

CORRIGENDUM OF AIP AMDT 04/25
PEOPLE'S REPUBLIC OF BANGLADESH
AERONAUTICAL INFORMATION SERVICES
CIVIL AVIATION AUTHORITY OF BANGLADESH
HEADQUARTERS, KURMITOLA, DHAKA-1229, BANGLADESH

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Publication Date : 21 AUG 2025.

Effective Date : 02 OCT 2025.

1. SIGNIFICANT INFORMATION AND CHANGES:

- a) Some Aeronautical Charts have been revised and updated under paragraph GEN 3.2.5 of the GEN section.
- b) Updates have been made to the Meteorological Observation in GEN 3.5.3.
- c) Contingency ATS Route information has been inserted in ENR Section: Chapter 3.
- d) Some Obstacles information for VGHS, VGEG and VGCB have been revised in AD Section. Similarly, En-route Obstacles at ENR Section Chapter ENR 4.1.
- e) Taxiway Surface information of TWY 'N1' & TWY 'E' have been revised at VGHS AD Section.
- f) Transition altitude, elevation & OCH information of VGHS, has been updated in AD Section and related all Instrument Approach Charts, and transition level has been deleted at all IAC in AD section.
- g) AGL information of VGHS has been revised in AD section.
- h) Information Regarding DVOR & DME of VGCB has been inserted and NDB information has been deleted in GEN, ENR and AD section.
- i) Information Regarding Saidpur Control Zone (VGSD) has been inserted in respective pages of ENR and AD sections.
- j) RNP Charts and Coding table for VGHS, VGSY and VGJR, 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 0.4-5.

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 THIS AMENDMENT INCORPORATES INFORMATION CONTAINED IN THE FOLLOWING WHICH ARE HERE BY SUPERSEDED: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: A0259/25, A0264/25, A0269/25, A0278/25, A0279/25, A0293/25, A0295/25,
C0079/25, C0080/25, C0081/25

5.2. AIP SUPPs: 01/24

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	23JUN 2016	23JUN 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					
01/2019	28 MAR 2019	28 MAR 2019					
02/2019	10 OCT 2019	10 OCT 2019					
01/2020	30 JAN 2020	30 JAN 2020					
02/2020	03 DEC 2020	03 DEC 2020					
01/2021	22 APR 2021	22 APR 2021					
01/2022	24 MAR 2022	24 MAR 2022					
02/2022	19 MAY 2022	19 MAY 2022					
03/2022	06 OCT 2022	06 OCT 2022					
01/2023	23 MAR 2023	23 MAR 2023					
02/2023	15 JUN 2023	15 JUN 2023					
03/2023	05 OCT 2023	05 OCT 2023					
01/2024	22 FEB 2024	22 FEB 2024					
02/2024	11 JUL 2024	11 JUL 2024					
03/2024	05 SEP 2024	05 SEP 2024					
04/2024	28 NOV 2024	28 NOV 2024					
01/2025	20 FEB 2025	20 FEB 2025					
02/2025	17 APR 2025	17 APR 2025					
03/2025	10 JUL 2025	10 JUL 2025					
04/2025	02 OCT 2025						

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GEN 0.3 RECORD OF CURRENT AIP SUPPLEMENTS

NR/Year	Subject	AIP Section(s) affected	Period of validity (From/To)	Cancellation record
06/25	Declaration of Cox's Bazar Airport (VGCB) as an international Airport.		Permanent	
05/25	VOR Approach Procedure for RWY 17 & RWY 35 at Cox's Bazar Airport, Cox's Bazar.	AD	Permanent	
04/25	Implementation of new Instrument Landing System (ILS) CAT-II at Hazrat Shahjalal International Airport (VGHS)	AD	Permanent	
03/25	RNAV-1 (GNSS) Standard Instrument Departure (SID) and Standard Instrument Arrival (STAR) for RWY 14 of Hazrat Shahjalal International Airport, Dhaka (VGHS)	AD	Permanent	
02/25	Establishment of four restricted areas near Chattogram and Cox's Bazar in Dhaka Fir		Permanent	
04/24	Conventional SID charts for RWY-14 and RWY-32 of Hazrat Shahjalal International Airport (VGHS).	AD	Permanent	
03/24	Establishment of some aircraft parking stands at cargo apron and north of fire station at Hazrat Shahjalal International Airport, Dhaka (VGHS)	AD	Permanent	
01/22	WGS-84 Coordinates of obstacles of different Airports in Bangladesh	AD	Permanent	

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GEN 0.4 CHECKLIST OF PAGES

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PART-1 GENERAL (GEN)		2.2-3	03 DEC 2020	3.4-8/diagram	30 JAN 2020
GEN 0		2.2-4	03 DEC 2020	*3.5-1	*02 OCT 2025
0.1-1	23 MAR 2023	2.2-5	03 DEC 2020	*3.5-2	*02 OCT 2025
0.1-2	23 MAR 2023	2.2-6	03 DEC 2020	*3.5-3	*02 OCT 2025
0.1-3	03 JUN 2010	2.2-7	03 DEC 2020	*3.5-4	*02 OCT 2025
*0.2-1	*02 OCT 2025	2.2-8	03 DEC 2020	3.5-5	17 APR 2025
*0.3-1	*02 OCT 2025	2.2-9	03 DEC 2020	3.5-6	17 APR 2025
*0.4-1	*02 OCT 2025	2.2-10	03 DEC 2020	3.6-1	23 MAR 2023
*0.4-2	*02 OCT 2025	2.2-11	03 DEC 2020	3.6-2	23 MAR 2023
*0.4-3	*02 OCT 2025	2.2-12	03 DEC 2020	3.6-3	06 OCT 2022
*0.4-4	*02 OCT 2025	2.2-13	03 DEC 2020	3.6-4	06 OCT 2022
*0.4-5	*02 OCT 2025	2.3-1	14 NOV 2013	3.6-5	05 OCT 2023
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0.6-2	03 JUN 2010	*2.5-1	*02 OCT 2025	4.1-2	23 JUN 2016
0.6-3	03 JUN 2010	2.5-3/Chart	28 MAR 2019	4.1-4	05 OCT 2023
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1.1-1	10 JUL 2025	2.6-2	03 JUN 2010	PART-2 EN-ROUTE (ENR)	
1.1-2	10 JUL 2025	2.6-3	03 JUN 2010	ENR 0	
1.2-1	02 DEC 2021	2.7-1	10 OCT 2019	0.6-1	03 JUN 2010
1.2-3	17 OCT 2013	2.7-2	10 OCT 2019	0.6-3	24 MAR 2022
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1.2-6	03 JUN 2010	3.1-2	23 MAR 2023	1.1-2	11 JUL 2024
1.3-1	02 DEC 2021	3.1-3	03 JUN 2010	1.1-3	28 NOV 2024
1.3-2	02 DEC 2021	3.1-4	03 JUN 2010	1.1-4	28 NOV 2024
1.3-3	03 JUN 2010	3.1-5	23 MAR 2023	1.1-5	24 MAY 2018
1.3-4	03 JUN 2010	3.1-6	23 MAR 2023	1.1-6	24 MAY 2018
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1.5-1	03 JUN 2010	*3.2-3	*02 OCT 2025	1.4-1	30 JUN 2011
1.6-1	03 JUN 2010	*3.2-4	*02 OCT 2025	1.4-2	30 JUN 2011
1.7-1	23 JUN 2016	3.3-1	23 MAR 2023	1.4-3	30 JUN 2011
1.7-2	23 JUN 2016	3.3-2	23 MAR 2023	1.4-4	30 JUN 2011
1.7-3	23 JUN 2016	3.3-3	19 MAY 2022	1.5-1	10 OCT 2019
1.7-4	23 JUN 2016	3.4-1	23 MAR 2023	1.5-2	10 OCT 2019
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2.1-1	23 JUN 2016	3.4-3	24 MAR 2022	1.6-1	11 JUL 2024
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1.7-3	23 JUN 2016	1.14-7	03 JUN 2010	5.1-9	15 JUN 2023
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1.7-5	30 JUN 2011	1.14-9	03 JUN 2010	5.1-11	17 APR 2025
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AD 1		*VGHS AD 2-51\Chart	*02 OCT 2025
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AD 1.1-2	03 JUN 2010	VGEG AD 2-1	11 JUL 2024
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AD 1.1-4	03 JUN 2010	VGEG AD 2-3	11 JUL 2024
AD 1.1-5	03 JUN 2010	VGEG AD 2-4	11 JUL 2024
AD 1.2-1	03 JUN 2010	VGEG AD 2-5	10 JUL 2025
AD 1.3-1	10 OCT 2019	VGEG AD 2-6	10 JUL 2025
AD 1.3-3/Chart	28 MAR 2019	VGEG AD 2-7	17 APR 2025
AD 1.4-1	17 APR 2025	VGEG AD 2-8	17 APR 2025
AD 2		*VGEG AD 2-9.1	*02 OCT 2025
*VGHS AD 2-1	*02 OCT 2025	*VGEG AD 2-9.2	*02 OCT 2025
*VGHS AD 2-2	*02 OCT 2025	VGEG AD 2-9.3	28 MAR 2019
*VGHS AD 2-3	*02 OCT 2025	VGEG AD 2-10	28 MAR 2019
*VGHS AD 2-4	*02 OCT 2025	VGEG AD 2-11/Chart	10 OCT 2019
*VGHS AD 2-5	*02 OCT 2025	VGEG AD 2-13/Chart	10 OCT 2019
*VGHS AD 2-6	*02 OCT 2025	VGEG AD 2-13.1/Chart	24 MAR 2022
*VGHS AD 2-7	*02 OCT 2025	VGEG AD 2-15/(Blank)	10 OCT 2019
*VGHS AD 2-8	*02 OCT 2025	VGEG AD 2-17/Chart	28 MAR 2019
*VGHS AD 2-9	*02 OCT 2025	VGEG AD 2-19/Chart	23 MAR 2023
*VGHS AD 2-10	*02 OCT 2025	VGEG AD 2-21/(Blank)	10 OCT 2019
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*VGHS AD 2-11.2	*02 OCT 2025	VGEG AD 2-25/Chart	28 MAR 2019
VGHS AD 2-11.3	22 FEB 2024	VGEG AD 2-27/Chart	05 SEP 2024
VGHS AD 2-12	22 FEB 2024	VGEG AD 2-29/Chart	05 SEP 2024
VGHS AD 2-13	05 SEP 2024	VGEG AD 2-31/Chart	10 JUL 2025
*VGHS AD 2-15/Chart	*02 OCT 2025	VGEG AD 2-32	10 JUL 2025
VGHS AD 2-16/Chart	28 MAR 2019	VGEG AD 2-33/Chart	10 JUL 2025
VGHS AD 2-17/Chart	17 APR 2025	VGEG AD 2-34	10 JUL 2025
VGHS AD 2-19/Chart	05 SEP 2024	*VGSY AD 2-1	*02 OCT 2025
VGHS AD 2-21/Chart	05 SEP 2024	*VGSY AD 2-2	*02 OCT 2025
*VGHS AD 2-23/Chart	*02 OCT 2025	VGSY AD 2-3	10 JUL 2025
*VGHS AD 2-25/Chart	*02 OCT 2025	VGSY AD 2-4	10 JUL 2025
*VGHS AD 2-27/Chart	*02 OCT 2025	VGSY AD 2-5	10 JUL 2025
*VGHS AD 2-29/Chart	*02 OCT 2025	VGSY AD 2-6	10 JUL 2025
*VGHS AD 2-31/Chart	*02 OCT 2025	VGSY AD 2-7	10 JUL 2025
*VGHS AD 2-33/Chart	*02 OCT 2025	*VGSY AD 2-9/Chart	*02 OCT 2025

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VGSY AD 2-11/Chart	15 JUN 2023	VGJR AD 2-1	10 JUL 2025
VGSY AD 2-13/Chart	28 MAR 2019	VGJR AD 2-2	10 JUL 2025
VGSY AD 2-15/Chart	15 JUN 2023	VGJR AD 2-3	10 JUL 2025
VGSY AD 2-17/Chart	28 MAR 2019	VGJR AD 2-4	10 JUL 2025
VGSY AD 2-19/Chart	05 SEP 2024	VGJR AD 2-5	20 FEB 2025
VGSY AD 2-21/Chart	05 SEP 2024	VGJR AD 2-6	20 FEB 2025
VGSY AD 2-23/Chart	10 JUL 2025	VGJR AD 2-7	06 OCT 2022
VGSY AD 2-24	10 JUL 2025	VGJR AD 2-9/Chart	10 OCT 2019
*VGSY AD 2-25/Chart	*02 OCT 2025	VGJR AD 2-11/Chart	10 OCT 2019
*VGSY AD 2-26	*02 OCT 2025	VGJR AD 2-13/Chart	10 OCT 2019
VGBG AD 2-1	28 NOV 2024	VGJR AD 2-15/Chart	10 OCT 2019
VGBG AD 2-2	28 NOV 2024	VGJR AD 2-17/Chart	10 OCT 2019
VGBG AD 2-3	11 JUL 2024	VGJR AD 2-19/Chart	10 OCT 2019
VGBG AD 2-4	11 JUL 2024	*VGJR AD 2-21/Chart	*02 OCT 2025
VGBG AD 2-5	20 FEB 2025	*VGJR AD 2-22	*02 OCT 2025
VGBG AD 2-6	20 FEB 2025	*VGJR AD 2-23/Chart	*02 OCT 2025
VGBR AD 2-1	05 SEP 2024	*VGJR AD 2-24	*02 OCT 2025
VGBR AD 2-2	05 SEP 2024	VGRJ AD 2-1	20 FEB 2025
VGBR AD 2-3	11 JUL 2024	VGRJ AD 2-2	20 FEB 2025
VGBR AD 2-4	11 JUL 2024	VGRJ AD 2-3	11 JUL 2024
VGBR AD 2-5	20 FEB 2025	VGRJ AD 2-4	11 JUL 2024
VGBR AD 2-7/Chart	23 MAR 2023	VGRJ AD 2-5	28 NOV 2024
VGBR AD 2-11/Chart	10 OCT 2019	VGRJ AD 2-7/Chart	23 JUN 2016
VGCB AD 2-1	17 APR 2025	VGRJ AD 2-9/Chart	05 SEP 2024
VGCB AD 2-2	17 APR 2025	VGRJ AD 2-11/Chart	17 APR 2025
*VGCB AD 2-3	*02 OCT 2025	VGRJ AD 2-13/Chart	05 SEP 2024
*VGCB AD 2-4	*02 OCT 2025	VGRJ AD 2-15/Chart	17 APR 2025
*VGCB AD 2-5	*02 OCT 2025	VGSD AD 2-1	20 FEB 2025
*VGCB AD 2-6	*02 OCT 2025	VGSD AD 2-2	20 FEB 2025
VGCB AD 2-7/ Chart	19 MAY 2022	*VGSD AD 2-3	*02 OCT 2025
VGCB AD 2-9/ Chart	28 MAR 2019	*VGSD AD 2-4	*02 OCT 2025
*VGCB AD 2-11/ Chart	*02 OCT 2025	VGSD AD 2-5	20 FEB 2025
*VGCB AD 2-13/ Chart	*02 OCT 2025	VGSD AD 2-7/Chart	28 MAR 2019
VGCM AD 2-1	20 FEB 2025	VGSD AD 2-9/Chart	10 OCT 2019
VGCM AD 2-2	20 FEB 2025	VGSD AD 2-11/Chart	10 OCT 2019
VGCM AD 2-3	28 NOV 2024	VGSD AD 2-13/Chart	05 SEP 2024
VGCM AD 2-4	28 NOV 2024	VGSD AD 2-15/Chart	05 SEP 2024
VGCM AD 2-5/Chart	10 OCT 2019	VGSD AD 2-17/ Chart	10 JUL 2025
VGIS AD 2-1	28 NOV 2024	VGSD AD 2.18	10 JUL 2025
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VGIS AD 2-3	28 NOV 2024	VGSD AD 2-20	10 JUL 2025
VGIS AD 2-4	28 NOV 2024	VGSH AD 2-1	11 JUL 2024
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VG TJ AD 2-1	05 SEP 2024		
VG TJ AD 2-2	05 SEP 2024		
VG TJ AD 2-3	11 JUL 2024		
VG TJ AD 2-4	11 JUL 2024		
VG TJ AD 2-5	10 OCT 2019		
VG TJ AD 2-6	10 OCT 2019		
VG TJ AD 2-7 /Chart	23 JUN 2016		

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GEN 2.5 LIST OF RADIO NAVIGATION AIDS**1. Alphabetical list of Navigation aids by Identification.**

ID	STATION	FACILITY	PURPOSE
1	2	3	4
BL	Barishal	NDB	AE
CB	Cox's Bazar	NDB Not Avbl	----
CXB	Cox's Bazar	DVOR/DME	AE
CML	Cumilla	DVOR/DME	AE
CTG	Shah Amanat Intl, Chattogram	DVOR/DME	AE
DA	HazratShahjalal Intl, Dhaka	LO	A
DAC	HazratShahjalal Intl, Dhaka	DVOR/DME	AE
DCN	HazratShahjalal Intl, Dhaka	NDB Not Avbl	----
DHA	HazratShahjalal Intl, Dhaka	ILS/LLZ RWY 32	A
IDA	HazratShahjalal Intl, Dhaka	ILS/LLZ RWY 14	A
ICG	Shah Amanat Intl, Chattogram	ILS/LLZ/DME RWY 23	A
IS	Ishurdi	NDB	AE
JR	Jashore	NDB	AE
JSR	Jashore	DVOR/DME	AE
RAJ	Shah Mokhdum, Rajshahi	DVOR/DME	AE
RJ	Shah Mokhdum, Rajshahi	NDB Not Avbl	----
SD	Saidpur	NDB Not Avbl	----
SDP	Saidpur	DVOR/DME	AE
SY	Osmani Intl, Sylhet	NDB Not Avbl	----
SYL	Osmani Intl, Sylhet	ILS/LLZ/DME RWY 11	A
SYT	Osmani Intl, Sylhet	DVOR/DME	AE
A= Aerodrome, E= En-route, AE=Both.			

