

VGRJ AD 2.1 AERODROME LOCATION INDICATOR AND NAME**VGRJ –SHAH MOKHDUM AIRPORT, RAJSHAHI****VGRJ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATION DATA**

1	ARP co-ordinates an site at AD	242619.39N 0883658.56E
2	Distance and direction from city	07 KM North of Town
3	AD elevation / reference temperature	55FT/40 ⁰ C
4	MAG VAR	50' W
5	AD administration, address, telephone	Civil Aviation Authority of Bangladesh Postal address: Airport Manager Shah Mokhdum Airport, Rajshahi . Bangladesh Telephone : APM: 0721 800153 TWR: 0721 800157
6	Types of traffic permitted IFR/VFR	IFR/VFR
7	Remarks	Nil

VGRJ AD 2.3 OPERATIONAL HOURS

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

VGRJ AD 2.4 HANDLING SERVICES AND FACILITIES

Manual cargo handling services

VGRJ AD 2.5 PASSENGER FACILITIES

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

VGRJ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

VGRJ AD 2.7 SEASONAL AVAILABILITY CLEARING

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

VGRJ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA.

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

VGRJ AD 2.9 SURFACE MOVEMENT GUIDENCE AND CONTROL SYSTEM AND MARKINGS

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

VGRJ AD 2.10 AERODROME OBSTACLES

1	2			
In approach/ TOKF area	In circling area			
Obstacles in approach/TOKF area are shown in instrument approach charts	RWY affected	Obstacle type elevation	Position	Marking LGT
	35	5 (Five) power line masts 1555 FT (each)	11000 ft East –West FM THR RWY 35 distance btn masts is 600ft	-
	35	Radio mast 400ft (AGL)	242154.43N 0883823.88E 165 ⁰ (M) 8.5KM FM THR RWY35	LGT

VGRJ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	Rajshahi air port VGRJ
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

VGRJ 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
17	173 ⁰ TRUE	1801X30	PCN 17/R/C/Y/T Bituminous concrete	242643.78N 0883653.89E	55	0%
35	353 ⁰ TRUE	1801X30		242545.16N 0883705.11E	55	0%
Designator RWY NR	SWY dimensions m)	CWY dimensions (m)	Strip dimensions(m)	RESA	OFZ	Remarks
	8	9	10	11	12	13
17	---	150X150	1981X150	90x60	Within the CWY	Nil
35	60X30	210X150	1981X150	90x60	Within the CWY	Nil

VGRJ AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	RESA(m)	REMARKS
1	2	3	4	5	6	7
17	1801	1951	1801	1801	90	Due to introduction of RESA
35	1801	2011	1861	1801	90	

VGRJ AD 2.14 APPROACH AND RUNWAY LIGHTING

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

VGRJ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN Location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	Nil Atop control TWR,
3	TWY edge and 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	Kerosene flares avbl

VGRJ AD 2.16 HELICOPTER LANDING AREA

As directed by ATC

VGRJ AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

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

VGRJ 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	Rajshahi Tower	128.3 MHZ EM: A3	HO	Nil

VGRJ 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	RJ	228 Khz	H24	242632.87N 0883649.35E		EM : A0/A2
DVOR	RAJ	114.6 MHZ	H24	242621.18N 0883654.10E		EM: A2
DME	RAJ	1180 MHZ	H24	242621.18N 0883654.10E		Co-located with VOR

VGRJ AD 2.20 LOCAL TRAFFIC REGULATIONS

Prior approval to be obtained from ATC

VGRJ AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VGRJ AD 2.22 FLIGHT PROCEDURES

NIL

VGRJ AD 2.23 ADDITIONAL INFORMATION

NIL

VGRJ AD 2.24 CHARTS RELATED TO RJS Shahi AIRPORT

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

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INSTRUMENT
APPROACH
CHART- ICAO

