

AD 2. AERODROMES

VRMG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VRMG – GAN INTERNATIONAL AIRPORT

VRMG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	004136S 0730920E RWY Intersection to TWY B Runway mid-point
2	<i>Direction and distance from (city)</i>	148° 13KM from Hithadhoo
3	<i>Elevation, Reference temperature and mean low temperature</i>	2 M (7FT) / 31.6°C
4	<i>Geoid undulation at AD ELEV PSN</i>	-91M
5	<i>Magnetic (MAG) variation (VAR)/Annual change</i>	4° W (2017)
6	<i>Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and website address</i>	Gan International Airport Gan, Addu City Republic of Maldives Tel: (960) 689 8010 (960) 689 8009 Telefax: NIL info@ganairport.aero
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	NIL

VRMG AD 2.3 OPERATIONAL HOURS

1	<i>Aerodrome operator</i>	H24
2	<i>Customs and immigration</i>	H24
3	<i>Health and sanitation</i>	H24
4	<i>Aeronautical information service (AIS) briefing office</i>	H24
5	<i>ATS Reporting office (ARO)</i>	H24
6	<i>MET Briefing Office</i>	H24
7	<i>ATS</i>	H24
8	<i>Fuelling</i>	H24
9	<i>Handling</i>	H24
10	<i>Security</i>	H24
11	<i>De-icing</i>	Not Applicable
12	<i>Remarks</i>	Prior permission required for non-scheduled traffic.

VRMG AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo-handling facilities</i>	All facilities available to handle up to Code 4E aircraft
2	<i>Fuel/oil types</i>	Jet A1
3	<i>Fuelling facilities/capacity</i>	2 ITP fuel trucks, fuel farm 2 tanks/2.6 million liters.
4	<i>De-icing facilities</i>	Not Applicable
5	<i>Hangar space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	NIL
7	<i>Remarks</i>	NIL

VRMG AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	At AD and in the city
2	<i>Restaurants</i>	At AD and in the city
3	<i>Transportation</i>	Private taxis and bus service
4	<i>Medical facilities</i>	First aid at AD. Hospital in the city
5	<i>Bank and Post Office</i>	ATM at AD. Bank/ Post in the city
6	<i>Tourist Office</i>	NIL
7	<i>Remarks</i>	NIL

VRMG AD 2.6 RESCUE AND FIRE-FIGHTING SERVICES

1	<i>AD category for fire-fighting</i>	CAT 8
2	<i>Rescue equipment</i>	All equipment required for CAT 8 available
3	<i>Capability for removal of disabled aircraft</i>	NIL
4	<i>Remarks</i>	NIL

VRMG AD 2.7 SEASONAL AVAILABILITY – CLEARING

1	<i>Types of clearing equipment</i>	NIL
2	<i>Clearance priorities</i>	NIL
3	<i>Remarks</i>	Aerodrome available throughout the year

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

1	<i>Apron designation, surface and strength</i>	Surface: Concrete Strength: PCN120/R/C/W/T
2	<i>Taxiway designation, width, surface and strength</i>	TWY A and B Width: 23M Surface: Concrete Strength: PCN120/R/C/W/T
3	<i>Altimeter checkpoint location and elevation</i>	Location: Apron Elevation: 2 M/ 7FT
4	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL
5	<i>INS checkpoints</i>	NIL
6	<i>Remarks</i>	NIL

VRMG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	TWY Sign boards, LGT at all intersections with TWY and RWY
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation, THR, TDZ, fixed distance, centerline and pre- THR markings. THR and end lights. TWY: centerline and holding position markings. Edge lights on TWY A and B
3	<i>Stop bars and runway guard lights</i>	NIL
4	<i>Other runway protection measures</i>	NIL
5	<i>Remarks</i>	NIL

