PEOPLE’S REPUBLIC OF BANGLADESH

AERONAUTICAL INFORMATION SERVICES

CIVIL AVIATION AUTHORITY, BANGLADESH
HEADQUATERS, KURMITOLA, DHAKA-1229, BANGLADESH

AIP AMDT

TEL: +88-02-8901904-13 ext: 4065, 4172 Cell: +880-1708167061 FAX:+88-02-8901411 AFS:VGHQYOYX Email: adaishq@caab.gov.bd	AIP AMENDMENT NR. 01/19 28 MAR 2019

Publication date : 14 FEB 2019

Effective date : 28 MAR 2019

1. SIGNIFICANT INFORMATION AND CHANGES:

   a) Air Defence Identification Zone (ADIZ) has been incorporated (ENR 5.2-1–ENR 5.2-3).

   b) Approach Charts for some airports in AD section have been reviewed.

   c) Few Charts of GEN, ENR and section of few airports have been reviewed.

   d) Spellings of five locations have been revised.

2. INSERT THE ATTACHED REPLACEMENT PAGES, WHICH ARE MARKED WITH ASTERISKS IN THE CHECKLIST OF PAGES-GEN 0.4-1 TO GEN 0.4-4

3. NEW OR REVISED INFORMATION IS INDICATED EITHER BY HORIZONTAL ARROW OR A VERTICAL LINE.

4. RECORD ENTRY OF AMENDMENT ON PAGE GEN 0.2-1.

5. THIS AMENDMENT INCORPORATES INFORMATION CONTAINED IN THE FOLLOWING WHICH ARE HERE BY SUPERSEDED:

   5.1 NOTAMs: A0256/17, A0032/18, A0115/18, A0116/18, A0235/18, A0319/18, A0322/18, A0369/18, A0408/18, A0409/18, A0410/18, A0026/19, A0027/19, A0034/19, A0035/19, C0040/18, C0075/18.

   5.2 AIP SUPPs: 02/17, 01/18.

GEN 0.2 RECORDS OF AIP AMENDMENTS

NR/Year	Effective Date	Date Inserted	Inserted by	NR/Year	Effective Date	Date Inserted	Inserted by
01/2011	30 JUN 2011	30 JUN 2011					
NIL	15 DEC 2011						
01/2012	08 MAR 2012	08 MAR 2012					
02/2012	18 OCT 2012	18 OCT 2012					
01/2013	04 APR 2013	04 APR 2013					
02/2013	17 OCT 2013	17 OCT 2013					
01/2014	03 APR 2014	03 APR 2014					
02/2014	16 OCT 2014	16 OCT 2014					
01/2015	02 APR 2015	02 APR 2015					
02/2015	12 NOV 2015	12 NOV 2015					
01/2016	23 JUN 2016	23 JUN 2016					
02/2016	08 DEC 2016	08 DEC 2016					
01/2017	07 DEC 2017	07 DEC 2017					
01/2018	24 MAY 2018	24 MAY 2018					
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5.3 The following is a list of national public holidays for 2019 with dates corresponding with the Gregorian calendar.

Public Holidays (2019)		
Date	Name of Holidays	Duration (Days)
21FEB	International Mother Language Day & Shahid Dibash	1
17 MAR	Birthday of father of the nation	1
26 MAR	Independence & National day	1
14 APR	Bangla New Year day	1
21 APR	Shab-e-Barat*	1
1 MAY	May-day	1
18 MAY	Buddha Purnima +	1
31 MAY	Jumatul bidah	1
02 JUN	Shab-e-Qadar *	1
04-06 JUN	Eid-Ul-Fitre *	3
11-13 AUG	Eid-Ul–Azha *	3
15 AUG	National Mourn Day	1
23 AUG	Janmastami	1
10 SEP	Ashura *	1
08 OCT	Durgapuja (Dashami) +	1
10 NOV	Eid-e-Milad-un-Nabi	1
16 DEC	Victory Day	1
25 DEC	Christmas Day	1

* Depends on moon observation

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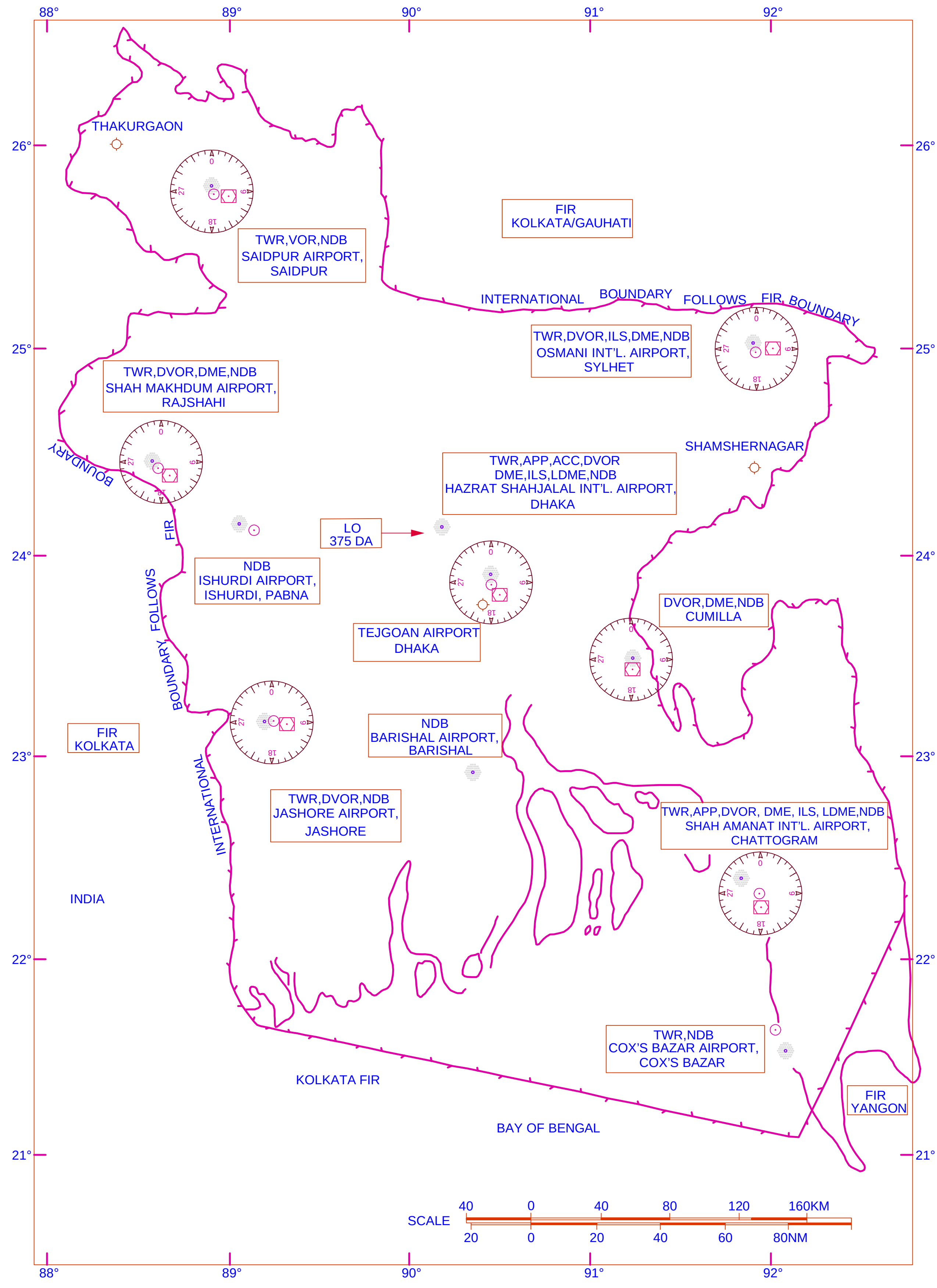
RADIO FACILITY INDEX



GEN 3.5 METEOROLOGICAL SERVICES

1. Responsible Service

1.1 The Meteorological Services for Civil Aviation is provided by the Bangladesh Meteorological Department, Ministry of Defen‡e.

Postal Address:

The Director
Bangladesh Meteorological Department,
Abhawa Bhaban, Agargaon,
Dhaka-1207, Bangladesh

Telephone	: 880-2-8144968, 880-2-9123838.
Telefax	: 880-2-8118230, 88-02-9119230, 88-02-9103908
AFS	: VGHSYMYX
Email	: info@bmd.gov.bd, swc@bmd.gov.bd
Website	: www.bmd.gov.bd

1.2 The Service is provided in accordance with the provisions contained in the following ICAO Documents:

Annex-3 (Meteorological Service for international Air Navigation)

DOC 7030-Regional Supplementary Procedures Part-3-Meteorology

1.3 Difference to these provisions are detailed in subsection GEN 1.7.

2. Area of responsibility

2.1 Area meteorological watch is provided for the Dhaka FIR.

3. METEOROLOGICAL OBSERVATIONS AND REPORTS

Table GEN 3.5.3 METEOROLOGICAL OBSERVATION AND REPORTS

Name of Station Location Indicator	Type & freq of observation/ automatic observing equipment.	Types of MET reports & supplementary information included	Observation system & site(s)	Hours of operation	Climatological information.
1	2	3	4	5	6
Dhaka/HSIA VGHS	Half hourly plus special observation	METAR SPECI SUPPL: TREND	Surface wind by Electrical Anemograph/Anemometer. Visibility by eye estimation. RVR by eye estimation. Cloud base by eye estimation (ceilometer). Temperature and dew-point by psychrometer.	H24	CLIMATOLOGICAL SUMMARIES AVBL.
Chattogram/ Shah Amanat Intl. VGEG	Half Hourly plus special observation	METER SPECI SUPPL: TREND	Same as HSIA Intl. Exc transmissometer and ceilometer.	H24	Climatological Summaries AVBL
Cox's Bazar VGCB	Half hourly plus special observation	METER SPECI SUPPL : NIL	Same as VGEG	HJ	NIL
Rajshahi VGRJ	Hourly, Special Observation and if required half-hourly.	METER SPECI SUPPL: NIL	Same as VGEG	HJ	NIL
Jashore VGJR	Half hourly plus special	METER SPECI SUPPL. NIL	Same as VGEG	HJ	NIL
Saidpur VGSD	Hourly, and Special observation	METER SPECI SUPPL: NIL	Same as VGEG	HJ	NIL
Osmani, Sylhet VGSY	Hourly, Special observation and if required half-hourly.	METER SPECI SUPPL: NIL	Same as VGEG	HJ	NIL

4. Types of services

4.1 Briefing and flight documentation is provided as indicated in respective Aerodrome Section. Whenever possible, the Pilot-in-Command or his designated representative is given personal briefing by meteorological personnel on office.

4.2 Aerodrome reports and forecasts, including trend type forecasts, are provided in Table GEN 3.5.3 and respective Aerodrome.

4.3 For short flights (up to 500 NM) all the en-route information is usually presented in tabular non-pictorial form, while for flights of more than 500 NM a pictorial forecast with significant weather is supplied.

4.4 Runway visibility observations, taken manually, are provided at Hazrat Shahjalal International Airport, Dhaka and Shah Amanat International Airport, Chattogram and Osmani International Airport, Sylhet when visibility is 926 m or less.

4.5 Warning for the protection of parked aircraft is issued for squalls and gales when the mean speed of the surface wind is expected to exceed 40 kts. Warnings are also issued for other hazardous meteorological elements.

4.6 OBSERVING YSTEMS & OPERATING PROCEDURES.

4.6.1 Surface wind is measured by cup anemometer on top of Control Tower 111 feet above ground at HSIA International Airport, Dhaka. Wind indicator repeaters are located in the Meteorological Office and Control Tower.

4.6.2 Cloud height is measured by ceiling balloon or reported by aircraft as applicable.

4.6.3 Temperature is measured by psychrometer at the observing station on top of the operational building 90 ft above ground at HSIA International Airport, Dhaka.

4.6.4 Climatological Summaries for Chattogram and Dhaka are available.

5. Notification required from operators

5.1 Notification from operators in respect of briefing flight documentation and other meteorological information needed by them is normally required:

(a) for flights up to 500 nautical miles at least three hours before the expected time of departure.

(b) for flight of more than 500 nautical miles at least six hours before the expected time of departure.

6. Aircraft reports (AIREP required from operator)

6.1 Routing aircraft meteorological observations shall be made and the reports transmitted at ATS/MET reporting points listed below and as indicated in subsection ENR 3.1. Arriving flights should with the exceptions detailed in para 6.2 should also record the observation in the AIREP form and handed in to the meteorological office post flight.

Routes	FIR	ATS/MET REPORTING POINTS	COORDINATES
A462	Kolkata/Dhaka	BEMAK	225539 N 0885356 E
G463	Dhaka/Yangon	AVLED	214003 N 0922049 E

6.2 Aircraft shall be exempted from making and reporting routine observations when,

(a) the flight duration is 2 hours or less; or

(b) the aircraft is at a distance from the next intended point of landing equivalent to 1 hour flying time or less; or

(c) when the altitude of the flight is below 1500 meters (5000 feet); or

(d) when the aircraft is flying over specified routes or areas where the network of surface observation is considered by regional Air Navigation agreement to be adequate for the provision of meteorological services for air navigation and at an altitude for which the ground based upper air observations are similarly considered to provide adequate information.

6.3 Reporting of low level wind shear

6.3.1 Pilots encountering wind shear shall report to ATC as soon as possible.

6.3.2 When reporting wind shear on radiotelephony, the information should be transmitted in following order:

(a) Aircraft call-sign;

(b) WIND SHEAR reports;

(c) Time (of wind shear occurrence);

(d) Position(of wind shear);

(e) Intensity (moderate, strong or severe);

(f) Average height of wind shear layer.

6.3.3 On receipt of wind shear report from a pilot, ATC will pass it to other aircraft in the vicinity. The following phraseology will be used.

"WIND SHEAR WARNING

ARRIVING (OR DEPARTING)........................(type of aircraft)

REPORTED................(MODERATE, STRONG, SEVERE)

WIND SHEAR IN APPROACH (OR DEPARTURE)

RUNWAY ....(NUMBER) AT.............(TIME)

HEIGHT OF WIND SHEAR LAYER................(feet)"

ENR 2 AIR TRAFFIC SERVICES AIRSPACE
ENR 2.1 FIR, CTR, ACA, TMA

1. FLIGHT INFORMATION REGION, CONTROL ZONES AND TERMINAL CONTROL AREA

Name Lateral limits Vertical limits Class of Airspace	Unit providing service	Call sign Languages Hours of service	Freq. Purpose	Remarks
1	2	3	4	5
Dhaka Flight Information Region 2100 N 09200 E 2138 N 08910 E then along the national boundary until it meets the Yangon FIR boundary at 2209 N 09237 E 2100 N 09200 E UNL GND/WATER G	Dhaka ACC(Upper): FM FL285 to FL460 and Dhaka ACC (Lower): FM GND to FL285	Dhaka ACC (Upper) & Dhaka ACC (Lower): FM 0200 to 1400. Dhaka Control :1400 to 0200 (next day) EN	ACC(upper):125.7 MHz, ACC(lower): 126.7 MHz and Dhaka Control 125.7 MHz	Except Dhaka CTR, CGP CTR and other Aerodrome control's jurisdiction and ATS Route L507 (responsibility for the provision of air traffic services within the Route L507 between FL280 and FL 460 is delegated to Kolkata ACC/FIC)
Dhaka Control Zone A circle of 25 NM radius centered on Dhaka VOR (234927.42N0902446.52E) except that portion which falls North of the straight line joining points 241147 N 0903711 E 241147 N 0901221 E FL 055 GND/WATER **C**	Dhaka TWR	Dhaka TWR EN H24	118.3 MHz (PRI), 119.3 MHz (SRY)	

Name Lateral Limits Vertical Limits Class of Airspace	Unit Providing Service	Call sign Languages Hours of Service	Freq. Purpose	Remarks
1	2	3	4	5
Chattogram control Zone A circle of 25 NM radius centered on Chattogram VOR (221527.85N 0914938.93 E) FL 145 GND /WATER **C**	Chattogram Tower	Chattogram Tower EN HO	118.4 MHz (PRI) 119.4 MHz (SRY)	
Dhaka Terminal Control Area A circle of 50 NM radius centered on Dhaka VOR excluding the area which falls within Indian territory & North of the straight line joining Points 241147 N 0911340 E 241147 N 0893552 E FL 460 FL 055 **C**	Dhaka ACC (Upper) and Dhaka ACC (Lower)	Dhaka Control EN H24	125.7 MHz and 126.7 MHz	FM 0200-1400 UTC both upper & lower. But FM 1400 to 0200(next day) Dhaka Control freq125.7 MHz

ENR 4 RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 RADIO NAVIGATION AIDS EN-ROUTE

Name of station	ID	Frequency	Hours of operation	Coordinates of the transmitting antenna	ELEV Antenna	Remarks
DHAKA, DVOR	DAC	112.7MHz	H24	234927.42N 0902446.52E		
DHAKA, DME	DAC	1161MHz	H24	234935.12N0902447.58E		
DHAKA, NDB	DCN	298 KHz	H24	235034.32N0902503.67E		
DHAKA, LO	DA	375KHz	H24	235558.39N0901936.52E		
CHATTOGRAM, DVOR	CTG	113.4 MHz	H24	221527.90N 0914938.98E		
CHATTOGRAM, DME	CTG	1168 MHz	H24	221527.90N 0914938.98E		
CHATTOGRAM, NDB	EG	287 KHz	H24	221510.30N 0914932.85E		
SYLHET, DVOR	SYT	116.4 MHz	HO	245747.75N0915142.06E		
SYLHET, NDB	SY	372 KHz	HO	245719.58N0915220.76E		
SYLHET ILS DME		1013 MHz	HO			
BARISHAL, NDB	BL	368 KHz	HO	224752.16N0901752.21E		
COX'S BAZAR, NDB	CB	396 KHz	HO	212710.29N0915756.70E		
CUMILLA, DVOR	CML	115.5 MHz	HO	232600.03N0911124.93E		
CUMILLA, NDB	CM	330 KHz	HO	232610.33N0911115.86E		
ISHURDI, NDB	-	-	-	-		
JASHORE, DVOR	JSR	113.0 MHz	HO	231206.37N0890910.39E		
JASHORE, DME	JSR	1164 MHz	HO	231206.37N0890910.39E		
JASHORE, NDB	JR	280 KHz	HO	231030.57N0890942.29E		
RAJSHAHI, DVOR	RAJ	114.6 MHz	H24	242621.18N0883654.10E		
RAJSHAHI, NDB	RJ	228 KHz	H24	242632.87N0883649.35E		
RAJSHAHI, DME	RAJ	1180 MHz	H24	242621.18N0883654.10E		
SAIDPUR, DVOR	SDP	115.8 MHz	HO	254516.30N0885435.64E		
SAIDPUR, DME	SDP	1192 MHz	HO	254516.30N0885435.64E		
SAIDPUR, NDB	SD	268 KHz	HO	254552.27N0885434.83E		

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ENR 5 NAVIGATION WARNINGS

ENR 5.1 PROHIBITED, RESTRICTED AND DANGER AREAS

1. Introduction

All air space in which a potential hazard to aircraft operations may exist and all areas over which the operation of civil aircraft may, for one reason or another, be restricted either temporarily or permanently, are classified according to the following three types of areas as defined by ICAO.

2. Danger Area

2.1 An airspace of defined dimensions within which activities dangerous to the flight of aircraft may exist at specified times. This term is used only when the potential danger to aircraft has not led to the designation of the airspace as restricted or prohibited. The effect of the creation of the danger area is to caution operators or pilots of aircraft that it is necessary for them to assess the dangers in relation to their responsibility for the safety of their aircraft.

3. Prohibited Area

3.1 An airspace of defined dimensions, above the lands areas or territorial waters of a State within which the flight of aircraft is prohibited. This term is used only when the flight of civil aircraft within the designated airspace is not permitted at any circumstances.

4. Restricted Area

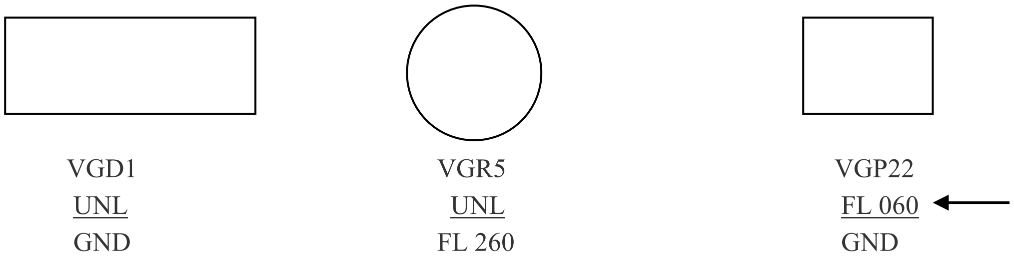
4.1 An airspace of defined dimensions, above the land areas or territorial waters of a State, within which the flight of aircraft is restricted in accordance with certain specified conditions. This term is used whenever the flight of civil aircraft within the designated airspace is not absolutely prohibited but may be made only of specified times leads to the designation of the airspace a "restricted area' as would prohibition except in certain meteorological conditions. Similarly, prohibition of flight unless special permission has been obtained, leads to the designation of restricted area. However, conditions of flight imposed as a result of application of rules of the air or air traffic services practices or procedures (for example airspace) do not constitute conditions calling for designation as a restricted area.

5. Each area is numbered and a single series of numbers is used for all areas, regardless of type, to ensure that a number is never duplicated.

6. The types of area involved is indicated by the letter “P” for Prohibited, “R” for Restricted and “D” for Danger preceded by the nationality letters VG. For example areas are assigned numbers and letters in the following manner , VGP1, VGD2, VGD3, VGP4, VGR5, VGD6, ... etc

7. Each area is described in the tabulation found in ENR 5.1-3 to 5.1-10 which indicates its lateral and vertical limits, the type of restriction or hazard involved, the times at which it applies and other pertinent information.

7.1 These areas are also shown on Radio Navigation Charts using the chart symbols shown in the following examples:



The upper and lower limits are shown in the manner indicated

Altitudes are given in feet.

DANGER, RESTRICTED AND PROHIBITED AREAS		
Identification, name and lateral limits	Upper Limit Lower Limit	Remarks (Time of activity, Type of restriction, nature of hazard, risk of interception)
1	2	3
VGD 14 **(CHATTOGRAM, Halishahar)** Area Bounded by lines joining successively by the following points: 222333 N 0914532 E 222048 N 0914532 E 222213 N 0913730 E 223103 N 0914019 E 222333 N 0914532 E	FL 220 GND /Water	Ground to Air firing Active: Date and period of activity will be notified by NOTAM 1) During the period of activity all aircraft flying below FL230 shall avoid the area. (a) Aircraft flying via routs G463 below FL 230 on sector DAK-CTG-DAK should follow the ATS route W14 and (b) Aircraft flying via W5 are to follow the diversion route as given below: CTG-Barishal-CTG: CTG VOR Radial-277-DAKID-296/116 MAG NDB “BL” Upper limit-FL255, Lower limit-3500ft (AMSL), Width-10NM (Bi-directional)
VGR 15 **(DHAKA)** Area Bounded by a circle of 1 (one) NM radius centered at a point 240237 N 0902455 E	3000 ft GND	Active : Permanent
VGR 16 **(CHATTOGRAM)** A circle of half NM radius centered at a point 222233 N 0914609 E Dist. 7.75 NM Bearing 336 from ARP, Chattogram Airport	1500 ft GND	Cold venting of Gas from Gas Installation Centre Active : Permanent

Identification, name and lateral limits	Upper Limit / Lower Limit	Remarks (Time of activity, Type of restriction, nature of hazard, risk of interception)
1	2	3
VGR 19 Area Bounded by lines joining successively the following points : 23 0103N 0920849 E 22 3003N 0921949 E 22 2900N 0921000 E 22 3903N 0914749 E 22 4930N 0914300 E 23 0103N 0920849 E	FL 300 GND	Military Training Flying Active : Permanent
VGR 20 Area Bounded by lines joining successively the following points 220000 N 0915600 E 215110 N 0920404 E 213310 N 0915500 E 213310 N 0913500 E 220000 N 0913500 E 220000 N 0915600 E	FL 220 GND / Water	Military Training Flying Active : Permanent 1)The areas will be active during day light hrs only. 2) Flights via ATS Route W-4 shall be allowed when VGR 20 is not active. 3)South bound flights departing from Shah Amanat Int'l Airport, Chattogram shall establish route G463 by 10 DME from CTG.
VGD 21 Area Bounded by lines joining successively the following points : 212503 N 0913450 E 211703 N 0912250 E 205303 N 0913950 E 210103 N 0915349 E 212503 N 0913450 E	FL 400 Water	No more in operation.
VGP 22 (Dhaka) Area Bounded by lines joining successively the following points : 242032 N 0900250 E 242032 N 0901320 E 241032 N 0901320 E 241032 N 0900250 E 242032 N 0900250 E	FL 060 GND	Active : Permanent
VGR 23 (Kushtia) Area Bounded by lines joining successively the following points : 241102 N 0885750 E 235702 N 0894050 E 233902 N 0894850 E 231503 N 0890051 E 233802 N 0884551 E 241102 N 0885750 E	FL 220 GND/Water	Military Jet Flying Active : H 24

Identification, name and lateral limits	Upper Limit Lower Limit	Remarks (Time of activity, Type of restriction, nature of hazard, risk of interception)
1	2	3
VGR 24 (Jashore) Area Bounded by lines joining successively the following points: 232403 N 0891750 E 233102 N 0893250 E 232503 N 0893650 E 231703 N 0892150 E 232403 N 0891750 E	ALT 3000 ft GROUND /WATER	Military Helicopter Flying Active : H 24
VGR 25 Dhaka/Jashore Area Bounded by lines joining successively the following points: 233703 N 0901750 E 233303 N 0903050 E 231103 N 0904750 E 224103 N 0890151 E 225703 N 0885851 E 233703 N 0901750 E	FL060 GROUND / WATER	Military Jet Flying * Upper limit is 2000 ft (AGL) in the area which falls within Dhaka CTR Active : H 24
VGR 26 (Chattogram/Dhaka) Area Bounded by lines joining successively the following points: 231103 N 0904750 E 223303 N 0911450 E 223303 N 0905950E 220303 N 0905950 E 215303 N 0901950 E 223003 N 0890851 E 224303 N 0890851 E 2301103 N 0904750 E	FL100 GND/ WATER	Military Jet Flying Active : H 24
VGR 27 (Chattogram) Area Bounded by lines joining successively the following points: 223303 N 0911450 E 222003 N 0912350 E 220903 N 0912450 E 220303 N 0905950 E 223303 N 0905950 E 223303 N 0911450 E	FL 60 GROUND/ WATER	Military Jet Flying Active : H 24

Identification, name and lateral limits	Upper Limit Lower Limit	Remarks (Time of activity, Type of restriction, nature of hazard, risk of interception)
1	2	3
VGD 28 (Bandarban) Area Bounded by lines joining successively the following points 221254 N 0920258 E 221317 N 0920324 E 220644 N 0921430 E 220108 N 0921449 E 220136 N 0921223 E 220325 N 0920737 E 220558 N 0920703 E 221254 N 0920258 E	FL 080 GND	Practice firing by Bangladesh Army Active: BTN 0000-1700 daily. In case of any change in height/altitude or operation hour prior NOTAM will be issued.
VGD 29 (Cox's Bazar) Area Bounded by lines joining successively the following points: 211500 N 0920300 E 212400 N 0915100 E 210950 N 0914700 E 205830 N 0920000 E 211500 N 0920300 E	FL 530 GND/WATER	Practice firing by Bangladesh Army Active: Date and period of activity will be notified by NOTAM.
VGD 30 Area bounded by lines joining successively by the following points: 21 20 30N 090 34 00E 21 41 00N 091 14 00E 21 20 30 N 091 28 00E 21 00 00N 090 47 30E 21 20 30N 090 34 00E	FL 100 WATER	Firing by Naval Ship Active: BTN 0000-1600 daily except FRIDAY and SATURDAY.
VGD 31 Area bounded by lines joining successively by the following points: 20 46 00N 090 00 00E 20 58 00N 090 17 00E 20 40 00N 090 38 00E 20 28 00N 090 22 00E 20 46 00N 090 00 00E	FL 400 WATER	No more in operation.
VGD 32 Area bounded by lines joining successively by the following points: 20 07 00N 090 52 00E 20 22 00N 091 06 00E 20 00 00N 091 36 00E 19 44 00N 091 21 00E 20 07 00N 090 52 00E	FL 400 WATER	Firing by Naval Ship Active: BTN 0000-1600 daily except FRIDAY and SATURDAY.