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GEN 3.2.5 LIST OF AERONAUTICAL CHARTS AVAILABLE

<i>Title of Series</i>	<i>Scale</i>		<i>Name and/or number</i>	<i>Price</i>	<i>Date</i>
Instrument Approach Charts (IAC)	1:250,000		VGHS	In AIP	
			NDB 14		Not Avbl
			NDB/ILS 14		Not Avbl
			VOR 14		02 OCT 2025
			VOR/DME 14		02 OCT 2025
			VOR DME ILS 14		02 OCT 2025
			DA LOCATOR 14		02 OCT 2025
			DA/ILS 14		02 OCT 2025
			VOR DME-ARC ILS 14		02 OCT 2025
			RNP 14		02 OCT 2025
			VOR 32		02 OCT 2025
			VOR/DME(1) 32		02 OCT 2025
			VOR/DME(2) 32		02 OCT 2025
			VOR/DME-ARC 32		02 OCT 2025
			VOR/DME/ILS(1) 32		02 OCT 2025
			VOR/DME/ILS(2) 32		02 OCT 2025
			VOR/DME-ARC/ILS 32		02 OCT 2025
			RNP 32		02 OCT 2025
			VGEG		
			VOR 23		28 MAR 2019
			VOR/DME-ARC 23		23 MAR 2023
			VOR ILS DME 23		05 SEP 2024
			VOR ILS DME-ARC 23		05 SEP 2024
			VOR 05		28 MAR 2019
			VOR/DME-ARC 05		28 MAR 2019
			RNP 05		10 JUL 2025
			RNP 23		10 JUL 2025
			VGSY		
			VOR 11		28 MAR 2019
			VOR/ILS/DME 11		05 SEP 2024
			VGSY/VOR/DME/ARC 11		05 SEP 2024
			VOR 29		28 MAR 2019
			RNP 11		10 JUL 2025
			RNP 29		02 OCT 2025
			VGBR		
			NDB 17		10 OCT 2019
			NDB 35		10 OCT 2019
			VGCB		
			NDB 17		Not Avbl
			NDB 35		Not Avbl
			VGIS		
			NDB 15		08 DEC 2016
			NDB 33		08 DEC 2016
	1:300,000		VGJR		
			VOR X 16		10 OCT 2019
			VOR X 34		10 OCT 2019
			VOR Y 16		10 OCT 2019
			VOR Y 34		10 OCT 2019
			VOR Z 16		10 OCT 2019
			VOR Z 34		10 OCT 2019
			RNP 16		02 OCT 2025
			RNP 34		02 OCT 2025

<i>Title of Series</i>	<i>Scale</i>	<i>Name and/or number</i>	<i>Price</i>	<i>Date</i>
Instrument Approach Charts (IAC)	1:250,000	VGRJ		
		NDB 17		Not Avbl
		VOR 17		17 APR 2025
		NDB 35		Not Avbl
		VOR 35		17 APR 2025
	1:350,000	VGSD		
		VOR W 16		10 OCT 2019
		VOR X 34		10 OCT 2019
		RNP 16		10 JUL 2025
		RNP 34		10 JUL 2025
Aerodrome Chart– ICAO (AD)	1:15,000	Hazrat Shahjalal Intl. VGHS AD 2-15	In AIP	02 OCT 2025 ←
		Shah Amanat Intl. VGEG AD 2-11		10 OCT 2019
		Osmani Intl Airport VGSY AD 2-9		02 OCT 2025 ←
		All other Aerodrome (see respective Aerodrome's page)		
Aerodrome Obstacle Chart Type A (AOC)	1:15,000	Hazrat Shahjalal Intl. 14/32 VGHS AD 2-17	In AIP	17 APR 2025
		Shah Amanat Intl 23/05 VGEG AD 2-13		10 OCT 2019
FIR and Terminal Area (TMA) Chart		Prohibited, Restricted & Danger Area ENR 5.1-13	In AIP	02 OCT 2025 ←
		DHAKA TERMINAL ENR 6-7		22 FEB 2024

GEN 3.2.6. Index TO The World Aeronautical Chart (WAC) -1.1000 000

Not Available

GEN 3.2.7. Topographical Chart

The topographic data and information used in production of Air services aeronautical charts is sourced from survey of Bangladesh.

Address: Survey of Bangladesh, Tejgaon Dhaka 1208
Fax: +88-2-9117463
Phone No: +8802-223374077
Email: info@sob.gov.bd
Website: <https://sob.gov.bd>

GEN 3.2.8. Corrections to Charts not contained in the AIP

If required any corrections to charts will be notified through NOTAM or AIP SUP.

1. Responsible Service

- 1.1 The Meteorological Services for Civil Aviation is provided by the Bangladesh Meteorological Department, Ministry of Defence.

Postal Address:

Director
Bangladesh Meteorological Department,
Abhawa Bhaban, E-24, Agargaon,
Dhaka-1207, Bangladesh

Telephone : 880-2-8144968, 880-02-41025705

Telefax : 880-02-41025726-28

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 & frequency 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, TAF, SPECI, SUPPL: TREND Forecast, Aviation warning, Aerodrome forecast SIGMET, ROFOR, Local Forecast	AWOS Equipment information: Sensors: i) Wind Sensors: Installed at a distance of 500 feet from the center line of the runway at a height of 10 meters. ii) RVR Sensors iii) Ceilometer Sensors iv) Present weather Sensors v) Temperature/ RH Probe Sensor vi) Barometric Pressure Sensor vii) Lighting Sensors viii) D ATIS System. Other available equipment a) Digital Barometer, b) KP Barometer c) Android Barometer d) Barograph e) Psychrometer f) Electric Anemometer g) Digital Wind measuring System	H24	CLIMATOLOGICAL SUMMARIES AVBL.
Chattogram/ Shah Amanat Intl. VGEG	Half Hourly plus special observation	METER, TAF, SPECI Warning, Aerodrome forecast	AWOS Equipment information: Sensors: i) Wind sensors: installed at a distance of 500 feet from the center line of the runway, at a height of 10 meters. ii) RVR sensors: iii) Ceilometer Sensors: iv) Present Weather Sensors v) Temperature / RH Probe Sensor vi) Barometric pressure Sensor vii) Lighting Sensors viii) D-ATIS System. Other available equipment a) Digital Barometer b) Barograph c) Dry/ Wet bulb thermometer d) Maximum/ Minimum Thermometer e) Thermograph f) Hair Hygograph g) Rain gauge h) Self Recording Rain gauge i) Sunshine Recorder j) Psychrometer k) Electric Anemometer l) Digital wind measuring system.	HO	Climatological Summaries AVBL.

Name of Station Location Indicator	Type & frequency 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
Cox's Bazar VGCB	Hourly, special observation and if required half-hourly.	METER, SPECI, AVIATION WARNING, SUPPL: NIL	a) Electric Anemometer b) Psychrometer c) Digital Barometer d) Digital wind measuring system e) Cup Anemometer f) Visibility by eye estimation g) Cloud base by eye estimation	HO	NIL
Rajshahi VGRJ	Hourly, Special Observation	METER, SPECI, SUPPL: NIL	a) Digital Barometer b) KP Barometer c) Android Barometer d) Psychrometer e) Electric Anemometer f) Visibility of eye estimation g) Cloud base by eye estimation.	HJ	NIL
Jashore VGJR	Half hourly and special	METER, SPECI, SUPPL: NIL	a) Barometer b) Dry/ Wet bulb thermometer c) Maximum/ minimum thermometer d) Grass thermometer e) thermograph f) Rain gauge g) Self-recording rain gauge h) Sunshine recorder i) Psychrometer j) Electric Anemometer k) Hair Hygrograph l) Barograph m) Cup Counter Anemometer	HJ	NIL
Saidpur VGSD	Hourly, and Special observation	METER SPECI SUPPL: NIL	a) Digital Wind measuring system b) Electric Cup Counter Anemometer c) Cup Counter Anemometer d) Digital Barometer e) KP Barometer f) Android Barometer g) Barograph h) Visibility for eye estimation i) Cloud base by eye estimation j) Dry/ Wet bulb thermometer k) Maximum/ Minimum Thermometer l) Rain gauge m) Self-recording rain gauge	HJ	NIL
Osmani, Sylhet VGSY	Hourly, Special observation and if required half-hourly.	METER, SPECI, SUPPL: NIL. AVIATION WARNING	AWOS Equipment information sensors: i) Wind sensors: Installed at a distance of 500 feet for the center line of the runway and at a height of 10 meters. ii) RVR Sensors iii) Ceilometer Sensors iv) Present Weather Sensors v) Temperature/ RH probe Sensor vi) Barometric Pressure Sensor vii) Lighting sensors viii) D-ATIS system. Other available equipment: a) Digital Barometer, b) KP Barometer c) Barograph d) Dry/Wet bulb Thermometer e) Maximum/ Minimum Thermometer f) Hair Hydrograph g) Thermograph h) Psychrometer.	HO	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 SYSTEMS & 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

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 <u>UNL</u> 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):125.700 MHz, ACC(lower): 126.700 MHz and Dhaka Control 125.700 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. However, control of aircraft at or above FL 130 shall remain with Kolkata ATCC for provision of ATS).
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 <u>FL 055</u> GND/WATER C	Dhaka TWR	Dhaka TWR EN H24	118.300 MHz (PRI), 119.300 MHz (SRY)	
Chattogram control Zone A circle of 25 NM radius centered on Chattogram VOR (221527.90N 0914938.98 E) <u>FL 145</u> GND /WATER C	Chattogram Tower	Chattogram Tower EN HO	118.400 MHz (PRI) 119.400 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
Sylhet Control Zone A circle of 20 NM radius Centered on Sylhet VOR (245747.75 N 915142.06 E) Except that portion which Falls within Kolkata /Guwahati FIR <u>FL 075</u> GND /WATER C	Sylhet TWR	Sylhet TWR EN HO	122.900 MHz (PRI) 122.500 MHz (SRY)	NIL
Saidpur Control Zone A circle of 20 NM radius centered at Saidpur VOR (254551.96N 0885433.95E) Except that portion which Falls within Kolkata FIR <u>FL 075</u> GND /WATER C	Saidpur TWR	Saidpur TWR EN HO	128.900 MHz (PRI) NIL (SRY)	NIL
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 <u>FL 460</u> FL 055 C	Dhaka ACC (Upper) and Dhaka ACC (Lower)	Dhaka Control EN H24	125.700 MHz and 126.700 MHz	FM 0200-1400 UTC both upper & lower. FM 1400 to 0200(next day) Dhaka Control freq 125.700 MHz

Route Designator (RNP/RNAV) Name of Significant Points Coordinates	Track (MAG) DIST (GEO)	Upper Limits Lower Limits MEA Airspace Classification	Lateral Limits (NM)	Direction of Cursing Levels		Remarks Controlling Unit Frequency
		↓/↑		Odd	Even	
1	2	3	4	5		6
R472						
▲ AGODA 241920N 0883606E			10	↓		Airway
	005° 185° 7.0 NM	FL 460 FL 115 2 000 ft Class B				Dhaka ACC 126.700/ 125.700 MHz.
▲ RAJSHAHI DVOR/DME (RAJ) 242620N 0883655E						
	057° 237° 48.0 NM					
▲ UDIRO 245232N 0892057E				↑		Route segment between ATOGA-VOR (GGT)- BIPUL is within Kolkata FIR and Guwahati SUB FIR.
	059° 239° 42.9 NM	FL 460 FL 115 2 000 ft Class B				
▲ ATOGA 251602N 0900102E			20			
	059° 239° 100.0 NM	FL 460 FL 245 8 000 ft Class E				
▲ GUWAHATI DVOR/DME (GGT) 260803N 0913553E				↓		Route segment between VOR (GGT) and DOXAG via VOR (SYT) is unidirectional.
	169° 58.8 NM	FL 280 FL 120 9 500 ft Class D				
▲ BIPUL 251011N 0914856E						
	169° 12.6 NM	FL 280 FL 75 6 000 ft Class B	10			
▲ SYLHET DVOR/DME (SYT) 245748N 0915142E				↓		Aircraft to Flight Plan and maintain Even Level from GGT VOR to AAT VOR via R472.
	208° 19.9 NM	FL 280 FL 75 2 000 ft Class B				
▲ PORUN 244005N 0914123E						
	208° 19.9 NM	FL 280 FL 75 2 000 ft Class B				
▲ PAPLI 242222N 0913106E				↓		Dhaka ACC 125.700 MHz/ 126.700 MHz
	208° 26.9 NM	FL 280 FL 75 2 600 ft Class B				

Route Designator (RNP/RNAV) Name of Significant Points Coordinates	Track (MAG) DIST (GEO) ↓/↑	Upper Limits Lower Limits MEA Airspace Classification	Lateral Limits (NM)	Direction of Crusing Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
▲ DOXAG 235825N 0911716E			10			Route segment between DOXAG and VOR (AAT) is within KOLKATA FIR.
	208° 5.7 NM	<u>FL 280</u> FL 75 2 600 ft Class D				
▲ AGARTALA DVOR/DME (AAT) 235325N 0911419E						
R598						
▲ AGODA 241920N 0883606E			10			Airway Dhaka ACC 126.700/ 125.700 MHz
	<u>005°</u> 185° 7.0 NM	<u>FL 460</u> FL 115 2 000 ft Class B				
▲ RAJSHAHI DVOR/DME (RAJ) 242620N 883655E						
	<u>012°</u> 192° 46.7 NM	<u>FL 460</u> FL 95 2 000 ft Class F/G				
▲ MIGOP 251220N 0884708E						
	<u>012°</u> 192° 10.0 NM					
▲ VINAD 252214N 0884920E						
	<u>012°</u> 192° 24.0 NM					
▲ SAIDPUR DVOR/DME (SDP) 254552N 0885434E						
	<u>043°</u> 223° 26.7 NM					
▲ DOSKI 260031N 0890941E						
	<u>043°</u> 223° 20.0 NM	<u>FL 460</u> FL 75 2 000 ft Class C				
▲ VANTU 260532N 0891440E						

Route Designator (RNP/RNAV) Name of Significant Points Coordinates	Track (MAG) DIST (GEO) ↓/↑	Upper Limits Lower Limits MEA Airspace Classification	Lateral Limits (NM)	Direction of Cursing Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
▲ TEGAK 241151N 0894945E			10			Airway Dhaka ACC 125.700/126.700 MHz outside Saidpur CTR
	<u>305°</u> 125° 14.3 NM	<u>FL 255</u> FL 75 2 000 ft Class B				
▲ BELKU 242002N 0893650E						
	<u>336°</u> 156° 35.4 NM	<u>FL 255</u> FL 125 2 000 ft Class B				
▲ UDIRO 245232N 0892057E						Saidpur TWR 128.900 MHz within Saidpur CTR
	<u>336°</u> 156° 25.6 NM	<u>FL 255</u> FL 125 2 000 ft Class B				
▲ BASEX 251602N 0890923E						
	<u>336°</u> 156° 12.6 NM	<u>FL 255</u> FL 125 2 000 ft Class B/D				
▲ NILIT 252735N 08903396E						
	<u>336°</u> 156° 20.6 NM	<u>FL 255</u> FL 075 2 000 ft Class C				
▲ SAIDPUR DVOR/DME (SDP) 254552N 0885434E						
W4						
▲ CHATTOGRAM DVOR/DME (CTG) 221528N 0914939E			10			Route available when VGR 20 is not active. CTG TWR 118.400 MHz within Chattogram CTR.
	<u>170°</u> 350° 25.5 NM	<u>FL 255</u> 2 000 ft 2 000 ft Class C				
▲ AVNUL 215003N 0915349E						
	<u>170°</u> 350° 22.7 NM	<u>FL 255</u> 4 000 ft 4 000 ft Class D/F/G				Dhaka ACC 125.700/126.700 MHz outside Chattogram CTR & Cox's ATZ. Cox's TWR 129.500 MHz within Cox's Bazar ATZ.
▲ COX'S BAZAR DVOR/DME (CXB) 212733N 0915753E						

Route Designator (RNP/RNAV) Name of Significant Points Coordinates	Track (MAG) DIST (GEO) ↓↑	Upper Limits Lower Limits MEA Airspace Classification	Lateral Limits (NM)	Direction of Cursing Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
W5						
▲ CHATTOGRAM DVOR/DME (CTG) 221528N 0914939E			10	↓	↑	Chattogram TWR 118.400 MHz within Chattogram CTR.
	292° 112° 24.9 NM	FL 255 2 000 ft 2 000 ft Class C				Dhaka ACC 126.700/ 125.700 MHz outside Chattogram CTR, Jashore ATZ & Barishal ATZ.
▲ VINET 222428N 0912428E						Barishal TWR 128.100 MHz within Barishal ATZ.
	292° 112° 65.7 NM	FL 255 2 000 ft 2 000 ft				
▲ BARISHAL NDB (BL) 224752N 0901752E		Class F/G/D				
	291° 111° 67.6 NM					Jashore TWR 123.200 MHz within Jashore ATZ.
▲ JASHORE DVOR/DME (JSR) 231206N 0890910E						
W6						
▲ SAIDPUR DVOR/DME (SDP) 254552N 0885434E			10	↓	↑	Airway
	156° 336° 20.0 NM	FL 255 FL 125 2 000 ft Class B/G/D				Saidpur TWR 128.900 MHz within Saidpur CTR.
▲ NILIT 252735N 08903396E						Dhaka ACC 126.700/ 125.700 MHz outside Saidpur CTR and Rajshahi ATZ.
	156° 336° 12.6 NM					Rajshahi TWR 128.300 MHz within Rajshahi ATZ.
▲ BASEX 251602N 0890923E						
	211° 031° 57.5 NM					
▲ RAJSHAHI DVOR/DME (RAJ) 242620N 0883655E				↑	↓	

ENR 3.2 UPPER ATS ROUTE
NIL

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ENR 3.3 AREA NAVIGATION (RNAV) ROUTES
NIL

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ENR 3.4 HELICOPTER ROUTES
NIL

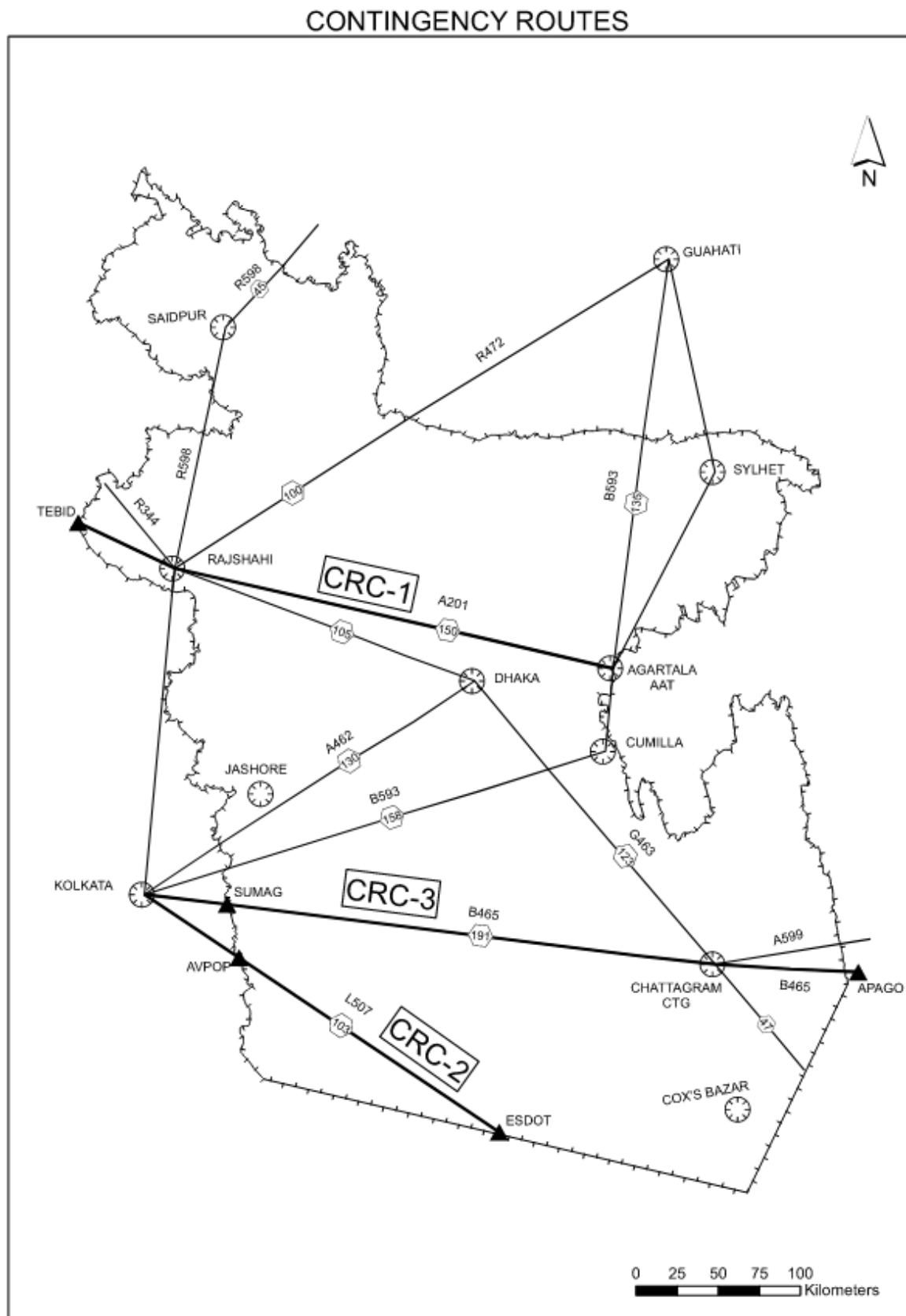
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ENR 3.5 OTHER ROUTES

3.5.1. DHAKA FIR CONTINGENCY ATS ROUTES AND FLIGHT LEVEL ALLOCATION SCHEME (FLAS)

International route structure and communications for transit of Dhaka FIR when no ATS available in Bangladesh airspace.

