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Introduction

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1. Amendment content:

GEN	Description
GEN 0.1	Typographical error correction
GEN 0.2	AIRAC AMDT 001/2026 publication details
GEN 0.4	Checklist of AIP pages update
GEN 1.1	Revision of Meteorological Authority and Meteorological Services unit address, and additional clarification
GEN 1.2	Revision to Non-scheduled commercial flight
GEN 1.5	Minor edits
GEN 1.7	Clarification
GEN 2.1	Minor edit, and update of Bermuda Public Holidays table
GEN 2.2	Addition of PCR abbreviation
GEN 2.7	Sunrise, Sunset, and Civil Twilight tables updated
GEN 3.5	Clarification of Meteorological Authority and Meteorological Services
GEN 4.1	Update of Aerodrome Fees
GEN 4.2	Update of Air Navigation Service Charges

ENR	Description
ENR 1.2	Clarification of VFR flights
ENR 1.3	Clarification of IFR flights
ENR 5.5	Clarification of Aerial sporting and Recreational activities

AD	Description
AD 1.2	Revision of Rescue and Fire Fighting Services
TXKF AD 2.11	Revision of text
TXKF AD 2.12	Revision of RWY physical characteristics
TXKF AD 2.20	Apron III restriction, and Aerodrome operating minima determination
TXKF AD 2.23	Clarification of Uncontrolled hours emergency arrivals
TXKD AD 2.24 ADC	Aerodrome chart updated - RWY physical characteristics

2. Hand corrections to the following pages:

Nil

3. Record entry of amendment in GEN 0.2.

4. This AIP amendment incorporates information contained in the following publications:

NOTAMs incorporated in this AIP publication		
NOTAM#	**Description**	**Section affected**

SUPs incorporated in this AIP publication		
SUP#	**Description**	**Section affected**
NIL		

AICs incorporated in this AIP publication	
AIC#	**Description**
NIL	

5. Insert / remove the pages as shown in list on the next page:

Insert the following pages		Remove the following pages	
GEN 0.1 - 1/2	29 OCT 2026	GEN 0.1 - 1/2	20 MAR 2025
GEN 0.2 - 1/2	29 OCT 2026	GEN 0.2 - 1/2	27 NOV 2025
GEN 0.4 - 1/2	29 OCT 2026	GEN 0.4 - 1/2	27 NOV 2025
GEN 0.4 - 3/4	29 OCT 2026	GEN 0.4 - 3/4	27 NOV 2025
GEN 1.1 - 1/2	29 OCT 2026	GEN 1.1 - 1/2	20 JUL 2025
GEN 1.1 - 3/4	29 OCT 2026	GEN 1.1 - 3/4	20 APR 2023
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GEN 2.7 - 3/4	29 OCT 2026	GEN 2.7 - 3/4	20 MAR 2025
GEN 2.7 - 5/6	29 OCT 2026		
GEN 2.7 - 7/8	29 OCT 2026		
GEN 3.5 - 1/2	29 OCT 2026	GEN 3.5 - 1/2	30 NOV 2023
GEN 3.5 - 3/4	29 OCT 2026	GEN 3.5 - 3/4	20 APR 2023
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AD 2 TXKF - 11/12	29 OCT 2026	AD 2 TXKF - 11/12	20 MAR 2025
AD 2 TXKF - 13/14	29 OCT 2026	AD 2 TXKF - 13/14	27 NOV 2025
AD 2 TXKF ADC - 1/2	29 OCT 2026	AD 2 TXKF ADC - 1/2	20 MAR 2025

AD 1.2 RESCUE AND FIRE FIGHTING SERVICES AND SNOW PLAN

1. RESCUE AND FIRE FIGHTING SERVICES

1.1 Rescue and fire fighting services are provided in accordance with OTAR Part 140 and the associated guidance contained in ICAO Airport Services Manual (Doc 9137), Part 1.

1.2 See Paragraph AD 2.6 for information specific to L. F. Wade International Airport.

2. SNOW PLAN

2.1 Not Applicable.

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TXKF AD 2.10 AERODROME OBSTACLES

Note: A complete list of Aerodrome Obstacles for area 2 and 3 are available upon request in AIXM and PDF Formats (February 2025 survey data)
Survey completed using EGM96 Datum

TXKF AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

See Section GEN 3.5.

TXKF AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY m (feet)	Strength (PCR) and Surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY (feet AMSL)
1	2	3	4	5	6
12	101.45°	2958 x 46 (9705 x 150)	PCR 563/F/A/W/U Asphalt	322158.94N 0644132.10W	THR 18
30	281.45°	2958 x 46 (9705 x 150)	PCR 563/F/A/W/U Asphalt	322141.00N 0643947.81W	THR 18

Designations RWY NR	Slope of RWY/SWY	SWY Dimensions m (feet)	CWY Dimensions m (feet)	Strip Dimensions m (feet)	OFZ
1	7	8	9	10	11
12	Nil	Nil	Nil	3079m x 280m (10,098 x 919ft)	Yes
30	Nil	Nil	Nil		

Designations RWY NR	Remarks
1	12
12	RESA m (feet): 230 x 150 (755 x 492) Rwy End 322200.08N 0644138.71W Elev 18 ft
30	RESA m (feet): 115 x 150 (377 x 492)

TXKF AD 2.13 DECLARED DISTANCES

RWY Designator	TORA m (feet)	TODA m (feet)	ASDA m (feet)	LDA m (feet)	Remarks
1	2	3	4	5	6
12	2958 (9705)	2958 (9705)	2958 (9705)	2782 (9127)	Nil
30	2958 (9705)	2958 (9705)	2958 (9705)	2958 (9705)	Nil

TXKF AD 2.14 APPROACH AND RUNWAY LIGHTING

Runway Designation	Approach	Decision	Threshold	PAPI
1	2	3	4	5
12	High intensity approach lights (SSALS) consisting of a series of 7 light bars, except decision bar 19 lights and last bar 8 lights, extending 1380 ft from the approach end of the runway	White bar 1000 ft from threshold	Green LED lights	Left side of runway/ 4-Box Type LED
30	High intensity approach lights consisting of a series of 15 light bars with 5 lights in each bar, except decision bar with 21 lights, extending 450m (1479 ft) from the approach end of the runway with 15 white sequenced flashing lights.	White bar 300m (984 ft) from threshold	Green LED lights	Left side of runway/ 4-Box Type LED

Runway Designation	Runway Edge	Touchdown Zone / Centreline / Stopway	Runway End	Remarks
1	6	7	8	9
12	Bi-directional LED white (amber/white last 1941 ft) runway lights with 5 levels of intensity spaced 60 m apart	Bi-directional LED white runway centerline (red last 1000 ft) spaced 30 m, 5 intensity levels	2 bars of 4 red lights at threshold	Runway Aiming Point not coincident with PAPI location and angle
30	Bi-directional LED white (last 1941 ft comprises amber/white for 1403 ft and amber/red for 538 ft) runway lights with 5 levels of intensity spaced 60 m apart	Bi-directional LED white runway centerline (red last 1000 ft) spaced 30 m, 5 intensity levels	2 bars of 4 red lights	Lighting system conforms with CAT I SSALR

TXKF AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1. PILOT CONTROL OF AIRPORT LIGHTING

For PPR requirements refer to GEN 1.2 ENTRY, TRANSIT AND DEPARTURE OF AIRCRAFT.

Radio control of lighting is available daily during hours of non-tower operation from 2300 to 0700 LMT (0300 to 1100 UTC or 0200 to 1000 during Atlantic Daylight Savings Time). Pilot control of airport lighting operates on the Common Traffic Advisory Frequency (CTAF) 122.800 MHz. IFR clearance is available from NY ARTCC on frequency 128.500 MHz.

The control system consists of a 3-step control responsive to 7, 5, and/or 3 microphone clicks. This 3-step control will turn on lighting facilities capable of 3-step, 2-step, or 1-step operation. All lighting is illuminated for a period of 15 min- utes from the most recent time of activation and may not be extinguished prior to the end of the 15-minute period.

Suggested use is to always initially key the micro- phone 7 times; this assures that all control lights are turned on to the maximum available intensity. If desired, adjustment can then be made to a lower intensity by keying 5 and/or 3 times. Even when lights are on, always key the microphone as directed when

Type of aid MAG VAR Type of supported OPS	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
ILS	I-BDA	Localizer: 109.900 MHz	H24	Localizer 322201.18N 0644145.12W		No back course
		Glideslope: 333.800 MHz		Glideslope 322141.00N 0644000.05W		
		DME CH 36X 997.000 MHz		DME 322140.58N 0644000.03W	28.39 ft [8.562 m]	Zero point located at I-BDA glideslope on RWY centerline at 322143.01N 0643959.48W. DME unusable: Beyond 25° left of RWY centerline, all altitudes Beyond 30° right of RWY centerline, all altitudes

TXKF AD 2.20 LOCAL TRAFFIC REGULATIONS

1. GENERAL

1.1 Aircraft landing on Runway 12 will normally be required to vacate left and use Taxiway A, and then contact Bermuda Ground for instructions to the Passenger Terminal Ramp Area (Apron VII).
See also Paragraph 15. Local Aerodrome Regulations.

1.2 Aircraft landing on Runway 30 will normally clear the runway onto Taxiway B.

1.3 Line up and wait (LUAW) operations are not authorized.

1.4 All aircraft are prohibited from making 180-degree turns on Runway 12/30 unless instructed to do so by Bermuda Tower.

1.5 Aircraft apron movements are uncontrolled.

1.6 The Passenger Terminal Area (Apron VII) has eight nose-in parking spots for which priority is given to scheduled air carriers.

1.7 Simultaneous use of Taxiway A and Runway 12/30 by multiple Code E aircraft is prohibited. ATC shall coordinate the required aircraft separation.
See also GEN-1.7 - 2. LOCAL BERMUDA DIFFERENCES - 2.14.