DANGER, RESTRICTED AND PROHIBITED AREAS		
Identification, name and lateral limits	Upper Limit Lower limit	Remarks (Time of activity, type of restriction, nature of hazard, risk of interception)
1	**2**	**3**
VGD 33 Area bounded by lines joining successively by the following points: 20 22 00N 091 06 00E 20 46 30N 091 31 00E 20 24 00N 091 59 00E 20 00 00N 091 36 00E 20 22 00N 091 06 00E	FL 100 WATER	Firing by Naval Ship Active: BTN 0000-1600 daily except FRIDAY and SATURDAY.
VGD 34 Area bounded by lines joining successively by the following points: 21 18 00N 089 31 00E 21 18 00N 089 50 00E 21 04 00N 089 54 00E 21 04 00N 089 34 00E 21 18 00N 089 31 00E	FL 400 WATER	Firing by Naval Ship Active: BTN 0000-1600 daily except FRIDAY and SATURDAY.
VGD 35 Area bounded by lines joining successively by the following points: 20 58 00N 089 34 00E 20 58 00N 089 54 00E 20 34 00N 089 54 00E 20 34 00N 089 34 00E 20 58 00N 089 34 00E	FL100 WATER	Firing by Naval Ship Active: BTN 0000-1600 daily except FRIDAY and SATURDAY.
VGP-36 (Dhaka) Area bounded by a circle of ½ KM radius centred at a point: 234606N 0902330E	ALT2000ft. GND	Prime Minister's Office Active Permanent VGTJ west circuit shall not come under this non flying zone.
VGR-37 **(Rajendrapur)** Area bounded by lines joining successively by the following points: 240500N 0902526E 240525N 0902525E 240525N 0902620E 240500N 0902620E 240500N 0902526E	ALT2000ft. GND	Military Installation Active: H 24 Flying may be conducted in coordination with ATCS and Bangladesh Army.
VGR 38 **(Chattogram)** Area bounded by a circle of 1.5KM radius centred at a point 222515N 0914800E	ALT2000ft. GND	Military Installation Active: H 24 Flying may be conducted in coordination with ATCS and Bangladesh Army.

<table>
<tr><th colspan="3">DANGER, RESTRICTED AND PROHIBITED AREAS</th></tr>
<tr><th>Identification, name and lateral limits</th><th><u>Upper Limit</u>
Lower limit</th><th>Remarks
(Time of activity, type of restriction, nature of hazard, risk of interception)</th></tr>
<tr><td>1</td><td>2</td><td>3</td></tr>
<tr><td>VGR 39
(Rangpur)
Area bounded by a circle of 1.5 km radius and centered at a point:
254500N 0891400E</td><td><u>ALT2000ft</u>.
GND</td><td>Military Installation

Active: H 24
Flying may be conducted in coordination with ATCS and Bangladesh Army.</td></tr>
<tr><td>VGR –40
(BHATIARY, CHATTOGRAM).
Area bounded by lines joining successively by the following points
22 24 00N 091 48 00E
22 20 00N 091 48 00E
22 20 00N 091 52 00E
22 24 00N 091 52 00E
22 24 00N 091 48 00E</td><td><u>ALT2500ft</u>
GND</td><td>Military Installation

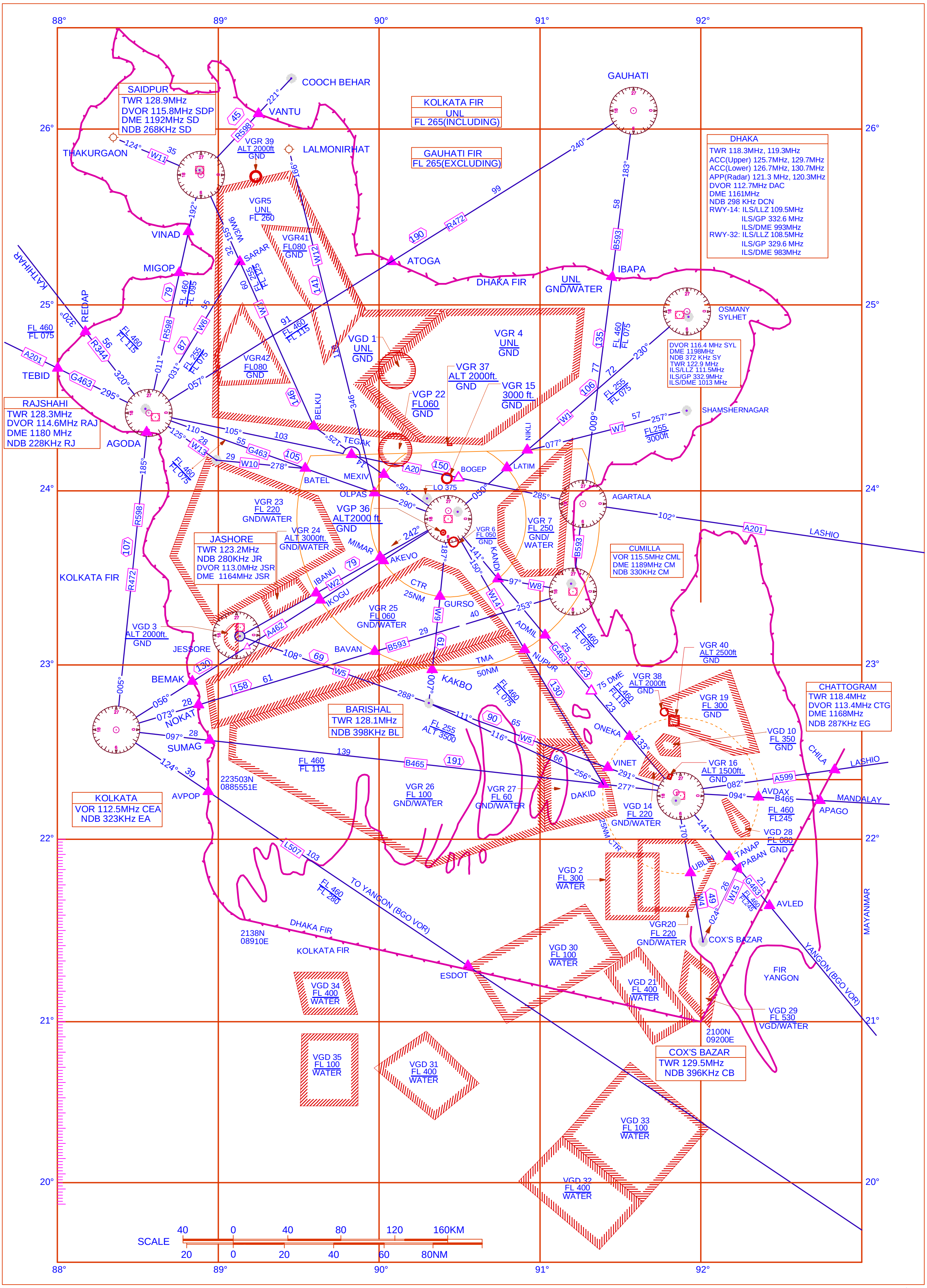
Active: H 24

Flying may be conducted in coordination with ATCS and Bangladesh Army.</td></tr>
<tr><td>VGR-41
(Bogura- Jamalpur- Gaibanda)
Area bounded by lines joining successively by the following points:
252700N 0891630E
252530N 0893800E
250845N 0894700E
245530N 0895500E
243430N 0894430E
245400N 0893430E
250400N 0892830E
251600N 0892200E
252700N 0891630E</td><td><u>FL 080</u>
GND</td><td>Military Training Flying Area

Active: H 24</td></tr>
<tr><td>VGR-42
(Bogura-Natore-Gaibandha)
Area bounded by lines joining successively by the following points:
245800N 0890900E
245200N 0891200E
244700N 0891600E
244000N 0892000E
242800N 0892700E
242700N 0890000E
243830N 0885830E
245800N 0890900E</td><td><u>FL 080</u>
GND</td><td>Military Training Flying Area

Active: H24</td></tr>
</table>

PROHIBITED RESTRICTED AND DANGER AREA - CHART



ENR 5.2 MILITARY EXERCISE AND TRAINING AREAS AND AIR DEFENCE IDENTIFICATION ZONE (ADIZ)

1. General

1.1. Military exercise and training areas are all enclosed within prohibited, restricted or danger areas. These areas including their times of activity are listed in ENR 5.1

2. System and method of activation

2.1. NOTAMs are issued to notify activation of areas which are activated on a non-schedule basis.

2.2. Remarks

Civil aircraft may be allowed to fly within restricted areas established inside TMA & CTR. provided prior co-ordination is effected with military authority.

3. AIR DEFENCE IDENTIFICATION ZONE OVER BANGLADESH

3.1 INTRODUCTION

Bangladesh established an Air Defence Identification Zone (ADIZ) to form the first line of defence against aerial intrusions into Bangladesh airspace as this is vital to the national security. The ADIZ is known as the Bangladesh ADIZ. The ADIZ will cover the airspace over the entire territory of Bangladesh as defined by its international border with India and Myanmar, and will be extended over the adjoining sea to the south as delineated by the following coordinates.

a) 210744.80N 891356.50E
b) 181554.12N 892147.56E
c) 164328.74N 892554.37E
d) 175234.06N 901504.66E
e) 200332.00N 915031.80E
f) 201306.30N 920007.60E

The map shown in ENR 5.2-3 shows the Bangladesh ADIZ boundary.

3.2 PROCEDURE FOR BANGLADESH ADIZ FLIGHTS

All flights of aircraft civil/military, Bangladeshi or foreign originating within the ADIZ and those penetrating the Bangladesh ADIZ shall obtain prior permission and Air Defence Clearance (ADC).

3.2.1 PROCEDURES FOR AIR DEFENCE CLEARANCE

a) Aircraft intending to operate into, through or within the Bangladesh ADIZ shall obtain ADC number from the appropriate ATS unit before takeoff, except that the local flights conducted at any airport within, Dhaka FIR and within the relevant ATZ at or below 1000 ft AGL shall not be required to get ADC number.

b) All aircraft intending to overfly Bangladesh ADIZ or land in any airfield within Dhaka Flight Information Region (FIR) shall obtain ADC 10 minutes before entering the Bangladesh ADIZ. In case of departures from adjacent FIRs, where the prerequisites of 10 minutes advance notice are not feasible, ADC number shall be obtained before departure. The local flights at an airport having Control Zone when required/approved by ATC to operate beyond 05 NM but within the Control Zone shall not be required to get ADC number.

c) ADC number shall be valid for the entire route, irrespective of intermediate halts for flight originating in and transiting through the Bangladesh ADIZ/Dhaka FIR.

d) When departure is delayed by more than 02 (two) hours at the aerodrome of departure or at intermediate halts, a fresh ADC number shall be obtained.

e) In the event of communication difficulties at the place of departure, or delay in receipt of ADC number, the aircraft equipped with appropriate radio equipment may be allowed to take off with instructions to obtain ADC number immediately after airborne from the appropriate ATS unit.

f) General Aviation/Chartered aircraft intending to operate to and from an airfield where no Air Traffic Services are available, shall obtain ADC number from the nearest BAF ATC Unit. The BAF ATC Unit will advise the appropriate ATS unit regarding the movement of that aircraft.

g) For the time being domestic flights and flights of state aircraft and general aviation aircraft of Bangladesh shall not be required to obtain ADC number.

h) Flight operating on ATS routes P646, M895, M770, L524 and W112 shall not be required to obtain ADC number unless deviated towards the land mass of Bangladesh.

i) Aircraft approaching Bangladesh ADIZ off the ATS routes shall provide the estimated time over the ADIZ boundary at least 10 minutes in advance.

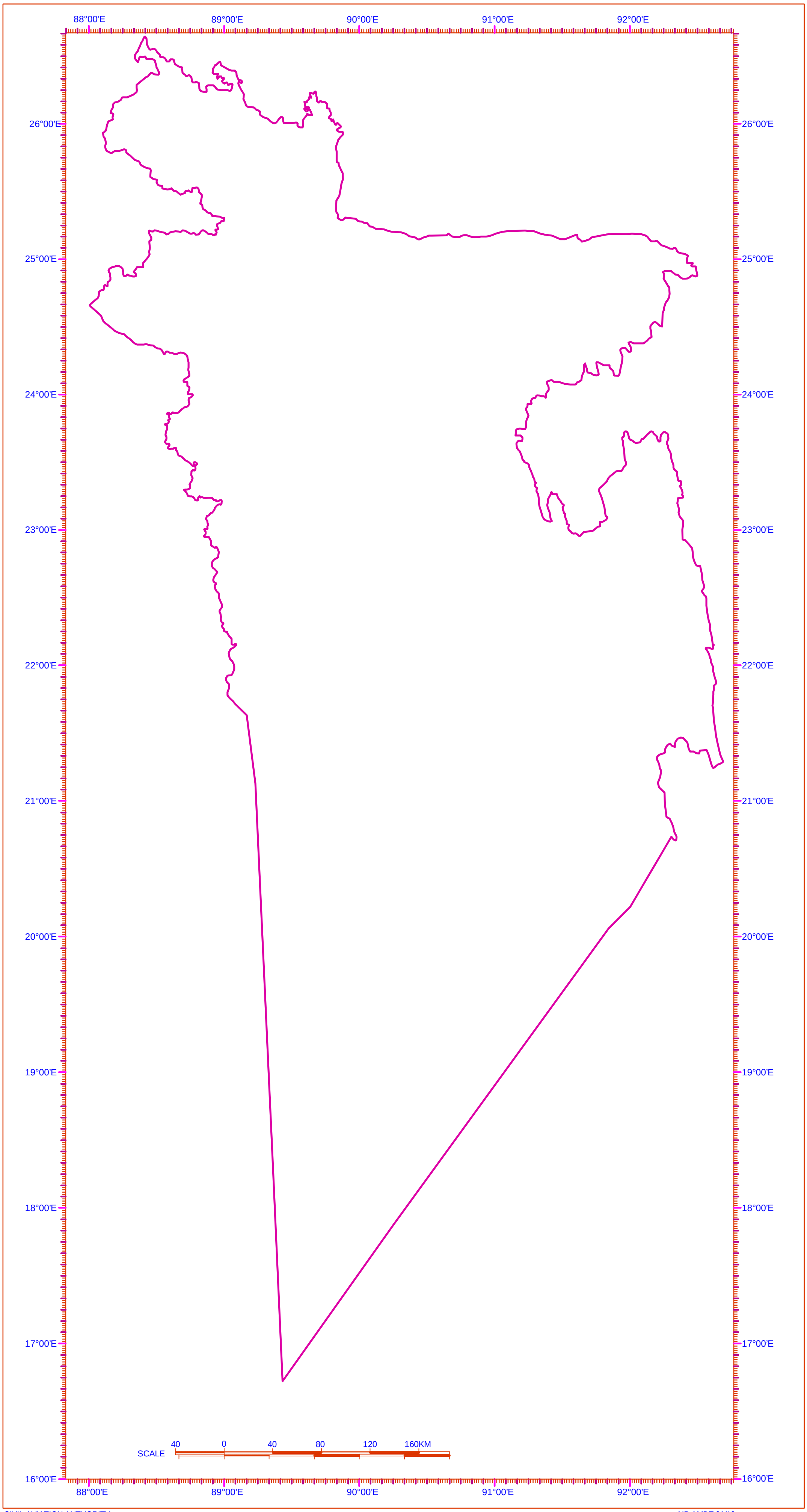
j) If unable to establish and maintain radio communication with appropriate ATS unit, the pilot shall contact the nearest Air Defence Unit on 6826 Hz/500 Hz for positive identification prior to entering Bangladesh ADIZ.

k) Aircraft flying without a valid ADC number or failing to comply with any restriction or deviating from flight plan will be liable to interception by Bangladesh Air Force Interceptor aircraft according to ICAO Standard Interception Procedure.

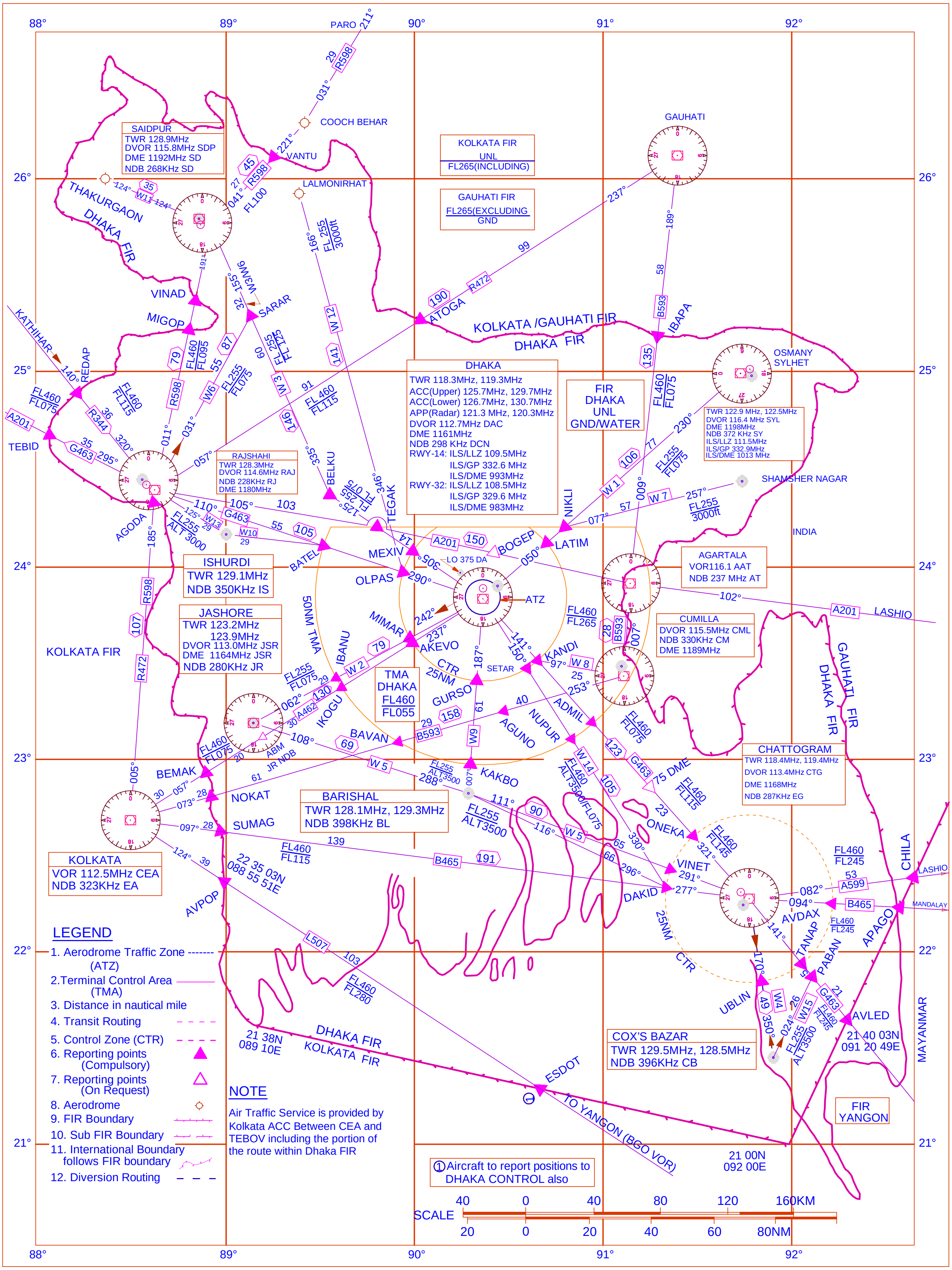
l) Aircraft intending to operate into, through or within Bangladesh ADIZ shall obtain ADC number from the following contact details:

Telephone	: +880 2 8901081
Fax	: +880 2 8901364
Mobile	: +8801769993467
E-mail	: adnc@baf.mil.bd
AFTN	: VGHSZQZX
HF	: 6826 Hz/500 Hz

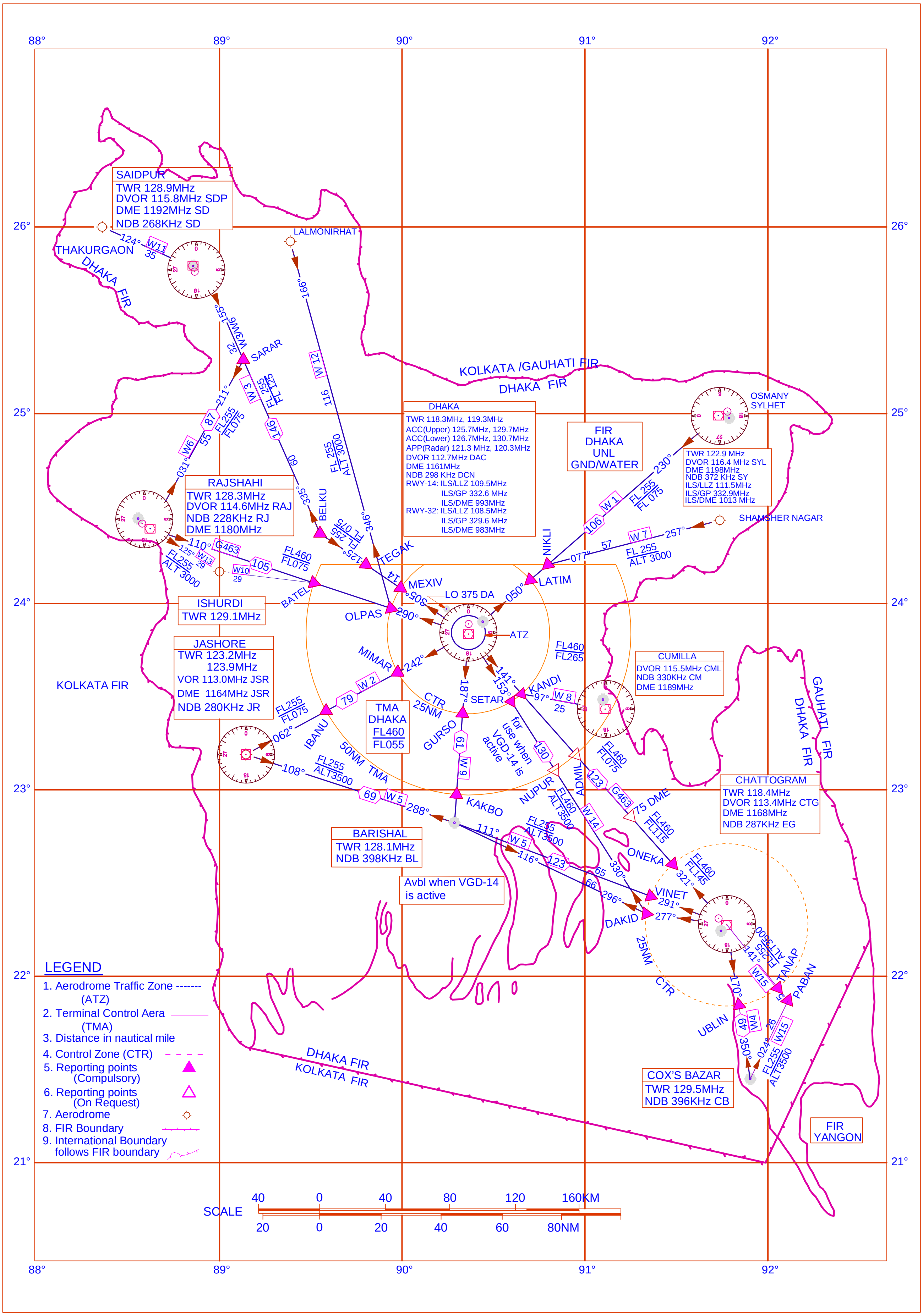
BANGLADESH AIR DEFENCE IDENTIFICATION ZONE



