

AIP
AERONAUTICAL INFORMATION PUBLICATION
CAYMAN ISLANDS

PART 3
AERODROMES (AD)

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AD 1. AERODROMES – INTRODUCTION**AD 1.1 AERODROME AVAILABILITY****1. General conditions under which aerodromes and associated facilities are available for use**

1.1 Commercial flights are not permitted to take off from or land at any aerodrome not listed in this AIP except in cases of a real emergency or when special permission has been obtained from the Civil Aviation Authority. International flights must land or take off from Charles Kirkconnell or Owen Roberts International airports.

1.2 *Traffic of persons and vehicles on aerodromes**Demarcation of zones*

The grounds of each aerodrome are divided into two zones:

- a) a public zone comprising the part of the aerodrome open to the public; and
- b) a restricted zone comprising the rest of the aerodrome.

Movement of persons

Access to the restricted zone is authorized only under the conditions prescribed by the special rules governing the aerodrome. The Airport Departure Gates, Cayman Border Control and Health Inspection offices and the premises assigned to In-Transit Traffic are normally accessible only to screened passengers, to authorized staff of the public authorities and airlines and to other authorized persons in pursuit of their duty.

The movement of persons having access to the restricted zone of the aerodrome is subject to the conditions prescribed by the air navigation regulations, the Cayman Islands National Aviation Security Program and by the special rules laid down by the aerodrome administration.

Movement of vehicles

The movement of vehicles in the restricted zone is strictly limited to vehicles driven or used by persons carrying a valid CIAA Airside Vehicle Operators Permit. Drivers of vehicles, of whatever type, operating within the confines of the aerodrome must respect the direction of traffic, the traffic signs and the posted speed limits and generally comply with the provisions of the Cayman Islands Traffic Code, the CIAA Aerodrome Vehicle Operators Manual and with the instructions given by the competent authorities.

Policing

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

1.3 *Landing, parking and storage of aircraft on aerodromes under the control of the Cayman Islands Airports Authority*

The conditions under which aircraft may land and be parked, housed or otherwise dealt with at any of the aerodromes under the control of the Cayman Islands Airports Authority are as follows:

- a) The fees and charges for the landing, parking or housing of aircraft shall be those published from time to time by the Cayman Islands Airports Authority (hereinafter referred to as “CIAA”) in the AIP or AIC.

The fees or charges for any supplies or services which may be furnished to aircraft by or on behalf of the CIAA at any aerodrome under the control of the CIAA shall, unless otherwise agreed before such fees or charges are incurred, be such reasonable fees and charges as may from time to time be determined by the CIAA for that aerodrome. The fees and charges referred to shall accrue from day to day and shall be payable to the CIAA on demand.

- b) The CIAA shall have a lien on the aircraft, its parts and accessories, for such fees and charges as aforesaid.
- c) If payment of such fees and charges is not made to the CIAA within 14 days after a letter demanding payment thereof has been sent by post addressed to the registered owner of the aircraft, the CIAA shall be entitled to sell, destroy or otherwise dispose of the aircraft and any of its parts and accessories and to apply the proceeds from so doing to the payment of such fees and charges.
- d) Neither the CIAA nor any servant or agent of the government shall be liable for loss or damage to the aircraft, its parts or accessories or any property contained in the aircraft, howsoever such loss and damage may arise, occurring while the aircraft is on any aerodrome under the control of the CIAA or is in the course of landing at or taking off from any such aerodrome

1. Applicable ICAO documents

The standards and Recommended Practices of ICAO Annex 14, Volumes I and II, are applied without differences.

2. Friction measuring device used and friction level below which the runway is declared slippery when it is wet

A Grip Tester is used to measure the runway friction level. Measurements and calibrations are accomplished in accordance with the instructions given by the manufacturer for proper use of the equipment and conducted using the UK CAA and ICAO standard test conditions. If friction levels fall below the ICAO minimums, the runway will be declared slippery when wet and a NOTAM issued until corrective action has been taken.

Where water is present on a runway and periodic measurements indicate that the runway will not become slippery when wet, no measuring will take place. The following terms and associated descriptions will be used to report the runway condition:

Damp	-	the surface shows a change of color due to moisture.
Wet	-	the surface is soaked but there is no standing water.
Water patches	-	significant patches of standing water are visible.
Flooded	-	extensive standing water is visible.

AD 1.2 RESCUE AND FIRE FIGHTING SERVICES**1. Rescue and fire fighting services**

At aerodromes approved for scheduled and/or non-scheduled traffic with airplanes carrying passengers, Rescue and Fighting Services and, in some cases, also Sea Rescue Services are established in accordance with the regulations for civil aviation.

Information about whether there is service and what the extent of that service is, given on the relevant page for each aerodrome.

Scheduled or non-scheduled traffic with airplanes carrying passengers is not allowed to use aerodromes without Rescue and Fire Fighting Services.

Each individual service is categorized according to the table shown below. Temporary changes will be published by NOTAM.

Aerodrome Category For Rescue and Fire Fighting

Aerodrome Category	Aeroplane Overall Length	Maximum Fuselage Width
1	0 m up to but not including 9 m	2 m
2	9 m up to but not including 12 m	2 m
3	12 m up to but not including 18 m	3 m
4	18 m up to but not including 24 m	4 m
5	24 m up to but not including 28 m	4 m
6	28 m up to but not including 39 m	5 m
7	39 m up to but not including 49 m	5 m
8	49 m up to but not including 61 m	7 m
9	61 m up to but not including 76 m	7 m
10	76 m up to but not including 90 m	8 m

AD 1.3 INDEX TO AERODROMES

<i>Aerodrome name Location indicator</i>	<i>Type of traffic permitted to use the aerodrome</i>			<i>Reference to AD Section And remarks</i>
	<i>International – National (INTL-NTL)</i>	<i>IFR-VFR</i>	<i>S = Scheduled NS = Non-scheduled P = Private</i>	
1	2	3	4	5
Aerodromes				
Charles Kirkconnell MWCB	INTL-NTL	IFR-VFR	S – NS – P	AD 2-MWCB
Owen Roberts MWCR	INTL-NTL	IFR-VFR	S – NS - P	AD 2-MWCR
* The location indicators marked with an asterisk (*) cannot be used in the address component of AFS messages.				

AERODROMES – INDEX CHART

TO BE DEVELOPED

AD 1.4 GROUPING OF AERODROMES

The criteria applied by the Cayman Islands in grouping aerodromes for the provision of information in this AIP are as follows:

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

National Aerodrome.

An aerodrome available only for domestic air traffic.

AD 2. AERODROMES**MWCB AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

MWCB – CHARLES KIRKCONNELL International

MWCB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	194113.14N 795258.10 W 096° MAG 910 M from THR 09
2	Direction and distance from the city	3 NM SW of STAKE BAY
3	Elevation/Reference temperature	1.5 M (4.8 FT) 32.3 C / 90.1 F
4	Geoid undulation	-58 FT at Aerodrome Reference Point
5	MAG VAR Annual change	6.25°W (2021) Annual rate of change 0.12° W
6	AD Administration address, telephone number, email and website address	Airport Manager 25 Airport Road P.O. Box 58 Cayman Brac KY2-2001 CAYMAN ISLANDS Tel: (345) 948 1222 Fax: (345) 948 1583 Email: miguel.martin@caymanairports.com Website: www.caymanairports.com
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

MWCB AD 2.3 OPERATIONAL HOURS

1	AD Administration	MON-FRI: 1330-2200 UTC (0830-1700) LST SAT, SUN + HOL: NIL
2	Customs	MON-FRI: 1330-2130 UTC (0830-1630) LST SAT: 1330-1830 UTC (0830-1330) LST SUN, HOL: Available on request and subject to a service charge.
3	Immigration	MON-FRI: 1200-0000 UTC (0700-1900) LST SAT, SUN + HOL: 1200-0000 UTC (0700-1900) LST
4	Health and sanitation	1200-0000 UTC (0700-1900) LST
5	AIS Briefing Office	1200-0000 UTC (0700-1900) LST
6	ATS Reporting Office (ARO)	1200-0000 UTC (0700-1900) LST
7	MET Briefing Office	1200-0000 UTC (0700-1900) LST
8	ATS	1200-0000 UTC (0700-1900) LST
9	Fueling	1200-1530 1830-2330 UTC (0700-1030) (1330-1830) LST Available on request outside of these hours and subject to a service charge.
10	Handling	On Request from Handling Agent
11	Security	H24
12	Remarks	Outside these hours, services are available O/R. Request to be submitted to the AD not later than 1500 UTC (10:00 AM).
13	AD Reference Code	4C

MWCB AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/oil types	Jet A1, no oil available.
3	Fueling facilities/capacity	1 Jet A1 truck 5 000 Gal & airside cabinet for over-wing fueling

4	Hangar space for visiting aircraft	Nil
5	Repair facilities for visiting aircraft	Nil
6	Remarks	Nil.

MWCB AD 2.5 PASSENGER FACILITIES

1	Hotels	Near the AD and Island-wide.
2	Restaurants	Snack Bar at AD and Restaurants Island-wide.
3	Transportation	Taxis from the AD.
4	Medical facilities	First aid at AD. Hospital in Stake Bay.
5	Bank and Post Office	Commercial bank available 0.1 NM from airport terminal building. Post Office drop box available in terminal building.
6	Tourist Office	Office near AD Tel: (345) 948 1649 Fax: (345) 948 1629 Cell: 526 1649
7	Remarks	Nil

MWCB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: CAT 4, CAT 7 available on request.
2	Rescue equipment	1 boat with "life raft" capacity for 125 person. 55 M AirTrack rescue path
3	Remarks	Firefighting service must be requested outside AD HR.

MWCB 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	Not applicable
2	Clearance priorities	Not applicable
3	Remarks	Nil

MWCB 2.8 APRONS, TAXIWAYS AND CHECK/POSITION LOCATION DATA

1.	Apron surface and strength	Surface: Asphalt and Concrete Strength: 72/F/A/W/T		
2.	Taxiway width, surface, and strength	Width: 23 M Surface: Asphalt Strength: 77/F/A/W/T		
3.	Aircraft stands, altimeter checkpoint locations and elevations	Stand	Coordinates	Elevation AMSL (ft)
		1A	194121.38N 0795248.00W	13.6
		1	194121.62N 0795247.48W	13.8
		1B	194121.46N 0795247.06W	13.6
		2A	194121.56N 0795246.05W	13.5
		2	194121.79N 0795245.54W	13.7
		2B	194121.64N 0795245.11W	13.6
4.	VOR checkpoints	Nil		
5.	Remarks	Nil		

MWCB 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1.	Use of aircraft stand ID signs, TWY guidelines and visual docking/parking guidance system of aircraft stands	Aircraft apron stand lead-in lines continue from TWY A centre line to aircraft stand markings. Aircraft stand identification markings are located on each aircraft stand lead-in line.
2.	RWY and TWY markings and lights including TWY edge non-load bearing markings and TWY shoulder transverse stripes.	<p>RWY: Designation, THR, TDZ, centreline, runway edge/end marked and lighted as appropriate. REILs provide a visual indication of each runway THR.</p> <p>TWY A: Centreline, edge, holding position RWY intersection markings. Edge lights available.</p> <p>TWY A: RWY designation and TWY location signs located at taxiway/runway intersection holding position. TWY exit sign located east of TWY.</p>
3.	Stop bars	Nil
4.	Remarks	Nil

MWCB AD 2.10 AERODROME OBSTACLES

Digital terrain and obstacle data sets encompassing the Obstacle Limitation Surfaces defined in ICAO Annex 14, together with the surface having a 1.2 per cent slope over the Take-off Flight Path Areas for runway 09 and runway 27 defined in ICAO Annex 4, and Area 2 defined in ICAO Annex 15, Chapter 5, is available for Charles Kirkconnell International Airport. Data can be obtained from the Cayman Islands Airport Authority website provided below. The MWCB Aerodrome Obstacle Chart – ICAO Type A is found on page AD 2-17. Refer to GEN 3.1.5 for more information on availability of Digital Data Sets.

Website: <https://www.caymanairports.com/aeronautical-information-publication/>

MWCB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	Cayman Islands Airports Authority AIS/MET
2	Hours of service	1200 – 0000 UTC
3	Office responsibility for TAF preparation Period of validity	National Weather Service 24 HR – 1212,1818UTC
4	Type of landing forecast Interval of issuance	TAF 6 HR
5	Briefing/consultation provided	Personal consultation and climatology via telephone provided by CINWS in Grand Cayman
6	Flight documentation Language (s) used	Charts, abbreviated plain language text English
7	Charts and other information available for briefing consultation	Provided by CINWS.
8	Supplementary equipment available for providing information	Radar and Satellite imagery available via Internet (CINWS website) Telephone,
9	ATS units provided with information	Charles Kirkconnell TWR, Owen Roberts TWR, & Cayman Approach.
10	Additional information (limitation of service, etc	<ol style="list-style-type: none"> 1. Wind Data within the Meteorological observations are instrumentation threshold of RWY 09. 2. 1818 TAF will be cancelled at 0000 UTC. TAF distribution is resumed at 1100 UTC daily. 3. CINWS monitors the observations and carries out quarterly checks onsite QC checks.

MWCB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRIG	Dimensions of RWY (M)	Strength (PCN) and Surface of RWY and SWY	THR Coordinates		THR elevation and Highest elevation of TDZ of Non-Precision APP RWY
1.	2.	3.	4.	5.		6.
09	089°GEO 096 MAG	1829x45	44/F/A/W/T Asphalt (grooved)	194110.4280N 0795329.3889W		THR 0.6 M/2FT
27	269°GEO 276 MAG	1829X45	44/F/A/W/T Asphalt (grooved)	194115.8576N 0795226.8575W		THR 1 M/3FT
Longitudinal Slope of RWY	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ	RESA	Remarks
7.	8.	9.	10.	11.	12.	13.
NIL	NIL	150 x150	1949 x150	NIL	90 x90	Trees, fence, road and mobile obstacles infringe the south part of a section of southward RWY strip between 65M and 75M width measured from the runway centerline and located 100M to 500M west of RWY 27 THR
Nil	Nil	150x150	1949 x 150*	Nil	90 x 90	
Origin of Approach Surface	Location	Slope of Approach Surface	Origin of Take -Off Surface	Location	Slope Take off Surface	Remarks
14.	15.	16.	17.	18.	19.	20.
09	60M West of threshold	1:40 / 2.5%	09	End of CWY	1:50 / 2%	NIL
27	60M East of threshold	1:40 / 2.5%	27	End Of CWY	1:50 / 2%	

MWCB 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>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
09	1829	1979	1829	1829	Nil
27	1829	1979	1829	1829	Nil

MWCB AD 2.14 APPROACH AND RUNWAY LIGHTING

<i>RWY Designator</i>	<i>APCH LGT Type Len INTST</i>	<i>THR LGT COLOR WBAR</i>	<i>PAPI</i>	<i>TDZ LGT LEN</i>	<i>RWY Center Line LGT, Length spacing Color INTST</i>	<i>RWY Edge LGT LEN, spacing Color INTST</i>	<i>RWY END LGT Color WBAR</i>	<i>SWY LGT LEN (M) Color</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
09	REILS LIM	Green -	PAPI Left/ 3°	Nil	Nil	1829 White, LIH	Red -	Nil	Nil
27	REILS LIM	Green -	PAPI Left/ 3°	Nil	Nil	1829 White, LIH	Red -	Nil	Nil

MWCB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN: ATC Tower, FLG W G EV 2 SEC/IBN: Nil 1200 – 0000 UTC
2	<i>LDI location and LGT Anemometer location and LGT</i>	LDI: Nil Anemometer: RWY 09, 194113.4173N 0795323.7400W 170 M east of THR 09 Lit
3	<i>TWY edge and center line lighting</i>	Edge: TWY Center line: Nil
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply to all lighting at AD. Switch-over time: 15 SEC
5	<i>Remarks</i>	Obstacle lighting. Apron stands floodlighting. Illuminated wind direction indicators.

MWCB AD 2.16 HELICOPTER LANDING AREA

1	<i>Coordinates TLOF or THR of FATO</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 and MAG BRG of FATO</i>	Nil
5	<i>Declared distance available</i>	Nil
6	<i>APP and FATO lighting</i>	Nil
7	<i>Remarks</i>	Nil

MWCB AD 2.17 ATS AIRSPACE

1	<i>Designated and lateral limits</i>	CHARLES KIRKCONNELL CTR A circle, radius 10 NM center at 194113.14N 0795258.10W
2	<i>Vertical limits</i>	SFC to 1 500 MSL
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign</i> <i>Language (s)</i>	BRAC TOWER English
5	<i>Transition altitude</i>	17 000 FT MSL
6	<i>Remarks</i>	Nil

MWCB AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service Designation</i>	<i>Call sign</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5
APP	Cayman Approach	120.200 MHz 121.500 MHz	1200 – 0200 UTC 1200 – 0200 UTC	Primary frequency Emergency frequency
TWR	Brac Tower	118.400 MHz 121.500 MHz	1200 – 0000 UTC 1200 – 0000 UTC	Primary frequency Emergency frequency

MWCB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids	ID	Frequency	Hours of Operation	Site Of Transmitting Antenna Coordinates	Elevation of DME transmitting Antenna	Remarks
1.	2.	3.	4.	5.	6.	7.
Nil	Nil	Nil	Nil	Nil	Nil	Nil

MWCB AD 2.20 LOCAL TRAFFIC REGULATIONS**1. Airport regulations**

1.1 At Charles Kirkconnell Airport local regulations are in accordance with the Civil Aviation, Air Navigation (Overseas Territories) Order 2001; ICAO Annexes 2 and 11 to the Convention on International Civil Aviation and to those portions, applicable to aircraft, of the procedures for Air Navigation Services – Rules of the Air and Air Traffic Services, and the Regional Supplementary Procedures applicable to the CAR Region.

Information on how to obtain Local Regulations may be requested from the following address:

Director General of Civil Aviation
205 Owen Roberts Drive
P.O. Box 10277
Grand Cayman KY 1-1003
CAYMAN ISLANDS

TEL: 345 949 7811
FAX: 345 949 0761
EMAIL: richard.smith@caacayman.com
Website: www.caacayman.com

2. Taxing to and from stands

2.1 After landing, ATC will instruct arriving aircraft to taxi to parking. A stand number will be allocated, by the TWR or a handling agent providing a marshalling service. General aviation aircraft will have to use the designated general aviation parking area.

2.2 ATC will issue a taxi clearance from the parking area to an appropriate runway for departing traffic. Departing IFR flights shall contact the TWR to obtain ATC clearance before commencing taxing. Request for ATC clearance may take place at the earliest, 10 minutes prior to engine start-up.

3. Parking area for small aircraft (General aviation)

3.1 General aviation aircraft shall be guided by ATC to the parking area for small aircraft.

4. Parking area for helicopters

4.1 ATC will guide helicopters to an appropriate parking area.

5. Taxi, take-off and landing – limitations

5.1 The view of threshold runway 09/27 from the Air Traffic Control Tower is obscured due to the location of natural obstacles (trees) along the north shoulder of the runway. This hazard is mitigated through Closed Circuit TV cameras allowing flight observation in the affected areas. Aircraft operators should use extreme caution during taxi, take-off and landing.

6. Training flights and technical test flights – use of runway

6.1 Training flights and such technical flights necessary for the purpose of ascertaining the airworthiness of an aircraft during flight, use of the runway system at the aerodrome is restricted as follows:

RWY 09 – right hand circuit only, unless traffic dictates otherwise.

RWY 27 – left hand circuit only, unless traffic dictates otherwise.