2. MILITARY AIRCRAFT OPERATIONS

Prior permission required for all military Code D, E, F and Search and Rescue aircraft on mission critical operations, as parking area restrictions apply (see also Section AD 2.8). Straight-in parking only at all Parking Points on Apron I.

Expect parking on Apron III and Apron VI.
Prior coordination required with Aerodrome Operations, Airport Duty Officer (see Section GEN 1.1).

3. AIRBUS A380 AIRCRAFT OPERATIONS

Airbus A380 aircraft operations are limited to emergency use only. Airbus A380 services following landing are limited to passenger embarkation using a single stair-truck to the lower level.

4. HAZARDOUS CARGO PARKING

4.1 Isolated parking for aircraft with hazardous cargo is south of Taxiway F on Apron VI.

5. DEPARTURE CLEARANCE PROCEDURES

5.1 Bermuda Ground provides ATC departure clearance during Bermuda Control Tower operational hours.

5.2 NY ARTCC provides ATC departure clearance (128.500 MHz) during Bermuda Control Tower non-operational hours.

6. PUSHBACK, START, AND TAXI INSTRUCTIONS

6.1 Aircraft will contact Bermuda Ground for pushback, start, and taxi instructions from the Passenger Terminal Area (Apron VII). Aircraft will use Taxiway B or Taxiway Q when departing Apron VII.

7. TAXIWAY AND APRON RESTRICTIONS

7.1 ICAO Code E (and above) aircraft are restricted to the use of Apron I, Apron VI, and Apron VII only.

7.2 ICAO Code E (and above) aircraft are restricted to the use of Taxiways Alpha, Bravo (south of Taxiway A), Charlie, Foxtrot (south of Runway), Golf, Tango, and Whiskey only.

7.3 ICAO Code D (and above) aircraft are prohibited from using Taxiways Echo, Foxtrot (north of Runway), Foxtrot (north of Taxiway A), Hotel, Juliet, Quebec.

7.4 Taxiways Echo and Foxtrot (north of the runway) are restricted to use by ICAO Code C or below aircraft only, EXCEPT Airbus A321 aircraft are prohibited from using Taxiways Echo, Foxtrot (north of the runway), and Apron III.

7.5 Apron III restricted to Code C Aircraft and smaller. A400M and C130 exempt.

7.6 Apron VI closed to all B777-300 and A380-800 aircraft.

8. CORPORATE AND PRIVATE AIRCRAFT HANDLING FACILITIES

8.1 Handling Facilities for Corporate and Private Aircraft are available on Apron IV.

9. AERODROME OPERATING MINIMA DETERMINATION

9.1 Aircraft operating minima for take-off and landing at TXKF shall be established by the operator in accordance with the requirements of the Air Navigation (Overseas Territories) Order (AN(OT)O) and the applicable provisions of OTAR Part 91, OTAR Part 121 and OTAR Part 135, including paragraph 91.240, as applicable to the operation.

Instrument approach, departure and take-off minima published for TXKF shall be applied in conjunction with the applicable operator-approved operating procedures and the requirements of the AN(OT)O and the relevant OTARs.

Where applicable, the provisions of ICAO Annex 6, ICAO PANS-OPS (Doc 8168) and other ICAO guidance material may be used as supporting guidance, provided they do not conflict with the requirements of the AN(OT)O or the applicable OTARs.

9.2 In addition, as a transitional measure, where PBN approaches are available within the Territory, the minima provided by the designer of the procedure shall be specified in the relevant part of the AIP for the individual aerodrome/approach.

9.3 The relevant operational Annexes to EASA Ops (European Commission Regulation (EC) 965/ 2012) are as follows:

a. Commercial air transport operations: Annex IV 'Part- CAT;

b. Non-commercial operations with complex motor-powered aircraft: Annex VI 'Part-NCC';

c. Non-commercial operations with other-than complex motor-powered aircraft: Annex VII 'Part-NCO'.

10. STANDARD TAXI ROUTE PROCEDURES

10.1 Standard Taxi Routes (STR) have been developed to enhance ground control operations for aircraft traffic operating to/from aprons. The use of STR's should allow pilots to preplan their taxi route before taxiing to or from the apron. STR's do not supersede instructions issued by ATC, STR's are meant to complement established ATC procedures and rules.

10.2 STR's shall be used to describe routes, procedures and/or frequency information. All runway hold short/crossing instructions shall be transmitted in accordance with ICAO Doc. 4444 when the Tower is manned. Runway crossings during uncontrolled periods (2300hrs – 0700hrs) shall be conducted at the pilots discretion based on traffic and all intentions broadcasted on the Common Traffic Advisory Frequency 122.800 MHz.

10.3 Traffic Departing from Apron IV

Runway 30 – Taxi to Runway 30.
Turn left on Taxiway A and hold short of the runway until further instructions are received.

Contact Tower Control on 118.100 MHz east of Taxiway J.

Runway 12 – Taxi to Runway 12.
Turn right on Taxiway A, turn left on Taxiway B and hold short of the runway until further instructions are received.
Contact Tower Control on 118.100 MHz west of Taxiway F.

Note: During Non-Tower Operations (between 2300hrs and 0700hrs) prior to taxiing for departure, operate airfield lighting and monitor and transmit all intentions on Common Traffic Advisory Frequency 122.800 MHz until airborne then contact NY ARTCC on 128.500 MHz/119.100 MHz.

10.4 Traffic Arriving to Apron IV

Landing on Runway 30 – exit right on one of the adjoining Taxiways E,F or B,
contact Ground Control on 124.500 MHz, turn right on Taxiway A, turn left on Taxiway H to Apron IV.

Landing on Runway 12 – exit left on Taxiway C,
contact Ground Control on 124.500 MHz, turn left on Taxiway A, turn right on Taxiway H to Apron IV.

Note: During Non-Tower Operations (between 2300hrs and 0700hrs) prior to entering the Bermuda Class D Control Zone, operate airfield lighting and monitor and transmit all intentions on Common Traffic Advisory Frequency 122.800 MHz until arriving safely at Apron IV.

10.5 Traffic Departing from Apron VII

Runway 30 via Bravo - Alpha - Taxi to Runway 30. Proceed to Taxiway B, cross the Runway, turn right on Taxiway A, and hold short of the Runway until further instructions are received. Contact Tower Control on 118.10 MHz on Taxiway A.

Runway 12 via Bravo - Golf - Taxi to Runway 12. Proceed to Taxiway B, turn left on Taxiway G, and hold short of the Runway until further instructions are received. Contact Tower Control on 118.10 MHz east of Taxiway G.

10.6 Traffic Arriving to Apron VII

Landing on Runway 30 - Taxi to Apron VII via Bravo. Exit left on Taxiway B to Apron VII, contact Ground Control on 124.50 on Taxiway B.

Landing on Runway 12 - Taxi to Apron VII via Alpha - Bravo. Exit left on Taxiway A, contact Ground Control on 124.50 MHz, turn left on Taxiway B, cross the Runway, continue on Taxiway B to Apron VII.

10.7 Traffic Departing from Apron I

Runway 30 via Tango - Bravo - Alpha - Taxi to Runway 30. Proceed to Taxiway T, turn right on Taxiway B, cross the Runway, turn right on Taxiway A, and hold short of the Runway until further instructions are received. Contact Tower Control on 118.10 MHz on Taxiway A.

Runway 12 via Tango - Bravo - Golf - Taxi to Runway 12. Proceed to Taxiway T, turn right on Taxiway B, turn left on Taxiway G, and hold short of the Runway until further instructions are received. Contact Tower Control on 118.10 MHz east of Taxiway G.

10.8 Traffic Arriving to Apron I

Landing on Runway 30 - Taxi to Apron I via Bravo - Tango. Exit left on Taxiway B, contact Ground Control on 124.50 MHz, turn left on Taxiway T to Apron I.

Landing on Runway 12 - Taxi to Apron I via Alpha - Bravo - Tango. Exit left on Taxiway A, contact Ground Control on 124.50 MHz, turn left on Taxiway B, cross the Runway, continue on Taxiway B, turn left on Taxiway T to Apron I.

TXKF AD 2.21 NOISE ABATEMENT PROCEDURES

1. INTERNATIONAL AIRCRAFT NOISE REQUIREMENTS

All aircraft operations at L. F. Wade International Airport (TXKF) are to comply with the environmental noise standards as detailed in Chapter 3 or 4 to ICAO Annex 16.

2. NOISE RESTRICTION ON APRON IV

Operation of Aircraft Auxiliary Power Unit is limited to 45 min before scheduled take-off and shut down as soon as possible when aircraft is parking on Apron IV

TXKF AD 2.22 FLIGHT PROCEDURES

1. TURBULENCE/WIND SHEAR

There is a potential for light to moderate turbulence and/or wind shear to be encountered by aircraft conducting approaches to Runway 12 and 30, when the wind direction originates from the northern quadrants, and is in excess of 15 knots at the surface. This turbulence is generally associated with nearby topography to the north.

2. IFR OPERATIONS

2.1 All aircraft operating into and out of L. F. Wade International Airport are required to operate under IFR. NY ARTCC provides IFR ATS.

2.2 All aircraft operating into and out of L. F. Wade International Airport are required to follow procedures published in FAR 91.185 in the event of loss of radio communication.

3. L. F. WADE INTERNATIONAL AIRPORT ARRIVALS

3.1 NY ARTCC instructs aircraft when to contact Bermuda Tower during control tower operational hours.

3.2 NY ARTCC instructs aircraft when to switch to Common Traffic Advisory Frequency (CTAF: 122.800 MHz.) during control tower non-operational hours.

4. L. F. WADE INTERNATIONAL AIRPORT DEPARTURES

4.1 Bermuda Tower instructs aircraft when to contact NY ARTCC during control tower operational hours.

4.2 NY ARTCC Clearance Delivery instructs aircraft when to contact NY ARTCC during control tower non-operational hours.

5. VFR FLIGHT PLAN

VFR flight plan aircraft shall contact Bermuda Tower prior to entering the control zone.