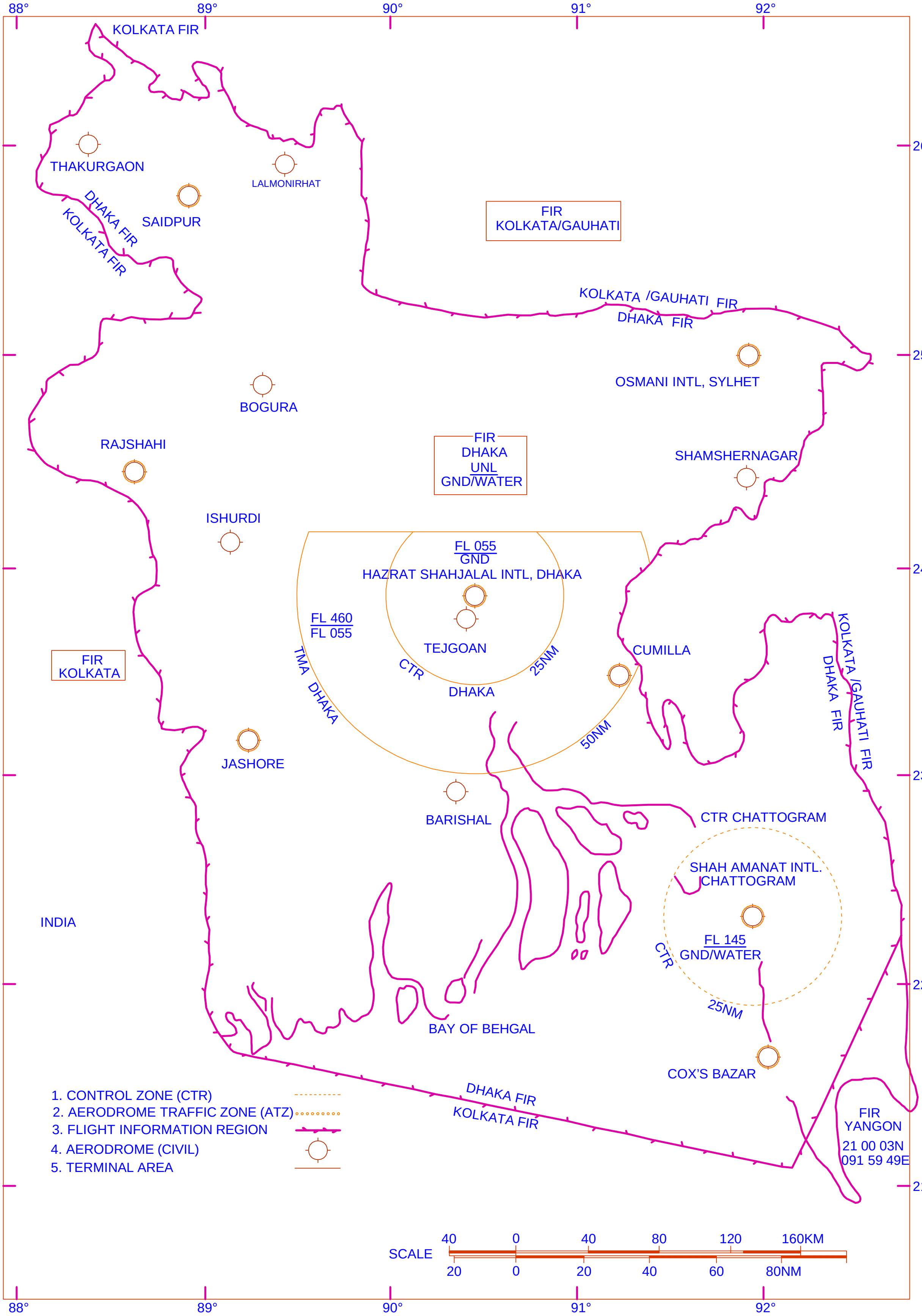
INTERNATIONAL & DOMESTIC ATS ROUTES



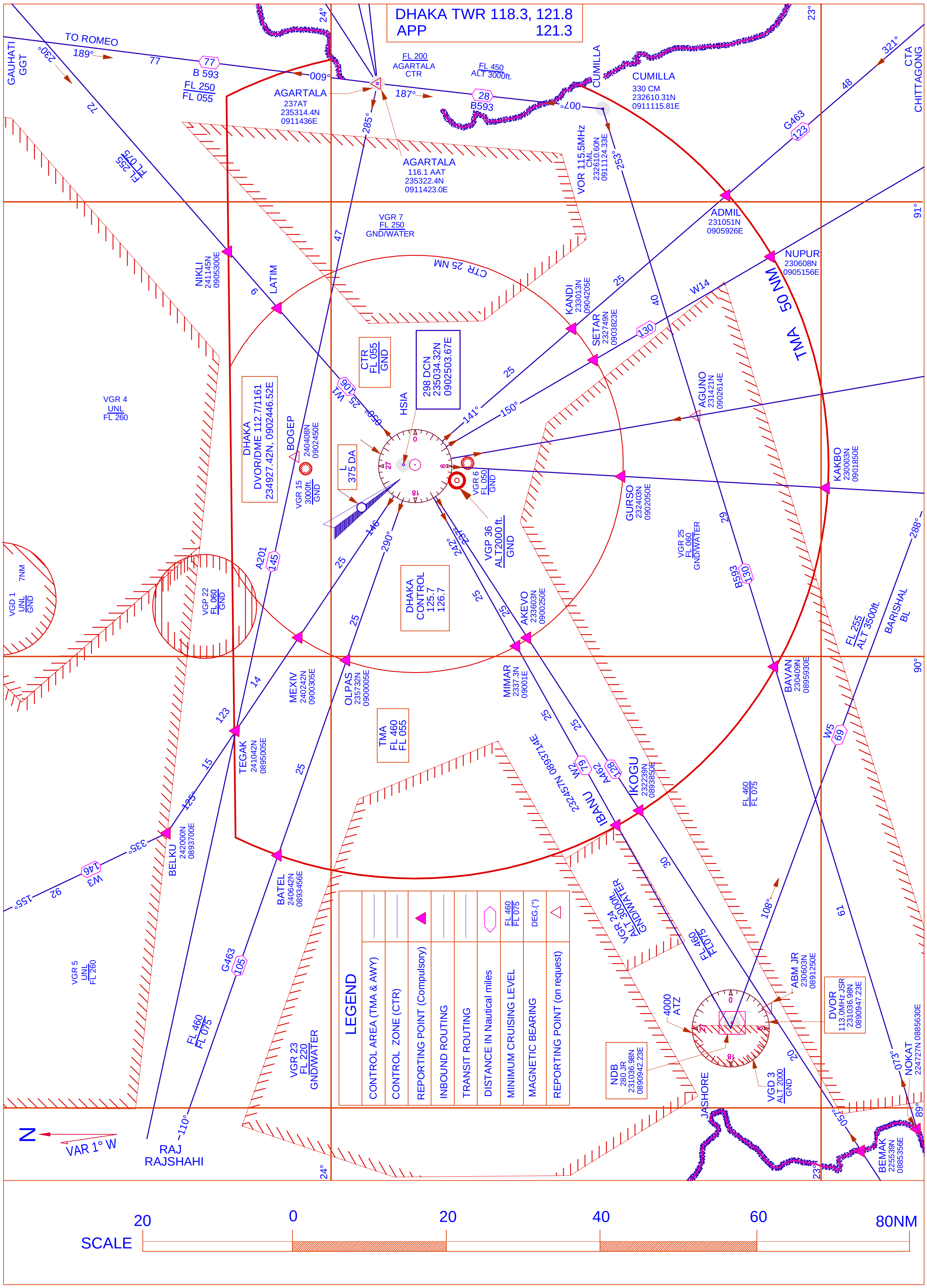
DOMESTIC ATS ROUTES IN BANGLADESH



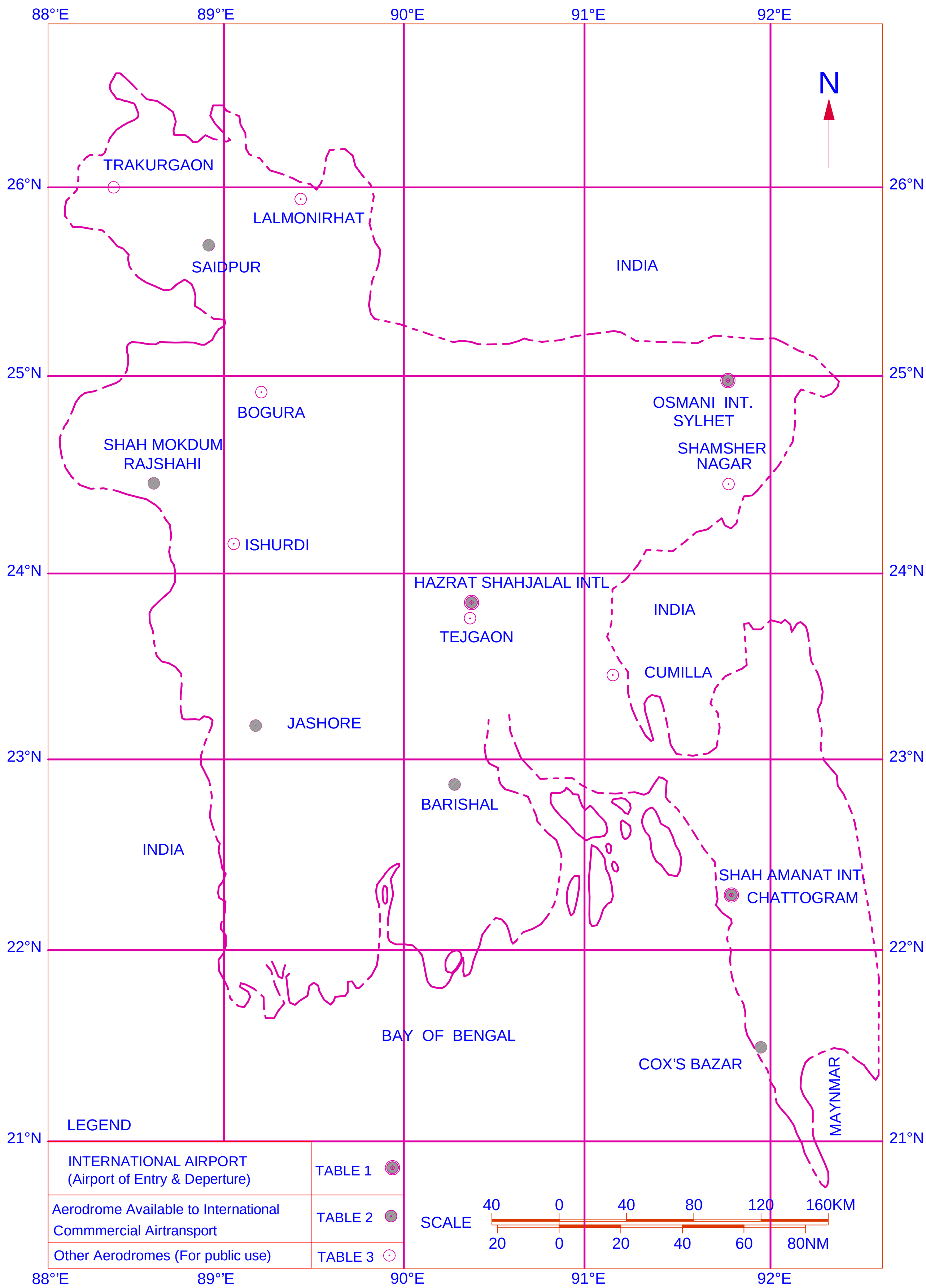
FLIGHT INFORMATION REGION, TMA, CONTROL ZONES AERODROME TRAFFIC ZONES AND AERODROMES



DHAKA TERMINAL CONTROL AREA



AERODROME INDEX



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	4000 ft AMSL
6	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	4000 FT
3	Airspace Classification	C
4	ATS Unit call sign Language	Dhaka Tower English
5	Transition altitude	4000 FT AMSL
6	Remarks	Nil

VGHS AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
ACC	Dhaka Control	125.7 MHz	FM 1400 to 0200 UTC (next day)	EMERG FREQ 121.5MHz
ACC (Upper)	Dhaka Control	PRI 125.7 MHz SRY 129.7 MHz	FM 0200 to 1400 UTC	FL285 TO FL460
ACC (Lower)	Dhaka Control	PRI 126.7 MHz SRY 130.7 MHz	FM 0200 to 1400 UTC	GND TO FL285
TWR (Aerodrome and Approach Control (Non–Radar)	Dhaka Tower	PRI 118.3 MHz SRY 119.3 MHz	H24	EM: A3
APP (Radar)	Dhaka Approach	PRI 121.3 MHz SRY 120.3 MHz	H24 except Saturday On Saturday BTN 0800–1400 NOT avbl	Jurisdiction: Dhaka Control Zone and part of Dhaka TMA upto FL 155
SMC	Dhaka Ground	121.8 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	127.4 MHz	H24	Nil

VGHS AD 2.19 RADIO NAVIATION AND LANDING AIDS

Type of aid	Ident	Freq	Opr hr	Coordinates	Elev of DME Transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	DAC	112.7 MHz	H24	234927.42N 0902446.52E	50ft AMSL	144 ^{0} MAG, 1012 M FM THR RWY 32 EM: A2
DME	DAC	1161 MHz	H24	234927.42N 0902446.52E	50ft AMSL	144^0 MAG, 1012 M FM THR RWY 32 EM: A9
NDB	DCN	298 KHz	H24	235034.32N 0902503.67E	100ft AMSL	046^0 MAG, 1795 FM THR RWY 32 EM: A2
ILS/LLZ RWY 14	IDA	109.5MHz	H24	234940.04N 0902436.49E		145^0 MAG, 550m FM THR RWY 32 EM: A2
ILS/GP RWY 14	-	332.6 MHz	H24	235112.67N 0902328.62E	50 ft	Glide slope 3^0, 130M off set to east of Rwy central line and 300M inward FM Rwy THR 14. RDH 52ft, EM:A3
ILS/DME RWY 14	-	RX-1056 MHz, RPLY-993 MHz	H24	235112.67N 0902328.62E		Co-located With GP-14
LO	DA	375 KHz	H24	235558.39N 0901936.52E		324^0 MAG, 5.8NM FM THR RWY 14 EM:A2
ILS/LLZ RWY 32	DHA	108.5MHz	H24	235126.7N 0902312.0E		324^0 MAG AND 310m FM THR RWY 14 EM: A2
ILS/GP RWY 32	-	329.6 MHz	H24	235004.59N 0902422.75E	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	235004.59N 0902422.75E		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. 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, during the period from December to May of the year. Bird shooters are posted 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.

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	234927.42N 902446.52E	143.86	2611	50	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	234555.71N 902523.47E	163.29	9001	453	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 N 902453.10 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.	Bulu Ocen 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.	Gulshan Vill, 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.	Misami Bitopi, 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 Bhaban Agargaon.	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.	Bijoy Sharoni, 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.

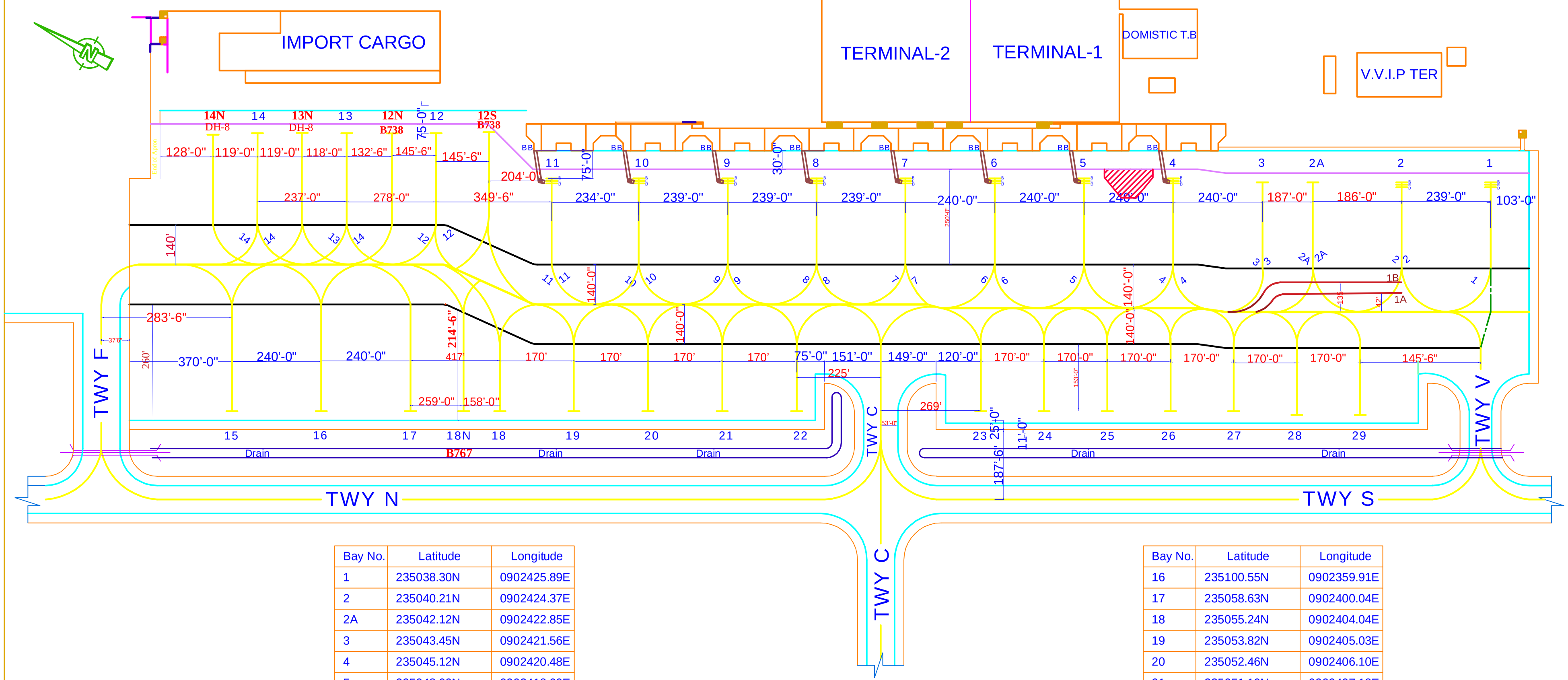
DEPARTURE RUNWAY 14

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 242 radial.
		IBANU ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept 242 radial.
G463	BATEL	BATEL ONE	Maintain Runway heading to 1000 ft then turn right and cross radial 175 at or above 2000 ft to intercept 290 radial.
		BATEL 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 187 radial.
		KAKBO ONE ALFA	Maintain Runway heading to 2000 ft then turn right to intercept 187 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.

HAZRAT SHAHJALAL INTERNATIONAL AIRPORT, DHAKA

AIRCRAFT PARKING / DOKING CHART

MAGNETIC VARIATION 1° W



Bay No.	Latitude	Longitude
1	235038.30N	0902425.89E
2	235040.21N	0902424.37E
2A	235042.12N	0902422.85E
3	235043.45N	0902421.56E
4	235045.12N	0902420.48E
5	235048.00N	0902418.00E
6	235048.95N	0902417.40E
7	235050.87N	0902415.88E
8	235052.79N	0902414.35E
9	235054.71N	0902412.83E
10	235056.62N	0902411.31E
11	235058.53N	0902409.79E
12	235100.86N	0902409.51E
13	235102.40N	0902408.28E
14	235104.24N	0902406.18E
15	235102.47N	0902358.38E

Bay No.	Latitude	Longitude
16	235100.55N	0902359.91E
17	235058.63N	0902400.04E
18	235055.24N	0902404.04E
19	235053.82N	0902405.03E
20	235052.46N	0902406.10E
21	235051.10N	0902407.18E
22	235049.74N	0902408.26E
23	235045.78N	0902411.41E
24	235044.42N	0902412.49E
25	235043.06N	0902413.57E
26	235041.71N	0902414.64E
27	235040.34N	0902415.72E
28	235037.61N	0902417.89E
29	235036.96N	0902418.54E
1A	235037.80N	0902421.90E
1B	235038.34N	0902422.80E

AERODROME OBSTACLE CHART-ICAO

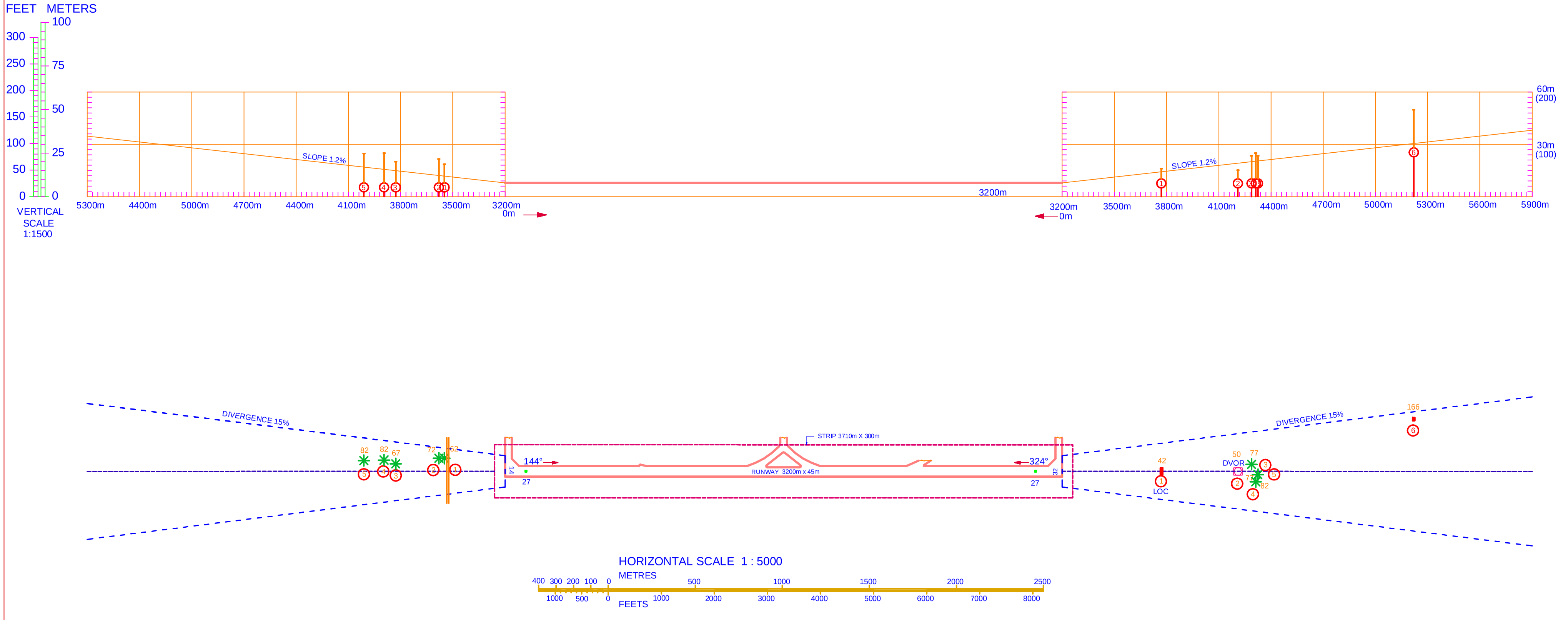
TYPE A (OPERATING LIMITATIONS)

HAZRAT SHAHJALAL INTERNATIONAL AIRPORT, DHAKA

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

RWY 14/32

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



LEGEND	PLAN	PROFILE
IDENTIFICATION NUMBER	1	1
TREE		
BUILDING/LOCALIZER		
POLE/TOWER/ANTENNA		
RWY ELEV(SPOT)		

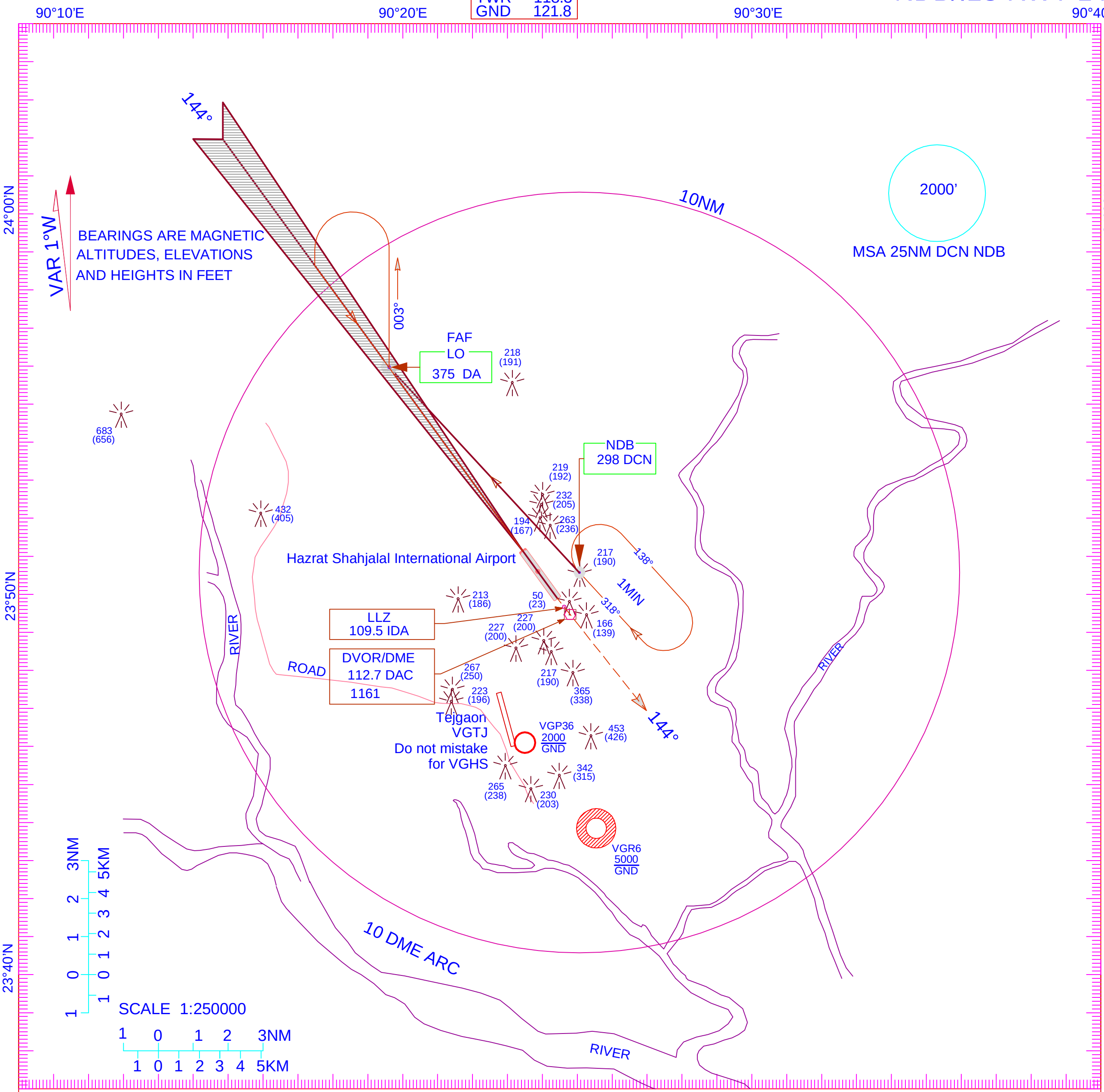
AMENDMENT RECORD		
NR	DATE	ENTERED
01	03 JUN 2010	28 APR 2010
02	28 MAR 2019	