6.2 VFR training flights are NOT permitted at night.

See also AD 2.21 – Noise Abatement Procedures

7. Non-scheduled flight – limitations

7.1 Non-scheduled public air traffic wishing to operate outside the published airport operational hours, is permitted only after prior approval from the Aerodrome Administration. Any contact concerning the above shall be made via the handling company or directly to the Airport Office during the hours of service and, if possible, not later than the day before the flight is to be carried out.

7.2 Any request for approval of traffic shall contain the following information:

- a) Owner/operator
- b) Type of aircraft/helicopter, registration/call sign
- c) Date, arrival time/departure time, destination(s).

7.3 Furthermore, other details relevant to the evaluation of the request shall be given as required.

8. Removal of disabled aircraft from runway

8.1 When an aircraft is disabled on the runway, it is the duty of the owner or user of such aircraft to have it removed as soon as possible. If a disabled aircraft is not removed from the runway as quickly as possible by the owner or user, the aircraft will be removed by the aerodrome authority at the owner's or user's expense.

MWCB AD 2.21 NOISE ABATEMENT PROCEDURES**1. General provisions**

- 1.1 In case of special meteorological conditions such as CBs, significant wind variations, etc. in the approach and take-off sectors, the ATS can, at its discretion or on request from the pilot-in-command, deviate from the provisions below, if deemed necessary for safety reasons.
- 1.2 Deviations are permitted in connection with:
- a) Take-off and landing for vital flights, such as ambulance and transplantation flights, and the like.
 - b) Take-off and landing in connection with rescue operations.
 - c) Take-off and landing in connection with security control of the airport area.
 - d) Landing in such cases where the aircraft during flight has experienced reduced airworthiness, and the pilot-in-command judges it necessary to land.
 - e) Landing where the pilot-in-command declares an emergency situation.
 - f) Training flights conducting simulated force landings.

2. Restrictions

- 2.1 The restrictions below are for jet aircraft with low bypass ratio engines, irrespective of weight. Flights below 1500 FT, within 2000 FT of the coastline are prohibited, except for take-off and landing.

2.1.1 Landing restriction RWY 09

Nil

2.1.2 Take-off restrictions RWY 09

- a) Take-off must be commenced from RWY 09, unless the prevailing winds dictate the use of RWY 27. Climb on runway heading until 3 000 ft before proceeding on course, between 0000 and 1200 UTC.
- b) Take-off to 1 000 ft above aerodrome elevation (*Figure 1*):
 - take-off power/thrust
 - take-off flap
 - climb at $V_2 + 10$ to 20 kt

At 1 000 ft:

- maintain a positive rate of climb, accelerate to zero flap minimum safe maneuvering speed (VZF) retracting flaps on schedule;
- thereafter reduce thrust consistent with the following:

- 1) reduce power/thrust to below normal climb thrust but not less than that necessary to maintain the final take-off engine out climb gradient; and

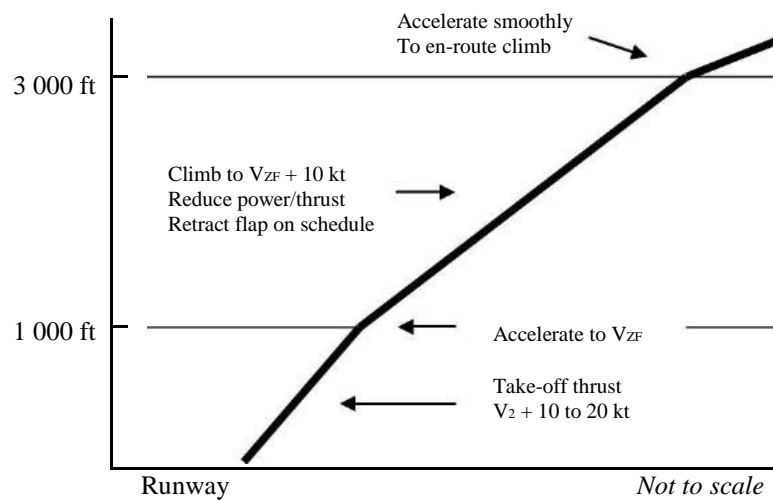
thereafter, from 1 000 ft to 3 000 ft:

- continue climb at not greater than $V_{ZF} + 10$

kt. At 3 000 ft:

- accelerate smoothly to en-route climb speed.

Figure 1



2.1.3 Landing restriction RWY 27

Nil.

2.1.4 Take-off restriction RWY 27

- a) As in 2.1.2 b) above.

3. Training flights

- 3.1 Training flights operating in the aerodrome traffic circuit are required to make right hand circuits for RWY 09 and left hand circuits for RWY 27, unless otherwise instructed by ATC.

4. Reporting

- 4.1 ATC shall notify the Director of Civil Aviation of every operation deviating from the above-mentioned provisions.

- 1.1 The Director General of Civil Aviation will make further investigations based on reports from ATC.

MWCB AD 2.22 FLIGHT PROCEDURES**1. General**

- 1.1 Unless special permission has been obtained from Cayman Approach or Brac Tower as appropriate, flight within the Charles Kirkconnell CTR shall be in accordance with the Visual Flight Rules and Instrument Flight Rules of ICAO Annex 2.

2. Procedures for IFR flights within Charles Kirkconnell CTR

- 2.1 The inbound, transit and outbound routes shown on the charts may be varied at the discretion of ATS. If necessary, in case of congestion, inbound aircraft may also be instructed to hold at one of the designated airway's, reporting points.

3. Speed limitations

- 3.1 IFR and VFR aircraft operations in excess of 250 knots IAS, below 10 500 feet, is not permitted within the Cayman Islands TMA and Charles Kirkconnell CTR.

4. Communication failure

- 4.1 In the event of communication failure, the pilot shall act in accordance with the communication failure procedures listed below. For the Charles Kirkconnell CTR, information concerning the associated navigation aids and the routing is given on page ENR 3.1-1 and 4.1-1
- 4.1.1 Air-ground
- a) When an aircraft fails to establish contact with Brac tower on 118.4 MHz, it shall attempt to establish contact on another frequency appropriate to the route. If this attempt fails, the aircraft shall attempt to establish communication with other aircraft on 118.4 MHz.
 - b) If the above attempts fail the aircraft shall transmit its message twice to Brac tower on 118.4 MHz, preceded by the phrase "TRANSMITTING BLIND".
- 4.1.2 Receiver failure
- a) When an aircraft is unable to establish communication due to receiver failure, it shall transmit reports at the scheduled times, or positions, on 118.4 MHz, preceded by the phrase "TRANSMITTING BLIND DUE TO RECEIVER FAILURE". The aircraft shall transmit the intended message, following this by a complete repetition. During this procedure, the aircraft shall also advise the time of its next intended transmission.
 - b) In addition to complying with 4.1.2 a), aircraft shall transmit information regarding the intention of the pilot-in-command with respect to the continuation of the flight of the aircraft.
 - c) When an aircraft is unable to establish communication due to airborne equipment failure it shall, when so equipped, select SSR code 7600 to indicate radio failure.
- 4.1.3 Ground-to-air
- a) When Brac tower is unable to establish contact with an aircraft on 118.4 MHz, it shall request
 - b) Cayman Approach to render assistance by calling the aircraft and relaying traffic, if necessary;

-
- c) request aircraft on the route to attempt to establish communication with the aircraft and relay traffic, if necessary.
- 4.2 In addition, the aircraft, when forming part of the aerodrome traffic, shall keep a watch for such instructions as may be issued by visual signals.
- 4.2.1 If in visual meteorological conditions, the aircraft shall:
- a) continue to fly in visual meteorological conditions; and
 - b) land.
- 4.2.2 If in instrument meteorological conditions or when conditions are such that it does not appear feasible to complete the flight in accordance with 4.2.1, the aircraft shall:
- a) maintain the last assigned speed and level for a period of 20 minutes following the aircraft's failure to report its position over a compulsory reporting point and thereafter adjust level and speed in accordance with the filed flight plan;
 - b) proceed according to the current flight plan route to the appropriate designated navigation aid serving the destination aerodrome and, when required to ensure compliance with c) below, hold over this aid until commencement of descent;
 - c) commence descent from the navigation aid specified in b) at, or as close as possible to, the expected approach time last received and acknowledged; or, if no expected approach time has been received and acknowledged, at, or as close as possible to, the estimated time of arrival resulting from the current flight plan;
 - d) complete a normal instrument approach procedure as specified for the designated navigation aid; and
 - e) land if possible, within thirty minutes after the estimated time of arrival specified in c) or the last acknowledged expected approach time, whichever is later.

5. Procedures for VFR flights within the Charles Kirkconnell CTR

- a) A flight plan shall be filed for the flight concerned.
- b) ATC clearance shall be obtained from the Control Tower.
- c) Deviation from ATC clearance may only be made when prior permission has been obtained.
- d) The flight shall be conducted with vertical visual reference to the ground.
- e) Two-way radio communication shall be established on 118.4 MHz, before flight takes place in the Control Zone.

MWCB AD 2.23 ADDITIONAL INFORMATION**1. Bird concentration in the vicinity of the airport**

1.1 Intense activity of varied bird species associated with a bird sanctuary (located on the south side of RWY 09) takes place daily. Height varies from 0 – 2000 ft AGL. Due to roosting and feeding patterns, the risk significantly increase during the periods of dawn and dusk and flights during these times should be avoided.

1.2 As far as practicable, Brac tower will inform pilots of this bird activity. Pilots of aircraft are advised, where the design limitations of aircraft installations permit, to operate landing lights in-flight, within the terminal area and during take-off, approach-to-land and climb and descent procedures.

1.3 Based on knowledge of the bird problem and ongoing mitigation methods it is recommended that all flight operations be limited to the published operational hours of the airport. **Aircraft taking off and landing before sunrise and after sunset should be discouraged.**

2. Reporting of bird strike**2.1 General**

2.1.1 In order to accurately assess and mitigate the bird strike threat within The Cayman Islands, the Civil Aviation Authority requires comprehensive statistics of bird strike events. All pilots flying within the Charles Kirkconnell CTR are therefore requested to report to the Civil Aviation Authority all cases of bird strike or incidents where damage has occurred to the aircraft. In the case of no damage from a confirmed bird strike a report should be made to Brac Tower or the CIAA Safety Office.

2.2 Reporting

2.2.1 To facilitate the reporting of incidents, a Bird Strike Reporting Form is available from the following link: <https://www.caacayman.com/wp-content/uploads/forms/Occurrence%20Report%20Form%20Bird%20strikes.pdf>. In connection with incidents on or near an aerodrome, pilots are requested to collect the bird, or much of the remnants as possible, and call 345-244-5835 for assistance. In the event of a bird strike, pilots are requested to file a report and forward it to:

Director General of Civil Aviation
Unit 2 Cayman Grand Harbour
P.O. Box 10277
Grand Cayman KY1-1003
Cayman Islands

TEL: 345 949 7811
FAX: 345 949 0761
EMAIL: mor@caacayman.com
Website: www.caacayman.com

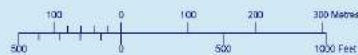
2.2.2 Any supplementary information on the circumstances under which the incident took place should also be included.

MWCB AD 2.24 CHARTS RELATED TO AN AERODROME











Aerodrome Chart	MWCB AD 2-16
Aerodrome Obstacle Chart – ICAO Type A (for each runway)	MWCB AD 2-17
RNAV (GPS) Instrument Approach Chart – Runway 09	MWCB AD 2-19
RNAV (GPS) Instrument Approach Chart – Runway 27	MWCB AD 2-20
Standard Arrival Chart	MWCB AD 2-21
Standard Departure Chart	MWCB AD 2-22
Visual Approach Chart	MWCB AD 2-23
Area Chart	MWCB AD 2-24
Bird Concentration	MWCB AD 2-25

CHARLES KIRKCONNELL INT'L- MWCB
Cayman Brac, Cayman Islands

VAR 8.25°W - 2021
N
Annual Rate
of Change 0.12°W



ATS COMMUNICATION FACILITIES			
Service	Call Sign	Primary frequency	Emergency frequency
APP	CAYMAN APPROACH	120.200 MHz	121.500 MHz
TWR	BRAC TOWER	118.400 MHz	121.500 MHz

LEGEND	
AERODROME REFERENCE POINT (ARP)	
BUILDING	
WINDSLEEVE	
TREE / BUSH	
FENCE	
RWY THR & RWY END LIGHTS	
RWY THR IDENTIFICATION LIGHTS	
PAPI LIGHTS	
ATO SERVICE BOUNDARY	
SURVEY CONTROL STATIONS	

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART - ICAO
TYPE A - OPERATING LIMITATIONS RWY 09 / 27

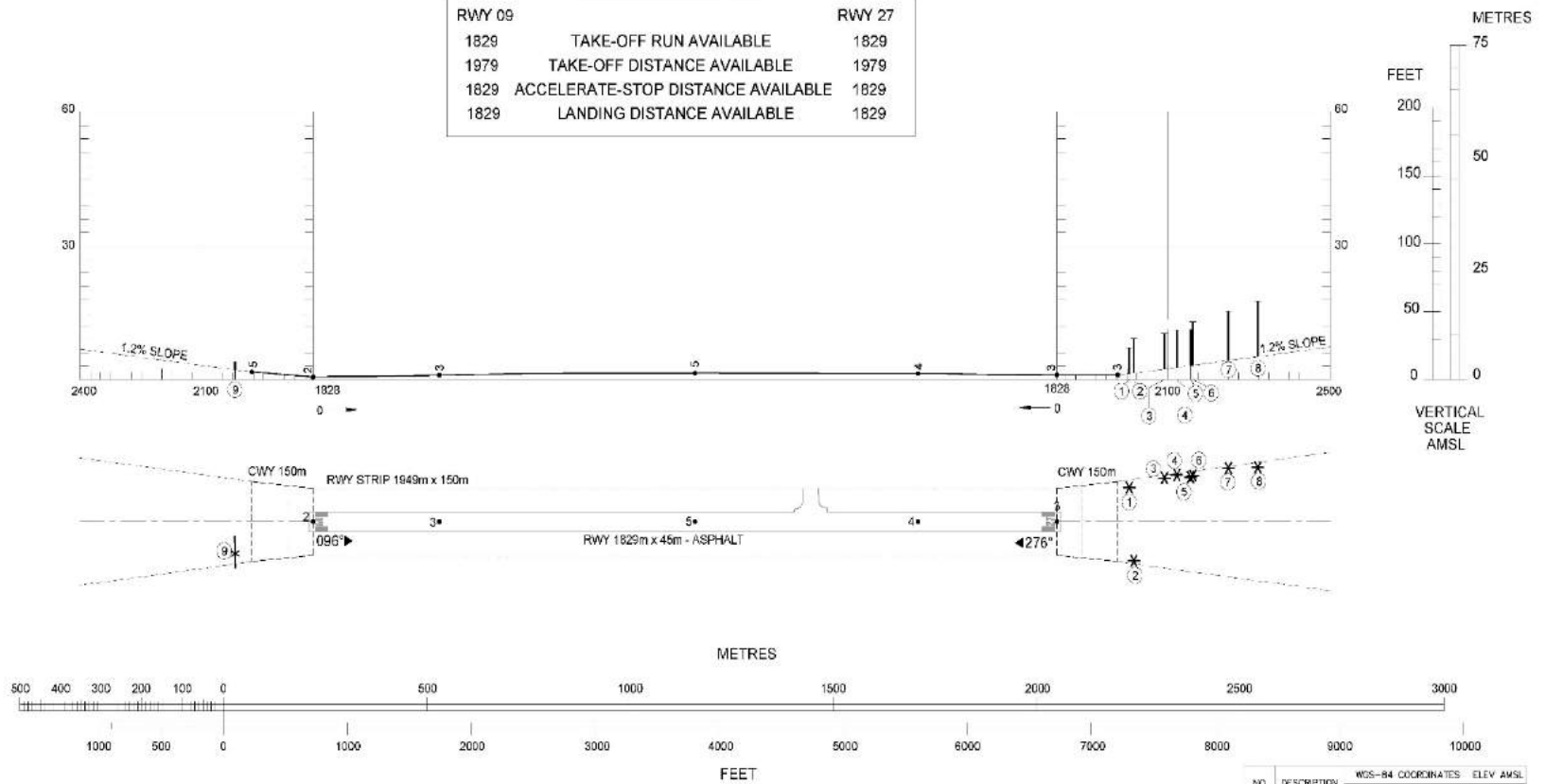
**CHARLES KIRKCONNELL INT'L (MWCB)
CAYMAN BRAC, CAYMAN IS.**

RUNWAY 09-27

MAGNETIC VARIATION 6°W - FEB 2021

DECLARED DISTANCES

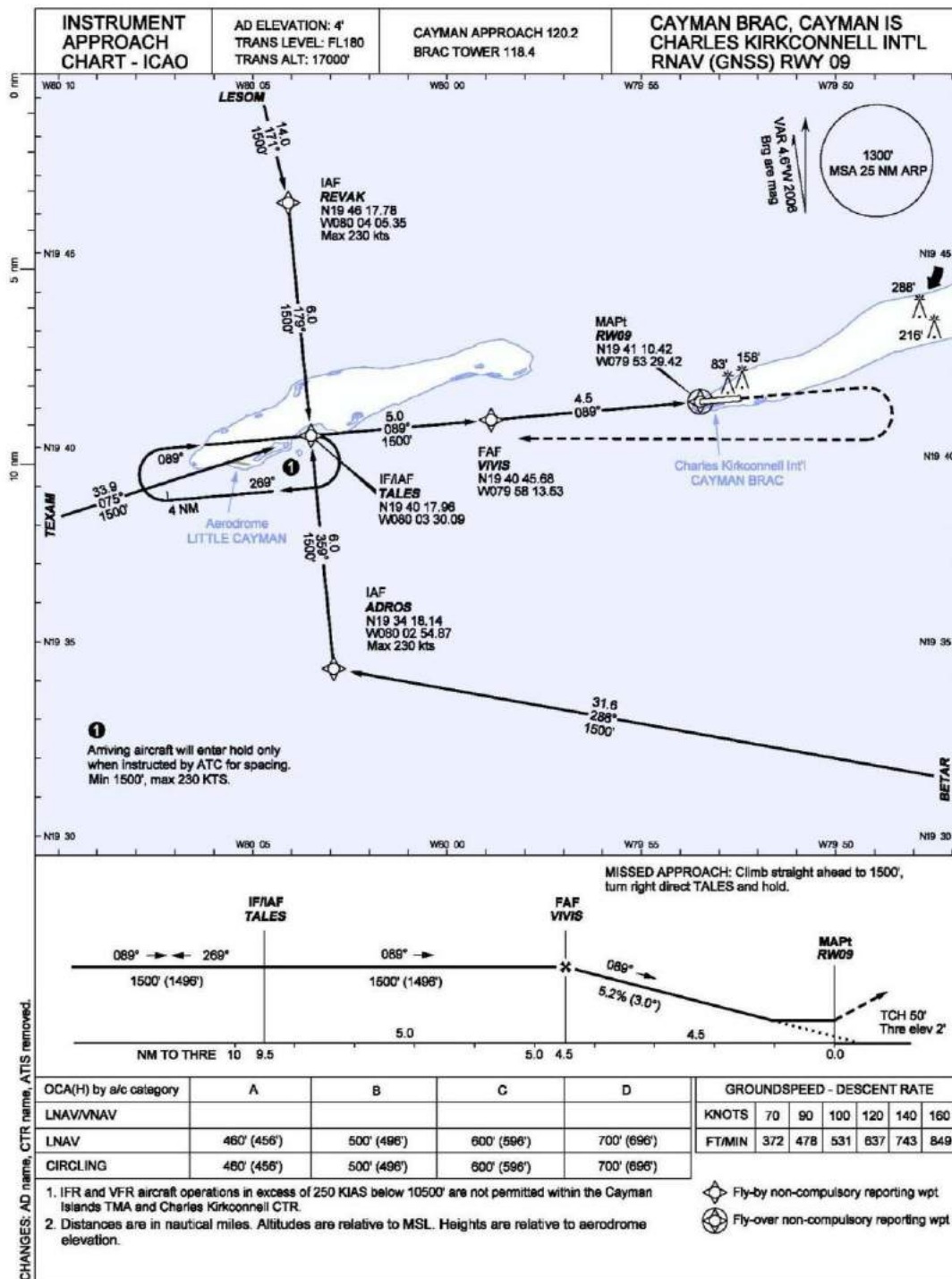
RWY 09		RWY 27
1829	TAKE-OFF RUN AVAILABLE	1829
1979	TAKE-OFF DISTANCE AVAILABLE	1979
1829	ACCELERATE-STOP DISTANCE AVAILABLE	1829
1829	LANDING DISTANCE AVAILABLE	1829