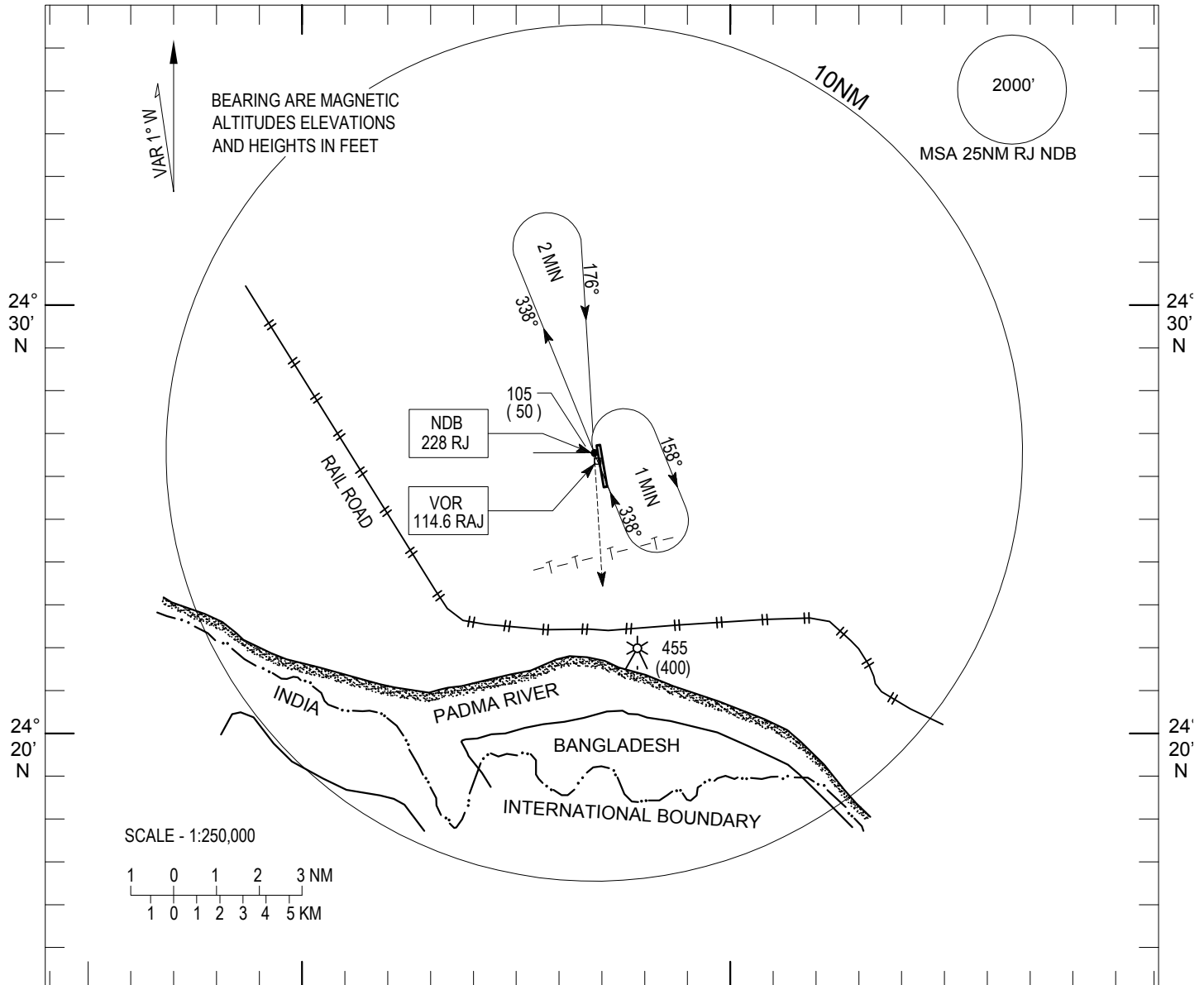
ELEV 55FT
HEIGHTS RELATED
TO AD ELEV

TWR 128.3

RAJSHAHI, BANGLADESH
SHAH MOKHDUM
NDB RWY 17

88°30'E

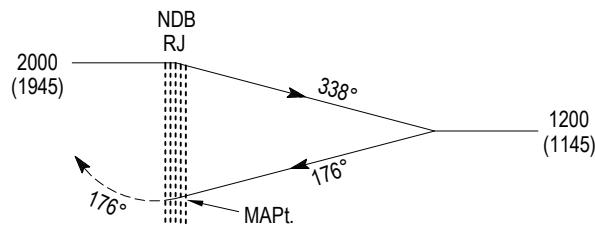
88°40'E



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 2000FT

PROCEDURES BASED ON TAS 150 KT (STILL AIR)