INSTRUMENT APPROACH CHART-ICAO

ELEV 27 FT
HEIGHTS RELATED TO AD ELEV

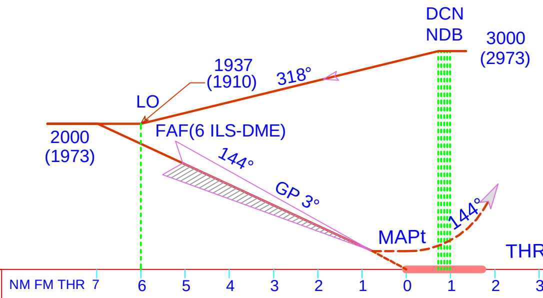
ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
NDB/ILS RWY 14



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

ILS RDH 52ft



MISSED APPROACH

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

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

CATEGORY OF ACFT		A	B	C	D	
OCA (H)	Full	230 (203)	240 (213)	250 (223)	261 (234)	
	GP out	350(323)				
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	Min	2:52	2:54	2:19	1:56

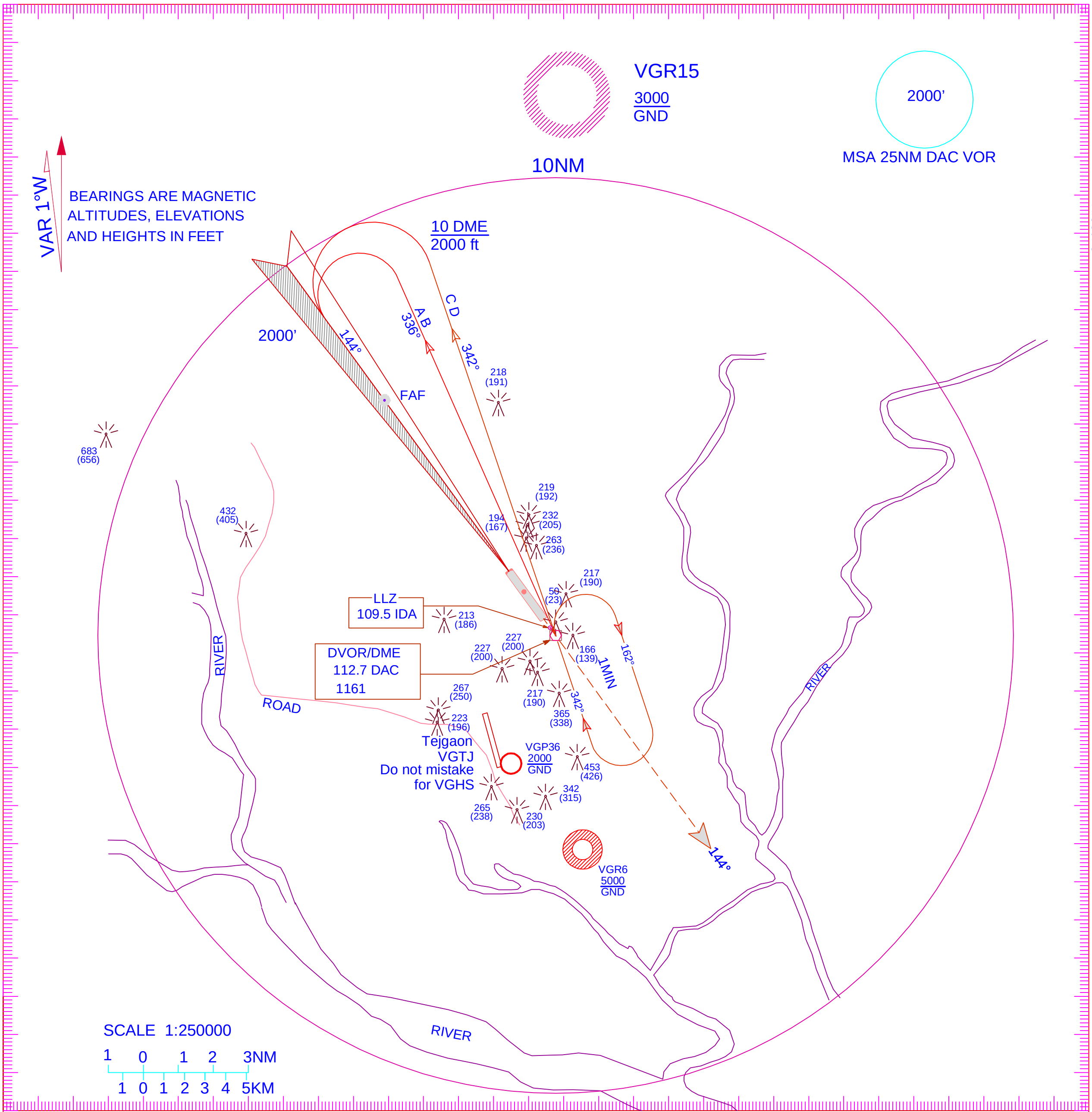
CHANGE: Middle Marker & Outer Marker Removed

INSTRUMENT APPROACH CHART-ICAO

ELEV 27 FT
HEIGHTS RELATED TO AD ELEV

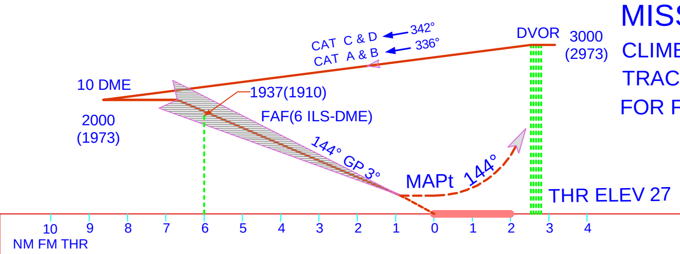
ATIS	127.4
ACC(U)	125.7
ACC(L)	126.7
APP	121.3
TWR	118.3
GND	121.8

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



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

ILS RDH 52ft



MISSED APPROACH

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

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

CATEGORY OF ACFT			A	B	C	D
OCA (H)		Full	230 (203)	240 (213)	250 (223)	261 (234)
		GP out	350(323)			
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	2:52	2:54	2:19	1:56

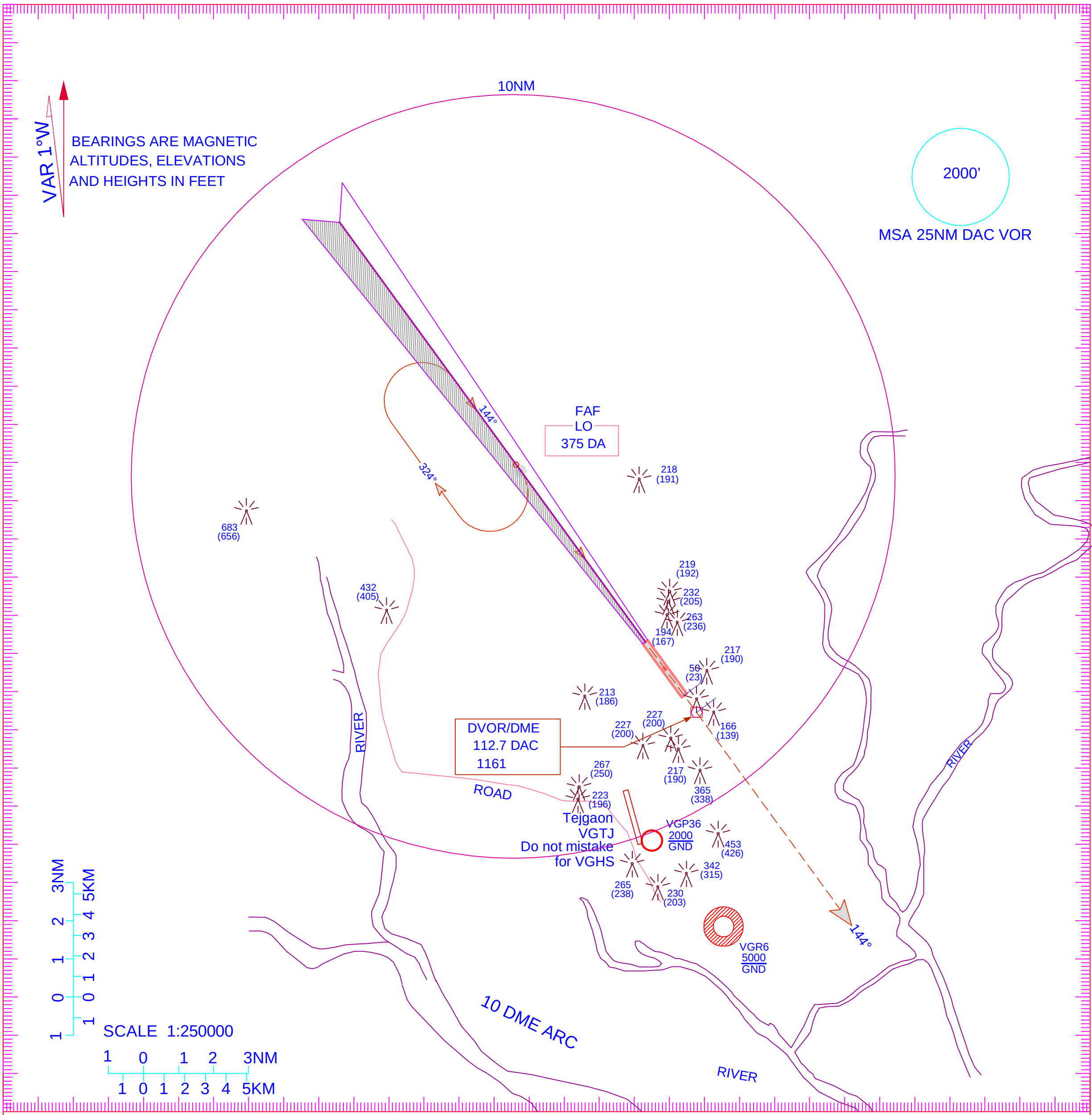
CHANGE: Middle Marker & Outer Marker Removed

INSTRUMENT APPROACH CHART-ICAO

ELEV 27 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

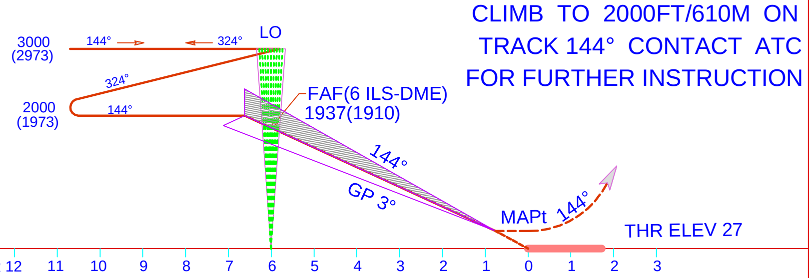
DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
DA/ILS Rwy 14



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

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

ILS RDH 52ft



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

CATEGORY OF ACFT			A	B	C	D
OCA (H)		Full	230 (203)	240 (213)	250 (223)	261 (234)
		GP out	350(323)			
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

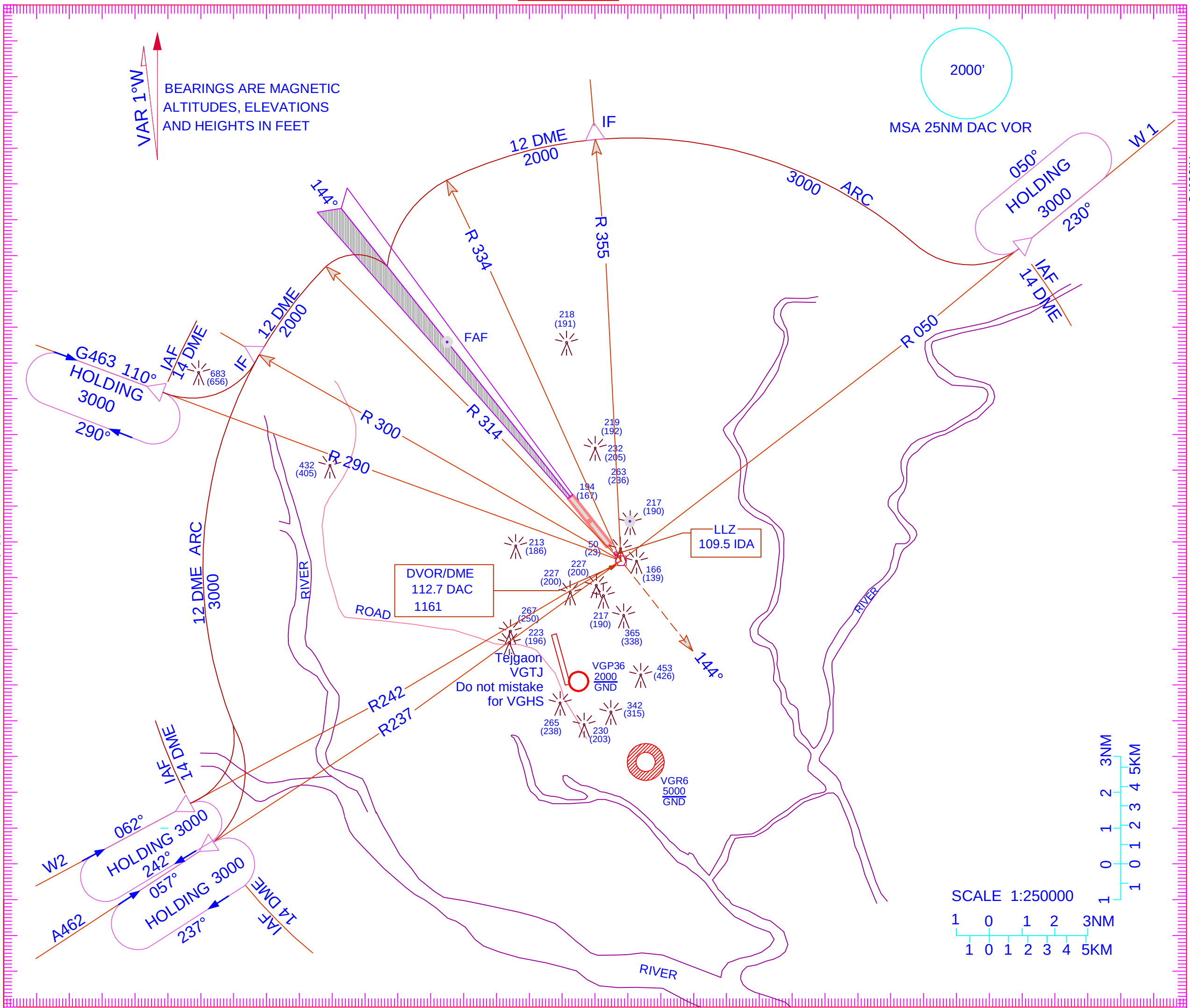
CHANGE: Middle Marker & Outer Marker Removed

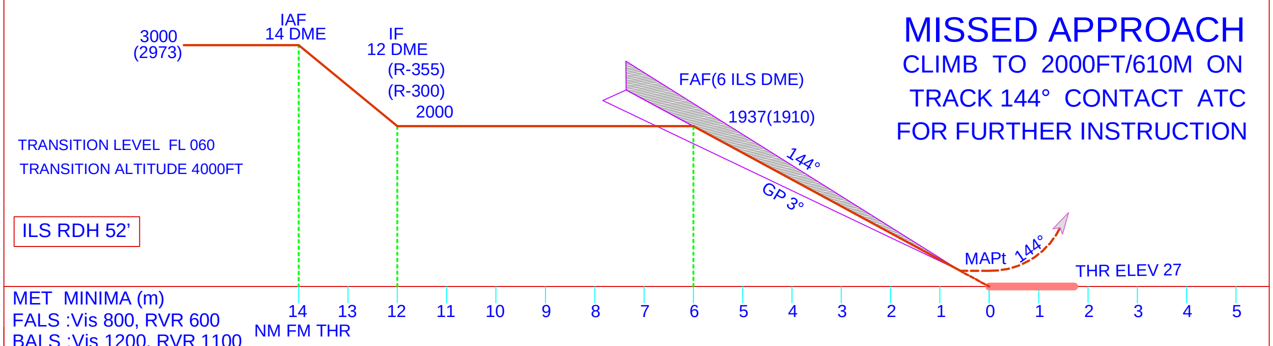
INSTRUMENT
APPROACH
CHART-ICAO

ELEV 27 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

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

CATEGORY OF ACFT			A	B	C	D
OCA (H)	Full		230(203)	240(213)	250(223)	261(234)
	GP out		350(323)			
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 descent/GS	Ft/min	480	635	795	955
FAF TO THR14	Minits	3:52	2:54	2:19	1:56

CHANGE: Middle Marker & Outer Marker Removed

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.	NDB Mast	22°15'10.30" N 91°49'32.85" E	141°	593	65.17	YES
6.	DVOR Mast	22°15'27.90" N 91°49'38.98" E	081°	556	43.77	YES
7.	GCA Radar	22°15'11.21" N 91°48'54.80" E	239°	833	61.67	NO
8.	Boat Club	22°15'54.95" N 91°49'44.84" E	038°	1167	75.08	YES
9.	C&E Squadron Building	22°15'29.86" N 91°49'01.47" E	285°	557	134.08	YES
10.	Robi Antenna, Laldiarchar	22°15'25.77" N 91°49'47.71" E	089°	796	125.08	YES
11.	Grameen Antenna, Bijoy Nagar	22°14'53.65" N 91°49'27.20" E	168°	1000	150.05	YES
12.	Radar Mast, Naval Academy	22°13'38.22" N 91°48'01.88" E	214°	3982	180.05	YES
13.	High Tension Grid Line, Salt Gola Crossing	22°18'11.82" N 91°47'47.90" E	332°	5760	343.52	YES
14.	High Tension Grid Line, Char Lakkha	22°18'04.96" N 91°48'13.40" E	339°	5260	338.82	YES
15.	BTCL Tower, T&T Head Office	22°19'29.18" N 91°48'41.15" E	351°	7575	393.78	YES
16.	Radisson Blue	22°20'54.18" N 91°49'23.15" E	0.52°	10112	353.65	YES
17.	BTCL Tower, Paradise Hill	22°20'20.33" N 91°50'02.89" E	007°	9167	409.94	YES
18.	Wide Mobile Tower, Crossing, Patia	22°17'34.99" N 91°52'22.51" E	052°	6575	211.63	YES
19.	Prilling Tower, Anwara	22°13'03.21" N 91°49'37.68" E	173°	4389	278.03	YES
20.	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
21.	AWOAS Antenna, SAIA, Patenga, Chattogram.	22°15'20.45" N	91°49'19.24" E	48.25	14.71
22.	Naval Hanger, SAIA, Airport road, South Patenga, Chattogram.	22°15'15.22" N	91°49'26.08" E	54.72	16.68
23.	Mobile Tower, BAF Shaheen College, Airport road, Patenga, Chattogram	22°15'56.60" N	91°48'51.58" E	110.07	33.55
24.	Baraka Patenga Power Ltd., Chinees Gate, Patenga, Chattogram.	22°14'19.24" N	91°48'47.26" E	116.08	35.38
25.	Academic Building BangaBondhu Complex, Naval Academy, Patenga, Chattogram.	22°13'46.68" N	91°48'01.44" E	131.75	40.15
26.	PDB Tower, Inside TSP Complex Area, EPZ, Chattogram.	22°16'22.32" N	91°47'50.80" E	146.87	44.76
27.	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
28.	Mobile Tower at Steel Mill Bazar, Narikel Tala, Patenga, Patenga, Chattogram.	22°16'32.71" N	91°47'09.82" E	144.21	43.95
29.	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
30.	CO_2Stripper, ChattogramUreaFertilizerLtd., Anwara, Anwara, Chattogram.	22°12'55.83" N	91°49'36.20" E	249.50	76.04
31.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'14.40" N	91°50'53.18" E	102.82	31.34
32.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'17.66" N	91°50'46.81" E	115.57	35.23
33.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'20.66" N	91°50'39.78" E	99.21	30.24
34.	High Tension Grid Line, Approch Fanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'23.66" N	91°50'33.60" E	107.94	32.90
35.	High Tension Grid Line, Approch Fanel 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

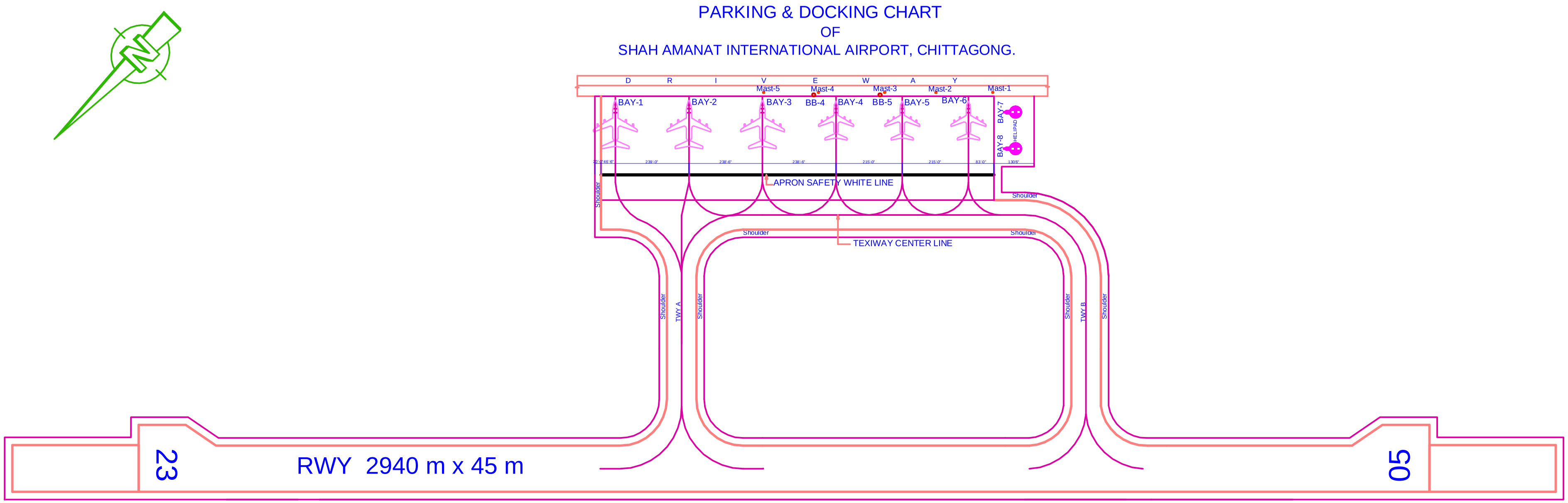
VGEG AD 2.24 CHARTS RELATED TO SHAH AMANAT INTERNATIONAL AIRPORT, CHATTOGRAM

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

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

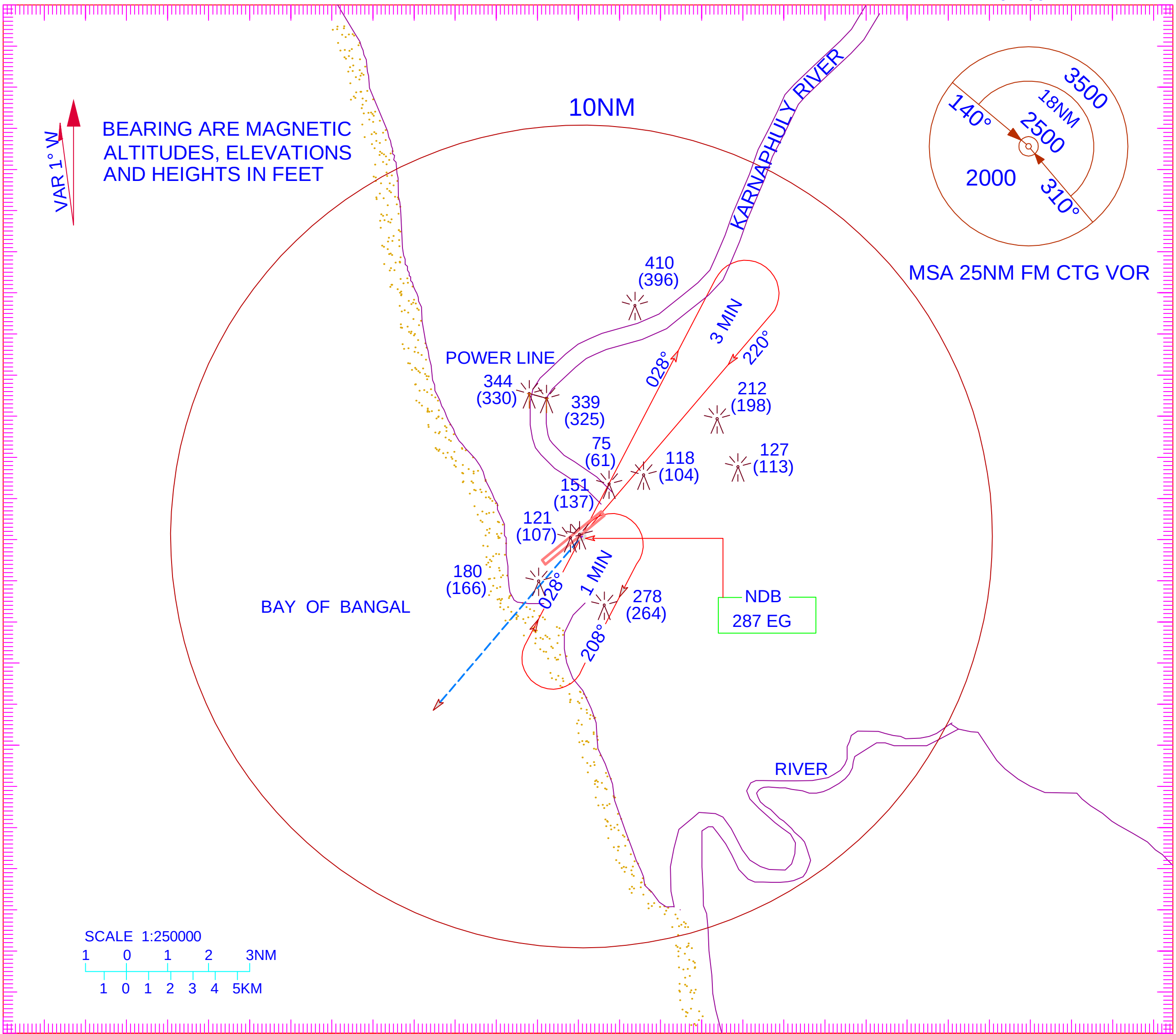
BB 4-22°14’46.98"N, 091°48’51.72"E
BB 5-22°14’45.60"N, 091°48’51.12"E

INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 14FT
HEIGHTS RELATED
TO AD ELEV

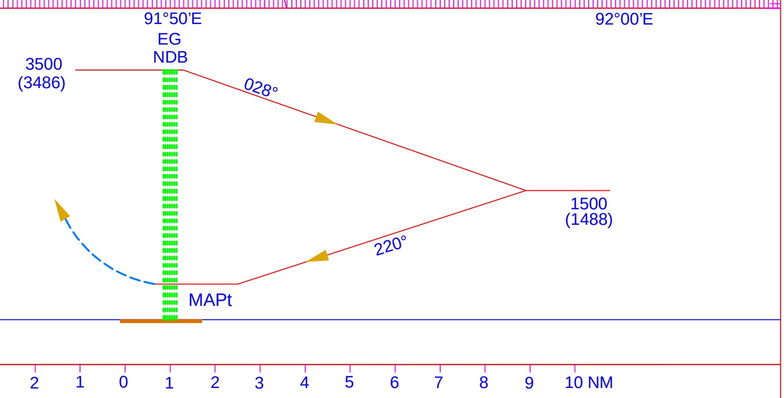
TWR 118.4(PRI)
119.4(SRY)

CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
NDB Rwy 23



TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT

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



CATEGORY OF ACFT		A	B	C	D
OCA (H)		470(456)			
Speed	KNOTS	<91	91-120	121-140	141-165
Met Minima (With full Facilities)	VIS(m)	1600	2000	2400	2400

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

CHANGE: MSA

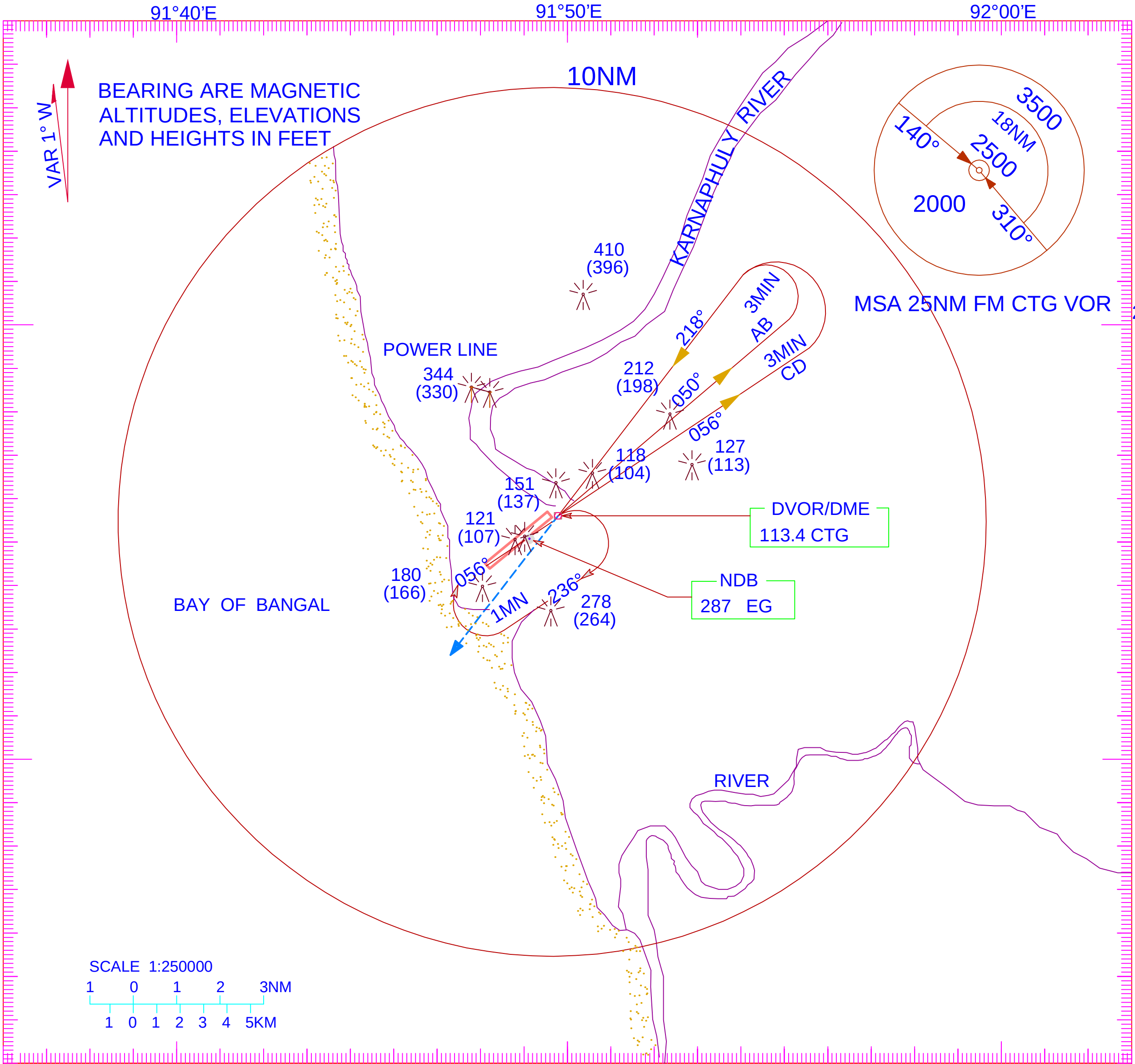
INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 14FT
HEIGHTS RELATED
TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

CHATTOGRAM, BANGLADESH

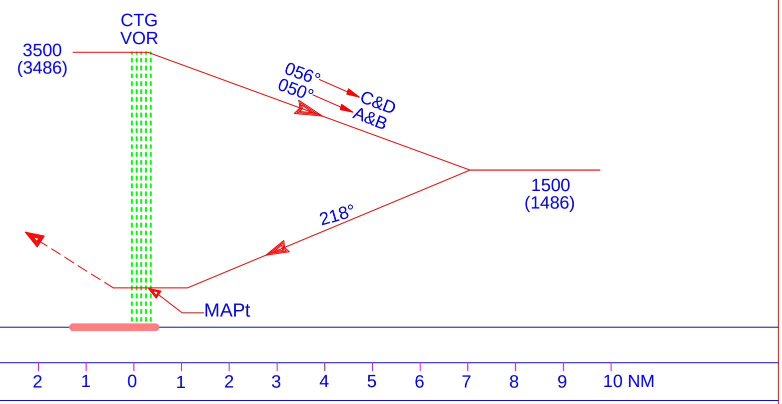
SHAH AMANAT INT'L. AIRPORT
VOR Rwy 23



TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

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



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.

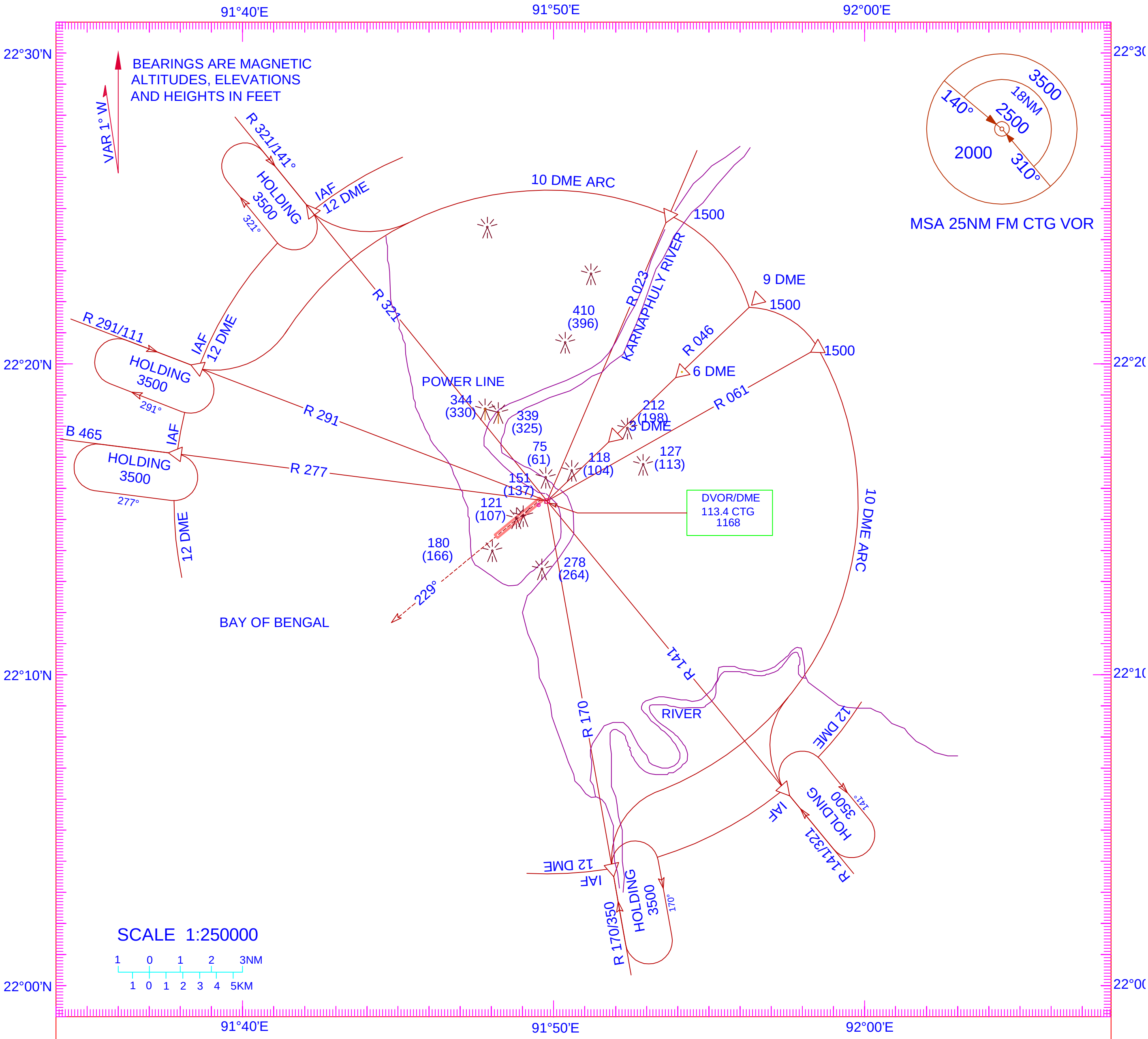
CHANGE: MSA

INSTRUMENT APPROACH CHART-ICAO

ELEV 14 FT
HEIGHTS RELATED TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

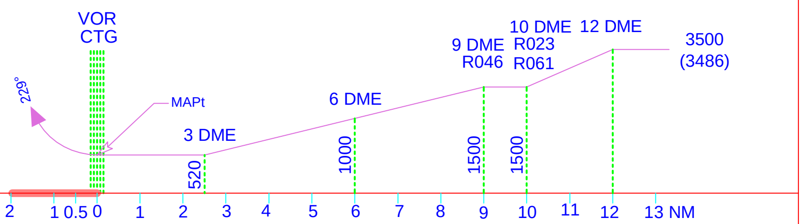
CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
VOR DME-ARC Rwy 23



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 2000FT/610M ON TRACK 229° 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

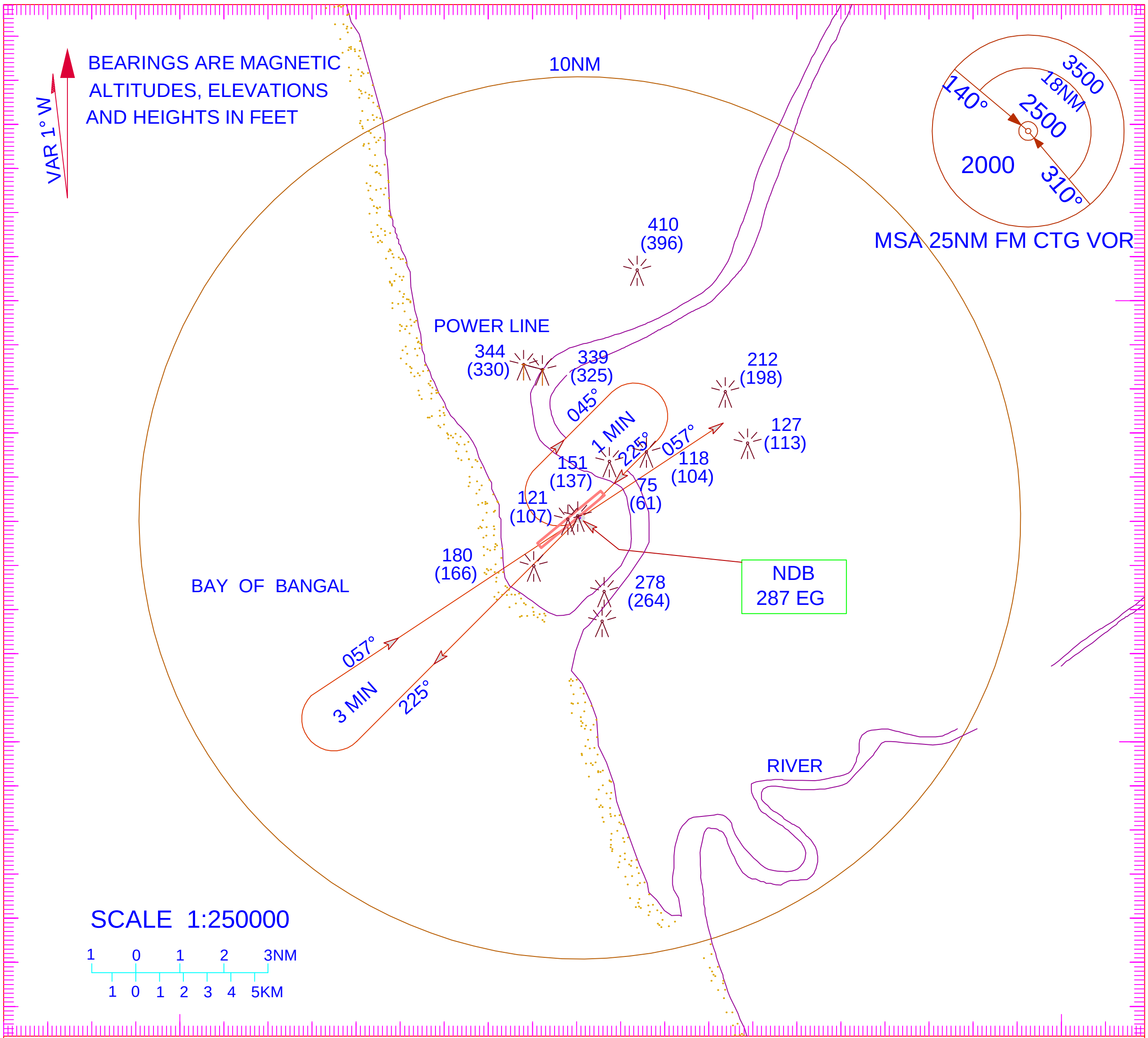
CHANGE: MSA

INSTRUMENT APPROACH CHART-ICAO

ELEV 14FT
HEIGHTS RELATED TO AD ELEV

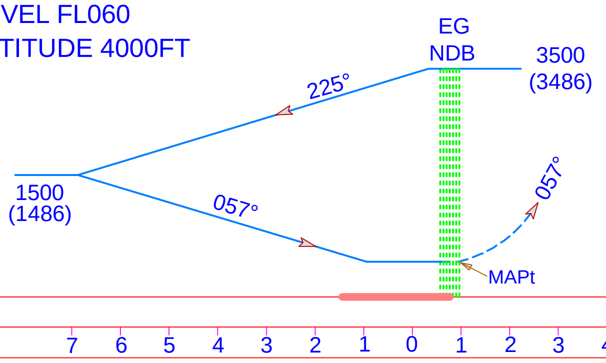
TWR 118.4(PRI)
119.4(SRY)

CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
NDB Rwy 05



91°40'E 91°50'E 92°00'E

TRANSITION LEVEL FL060
TRANSITION ALTITUDE 4000FT



MISSED APPROACH
CLIMB TO 1500FT/457M ON TRACK 057° CONTACT ATC FOR FURTHER INSTRUCTION

CHANGE: MSA

CATEGORY OF ACFT		A	B	C	D
OCA (H)		430(416)			
Speed	KNOTS	<91	91-120	121-140	
Met Minima (Basic facilities)	VIS(m)	1600	2000	2400	2800

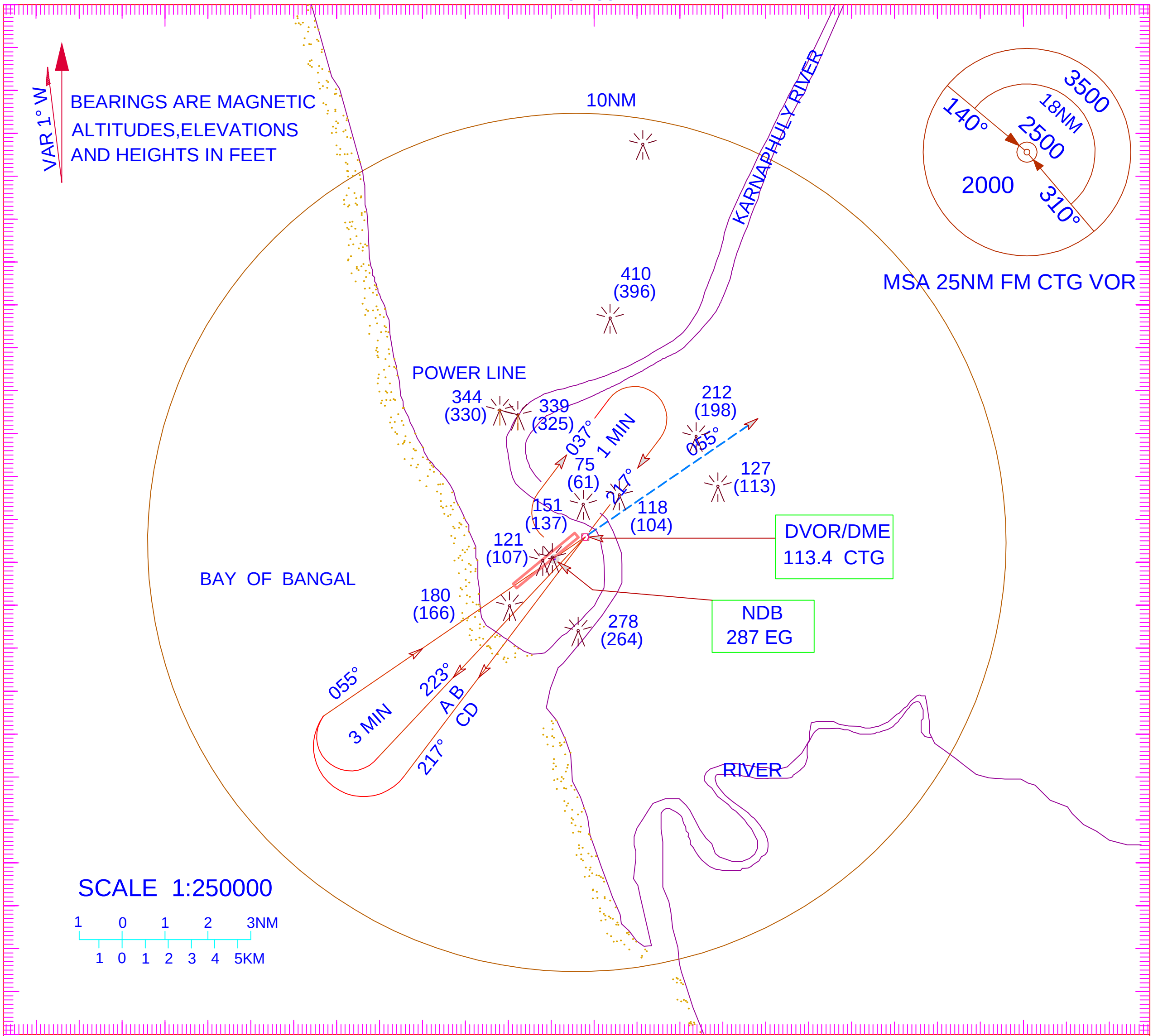
NOTE :-
CAUTION FOR PASSING SHIPS AT THE APPROACH AREA RWY 05 MAST HEIGHT 150FT AMSL APRX

INSTRUMENT APPROACH CHART-ICAO

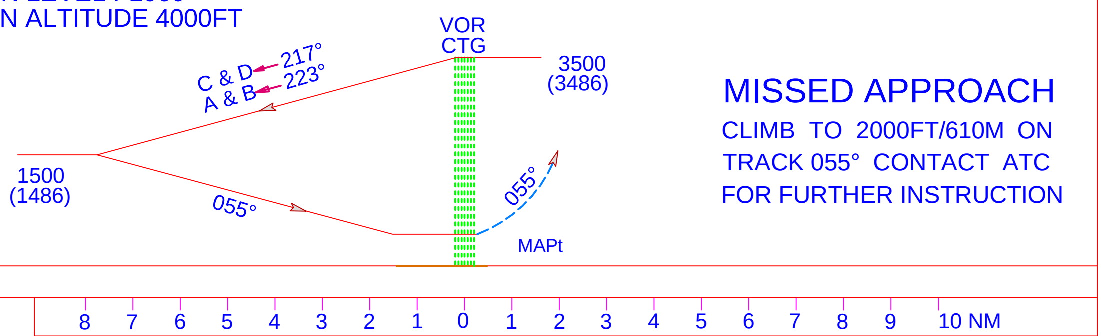
ELEV 14FT
HEIGHTS RELATED TO AD ELEV

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

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.