Aircraft desiring Special VFR (SVFR) operations in the control zone shall request approval from Bermuda Tower prior to commencing such operations.

6. INSTRUMENT PROCEDURE INITIAL APPROACH FIXES.

FIX	PROCEDURE	BDA RADIAL / DISTANCE	COORDINATES	REMARKS
1	2	3	4	5
ADIPE	VOR Y RWY 12	R-302.09 / 14.96 NM	3226.2N 06458.3W	Nil
BIDVE	ILS Z RWY 30 RNAV (GNSS) RWY 30	RNAV (GNSS) Waypoint	3225.5N 06426.2W	Nil
CABEM	ILS Z RWY 30 RNAV (GNSS) RWY 30	R-115.99 / 11.84 NM	3219.6N 06427.7W	Nil
CURUN	ILS Z RWY 30 RNAV (GNSS) RWY 12 RNAV (GNSS) RWY 30 VOR Y RWY 12	RNAV(GNSS) Waypoint	3218.6N 06421.9W	Nil
DERME	RNAV (GNSS) RWY 30	RNAV (GNSS) Waypoint	3220.8N 06434.6W	Nil
TOWUN	RNAV (GNSS) RWY 12	RNAV (GNSS) Waypoint	3222.9N 06446.8W	Nil
TUDIE	ILS Z RWY 30 RNAV (GNSS) RWY 30	RNAV (GNSS) Waypoint	3213.7N 06429.1W	Nil
UTALE	RNAV (GNSS) RWY 12	RNAV (GNSS) Waypoint	3219.0N 06453.7W	Nil
VENZI	RNAV (GNSS) RWY 12	RNAV (GNSS) Waypoint	3228.8N 06451.4W	Nil
VITUT	RNAV (GNSS) RWY 12	RNAV (GNSS) Waypoint	3223.9N 06452.6W	Nil
WENAN	ILS Y RWY 30 ILS Z RWY 30 RNAV (GNSS) RWY 12 RNAV (GNSS) RWY 30 VOR RWY 30	R-296.79 / 15.35 NM	3225.0N 06459.1W	Nil

FIX	PROCEDURE	BDA RADIAL / DISTANCE	COORDINATES	REMARKS
1	2	3	4	5
ZASER	ILS Y RWY 30	R-100.95 / 15.15 NM	3222.9N 06423.5W	Nil

TXKF AD 2.23 ADDITIONAL INFORMATION

1. UNCONTROLLED HOURS EMERGENCY ARRIVALS

The aerodrome is uncontrolled from 2300-0700 local time. Air Traffic Control Tower services are not available. Aerodrome Rescue and Fire Fighting (ARFF) services are not available on site and are provided by call-out response only for declared emergencies. The aerodrome remains open. CTAF 122.800 MHz. Pilot Activated Lighting (PCL) is available.

2. WILDLIFE CONTROL SERVICE

Wildlife control services, including bird deterrent activities, are not provided during control tower non-operational hours.

3. AIRPORT CLOSURE

Any weather, infrastructure, operational or other condition that may not be conducive to safe flight operations including Tropical Storms, Hurricanes, extreme crosswinds and/or closure of the sole bridge link between the airport and mainland and resulting inaccessibility of emergency services may result in an airport closure to be made at the discretion of the Aerodrome Operator.

4. ATIS BROADCAST

The surface wind information contained in the ATIS broadcast at L.F. Wade International Airport is reported in degrees true; the current magnetic variation at Bermuda is 15°W (2021).

5. GLOBAL REPORTING FORMAT - RUNWAY CONDITION REPORTS (RCR)

Information relating to runway surface conditions shall be disseminated appropriately via ATIS and SNOWTAM. Air-Ground Voice Communications will also be carried out when necessary. Aircraft operators should utilize the information in conjunction with the performance data provided by the aircraft manufacturer to determine if landing or take-off operations can be conducted safely and provide runway braking action special air reports (AIREP) to ATC.

The SNOWTAM will be promulgated whenever RWYCC 2 is reported. The assessment and reporting of runway surface conditions continue until the runway is no longer contaminated. The RCR is communicated from the lowest runway designation number.

For information relating to the runway surface conditions during the hours the Bermuda Tower is unmanned (Daily 2300hrs – 0700hrs local time) aircraft should contact Cedar Aviation (Fixed Base Operator) on Frequency 131.6 MHz prior to arrival.

Further information regarding contamination type, contamination depth, and coverage shall be provided on request by the pilot. The information is communicated for each runway third in the direction of landing/take-off.

TXKF AD 2.24 CHARTS RELATED TO THE AERODROME

Chart	Page
Aerodrome Chart - ICAO	AD-2 TXKF ADC-1
Aircraft Parking / Docking Chart - ICAO - Apron I & VII	AD-2 TXKF APDC A1 A7-1
Aircraft Parking / Docking Chart - ICAO - Apron III	AD-2 TXKF APDC A3-1
Aircraft Parking / Docking Chart - ICAO - Apron IV	AD-2 TXKF APDC A4-1
Aircraft Parking / Docking Chart - ICAO - Apron V	AD-2 TXKF APDC A5-1
Aircraft Parking / Docking Chart - ICAO - Apron VI	AD-2 TXKF APDC A6-1
Aerodrome Obstacle Chart - ICAO - Type A	AD-2 TXKF AOC-1
Standard Departure Chart Instrument - ICAO - RNAV (GNSS) Rwy 12 (North)	AD-2 TXKF SID-RWY12N-1
Standard Departure Chart Instrument - ICAO - RNAV (GNSS) Rwy 12 (North) - data tabulation	AD 2 TXKF SID RWY12N DATA-1
Standard Departure Chart Instrument - ICAO - RNAV (GNSS) Rwy 12 (South)	AD-2 TXKF SID-RWY12S-1
Standard Departure Chart Instrument - ICAO - RNAV (GNSS) Rwy 12 (South) - data tabulation	AD 2 TXKF SID RWY12S DATA-1
Standard Departure Chart Instrument - ICAO - RNAV (GNSS) Rwy 30	AD 2 TXKF SID RWY30-1
Standard Departure Chart Instrument - ICAO - RNAV (GNSS) Rwy 30 – data tabulation	AD 2 TXKF SID RWY30 DATA-1
Standard Arrival Chart Instrument - ICAO - RNAV (GNSS) RWY 12/30 MOMOM ONE	AD-2 TXKF STAR RWY 12/30 MOMOM ONE-1
STAR Chart Instrument RNAV (GNSS) ARRIVAL RWY 12/30 MOMOM ONE - data tabulation	AD-2 TXKF STAR RWY 12/30 MOMOM ONE data-1
Standard Arrival Chart Instrument - ICAO - RNAV (GNSS) Rwy 12/30 POPOP ONE	AD-2 TXKF STAR RWY 12/30 POPOP ONE-1
STAR Arrival Chart Instrument RNAV (GNSS) ARRIVAL RWY 12/30 POPOP ONE - data tabulation	AD-2 TXKF STAR RWY 12/30 POPOP ONE data-1
Instrument Approach Chart - ICAO - ILS y Rwy 30	AD-2 TXKF IAC ILS Y RWY30-1
Instrument Approach Chart - ICAO - ILS z Rwy 30	AD-2 TXKF IAC ILS Z RWY30-1
Instrument Approach Chart - ICAO - RNAV (GNSS) Rwy 12	AD-2 TXKF IAC RNAV GNSS RWY12-1
Instrument Approach Chart - ICAO - RNAV (GNSS) Rwy 30	AD-2 TXKF IAC RNAV GNSS RWY30-1
Instrument Approach Chart - ICAO - VOR y Rwy 12	AD-2 TXKF IAC VOR Y RWY12-1
Instrument Approach Chart - ICAO - VOR z Rwy 12	AD-2 TXKF IAC VOR Z RWY12-1
Instrument Approach Chart - ICAO - VOR Rwy 30	AD-2 TXKF IAC VOR RWY30-1
Visual Approach Chart - ICAO	AD-2 TXKF VAC-1