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



ELEV 55FT

MET MINIMA
VIS 2800 m

4 NM 3 2 1 0 1 2 3 4 5 NM

CATEGORY OF ACFT	A	B	C	D
OCA	450	450	450	

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

INSTRUMENT
APPROACH
CHART - ICAO

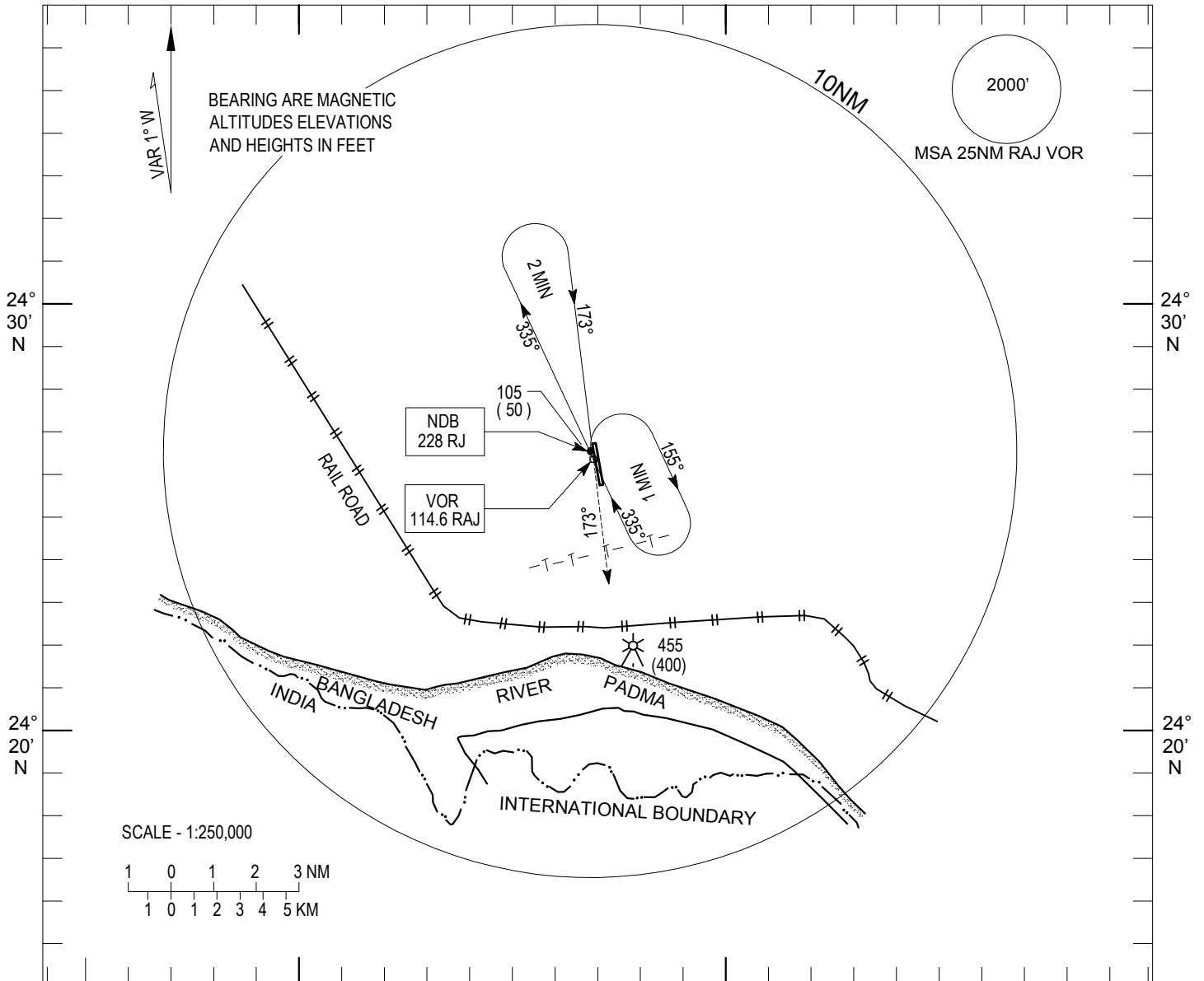
ELEV 55FT
HEIGHTS RELATED
TO AD ELEV

TWR 128.3

RAJSHAHI, BANGLADESH
SHAH MOKHDUM
VOR RWY 17

88°30'E

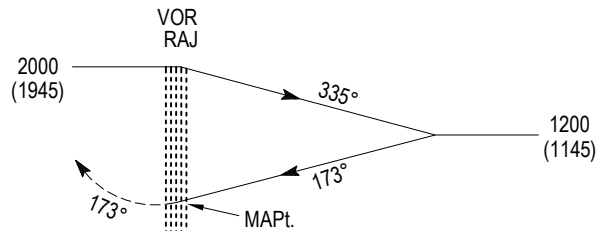
88°40'E



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 2000FT

PROCEDURES BASED ON TAS 150 KT (STILL AIR)