VRMG AD 2.10 AERODROME OBSTACLES

In Area 2					
<i>OBST ID/ Designation</i>	<i>OBST type</i>	<i>OBST position</i>	<i>ELEV/HGT</i>	<i>Markings/Type, colour, lighting (LGT)</i>	<i>Remarks</i>
a	b	c	d	e	f
	Hithadhoo Dhiraagu Antenna	003651S 0730549E	72M		
	Hithadhoo Dhiraagu Site 2 (Near Hithadhoo School)	003535S 0730449E	45M		
	Hithadhoo Dhiraagu Site 3 (Near Police Academy)	003616S 0730524E	30M		
	Maradhoo Dhiraagu Antenna	004010S 0730721E	30M		

	Feydhoo Dhiraagu Antenna	004055S 0730805E	30M		
	Dhiraagu Antenna on Gan Building 80	004118S 0730901E	17M		
	Dhiraagu Antenna at Gan Site 2	004118S 0730902E	42M		
	Dhiraagu Antenna at Hulhumeedhoo	003523S 0731318E	45M		
	Dhiraagu Antenna at Herethere	003640S 0731329E	45M		
	Dhiraagu Antenna at Villingili	004024S 0731134E	25M		
	Wataniya Antenna at Feydhoo	004037S 0730749E	45M		
	Wataniya Antenna at Hithadhoo Site 1	003645S 0730524E	55M		
	Wataniya Antenna at Hithadhoo Site 2	003547S 0730524E	40M		
	Wataniya Antenna at Hulhudhoo	003526S 0731335E	80M		
	Wataniya Antenna at GAN	004123S 0730909E	25M		
	Runway 10 Windsock	004127S 0730845E	7M		
	Runway 28 Windsock	004144S 0730955E	7M		
	Apron Floodlight Mast NR 1	004125S 0730918E	20M		
	Apron Floodlight Mast NR 2	004125S 0730920E	20M		
	Apron Floodlight Mast NR 3	004126S 0730925E	20M		
	Apron Floodlight Mast NR 4	004126S 0730927E	20M		
	Apron Floodlight Mast NR 5	004127S 0730931E	20M		
	Apron Floodlight Mast NR 6	004127S 0730934E	20M		

VRMG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET office</i>	Gan MET Office
2	<i>Hours of service MET office outside hours</i>	H24 -
3	<i>Office responsible for terminal aerodrome forecast (TAF) preparation Periods of validity and interval of issuance</i>	National Meteorological Centre 24HR
4	<i>Trend forecast Interval of issuance</i>	TREND On request
5	<i>Briefing/consultation provided</i>	At Gan Met. Office
6	<i>Flight documentation Language(s) used</i>	Charts, abbreviated plain language text English
7	<i>Charts and other information available for briefing or consultation</i>	S, U85, U50, U25, SWH, SWM, T
8	<i>Supplementary equipment available for providing information</i>	Telefax: + (960) 6898007
9	<i>ATS units provided with information</i>	Gan TWR Male' AACC
10	<i>Additional information</i>	2 hours prior notice required

VRMG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations</i>		<i>Dimensions of RWY (M)</i>	<i>Strength of the pavement classification number (PCN) and surface of RWY and SWY</i>	<i>THR coordinates RWY end coordinates THR geoid undulation</i>	<i>THR elevation and highest elevation of TDZ of precision APCH RWY</i>
<i>RWY NR</i>	<i>TRUE BRG</i>				
1	2	3	4	5	6
10	099° GEO 104° MAG	2960 X 45	PCN120/R/C/W/T Concrete	004126.20S 0730818.50E	THR 2.1M / 6.8FT
28	279° GEO 284° MAG	2960 X 45	PCN 120/R/C/W/T Concrete	004140.80S 0730953.10E	THR 2.2M / 7.2FT
<i>Designations</i>		<i>SWY dimensions (M)</i>	<i>Clearway (CWY) dimensions (M)</i>	<i>Strip dimensions (M)</i>	<i>Dimensions of runway end safety area</i>
<i>RWY NR</i>	<i>Slope of RWY-SWY</i>				
1	7	8	9	10	11
10	0%	NIL	800 X 75	3080 X 300	240 X 90
28	0%	NIL	300 X 75	3080 X 300	240 X 90