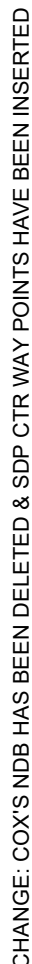
Contingency Route	Route	Direction	Flight Levels		ACCs	Communications
			East bound	West bound		
CRC-1	<u>A201</u> TEBID-AAT	Bi-directional	290	320-380	Kolkata	HF: 10066/6556 KHz VHF: 133.75, 125.775 MHz ADS-CPDLC VECF
					Yangon	HF: 10066/6556 KHz VHF: 126.75, 128.75 MHz
CRC-2	<u>L507</u> AVPOP- ESDOT	Bi-directional	350	320-340	Kolkata	HF: 10066/6556 KHz VHF: 133.75, 125.775 MHz ADS-CPDLC VECF
					Yangon	HF: 10066/6556 KHz VHF: 126.75, 128.75 MHz
CRC-3	<u>B465</u> SUMAG- CTG	Bi-directional	330-410	300-380	Kolkata	HF: 10066/6556 KHz VHF: 133.75, 125.775 MHz ADS-CPDLC VECF



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 DME Antenna	Remarks
DHAKA, DVOR	DAC	112.700 MHz	H24	234927 N 0902447E		
DHAKA, DME	DAC	1161 MHz	H24	234927 N 0902447E	57ft	
CHATTOGRAM, DVOR	CTG	113.400 MHz	H24	221528N 0914939E		
CHATTOGRAM, DME	CTG	1168 MHz	H24	221528N 0914939E	44ft	
SYLHET, DVOR	SYT	116.400 MHz	HO	245748N 0915142E		
SYLHET, DME	SYT	1198 MHz	HO	245748N 0915142E	74.16ft	
BARISHAL, NDB	BL	368 kHz	HO	224752N 0901752E		
COX'S BAZAR, NDB	CB	---	---	---	---	Dismantled
COX'S BAZAR, DVOR	CXB	116.800MHz	H24	212734N 0915753E	52ft	
COX'S BAZAR, DME	CXB	1202MHz	H24	212734N 0915753E	52ft	
CUMILLA, DVOR	CML	115.500 MHz	HO	232600N 0911125E		
CUMILLA, DME	CML	1189 MHz	HO	232600N 0911125E	47ft	
ISHURDI, NDB	IS	350 kHz	HO	240910N 0890241E		
JASHORE, DVOR	JSR	113.000 MHz	HO	231206N 0890910E		
JASHORE, DME	JSR	1164 MHz	HO	231206N 0890910E	48ft	
RAJSHAHI, DVOR	RAJ	114.600 MHz	H24	242620N 0883655E		
RAJSHAHI, DME	RAJ	1180 MHz	H24	242620N 0883655E	85ft	
SAIDPUR, DVOR	SDP	115.800 MHz	HO	254552N 0885434E		
SAIDPUR, DME	SDP	1192 MHz	HO	254552N 0885434E	152ft	

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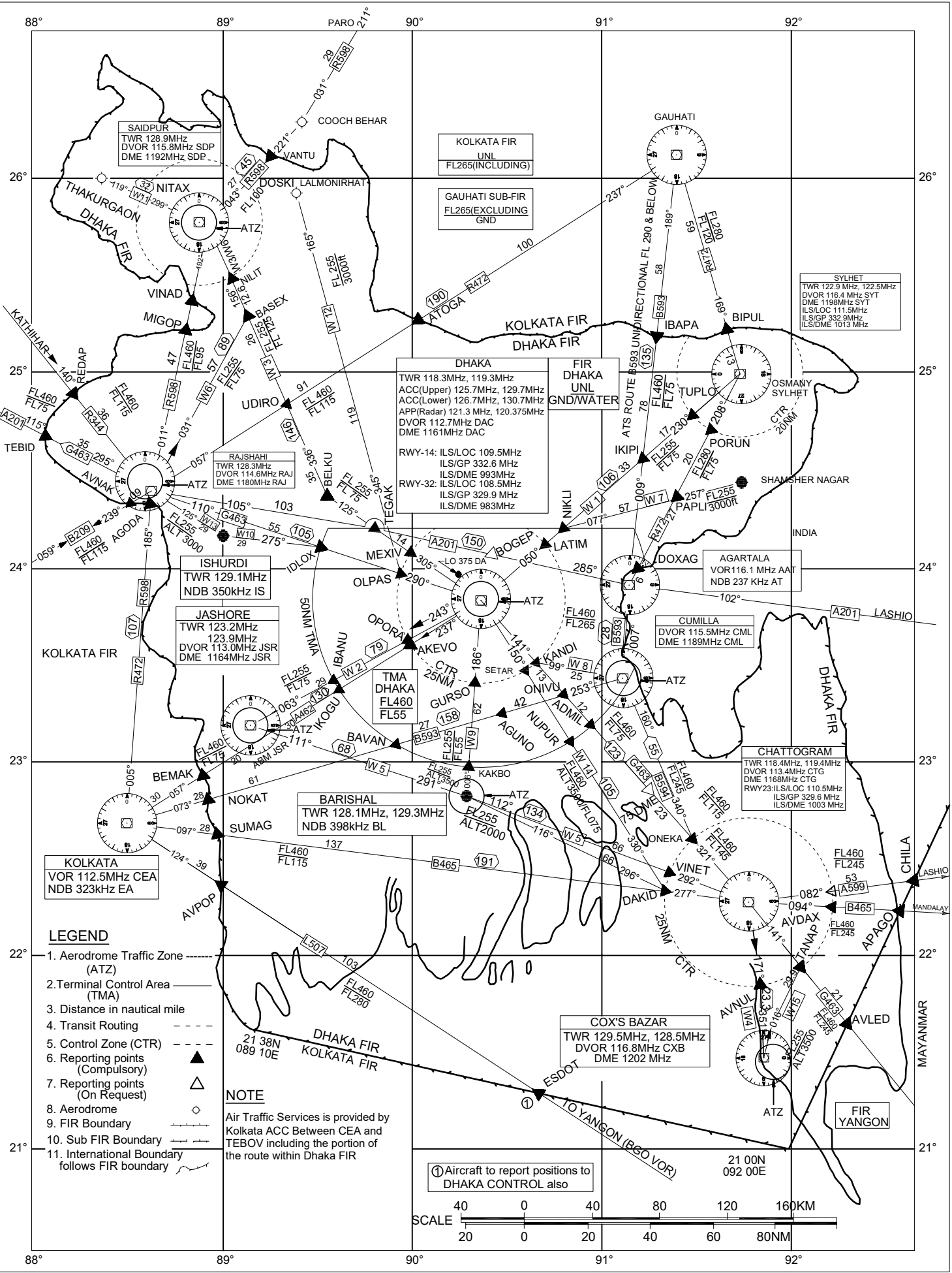
5.4 AIR NAVIGATION OBSTACLES EN-ROUTE

List of High Mast/Tower/Chimney other than those beyond 10NM of Different airports				
Sl.Nr.	Name/Nature of the Obstacle	Co-ordinates	ELEV (Height) ft	Reference Location of Aerodrome/Stolport
01.	Megna Power Chimney	23°36'26.28"N 90°35'37.13"E	283 (256)	Hazrat Shahjalal International Airport, Dhaka
02.	Patuakhali. Chimney	21°59'49.81"N 90°18'18.50"E	732 (722)	Barishal Airport
03.	Shirazgonj Chimney	24°23'08.79"N 89°44'35.66"E	444 (385)	Bogura Airport
04.	Rampal Chimney	22°35'31.19"N 89°33'35.79"E	918 (902)	Khan zahan Ali Airport (Proposed Airport)
05.	Matarbari Chimney	21°42'02.46"N 91°53'04.80"E	Chimney Structure 842(830) [with the fume when the chimney is operated 1672]	Cox's bazar Airport
06	Power Plant (SS Power Ltd.)	21°58'30.33"N 91°53'28.11"E	916 (902)	Shah Amanat International Airport, Chattogram
07.	Radio transmitting Mast (Jessore) Tower	23°02'03.00"N 89°25'35.00"E	420 (400)	Jashore Airport
08.	Payra Tharmal Power Plant Chimny	21°59'49.81"N 90°18'18.50"E	722(712)	Barishal Airport
09.	Containment Structure of Ruppur Nuclear Power plant	24°03'50.00"N 89°02'36.00"E 24°03'46.00"N 89°02'31.00"E 24°03'55.00"N 89°02'32.00"E 24°03'51.00"N 89°02'27.00"E	637(591)	Ishurdi Airport

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ENROUTE CHART
INTERNATIONAL & DOMESTIC ATS ROUTES

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AD 2. AERODROMES

VGHS AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VGHS- HAZRAT SHAHJALAL INTERNATIONAL AIRPORT, DHAKA.

VGHS AD 2-2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA

1	ARP Coordinates and site at AD	235036.05N 0902352.02E (Centre of the runway)
2.	Distance and direction from city	11NM (20km) north of Dhaka City (GPO)
3.	Aerodrome elevation Reference temperature	ELEV 26 ft (8M) T 35 °c (April)
4.	MAG VAR/ Annual change	1°W (2020) (Annual change 1°W)
5.	Aerodrome administration, address, telephone, Telefax, AFS, E-mail.	Civil Aviation Authority of Bangladesh Postal Address: Director Hazrat Shahjalal International Airport Kurmitola, Dhaka-1229, Bangladesh. Telephone: 88-02- 8901449, Telefax: 88-02- 8901450 AFS : VGHSYDYX Telegram: Civil drome, Dhaka. E-mail:
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGHS AD 2-3 OPERATIONAL HOURS

SL. NR.	Services	Hours
1.	Aerodrome Administration	0900 LT to 1700 LT Except Friday & Saturday
2.	Custom and Immigration	H24
3.	Health and Sanitation	H24
4.	AIS briefing office	H24
5.	ATS reporting office (ARO)	H24
6.	MET briefing office	H24
7.	Air traffic service	H24
8.	Fuelling	H24
9.	Handling	H24
10.	Security	H24
11.	De-icing	NIL
12.	Remarks	NIL

VGHS AD 2.4 HANDLING SERVICES AND FACILITIES

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

VGHS AD 2.5 PASSENGER FACILITIES

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

VGHS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD Category for fire fighting	CAT - 9	
2.	Rescue equipment	AVBL to meet the ICAO requirement for CAT9	
3.	Disabled Aircraft Removal	Description	Number/Set
		i) Platform	4 (four) nos. capacity 50(fifty) tons each
		ii) Malbro Truck	2 (Two) nos. capacity 3 (three) tons each.
		iii) Engine Air compressor	4 (four) tons; (150 P.S.I)
		iv) Air distribution	8 (eight) sets (each Console set contain 12 Units) 8 (eight) sets, (each set contain 11 bags).
		v) Pneumatic Elevator	Capacity 50 (fifty) tons each set.
		vi) Valise (body stamp)	4 (four) nos.
		vii) Centrifugal Fan	1(one) no.
		viii) Tethering	required nos.
		Note: 1) Serviceability of the items to be checked up before use. 2) Charges for use of salvage equipment will be fixed on the extent of use of the various equipment.	
4.	Remarks	Nil	

VGHS 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.

VGHS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron Surface and Strength	Apron (Main)	Surface: Rigid pavement, Strength: PCN 70/R/B/W/T	
		Apron (North of Fire Station)	Surface: Rigid pavement, Strength: PCN 106/R/B/W/T	
		Cargo Apron	Surface: Rigid pavement, Strength: Northern side: PCN106 /R/B/W/T Eastern side: PCN 80/R/B/W/T Western side: PCN 59/R/B/W/T	
2.	Taxiway Width, Surface and Strength	E (Echo) Taxiway	Width: 32.6m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 148/F/B/W/T	←
		C (Charlie) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 98/F/C/W/T	
		N (November) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 192/F/C/W/T	
		S (Sierra) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 162/F/B/W/T	
		N1 (November One) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement Strength: PCN 125/F/C/W/T	←
		N2 (November two) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 167/F/C/W/T	
		S1 (Sierra One) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Asphalt pavement, Strength: PCN 191/F/C/W/T	
		S2 (Sierra two) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 231/F/C/W/T	
		S3 (Sierra Three) Taxiway	Width: 23m & Shoulder 10.5m both side of TWY Surface: Flexible pavement, Strength: PCN 162/F/B/W/T	
3.	Altimeter checkpoint location and elevation	Not designated		
4.	VOR checkpoints	Nil		
5.	INS checkpoints	Nil		
6.	Remarks	Nil		

VGHS AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

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

VGHS AD 2.10 AERODROME OBSTACLES

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

VGHS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

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

VGHS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designator RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY & SWY	THR Coordinates	THR ELEV and highest ELEV of TDZ (ft)	Slope of RWY – SWY
1	2	3	4	5	6	7
14	143.71 ⁰	3200x45	111/F/C/X/T Asphalt concrete	235118.08N 0902318.67E	26	Nil
32	323.71 ⁰	3200x45	111/F/C/X/T Asphalt concrete	234954.05N 0902425.38E	26	Nil
Designator RWY NR		RESA		STRIP(m)		Remarks
1		8		9		10
14		90 X 90 m		3710 X 280		Nil
32		90 X 90 m		3710 X 280		
Designator RWY NR		SWY Dimensions(m)	CWY Dimensions(m)	OFZ		Remarks
1		11	12	13		14
14		240x45	425x150	Within the CWY		25 ft (8M) brick soiling with bitumen carpeting shoulder at both sides of RWY.
32		150x45	300x150			

VGHS AD 2.13 DECLARED DISTANCES

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

VGHS AD 2-14 APPROACH AND RUNWAY LIGHTING

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

VGHS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

VGHS AD 2.16 HELICOPTER LANDING AREA
As directed by ATC

VGHS AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

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

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

VGHS AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

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

VGHS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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



VGHS AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGHS AD 2.21 NOISE ABATEMENT PROCEDURES

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

VGHS AD 2.22 FLIGHT PROCEDURES

NIL

VGHS AD 2.23 ADDITIONAL INFORMATION

1. Aerodrome Reference Code: 4E

2. Bird Concentrations:

Bird concentrations may exist on or in the vicinity of Hazrat Shahjalal International Airport, Dhaka due to low lying area around the airfield, 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.

3. Additional Information:

(a) There is an open-air storm water drain on the western side strip of the runway almost along the full length of the runway at a distance of 105-120m from the center line of the runway. Pilot to exercise caution during landing and take-off especially when runway is wet and strong cross wind from NE. In support, an aeronautical study for the water drain was done.

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

4. Probable Measure to Reduce RT Communication:

- (a) Post Landing Communication: After landing all aircraft will vacate the runway by available taxiway or by ATC instructions and change to Dhaka Ground frequency except the low visibility operation. During the low visibility operation, pilots have to report the runway vacation.
- (b) Pre-Departure Communication: All departing aircraft will change to Tower frequency when reaching the runway holding point or in sequence on the runway holding point.