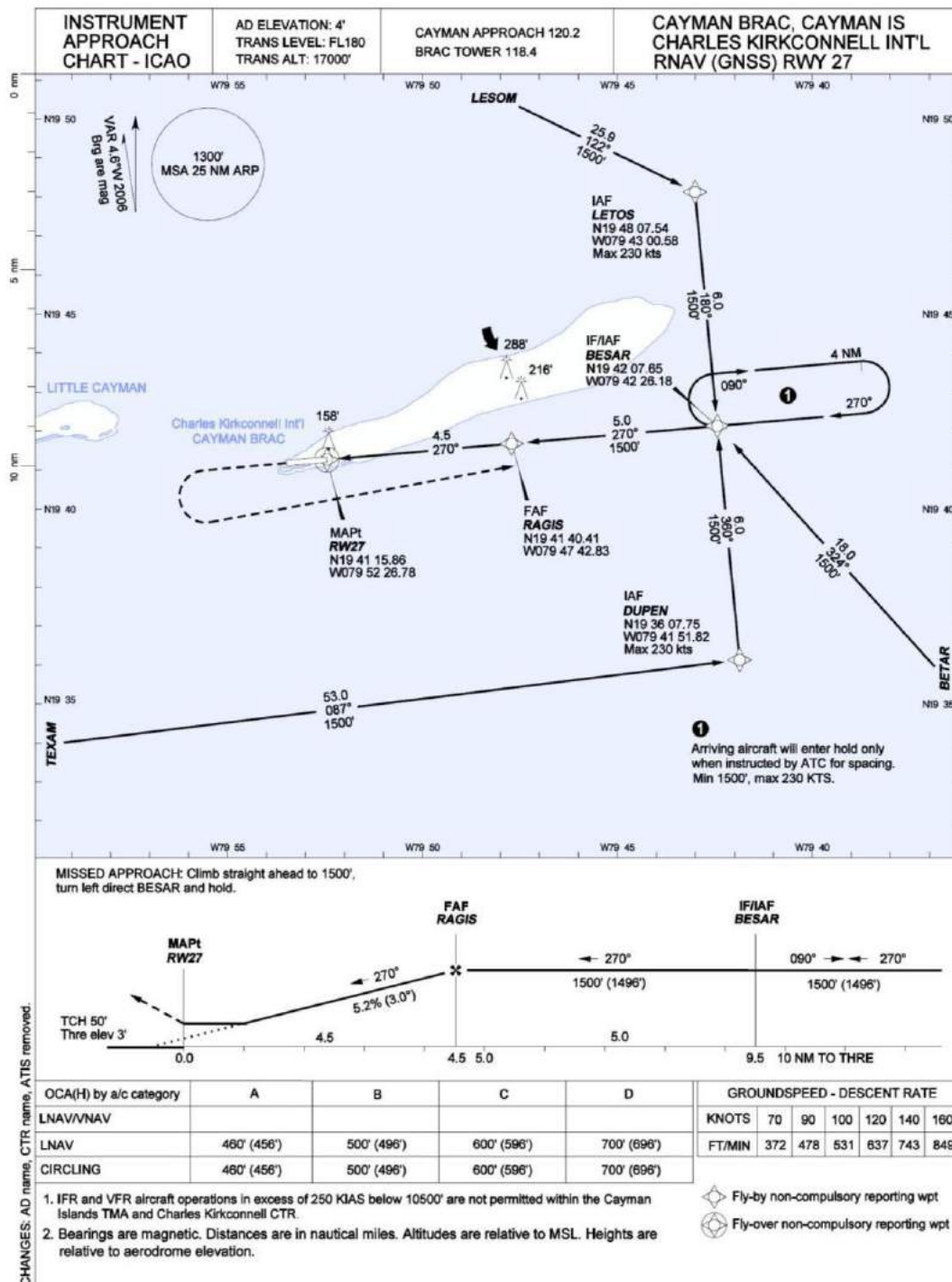
LEGEND	
IDENTIFICATION NUMBER	PLAN
OBSTACLE TYPE	PROFILE
TREE (DASH)	+
POLE	→

NO	DESCRIPTION	WGS-84 COORDINATES		ELEV AMSL
		LATITUDE	LONGITUDE	FT
1	TREE	19°11'18.85N	079°52'21.02W	23.4
2	TREE	19°11'3.57N	079°52'20.11W	30.4
3	TREE	19°11'19.80N	079°52'18.12W	34.2
4	TREE	19°11'20.12N	079°52'17.10W	36.4
5	TREE	19°11'20.08N	079°52'15.93W	36.9
6	TREE	19°11'20.16N	079°52'15.76W	42.6
7	TREE	19°11'20.69N	079°52'12.82W	50.1
8	TREE	19°11'21.26N	079°52'10.35W	57.5
9	FENCE	19°11'07.55N	079°53'35.69W	13.3

INTENTIONALLY LEFT BLANK



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STANDARD ARRIVAL CHART - INSTRUMENT - RUNWAY 09

CHARLES KIRKCONNELL/INTL

TO BE DEVELOPED

INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART - INSTRUMENT - RUNWAY 27

CHARLES KIRKCONNELL/INTL

TO BE DEVELOPED

VISUAL APPROACH CHART
CHARLES KIRKCONNELL/INTL

TO BE DEVELOPED

AREA CHART
CHARLES KIRKCONNELL/INTL

TO BE DEVELOPED

BIRD CONCENTRATION IN THE VICINITY OF THE AERODROME

CHARLES KIRKCONNELL/INTL

TO BE DEVELOPED

AD 2. AERODROMES**MWCR AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

MWCR – OWEN ROBERTS/International

MWCR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP coordinates and site at AD	N191734.00 W0812127.97 083° MAG 1070 M from THR 08
2.	Direction and distance from the city	ESE, 1 NM from George Town
3.	Elevation/Reference temperature	2.4 M (8 FT)/34 C
4.	Geoid undulation	-48 at Aerodrome Reference Point
5.	MAG VAR/Annual change	5° 40' W (2021) Annual rate of change 0.12°W
6.	AD Administration, address, telephone	Cayman Islands Airports Authority 298 Owen Roberts Drive P.O. Box 10098 Grand Cayman KY1-1001 Cayman Islands Tel: (345) 943 7070 Email: ciaa@caymanairports.com Website: www.caymanairports.com
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR
8.	Remarks	Nil

MWCR AD 2.3 OPERATIONAL HOURS

1.	AD Administration	MON-FRI 1330-2200 UTC (0830-1700 LST) SAT, SUN + HOL: NIL
2.	Customs and Immigration	MON-FRI 1330-2200 UTC (0830-1700 LST) SAT, SUN + HOL: NIL
3.	Health and sanitation	1200- 0200 UTC (0700-2100 LST)
4.	AIS Briefing Office	1200- 0200 UTC (0700-2100 LST)
5.	ATS Reporting Office (ARO)	1200- 0200 UTC (0700-2100 LST)
6.	MET Briefing Office	1200- 0200 UTC (0700-2100 LST)
7.	ATS	1200- 0200 UTC (0700-2100 LST)
8.	Fueling	1200- 0200 UTC (0700-2100 LST)
9.	Handling	1200- 0200 UTC (0700-2100 LST)
10.	Security	H24
11.	Remarks	Outside these hours, services are available O/R. Request to be submitted to the AD not later than 1500 UTC (10:00 AM)
12.	AD Reference Code	AD

MWCR AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Trucks 1.5-3.5 tonnes
2.	Fuel/oil types	Jet A1, AVGAS 100 LL, no aviation oils available.
3.	Fueling facilities/capacity	6 Jet A1 trucks 30,000-Gal, 1 AVGAS 100 LL truck 1,500 Gal No AVGAS Cabinet.
4.	Hangar space for visiting aircraft	By arrangement with the AD.
5.	Repair facilities for visiting aircraft	By arrangement with the AD.
6.	Remarks	Handling services available within AD HR or by arrangement with the AD.

MWCR AD 2.5 PASSENGER FACILITIES

1.	Hotels	Near the AD and Island -wide.
2.	Restaurants	Restaurant at AD and Island -wide
3.	Transportation	Buses, taxis and car hire from the AD
4.	Medical facilities	First Aid at AD. Hospital in Georgetown.
5.	Bank & Post Office	At AD. Open within AD HR. Post Office located near AD
6.	Tourist Office	Office in Georgetown Tel: (345) 94940623 Fax:(345) 9494053
7.	Remarks	Nil

MWCR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	Within AD HR: CAT 7 CAT 9 available on request.
2.	Rescue equipment	1 boat with 300 persons life-raft capacity.
3.	Remarks	Outside AD HR, firefighting service to be requested.

MWCR 2.7 SEASONAL AVAILABILITY – CLEARING

1.	<i>Types of clearing equipment</i>	Not applicable
2.	<i>Clearance priorities</i>	Not applicable
3.	<i>Remarks</i>	Nil

MWCR 2.8 APRONS, TAXIWAYS AND CHECK/POSITION LOCATION DATA

1.	Apron surface and strength	Surface: Asphalt and Concrete Strength: Aircraft stands 1-8, 43/F/B/W/T Aircraft stands 9-14, 67/R/B/W/T																																				
2.	Taxiway width, surface and strength	Width: A- 23 M, B- 23 M, C- 23 M, D - 23 M, E - 28 M, F - 28 M, G - 23 M. Surface: A- Asphalt B- Asphalt C- Asphalt D- Asphalt E- Asphalt F -Asphalt G-Asphalt Strength: 'A' 111/F/D/XT 'B' 111/F/D/XT Strength: 'C' 85/F/A/W/T 'D' 78/F/A/W/T 'E' 30/F/A/W/T 'F' 35/F/A/W/T 'G' 111/F/D/X/T																																				
3.	VOR checkpoint VOR checkpoint Frequency Aircraft stands, Altimeter checkpoints locations and elevations	NIL 115.6 MHz <table border="1"> <thead> <tr> <th>Stand</th><th>Coordinates</th><th>Elevation AMSL (ft)</th></tr> </thead> <tbody> <tr><td>1</td><td>191741.7518N 0812131.8762W</td><td>7.90</td></tr> <tr><td>1A</td><td>191742.0205N 0812131.6336W</td><td>8.12</td></tr> <tr><td>2</td><td>191742.0721N 0812130.5278W</td><td>8.19</td></tr> <tr><td>2A</td><td>191742.4581N 0812129.7960W</td><td>8.11</td></tr> <tr><td>2L</td><td>191742.2430N 0812130.6378W</td><td>8.26</td></tr> <tr><td>3</td><td>191742.4260N 0812129.0444W</td><td>7.86</td></tr> <tr><td>4</td><td>191742.7458N 0812127.6973W</td><td>7.57</td></tr> <tr><td>5</td><td>191743.0662N 0812126.3509W</td><td>7.35</td></tr> <tr><td>6</td><td>191743.3923N 0812125.0047W</td><td>7.13</td></tr> <tr><td>7</td><td>191743.7031N 0812123.6562W</td><td>6.99</td></tr> <tr><td>8</td><td>191744.0567N 0812122.1729W</td><td>6.73</td></tr> </tbody> </table>	Stand	Coordinates	Elevation AMSL (ft)	1	191741.7518N 0812131.8762W	7.90	1A	191742.0205N 0812131.6336W	8.12	2	191742.0721N 0812130.5278W	8.19	2A	191742.4581N 0812129.7960W	8.11	2L	191742.2430N 0812130.6378W	8.26	3	191742.4260N 0812129.0444W	7.86	4	191742.7458N 0812127.6973W	7.57	5	191743.0662N 0812126.3509W	7.35	6	191743.3923N 0812125.0047W	7.13	7	191743.7031N 0812123.6562W	6.99	8	191744.0567N 0812122.1729W	6.73
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8	191744.0567N 0812122.1729W	6.73																																				

		9	191745.1140N 0812120.7767W	6.18
		10	191745.9330N 0812120.3018W	6.50
		11	191745.9381N 0812119.5628W	6.45
		12	191746.2587N 0812118.2173W	6.44
		13	191746.5629N 0812117.6626W	6.55
		14	191746.5792N 0812116.8719W	6.47
4.	Remarks	Aircraft on stands 12 to 14 must pushback and pull forward to abeam stand 11 before starting engines		

MWCR 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1.	Use of aircraft stand ID signs, TWY guidelines and visual docking/parking guidance system of aircraft stands	TWY and RWY signs at all holding positions. Parking position signs and markings at Main Terminal Apron.
2.	RWY and TWY markings and LGT including TWY edge non-load bearing markings and TWY shoulder transverse stripes.	<p>RWY: Designation, THR, TDZ, center line markings, runway edge/end marked and lighted as appropriate.</p> <p>TWY: Centerline lights taxiway E & F only. Edge lights TWY A, B, C, D, E, F, G. Holding position markings and signs at all TWY/RWY intersections.</p> <p>TWY: Intermediate holding position GOLF 1</p>
3.	Stop bars	Nil
4.	Remarks	Nil

MWCR AD 2.10 AERODROME OBSTACLES

Digital terrain and obstacles data sets encompassing the Obstacle Limitation Surfaces defined in ICAO Annex 14, together with the surface having a 1.2 per cent slope over the Take-off Flight Path Areas for runway 09 and runway 27 defined in ICAO Annex 4, and Area 2 defined in ICAO Annex 15, Chapter 5, is available for Owen Roberts International Airport. Data can be obtained from the Cayman Islands Airport Authority website provided below. The MWCR Aerodrome Obstacle Chart – ICAO Type A is found on page MWCR AD 2-43. Refer to GEN 3.1-5 for more information on available Digital Data Sets.

Website: <https://www.caymanairports.com/aeronautical-information-publication/>

MWCR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	Cayman Islands National Weather Service (CINWS)
2	<i>Hours of service</i>	1000 – 0300 UTC
3	<i>Office responsibility for TAF preparation</i> <i>Period of validity</i>	Cayman Islands National Weather Service 24 HR – 0606,1212,1818,0024 UTC
4	<i>Type of landing forecast</i> <i>Interval of issuance</i>	TAF 6 HR
5	<i>Briefing/consultation provided</i>	Personal consultation and climatology
6	<i>Flight documentation</i> <i>Language (s) used</i>	Charts, abbreviated plain language text English
7	<i>Charts and other information available for briefing or consultation</i>	Wind /Temp charts for various flight levels, upper sounding charts, SFC Charts, SIGWX
8	<i>Supplementary equipment available for providing information</i>	Radar, Satellite receiving station, Internet Telephone &Fax,
9	<i>ATS units provided with information</i>	Brac TWR, Owen Roberts TWR Cayman APP
10	<i>Additional information (limitation of service, etc.)</i>	<p>1.) There is a contractual agreement with Cayman Airways for the provision of meteorological observation to be provided for 0400 and 0500 UTC on Sunday only. This agreement could be terminated at the discretion Cayman Airways.</p> <p>2.) Wind Data within the meteorological observations are based on landing zone of RWY 08. Wind measurement is also available for landing zone of RWY 26 and can be obtained from Owen Roberts TWR</p> <p>3.) 0024 TAF will be cancelled at 0300 UTC on Mon-Sat with the TAF being cancelled at 0500 UTC on Sundays. TAF will be cancelled at 0500 UTC. TAF distribution is resumed at 1100 UTC</p>

MWCR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRIG	Dimensions of RWY (M)	Strength (PCN) and Surface of RWY and SWY	THR Coordinates		THR elevation and Highest elevation of TDZ of Non-Precision APP RWY
1.	2.	3.	4.	5.		6.
08	077°GEO 083° MAG	2398 x 45	84/F/C/X/T Asphalt (grooved)	191725.5720N 0812203.4331W		THR 2.4 M/8FT
26	257°GEO 263° MAG	2398 x 45	84/F/C/X/T Asphalt (grooved)	191741.4755N 0812056.6161W		THR 1.8 M/6FT
Longitudinal Slope of RWY	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ	RESA	Remarks
7.	8.	9.	10.	11.	12.	13.
NIL	NIL	274 x 150	2518 x 150	NIL	90 x 90	NIL
NIL	NIL	150 x 150	2518 x 150	NIL	203 x 90	NIL
Origin of Approach Surface	Location	Slope of Approach Surface	Origin of Take -Off Surface	Location	Slope Take off Surface	Remarks
14.	15.	16.	17.	18.	19.	20.
08	60M West of disp. threshold	1:40 / 2.5%	08	End of CWY	1:50 / 2%	NIL
26	60M East of disp. threshold	1:40 / 2.5%	26	End Of CWY	1:50 / 2%	NIL

MWCR AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
08	2275	2549	2275	2010	NIL
26	2134	2284	2134	2010	NIL

MWCR AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type LEN INTST	THR LGT Color WBAR	PAPI	TDZ LGT LEN	RWY Center Line LGT Length, spacing, Color, INTS T	RWY Edge LGT LEN, spacing Color INTST	RWY End LGT Color WBAR	SWY LGT LEN (M) Color	Remarks
1	2	3	4	5	6	7	8	9	10
08	SALS Centerline with one crossbar, 335 M LIM	Green LIM Wingbars	PAPI Left/ 3 ⁰	Nil	Nil	2398 m *60 M white (1654 M) Yellow (480 M) LIH Starter Ext lit red(264M) LIH	Red	Nil	* RWY 08 starter extension edge LGT spacing 53 M
26	SALS Centerline barrettes 122 M LIM	Green LIM Wingbars	PAPI Left/ 30	Nil	Nil	2398 m *60 M white (1649 M) Yellow (625 M) LIH Starter Ext lit red (124 M) LIH	Red	Nil	Nil

MWCR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: ATC Tower, FLG W G EV 2 SEC/IBN: Nil 1200 – 0200 UTC
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: RWY 08; 191731.1184N 0812154.3090W 300 M from THR 08 Lit RWY 29; 191735.8618N 0812106.0217W 310 M from THR 26 Lit
3	TWY edge and center line lighting	Edge: All TWY Center line: TWY E and F
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at AD. Switch-over time: 15 SEC
5	Remarks	Obstacle lighting. Apron floodlighting stands 1 – 14. Illuminated wind direction indicators.