AERODROME CHART - ICAO

32 21 50.55 N
064 40 43.33 W

ELEV
18ft / 5.59 m

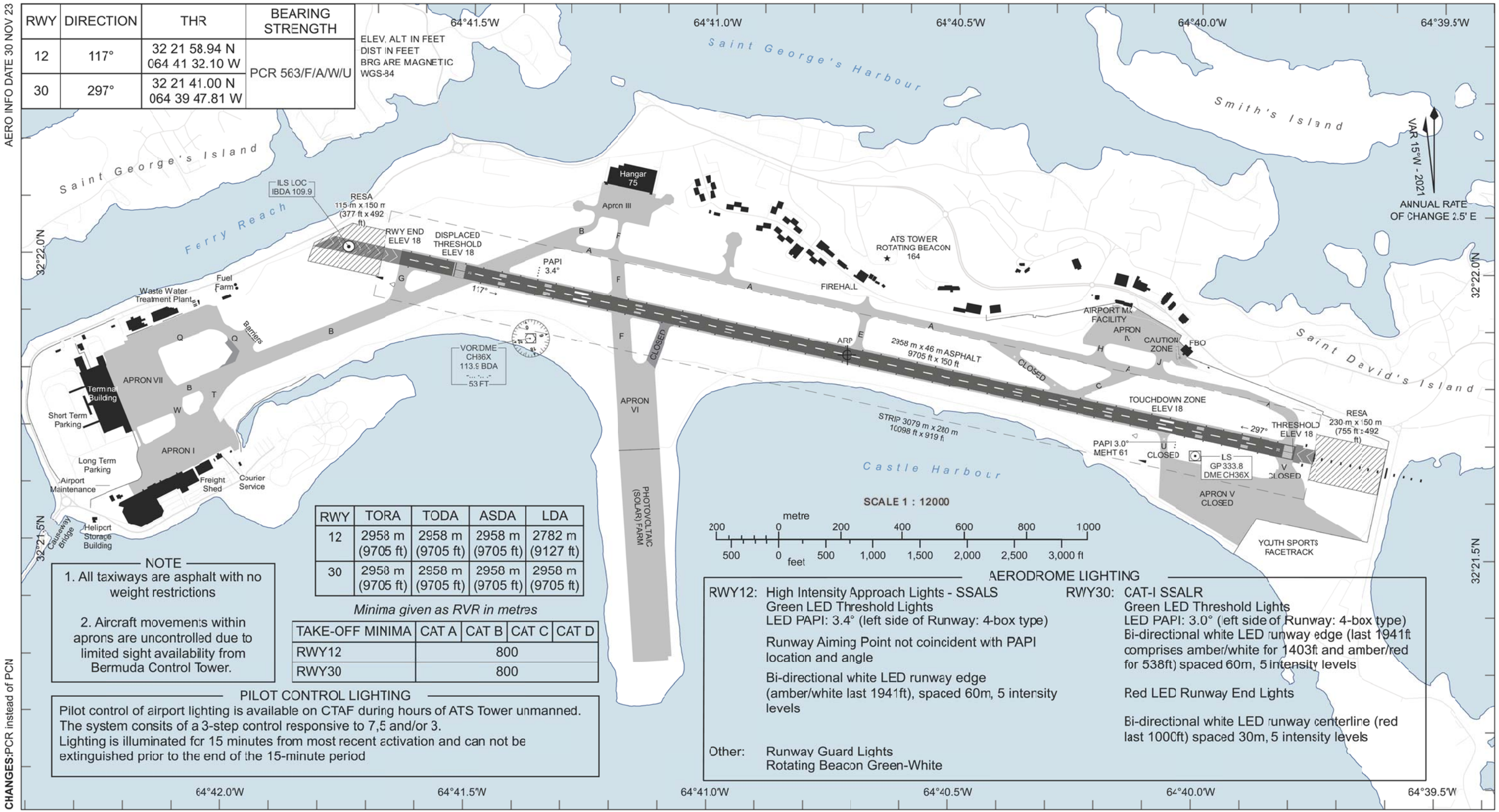
BERMUDA TOWER	118.100
BERMUDA GROUND	124.500
CTAF	122.800
ATIS	119.500
NY CENTER CLNC DEL/APP	128.500 / 119.100

BERMUDA
L. F. Wade Intl Airport (TXKF)

AERO INFO DATE 30 NOV 23

RWY	DIRECTION	THR	BEARING STRENGTH
12	117°	32 21 58.94 N 064 41 32.10 W	PCR 563/F/A/W/U
30	297°	32 21 41.00 N 064 39 47.81 W	

ELEV, ALT IN FEET
DIST IN FEET
BRG ARE MAGNETIC
WGS-84



RWY	TORA	TODA	ASDA	LDA
12	2958 m (9705 ft)	2958 m (9705 ft)	2958 m (9705 ft)	2782 m (9127 ft)
30	2958 m (9705 ft)	2958 m (9705 ft)	2958 m (9705 ft)	2958 m (9705 ft)

Minima given as RVR in metres

TAKE-OFF MINIMA	CAT A	CAT B	CAT C	CAT D
RWY12	800			
RWY30	800			

NOTE

1. All taxiways are asphalt with no weight restrictions

2. Aircraft movements within aprons are uncontrolled due to limited sight availability from Bermuda Control Tower.

PILOT CONTROL LIGHTING

Pilot control of airport lighting is available on CTAF during hours of ATS Tower unmanned. The system consits of a 3-step control responsive to 7,5 and/or 3. Lighting is illuminated for 15 minutes from most recent activation and can not be extinguished prior to the end of the 15-minute period

AERODROME LIGHTING

RWY12: High Intensity Approach Lights - SSALS
Green LED Threshold Lights
LED PAPI: 3.4° (left side of Runway: 4-box type)

Runway Aiming Point not coincident with PAPI location and angle

Bi-directional white LED runway edge (amber/white last 1941ft), spaced 60m, 5 intensity levels

RWY30: CAT-I SSALR
Green LED Threshold Lights
LED PAPI: 3.0° (left side of Runway: 4-box type)
Bi-directional white LED runway edge (last 1941ft comprises amber/white for 1403ft and amber/red for 538ft) spaced 60m, 5 intensity levels

Red LED Runway End Lights

Bi-directional white LED runway centerline (red last 1000ft) spaced 30m, 5 intensity levels

Other: Runway Guard Lights
Rotating Beacon Green-White

CHANGES: PCR instead of PCN

INTENTIONALLY
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PART 1 - GENERAL (GEN)

GEN 0

GEN 0.1 PREFACE

To all holders of the Bermuda Aeronautical Information Publication, Eighth Edition:

This edition of the Aeronautical Information Publication (AIP) has been prepared in accordance with International Civil Aviation Organisation (ICAO) Standards and Recommended Practices (SARP) of Annex 15 to the Chicago Convention, and the guidance material in the Aeronautical Information Service Manual (Doc 8126-AN/872).

This AIP contains aeronautical information of permanent nature and is kept up to date by means of amendment service. Aeronautical information of important operational significance, which is of a temporary nature, or requires advance distribution and is appropriate to the AIP but needs immediate dissemination, is notified by means of Notice To Airmen (NOTAM).

Aeronautical information of general technical interest of a purely administrative nature and therefore inappropriate to NOTAM or AIP shall be published in Aeronautical Information Circulars (AIC).

Contact the following service to report errors or omissions in this document:

Post: Bermuda Airport Authority
Bldg 332 East
11 Waller's Point Road
St. George's DD03, Bermuda

Phone: 1.441.242.2004

Email: ais@airportauthority.bm

Specific points of contact may be obtained on the Internet at www.airportauthority.bm.

This AIP is copyrighted material and may not be used in any form of publication, public display, advertising, broadcast, legal presentation, or reproduction without the express written consent of Bermuda, which reserves all rights.

1. AERONAUTICAL AUTHORITY

The Bermuda Airport Authority is the publishing authority for this AIP.

2. AERODROME OPERATOR

Bermuda Skyport Corporation Limited is the L.F. Wade International Airport aerodrome operator.

3. APPLICABLE ICAO DOCUMENTS

The AIP is prepared in accordance with the SARP of Annex 15 to the Convention on International Civil Aviation and with the Aeronautical Information Services Manual (ICAO Doc 8126). Charts contained in the AIP are produced in accordance with Annex 4 to the Convention on International Civil Aviation and with the Aeronautical Chart Manual (ICAO Doc 8697). Differences from ICAO SARP are addressed in Section GEN 1-7.

4. THE AIP STRUCTURE AND AMENDMENT INTERVAL

4.1 The AIP Structure

The AIP forms part of the Integrated Aeronautical Information Package, details of which are given at Section GEN 3.1. The principal AIP structure is shown in graphic form on Page GEN 0.1-3.

The AIP is made up of three parts, General (GEN), En Route (ENR), and Aerodrome (AD), each divided into sections and sub-sections as applicable, containing various types of information subjects.

PART 1 - GENERAL (GEN)

GEN.
Consists of five sections containing information briefly described hereafter.

- GEN 0.
  Preface; record of AIP amendments;

record of AIP Supplements;
checklist of AIP pages;
list of hand amendments to the AIP;
Table of Contents to Part 1.

- GEN 1. National Regulations and Requirements
  Designated authorities;
  entry, transit and departure of aircraft;
  entry, transit and departure of passengers and crew;
  entry, transit and departure of cargo;
  aircraft instruments, equipment and flight documents;
  summary of national regulations and international agreements/conventions;
  differences from ICAO SARP.

- GEN 2. Tables and Codes
  Measuring system, aircraft markings, holidays;
  abbreviations used in AIS publications;
  chart symbols; location indicators;
  list of radio navigation aids;
  conversion tables;
  sunrise/sunset tables.

- GEN 3. Services
  Aeronautical information services;
  aeronautical charts;
  air traffic services (ATS);
  communications services;
  meteorological services;
  search and rescue.

- GEN 4.
  Charges for aerodrome and air navigation services Aerodrome charges;
  air navigation service charges.

PART 2 – EN ROUTE (ENR)
ENR consists of seven sections containing information briefly described hereafter.

- ENR 0.
  Table of Contents to Part 2

- ENR 1. General Rules and Procedures
  General rules;
  visual flight rules;
  instrument flight rules;
  ATS airspace classification;
  holding, approach and departure procedures;
  radar services and procedures;
  altimeter setting procedures;
  regional supplementary procedures;
  air traffic flow management;
  flight planning;
  addressing of flight plan messages;
  interception of civil aircraft; unlawful interference;
  air traffic incidents.

- ENR 2. Air Traffic Services Airspace
  Flight Information Region (FIR), Upper Flight Information Region (UIR), Terminal Control Area (TMA);
  other regulated airspace.

