISTANCES

RWY	TORA (M)	TODA (M)	ASDA(M)	LDA (M)	Remarks
1	2	3	4	5	6
17	2744	2844	2818	2744	NIL
35	2744	3019	3019	3019	NIL

VGTJ AD 2.14 APPROACH AND RUNWAY LIGHTING

NIL

VGTJ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY.

NIL

VGTJ AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGTJ AD 2.17 AIRTRAFFIC SERVICES, AIRSPACE

1	Designation	Tejgaon Tower
	Lateral limits	A portion of the Dhaka CTR laterally bounded by a closed line obtained by joining A(234116.57N, 0902427.57E) to B(232428.23N, 0902223.48E) then along an arc of radius 25NM from Dhaka VOR upto C(235552.71N), 0895824.17E) then to D(234920.99N), 0902209.78E) there fter along the center line of the RWY to A(234116.57N, 0902427.57E).
2	Vertical limits	1000ft (AMSL)
3	Airspace Classification	C
4	Call Sign of ATC Unit	Tejgaon Tower
	Language	English
5	Transition Altitude	6000 ft
6	Hours of Applicability	Sunrise to Sunset
7	Remarks	Nil.

1	Designation	ATZ
	Lateral limits	2 NM-To the North from threshold RWY17, 5 NM-To the South &West (semicircular from center of runway)
2	Vertical limits	1000ft (AMSL)
3	Airspace Classification	C
4	Call Sign of ATC Unit	Tejgaon Tower
	Language	English
5	Transition Altitude	6000 ft
6	Hours of Applicability	Sunrise to Sunset
7	Remarks	Nil.

VGTJ AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

1	Service designator	Air Traffic control service
2	Call sign	Tejgaon Tower
3	Frequency	123.000MHz (PRY) 122.900 MHz (SRY)
4	Hours of applicability (or activation)	Sunrise to Sunset
5	Remarks	1) Service provided by Bangladesh Air force 2) HF/RT 6826 kHz for coordination.

VGTJ AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Types of aid variation	Ident	Frequency	Hours of operation	Coordinates	Elevation of DME Transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	DC	252 kHz	HO	234702.94N 0902313.38E	N/A	NIL

LANDING AIDS -NIL

VGTJ AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC.

VGTJ AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGTJ AD 2.22 FLIGHT PROCEDURES

1. FLIGHT PLAN:

All operators will submit their flight plans at least one hour before ETD from Tejgaon for both proceeding to destination and arriving from that place to Tejgaon. Tejgaon PFIU unit will pass the flight plans to P.F.I.U. at Hazrat Shahjalal Intl. Airport HAZRAT SHAHJALAL(P.F.I.U) will check the flight plans and will inform Tejgaon whether those flight plans are established procedures followed at Hazrat Shahjalal International Airport. Only those flights will be allowed to operate whose flight plans have been cleared.

2. ARRIVAL/DEPARTURE AND COORDINATED PROCEDURE.

2.1 DEPARTURE

Before permitting to start engines of any aircraft Tejgaon will coordinate Dhaka Tower. Tejgaon Tower will clear flight as per the clearance prescribed by Dhaka Tower. Departure aircraft while passing through 1000 feet or leaving Tejgaon circuit whichever is earlier will be released for take-off if confirmed by Tejgaon Tower that required visibility exists at the place of destination. All operation to/from Barishal will be subject ← to prior coordination between Tejgaon & Dhaka Tower due to presence of Training Area VGR 25 & VGR 26. Army Aviation aircraft proceeding to training area south. Dhaka tower shall coordinate with Tejgaon Tower before clearing any flight. Tejgaon Tower will ensure separation between Military aircraft and civil traffic in the training area VGR 25/VGR26 in coordination with appropriate Military Authority.

If aircraft encounters IMC in control zone, it will proceed to Hazrat Shahjalal International Airport for landing (following existing Instrument procedures). While in contact with HSIA the aircraft has Tejgaon airfield in sight and if weather condition permits, the aircraft may be handed over to Tejgaon for visual landing subject to traffic condition.

2.2 Arrival:

Once ETA of any flight from airport outside Dhaka is received, the same will be passed by Dhaka Tower to Tejgaon Tower and vice versa without delay, once Tejgaon Tower and vice versa without delay, once Tejgaon Tower receives ETA of flights arriving from Barishal, it will ensure that adequate separation exist between such flights and other military aircraft in the training VGR25/VGR26 in coordination with appropriate Military authority. Coordination regarding any STOPL aircraft arriving Tejgaon will be effected by Dhaka Tower at five miles west of Tejgaon/passing through 2000 feet while descending or at a place/time/level as agreed by both controllers. Tejgaon Tower will pass all the arrival message to the port of departure.