MWCR AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	Nil
2	TLOF and/or FATO elevation M/FT	Nil
3	TLOF and FATO area dimensions, surface, strength, marking	Nil
4	True and MAG BRG of FATO	Nil
5	Declared distance available	Nil
6	APP and FATO lighting	Nil
7	Remarks	Nil

MWCR 2.17 ATS AIRSPACE

1.	Designated and lateral limits	OWEN ROBERTS CTR A circle, radius 10 NM centered at 191734.00N 0812127.97W
2.	Vertical limits	SFC to 1500 MSL
3.	Airspace classification	D
4.	ATS unit call sign Language (s)	Owen Roberts Tower English
6.	Remarks	Nil

MWCR AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service Designation</i>	<i>Call sign</i>	<i>Frequency</i>	<i>Hours Operations</i>	<i>Remarks</i>
1.	2.	3.	4.	5.
APP	Cayman Approach	120.200MHz 121.500MHz	1200-0200 UTC	Primary Frequency Emergency Frequency
TWR	Owen Roberts Tower	118.00 MHz 121.900MHz	1200- 0200 UTC	Primary Frequency Secondary Frequency
ATIS		132.350MHz	1200-0200 UTC	Primary Frequency

MWCR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

<i>Type of aid</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Site of Transmitting Antenna Coordinates</i>	<i>Elevation of DME transmitting Antenna</i>	<i>Remarks</i>
1	2	3	4	5	6	7
VOR/DME 5° 20'W (2021)	GCM	115.600 MHz	H24	191721.7803N 812219.3659W	7.21 M/23.65 FT	Red obstacle lighting

MWCR AD 2.20 LOCAL TRAFFIC REGULATIONS**1. Airport regulations**

1.1 At Owen Roberts Airport local regulations are in accordance with the Civil Aviation, Air Navigation (Overseas Territories) Order 2013 (as amended); ICAO Annexes 2 and 11 to the Convention on International Civil Aviation and to those portions of the procedures for Air Navigation Services – Rules of the Air and Air Traffic Services, applicable to aircraft, and the Regional Supplementary Procedures applicable to the CAR Region.

Information on how to obtain Local Regulations may be requested from the following address:

Director of Civil Aviation
205 Owen Roberts Drive
P.O. Box 10277
Grand Cayman KY1-1003
GRAND CAYMAN

TEL: 345 949 7811

FAX: 345 949 0761

EMAIL: richard.smith@caacayman.com

Website: www.caacayman.com

2. Taxing to and from stands

2.1 After landing, ATC will instruct arriving aircraft to taxi to parking. A stand number will be allocated by the TWR or a handling agent providing a marshalling service. General aviation aircraft will have to use the designated general aviation parking area, unless otherwise instructed by ATC.

2.2 ATC will issue a taxi clearance from the parking area to an appropriate runway for departing traffic. Departing flights shall contact the TWR to obtain engine start clearance. Departing IFR flights shall contact the TWR to obtain ATC clearance before commencing taxing. Request for ATC clearance may take place at the earliest, 10 minutes prior to engine start-up.

3. Parking area for small aircraft (General aviation)

3.1 General aviation aircraft shall be guided by ATC to the parking area for small aircraft.

4. Parking area for helicopters

4.1 ATC will guide helicopters to an appropriate parking area.

5. Taxi, take-off and landing – limitations

5.1 Nil.

6. Training flights and technical test flights – use of runway

6.1 Training flights and such technical flights necessary for the purpose of ascertaining the airworthiness of an aircraft during flight, use of the runway system at the aerodrome is restricted as follows:

See also MWCR AD 2.21 – Noise Abatement Procedures

6.2 VFR training flights are NOT permitted at night.

7. Non-scheduled flight – limitations

7.1 Non-scheduled public air traffic wishing to operate outside the published airport operational hours, is permitted only after prior approval from the Aerodrome Administration. Any contact concerning the above shall be made via the handling company or directly to the Airport Office during the hours of service and, if possible, not later than the day before the flight is to be carried out.

7.2 Any request for approval of traffic shall contain the following information:

- a) Owner/operator
- b) Type of aircraft/helicopter, registration/call sign
- c) Date, arrival time/departure time, destination(s).

7.3 Furthermore, other details relevant to the evaluation of the request shall be given as required.

8. Removal of disabled aircraft from runway

8.1 When an aircraft is disabled on the runway, it is the duty of the owner or user of such aircraft to have it removed as soon as possible. If a disabled aircraft is not removed from the runway as quickly as possible by the owner or user, the aircraft will be removed by the aerodrome authority at the owner's or user's expense.

MWCR AD 2.21 NOISE ABATEMENT PROCEDURES**1. General provisions**

- 1.1 In case of special meteorological conditions such as CBs, significant wind variations, etc. in the approach and take-off sectors, the ATS can, at its discretion or on request from the pilot-in-command, deviate from the provisions below, if deemed necessary for safety reasons.
- 1.2 Deviations are permitted in connection with:
- a) Take-off and landing for vital flights, such as ambulance and transplantation flights, and the like.
 - b) Take-off and landing in connection with rescue operations.
 - c) Take-off and landing in connection with security control of the airport area.
 - d) Landing in such cases where the aircraft during flight has experienced reduced airworthiness, and the pilot-in-command judges it necessary to land.
 - e) Landing where the pilot-in-command declares an emergency situation.
 - f) Training flights conducting simulated force landings.

2. Restrictions

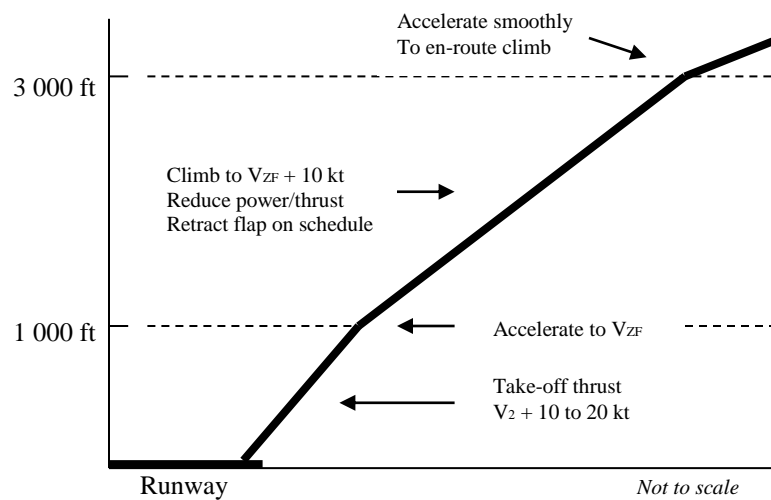
- 2.1 The restrictions below are for jet aircraft with low bypass ratio engines, irrespective of weight. Flights below 1500 FT, within 2000 FT of the coastline are prohibited, except for take-off and landing.
- 2.1.1 Landing restriction RWY 08**
- a) Turns to final shall not be made over George Town and aircraft shall be established on final approach course prior to crossing the coastline.
- 2.1.2 Take-off restrictions RWY 08**
- a) Take-off must be commenced from RWY 08, unless the prevailing winds dictate the use of RWY 26. Climb on runway heading until 3 000 ft before proceeding on course, between 0000 and 1200 UTC.
 - b) Take-off to 1 000 ft above aerodrome elevation (*Figure 1*):
 - take-off power/thrust
 - take-off flap
 - climb at $V_2 + 10$ to 20 kt
- At 1 000 ft:
- maintain a positive rate of climb, accelerate to zero flap minimum safe maneuvering speed (V_{ZF}) retracting flaps on schedule;
 - thereafter reduce thrust consistent with the following:

- 1) reduce power/thrust to below normal climb thrust but not less than that necessary to maintain the final take-off engine out climb gradient; and
 - thereafter, from 1 000 ft to 3 000 ft:
 - continue climb at not greater than $V_{ZF} + 10$ kt.

At 3 000 ft:

- accelerate smoothly to en-route climb speed.

Figure 1



1.1.1 Landing restriction RWY 26

Nil.

1.1.2 Take-off restriction RWY 26

- a) As in 2.1.2 b) above.

2. Training flights

- 2.1 Training flights operating in the aerodrome traffic circuit are required to make right hand circuits for RWY 08 and left hand circuits for RWY 26, unless otherwise instructed by ATC.

3. Reporting

(To be developed)

MWCR AD 2.22 FLIGHT PROCEDURES**1. General**

- 1.1 Unless special permission has been obtained from Cayman Approach or Owen Roberts Tower as appropriate, flight within the Cayman TMA or Owen Roberts CTR shall be in accordance with the Visual Flight Rules and Instrument Flight Rules of ICAO Annex 2.

2. Procedures for IFR flights within Cayman TMA

- 2.1 The inbound, transit and outbound routes shown on the charts may be varied at the discretion of ATS. If necessary, in case of congestion, inbound aircraft may also be instructed to hold at one of the designated airways, reporting points.

3. Speed Limitations

- 3.1 IFR and VFR aircraft operations in excess of 250 knots IAS, below 10 500 feet, is not permitted within the Cayman TMA and Owen Roberts CTR.

4. Communication failure

- 4.1 In the event of communication failure, the pilot shall act in accordance with the communication failure procedures listed below. For the Owen Roberts CTR, information concerning the associated navigation aids and the routing is given on page ENR 3.1-1 and 4.1-1

4.1.1 Air-ground

- a) When an aircraft fails to establish contact with Cayman Approach on 120.2 MHz or Owen Roberts tower on 118.0 MHz, it shall attempt to establish contact on another frequency appropriate to the route. If this attempt fails, the aircraft shall attempt to establish communication with other aircraft on 120.2 MHz or 118.0 MHz.
- b) If the above attempts fail the aircraft shall transmit its message twice to Cayman Approach on 120.2 MHz, preceded by the phrase "TRANSMITTING BLIND".

4.1.2 Receiver failure

- a) When an aircraft is unable to establish communication due to receiver failure, it shall transmit reports at the scheduled times, or positions, on 120.2 MHz, preceded by the phrase "TRANSMITTING BLIND DUE TO RECEIVER FAILURE". The aircraft shall transmit the intended message, following this by a complete repetition. During this procedure, the aircraft shall also advise the time of its next intended transmission.
- b) In addition to complying with 4.1.2 a), aircraft shall transmit information regarding the intention of the pilot-in-command with respect to the continuation of the flight of the aircraft.
- c) When an aircraft is unable to establish communication due to airborne equipment failure it shall, when so equipped, select SSR code 7600 to indicate radio failure.

4.1.3 Ground-to-air

-
- a) When Cayman Approach or Owen Roberts tower is unable to establish contact with an aircraft on 120.2 MHz or 118.0 MHz, as appropriate, it shall request Brac tower to render assistance by calling the aircraft and relaying traffic, if necessary;
 - b) request aircraft on the route to attempt to establish communication with the aircraft and relay traffic, if necessary.
- 4.1 In addition, the aircraft, when forming part of the aerodrome traffic, shall keep a watch for such instructions as may be issued by visual signals.
- 4.1.1 If in visual meteorological conditions, the aircraft shall:
- a) continue to fly in visual meteorological conditions; and
 - b) land.
- 4.1.2 If in instrument meteorological conditions or when conditions are such that it does not appear feasible to complete the flight in accordance with 4.2.1, the aircraft shall:
- a) maintain the last assigned speed and level for a period of 20 minutes following the aircraft's failure to report its position over a compulsory reporting point and thereafter adjust level and speed in accordance with the filed flight plan;
 - b) proceed according to the current flight plan route to the appropriate designated navigation aid serving the destination aerodrome and, when required to ensure compliance with c) below, hold over this aid until commencement of descent;
 - c) commence descent from the navigation aid specified in b) at, or as close as possible to, the expected approach time last received and acknowledged; or, if no expected approach time has been received and acknowledged, at, or as close as possible to, the estimated time of arrival resulting from the current flight plan;
 - d) complete a normal instrument approach procedure as specified for the designated navigation aid; and
 - e) land if possible, within thirty minutes after the estimated time of arrival specified in c) or the last acknowledged expected approach time, whichever is later.

5. Procedures for VFR flights within the Cayman Islands TMA

- 5.1 Provided traffic conditions so permit, ATC clearance for VFR flights will be given under conditions described below:
- a) A flight plan requesting ATC clearance, containing items 7 to 18 and indicating the purpose of the flight, shall be submitted.
 - b) ATC clearance shall be obtained immediately before entering the area concerned.
 - c) Position reports shall be submitted in accordance with 3.6.3 of ICAO Annex 2.
 - d) Deviation from the ATC clearance may only be made when prior permission has been obtained.

- e) The flight shall be conducted with vertical visual reference to the ground unless the flight can be conducted in accordance with the Instrument Flight Rules.
- f) Two-way radio communication shall be maintained on the frequency prescribed. Information about the appropriate frequency is on page AD 2-32.

Note. - ATC clearance is intended only to provide separation between IFR AND VFR flights.

Procedures for VFR flights within Owen Roberts CTR

- a) A flight plan shall be filed for the flight concerned.
- b) ATC clearance shall be obtained from the Control Tower.
- c) Deviation from ATC clearance may only be made when prior permission has been obtained.
- d) The flight shall be conducted with vertical visual reference to the ground.
- e) Two-way radio communication shall be established on the frequency prescribed before flight takes place in the Control Zone.

VFR routes within Owen Roberts CTR

Arrival and departure routes for VFR traffic are established as depicted on the Visual Approach Chart.

MWCRAD 2.23 ADDITIONAL INFORMATION**1. Bird concentration in the vicinity of the airport**

1.1 Intense activity of flocks of Cattle Egret takes place daily, primarily along the north and south shoulders of RWY 08 and 26.

1.2 As far as practicable, Aerodrome Control will inform pilots of this bird activity by broadcasting a bird activity warning on the ATIS.

1.3 Pilots of aircraft are advised, where the design limitations of aircraft installations permit, to operate landing lights in flight, within the terminal area and during take-off, approach-to-land and climb and descent procedures.

1.4 Dispersal methods include the use of air canons and culling during intense activity. Modifications of the environment are under way to reduce, if not eliminate, the hazard. These measures include enhanced drainage and the reduction or the elimination of ground cover.

2. Reporting of bird strike**2.1 General**

2.1.1 To order to accurately assess and mitigate the bird strike threat Civil Aviation Authority requires comprehensive statistics of bird strike events. All pilots on flying within the Owen Roberts CTR are therefore requested to report to the Civil Aviation Authority all cases of bird strike or incidents where a risk of a bird strike has occurred. In the event of a confirmed bird strike where there is no damage to the aircraft a report should be made to the Aerodrome Control or the CIAA Safety Office.

2.2 Reporting

2.2.1 To facilitate the reporting of incidents, a Bird Strike Reporting Form is available from the following link: <https://www.caacayman.com/wp-content/uploads/forms/Occurrence%20Report%20Form%20for%20Bird%20Strikes.pdf>. In connection with incidents on or near an aerodrome, pilots are requested to collect the bird, or much of the remnants as possible, and call 345-244-5835 for assistance. In the event of a bird strike, pilots are requested to file a report and forward it to:

Director of Air Navigation Services
205 Owen Roberts Drive
P.O. Box 10277
Grand Cayman KY1-1003
CAYMAN ISLANDS

TEL: 345 949 7811
FAX: 345 949 0761
Email: mor@caacayman.com
Website: www.caacayman.com

2.2.2 Any supplementary information on the circumstances under which the incident took place should be included.

MWCR AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart	MWCR AD 2-42
Aircraft Parking / Docking Chart	MWCR AD 2-43
Aerodrome Obstacle Chart – ICAO Type A (for each runway)	MWCR AD 2-44
Standard Departure Charts- (RWY08)	
EAST END TWO & KANEX TWO	MWCR AD 2-45
MAMBI TWO & NALRO TWO	MWCR AD 2-46
RED BAY TWO & RIKEL TWO	MWCR AD 2-47
STING RAY TWO & TEXAM TWO	MWCR AD 2-48
TURTUGA TWO & ULISA TWO	MWCR AD 2- 49
Standard Departure Charts (RWY26)	
KANEX TWO & MAMBI TWO	MWCR AD 2-50
NALRO TWO & SEAVIEW TWO	MWCR AD 2-51
TEXAM TWO & ULISA TWO	MWCR AD 2-52
ATUVI ONE	MWCR AD 2-53
Standard Arrival Charts	
GORAN THREE	MWCR AD 2-54
GUBEL THREE	MWCR AD 2-55
VOR/DME Instrument Approach Chart-(RWY 08)	MWCR AD 2-56
VOR Instrument Approach Chart-(RWY 08)	MWCR AD 2-57
VOR/DME Instrument Approach Chart-(RWY 26)	MWCR AD 2-58
VOR Instrument Approach Chart-(RWY 26)	MWCR AD 2-59
Visual Approach Charts NORTH SIDE VISUAL APPROACH – (RWY 08) SOUTH SIDE VISUAL APPROACH – (RWY 08)	MWCR AD 2-60
RNAV (GNSS) Instrument Approach Chart – (RWY 08)	MWCR AD 2-61
RNAV (GNSS) Instrument Approach Chart-(RWY 26)	MWCR AD 2-62

AERODROME
CHART - ICAO

ARP 191734.00N 0812127.97W

AD ELEVATION 9.5FT

OWEN ROBERTS INT'L- MWCR
Grand Cayman, Cayman Islands

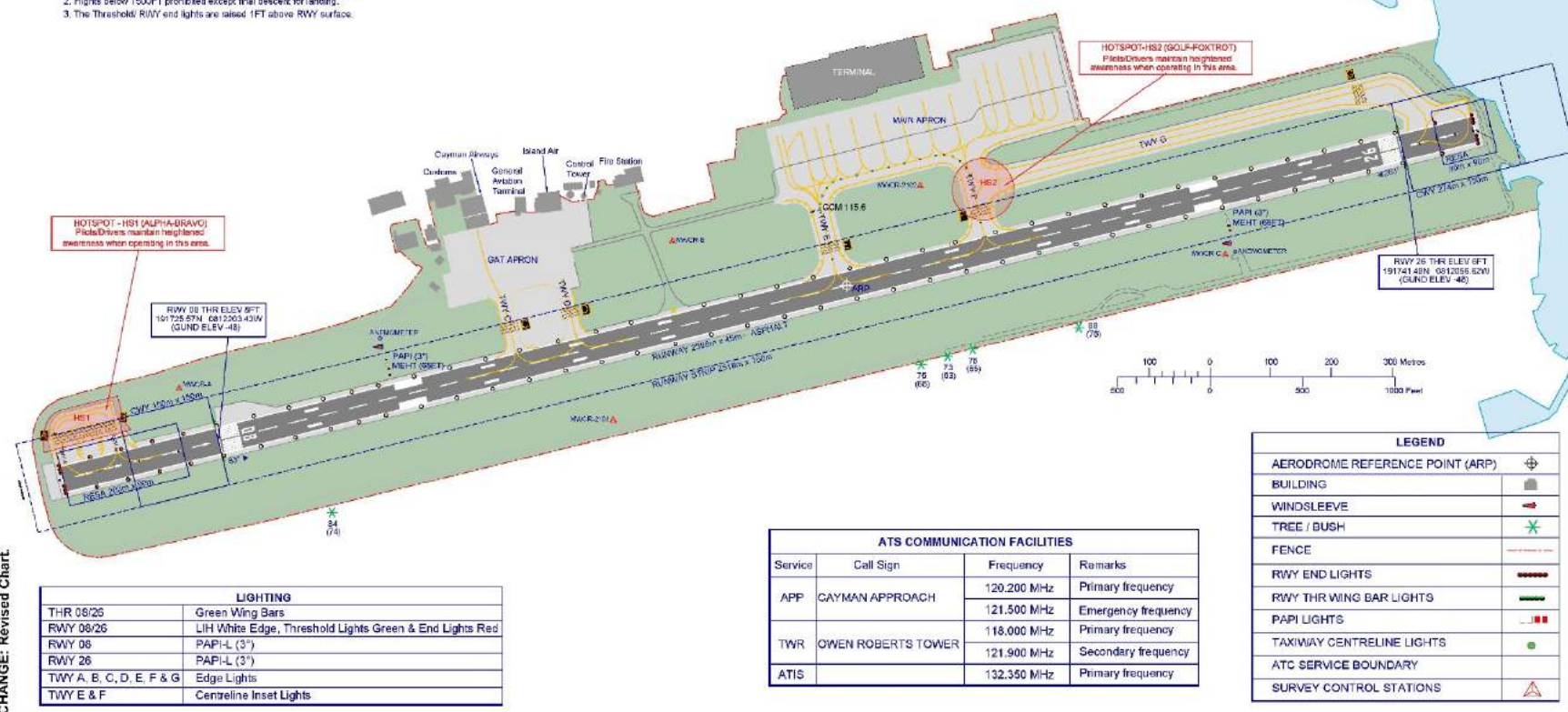
GUND (Geoid Undulation) = -48FT The height of the Geoid (MSL) above the Reference Ellipsoid (WGS84) at the stated position	
BEARINGS ARE MAGNETIC ELEVATIONS AND HEIGHTS ARE IN FEET	
ELEVATIONS IN FEET AMSL	192 (68)
HEIGHTS IN FEET ABOVE AD	(68)

APRON/RWY	SURFACE	BEARING STRENGTH
RWY 08/26	Asphalt Grooved	84/F/D/X/T
MAIN APRON	Asphalt and Concrete	Stands 1-8, 43/F/B/W/T
MAIN APRON	Asphalt and Concrete	Stands 9-14, 67/R/B/W/T
TAXIWAY A	Asphalt	111/F/D/X/T
TAXIWAY B	Asphalt	111/F/D/X/T
TAXIWAY C	Asphalt	85/F/A/W/T
TAXIWAY D	Asphalt	78/F/A/W/T
TAXIWAY E	Asphalt	30/F/A/W/T
TAXIWAY F	Asphalt	35/F/A/W/T
TAXIWAY G	Asphalt	111/F/D/X/T

DECLARED DISTANCES (metres)					
RWY	TORA	TODA	ASDA	LDA	THR Displacement
08	2275	2549	2275	2010	264.6
26	2134	2264	2134	2010	123.5

NOTES

1. Aircraft shall not make final turn over George Town for landing Rwy 08.
2. Flights below 1500FT prohibited except final descent for landing.
3. The Threshold RWY end lights are raised 1FT above RWY surface.