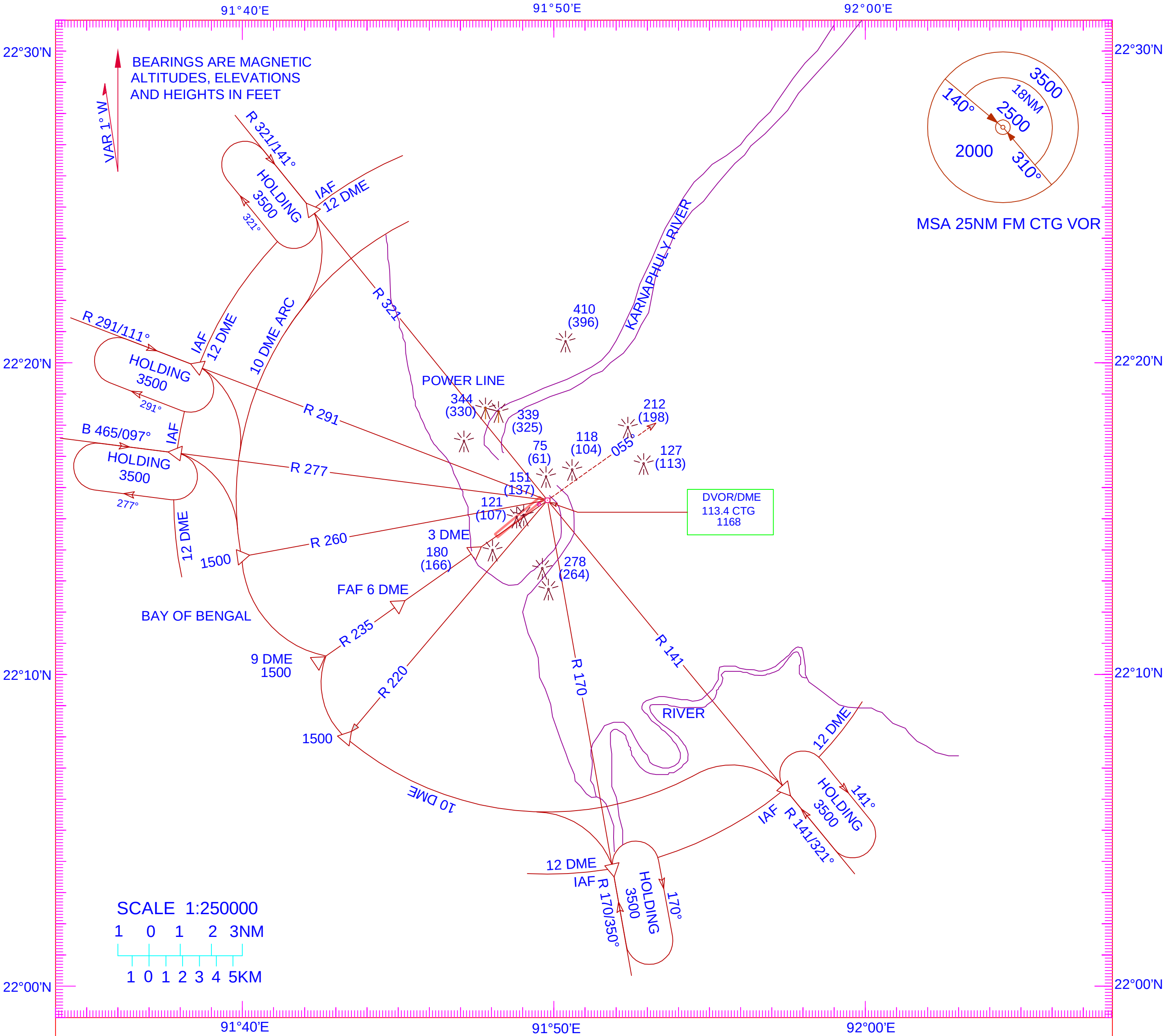
CHANGE: MSA

INSTRUMENT APPROACH CHART-ICAO

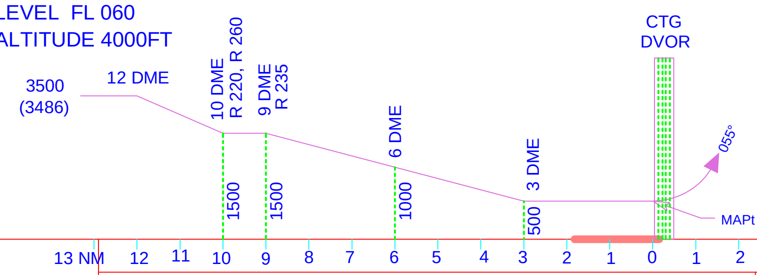
ELEV 14 FT
HEIGHTS RELATED TO AD ELEV

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

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

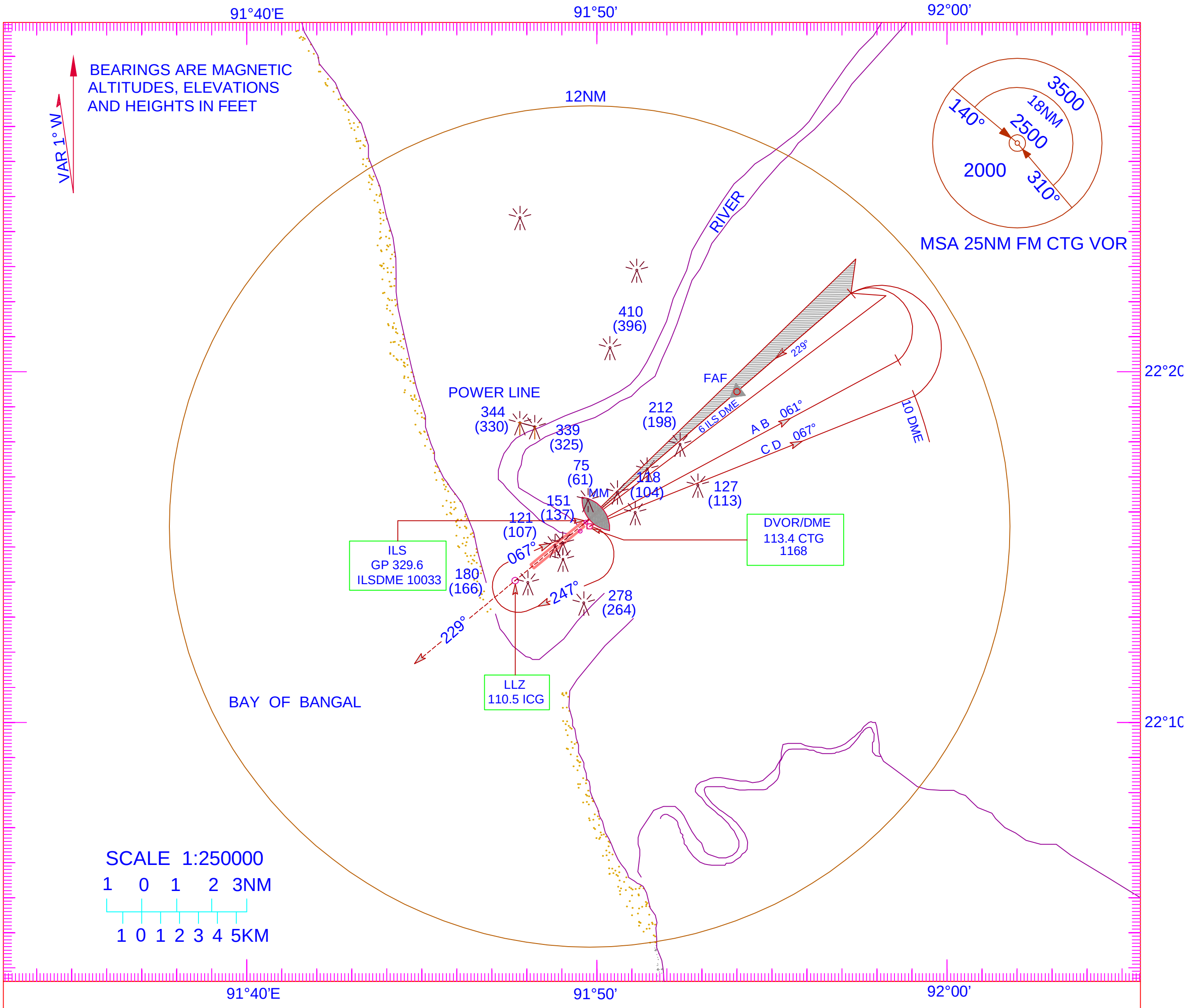
CHANGE: MSA

INSTRUMENT
APPROACH
CHART-ICAO

ELEV 14 FT
HEIGHTS RELATED
TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

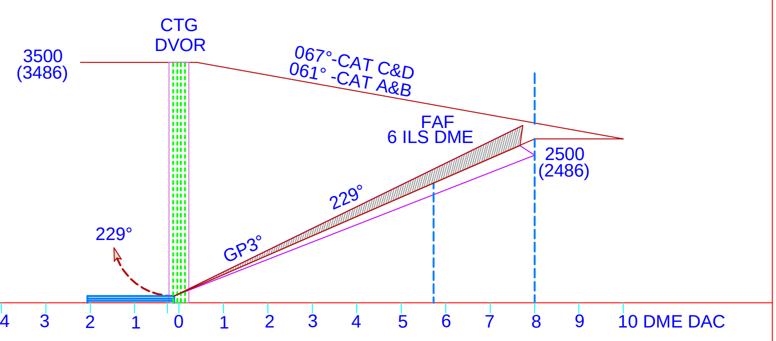
CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
VOR ILS DME RWY 23



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 6.1 NM	MIN:S	4:06	3:04	2:27	2103
MET MINIMA(M) VIS (RVR)	FULL	1000(800)			
	ALS OUT	1400			
	GP OUT	2400			

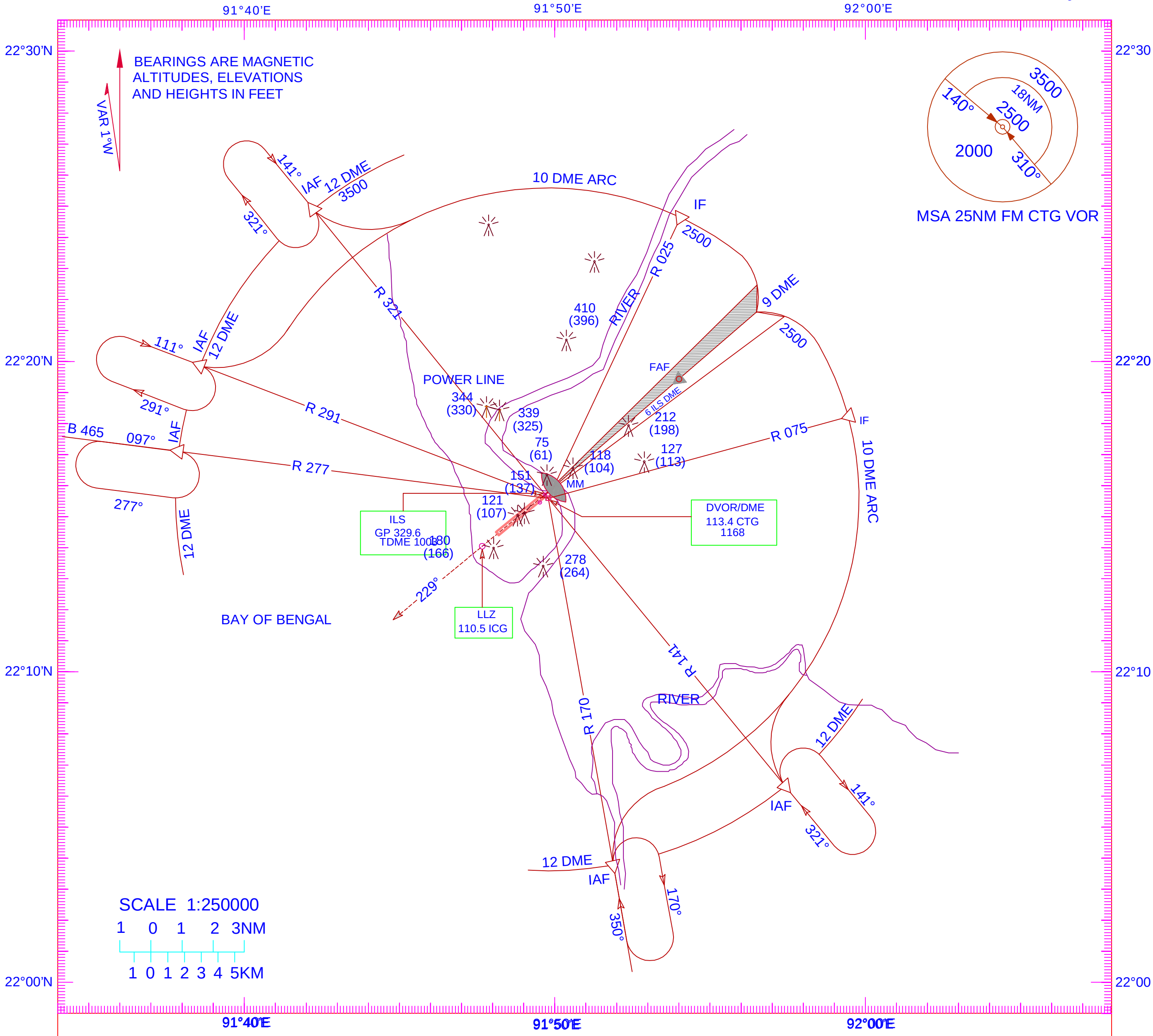
CHANGE: MSA

INSTRUMENT APPROACH CHART-ICAO

ELEV 14 FT
HEIGHTS RELATED TO AD ELEV

TWR 118.4(PRI)
119.4(SRY)

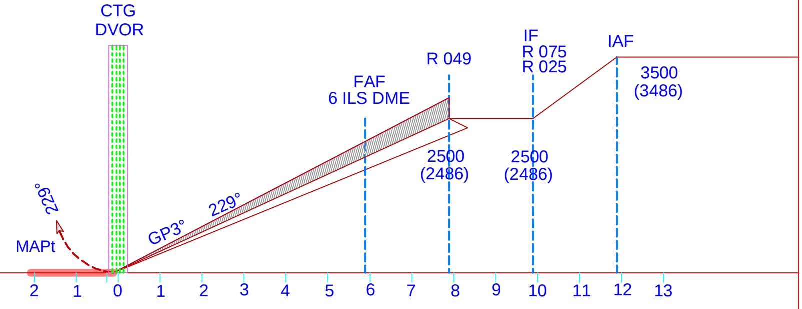
CHATTOGRAM, BANGLADESH
SHAH AMANAT INT'L. AIRPORT
VOR ILS DME-ARC Rwy 23



91°40'E
91°50'E
92°00'E

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	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 6.1 NM	MIN:S	4:06	3:04	2:27	2103
MET MINIMA(M) VIS (RVR)	BALS	1000(800)			
	NALS	1400			
	GP OUT	2400			

CHANGE: MSA

AD 2 AERODROMES

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	1^{0} W
5	AD administration, address, telephone, fax, AFS	Civil Aviation Authority of Bangladesh Postal address: Airport Manager, Osmani International Airport, Sylhet, Postal code 3102, Bangladesh Telephone :APM – 0821-714243 Control TWR – 0821-718459, VGSYZTZX
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGSY AD 2.3 OPERATIONAL HOURS

SL Nr.	Services	Hours
1	Aerodrome Administration	0900 L T to 1700 LT, FRI & SAT 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	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 : 7 AVBL : 7
2	Rescue Equipment	AVBL to meet the ICAO requirement for CAT 7 and CAT 8
3	Disabled Aircraft Removal	NIL
4	Remarks	AD CAT 8 for firefighting is maintained as and when required.

VGSY AD 2.7 SEASONAL AVAILABILITY CLEARING

2.7.1 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), 70/F/C/X/T (Taxiway-B)
3	ACL location and elevation	Not designated
4	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	NIL
4	Remarks	NIL

VGSY AD 2.10 AERODROME OBSTACLES

SL Nr	Name of the significant obstacles/obstructions	Co-ordinates of the Obstacle	True Bearing FM REF point	Dist FM REF Point (m)	Elevation AMSL (FT)
1.	DVOR	245747.75 N 915142.06 E	283.20	1019	74
2.	AWOS	245801.83 N 915112.79 E	---	---	63
3.	Control Tower	245731.19 N 915214.92 E	197.39	278	118
4.	Light Mast-01	245727.10 N 915216.77 E	184.64	407	127
5.	Light Mast-02	245726.12 N 915219.05 E	175.77	426	127
6.	Light Mast-03	245725.19 N 915221.04 E	---	---	127
7.	Light Mast-04	245724.38 N 915223.06 E	---	---	127
8.	Light Mast-05	245732.65 N 915209.65 E	227.07	315	133
9.	Light Mast-06	245727.10 N 915213.11 E			130
10.	Grand Sylhet (building)	245718.46 N 915140.35 E	236.15	1241	195.
11.	Mobile Antenna Tower	245708.25 N 915151.19 E	216.88	1241	215
12.	TV Mast	245338.20 N 915245.70 E	180	17594	499
13.	Chimney-1	245815.08 N 915152.25 E	313.44	1593	123
14.	Chimney-2	245823.80 N 915133.10 E	---	---	143
15.	Jalalabad GAS Transmission building	245302.76 N 915253.37 E	174	8619	226
16.	Kailastila Gas Field	245204.96 N 920124.40 E	124	18521	226
17.	Hill Side Apartment	245706.47 N 915152.25 E	---	---	173
18.	App Path-29 Elec. Pole	245726.13 N 915258.89 E	---	---	88
19.	RAB Mast, Rab-9 Majortila, Islampur	245350.87 N 915433.52 E	---	---	218
20.	Radio Mast, Majortila, Islampur	245338.20 N 915422.34 E	---	---	416
21.	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 & 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
11	114^0 True	3125X45	PCN 70/F/C/X/T Bituminous Concrete	245809.25 N 0915104.29 E	50	0.16 %
29	**294^0 True**	**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
8	9	10	11	12	13	14
11	Nil	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	3192	3125	NIL
29	3125	4030	3220	3035	Due displaced threshold (245730.79 N 0915243.89 E)

VGSY AD 2.14 APPROACH AND RUNWAY LIGHTING

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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	NIL	NIL	60 m apart lights intensity 100%, 80 %, 60 %.	AVBL	NIL	
29	Simple approach lighting system	Six Green LGT	3^0 PAPI	NIL	NIL		AVBL	NIL	

VGSY 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,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	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 (AMSL)
3	Airspace	D
4	Unit Language	Sylhet Tower English
5	Transition altitude	4000 ft
6	Remarks	Nil

VGSY 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	Sylhet TWR	122.9 MHz (main) 122.5 MHz (sdby)	HO	NIL

VGSY AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid Variation	Ident	Frequency	Operation hours	Coordinates	Elevation of Nav aids transmitting antenna (ft)	Remarks
D/VOR	SYT	116.4 MHz	HO	245747.75 N 0915142.06E	74.16	
DME	SYT	1198 MHz	HO	245747.75 N 0915142.06E	74.16	Collocated with DVOR
NDB	SY	372 KHz	HO	245719.58 N 0915220.76E	110.69	
ILS/LLZ-11	SYL	111.5 MHz	HO	245726.52 N 0915254.94E	65	
ILS/GP-11	-	332.9 MHz	HO	245802.00 N 0915111.86 E	84.40	
ILS/DME-11	-	1013 MHz	HO	245801.86N 0915112.18E	65	Collocated with GP

VGSY AD 2.20 LOCAL TRAFFIC REGULATIONS

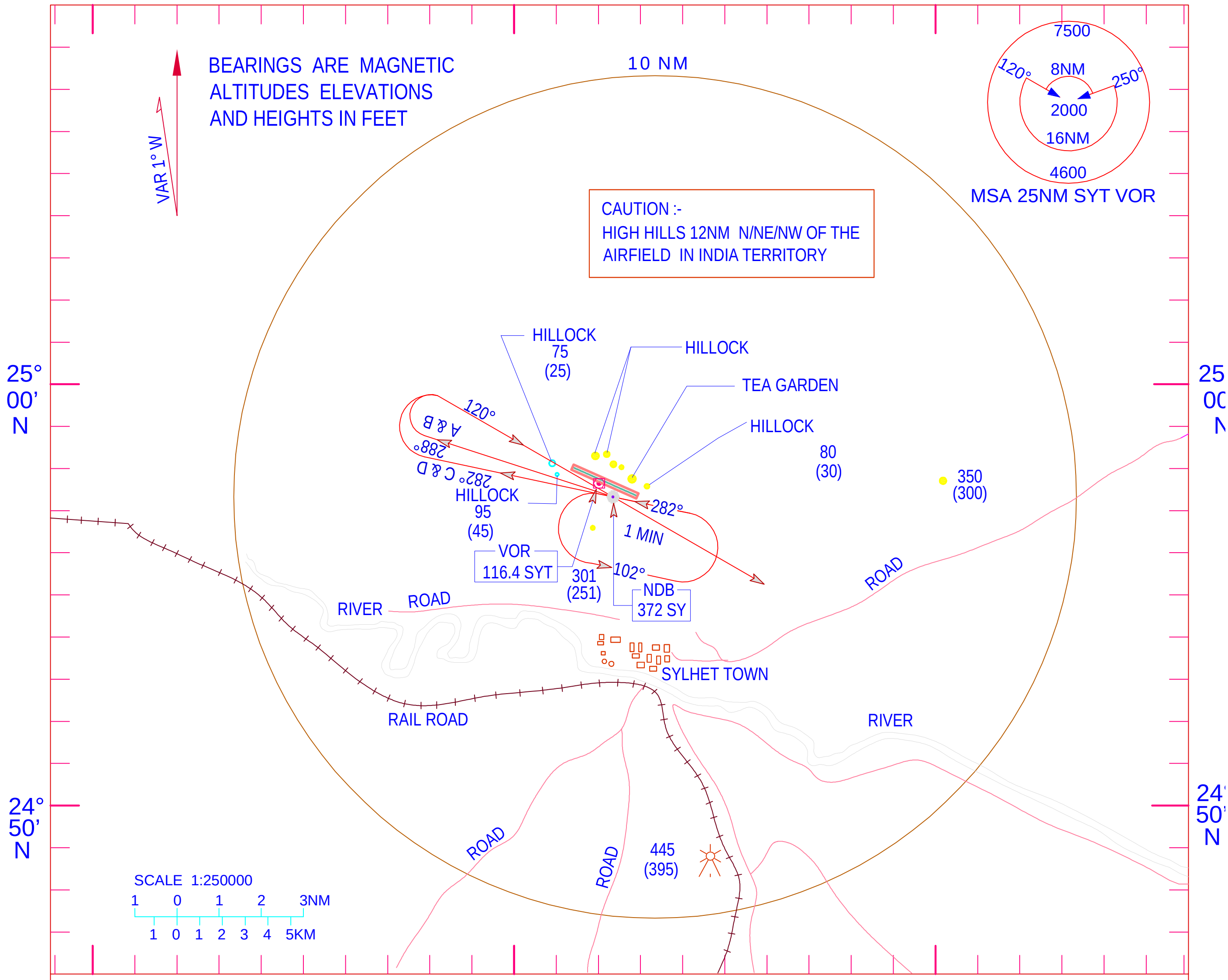
Prior approval to be obtained from ATC

INSTRUMENT
APPROACH
CHART- ICAO

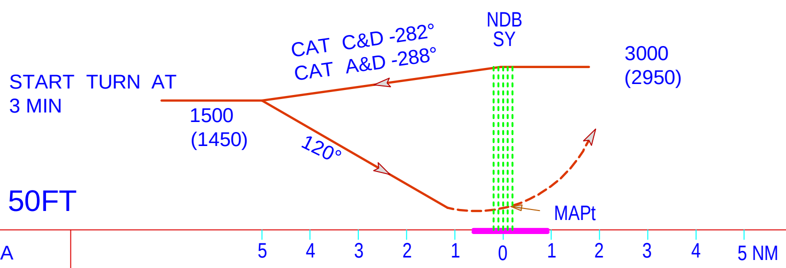
ELEV 50FT
HEIHGTS RELATED
TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

SYLHET, BANGLADESH
OSMANI INTERNATIONAL
NDB RWY 11



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT



ELEV 50FT

MISSED APPROACH

CLIMB TO 2000FT / 610m ON TRACK 120° CONTACT TWR FOR FURTHER INSTRUCTION

MET MINIMA
VIS 2800 M

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

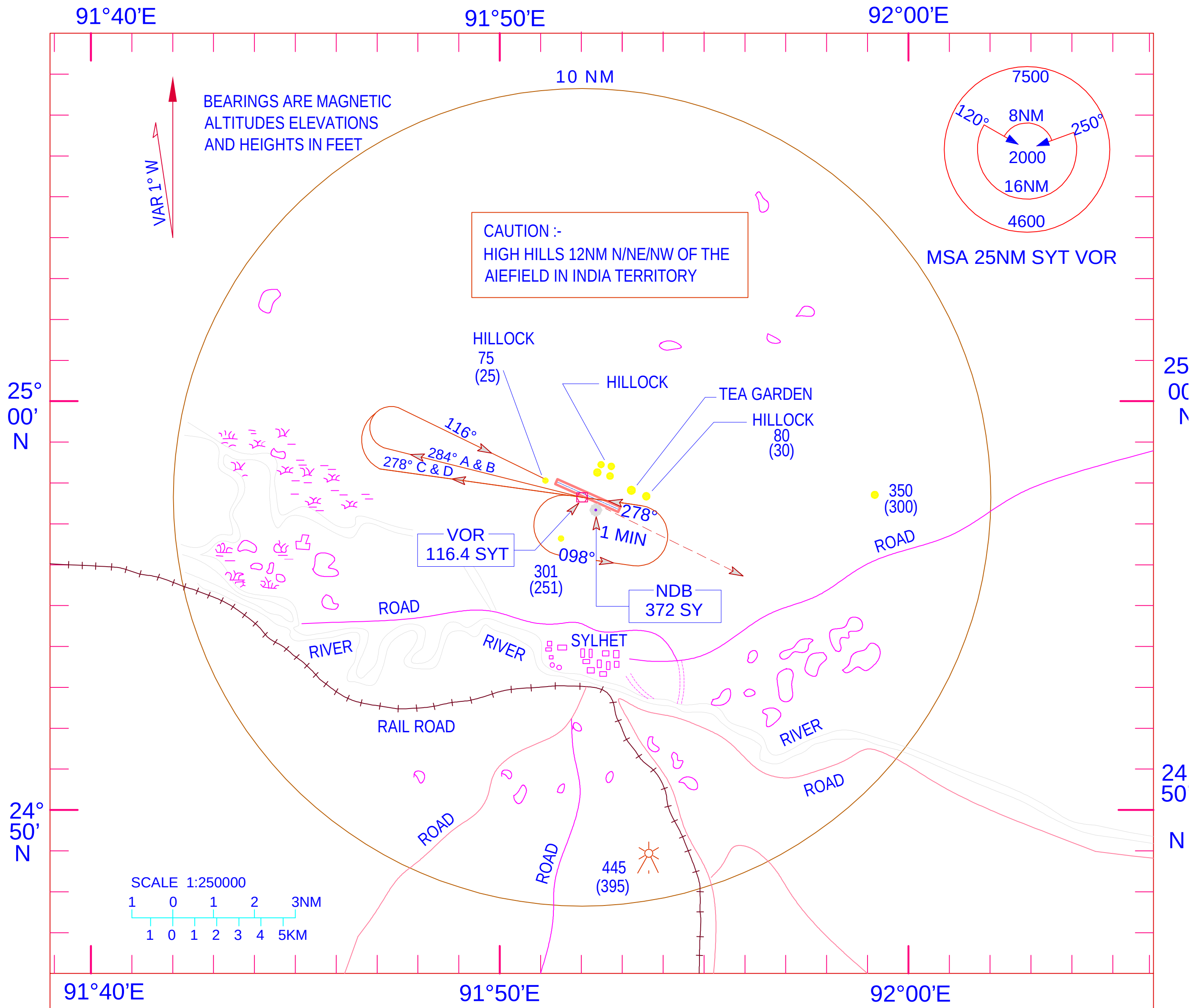
CHANGE: MSA & HOLDING PATTERN

INSTRUMENT APPROACH CHART- ICAO

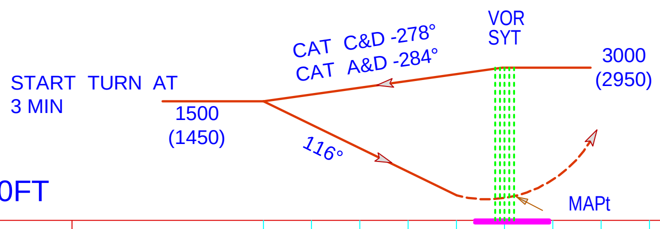
ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