- ENR 3. ATS Routes
  Lower ATS routes;
  upper ATS routes;

GEN 0.2 RECORD OF AIP AMENDMENTS

AIRAC amendment dates			
NR/Year	**Publication date**	**Effective date**	**Inserted by**
001/2005		22 DEC 2005	
001/2006		08 JUN 2006	
002/2006		23 NOV 2006	
001/2007		10 MAY 2007	
002/2007		20 DEC 2007	
001/2008		14 JAN 2008	
002/2008		23 OCT 2008	
001/2009		09 APR 2009	
002/2009		19 NOV 2009	
001/2010		11 MAR 2010	
002/2010		26 AUG 2010	
001/2011		10 FEB 2011	
002/2011		25 AUG 2011	
001/2012		05 APR 2012	
002/2012		31 MAY 2012	
003/2012		18 OCT 2012	
001/2013		04 APR 2013	
002/2013		27 JUN 2013	
001/2014		09 JAN 2014	
002/2014		06 FEB 2014	
003/2014		16 OCT 2014	
001/2015		28 MAY 2015	
002/2015		10 DEC 2015	
001/2016		26 MAY 2016	
001/2017		02 MAR 2017	
002/2017		27 APR 2017	
003/2017		17 AUG 2017	
001/2018		26 APR 2018	
001/2019		28 MAR 2019	
001/2020		02 JAN 2020	
001/2022		24 MAR 2022	
001/2023		20 APR 2023	
002/2023		30 NOV 2023	
001/2024	02 MAY 2024	13 JUN 2024	
001/2025		20 MAR 2025	

AIRAC amendment dates			
NR/Year	**Publication date**	**Effective date**	**Inserted by**
003/2025	16 OCT 2025	27 NOV 2025	
001/2026	17 SEP 2026	29 OCT 2026	

Non-AIRAC AIP Amendments			
NR/Year	**Publication date**	**Date inserted**	**Inserted by**
002/2025	20 JUL 2025	20 JUL 2025	

GEN 0.4 CHECKLIST OF AIP PAGES

PART 1 - GENERAL (GEN)

GEN 0

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GEN-0.1 - 2	29 OCT 2026	GEN-0.4 - 3	29 OCT 2026
GEN-0.1 - 3	30 NOV 2023	GEN-0.4 - 4	29 OCT 2026
GEN-0.1 - 4	30 NOV 2023	GEN-0.5 - 1	20 APR 2023
GEN-0.2 - 1	29 OCT 2026	GEN-0.5 - 2	20 APR 2023
GEN-0.2 - 2	29 OCT 2026	GEN-0.6 - 1	27 NOV 2025
GEN-0.3 - 1	20 APR 2023	GEN-0.6 - 2	27 NOV 2025
GEN-0.3 - 2	20 APR 2023	GEN-0.6 - 3	27 NOV 2025
GEN-0.4 - 1	29 OCT 2026	GEN-0.6 - 4	27 NOV 2025

GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS

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GEN-1.1 - 2	29 OCT 2026	GEN-1.5 - 2	29 OCT 2026
GEN-1.1 - 3	29 OCT 2026	GEN-1.6 - 1	20 APR 2023
GEN-1.1 - 4	29 OCT 2026	GEN-1.6 - 2	20 APR 2023
GEN-1.2 - 1	29 OCT 2026	GEN-1.7 - 1	27 NOV 2025
GEN-1.2 - 2	29 OCT 2026	GEN-1.7 - 2	27 NOV 2025
GEN-1.3 - 1	20 APR 2023	GEN-1.7 - 3	27 NOV 2025
GEN-1.3 - 2	20 APR 2023	GEN-1.7 - 4	27 NOV 2025
GEN-1.4 - 1	20 APR 2023	GEN-1.7 - 5	29 OCT 2026
GEN-1.4 - 2	20 APR 2023	GEN-1.7 - 6	29 OCT 2026

GEN 2 TABLES AND CODES

GEN-2.1 - 1	29 OCT 2026	GEN-2.5 - 1	20 APR 2023
GEN-2.1 - 2	29 OCT 2026	GEN-2.5 - 2	20 APR 2023
GEN-2.2 - 1	29 OCT 2026	GEN-2.6 - 1	20 APR 2023
GEN-2.2 - 2	29 OCT 2026	GEN-2.6 - 2	20 APR 2023
GEN-2.2 - 3	29 OCT 2026	GEN-2.7 - 1	29 OCT 2026
GEN-2.2 - 4	29 OCT 2026	GEN-2.7 - 2	29 OCT 2026
GEN-2.3 - 1	20 APR 2023	GEN-2.7 - 3	29 OCT 2026
GEN-2.3 - 2	20 APR 2023	GEN-2.7 - 4	29 OCT 2026
GEN-2.3 - 3	20 APR 2023	GEN-2.7 - 5	29 OCT 2026
GEN-2.3 - 4	20 APR 2023	GEN-2.7 - 6	29 OCT 2026
GEN-2.4 - 1	20 APR 2023	GEN-2.7 - 7	29 OCT 2026
GEN-2.4 - 2	20 APR 2023	GEN-2.7 - 8	29 OCT 2026

GEN 3 SERVICES

GEN-3.1 - 1	27 NOV 2025	GEN-3.4 - 2	20 APR 2023
GEN-3.1 - 2	27 NOV 2025	GEN-3.5 - 1	29 OCT 2026
GEN-3.1 - 3	27 NOV 2025	GEN-3.5 - 2	29 OCT 2026
GEN-3.1 - 4	27 NOV 2025	GEN-3.5 - 3	29 OCT 2026
GEN-3.2 - 1	20 APR 2023	GEN-3.5 - 4	29 OCT 2026
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GEN-3.3 - 1	20 APR 2023	GEN-3.6 - 2	20 APR 2023
GEN-3.3 - 2	20 APR 2023	GEN-3.6 - 3	20 APR 2023
GEN-3.4 - 1	20 APR 2023	GEN-3.6 - 4	20 APR 2023

GEN 4 CHARGES FOR AERODROME AND AIR NAVIGATION SERVICES

GEN-4.1 - 1	29 OCT 2026	GEN-4.1 - 4	29 OCT 2026
GEN-4.1 - 2	29 OCT 2026	GEN-4.2 - 1	29 OCT 2026
GEN-4.1 - 3	29 OCT 2026	GEN-4.2 - 2	29 OCT 2026

PART 2 - ENROUTE (ENR)

ENR 0

ENR-0.1 - 1	20 APR 2023	ENR-0.4 - 2	20 APR 2023
ENR-0.1 - 2	20 APR 2023	ENR-0.5 - 1	20 APR 2023
ENR-0.2 - 1	20 APR 2023	ENR-0.5 - 2	20 APR 2023
ENR-0.2 - 2	20 APR 2023	ENR-0.6 - 1	13 JUN 2024
ENR-0.3 - 1	20 APR 2023	ENR-0.6 - 2	13 JUN 2024
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ENR-0.4 - 1	20 APR 2023		

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ENR-1.2 - 2	29 OCT 2026	ENR-1.9 - 2	20 APR 2023
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ENR-1.6 - 1	20 APR 2023	ENR-1.13 - 1	20 APR 2023
ENR-1.6 - 2	20 APR 2023	ENR-1.13 - 2	20 APR 2023
ENR-1.7 - 1	20 APR 2023	ENR-1.14 - 1	20 MAR 2025
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ENR 2 AIR TRAFFIC SERVICES AIRSPACE

ENR-2.1 - 1	20 APR 2023	ENR-2.2 - 1	20 APR 2023
ENR-2.1 - 2	20 APR 2023	ENR-2.2 - 2	20 APR 2023

ENR 3 ATS ROUTES

ENR-3.1 - 1	27 NOV 2025	ENR-3.2 - 10	27 NOV 2025
ENR-3.1 - 2	27 NOV 2025	ENR-3.2 - 11	27 NOV 2025
ENR-3.2 - 1	27 NOV 2025	ENR-3.2 - 12	27 NOV 2025
ENR-3.2 - 2	27 NOV 2025	ENR-3.2 - 13	27 NOV 2025
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ENR-3.2 - 4	27 NOV 2025	ENR-3.2 - 15	27 NOV 2025
ENR-3.2 - 5	27 NOV 2025	ENR-3.2 - 16	27 NOV 2025
ENR-3.2 - 6	27 NOV 2025	ENR-3.3 - 1	20 APR 2023
ENR-3.2 - 7	27 NOV 2025	ENR-3.3 - 2	20 APR 2023
ENR-3.2 - 8	27 NOV 2025	ENR-3.4 - 1	20 APR 2023
ENR-3.2 - 9	27 NOV 2025	ENR-3.4 - 2	20 APR 2023

ENR 4 RADIO NAVIGATION AIDS/SYSTEMS

ENR-4.1 - 1	20 APR 2023	ENR-4.3 - 2	20 APR 2023
ENR-4.1 - 2	20 APR 2023	ENR-4.4 - 1	27 NOV 2025
ENR-4.2 - 1	20 APR 2023	ENR-4.4 - 2	27 NOV 2025
ENR-4.2 - 2	20 APR 2023	ENR-4.5 - 1	20 APR 2023
ENR-4.3 - 1	20 APR 2023	ENR-4.5 - 2	20 APR 2023

ENR 5 NAVIGATION WARNINGS

ENR-5.1 - 1	20 APR 2023	ENR-5.4 - 1	20 APR 2023
ENR-5.1 - 2	20 APR 2023	ENR-5.4 - 2	20 APR 2023
ENR-5.2 - 1	20 APR 2023	ENR-5.5 - 1	29 OCT 2026
ENR-5.2 - 2	20 APR 2023	ENR-5.5 - 2	29 OCT 2026
ENR-5.3 - 1	20 APR 2023	ENR-5.6 - 1	20 APR 2023
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ENR 6 LIST OF EN-ROUTE CHARTS - AIRSPACE AND ROUTES

ENR-6 - 1	27 NOV 2025	ENR-6.1 - 1	27 NOV 2025
ENR-6 - 2	27 NOV 2025	ENR-6.1 - 2	27 NOV 2025

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AD 0

AD-0.1 - 1	20 APR 2023	AD-0.4 - 1	20 APR 2023
AD-0.1 - 2	20 APR 2023	AD-0.4 - 2	20 APR 2023
AD-0.2 - 1	20 APR 2023	AD-0.5 - 1	20 APR 2023
AD-0.2 - 2	20 APR 2023	AD-0.5 - 2	20 APR 2023
AD-0.3 - 1	20 APR 2023	AD-0.6 - 1	20 JUL 2025
AD-0.3 - 2	20 APR 2023	AD-0.6 - 2	20 JUL 2025

AD 1 AERODROME - INTRODUCTION

AD-1.1 - 1	20 APR 2023	AD-1.3 - 1	20 APR 2023
AD-1.1 - 2	20 APR 2023	AD-1.3 - 2	20 APR 2023
AD-1.2 - 1	29 OCT 2026	AD-1.4 - 1	20 APR 2023
AD-1.2 - 2	29 OCT 2026	AD-1.4 - 2	20 APR 2023