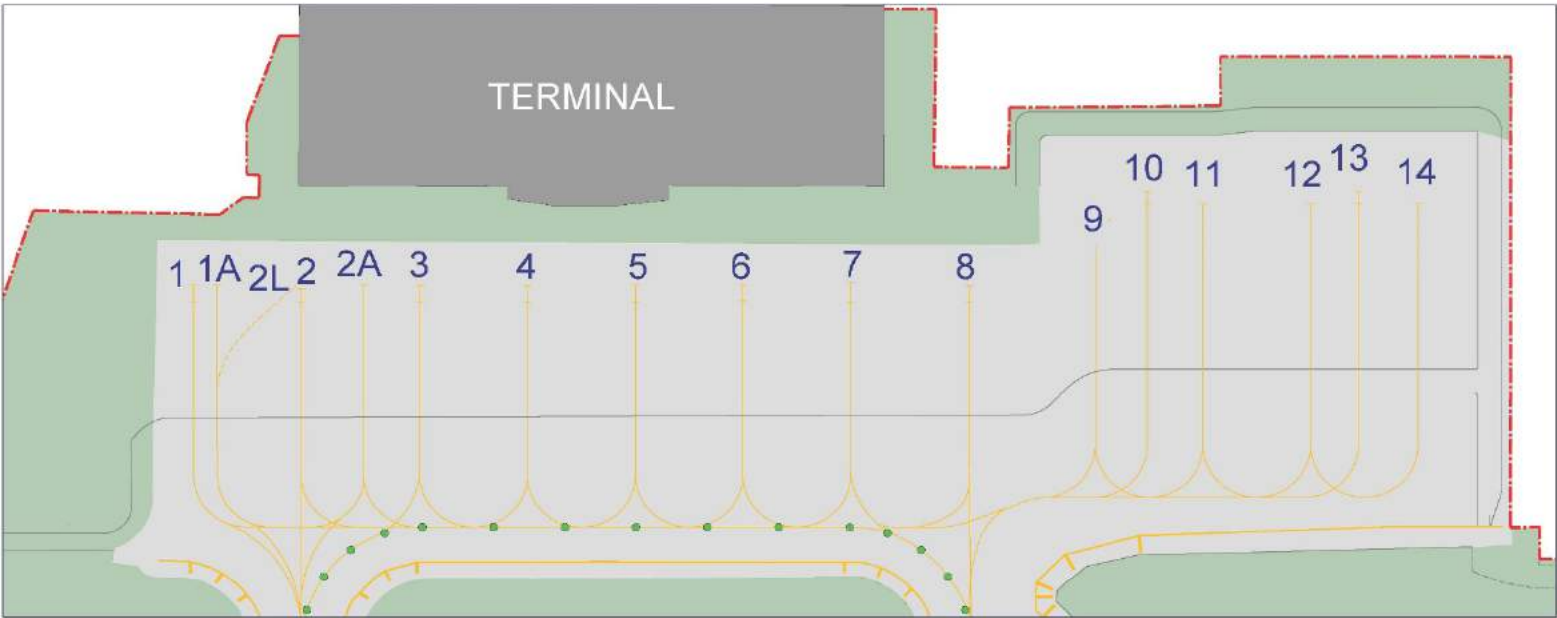


AIRCRAFT PARKING/ DOCKING
CHART - ICAO

ARP 191734.00N 0812127.97W

APRON ELEVATION 9.5FT

OWEN ROBERTS INT'L- MWCR
Grand Cayman, Cayman Islands



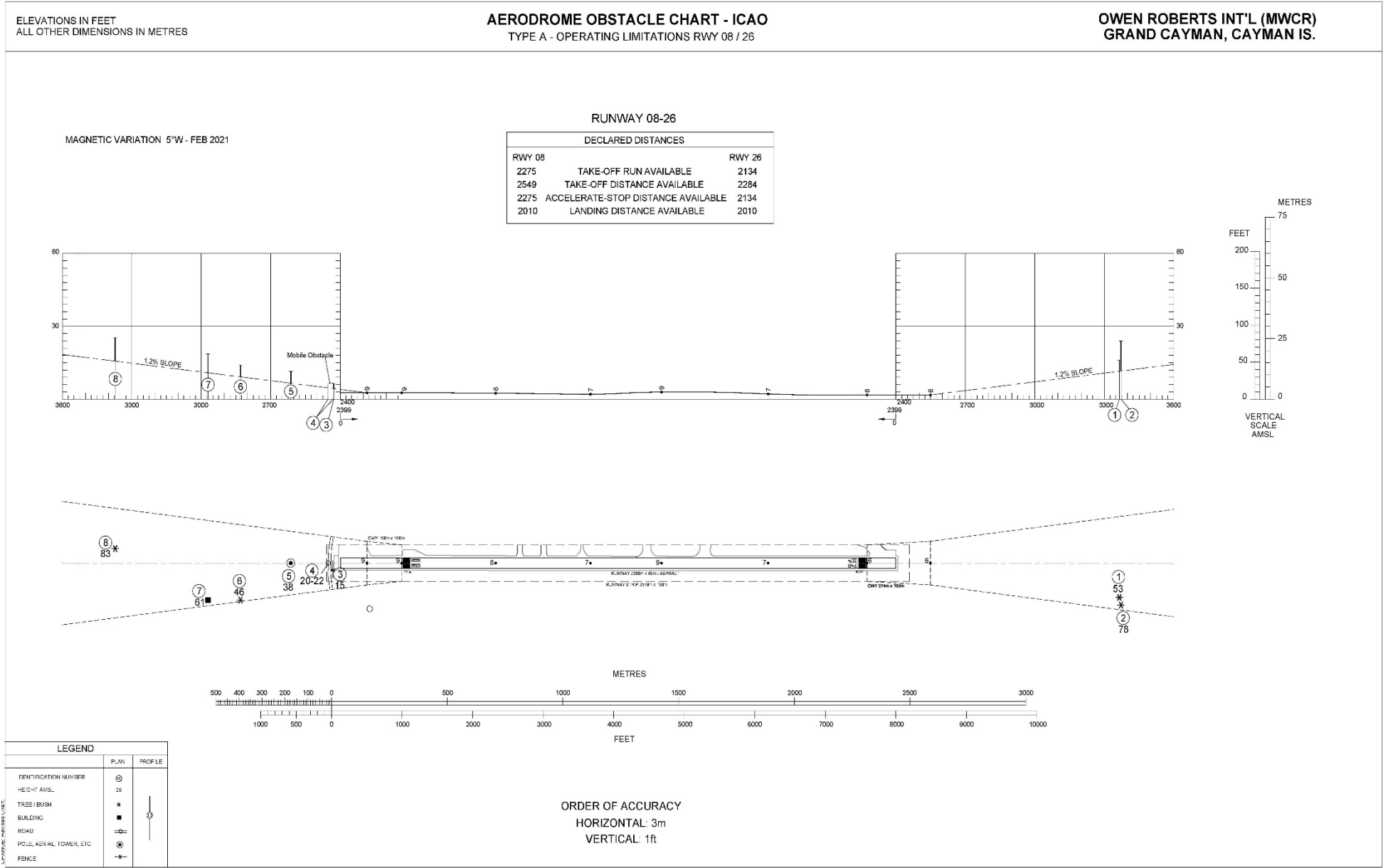
STAND	COORDINATES		Elevation AMSL(ft)
1	191741.75N	0812131.88W	7.90
1A	191742.02N	0812131.63W	8.12
2	191742.07N	0812130.53W	8.19
2A	191742.46N	0812129.80W	8.11
2L	191742.24N	0812130.64W	8.26
3	191742.43N	0812129.04W	7.86
4	191742.75N	0812127.70W	7.57
5	191743.07N	0812128.35W	7.35
6	191743.39N	0812125.00W	7.13
7	191743.70N	0812123.66W	6.99
8	191744.06N	0812122.17W	6.73
9	191745.11N	0812120.78W	6.18
10	191745.93N	0812120.30W	6.50
11	191745.94N	0812119.58W	6.45
12	191746.26N	0812118.22W	6.44
13	191746.56N	0812117.66W	6.55
14	191746.59N	0812116.67W	6.47

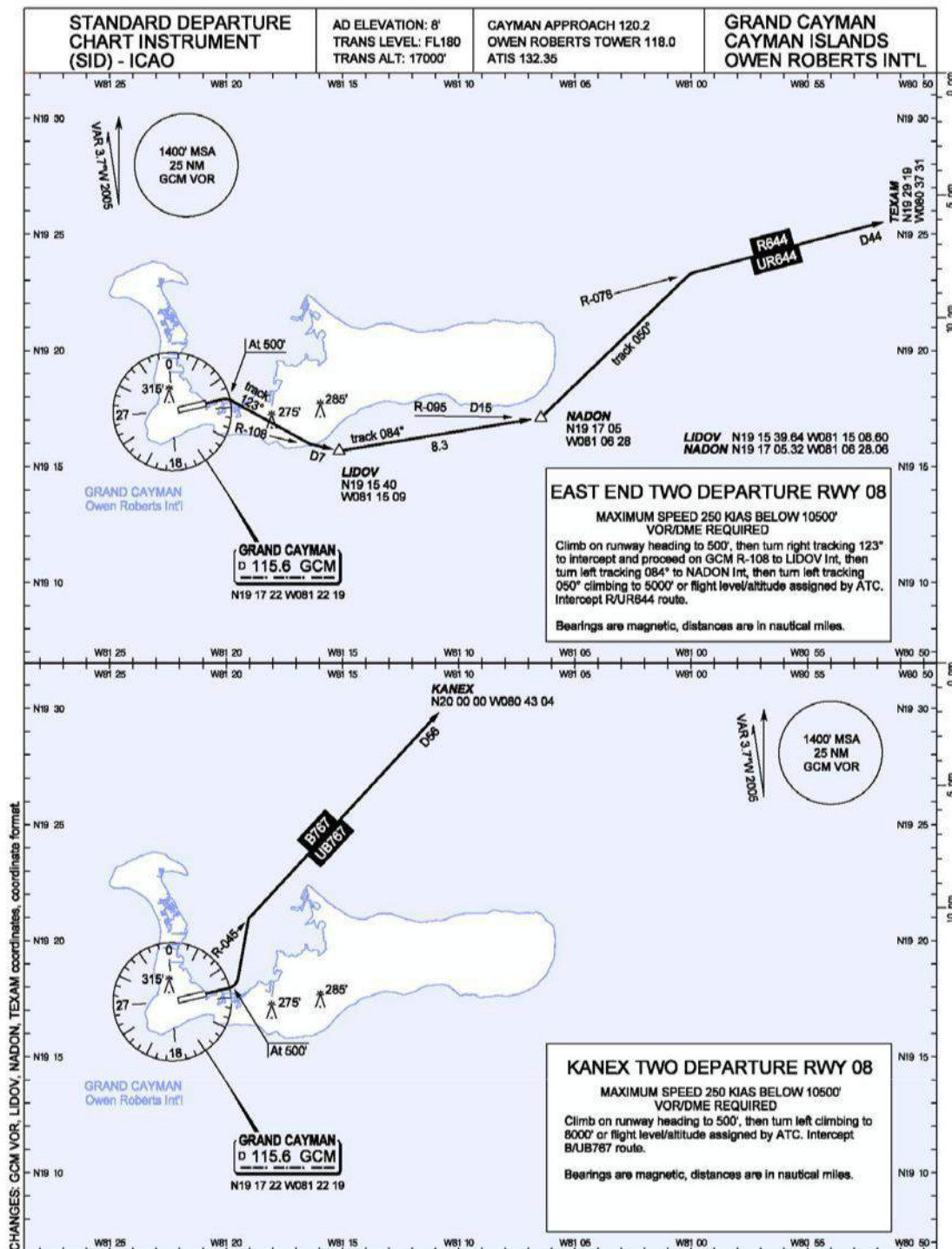
ATS COMMUNICATION FACILITIES			
Service	Call Sign	Frequency	Remarks
APP	CAYMAN APPROACH	120.200 MHz	Primary frequency
		121.500 MHz	Emergency frequency
TWR	OWEN ROBERTS TOWER	118.000 MHz	Primary frequency
		121.900 MHz	Secondary frequency
ATIS		132.350 MHz	Primary frequency

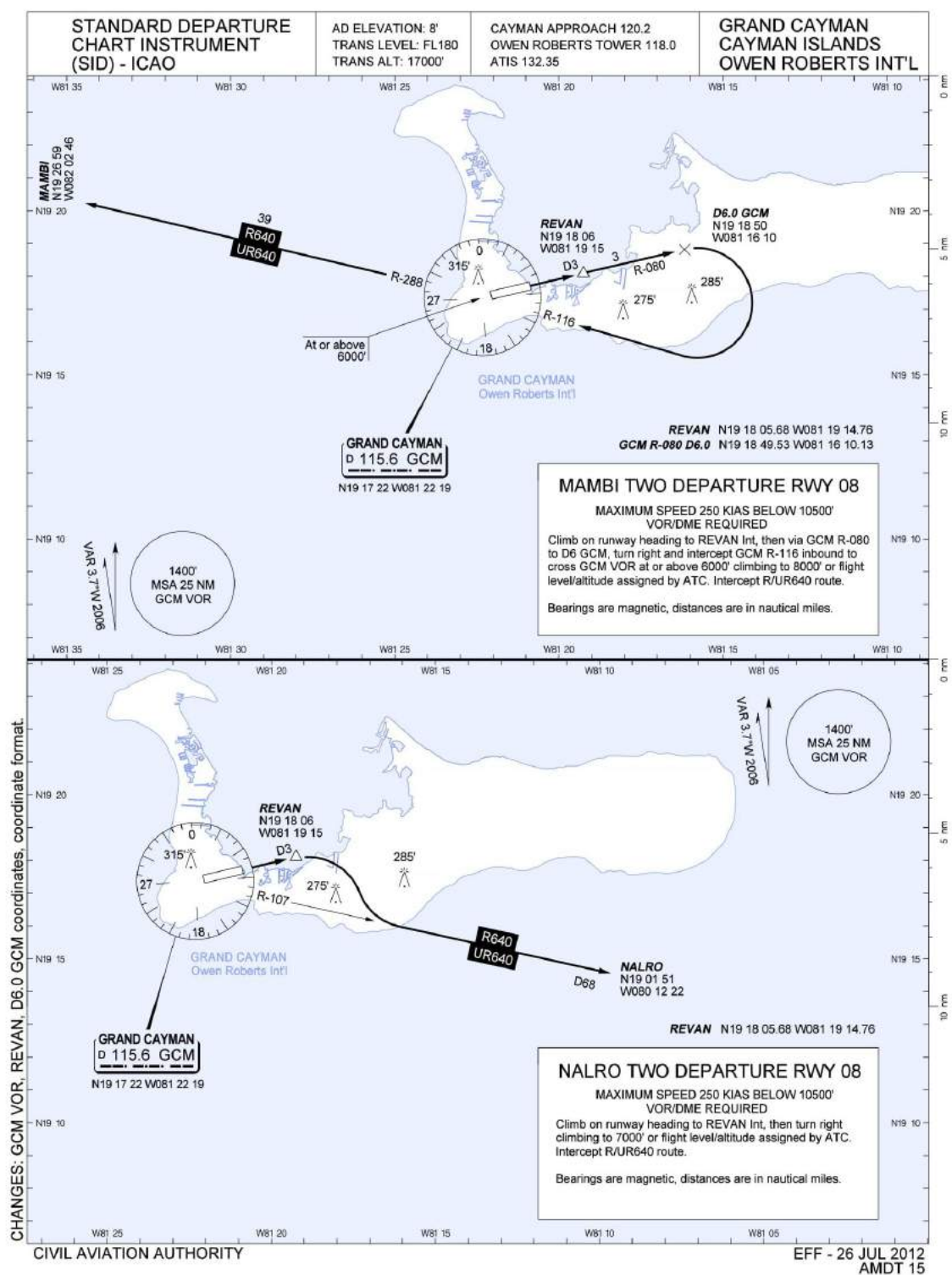
LEGEND	
ATC SERVICE BOUNDARY	

TAXIWAY/APRON PHYSICAL CHARACTERISTICS		
APRON/RWY	SURFACE	BEARING STRENGTH
MAIN APRON	Asphalt and Concrete	Stands 1-8, 43/F/B/W/T
MAIN APRON	Asphalt and Concrete	Stands 9-14, 67/R/B/W/T