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

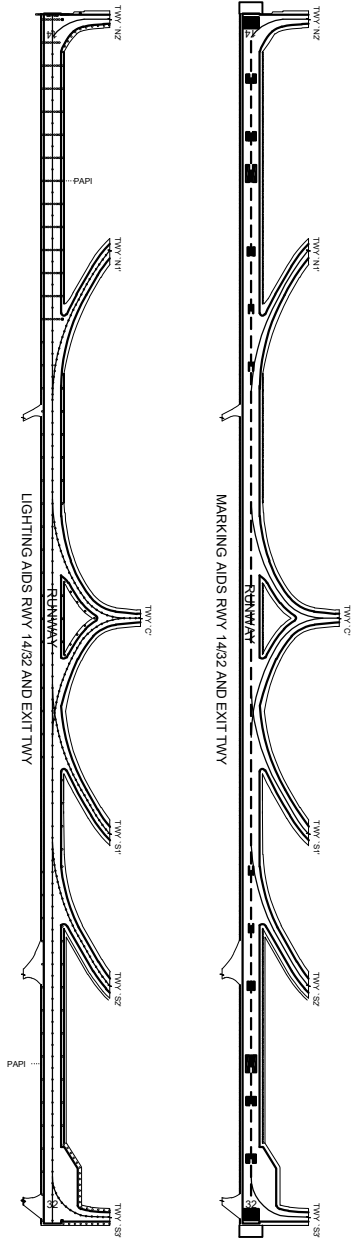
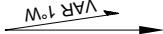
SL No	Name of the significant obstacles/obstructions	Co-ordinates Of the Obstacle	True Bearing FM REF point	Dist (m) FM Ref Point	Elevation AMSL (FT)	LGT
1	DVOR Mast	234927.41N 902446.52E	143.86	2611	51.03	Yes
2	Control Tower	235057.18N 0902413.24E	026 ⁰	1376	102	Yes
3	Water Tank, CAAB HQs	235116.08N 0902413.56E	026 ⁰	1376	162	Yes
4	T.V. Tower, Rampura	234555.75N 902523.53E	135.035	9001	443.02	Yes
5	Tower at Army HQ Building, Dhaka Cantonment	234825.79N 902402.38E	175.81	4019	227	Yes
6	Tower at Naval HQ Building, Banani	234808.57N 902415.37E	171.71	4593	216	Yes
7	Tower at BTCL Office, Mogbazar.	234453.27N 902429.14E	174.31	10593	341	Yes
8	Wireless Mast at Mirpur Radio Centre.	234650.01N 902123.52E	211.16	8130	223	Yes
9	Wireless Mast at Savar Radio Centre.	235146.87N 901555.98E	279.21	13649	432	Yes
10	Wireless Mast at Nayarhat Radio Centre.	235422.99N 901156.15E	289.06	21428	683	Yes
11	Tower at Pallabi, Mirpur.	234931.66N 902135.22E	242.91	4352	213	Yes
12	Tower at Auchpara/Khortail, Tongi.	235512.09N 902308.26E	351.71	8575	217	Yes
13	Antenna at RAB-1, Uttara.	235127.83N 902413.53E	020.9	1704	262	Yes
14	Hotel Le Meridian, Nikunja-2	235011.93N 902504.17E	109.97	2167	216	Yes
15	Hotel Westin, Gulshan-2	234735.80 N902453.10 E	162.89	5815	365	Yes
16	Radio Mast, RAB- 4 (Paikpara), Mirpur	234708.99N 902125.55E	213.07	7593	266	Yes
17	Tower on Concord Regency, Panthapath	234508.67N 902256.39E	188.89	10186	264	Yes
18	CRP Hospital, Mirpur	234814.0N 902314.7E	193.59	4496	227	Yes
19	Queen Mary College, KA-90, Kuril	234906.5N 902515.9E	139.25	3637	166	-
20	ABC Heritage, Uttara	235139.5N 902356.0E	003.3	1955	194	Yes
21	Garden Tower, Paribagh	234432.3N 902339.3E	181.84	11197	230	Yes
22	Syed Centre, Rd#35, Sector-7, Uttara	235216.10N 902400.40E	004.41	3087	219	Yes
23	A.H.Tower, House- 35, Sector-3, Uttara, Dhaka	2352 00.6 N 902358.5 E	004.03	2607	232	Yes

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

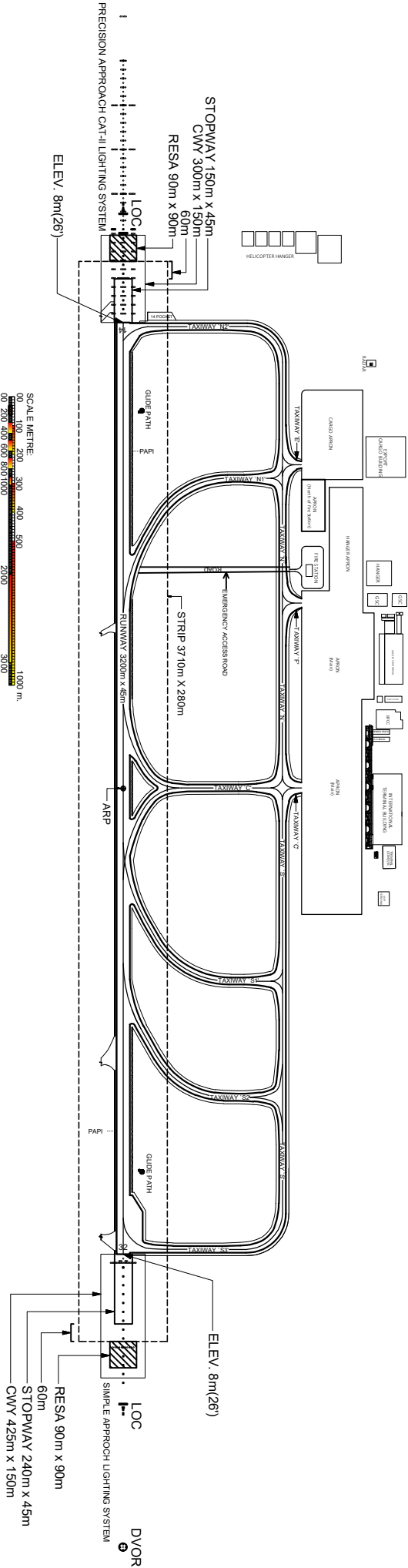
AERODROME CHART-ICAO

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

MAGNETIC VARIATION 1° W



SCALE METRE:
0 100 200 300 400 500 1000 m.
0 200 400 600 800 1000 2000 3000
FEET



SCALE METRE:
0 100 200 300 400 500 1000 m.
0 200 400 600 800 1000 2000 3000
FEET

CHANGE : THR ELEV

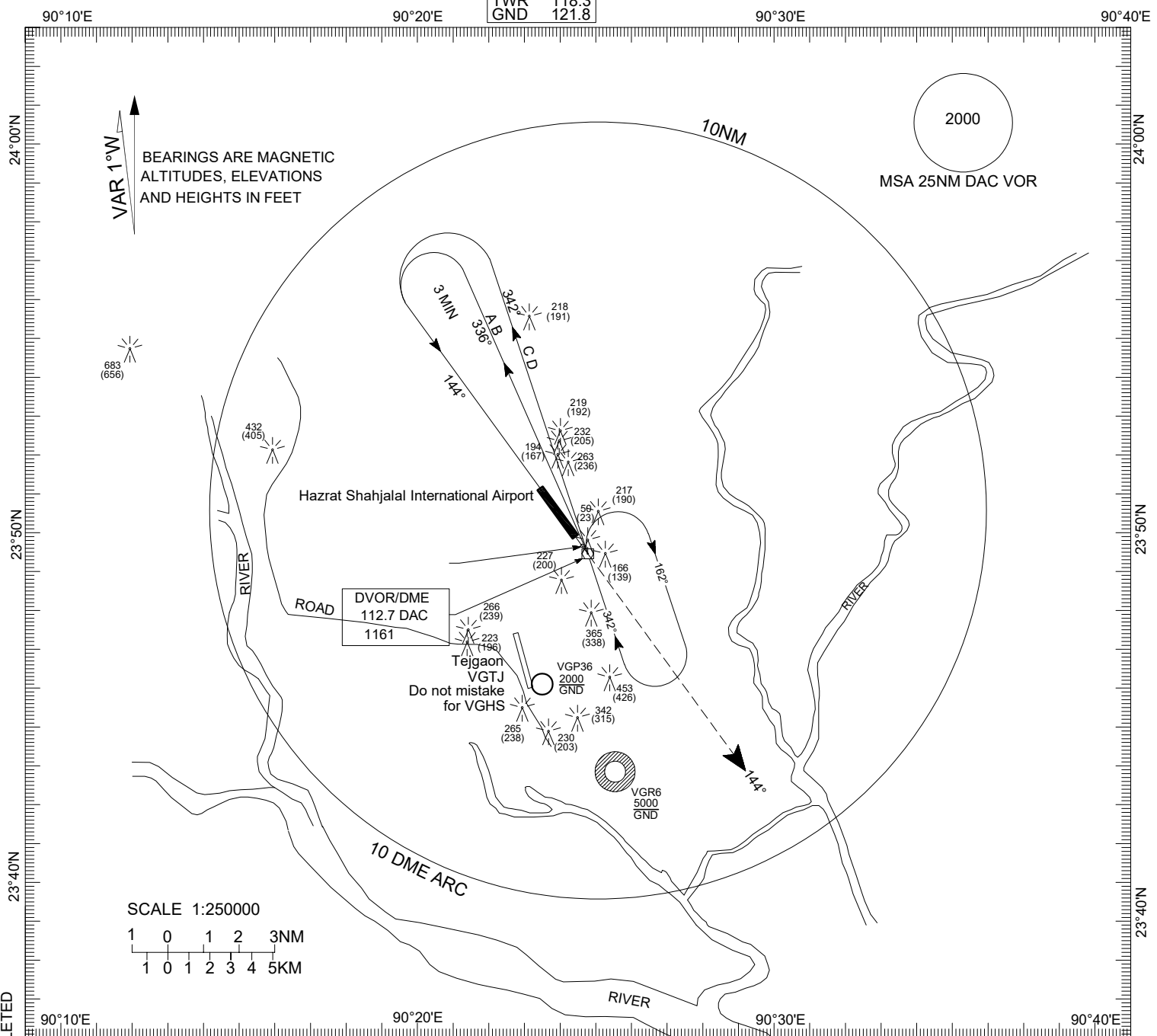
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INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR RWY 14



TRANSITION ALTITUDE 6000FT

CAT C & D ← 342°
CAT A & B ← 336°

DAC
VOR

3000
(2974)

1500
(1474)

144°

MAPt

144°

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

THR ELEV 26

MET MINIMA
VIS 2800m

CATEGORY OF ACFT

A B C D

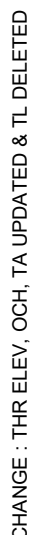
OCA (H)

470
(444)

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

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



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AIP BANGLADESH

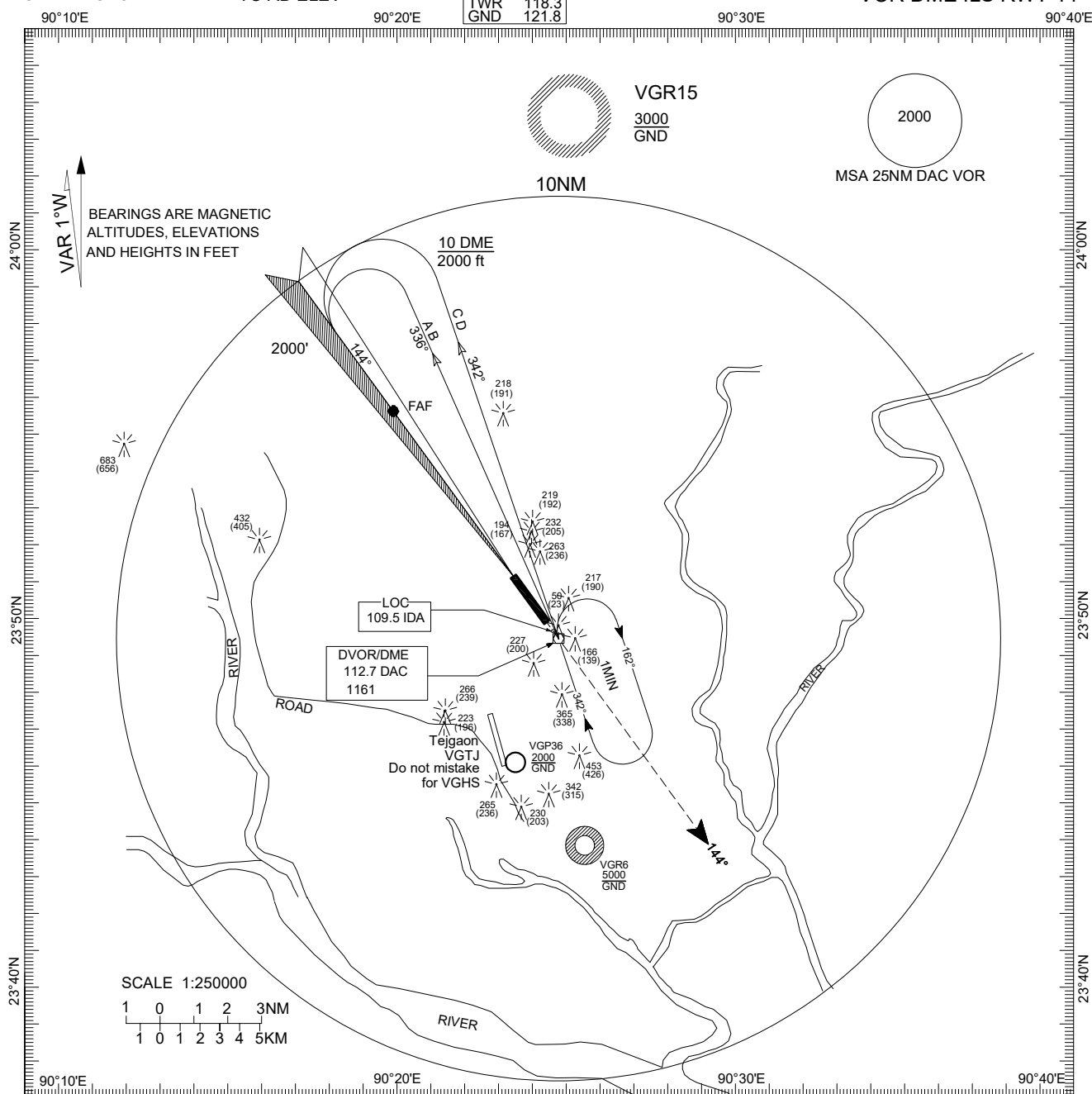
VGHS AD 2-27
02 OCT 2025

INSTRUMENT
APPROACH
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

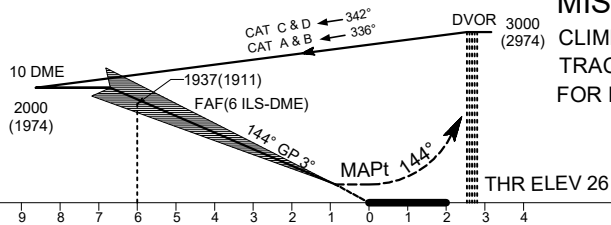
ATIS 127.4
ACC(U) 125.7
ACC(L) 126.7
APP 121.3
TWR 118.3
GND 121.8

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



TRANSITION ALTITUDE 6000FT

ILS RDH 51ft



MISSED APPROACH

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

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

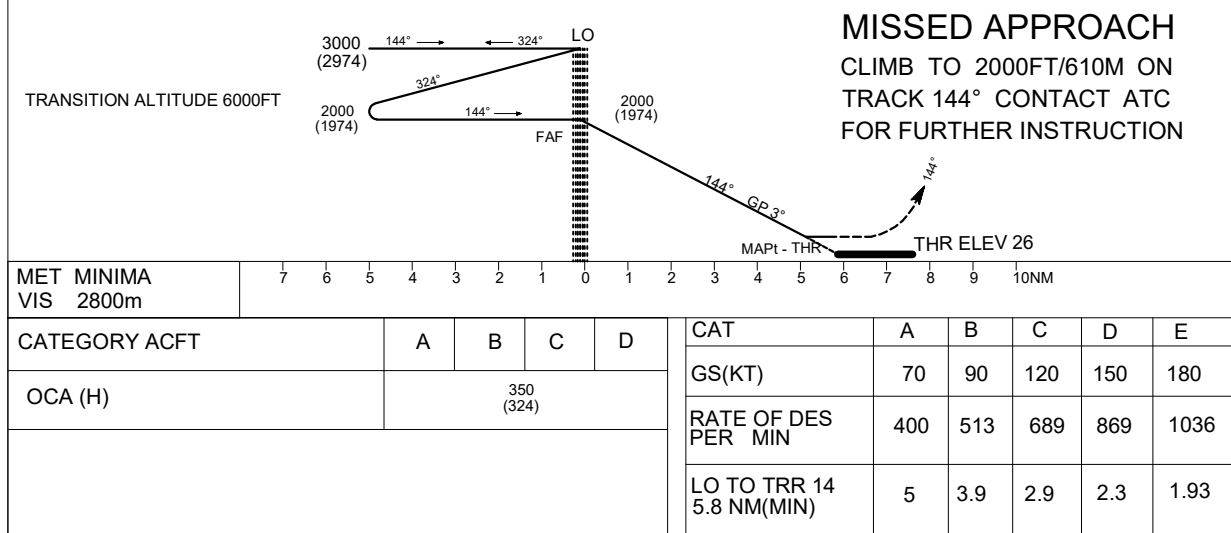
CATEGORY OF ACFT			A	B	C	D
OCA (H)		Full	230 (204)	240 (214)	250 (224)	261 (235)
		GP out	350(324)			
DISTANCE (ILS-DME)	6DME	5DME	4DME	3DME	2DME	1DME
ALTITUDE	1940	1620	1310	990	670	350
(HEIGHT)	(1913)	(1593)	(1283)	(963)	(643)	(323)