AD 2 AERODROMES

AD-2-TXKF - 1	20 MAR 2025	AD-2-TXKF - 2	20 MAR 2025

AD-2-TXKF - 3	20 MAR 2025	AD-2 TXKF SID-RWY12S - 2	20 MAR 2025
AD-2-TXKF - 4	20 MAR 2025	AD 2 TXKF SID RWY12S DATA - 1	27 APR 2017
AD-2-TXKF - 5	29 OCT 2026	AD 2 TXKF SID RWY12S DATA - 2	27 APR 2017
AD-2-TXKF - 6	29 OCT 2026	AD-2 TXKF SID-RWY30 - 1	20 MAR 2025
AD-2-TXKF - 7	20 MAR 2025	AD-2 TXKF SID-RWY30 - 2	20 MAR 2025
AD-2-TXKF - 8	20 MAR 2025	AD 2 TXKF SID RWY30 DATA - 1	27 APR 2017
AD-2-TXKF - 9	29 OCT 2026	AD 2 TXKF SID RWY30 DATA - 2	27 APR 2017
AD-2-TXKF - 10	29 OCT 2026	AD-2 TXKF STAR RWY 12/30 MOMOM ONE - 1	20 MAR 2025
AD-2-TXKF - 11	29 OCT 2026	AD-2 TXKF STAR RWY 12/30 MOMOM ONE - 2	20 MAR 2025
AD-2-TXKF - 12	29 OCT 2026	AD-2 TXKF STAR RWY 12/30 MOMOM ONE data - 1	27 APR 2017
AD-2-TXKF - 13	29 OCT 2026	AD-2 TXKF STAR RWY 12/30 MOMOM ONE data - 2	27 APR 2017
AD-2-TXKF - 14	29 OCT 2026	AD-2 TXKF STAR RWY 12/30 POPOP ONE - 1	20 MAR 2025
AD-2 TXKF ADC - 1	29 OCT 2026	AD-2 TXKF STAR RWY 12/30 POPOP ONE - 2	20 MAR 2025
AD-2 TXKF ADC - 2	29 OCT 2026	AD-2 TXKF STAR RWY 12/30 POPOP ONE data - 1	27 APR 2017
AD-2 TXKF APDC A1 A7 - 1	20 MAR 2025	AD-2 TXKF STAR RWY 12/30 POPOP ONE data - 2	27 APR 2017
AD-2 TXKF APDC A1 A7 - 2	20 MAR 2025	AD-2 TXKF IAC ILS Y RWY30 - 1	20 MAR 2025
AD-2 TXKF APDC A3 - 1	20 MAR 2025	AD-2 TXKF IAC ILS Y RWY30 - 2	20 MAR 2025
AD-2 TXKF APDC A3 - 2	20 MAR 2025	AD-2 TXKF IAC ILS Z RWY30 - 1	20 MAR 2025
AD-2 TXKF APDC A4 - 1	27 NOV 2025	AD-2 TXKF IAC ILS Z RWY30 - 2	20 MAR 2025
AD-2 TXKF APDC A4 - 2	27 NOV 2025	AD-2 TXKF IAC RNAV GNSS RWY12 - 1	20 MAR 2025
AD-2 TXKF APDC A5 - 1	20 MAR 2025	AD-2 TXKF IAC RNAV GNSS RWY12 - 2	20 MAR 2025
AD-2 TXKF APDC A5 - 2	20 MAR 2025	AD-2 TXKF IAC RNAV GNSS RWY30 - 1	20 MAR 2025
AD-2 TXKF APDC A6 - 1	20 MAR 2025	AD-2 TXKF IAC RNAV GNSS RWY30 - 2	20 MAR 2025
AD-2 TXKF APDC A6 - 2	20 MAR 2025	AD-2 TXKF IAC VOR Y RWY12 - 1	20 MAR 2025
AD-2 TXKF AOC - 1	27 NOV 2025	AD-2 TXKF IAC VOR Y RWY12 - 2	20 MAR 2025
AD-2 TXKF AOC - 2	27 NOV 2025	AD-2 TXKF IAC VOR Z RWY12 - 1	20 MAR 2025
AD-2 TXKF SID-RWY12N - 1	20 MAR 2025	AD-2 TXKF IAC VOR Z RWY12 - 2	20 MAR 2025
AD-2 TXKF SID-RWY12N - 2	20 MAR 2025	AD-2 TXKF IAC VOR RWY30 - 1	20 MAR 2025
AD 2 TXKF SID RWY12N DATA - 1	27 APR 2017	AD-2 TXKF IAC VOR RWY30 - 2	20 MAR 2025
AD 2 TXKF SID RWY12N DATA - 2	27 APR 2017	AD-2 TXKF VAC - 1	20 MAR 2025
AD-2 TXKF SID-RWY12S - 1	20 MAR 2025	AD-2 TXKF VAC - 2	20 MAR 2025

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GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS

GEN 1.1 DESIGNATED AUTHORITIES

The designated authorities for civil aviation in Bermuda are listed below together with their addresses.

Note: L.F. Wade International Airport, Bermuda hours of operations are 0700-2300 local time.
Arrival PPR between 2300-0700 local time.
Departure PPR between 2200-0700 local time.
Bermuda does not use telexes.

1. CIVIL AVIATION

Postal Address:	Director General Bermuda Civil Aviation Authority PO Box HM 1363 Hamilton HMFX Bermuda
Physical Address:	Director General Bermuda Civil Aviation Authority 15 Gorham Road Pembroke HM08 Bermuda
Telephone:	1.441.293.1640
AFTN / AIS-R	TXKFYAYX
Internet	www.bcaa.bm

2. METEOROLOGICAL AUTHORITY

The Bermuda Civil Aviation Authority is the Meteorological Authority.
For contact information, refer to §1. CIVIL AVIATION, above.

3. NOTAM SERVICES

Postal Address:	Bermuda Weather Service P.O. Box GE 28 St. George's GE BX Bermuda
Telephone:	1.441.242.2403
Telefax	1.441.293.6658
AFTN / AIS-R	TXKFYNYX

4. METEOROLOGICAL SERVICES

Postal Address:	Bermuda Weather Service P.O. Box GE 28 St. George's GE BX Bermuda
Forecaster Telephone:	1.441.242.2402
Observer Telephone:	1.441.242.2403
Telefax	1.441.293.6658
Satellite Telephone:	011.8816.31452873 (required for emergency events)
AFTN / AIS-R	TXKFYMYX
Email	contact@weather.bm
Internet	www.weather.bm www.weather.bm/aviation

5. AIRPORT AUTHORITY

Postal Address:	Bermuda Airport Authority Building 332 East 11 Waller's Point Road St. George's DD03 Bermuda
Telephone:	1.441.242.2004
AFTN / AIS-R	TXKFDAOX
Email	ais@airportauthority.bm
Internet	www.airportauthority.bm

6. AERODROME OPERATIONS

Postal Address:	Bermuda Skyport Corporation Limited 2 Kindley Field Road St. George's DD03 Bermuda
Telephone:	1.441.444.4400
Airport Duty Officer:	1.441.444.4444
Internet	www.bermudaairport.com

7. CUSTOMS

Postal Address:	Collector of Customs H.M. Customs P.O. Box HM 2084 Hamilton HM HX Bermuda
Telephone:	1.441.293.4020 or 1.441.293.2424
Telefax	1.441.293.1418
Internet	www.gov.bm/department/customs

8. IMMIGRATION

Postal Address:	Chief Immigration Officer Department of Immigration P.O. Box HM 1364 Hamilton HM FX Bermuda
Telephone:	1.441.293.2542
Telefax	1.441.293.3151
Internet	www.gov.bm/department/immigration

9. HEALTH

Postal Address:	Chief Medical Officer Department of Health Old Hospital Building 7 Point Finger Road Paget, Bermuda
Telephone:	1.441.278.4976 or 1.441.232-1941
Telefax	1.441.236.3971
Internet	www.gov.bm/department/health

10. AGRICULTURAL QUARANTINE

Postal Address:	Director Department of Agriculture, Fisheries and Parks P.O. Box HM 834 Hamilton HM CX Bermuda
Telephone:	1.441.236.4201
Telefax	1.441.236.7582
Internet	www.gov.bm/department/environment-and-natural-resources

11. AIRCRAFT ACCIDENT INVESTIGATION

In Bermuda, the Governor has made Civil Aviation (Investigation of Air Accidents and Incidents) Regulations under Section 75 to the Civil Aviation Act 1982, as extended to the Overseas Territories by an Order in Council.

These Regulations are applied in Bermuda in order to implement and give effect to the Standards and Recommended Practices contained in Annex 13 to the Convention on International Civil Aviation 1944 (the Chicago Convention).

The Air Accidents Investigation Branch (AAIB) is the accident investigation authority for Bermuda for the purpose of carrying out investigations into accidents and serious incidents to which these Regulations apply. The Regulations may be accessed from:
https://bermudalaws.bm

12. EN-ROUTE AND AERODROME CHARGES

See information for Bermuda Airport Authority.

13. DIPLOMATIC CLEARANCES

Postal Address:	The Deputy Governor Deputy Governor's Office Government House 11 Langton Hill Pembroke HM 13 Bermuda
Telephone:	1.441.292.3600
Telefax	1.441.295.3823

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GEN 1.2 ENTRY, TRANSIT AND DEPARTURE OF AIRCRAFT

1. GENERAL

1.1 Flight in Bermuda airspace shall be conducted in accordance with United Kingdom Statutory Instrument 2001 No. 2128: The Air Navigation (Overseas Territories) Order 2013, as amended.

1.2 All operators of commercial air transport, be it under an AOC or FAR Parts 121 or 135, shall only utilise flight crew who are in conformity with the ICAO Annex 1 standard, namely that the operating pilots must not have attained, or exceeded, the age of 65 years on the date of the flight to Bermuda (TXKF).