<i>Designations</i>	<i>Location and description of OFZ</i>	<i>Remarks</i>
<i>RWY</i>	<i>NR</i>	
1	12	13
10		NIL
28		NIL

VRMG AD 2.13 DECLARED DISTANCES

<i>RWY designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
1	2	3	4	5	6
10	3200	4000	3200	2960	NIL
28	3260	3560	3260	2960	NIL

VRMG AD 2.14 APPROACH AND RUNWAY LIGHTING

<i>RWY designator</i>	<i>APCH LGT type LEN INTST</i>	<i>THR LGT colour WBAR</i>	<i>VASIS (MEHT) PAPI</i>	<i>TDZ, LGT LEN</i>	<i>RWY Centre Line LGT Length, spacing, colour, INTST</i>	<i>RWY edge LGT LEN, spacing colour INTST</i>	<i>RWY End LGT and Wing bar colour</i>	<i>SWY LGT LEN colour</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
10	SALS 420 M 1 to 5	Green Yes	PAPI on left side3° 66FT	NIL	NIL	2651 M 58.9 M Red, white& Yellow 1 to 5	Red -	NIL	NIL
28	SALS 420 M 1 to 5	Green Yes	PAPI on left side3° 66FT	NIL	NIL	2651 M 58.9 M Red, white& Yellow 1 to 5	Red -	NIL	NIL

VRMG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN on top of Control Tower, ALTN WIG EV 5 SEC/ IBN: NIL, HN
2	<i>LDI location and LGT Anemometer location and LGT</i>	LDI: NIL Anemometer: On top of control tower NIL
3	<i>TWY edge and center line LGT</i>	Edge TWY, A, B Centre Line: NIL
4	<i>Secondary power supply/switch-over time</i>	All airfield lighting /12 SEC
5	<i>Remarks</i>	NIL

VRMG AD 2.16 HELICOPTER LANDING AREA

1	<i>Coordinates touchdown and lift-off (TLOF) or THR of final approach and take-off (FATO) Geoid undulation</i>	NIL
2	<i>TLOF and/or FATO elevation M/FT</i>	NIL
3	<i>TLOF and FATO area dimensions, surface, strength, marking</i>	NIL
4	<i>True BRG of FATO</i>	NIL
5	<i>Declared distance available</i>	NIL
6	<i>APP and FATO lighting</i>	NIL
7	<i>Remarks</i>	All helicopters land/take-off on/from RWY

VRMG AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	GAN CTR A circle, radius 20NM centred at 004136S 0730920E (ARP)
2	<i>Vertical limits</i>	SFC to 8 500FT AMSL
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign Language(s)</i>	Gan Tower English
5	<i>Transition altitude</i>	11 000FT AMSL
6	<i>Hours of applicability</i>	HO
7	<i>Remarks</i>	NIL

VRMG AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service designation</i>	<i>Call sign</i>	<i>Channel(s)</i>	<i>SATVOICE number(s)</i>	<i>Logon address</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5	6	7
TWR	GAN Control	119.1MHz 121.5 MHz 121.6 MHz	NIL	NIL	HO HO HO	Primary frequency Emergency frequency Frequency SMC frequency

VRMG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

NIL

VRMG AD 2.20 LOCAL AERODROME REGULATIONS

NIL

VRMG AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VRMG AD 2.22 FLIGHT PROCEDURES

NIL

VRMG AD 2.23 ADDITIONAL INFORMATION

Bird concentrations in the vicinity of the airport

Concentration of birds at Gan International Airport, on and around runway 10/28 are expected. All pilots are advised to exercise caution.