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

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

90°30'E



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AIP
BANGLADESH

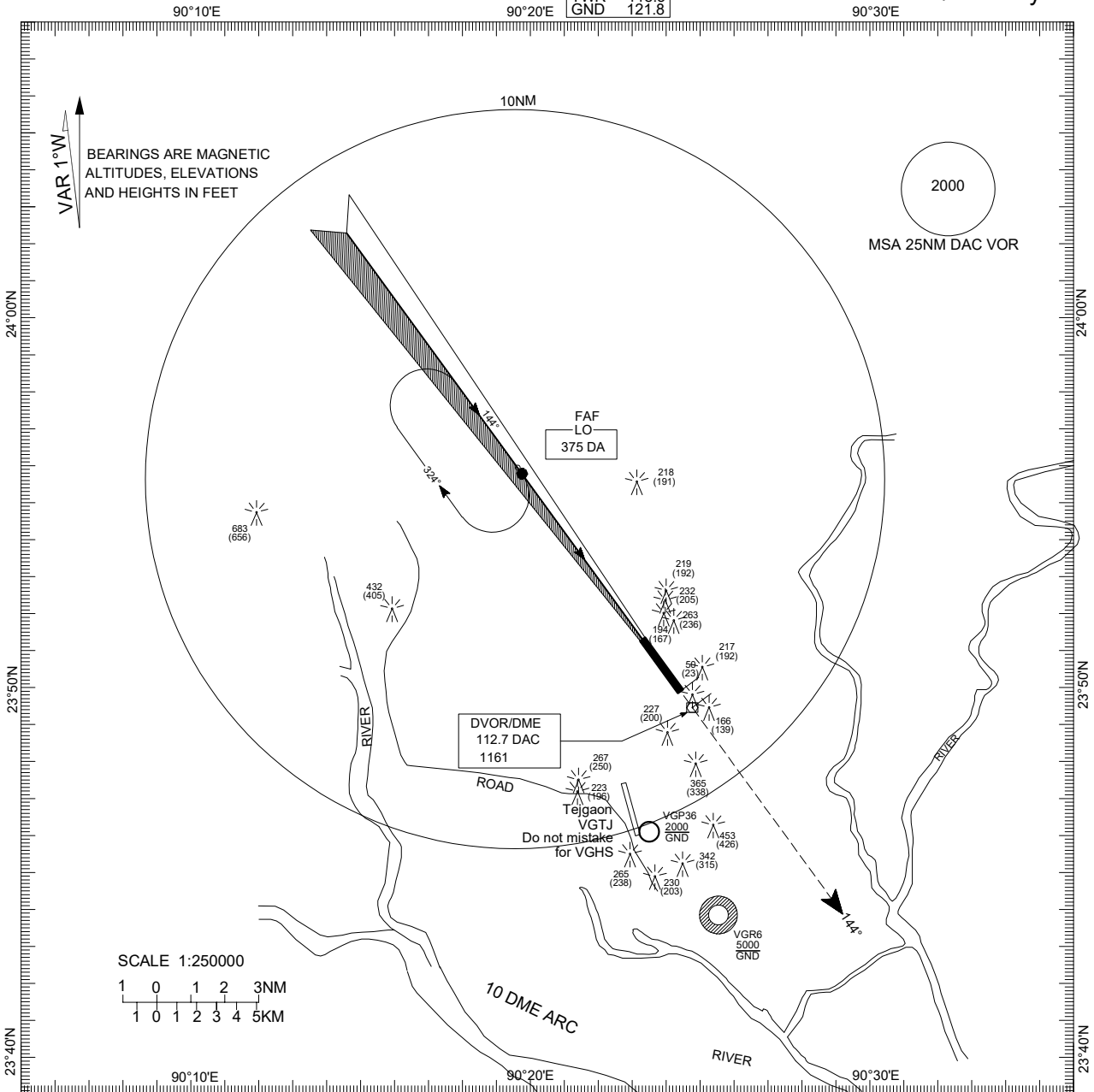
VGHS AD2-31
02 OCT 2025

INSTRUMENT
APPROACH
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

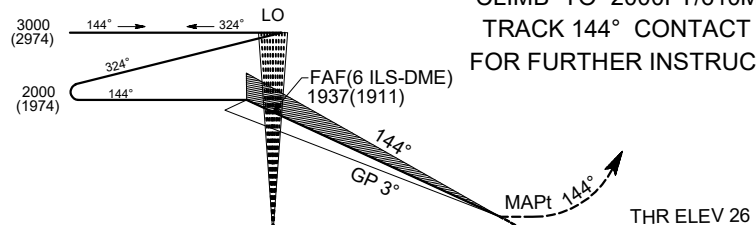
ATIS 127.4
ACC(U) 125.7
ACC(L) 126.7
APP 121.3
TWR 118.3
GND 121.8

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



TRANSITION ALTITUDE 6000FT

ILS RDH 51ft



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

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

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

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INSTRUMENT

APPROACH

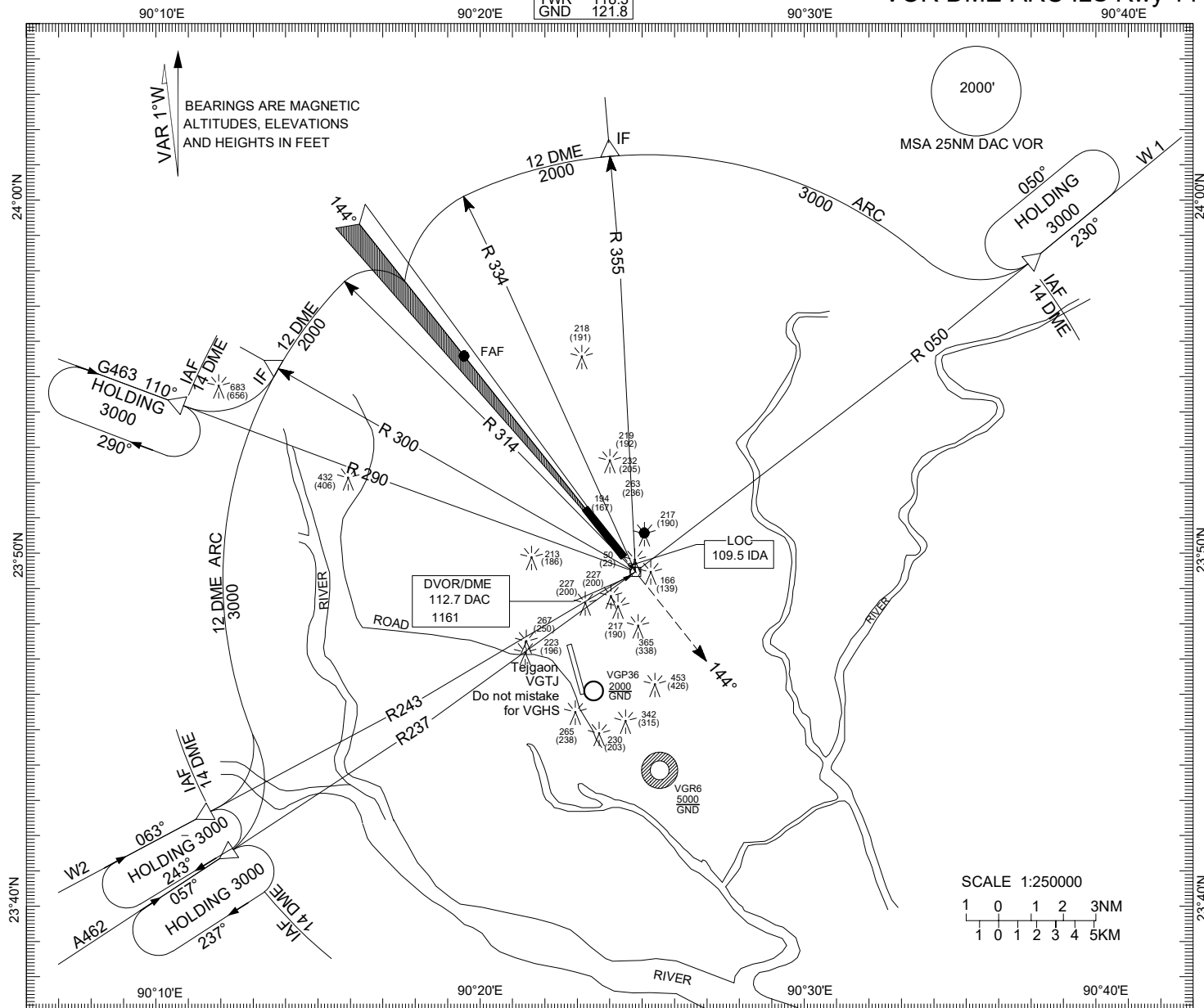
CHART-ICAO

ELEV 26 FT

HEIGHTS RELATED

TO AD ELEV

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

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR DME-ARC ILS Rwy 14**MISSED APPROACH**
CLIMB TO 2000FT/610M ON
TRACK 144° CONTACT ATC
FOR FURTHER INSTRUCTION

TRANSITION ALTITUDE 6000FT

ILS RDH 51

MET MINIMA (m)

FALS :Vis 800 or RVR 600

BALS :Vis 1200 or RVR 1100

NALS :Vis 1400 or RVR 1300

GP OUT: 2000 (CAT A,B)

& 2800 (CAT C,D,E)

CATEGORY OF ACFT

OCA (H)

Full

GP out

A

B

C

D

DISTANCE (ILS-DME)

6DME

5DME

4DME

3DME

2DME

1DME

ALTITUDE

1940

1620

1310

990

670

350

(HEIGHT)

(1913)

(1593)

(1283)

(963)

(643)

(323)

SPEED

Knots

90

120

150

180

Rate of descent/GS

Ft/min

480

635

795

955

FAF TO THR14

Minits

3.52

2.54

2.19

1.56

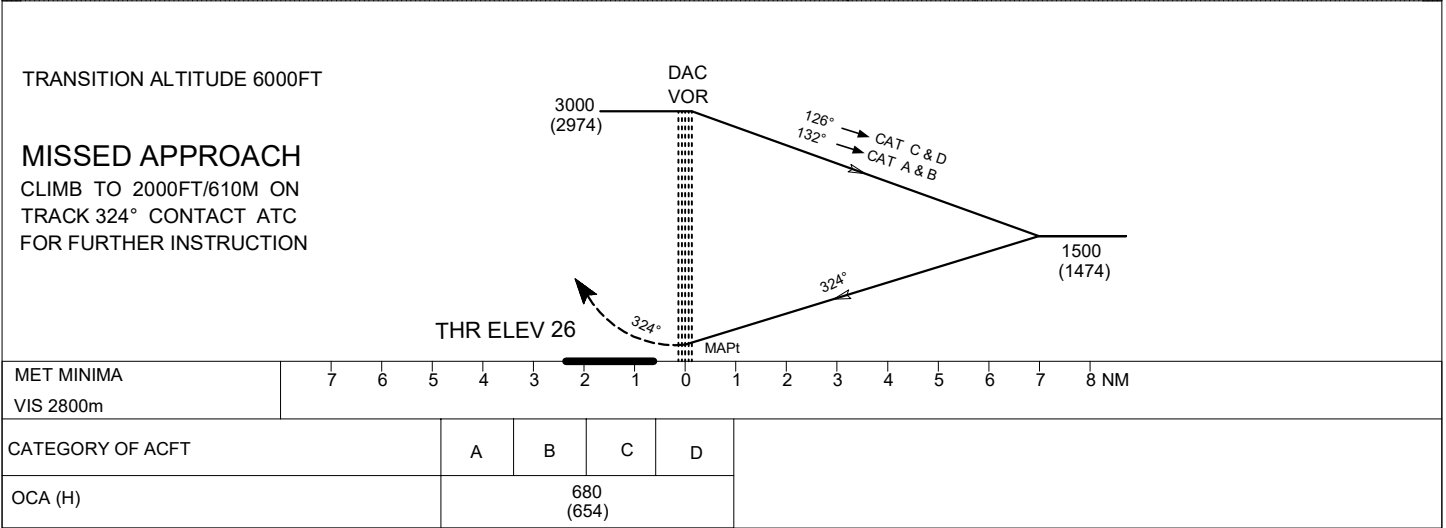
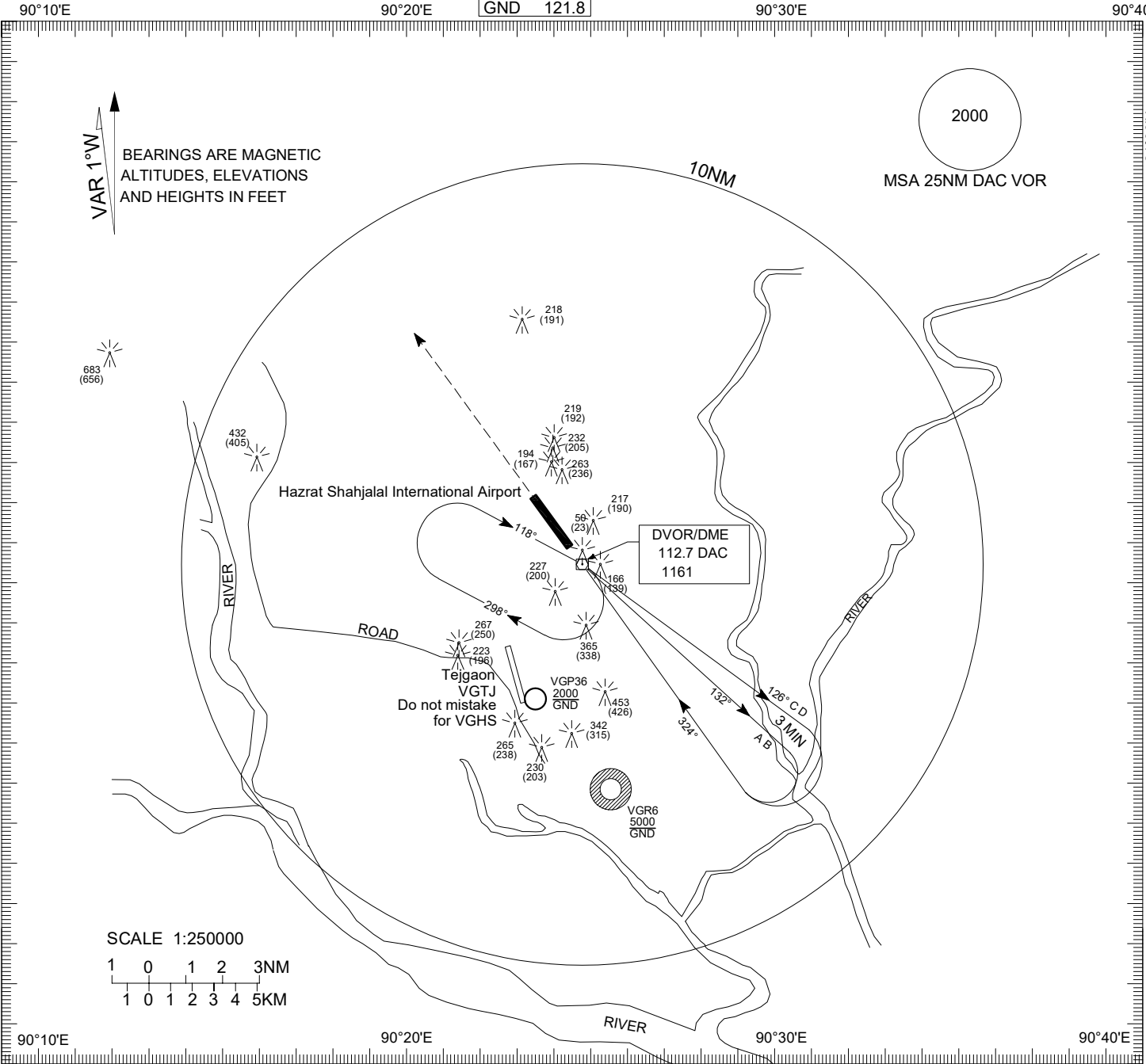
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INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR RWY 32



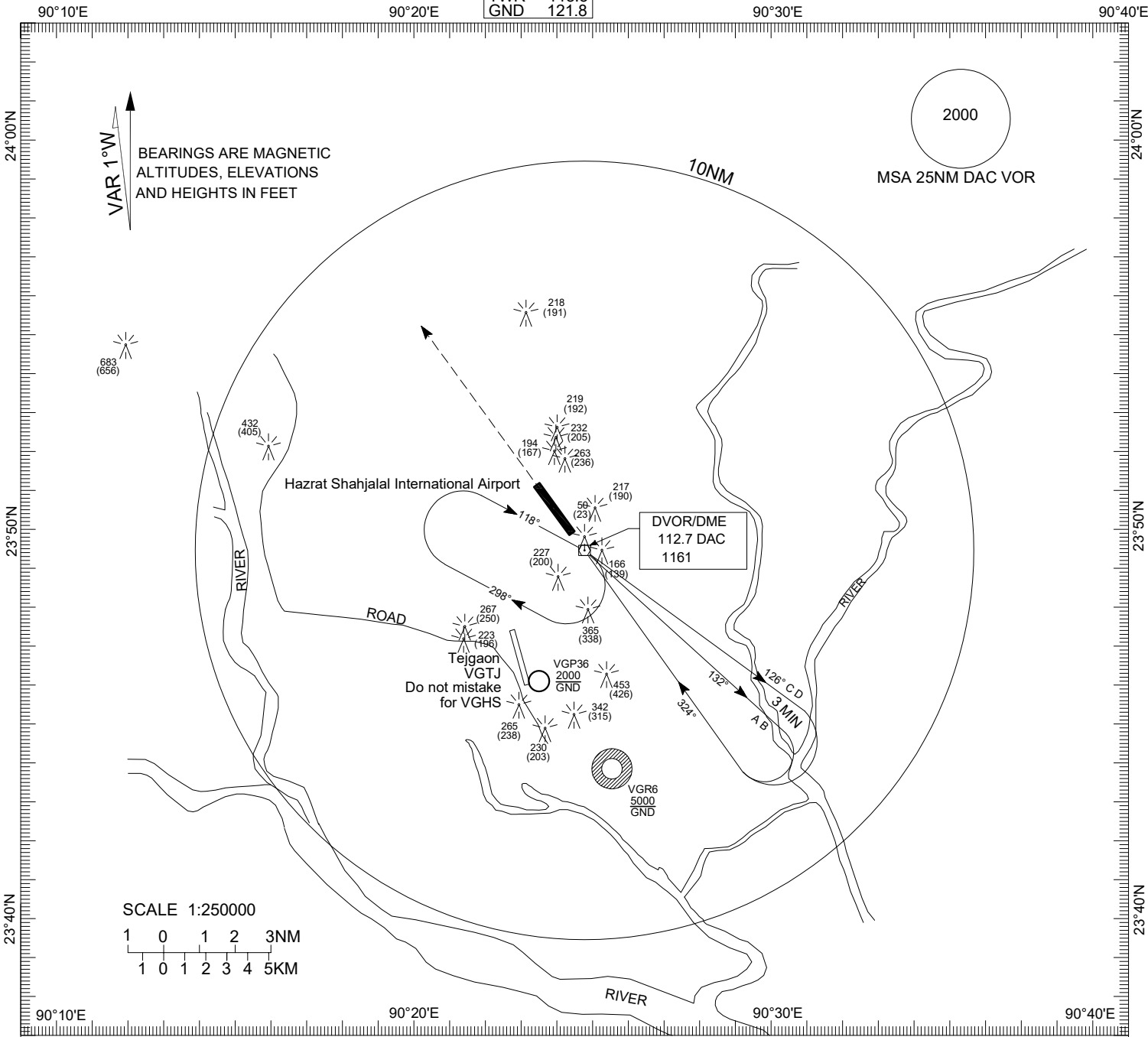
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INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

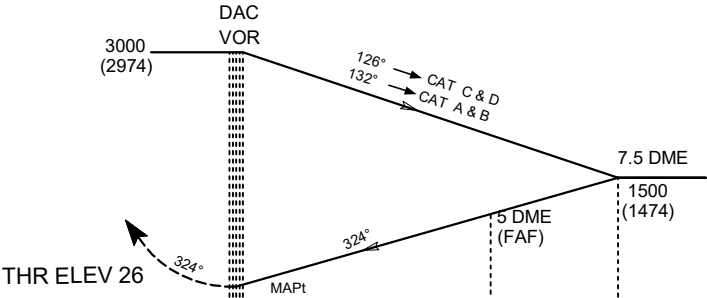
DHAKA, BANGLADESH
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
VOR/DME (1) RWY 32



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

TRANSITION ALTITUDE 6000FT

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



MET MINIMA VIS 2800m	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	10	NM
CATEGORY OF ACFT	A	B	C	D															
OCA (H)			480 (454)																