1.3 The Bermuda Civil Aviation Authority charges for the issuance of foreign operator permissions applicable to all visiting FAR 135, FAR 91K, scheduled and non-scheduled air operations certificate operators into Bermuda. The charges are: single flight permit $500USD; six months unlimited visits for a single aircraft $2000USD; six months unlimited visits for up to ten declared aircraft $5000USD; for an amendment to a single listed aircraft (aircraft change) $250USD. All payments are to be made online via www.bcaa.bm and payment reference number submitted with the application form.

2. SCHEDULED FLIGHTS

2.1 Military Aircraft

a. All military flights must obtain slot time approval from the Aerodrome Operator.

b. Diplomatic Clearances
Military aircraft belonging to countries deemed “friendly” or part of the NATO alliance do not require diplomatic clearance to overfly or operate into Bermuda.

c. The United Nations classification of dangerous goods and munitions of war carried on any military aircraft must be declared to the Aerodrome Operator. For detailed information refer to GEN 1-4.

2.2 Commercial Aircraft

a. Commercial aircraft registered in countries that are contracting states to ICAO do not require prior permission from the Aerodrome Operator for overflying or landing in Bermuda. Prior permission from the Aerodrome Operator should be requested for aircraft flying ETOPs via Bermuda. Notification must be given to the Aerodrome Operator.
In addition, TXKF has not been evaluated to serve as an A380 alternate and no services are available. A380 landings are limited to emergency use only.

b. Commercial aircraft registered in countries that are not contracting states to ICAO must request diplomatic clearance from the Deputy Governor (address listed in GEN 1.1) for overflight of, or operations into, Bermuda at least seven (7) calendar days in advance of the planned flight.

3. NON-SCHEDULED FLIGHTS

Any request for take-off and or landing between 2300-0700 local time must submit the proper Prior Permission Request (PPR) 24 hours prior to the planned time of flight.

3.1 Reference 1.6.1 – 1.13 ICAO Annex 6 Part 2, 12th Edition Effective August 2026 (Non-Commercial Transport). See Bermuda Civil Aviation website www.bcaa.bm for clarification/wording Annex 6, Part 2.

3.2 Non-scheduled commercial flight operators, for hire or reward with either passengers or cargo to or from Bermuda, are required to obtain a Foreign Operator Permit under Article 135 of the Air Navigation (Overseas Territories) Order 2013 by submitting a Flight Permit Application to the Director General of the Bermuda Civil Aviation Authority and obtaining a non-scheduled flight permit. The Foreign Operator Flight Permit Application form is available on the Bermuda Civil Aviation Authority website at www.bcaa.bm

3.3 Notification of intent should be submitted to the Aerodrome Operator as soon as possible for transient flights requesting landing and requiring only technical services. The Aerodrome Operator may refuse permission for a technical landing if it appears that normal scheduled services cannot be properly accommodated.

4. PRIVATE FLIGHTS

Any request for take-off and or landing between the hours of 2300 and 0700 local time must submit the proper PPR 24 hours prior to the planned day of the flight.

4.1 Private aircraft do not require prior permission from the Aerodrome Operator for over flying or landing in Bermuda. However, private aircraft operators are strongly encouraged to notify the Aerodrome Operator prior to commencing flight to Bermuda and to include the department in the associated departure plan message.

4.2 Reference 1.6.1 – 1.13 ICAO Annex Part 2, 7th Edition Effective 18 Nov 2010 (Non-Commercial Transport). See Bermuda Civil Aviation website www.bcaa.bm for clarification/wording Annex 6, Part 2.

4.3 All flights at or above FL180 within New York Oceanic Control Area must be conducted in accordance with Instrument Flight Rules (IFR). Flight plan submission is mandatory.

5. PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT

5.1 No public health measures are required to be carried out with respect to aircraft entering Bermuda.

5.2 Temporary health formalities may be applied to meet unforeseen situations. These measures will be notified by NOTAM.

6. OVERFLYING OF RUSSIAN AIRCRAFT PROHIBITED

6.1 An airspace restriction issued by the Bermuda Civil Aviation Authority whereby no aircraft which is owned, chartered or operated by a person connected with Russia, or which is registered in Russia shall fly in Bermuda airspace, including in the airspace above the territorial sea. This regulation does not apply to any aircraft flying in accordance with permission from the UK Secretary of State for Transport.

GEN 1.5 AIRCRAFT INSTRUMENTS, EQUIPMENT AND FLIGHT DOCUMENTS

1. INSTRUMENTS, EQUIPMENT AND FLIGHT DOCUMENTS

1.1 Instruments

An aircraft shall not operate in Bermuda airspace, except under emergency conditions, unless it is equipped with functioning instrument systems in compliance with the certification requirements of the country in which it is registered.

1.2 Equipment

a. All aircraft other than gliders, when operating in controlled airspace, shall be equipped with radio navigation equipment capable of maintaining direct two-way communication with the appropriate aeronautical radio stations, unless the appropriate air traffic control unit approves otherwise and the aircraft complies with air traffic control instructions.

b. All aircraft other than gliders, when flying under Instrument Flight Rules in controlled airspace, shall be equipped with:

1. Radio navigation equipment capable of maintaining direct two-way communication with the appropriate aeronautical radio stations, unless the appropriate air traffic control unit approves otherwise and the aircraft complies with air traffic control instructions.

2. Secondary surveillance radar equipment, unless the appropriate air traffic control unit approves otherwise and the aircraft complies with air traffic control instructions.

3. Radio and navigation equipment capable of enabling the aircraft to be navigated along the intended route, unless the appropriate air traffic control unit approves otherwise and the aircraft complies with air traffic control instructions, including:

i. Automatic direction finding equipment,

ii. Distance measuring equipment, unless the aircraft is a non-public transport flying in Class D or Class E airspace; and

iii. VHF omni-range equipment,

iv. GNSS capable.

4. All visiting aircraft must be equipped with ACAS II (TCAS II version 7.1) in accordance with ICAO Annex 6 part 1 and 2 standards.
See notice details www.bcaa.bm.

1.3 Flight Documents

a. An aircraft shall not fly in Bermuda airspace unless it carries the documents that it is required to carry under the law of the country in which it is registered.

b. The commander of an aircraft shall, within a reasonable period after being requested to do so by an authorised person, cause to be produced to that person:

1. The certificates of registration and airworthiness in force in respect to the aircraft,

2. The licenses of its flight crew; and

3. Such other documents as the aircraft is required to carry when in flight under the law of the country in which it is registered.

2. EMERGENCY LOCATOR TRANSMITTER (ELT)

2.1 Aircraft conducting long-range over-water flights must be equipped with at least two ELTs, one of which shall be automatic, when the flight distance away from land suitable for making an emergency landing corresponds to more than:

a. 120 minutes at cruising speed or 740 kilometres (400 nautical miles), which ever is lesser, for aircraft having two or more engines, or

b. 30 minutes at cruising speed or 185 kilometres (100 nautical miles), which ever is lesser, for all other aircraft.

3. COMMUNICATIONS AND NAVIGATION REQUIREMENTS ON FLIGHTS TO BERMUDA

	PART 91	PART 135
Communication	2 x HF; or 1 x HF plus 2 x VHF and LOA (RVSM)	2 x HF (or 1 x HF with SATCOM as standby system) and OPS Spec ~ B45 (Single HF) WATRS = 1x HF
Navigation	2 x Long Range Navigation System (IRS or GNSS); or 1 x LRN in WATRS Oceanic Checklist	2 x Long Range Navigation System (IRS or GNSS) and a OPS Spec ~ B54 Oceanic Checklist
Fuel	Trip + 45 min holding + alternate; or Trip + 45 min holding + zero alternate (if weather is VMC at destination)	Trip + 2 hrs holding; or Trip + 45 min holding + alternate

NIL

2.9 ANNEX 9 - FACILITATION, Thirteenth Edition:

NIL

2.10 ANNEX 10 - AERONAUTICAL TELECOMMUNICATIONS

VOLUME I - Radio Navigation Aids, Sixth Edition:

NIL

VOLUME II - Communication Procedures including those with PANS Status, Sixth Edition:

NIL

VOLUME III - Communication Systems (Part I Digital Data Communications Systems; Part II - Voice Communications Systems), Second Edition:

NIL

VOLUME IV – Surveillance Radar and Collision Avoidance Systems, Fourth Edition:

NIL

VOLUME V – Aeronautical Radio Frequency Spectrum Utilization, Second Edition:

NIL

2.11 ANNEX 11 – AIR TRAFFIC SERVICES, Thirteenth Edition:

4.3.6.1 g) The ATIS at L.F. Wade International Airport currently reports weather information extracted from, and consistent with, the METAR and SPECI observations.

4.3.7 The ATIS at L.F. Wade International Airport currently broadcasts criteria in accordance with Annex 11 requirements except that:

4.3.7 a) The elements of information contained are not broadcast in the order listed.

4.3.7 b) Surface wind direction and speed is reported as a 10-minute mean value, and no wind lull information is broadcast.

2.12 ANNEX 12 – SEARCH AND RESCUE, Eighth Edition:

NIL

2.13 ANNEX 13 – AIRCRAFT ACCIDENT INVESTIGATION, Tenth Edition:

NIL

2.14 ANNEX 14 – AERODROMES

VOLUME I – Aerodrome Design and Operations, Seventh Edition:

3.4.3 To the south of the runway, particularly near the VOR/DME and further east approximately halfway along the runway strip, the semi-width of the 150 metres measured from the runway centreline to the edge of the runway strip includes approximately 25 metres extending over water.

3.5.4 The Runway End Safety Area (RESA) for Runway 30 forms an irre gular pentagon with two pairs of parallel sides, having a width of 150 metres, a length of 115 metres on its northern boundary, and a length of 240 metres on its southern boundary. The RESA for Runway 12 measures 150 metres in width and 230 metres in length. Neither RESA meets the ICAO recommended length of 240 metres.