SYLHET, BANGLADESH
OSMANI INTERNATIONAL
VOR RWY 11



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT



ELEV 50FT

MISSED APPROACH

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

MET MINIMA VIS 2800 M	5 4 3 2 1 0 1 2 3 4 5 NM

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

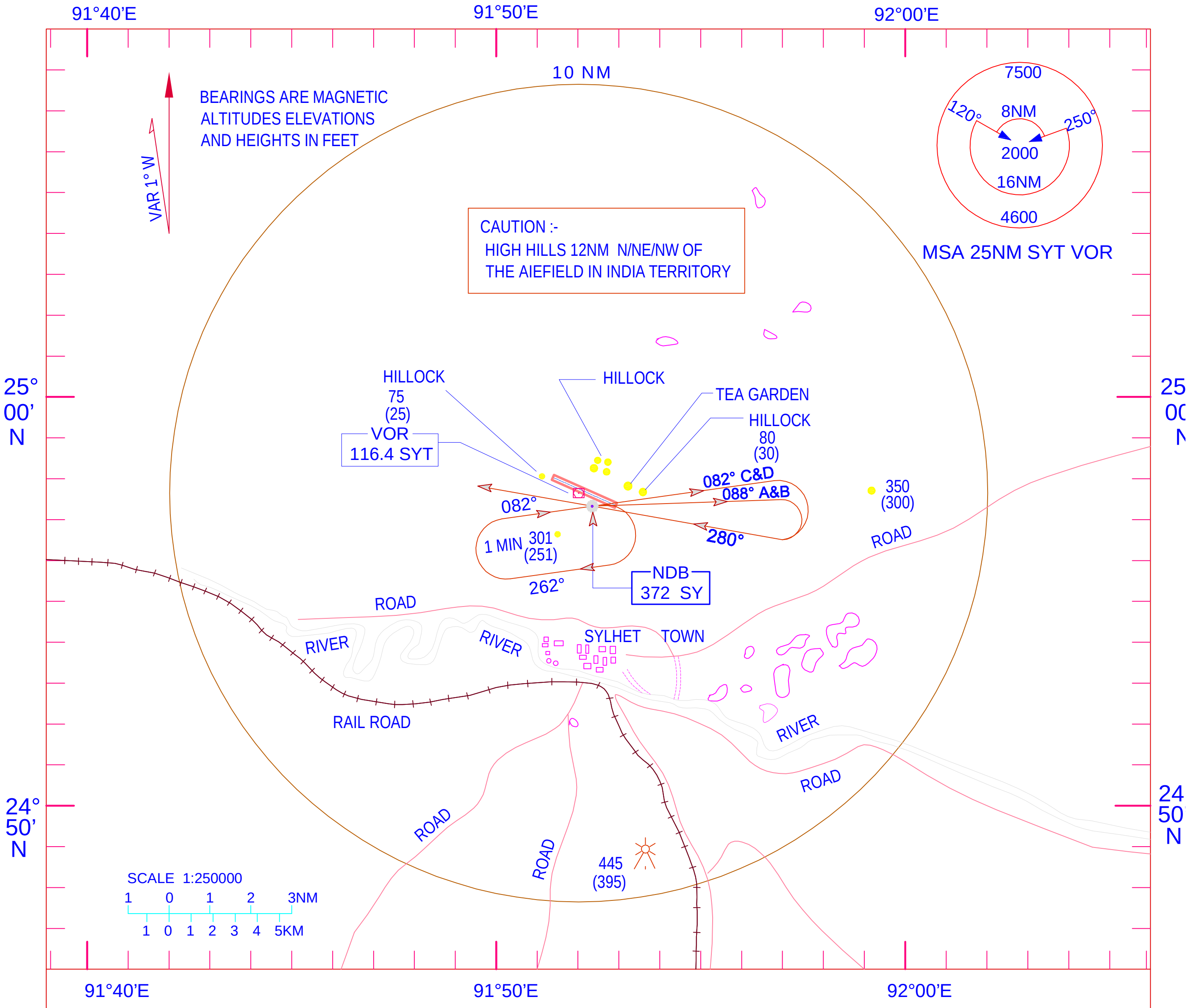
CHANGE: MSA & HOLDING PATTERN

INSTRUMENT APPROACH CHART- ICAO

ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

SYLHET, BANGLADESH
OSMANI INTERNATIONAL
NDB RWY 29

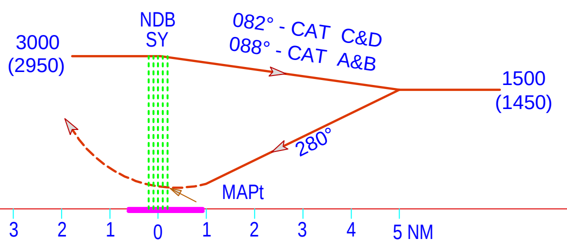


TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 2000FT / 610m ON TRACK 280° AND CONTACT ATC FOR FURTHER INSTRUCTION

ELEV 50FT



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

MET MINIMA
VIS 2800 m

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

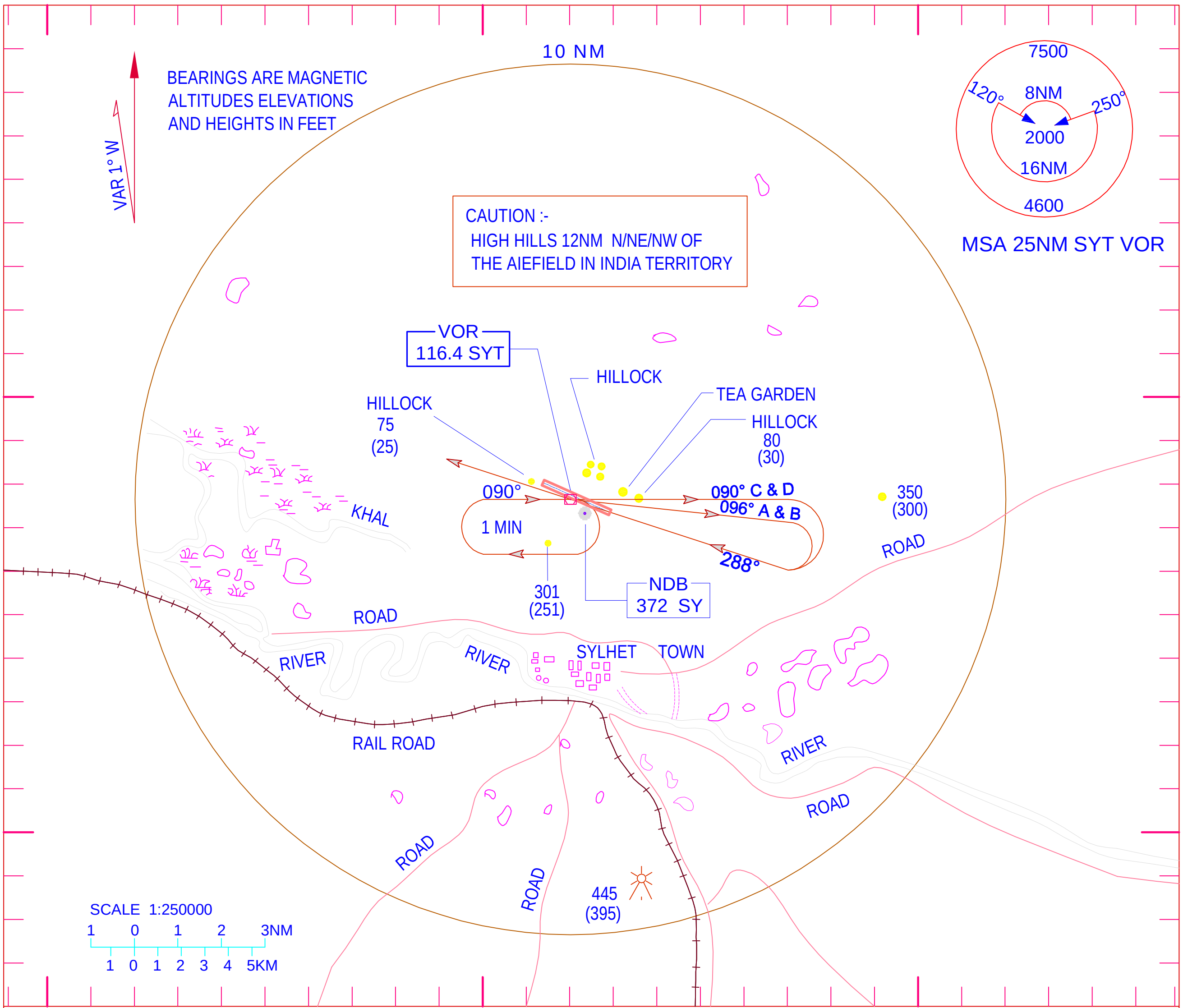
CHANGE: MSA

INSTRUMENT APPROACH CHART- ICAO

ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

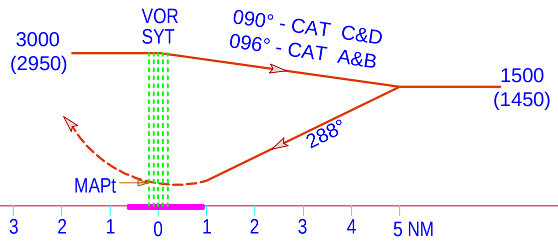
SYLHET, BANGLADESH
OSMANI INTERNATIONAL
VOR RWY 29



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

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

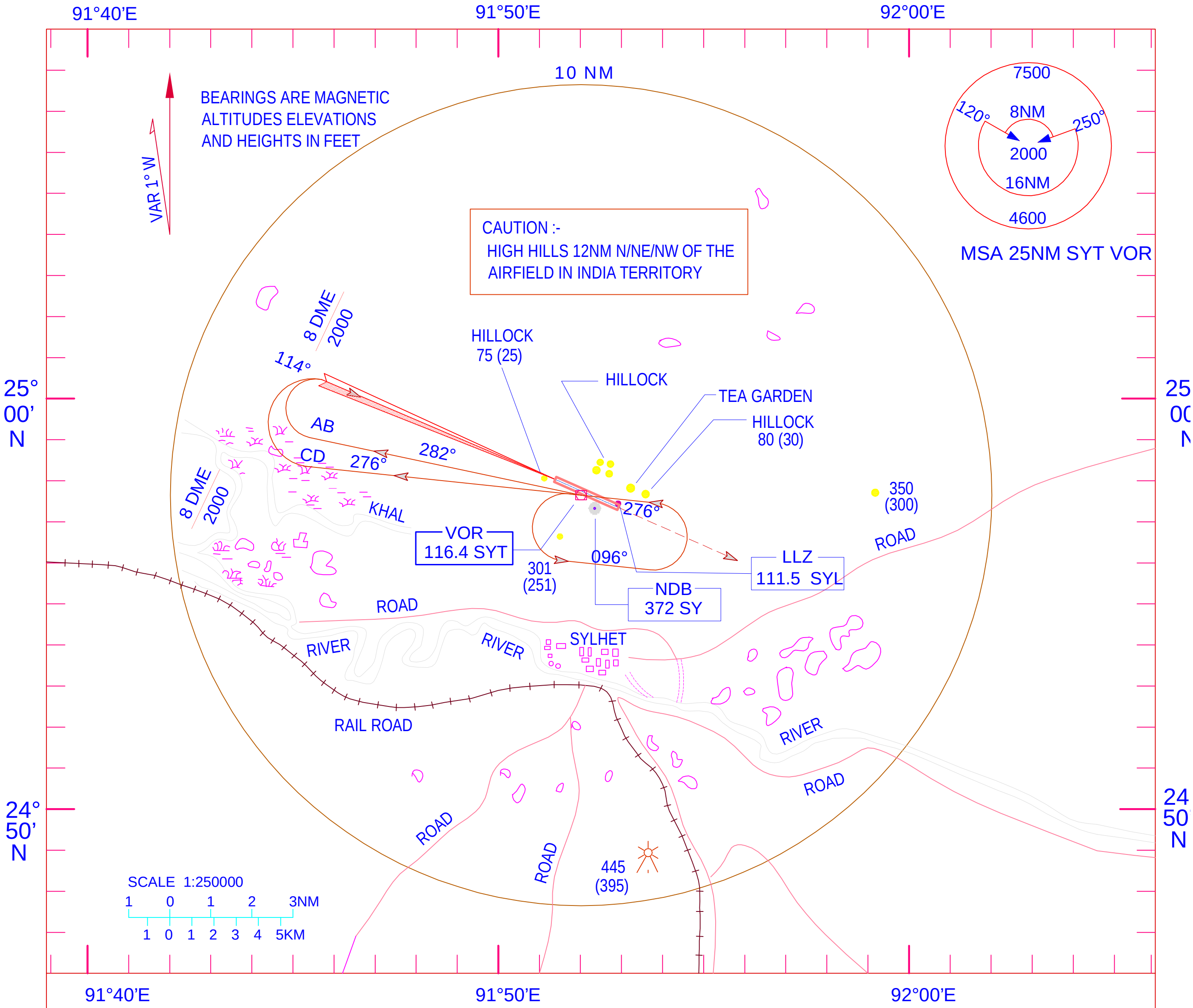
CHANGE: MSA

INSTRUMENT APPROACH CHART- ICAO

ELEV 50FT
HEIHGTS RELATED TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

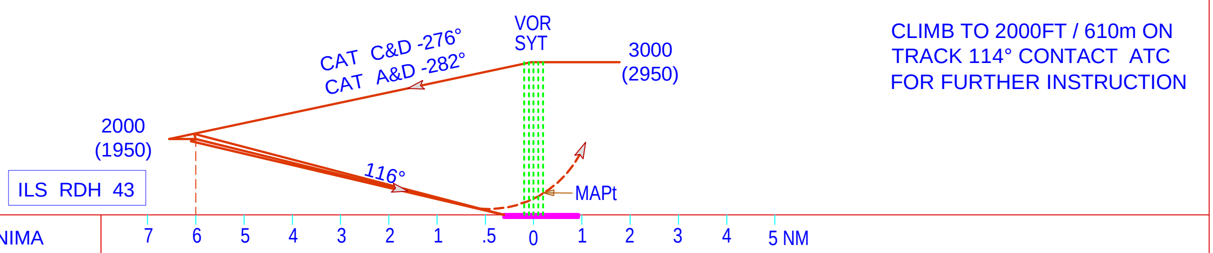
SYLHET, BANGLADESH
OSMANI INTERNATIONAL
VOR/ILS/DME RWY 11



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

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



MET MINIMA
VIS 2800 M

CHANGE: MSA & HOLDING PATTERN

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)

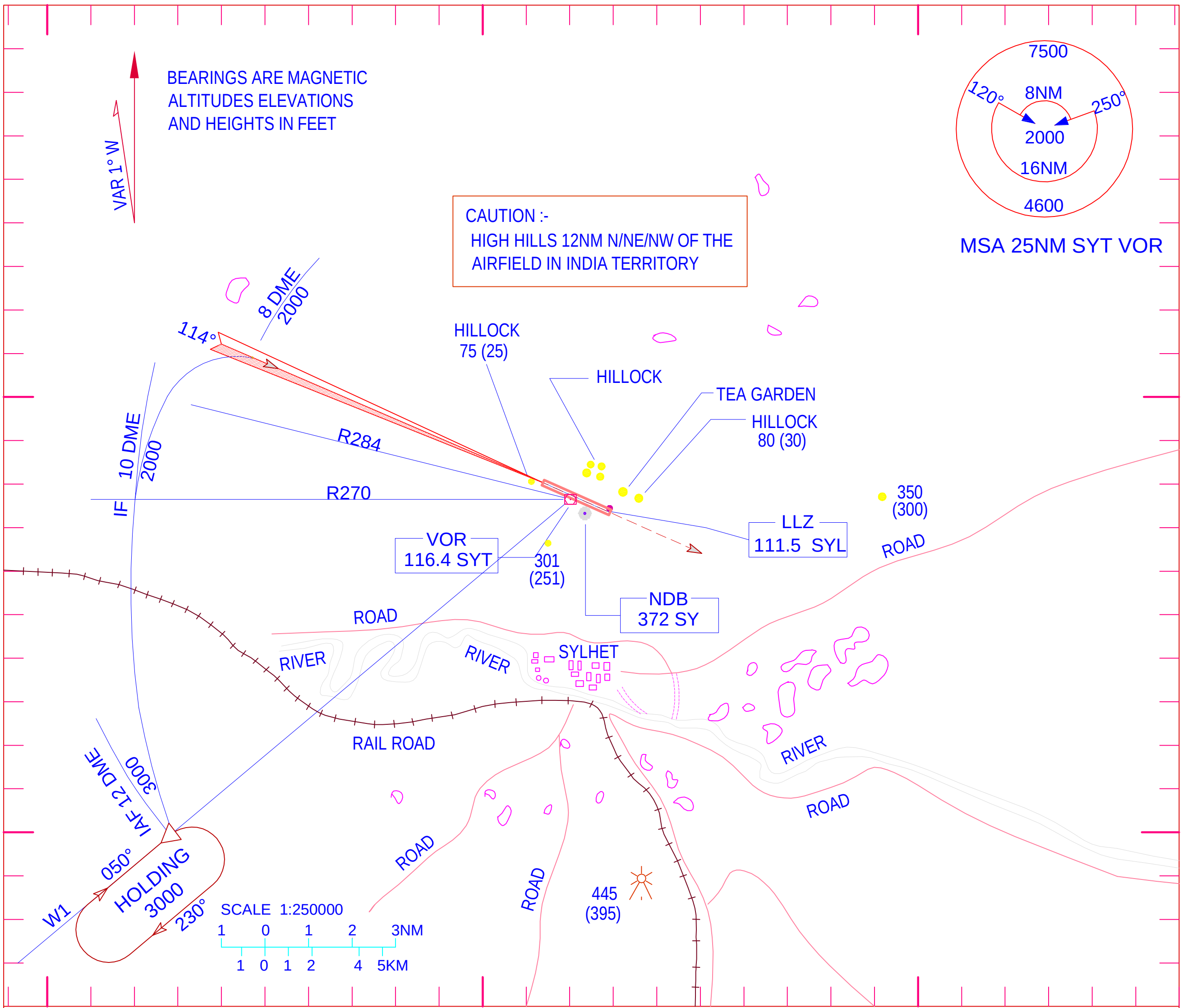
CAT		A	B	C	D
SPEED	KNOTS	90	120	150	180
RATE OF DESCENT/GS	FT/MIN	480	635	795	956
FAF TO THR11	MIN:S	3:54	2:55	2:20	1:57
MET MINIMA (m)	FULL	VIS: 800m, RVR: 800m			
	ALS OUT	VIS: 1400m			
	GP OUT	2000m(CAT A,B) & 2800m(CAT C,D)			

INSTRUMENT
APPROACH
CHART- ICAO

ELEV 50FT
HEIHGTS RELATED
TO AD ELEV

TWR 122.9(PRI)
122.5(Stand by)

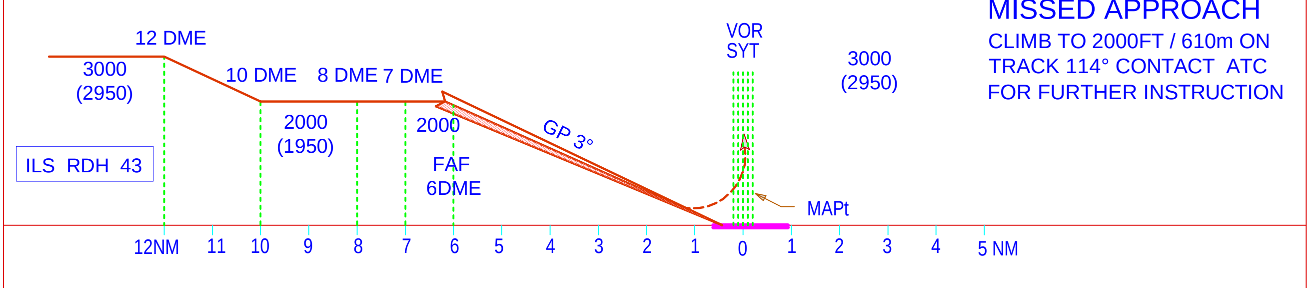
SYLHET, BANGLADESH
OSMANI INTERNATIONAL
VOR/ILS/DME-ARC RWY 11



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH

CLIMB TO 2000FT / 610m ON TRACK 114° CONTACT ATC 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	180/280
RATE OF DESCENT/GS	FT/MIN	480	635	795	955/956
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: MSA

VGBR AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

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	RWY marking 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

1				
Obstacles in approach/TKOF area				
RWY affected	Obstacle type	Height (ft)	Position	Marking/ LGT
17	132 KV high tension power line TWRs (Distance btn TWRs 300M)	40	1st one 2750 ft 2nd one 3700 ft rest are beyond FM THR RWY 17	No
17	River crossing power line TWRs (132 KV high tension power line)	165	2000 m (Aprx) FM THR RWY 17	No
2				
In circling area				
RWY affected	Obstacle type	Height	Position	Marking/ LGT
17	T&T Mast	45 ft	570 ft east of RWY centre line	Yes
35	NDB Mast	60 ft	1134 ft west of RWY centre line	Yes
17/35	Coconut trees	40 ft to 50 ft	Beyond 500 ft east of Rwy centre line	No
17/35	Cater Wireless mast, Chandmary (Barishal Town)	75 m	---	Yes
17/35	Wireless mast Fazlul Haq Rd. (Barishal Town)	67 m	---	Yes
17/35	Police line Wireless mast. (Barishal Town)	61 m	---	Yes

VGBR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

2.11.1 Weather observation will be collected from Meteorological observatory on phone 0431-62811, Barishal (Location 15 km from the airport).

VGBR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator RWY NR	True & MAG 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	174^0	1829X 30	PCN 17/F Bituminus concrete	224825.13N 0901801.13E	10	0.0%
35	354^0	1829X 30	PCN 17/F Bituminus concrete	224734.79N 0901806.91 E	10	0.0%

Designator RWY NR	Stop way Dimensions (m)	CWY Dimensions (m)	RESA (m)	Strip Dimensions (m)	OFZ	Remarks
8	9	10	11	12	13	14
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	RESA introduced
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 centred 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	4000 ft
6	Remarks	Nil

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	1^0 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	0900 LT to 1700 LT except FRI & SAT
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	Fuelling	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	ACL location and elevation	Not designated
4	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

Sl Nr	**Name of the Critical Points/Obstacles/Structures**	**WGS-84 Co-ordinates**		**Elevation**	
		Latitude	**Longitude**	**Feet**	**Meter**
1.	D-VOR	232600.03N	911124.93E	46.61	14.21
2.	NDB	232610.33N	911115.86E	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 & MAG 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	160^0	914 X 30	Flexible Pavement Bituminous concrete	Brick Soling	232627.95N 911118.13E	25	-
34	340^0	914 X 30			232559.10N 911127.62E	25	

Designation RWY NR	SWY dimensions (m)	CWY dimensions (m)	Strip Dimensions (m)	OFZ	Remarks
8	9	10	11	12	13
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 2.17 AIR TRAFFIC SERVICES AIRSPACE

NIL

VGCM AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS 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	115.5 MHz	0001 TO 1600	232600.03N 911124.93E	47	to meet the requirement of over flying traffic. EM : A2
DME	CML	1189 MHz		232600.03N 911124.93E	47	
NDB	CM	330 KHz		232610.33N 911115.86E	78	EM : A2

VGCM AD 2.20 LOCAL TRAFFIC REGULATIONS

NIL

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

VGCB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

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

VGCB AD 2.2 AERODROME GEOGRAFICAL AND ADMINISTRATION DATA

1	ARP coordinates and site at AD	212658.28 N 915753.58 E , Centre of the RWY.
2	Distance and direction from city	02 KM from city centre
3	AD elevation/reference temperature	12 ft/ 34^0C
4	MAG VAR	50'' 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- 0341-64479 (Off), 0341-64075 (Res) TWR : 88-0341-62010
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	0900 LT to 1700 LT except FRI& SAT
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	Nil
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	AVBL
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: 5 AVBL: 5
2	Rescue Equipment	AVBL to meet the ICAO requirement for CAT 5 and CAT 6
3	Disabled Aircraft Removal	Nil
4	Remarks	AD CAT 6 for firefighting is maintained as and when required.