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



ELEV 55FT

MET MINIMA
VIS 2800 m

4 NM 3 2 1 0 1 2 3 4 5 NM

CATEGORY OF ACFT

A B C D

OCA

450 450 450

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

INSTRUMENT
APPROACH
CHART - ICAO

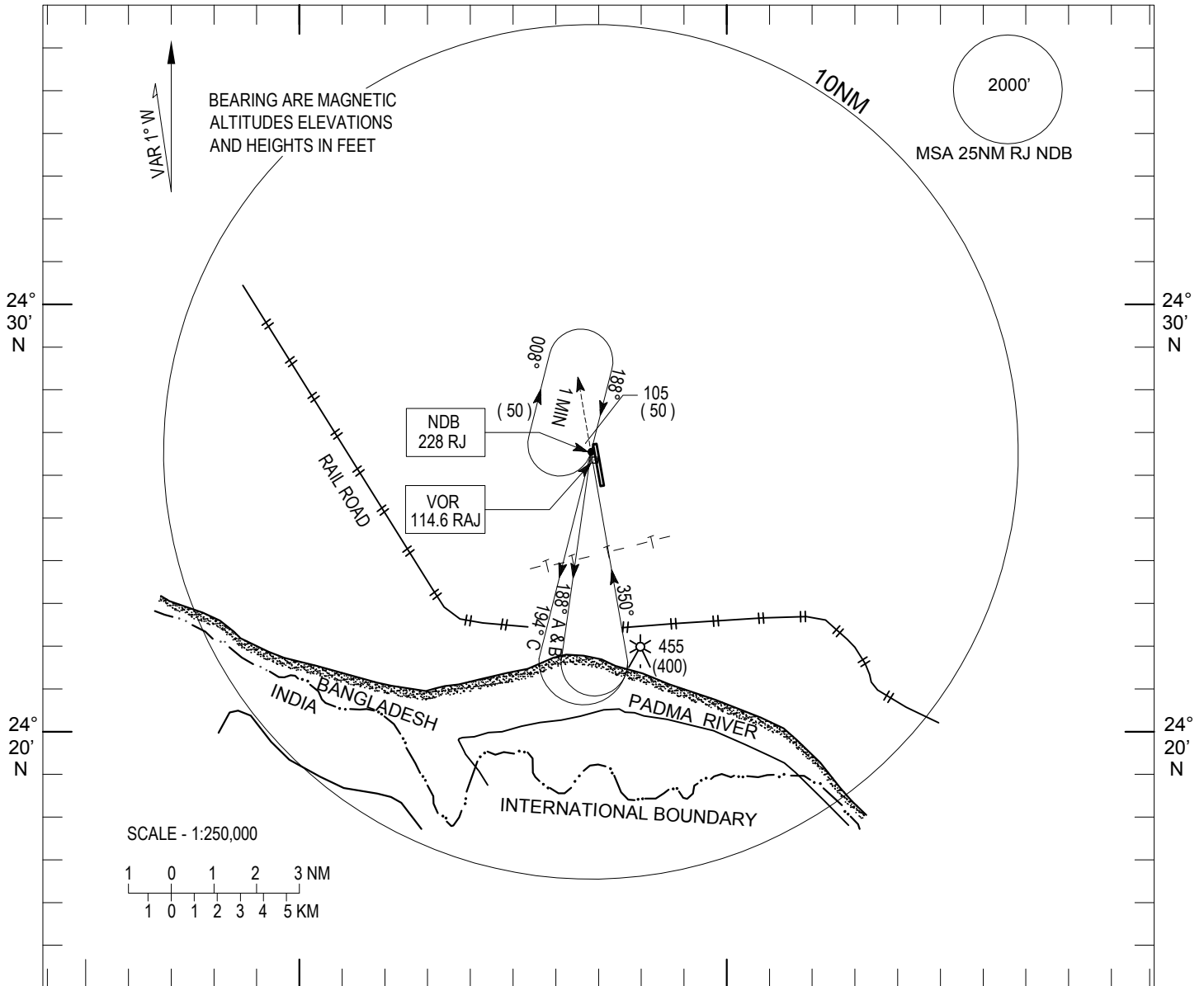
ELEV 55FT
HEIHGTS RELATED
TO AD ELEV

TWR 128.3

RAJSHAHI, BANGLADESH
SHAH MOKHDUM
NDB RWY 35

88°30'E

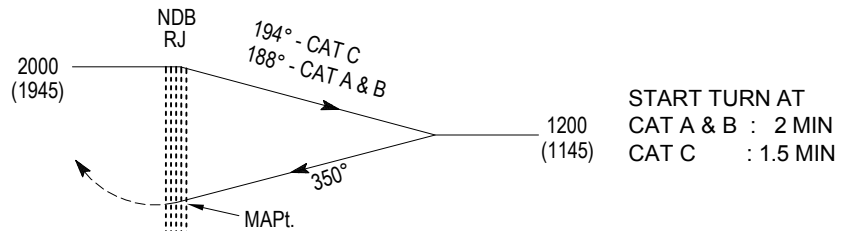
88°40'E



TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 4000FT

MISSED APPROACH
CLIMB TO 2000FT / 610M ON
TRACK 350 AND CONTACT FOR
FURTHER INSTRUCTION

ELEV 55FT



MET MINIMA
VIS 2800 m

4 NM 3 2 1 0 1 2 3 4 5 NM

CATEGORY OF ACFT

A B C D

OCA

550 550 550

SPEED

KNOTS

90 120 150

MET MINIMA

VIS (m)

2000 2000 2800

CAUTION FOR :