3 AIRCRAFT RECOVERY WHEN IMC

If aircraft encounts IMC in control zone, it will proceed to Hazrat Shahjalal International Airport for landing (following existing instrument procedures). While in contact with HSIA the aircraft has Tejgaon airfield in shight and if weather condition permits, the aircraft may be handed over to Tejgaon for visual landing subjet to traffic condition.

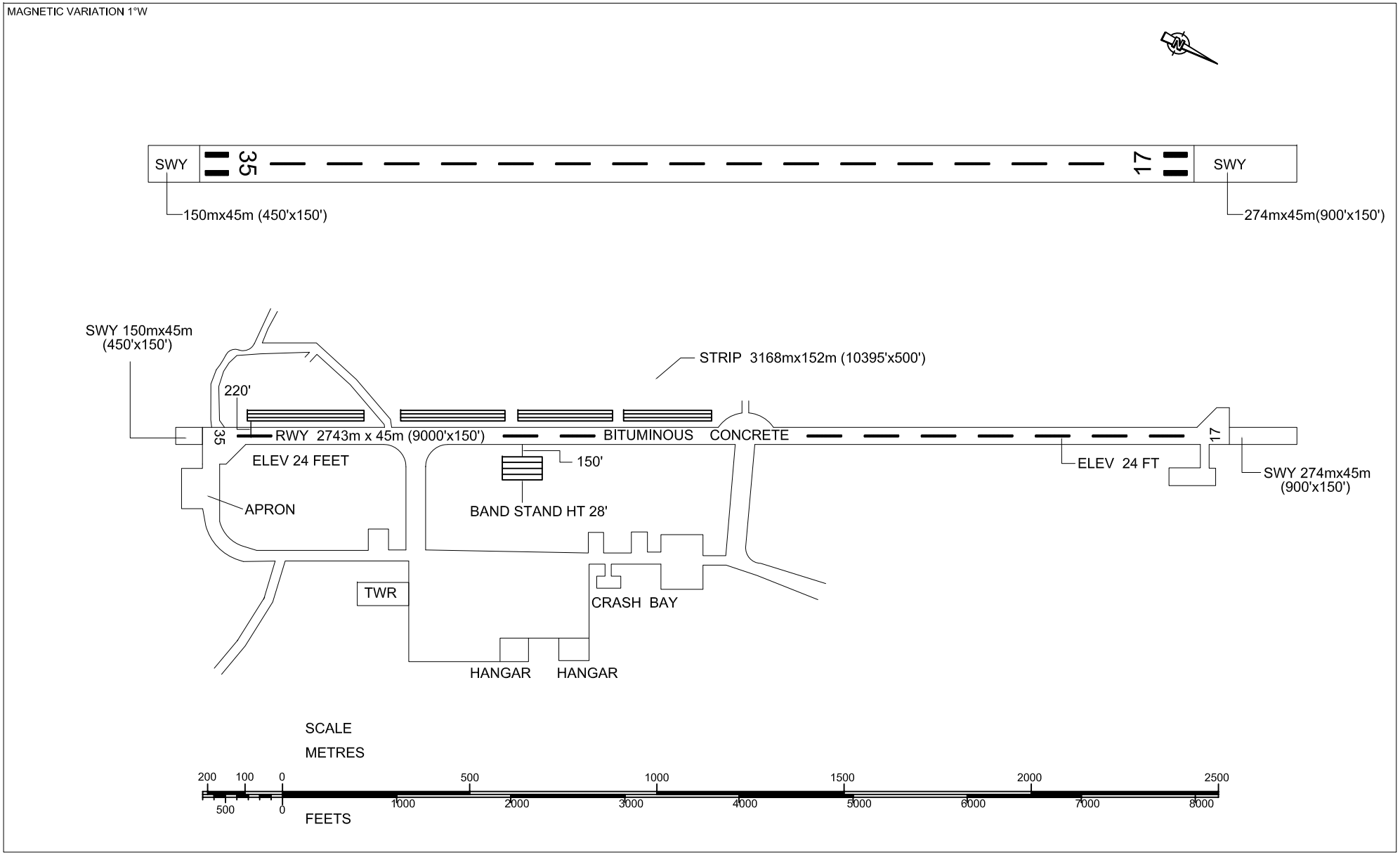
VGTJ AD 2.23 ADDITIONAL INFORMATION

Security: Operators are responsible for ensuring safe operation of flights and also ensure safety of their aircraft when the aircraft are at parked position. Civil Aviation Authority will assist the operators regarding security.

VGTJ AD 2.24 CHART RELATED TO AN AERODROME

ICAO CHART		
NR	TYPE OF CHART	PAGE NR
1	AERODROME	VGTJ AD 2-7

AERODROME CHART-ICAO TEJGAON AIRPORT, DHAKA



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