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
2	Taxiway width, surface and strength	Width:15 M Surface: Bituminous Concrete Strength: PCN 63/R/C/W/T
3	ACL location and elevation	Not designated
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	Feet	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°27'04.22" N	91°57'58.82" E	57.09	17.40
4.	BTCL Tower (T&T), Beach Road	21°26'25.80" N	91°58'11.66" E	130.91	39.90
5.	HF Antenna (Control Tower Long Antenna)	21°27'04.22" N	91°57'58.82" E	70.79	21.58
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°26'29.53" N	91°58'04.92" E	64.64	19.70
9.	Hotel Sands Beach, Jhowtala	21°26'28.57" N	91°58'04.47" E	56.65	17.27
10.	Radar Mast, Kolatali	21°25'04.51" N	91°59'14.52" E	338.24	

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 vality	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	
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	170^0	2042×38	PCN 51/F/C/W/T Bituminous concrete	212740.11 N 915745.04 E	12	NIL
35	350^0	2042×38		212636.79 N 915757.91 E	12	
8	9	10	11	12	13	14
Designation RWY NR	SWY dimensions(m)	CWY dimensions(m)	RESA	Strip Dimensions (m)	OFZ	Remarks
17	NIL	150×150	90×76	2222×150	Within the CWY	NIL
35	60×38	300×150	90×76			

VGCB AD 2.13 DECLARED DISTANCES

RWY	TORA(m)	TODA(m)	ASDA(m)	LDA(m)	REMARKS
1	2	3	4	5	6
17	2042	2192	2042	2042	NIL
35	2042	2342	2102	2042	NIL

VGCB AD 2.14 APPROACH AND RUNWAY LIGHTING

→ RWY Edge LGT, THR LGT and PAPI LGT AVB but Approach LGT not AVBL

VGCB 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, No.
3	TWY edge and center line lighting	NIL
4	Secondary power supply switch-over time	During main power supply failure, automatic standby generator power supply available within 30 seconds.
5	Remarks	Nil

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 5 NM (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	4000 ft
6	Remarks	Nil

VGCB 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	COX'S BAZAR TWR	Main 129.5 MHz Sdby 128.5 MHz EM:A3	HO	Nil

VGCB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid variation	Ident	Frequency	Hours of operation	Coordinates	Elevation of NDB transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	CB	396 KHz	HO	21°27'10.29" N 91°57'56.70" E	69 ft	EM: A0/A2 Location : 161^0 Mag and 997 m FM THR RWY 17

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 INFORMATION

Nil

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

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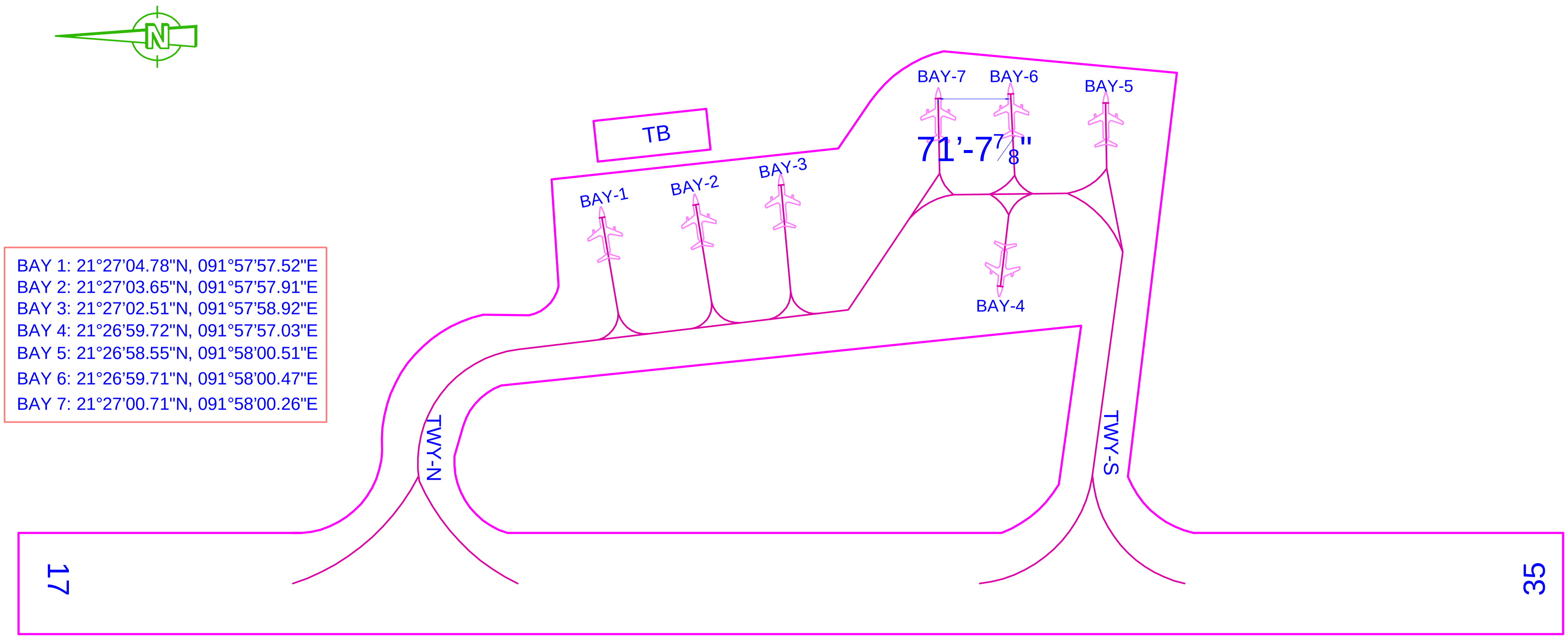
MAGNETIC VARIATION 1°W



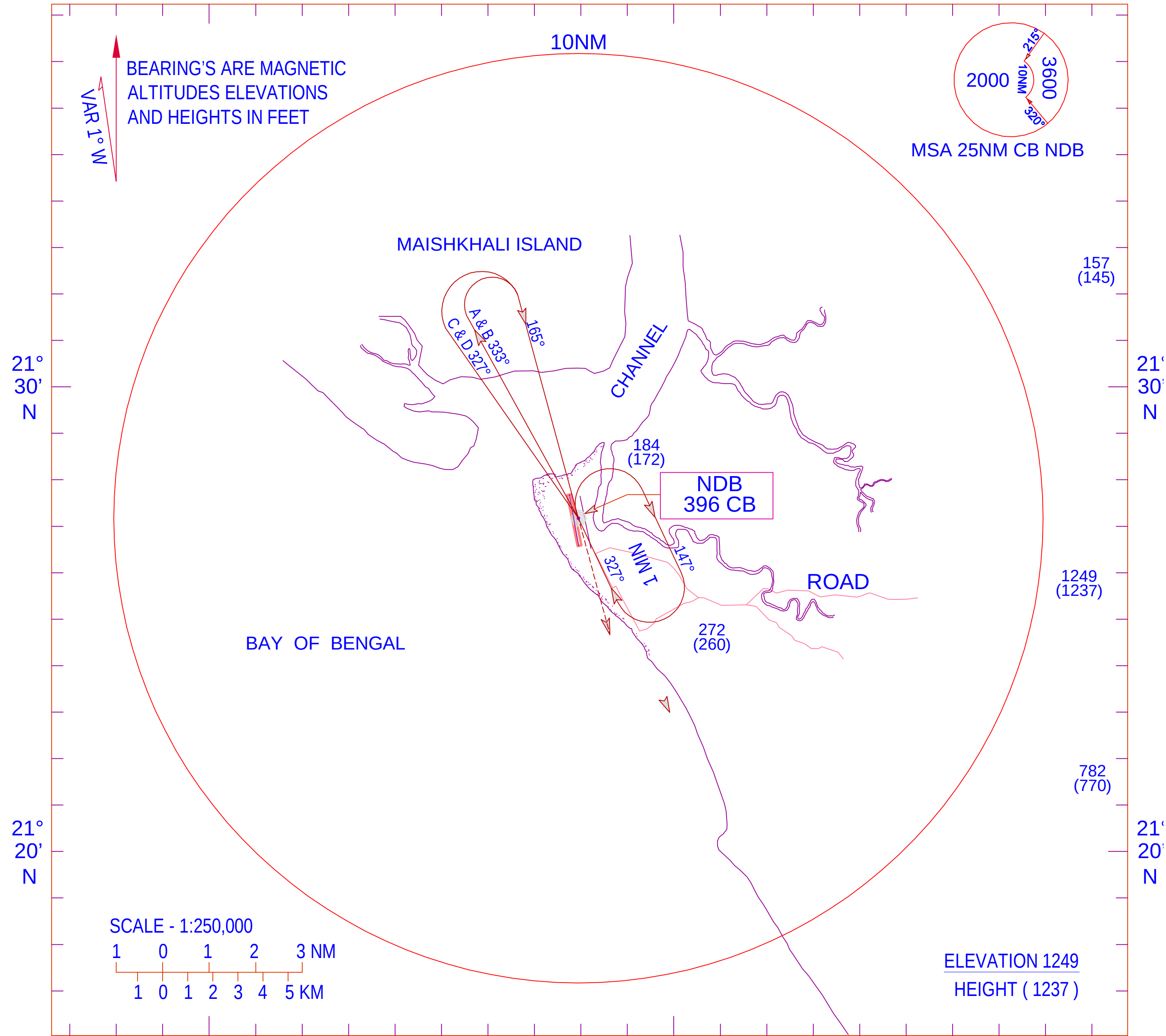
BAY 1:	21°27'04.78"N, 091°57'57.52"E
BAY 2:	21°27'03.65"N, 091°57'57.91"E
BAY 3:	21°27'02.51"N, 091°57'58.92"E
BAY 4:	21°26'59.72"N, 091°57'57.03"E
BAY 5:	21°26'58.55"N, 091°58'00.51"E
BAY 6:	21°26'59.71"N, 091°58'00.47"E
BAY 7:	21°27'00.71"N, 091°58'00.26"E

INSTRUMENT APPROACH CHART-ICAO

ELEV 12 FT
HEIGHTS RELATED TO AD ELEV

TWR 129.5

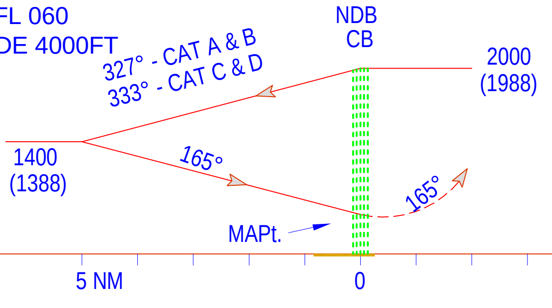
COX'S BAZAR, BANGLADESH
COX'S BAZAR
NDB RWY 17



91°50'E 92°00'E

TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

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



MISSED APPROACH
CLIMB TO 2000FT / 610M ON TRACK 165° AND CONTACT ATC FOR FURTHER INSTRUCTION

CHANGE: MSA

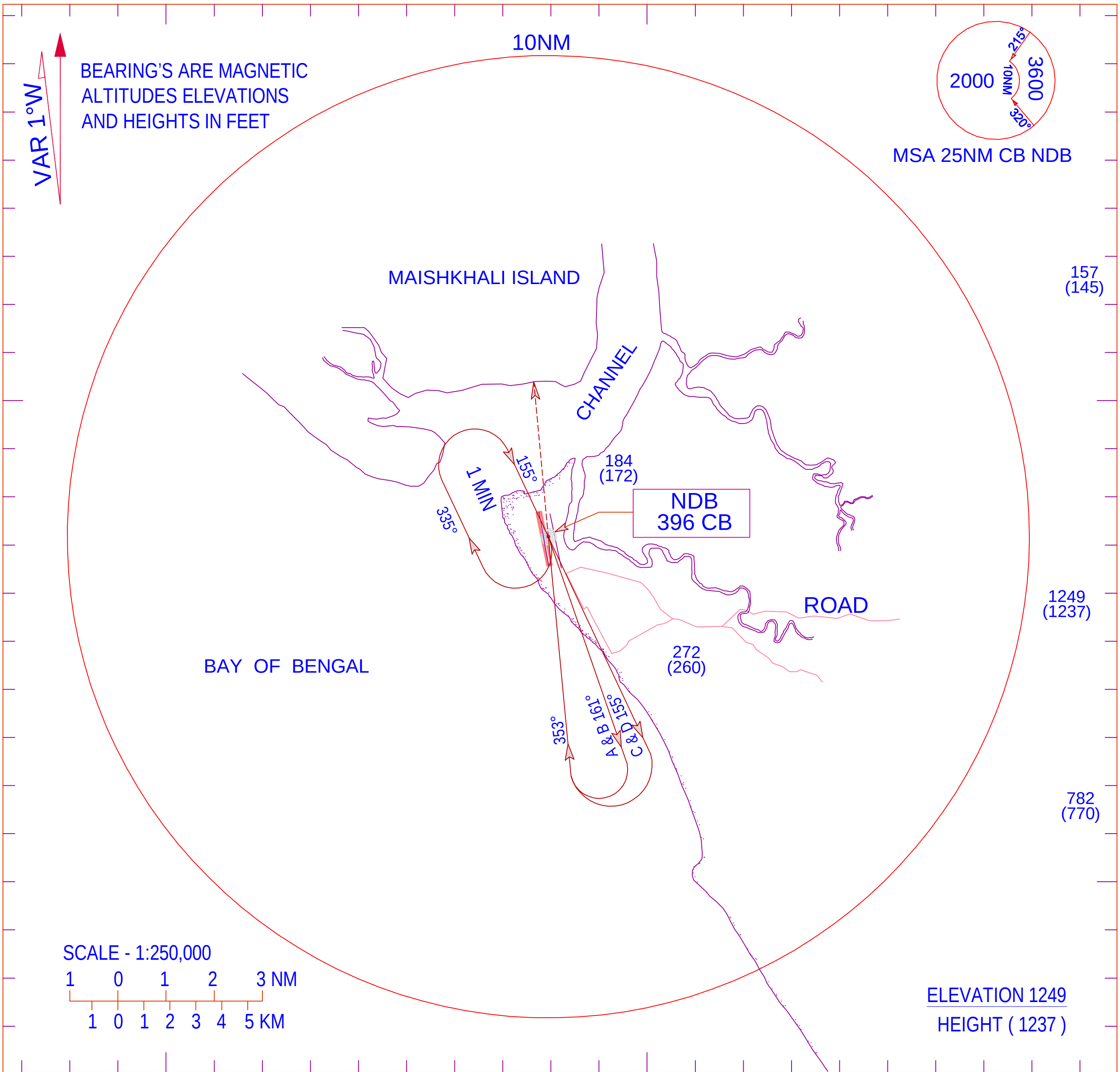
CATEGORY OF ACFT		A	B	C	D
OCA (H)		580 (568)			
SPEED	KNOTS	<91	91-120	121-140	141-165
MET MINIMA	VIS (M)	1600	2000	2800	2800

INSTRUMENT
APPROACH
CHART-ICAO

ELEV 12 FT
HEIGHTS RELATED
TO AD ELEV

TWR 129.5

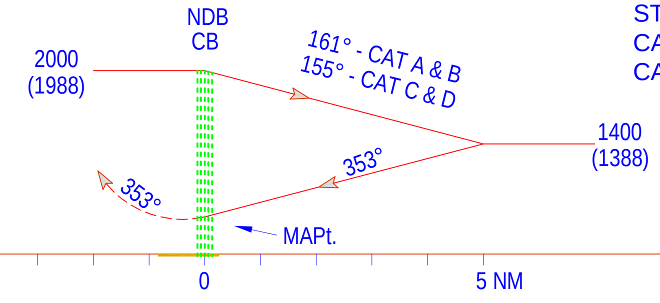
COX'S BAZAR, BANGLADESH
COX'S BAZAR
NDB RWY 35



91°50'E
92°00'E

TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH
CLIMB TO 2000FT / 610M ON
TRACK 353° CONTACT ATC
FOR FURTHER INSTRUCTION



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

CATEGORY OF ACFT		A	B	C	D
OCA (H)		580 (568)			
SPEED	KNOTS	<91	91-120	121-140	141-165
MET MINIMA	VIS (M)	1600	2000	2800	2800

CHANGE: MSA

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	231101.66 N 890939.16 E in the RWY
2	Distance and direction from city	04 NM North of Town (GPO)
3	AD elevation / reference temperature	20 ft/40.5^{0}C
4	MAG VAR	1^0 W (Annual Change Negligible)
5	AD administration, address, telephone telefax, telex, AFS	Civil Aviation Authority of Bangladesh Postal address: Airport Manager Jashore airport, Jashore Bangladesh Telephone: APM: 0421-64033 TWR: 0421-65032
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGJR AD 2.3 OPERATIONAL HOURS

SL.Nr.	Services	Hours
1.	Aerodrome Administration	0900 LT to 1700 LT, FRI & SAT 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

VGJR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Manual handling
2	Fuel/Oil Types	Nil
3	Fuelling 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 AVBL: 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	ACL location and elevation	Not designated
4	Remarks	NIL

VGJR AD 2.9 SURFACE MOVEMENT GUIDENCE 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 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	Feet	
1.	DVOR	23°12'06.37" N	89°09'10.39" E	50	
2.	NDB	23°10'30.57" N	89°09'42.31" E	79	
3.	Control Tower	23°10'38.17" N	89°09'38.85" E	127	
4.	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	
5.	Civil Apron Mast Light 1	23°10'37.42" N	89°09'39.81" E	103	
6.	Civil Apron Mast Light 2	23°10'34.43" N	89°09'41.26" E	104	
7.	Civil Apron Mast Light 3	23°10'31.30" N	89°09'42.88" E	104	
8.	Police Line Mast	23°10'25.16" N	89°11'42.16" E	227	
9.	DGFI Mast, Jashore Cantonment	23°10'27.47" N	89°11'08.49" E	181	
10.	Wind Socks RWY-34	23°10'35.06" N	89°09'48.12" E	42	
11.	Wind Socks RWY-16	23°11'31.10" N	89°09'29.52" E	46	
12.	Noapara Radio Mast	23°02'55.91" N	89°22'47.00" E	400	
13.	Arresting Barriers	---	---	31	386 ft fm RWY 16, 94 ft fm THR RWY 34
14.	VDF Aerial Mast	---	---	110	173^0 MAG fm THR RWY 16
15.	GCA Radar	---	---	60	1179 m (SE) fm THR RWY 16 and 132.08 m off set fm RWY centre line
16.	Rajarhat Mast	230830.60N	891432.46E	318	5NM on BRG 111^0 M fm Control TWR
17.	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	HJ
3	Office responsible for TAF preparation Periods of validity (Hours)	Hazrat ShahjalalIntl (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	
9	ATS units provided with information	TWR
10	Additional information	Tel: Nil

VGJR 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 (FT)	Slope of RWY-SWY
1	2	3	4	5	6	7
16	157^{0} TRUE	2438X45	PCN 18F/C/Y/T Bituminous concrete	231137.94 N 890922.92 E	20	0%
34	337^{0} TRUE	2438X45		231025.65 N 890955.32 E	20	0%

Designator RWY NR	SWY dimensions (m)	CWY dimensions (m)	RESA	Strip dimensions (m)	OFZ	Remarks
	8	9	10	11	12	13
16	NIL	150 X 150	90X90	2618 X 150	Within the CWY	Nil
34	60 X 45	210 X 150	90X90	2618 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	2438	2588	2438	2438	Due to introduction of RESA
34	2438	2648	2498	2438	

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	Six green LGT	PAPI	NIL	NIL	60 m apart 73 Nr White Omni-directional with fixed intensity	END: Avbl 6 Red LGT Unidirectional	NIL	Kerosene flares avbl
34	NIL	Six green LGT	PAPI	NIL	NIL	60 m apart 73 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 (9KM) radius circle centered at the Runway centre and both ends of the Runway.
2	Vertical limits	4000 ft (ALT)
3	Airspace	D
4	Unit Language	Jashore Tower English
5	Transition Altitude	4000 ft
6	Remarks	NIL

VGJR 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	Jashore Tower	123.2MHZ (PRI) 123.9 MHZ (SRY)	HO	EM: A3
Surface Movement Control (SMC)	Jashore Ground	121.8 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
NDB	JR	280 KHz	HO	231036.98N 0890942.23E		Em: A0/A2 PSN: 1292 ft FM THR 34, 927ft FM RWY Centre Line
D/VOR	JSR	113.0 MHz	HO	231206.37N 0890910.30E		
DME	JSR	1164 MHz	HO	231206.37N 0890910.30E		

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

NIL

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

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	Tel: Nil

VGSD 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 (ft)	Slope of RWY-SWY
1	2	3	4	5	6	7
16	156°	1829 X 30	PCN17/F/C/Y/T Bituminous Concrete	254600.55N 0885420.94E	125	NIL
34	336°			254504.74N 0885443.91E	125	NIL

Designator/ RWY NR	SWY Dimensions (M)	CWY Dimensions (m)	Strip Dimensions (m)	RESA	Remarks
	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	60 m apart White omni-directional with fixed intensity	6 Nr Red non-directional WBAR NIL	NIL	NIL
34	Simple approach Lighting system	Six Green LGT	2 BAR PAPI	NIL	NIL	60M apart White 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 Lateral limits	Aerodrome Traffic Zone (ATZ) ATZ is a 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	4000ft (AMSL)
3	Airspace	D
4	Unit Language	Saidpur Tower English
5	Transition Altitude	4000ft
6	Remarks	NIL

VGSD 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	Saidpur Tower	128.9 MHz EM: A3	HO	Nil

VGSD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid variation	Ident	Frequency	Hours of operation	Coordinates	Elevation of DME transmit-ting antenna	Remarks
1	2	3	4	5	6	7
D/VOR	SDP	115.8 MHz	HO	254551.95N 0885433.93E	-	EM-A2
DME	SDP	1192 MHz		254551.95N 0885433.93E	-	EM-A2
NDB	SD	268 KHz		254552.27N 0885434.83E	-	EM-AG/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 SAIDPUR AIRPORT

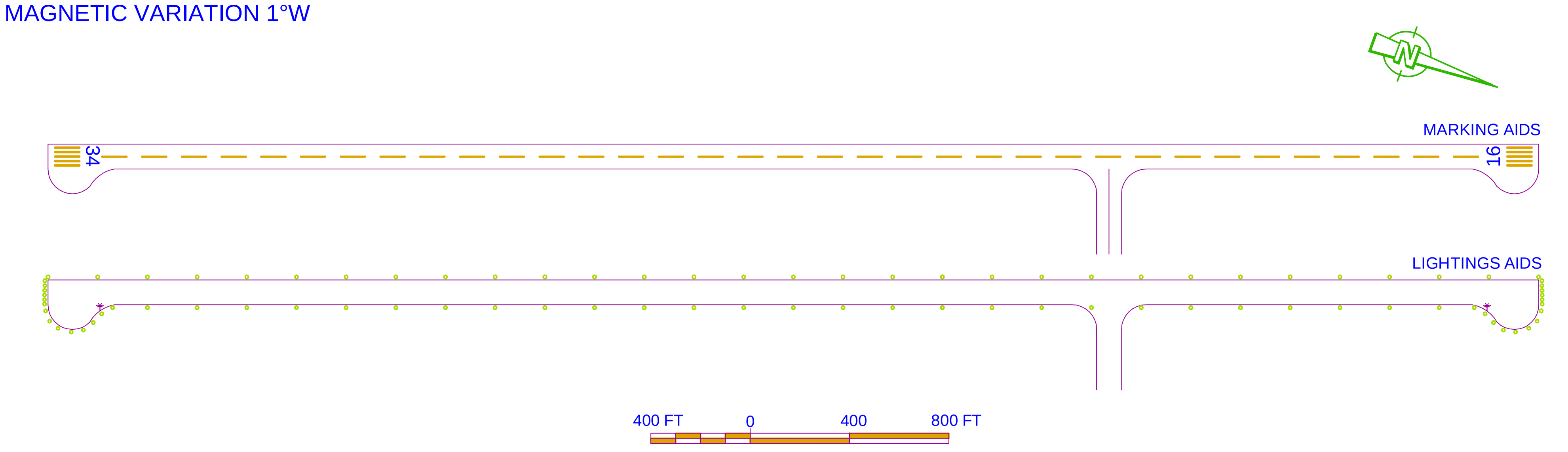
ICAO CHART		
NR	TYPE OF CHART	PAGE NR
1	AERODROME	VGSD AD 2-7
2	INSTRUMENT APPROACH	VGSD AD 2-9 to AD 2-15

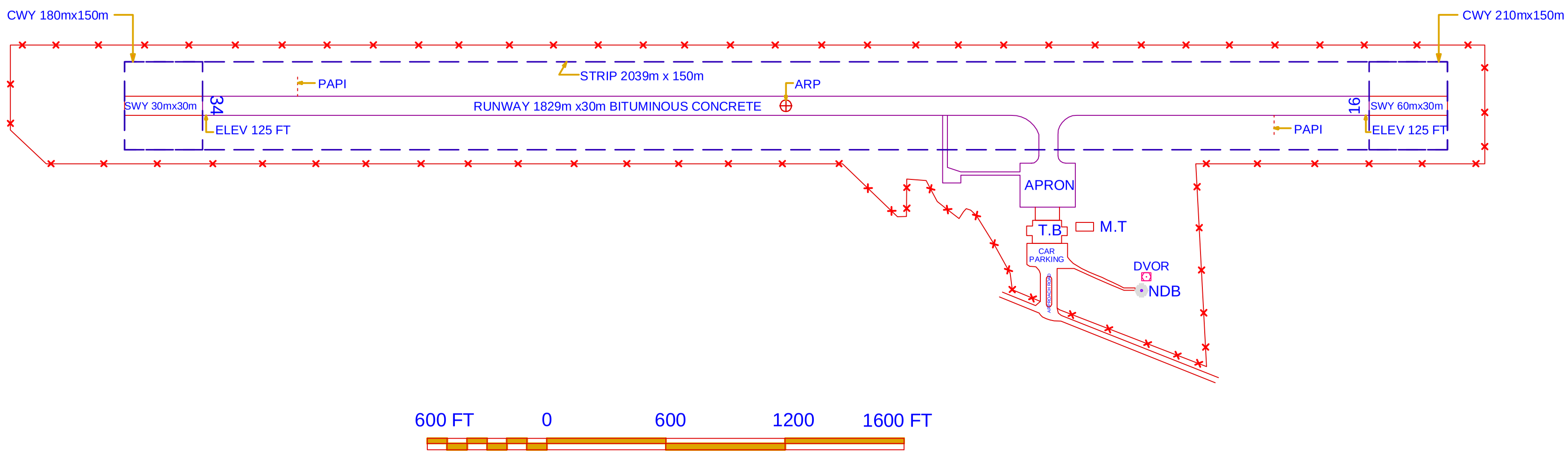
INTENTIONALY KEPT BLANK

AERODROME CHART-ICAO
TYPE-A

SAIDPUR AIRPORT, SAIDPUR

CHANGE: DVOR Position





VGTJ AD 2.10 AERODROME OBSTACLES

In approach/TOFF area			
Rwy affected	Obstacle type elevation	Position	LGT
35	Apartment Building 144 FT	East of extended center 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 325 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). So all the Obstructions at/around Hazrat Shahjalal will be considered as obstacles for Tejgaon (VGTJ).
17/35	Bricks structure (Dimension 1000X60FT) 4FT	220 ft offset to the West side of RWY centre line	No	
17/35	Bricks structure (Dimension 900X60FT) 4FT	220 ft offset to the West side of RWY centre line	No	
17/35	Band stand (Dimension 75X90FT) 28FT	150 ft offset to the East side of RWY centre line	No	
17/35	IDB Bhavan Antenna 325 FT	1200 ft 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 (FT)	Strength (PCN) and surface of RWY & SWY	THR (Displaced) Coordinates	THR Elevation (FT)	Slope of RWY-SWY
			RWY SWY			
1	2	3	4	5	6	7
17	166˚	6500X150	PCN40F/C/Y/T Bituminous Concrete	234710.63 N 0902249.19 E	24 ft	0.06%
35	346˚	6500X150	PCN40F/C/Y/T Bituminous Concrete	234608.66 N 0902308.02 E	24 ft	0.06%

RWY Designations	SWY Dimensions(ft)	CWY Dimensions(ft)	Strip Dimensions (ft)	OFZ	Remarks
	8	9	10	11	12
17	1250x150	1450x250	9850X500	Within the CWY	Nil
35	1700x150	1900x250	9850X500	Within the CWY	Nil

VGTJ AD 2.13 DECLARED DISTANCES

RWY	TORA (ft)	TODA (ft)	ASDA(ft)	LDA (ft)	Remarks
1	2	3	4	5	6
17	6500	7950	7750	6500	NIL
35	6500	8400	8200	6500	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 AIR TRAFFIC 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 after along the centre line of the RWY to A(234116.57N 0902427.57E)
2	Vertical limits	1000 ft (AMSL)
3	Airspace Classification	C
4	Call sign of the ATS Unit	Tejgaon Tower
	Language	English
5	Transition Altitude	4000 ft
6	Hours of applicability	0100 UTC to sunset
7	Remarks	Nil.

1	Designation	ATZ
	Lateral limits	2 NM–To the North from threshold RWY 17; 5 NM–To the South and West (semicircular from centre of runway).
2	Vertical limits	1000 ft (AMSL)
3	Airspace Classification	C
4	Call sign of the ATS Unit	Tejgaon Tower
	Language	English
5	Transition Altitude	4000 FT
6	Hours of applicability	0100 UTC 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	123.0 MHz (PRY) 122.9 MHz (SRY)
4	Hours of operation	0100 UTC to sunset
5	Remarks	1) Service provided by Bangladesh Air force 2) HF/RT 6826 KHz for coordination.