VRMG AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart – ICAO	VRMG AD 2-9
Aerodrome Chart – ICAO – Marking & Lighting Aids on Maneuvering Area	VRMG AD 2-9.2
Instrument Approach Chart – ICAO, RNP RWY 10	VRMG AD 2-11
Instrument Approach Chart – ICAO, RNP RWY 28	VRMG AD 2-13

VRMG AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable

AERODROME CHART

004136S, 0730920E, ELEV. 2.053 m

TWR 119.1

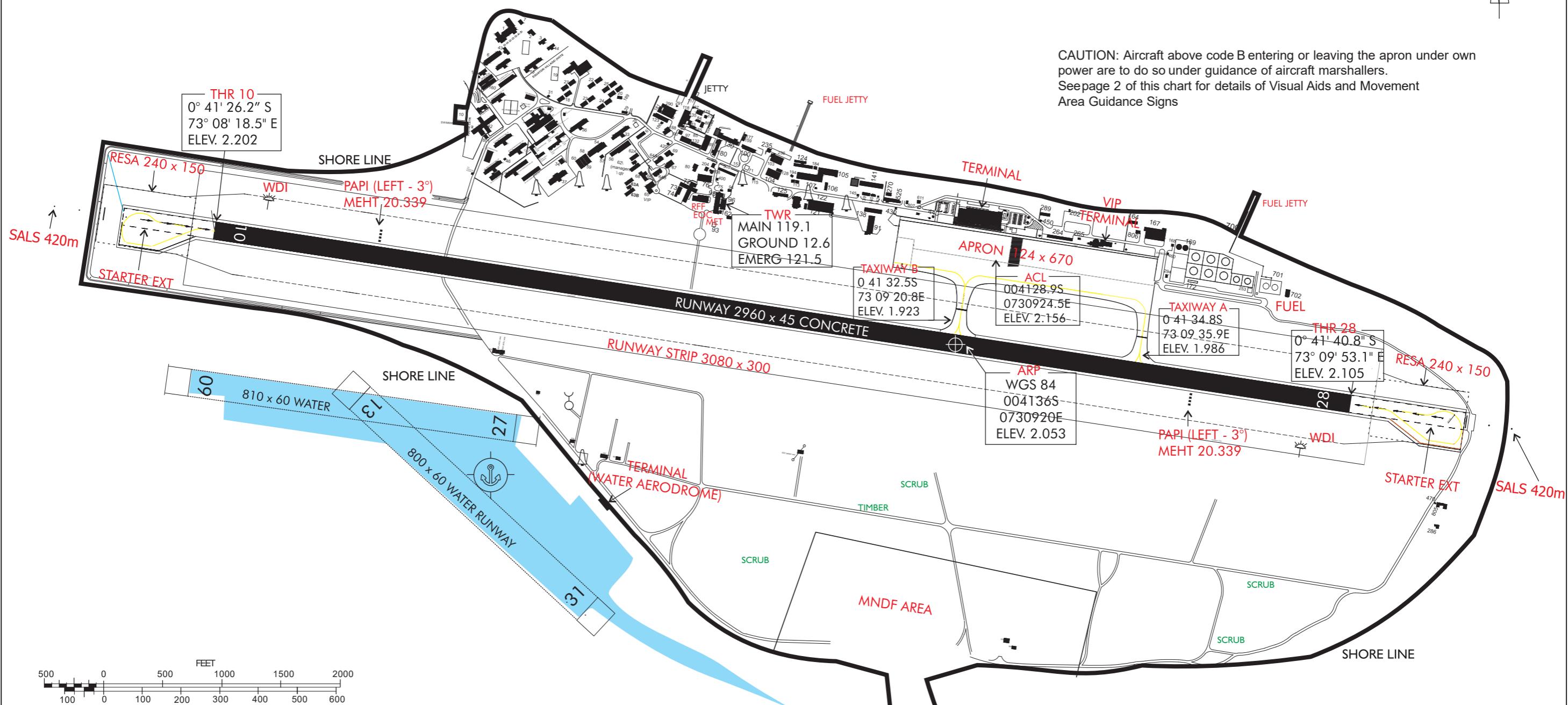
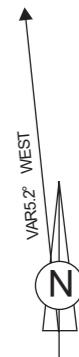
GAN / INTERNATIONAL