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

INSTRUMENT
APPROACH
CHART- ICAO

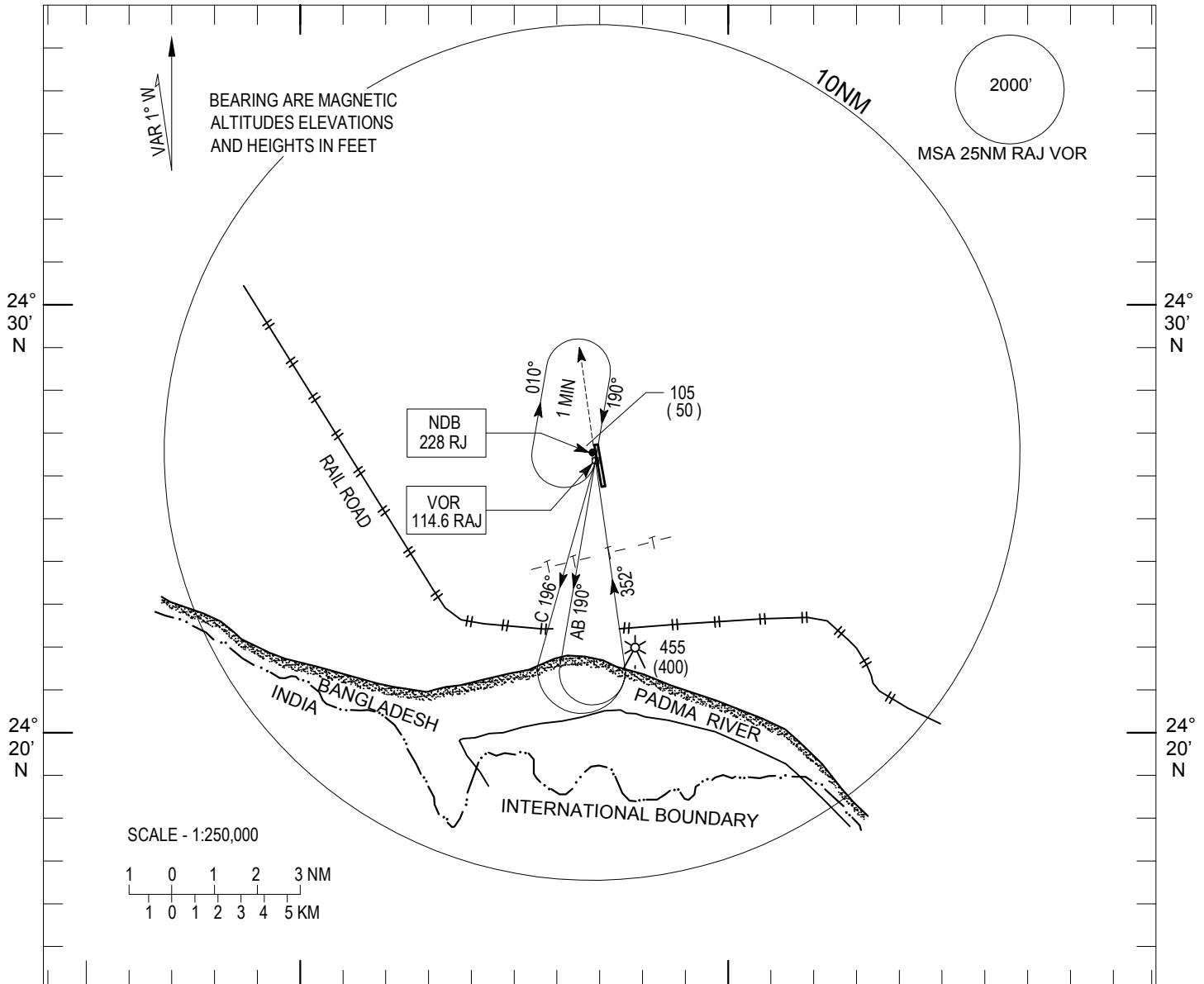
ELEV 55FT
HEIHGTS RELATED
TO AD ELEV

TWR 128.3

RAJSHAHI, BANGLADESH
SHAH MOKHDUM
VOR RWY 35

88°30'E

88°40'E



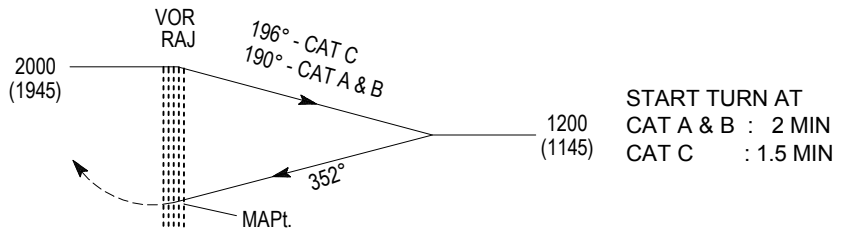
TRANSITION LEVEL FL 060
TRANSITION ALTITUDE 2000FT

PROCEDURES BASED ON TAS 150 KT (STILL AIR)

MISSED APPROACH

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

ELEV 55FT



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

MET MINIMA
VIS 2800 m

4 NM 3 2 1 0 1 2 3 4 5 NM

CATEGORY OF ACFT		A	B	C	D
OCA		550	550	550	
SPEED	KNOTS	90	120	150	
MET MINIMA	VIS (m)	2000	2000	2800	

CAUTION FOR :

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