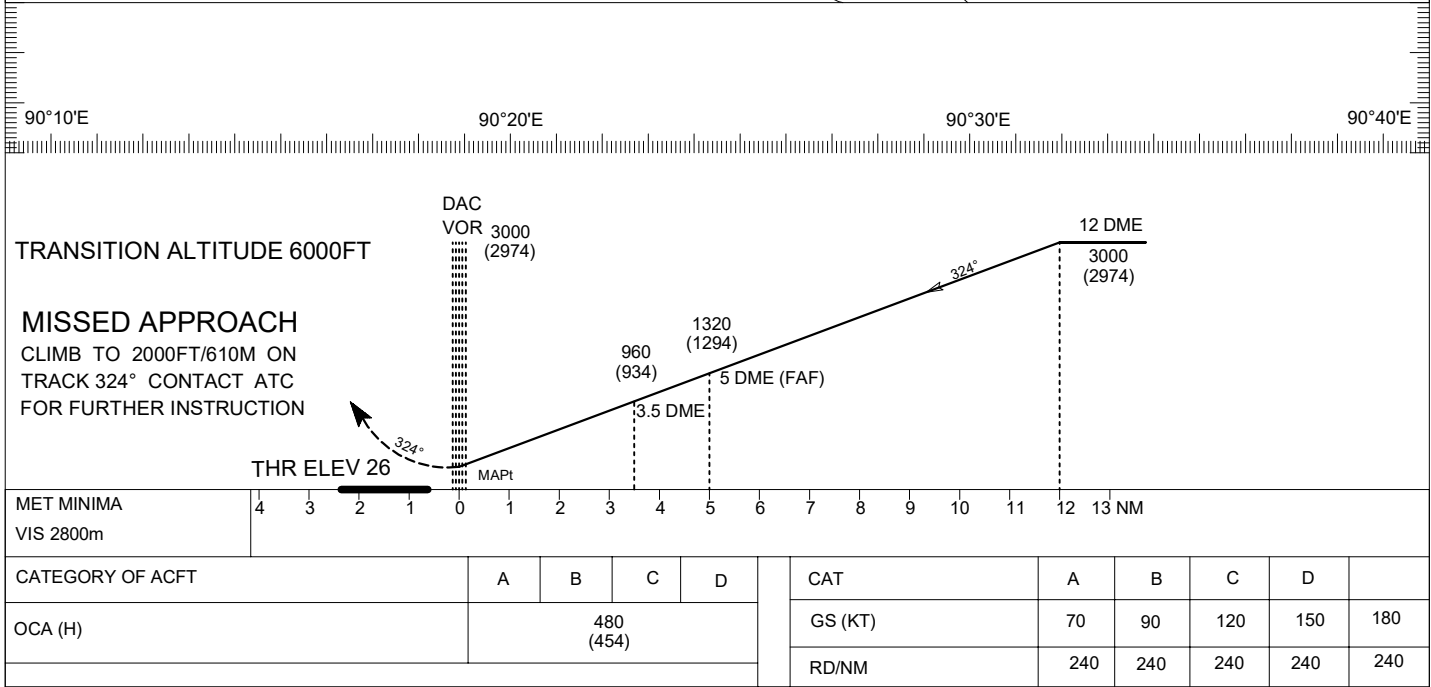
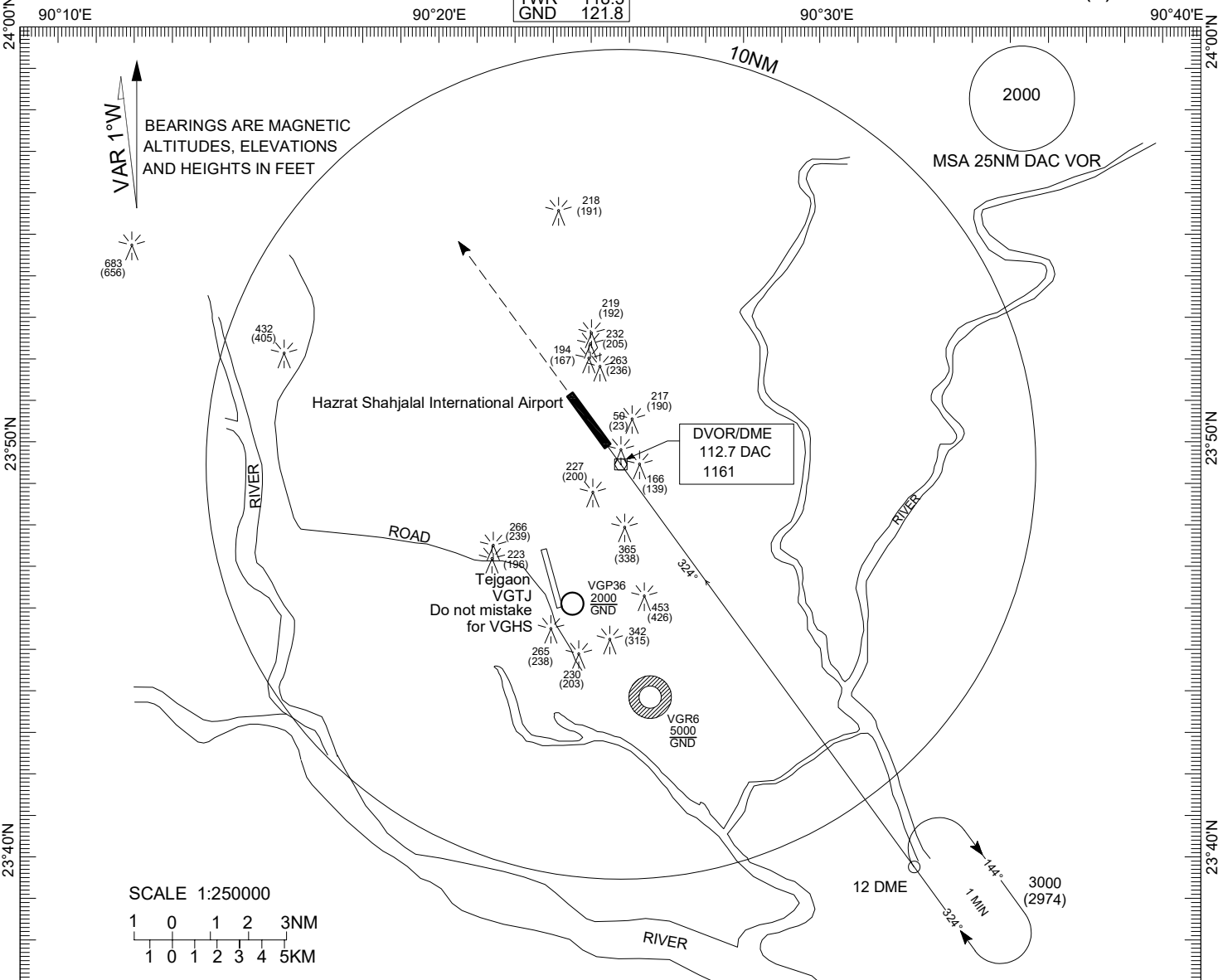
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INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

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



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AIP
BANGLADESH

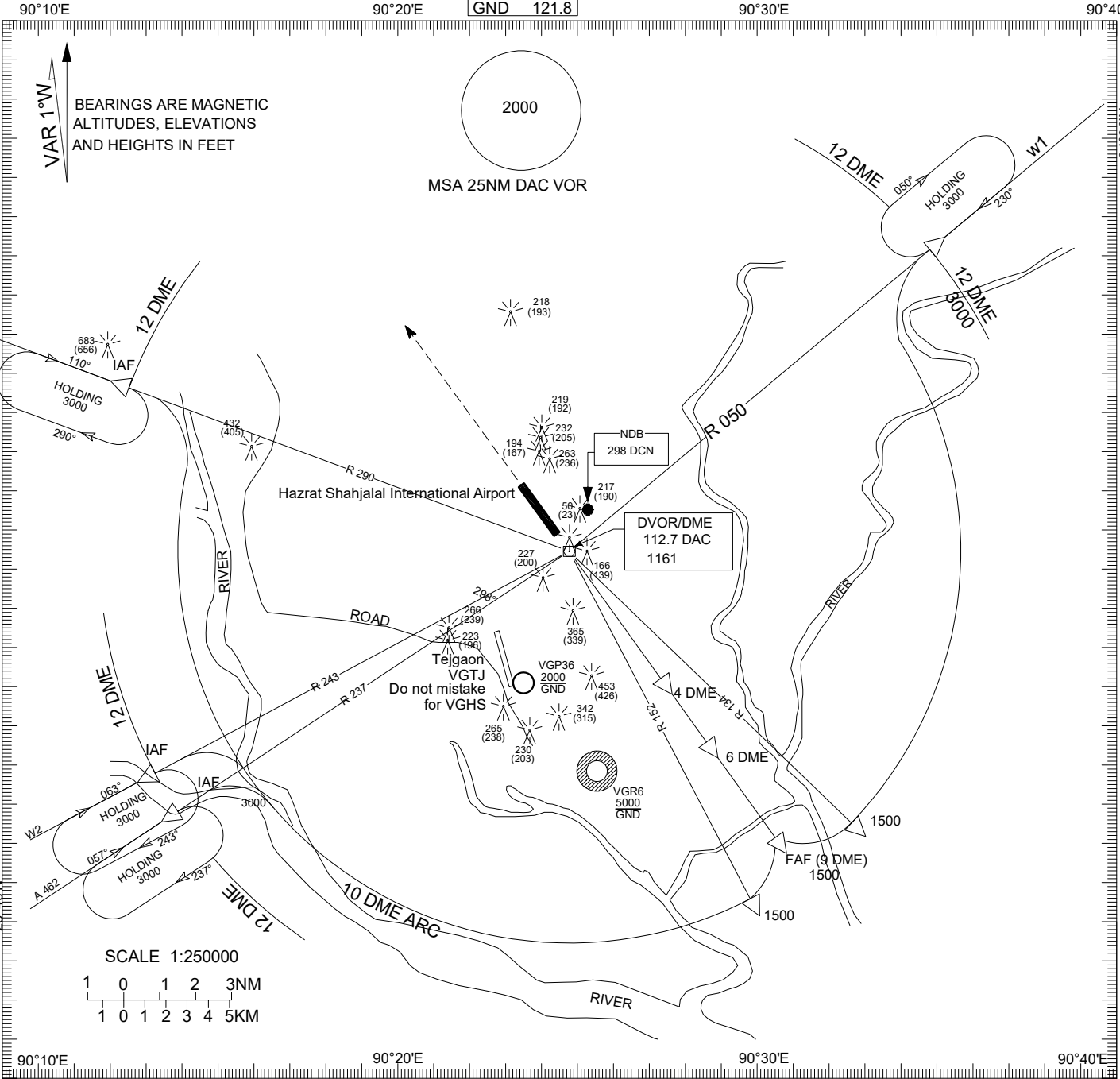
VGHS AD 2-41
02 OCT 2025

INSTRUMENT
APPROACH CHART
CHART-ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

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



TRANSITION ALTITUDE 6000FT

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

MET MINIMA
VIS 2800m

CATEGORY OF ACFT

A B C D

OCA (H)

480
(454)

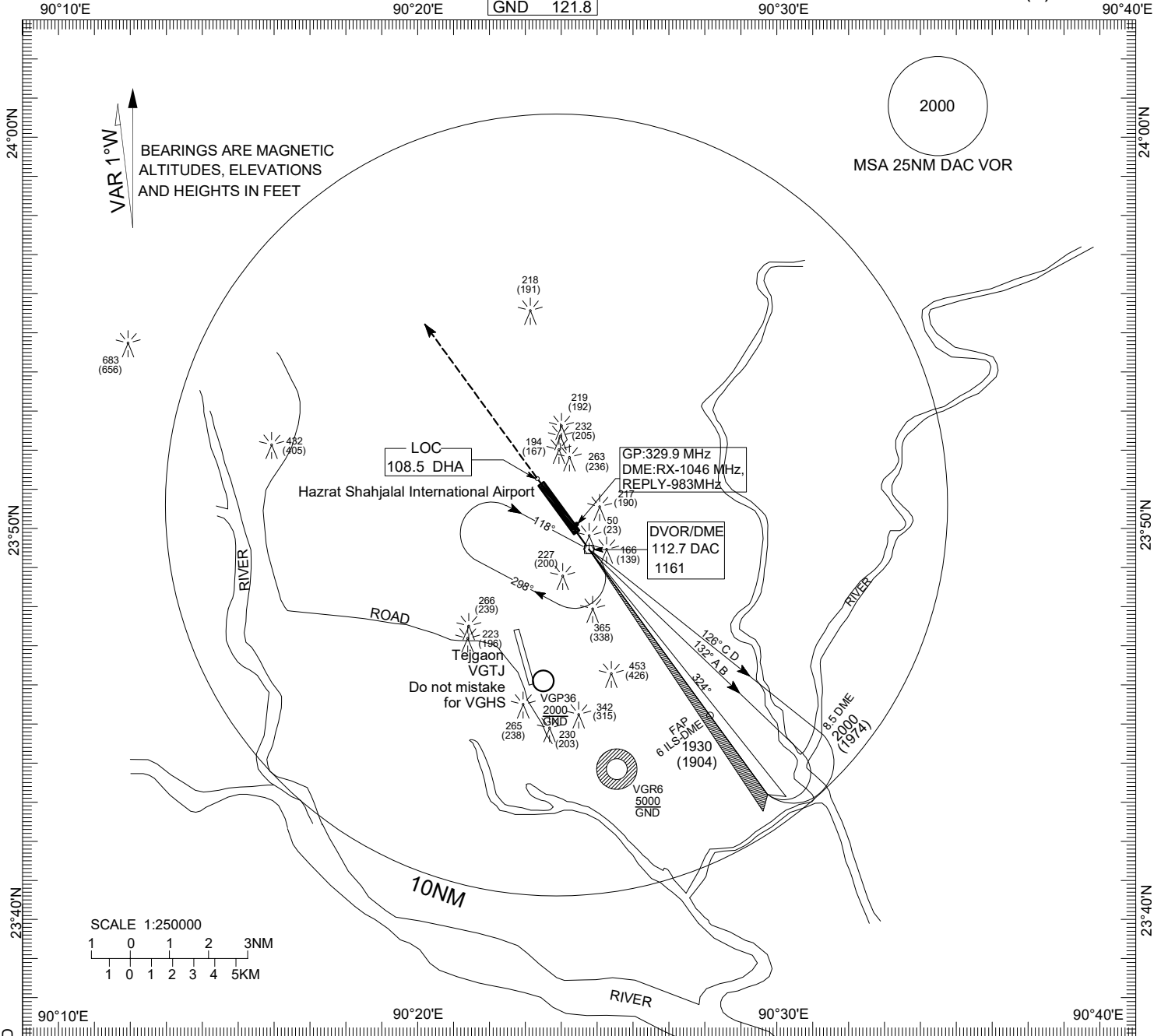
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INSTRUMENT
APPROACH
CHART - ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

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



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

TRANSITION ALTITUDE 6000FT
ILS RDH 52ft

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

THR ELEV 26

VOR DAC

3000 (2974)

126° → CAT C & D
132° → CAT A & B

FAP 6 ILS-DME 1930 (1904)

8.5 DME 2000 (1974)

GP 3°

324°

CATEGORY OF ACFT					CAT						
					A	B	C	D			
OCA (H)	FULL	300 (274)	310 (284)	320 (294)	330 (304)	SPEED	KNOTS	90	120	150	180
	GP OUT	350 (324)				RATE OF DESCENT	FT/MIN	480	635	795	955
						MET MINIMA (m)	BALS	1200m	NALS	1400m	GP OUT

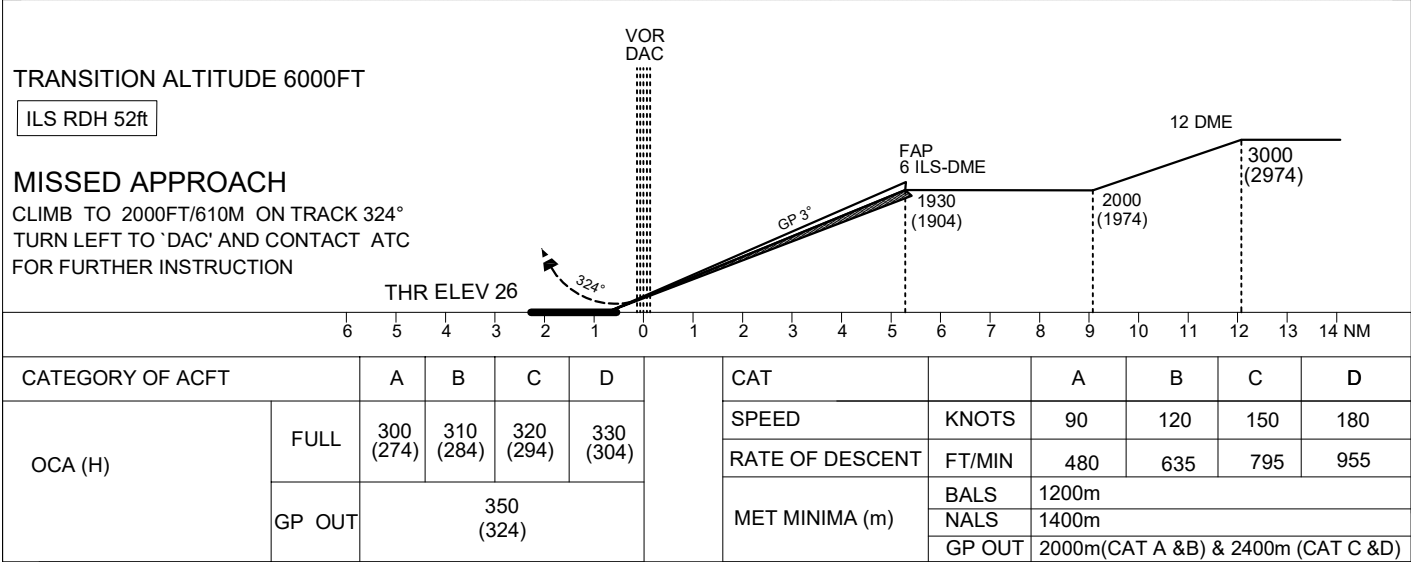
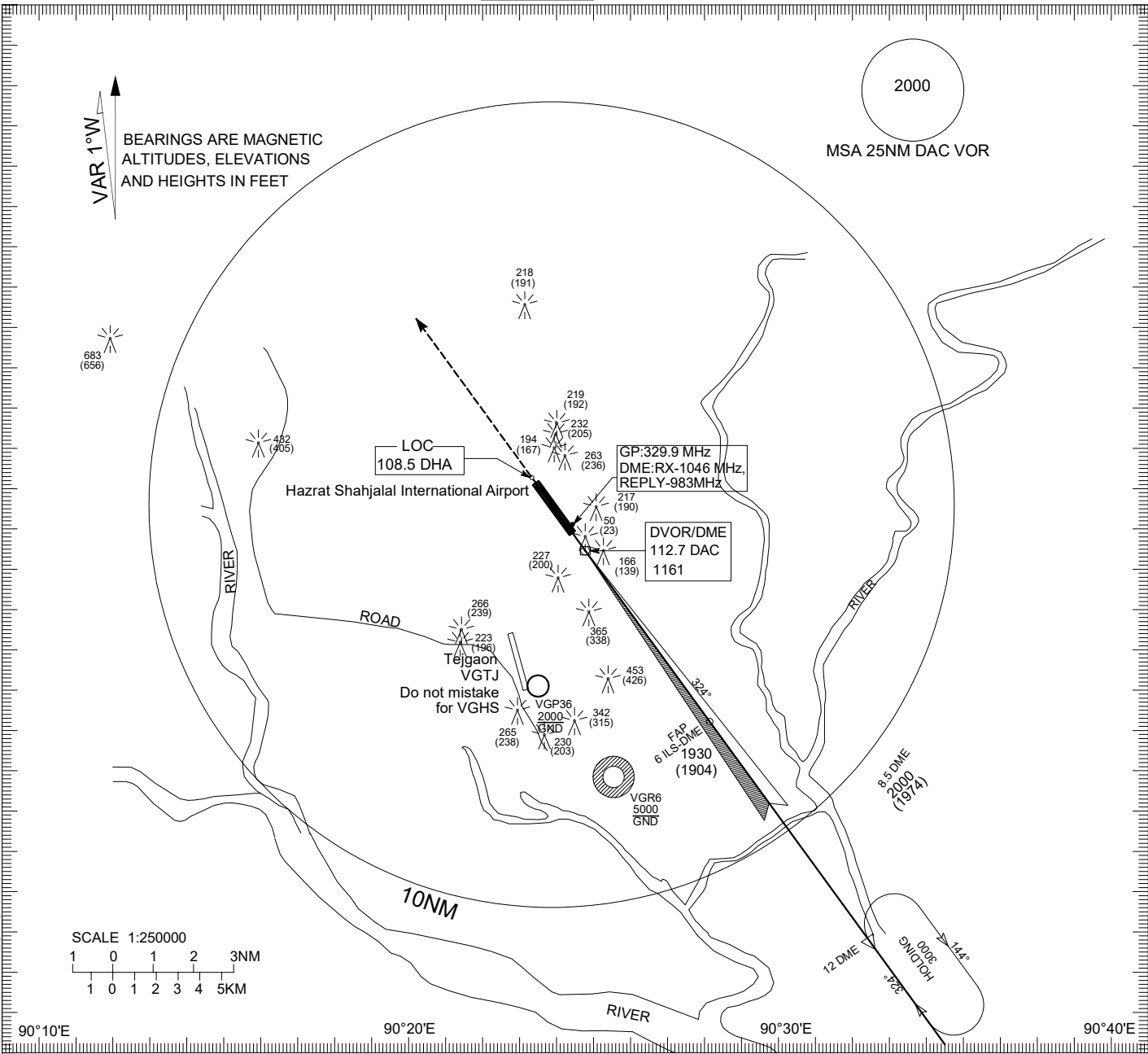
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INSTRUMENT
APPROACH
CHART - ICAO

ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

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

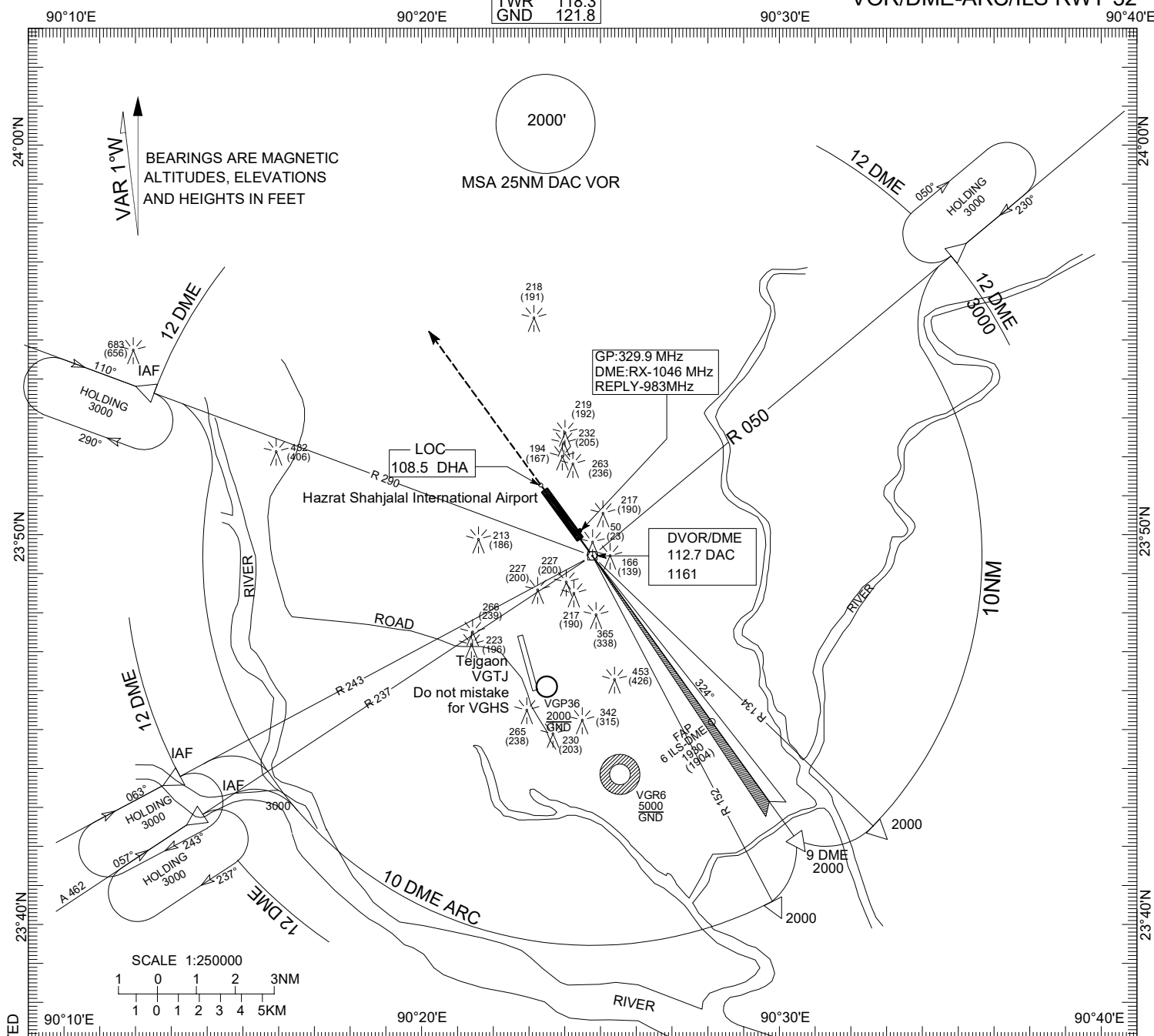


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ELEV 26 FT
HEIGHTS RELATED
TO AD ELEV

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

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



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

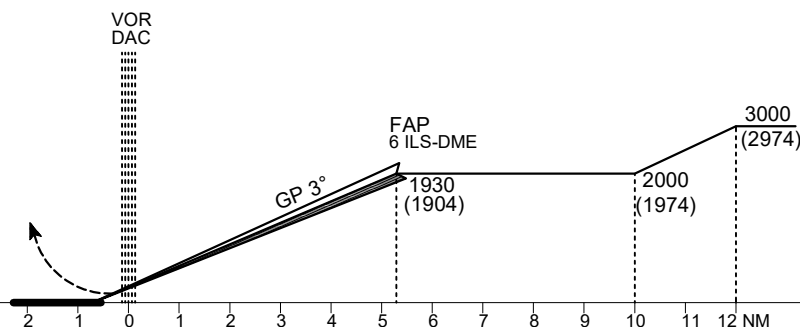
TRANSITION ALTITUDE 6000FT

ILS RDH 52ft

MISSED APPROACH

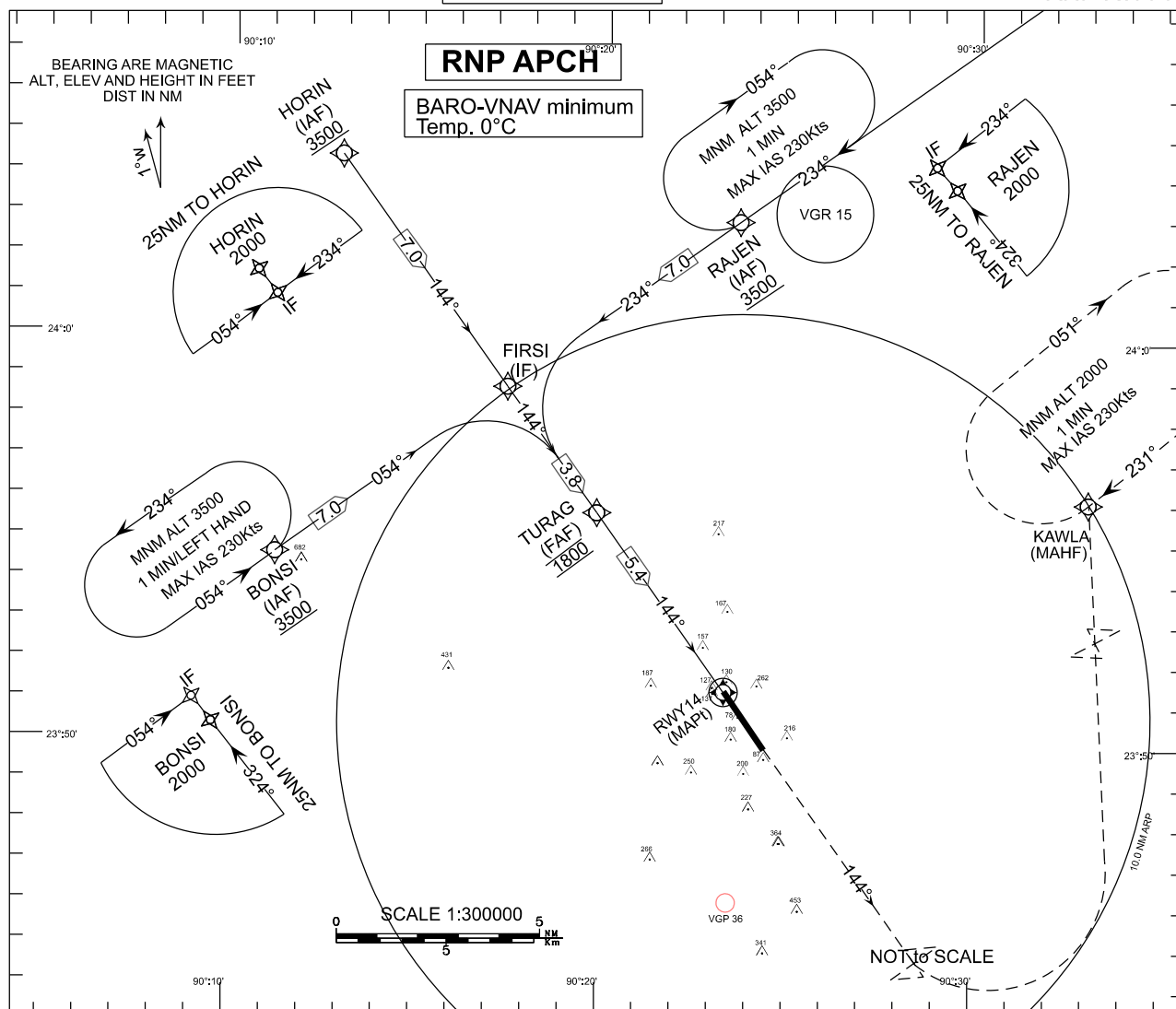
CLIMB TO 2000FT/610M ON TRACK 324°
TURN LEFT TO 'DAC' AND CONTACT ATC
FOR FURTHER INSTRUCTION

THR ELEV 26



CATEGORY OF ACFT		A	B	C	D							
OCA (H)	FULL	300 (274)	310 (284)	320 (294)	330 (304)		SPEED	KNOTS	90	120	150	180
							RATE OF DESCENT	FT/MIN	480	635	795	955
	GP OUT	350 (324)					MET MINIMA (m)	BALS	1200m			
								NALS	1400m			
						GP OUT		2000m(CAT A & B) & 2400m (CAT C & D)				

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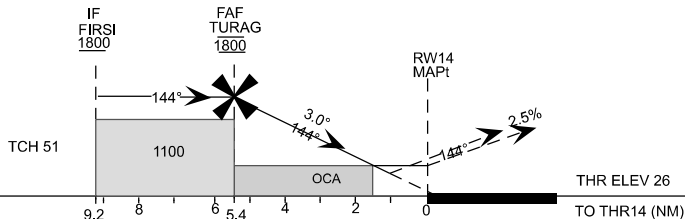
INSTRUMENT
APPROACH
CHART - ICAOAD ELEV 26 (ft)
OCH RELATED TO
THR RWY 14-ELEV 26(ft)TWR : 118.3 MHz (PRI)
119.3 MHz (SDBY)
SMC : 121.8 MHzDHAKA, BANGLADESH
HAZRAT SHAHJALAL INT'L AIRPORT
RNP RWY14

TRANSITION ALTITUDE 6000FT

MISSED APPROACH:

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

NO TURN BEFORE MAPt.



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

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

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

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

INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV 26FT
HEIGHTS RELATED TO
THR RWY14 - ELEV 26FTDHAKA, BANGLADESH
HAZRAT SHAHJALAL INT'L AIRPORT
RNP RWY14

CODING TABLE

TABULAR DESCRIPTION

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

WAYPOINT LIST

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

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

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



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

NO TURN BEFORE MAPt.



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

CODING TABLE

TABULAR DESCRIPTION

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

WAYPOINT LIST

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

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

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

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

Sl.Nr.	Name of the Critical Points/Obstacles/ Structures	WGS-84 Co-ordinates		Elevation	
		Latitude	Longitude	Feet	Meter
20	AWOAS Antenna, SAIA, Patenga, Chattogram.	22°15'20.45" N	91°49'19.24" E	48.25	14.71
21.	Naval Hanger, SAIA, Airport Road, South Patenga, Chattogram.	22°15'15.22" N	91°49'26.08" E	54.72	16.68
22.	Mobile Tower, BAF Shaheen College, Airport Road, Patenga, Chattogram	22°15'56.60" N	91°48'51.58" E	110.07	33.55
23.	Baraka Patenga Power Ltd., Chinees Gate, Patenga, Chattogram.	22°14'19.24" N	91°48'47.26" E	116.08	35.38
24.	Academic Building BangaBondhu Complex, Naval Academy, Patenga, Chattogram.	22°13'46.68" N	91°48'01.44" E	131.75	40.15
25.	PDB Tower, Inside TSP Complex Area, EPZ, Chattogram.	22°16'22.32" N	91°47'50.80" E	146.87	44.76
26.	15 Storied building (Oporajita), 53, GCO Quarter, Nabik Colony-1, Freeport, EPZ, Chattogram.	22°17'32.82" N	91°46'53.52" E	180.16	54.91
27.	Mobile Tower at Steel Mill Bazar, NarikelTala, Patenga, Patenga, Chattogram.	22°16'32.71" N	91°47'09.82" E	144.21	43.95
28.	Tower of Port Authority, Rubi Cement Factory, 7No.Gate, EPZ, Patenga, Chattogram.	22°16'42.35" N	91°47'50.90" E	120.41	36.70
29.	CO ₂ Stripper, Chattogram Urea Fertilizer Ltd., Anwara, Anwara, Chattogram.	22°12'55.83" N	91°49'36.20" E	249.50	76.04
30.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'14.40" N	91°50'53.18" E	102.82	31.34
31.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'17.66" N	91°50'46.81" E	115.57	35.23
32.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'20.66" N	91°50'39.78" E	99.21	30.24
33.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'23.66" N	91°50'33.60" E	107.94	32.90
34.	High Tension Grid Line, ApprochFanel Area, Fakirnir Hat, Karnafuly, Chattogram.	22°16'27.97" N	91°50'24.40" E	106.77	32.54

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°C
4	MAG VAR /Annual change	1° W (2020) Annual change 2'W
5	AD administration, address, telephone, fax, AFS	Civil Aviation Authority of Bangladesh Postal address: Director, Osmani International Airport, Sylhet, Postal code 3102, Bangladesh Telephone: Director: 02996631143 Control TWR: 02996634315 AFS: VGSYZTZX
6	Types of traffic permitted	IFR/VFR
7	Remarks	Nil

VGSY AD 2.3 OPERATIONAL HOURS

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

VGSY AD 2.4 HANDLING SERVICES AND FACILITIES

Manual Handling

VGSY AD 2.5 PASSENGER FACILITIES

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

VGSY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

VGSY AD 2.7 SEASONAL AVAILABILITY CLEARING

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

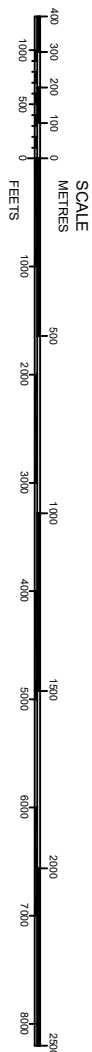
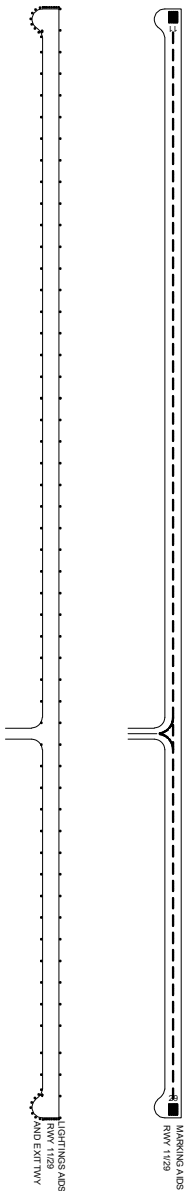
VGSY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