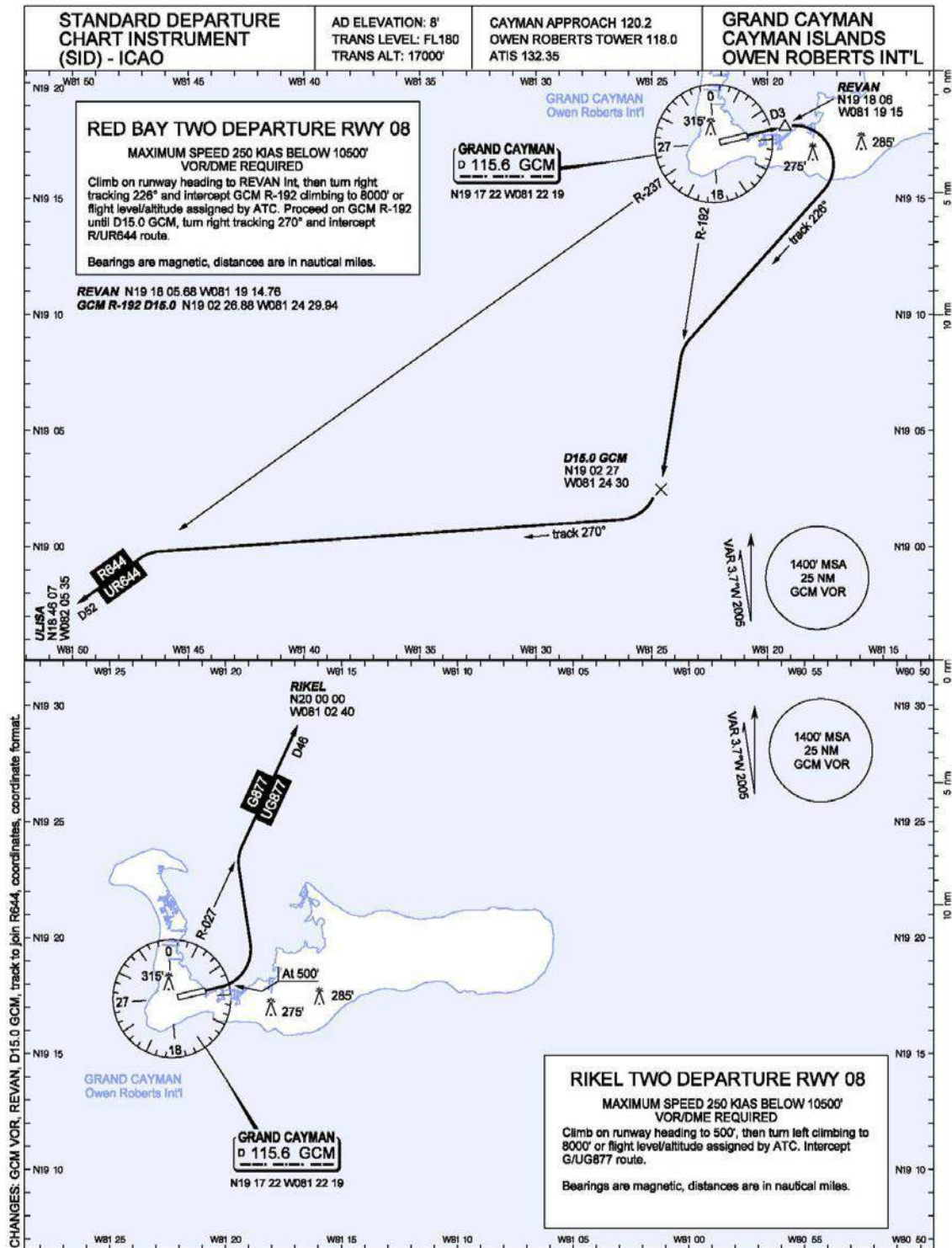
MWCR AD 2-44 AERODROME OBSTACLE CHART – ICAO (TYPE A)