RWY STRENGTH, BEARINGS AND DECLARED DISTANCES

BEARING STRENGTH	TRUE BEARING	DESIGNATION	TORA	TODA	ASDA	LDA
RUNWAY, TAXWAYS, TURN PADS and APRON	099°	10	3200	4000	3200	2960
PCN 120 R/C/W/T	279°	28	3260	3560	3260	2960

NOTES

1. All dimensions are in meters.
2. Declared distances TORA, TODA and ASDA include additional pavement before threshold at both runway 10 and 28
3. Runway 10 has a full width Starter Extension of 240m
4. Runway 28 has a full width Starter Extension of 300m
5. Pilots can roll over through the runway end lights to make a 180° turn at the Turn Pads of both RWY10 and 28.

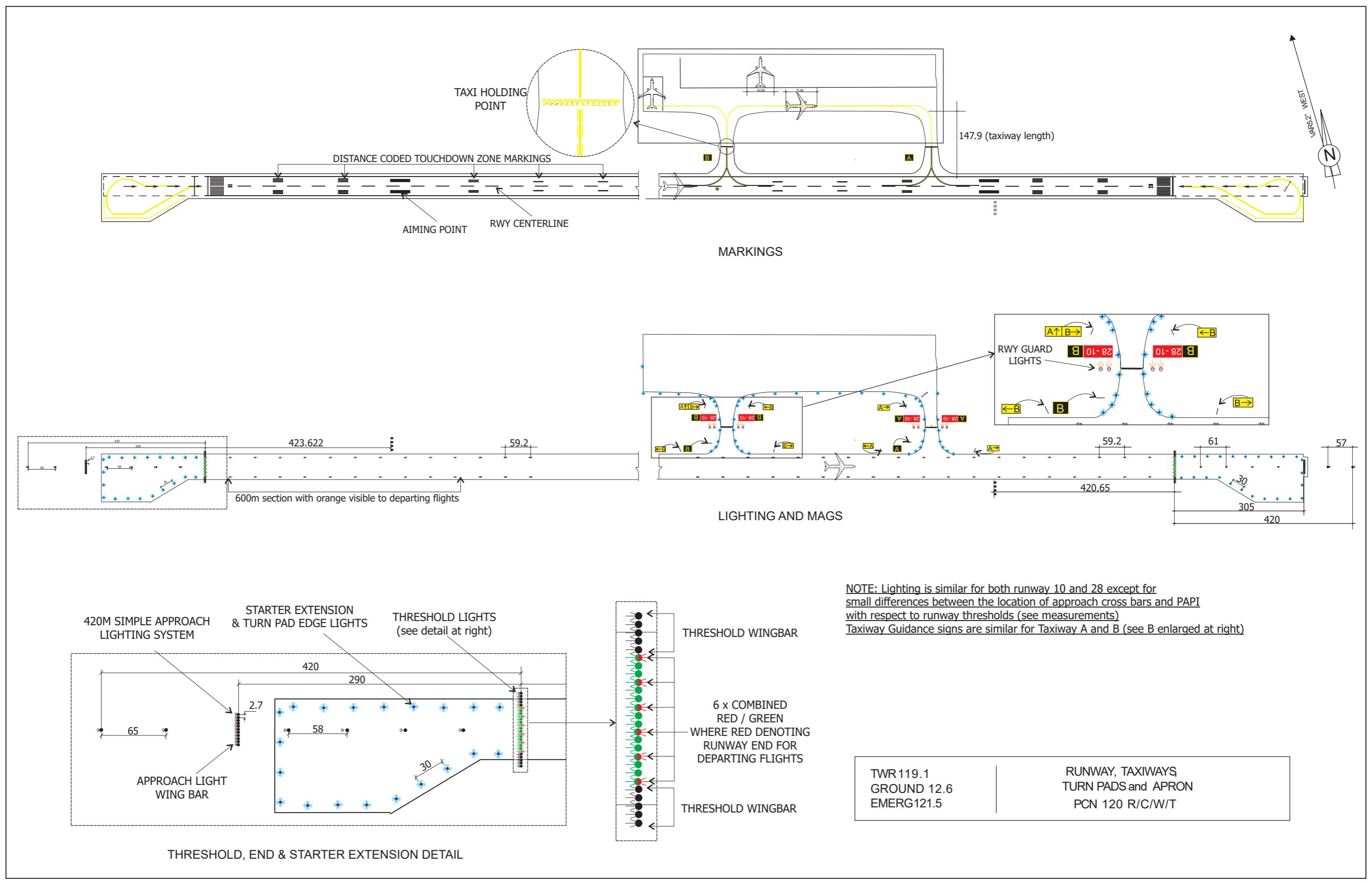


AERODROME CHART

004136S, 0730920E, ELEV. 2.053 m

TWR 119.1

GAN / INTERNATIONAL

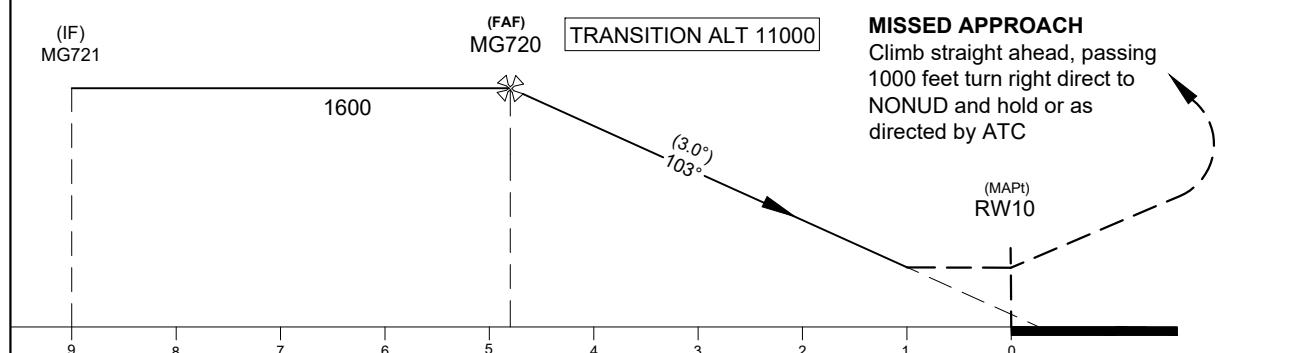
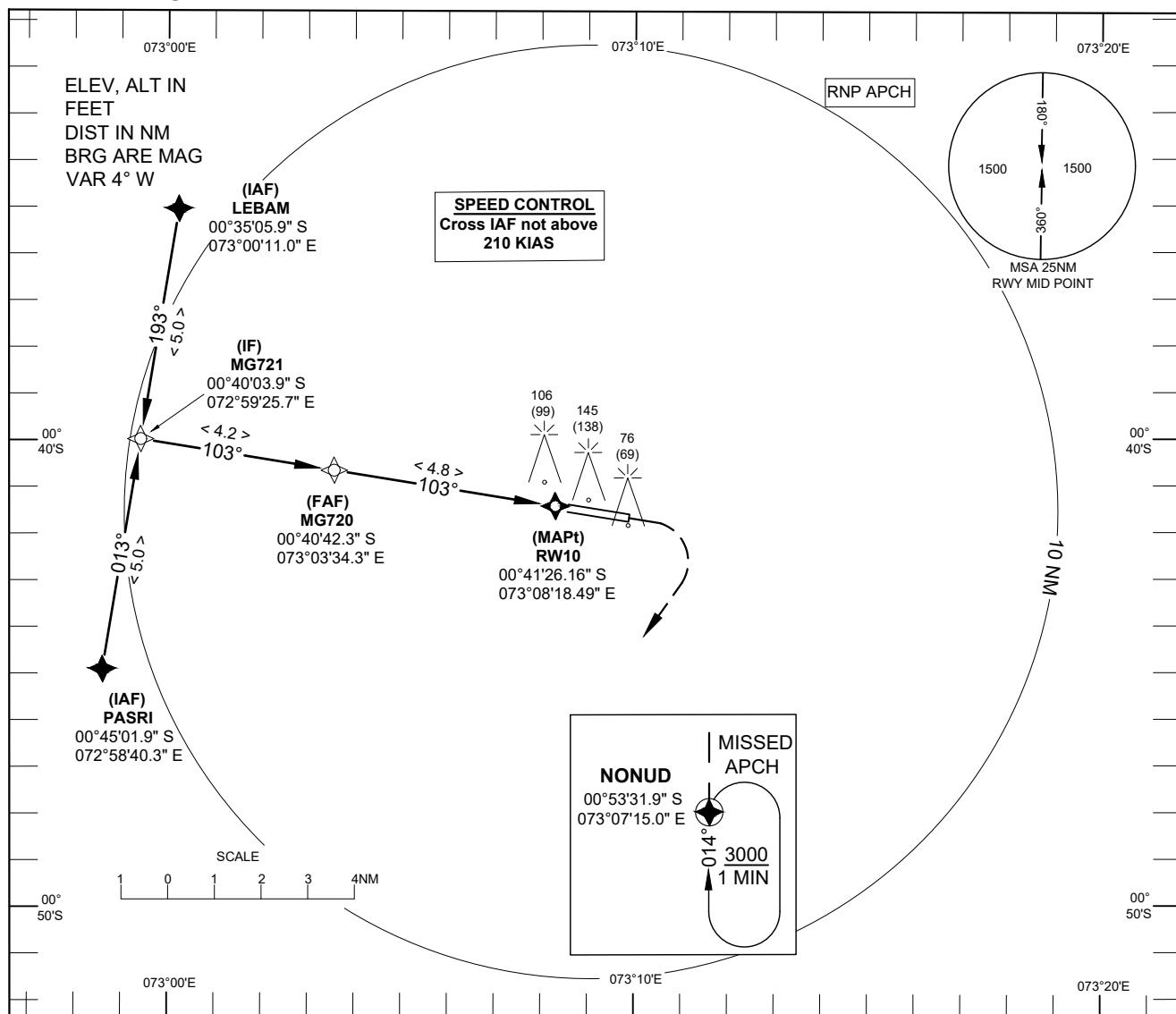