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

VGSY AD 2.9 SURFACE MOVEMENT GUIDANCE, CONTROL SYSTEM AND MARKINGS

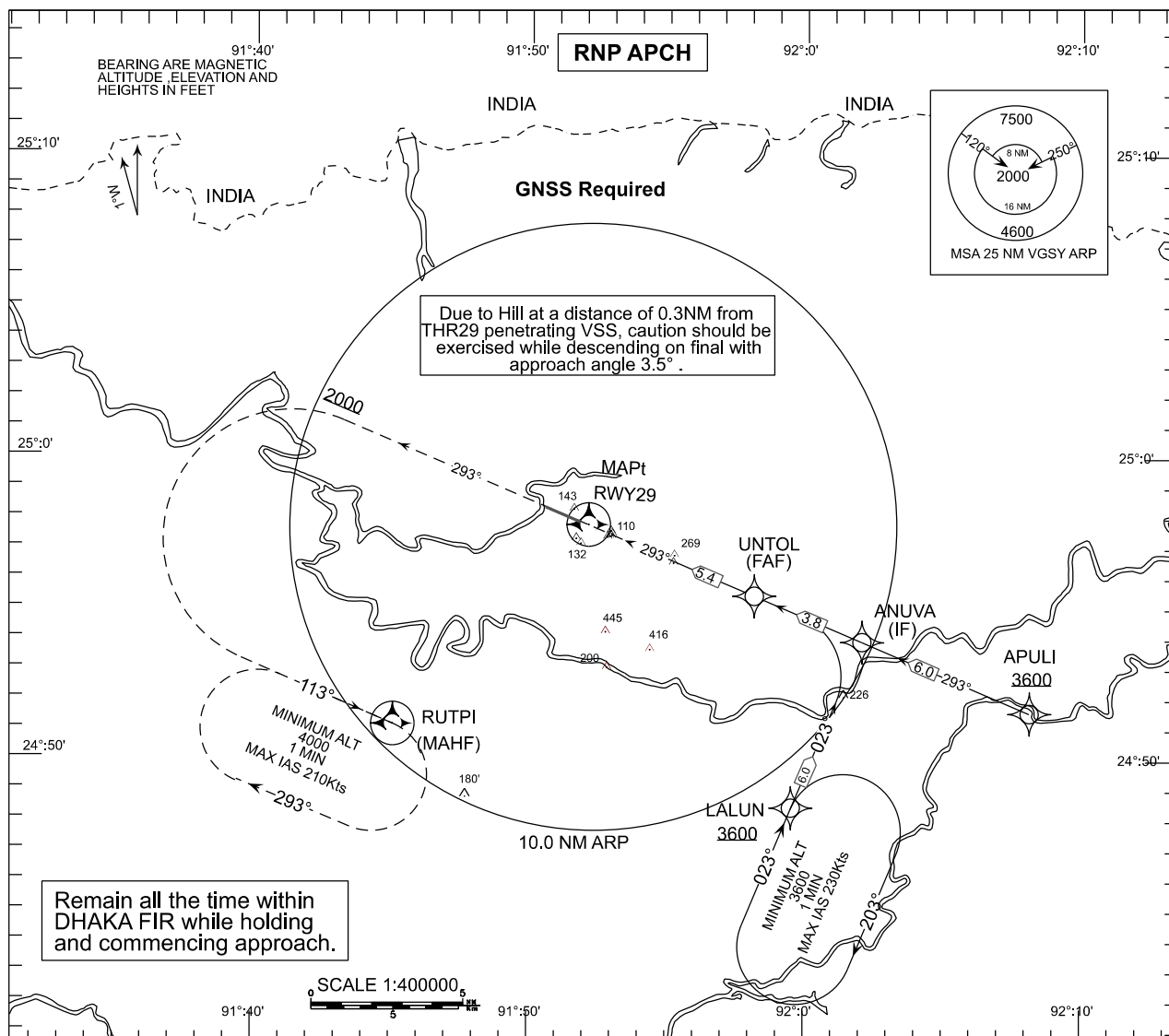
1	Stand identification/taxiway guidelines/ visual docking/parking guidance	Taxiing guidance signs at intersection with TWY and RWY. Guidance at apron: Nose-in guidance at aircraft stands. - Due to parking and maneuvering problem, all ACFT with wing-span more than 80ft operating to/fm Osmani International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

OSMANI INTERNATIONAL AIRPORT, SYLHET

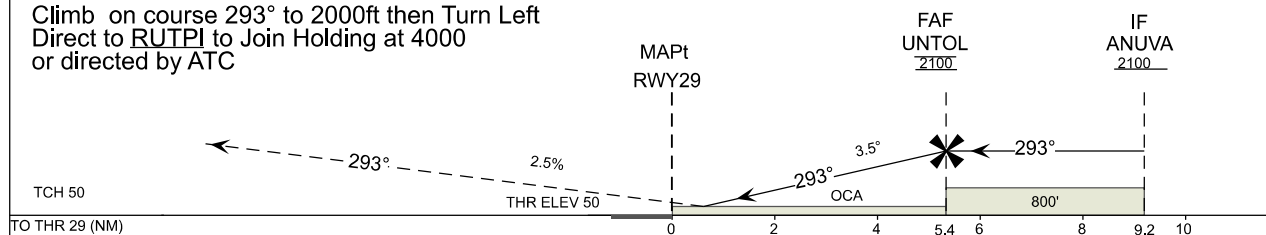


DECLARED DISTANCES	
RWY 11	RWY 29
3125m TAKE OFF RUN AVAILABLE 3125m	
3400m TAKE OFF DISTANCE AVAILABLE 4030m	
3192m ACCELERATE STOP DISTANCE AVAILABLE 3125m	
3125m LANDING DISTANCE AVAILABLE 3079.3m	
90m RWY END SAFETY AERA 90m	

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INSTRUMENT
APPROACH
CHART - ICAOAD ELEV 50 (ft)
OCH RELATED TO
THR RWY 29-ELEV 50(ft)TWR 122.9(PRI)
122.5(Stand by)SYLHET, BANGLADESH
OSMANI INTERNATIONAL AIRPORT
RNP RWY29 (LNAV ONLY)**MISSED APPROACH:**

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



OCA(OCH)		A	B	C	D
LNAV		550 (500)			
CIRCLING		590	600	840	840
DISTANCE	5 NM to RWY29	4 NM to RWY29	3 NM to RWY29	2 NM to RWY29	1 NM to RWY29
ALTITUDE	1960	1590	1220	850	480
(HEIGHT)	(1910)	(1540)	(1170)	(800)	(430)

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

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

Change : TCH & FAF ALT in Profile view

CODING TABLE :

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

WAYPOINT LIST

RNP RWY29 (LNAV only)

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

VGCB AD 2.10 AERODROME OBSTACLES

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

VGCB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

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

VGCB AD 2.12 RUNWAYS PHYSICAL CHARACTERISTICS

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

VGCB AD 2.13 DECLARED DISTANCES

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

VGCB AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designation	APCH LGT Type LEN & INTST	THR LGT colour & WBAR	PAPI	TDZ LGT LEN	RWY Centre line LGT	RWY edge LGT, LEN. Spacing colour & INTST	RWY END LGT colour & WBAR	SWY LGT	Remarks
1	2	3	4	5	6	7	8	9	10
17	Simple approach lighting system LEN-total 150m Row to Row-30m	Green	PAPI 3 ⁰	NIL	NIL	Last 2000ft amber rest white, omni-directional 1% 3% 10% 30% 100% LEN-light to light-60m	Red unidirectional	NIL	NIL
35	Simple approach lighting system LEN-total 420m Row to Row-30m	Green	PAPI 3 ⁰	NIL	NIL	Last 2000ft amber rest white, omni-directional 1% 3% 10% 30% 100% LEN-light to light-60m	Red unidirectional	NIL	NIL

VGCB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	LDI location and LGT Anemometer location and LGT	NIL Anemometer over Tower & Lighted.
2	Wind Socks and lights	Windsocks both end of RWY 17/35
3	TWY edge and Centre line lighting	Edge: Blue edge lights for all TWYs Centre line: NIL
4	Secondary power supply and switch over time	During main power supply failure, Automatic stand by generator power supply available within 15 seconds.
5	Remarks	Apron flood lights: avbl

VGCB AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGCB AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

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

VGCB AD 2.18 AIR TRAFFIC SERVICES COMMUNICATIONS FACILITIES

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

NAVIGATION VGCB AD 2.19 RADIO AND LANDING AIDS

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

VGCB AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGCB AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

VGCB AD 2.22 FLIGHT PROCEDURES

As Directed By ATC

VGCB AD 2.23 ADDITIONAL 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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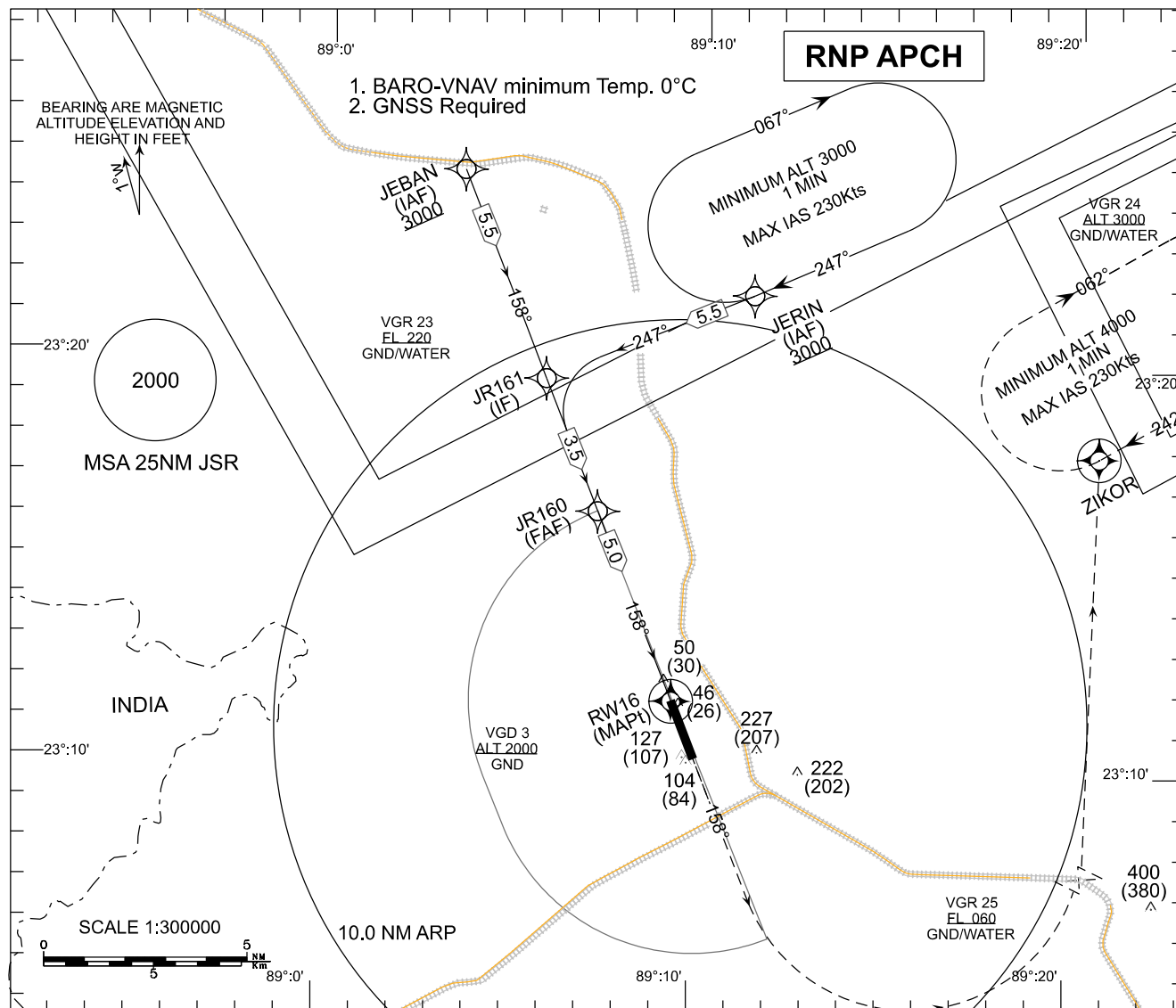
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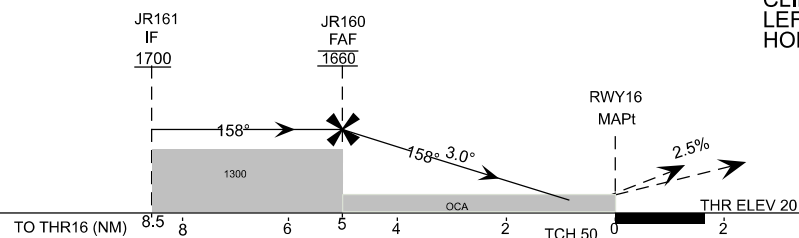


TRANSITION ALTITUDE 4000FT

MISSED APPROACH:

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

NO TURN BEFORE MAPt.



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

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

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

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

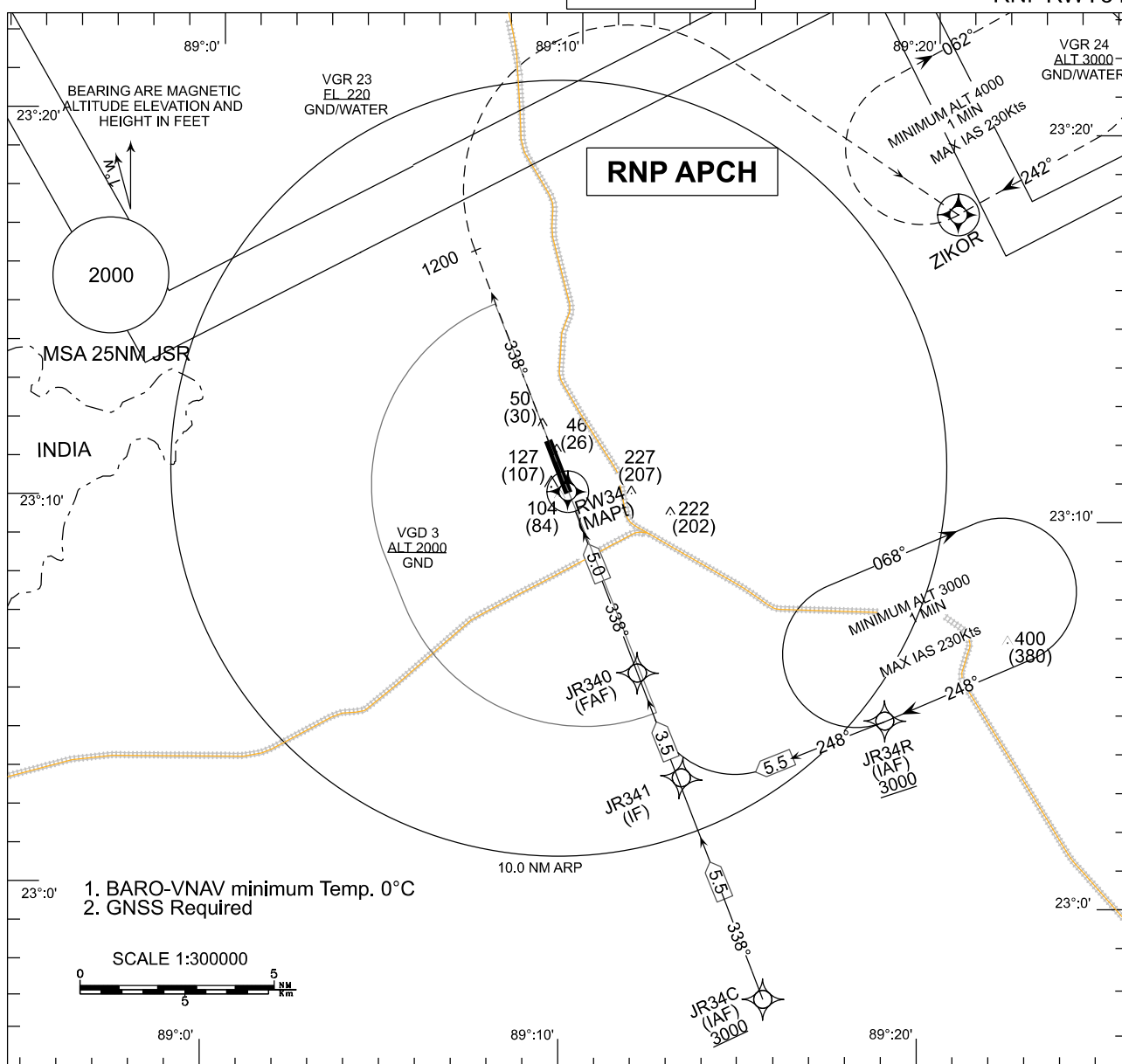
CODING TABLE

TABULAR DESCRIPTION

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

WAYPOINT LIST

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

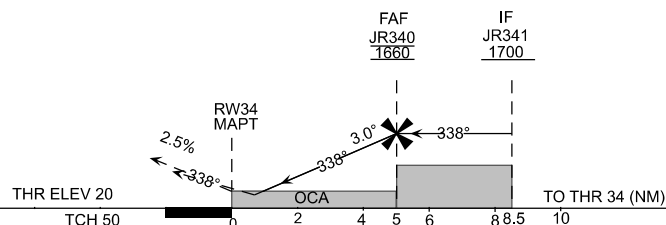
INSTRUMENT
APPROACH
CHART - ICAOAD ELEV 20 (ft)
OCH RELATED TO
THR RWY 34-ELEV 20(ft)TWR:123.2 MHZ (PRI)
123.9 MHZ (SRY)
SMC:121.8 MHZJASHORE, BANGLADESH
JASHORE AIRPORT
RNP RWY34

MISSED APPROACH:

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

TRANSITION ALTITUDE 4000FT

NO TURN BEFORE MAPt.



OCA(OCH)		A	B	C	D	CATEGORY OF ACFT			A	B	C	D
OCA(OCH)	LNAV/VNAV	310 (290)				SPEED	KNOTS	90	120	150	180	
	LNAV (CDFA)	370 (350)				RATE OF DESCENT/GS	FT/MIN	478	637	796	955	
						FAF TO THR11	MIN:S	03:20	02:30	02:00	01:40	
DISTANCE	5 NM to RW34	4 NM to RW34	3 NM to RW34	2 NM to RW34	1 NM to RW34	Type of Approach		LGHT SYSTEM	VISIBILITY		RVR	
ALTITUDE	1670	1350	1030	710	390	LNAV/VNAV		NALS	1700		1400	
(HEIGHT)	(1650)	(1330)	(1010)	(690)	(370)	LNAV (CDFA)		NALS	2050		1600	

INSTRUMENT
APPROACH
CHART - ICAO

CODING TABLE

TABULAR DESCRIPTION

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

WAYPOINT LIST

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

CHANGE : RW34 (MAPt) in Waypoint list

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

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

VGSD 2.13 DECLARED DISTANCES

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

VGSD AD 2-14 APPROACH AND RUNWAY LIGHTING

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

VGSD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

VGSD AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGSD AD 2.17 AIRTRAFFIC SERVICES AIRSPACE

1	Designation	Aerodrome Traffic Zone (ATZ)
	Lateral limits	ATZ is a oval shaped area joining outer tangents of 5NM (9KM) radius circle centered at the runway centre and both ends of the runway.
2	Vertical limits	400ft (AMSL)
3	Airspace	D
4	Unit Language	Saidpur Tower English
5	Transition Altitude	4000ft
6	Hours of applicability (or activation)	HO
7	Remarks	NIL