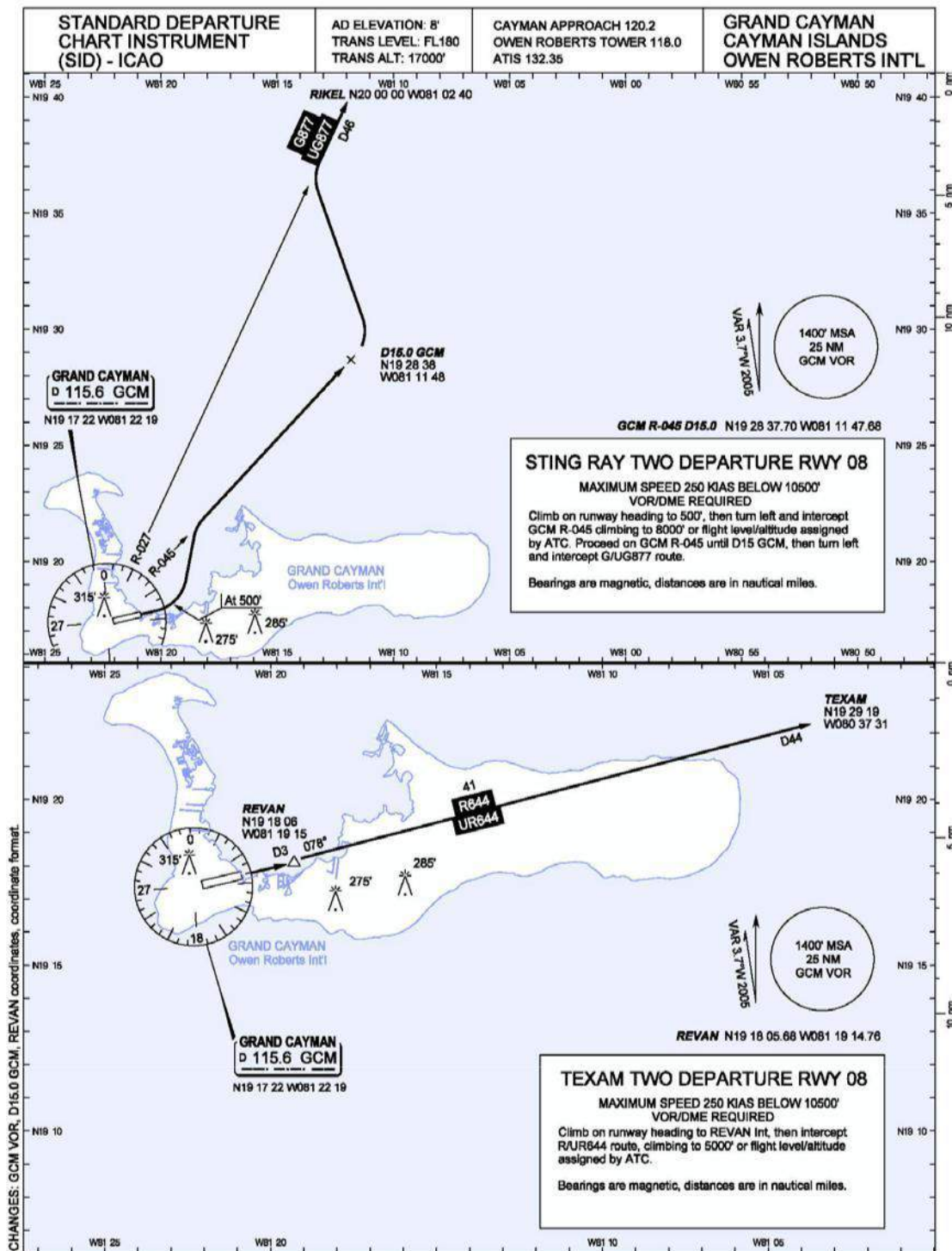




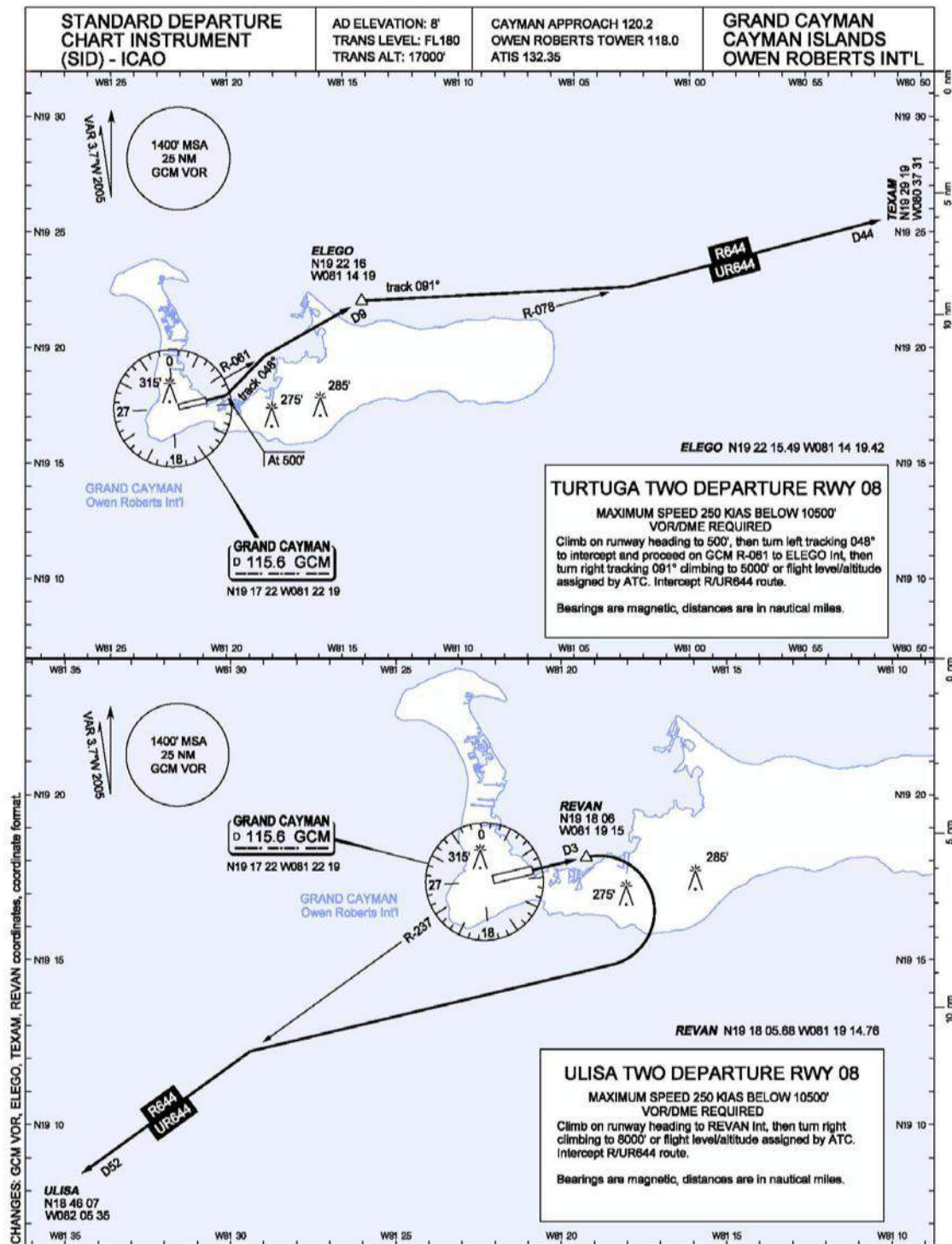
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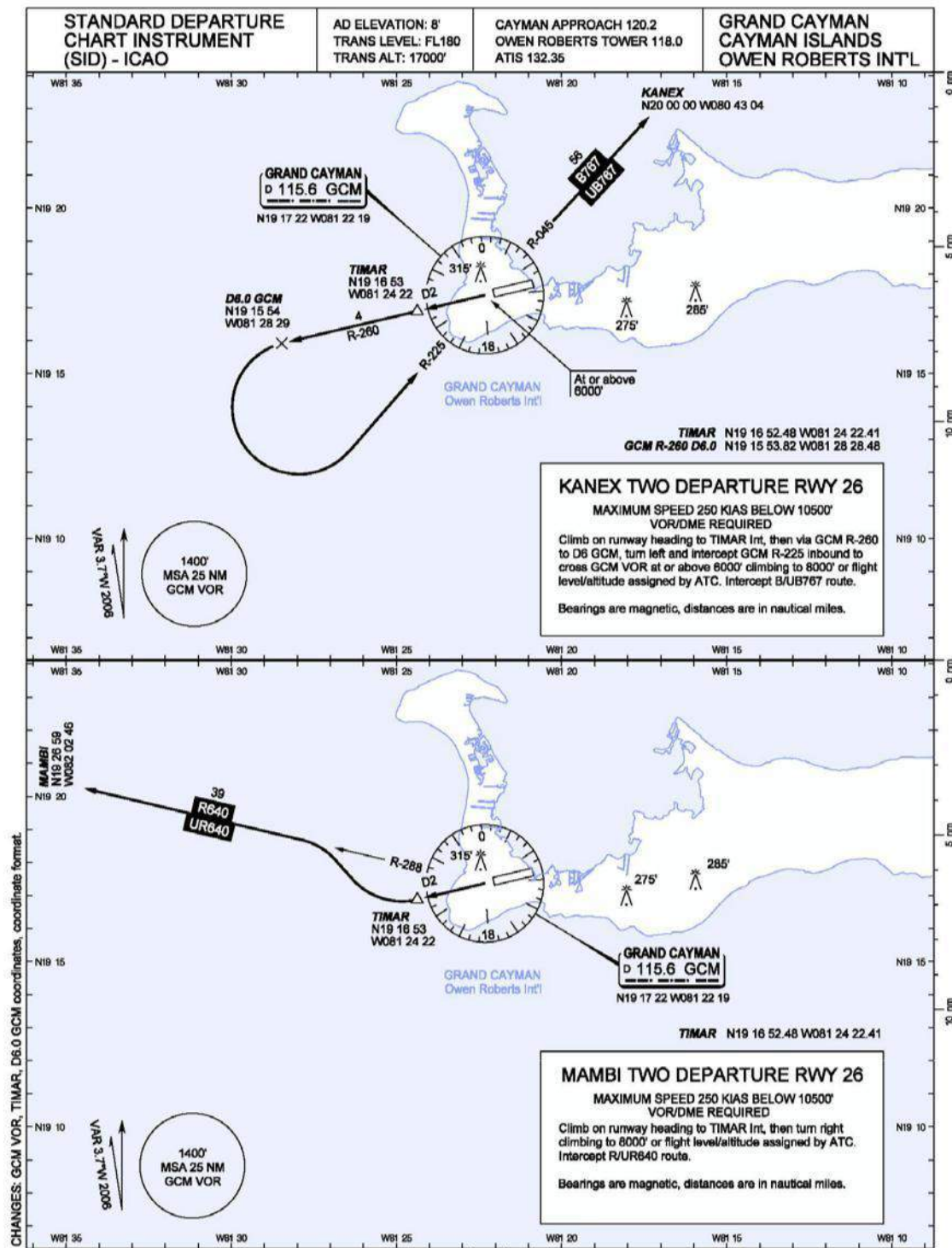
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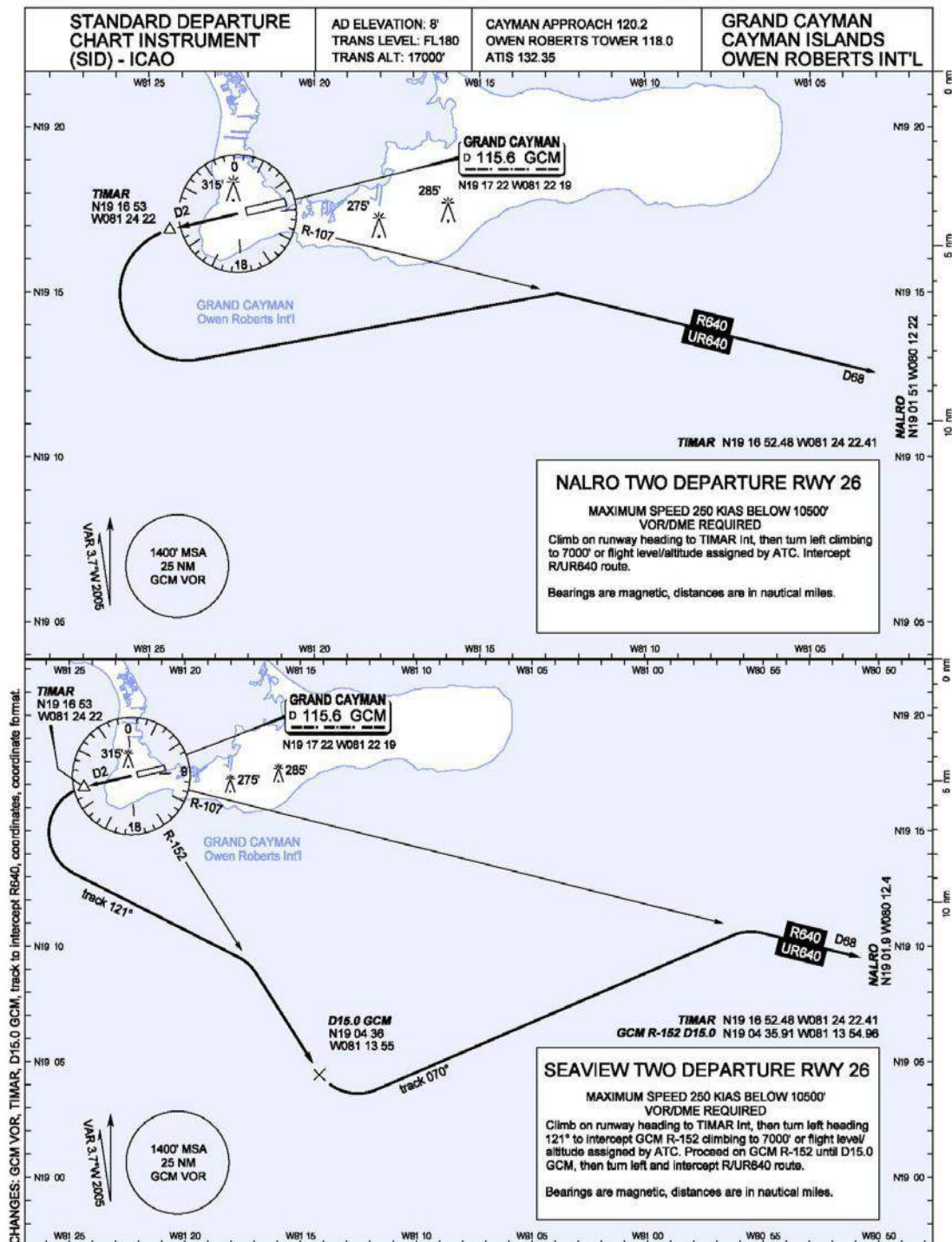
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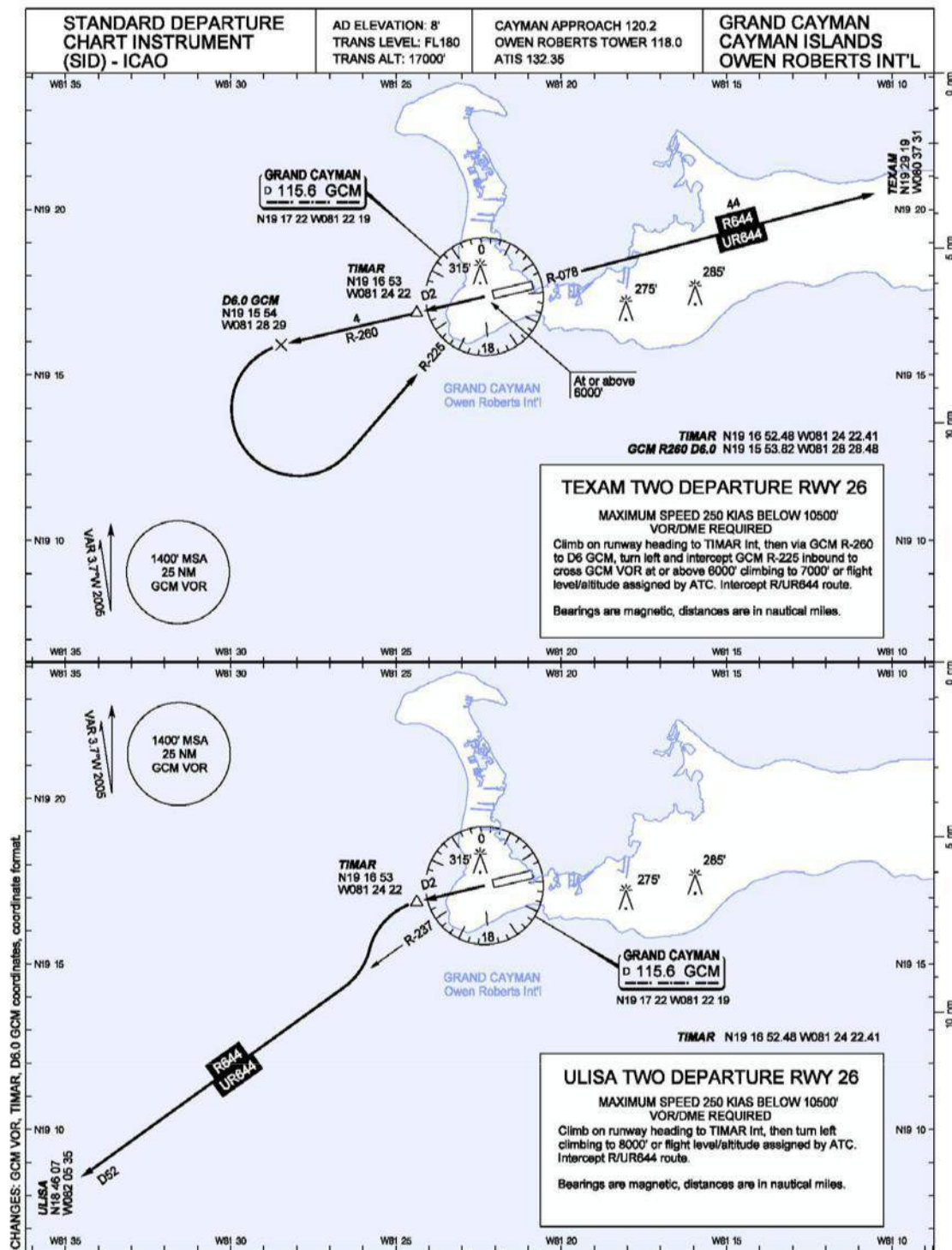
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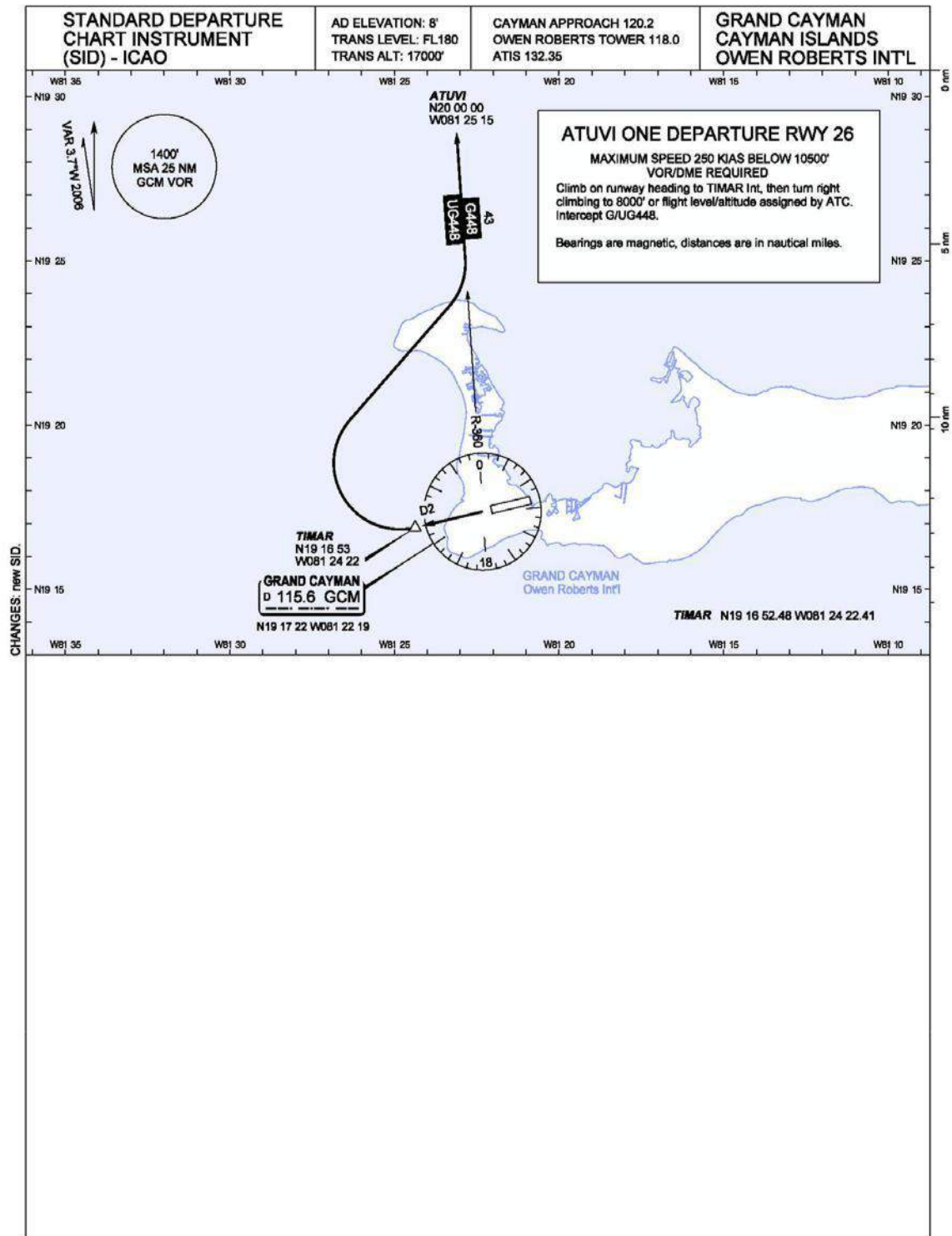
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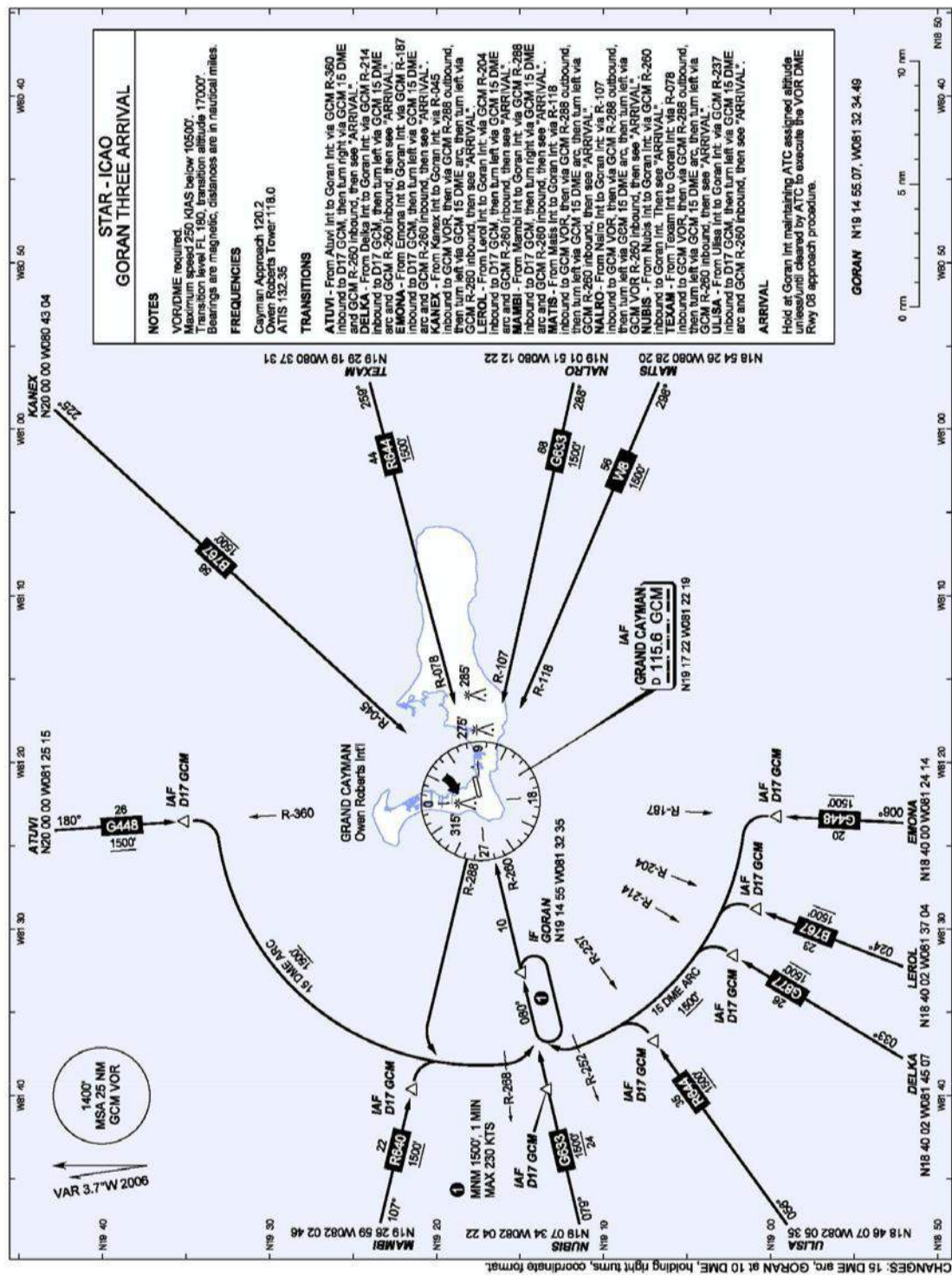
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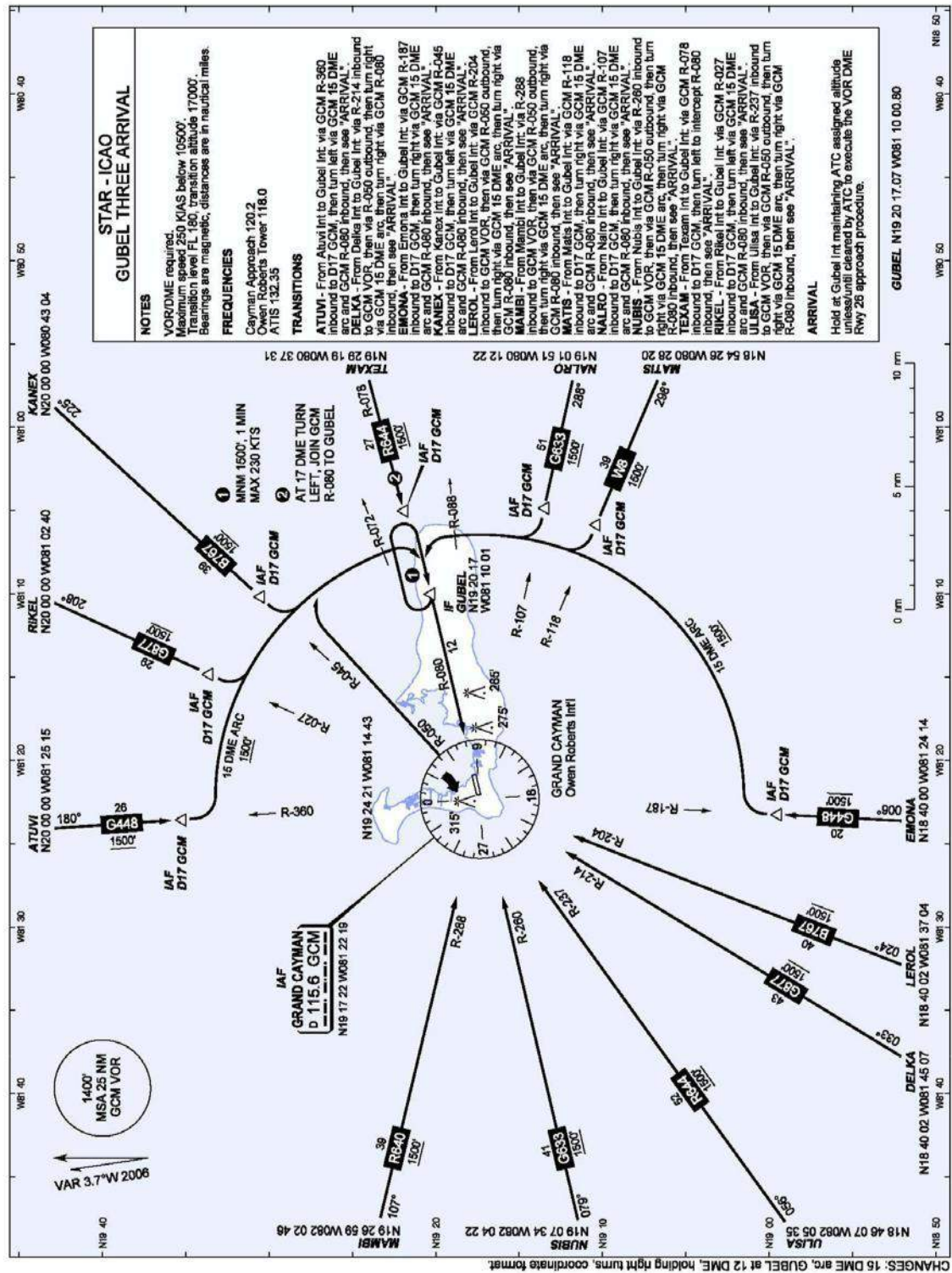
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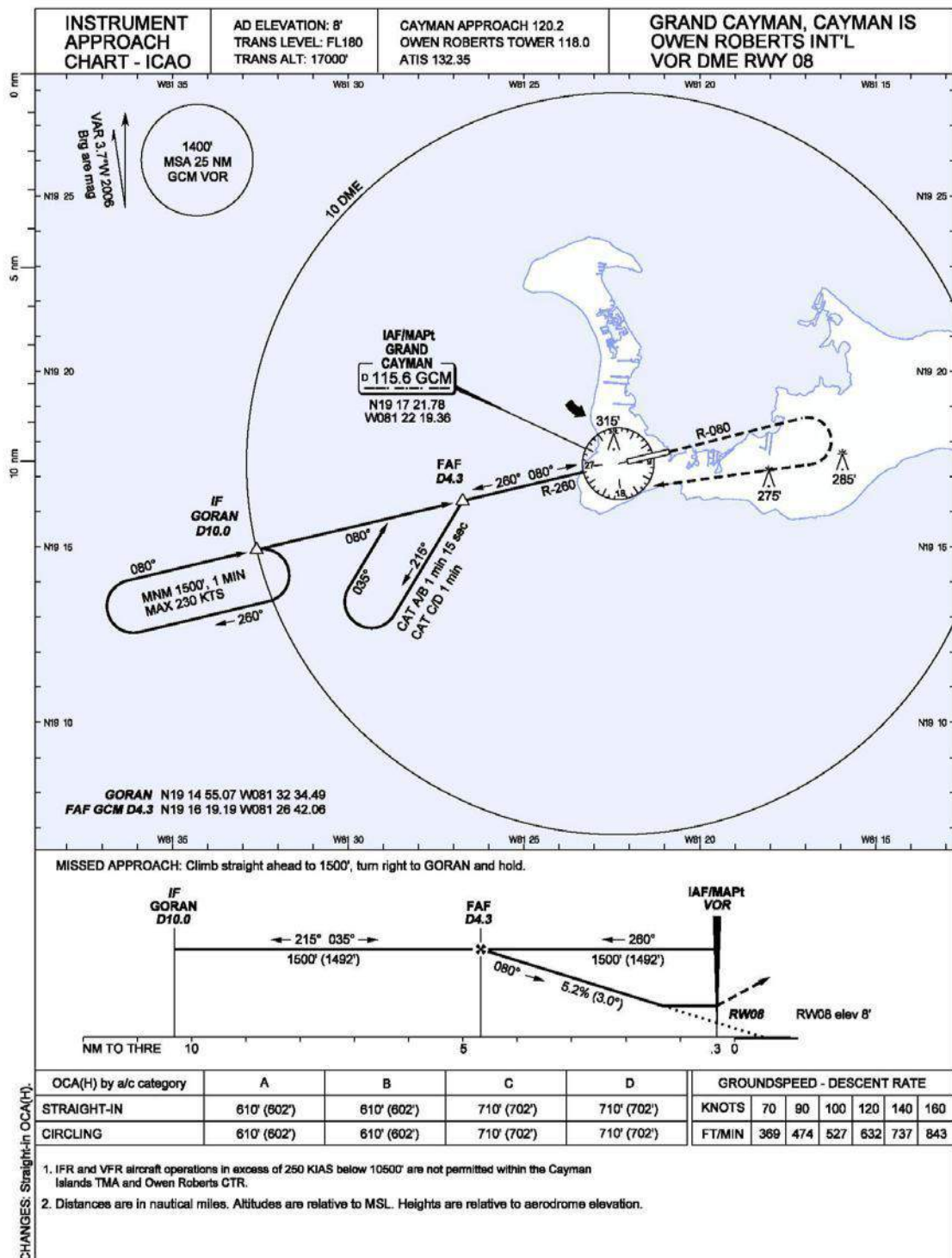
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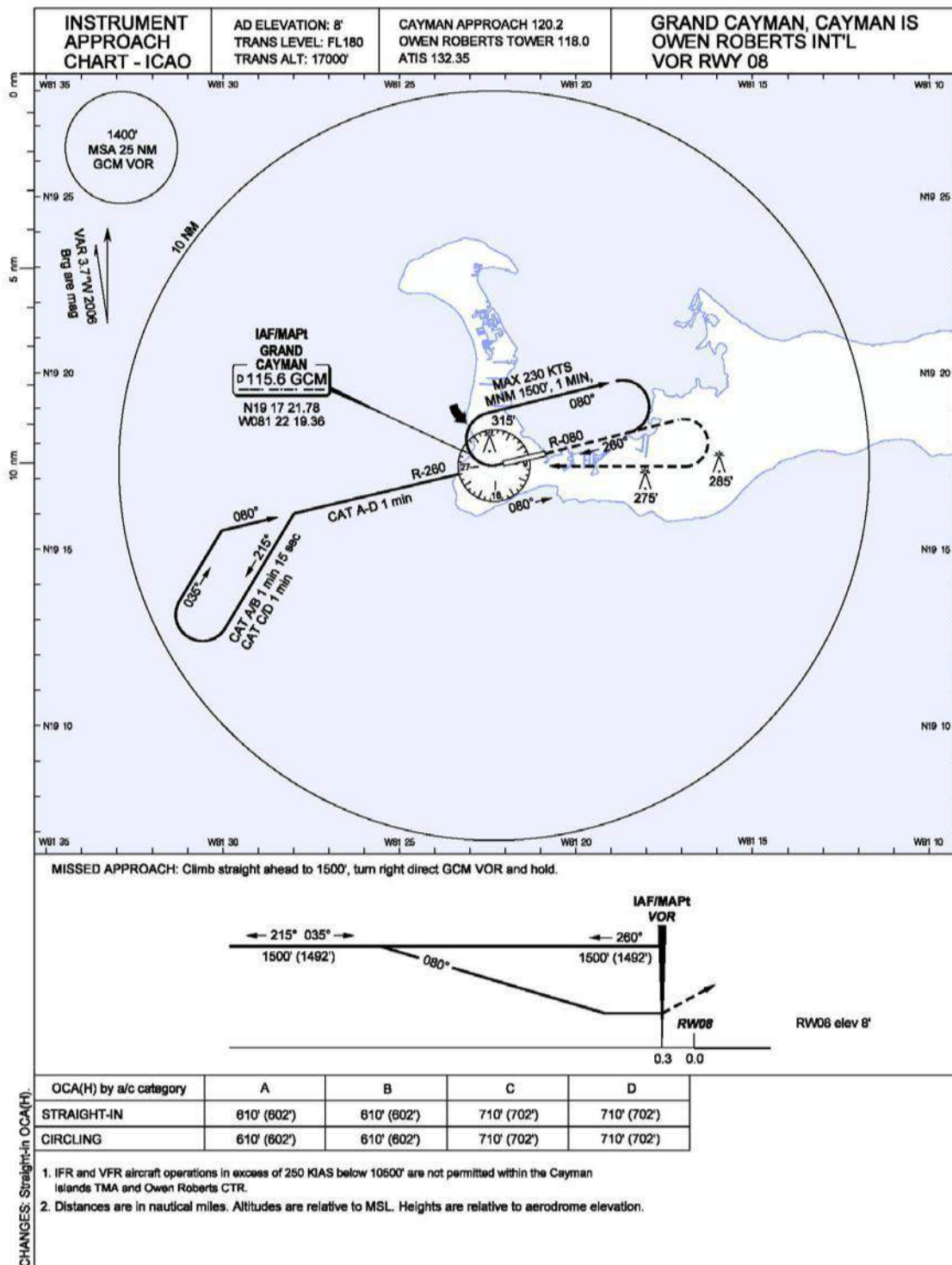
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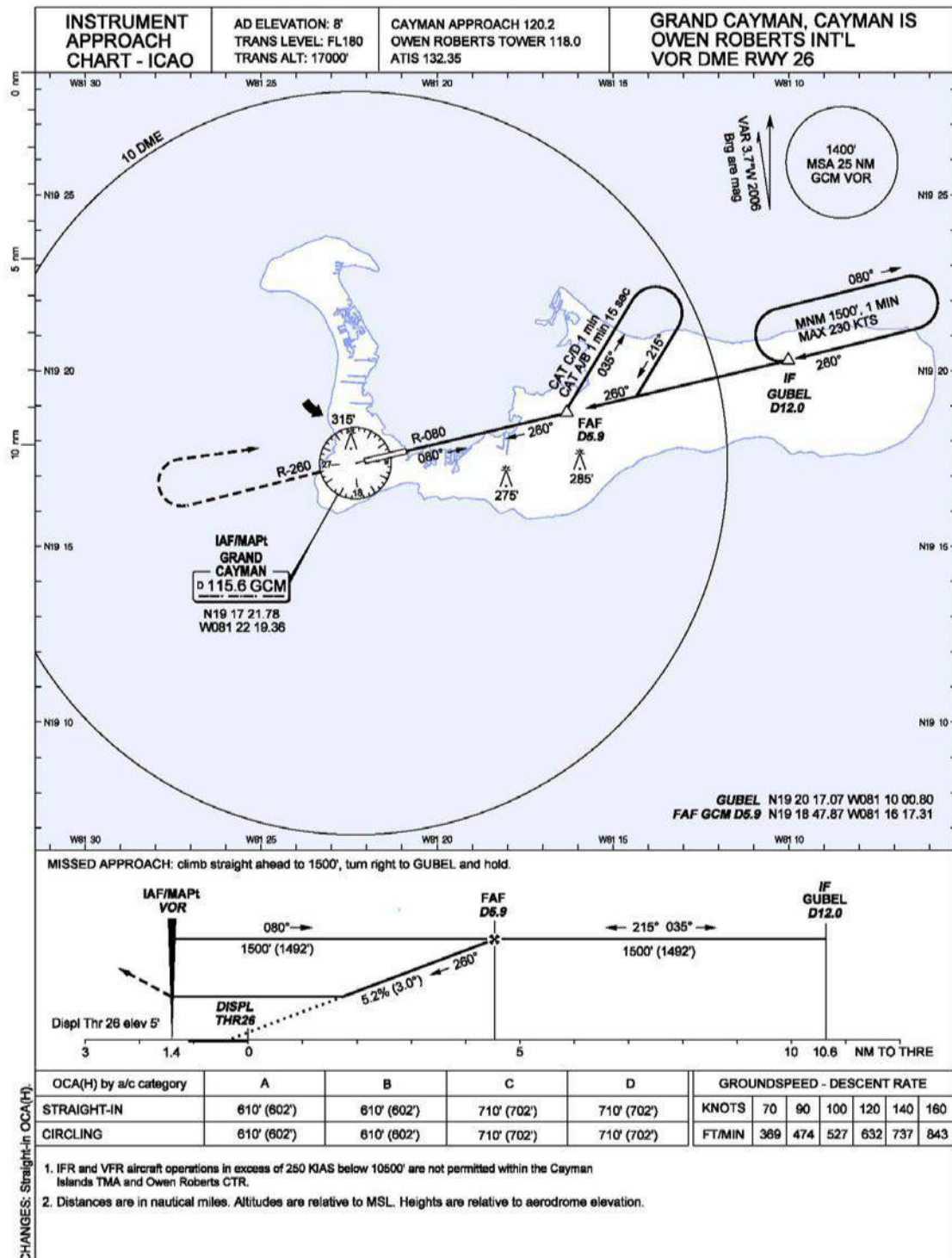
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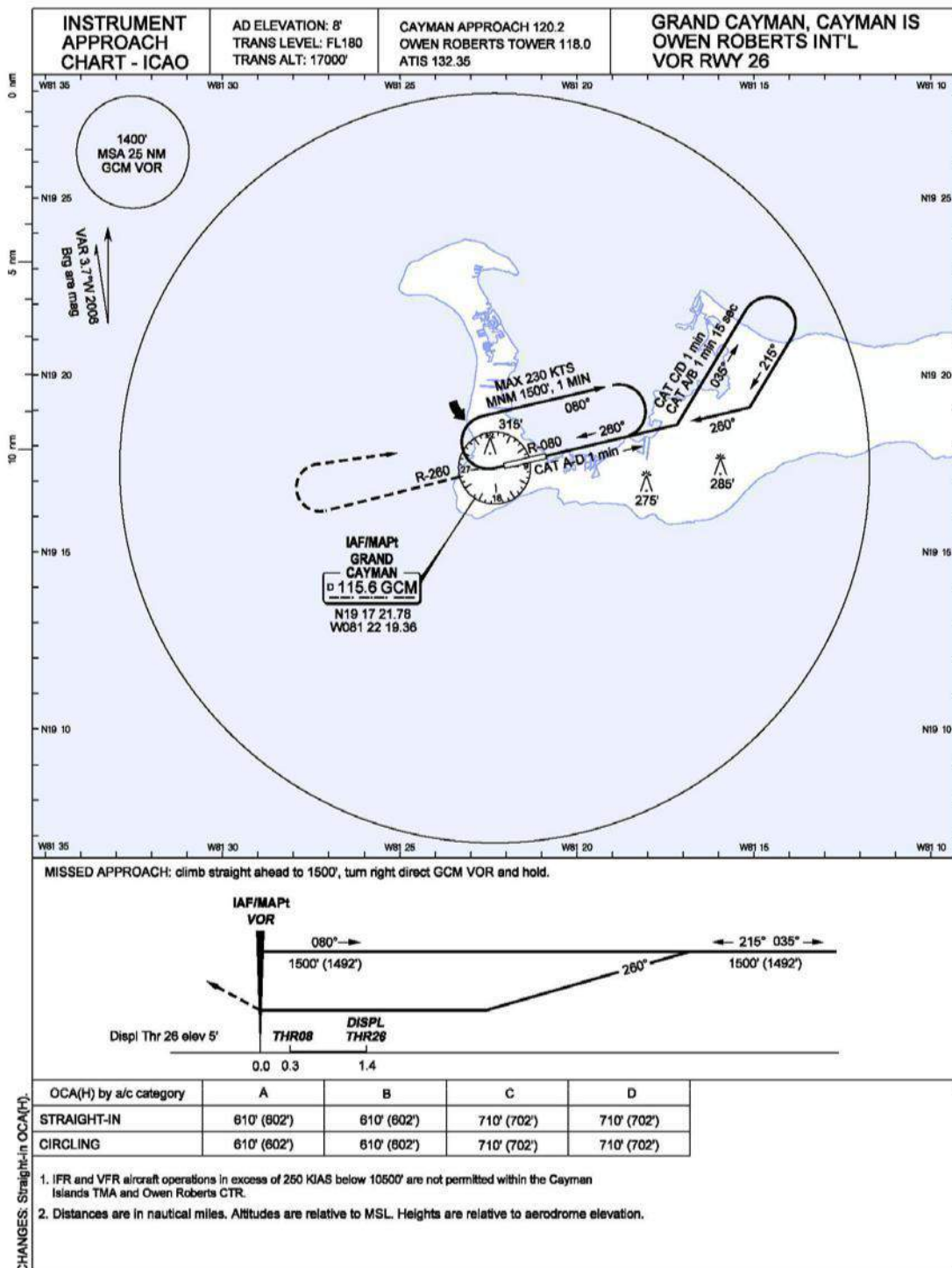
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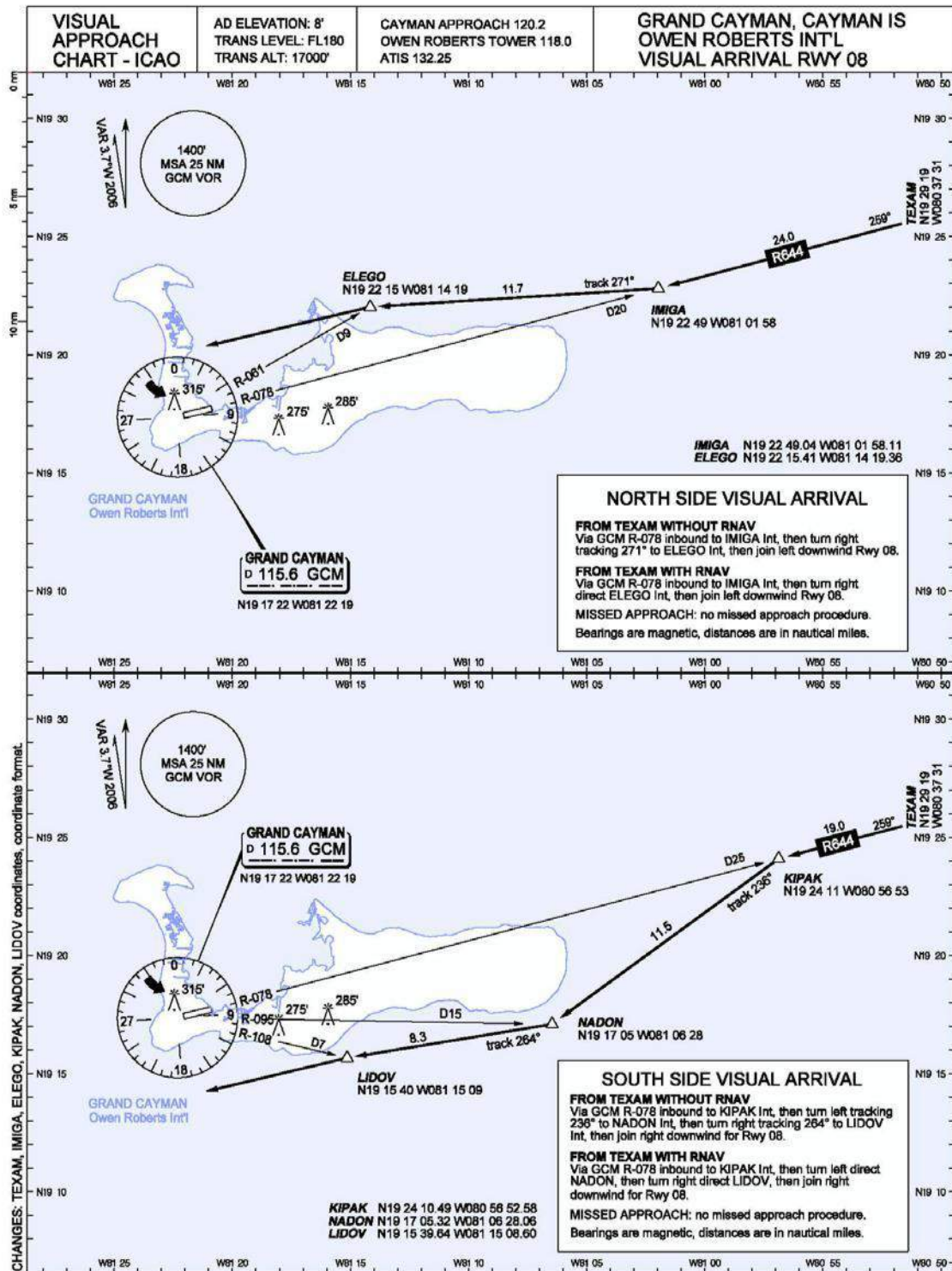