**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 7 FT
HEIGHT RELATED TO
THR RWY 10 - ELEV 7 FT
MIN TEMP -15°C

GAN TWR 119.1

**GAN / Intl (VRMG)
RNP RWY10**



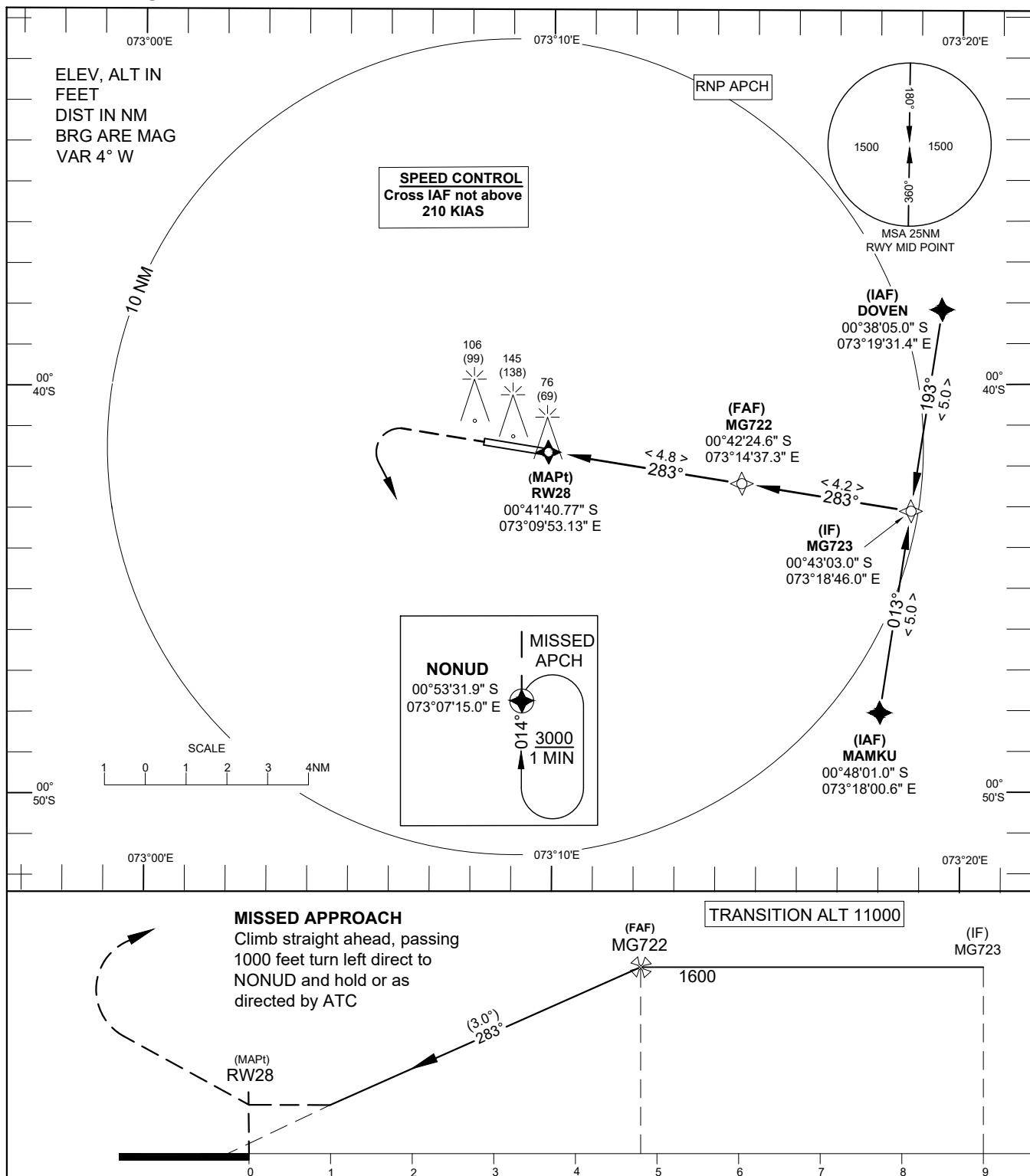
AIRCRAFT CATEGORY	A	B	C	D
LNAV/VNAV DA (DH)		260 (253)		
LNAV MDA (MDH)		400 (393)		
DISTANCE TO THRESHOLD	4	3	2	1
ALTITUDE (HEIGHT)	1330 (1323)	1010 (1003)	690 (683)	380 (373)

**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 7 FT
HEIGHT RELATED TO
THR RWY 28 - ELEV 7 FT
MIN TEMP -15°C

GAN TWR 119.1

**GAN / Intl (VRMG)
RNP RWY28**



AIRCRAFT CATEGORY	A	B	C	D
LNAV/VNAV DA (DH)		260 (253)		
LNAV MDA (MDH)		400 (393)		
DISTANCE TO THRESHOLD	1	2	3	4
ALTITUDE (HEIGHT)	380 (373)	690 (683)	1010 (1003)	1330 (1323)