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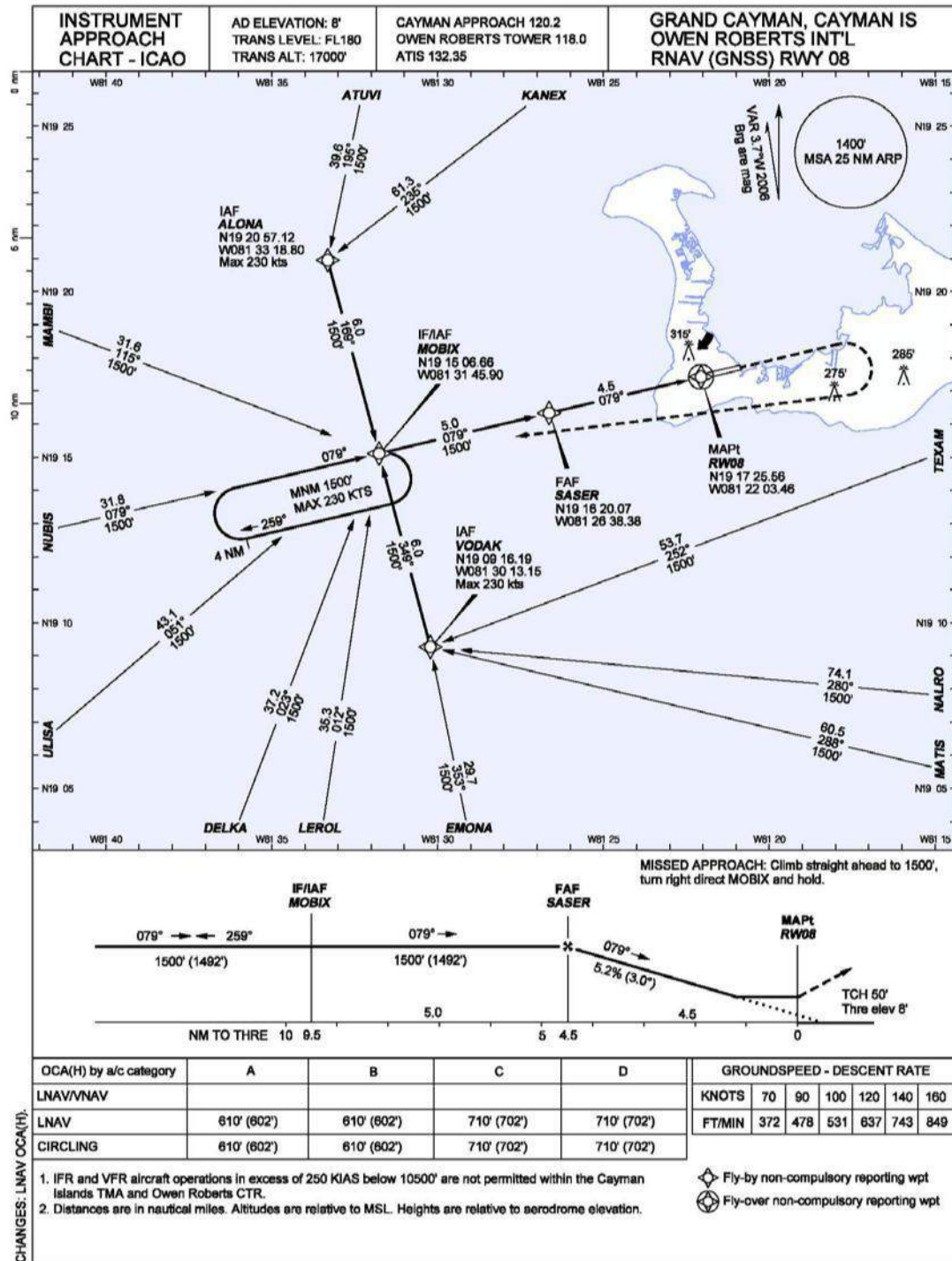


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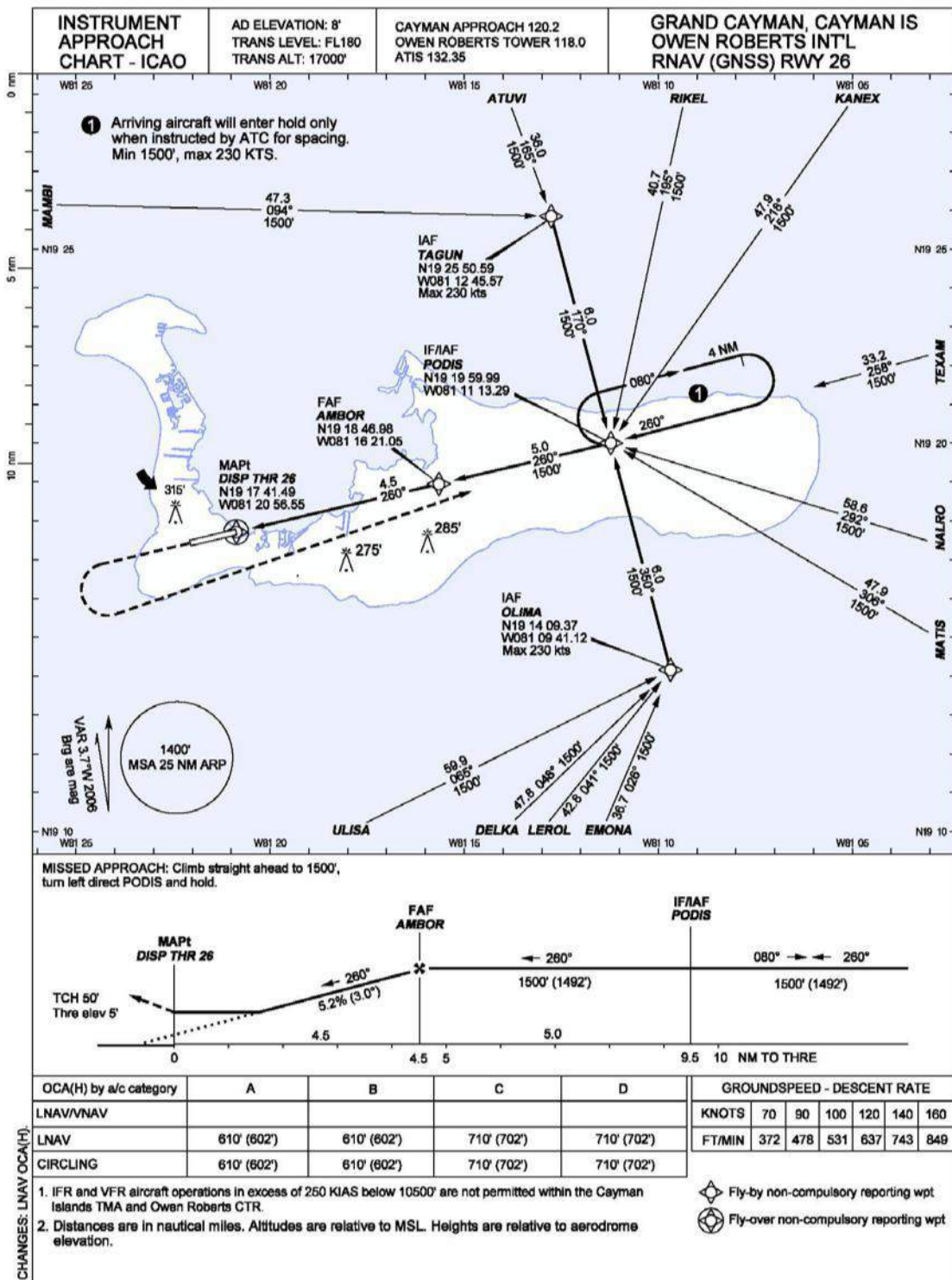




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