3.9.7 The distance between the runway centerline and the parallel Taxiway A centerline is 152.5 metres and does not meet the ICAO recommended minima of 172.5 metres.

5.3.4.10 Runway 30 approach lights extend 450 meters from the runway threshold, constituting a difference from the requirement for the lights to extend over a distance of 900 meters from the threshold.

VOLUME II – Heliports, Third Edition:

NIL

2.15 ANNEX 15 – AERONAUTICAL INFORMATION SERVICES, Thirteenth Edition:

NIL

2.16 ANNEX 16 – ENVIRONMENTAL PROTECTION VOLUME I – Aircraft Noise, Sixth Edition:

NIL

VOLUME II – Aircraft Engine Emissions, Third Edition:

NIL

2.17 ANNEX 17 – SECURITY - SAFEGUARDING INTERNATIONAL CIVIL AVIATION AGAINST ACTS OF UNLAWFUL INTERFERENCE, Ninth Edition:

NIL

2.18 ANNEX 18 – THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR, Fourth Edition:

NIL

2.19 ANNEX 19 – SAFETY MANAGEMENT, First Edition:

NIL

3. OTHER ICAO DOCUMENTS

1. RULES OF THE AIR AND AIR TRAFFIC SERVICES DOC 4444-RAC/501/12, Fifteenth Edition:

NIL

GEN 2 TABLES AND CODES

GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKING, AND HOLIDAYS

1. UNITS OF MEASUREMENT

1.1 TABLE GEN 2.1.1 contains the units of measurement used by aeronautical stations within Bermuda.

TABLE GEN 2.1.1 Units of Measurement Used in Bermuda

Distances used for navigation, position reports,etc.	Metres*
Distances relating to an aerodrome, such as runway length	Feet
Altitudes, elevations and heights	Feet and Flight Levels
Horizontal speed, including wind speed	Knots
Vertical Speed	Feet per Minute
Wind direction broadcast by ATC prior to landing and take-off	Degrees Magnetic***
Wind direction, except ATC-broadcast wind direction prior to landing and take-off	Degrees True
Visibility	Metres
Visibility (RVR)	Metres
Altimeter Setting	Hectopascals **
Temperature	Degrees Celsius
Weight	Kilograms (KG) - pounds on request
Date/Time	Year, month, day, hour and minute. The 24-hour day begins at midnight Coordinated Universal Time (UTC).

* Metres (conversion formula: 1000 metres = 0.54 nautical mile).
** Altimeter provided in Inches of mercury upon request.
*** Provided as degrees true in ATIS broadcast.

2. TIME SYSTEM

2.1 All times shown within this AIP are expressed in UTC unless otherwise noted.

2.2 Bermuda air traffic control and communication services use UTC.

2.3 The nearest full minute is used when reporting time. For example, “11:25:31” is reported as “1126”.

2.4 Four hours must be subtracted from UTC (UTC -4) to obtain the local time (Atlantic Standard Time) from the first Sunday in November to the second Sunday in March.

2.5 Three hours must be subtracted from UTC (UTC-3) to obtain the local time (Atlantic Daylight Saving Time) from the second Sunday in March until the first Sunday in November.

3. GEODETIC REFERENCE DATUM

3.1 The World Geodetic Survey of 1984 (WGS-84) is the authorised geodetic reference datum in Bermuda. Geographical coordinates indicating latitude and longitude are expressed in terms of WGS-84. The application of WGS-84 is by survey or mathematical conversion of coordinates.

Coordinates are published accompanied by an asterisk to indicate information of low integrity when data was transformed mathematically into WGS-84 coordinates.

3.2 Accuracy

Coordinates are normally given to an accuracy of one-hundredth of one second of an arc, such that latitude is given with eight digits while longitude is given with nine digits. Coordinates are normally expressed in degrees, minutes, seconds, and hundredths of seconds.

February 2025 survey completed using EGM96 Datum.

4. AIRCRAFT NATIONALITY AND REGISTRATION MARKS

4.1 The nationality mark for aircraft registration in Bermuda is "VP-B, VQ-B" followed by combination of two or more letters (for example: VP-BSL).

5. PUBLIC HOLIDAYS

5.1 TABLE GEN 2.1.5 contains the public holidays observed in Bermuda.

Table GEN 2.1.5 - Bermuda Public Holidays

Name	2026	2027	2028	2029
New Year's Day [01 JAN]	THU 01 JAN 2026	FRI 01 JAN 2027	MON 03 JAN 2028*	MON 01 JAN 2029
Good Friday	FRI 03 APR 2026	FRI 26 MAR 2027	FRI 14 APR 2028	FRI 30 MAR 2029
Bermuda Day	FRI 22 MAY 2026	FRI 28 MAY 2027	FRI 26 MAY 2028	FRI 25 MAY 2029
National Heroes Day	MON 15 JUN 2026	MON 21 JUN 2027	MON 19 JUN 2028	MON 18 JUN 2029
Emancipation Day	THU 30 JUL 2026	THU 29 JUL 2027	THU 03 AUG 2028	THU 02 AUG 2029
Mary Prince Day	FRI 31 JUL 2026	FRI 30 JUL 2027	FRI 04 AUG 2028	FRI 03 AUG 2029
Labour Day	MON 07 SEP 2026	MON 06 SEP 2027	MON 04 SEP 2028	MON 03 SEP 2029
Remembrance Day [11 NOV]	WED 11 NOV 2026	THU 11 NOV 2027	MON 13 NOV 2028*	MON 12 NOV 2029*
Christmas Day [25 DEC]	FRI 25 DEC 2026	MON 27 DEC 2027*	MON 25 DEC 2028	TUE 25 DEC 2029
Boxing Day [26 DEC]	MON 28 DEC 2026*	TUE 28 DEC 2027*	TUE 26 DEC 2028	WED 26 DEC 2029

* Substitute day, due to the holiday occurring at a weekend

GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

The abbreviations used in this AIP are generally in accordance with those listed in ICAO Document 8400, Procedures for Air Navigation Services, ICAO Abbreviations and Codes.

* Asterisks accompany non-ICAO abbreviations.

A

AD	Aerodrome
ADC	Aerodrome Chart
ADIZ	Air Defence Identification Zone
AFTN	Aeronautical Fixed Telecommunications Network
AGL	Above Ground Level
AIC	Aeronautical Information Circular
AIP	Aeronautical Information Publication
AIRAC	Aeronautical Information Regulation and Control
AIS	Aeronautical Information Services
*ALSF	Approach Lighting System with Sequenced Flashing Lights
ALT	Altitude
AMDT	Amendment
AMSL	Above Mean Sea Level
AOC	Aerodrome Obstacle Chart
APDC	Aircraft Parking/Docking Chart
APR	April
*ARCAL	Aircraft Controlled Approach Lights
*ARFF	Aircraft Rescue and Fire Fighting
ARP	Aerodrome Reference Point
*ARTCC	Air Route Traffic Control Center
ASDA	Accelerate Stop Distance Available
ATC	Air Traffic Control
ATFM	Air Traffic Flow Management
ATIS	Automatic Terminal Information Service
ATS	Air Traffic Service
AUG	August
AVGAS	Aviation Gasoline
AWOS	Automated Weather Observing Station

B

BAA	Bermuda Airport Authority
BCAA	Bermuda Civil Aviation Authority
BDA	Bermuda
*BFRS	Bermuda Fire and Rescue Service
BRG	Bearing

C

*CAA	Civil Aviation Authority
CAVOK	Visibility, cloud and present weather better than prescribed values or conditions
CTA	Control Area
*CTAF	Common Traffic Advisory Frequency
CTR	Control Zone
CWY	Clearway

D

DEC	December
DH	Decision Height
DME	Distance Measuring Equipment

E

ELEV	Elevation
ELT	Emergency Locator Transmitter
ENR	En-route
*EU-OPS	European Union Operations

F

FAA	Federal Aviation Administration
FAF	Final Approach Fix
FEB	February
FIR	Flight Information Region
FL	Flight Level
FT	Feet

G

GEN	General
GND	Ground
GNSS	Global Navigation Satellite System
GP	Glide Path
GPS	Global Positioning System
*GS	Glideslope

H

H	Height
H24	Continuous day and night service
HDG	Heading
*HIRL	Bi-directional High Intensity White Runway Lights
HPA	Hectopascal

I

IAC	Instrument Approach Chart
IAF	Initial Approach Fix
ICAO	International Civil Aviation Organisation
IF	Intermediate Approach Fix
IFR	Instrument Flight Rules
ILS	Instrument Landing System
IMC	Instrument Meteorological Conditions
INOP	Inoperative
INTL	International

J

JAN	January
*JAR-OPS	Joint Aviation Requirements - Operations
JUL	July
JUN	June

K

KIAS	Knots Indicated Airspeed
KM	Kilometres
KTS	Knots
KG	Kilograms

L

L	
LAT	Latitude
LDA	Landing Distance Available
LGT	Light, Lighting
LMT	Local Mean Time
LNAV	Lateral Navigation
LOC	Localizer
LONG	Longitude

M

M	Metres
MAG	Magnetic
MAHF	Missed Approach Holding Fix
MAPT	Missed Approach Point
MAR	March
MAX	Maximum
MAY	May
MB	Millibars
MDA	Minimum Descent Altitude
MEA	Minimum En-route Altitude
MEHT	Minimum Eye Height over Threshold
METAR	Aerodrome Routine Meteorological Report
MHZ	Megahertz
MIN	Minute
*MIRL	Medium Intensity Runway Edge Lights
MNM	Minimum
MSA	Minimum Sector Altitude
MSL	Mean Sea Level

N

NIL	None or I have nothing to sent to you
NM	Nautical Miles
NOTAM	Notice To Airmen
NOV	November
NY	ARTCC New York Air Route Traffic Control Center

O

OCA	Oceanic Control Area
OCA	Obstacle Clearance Altitude
OCH	Obstacle Clearance Height
OCT	October
OFZ	Obstacle Free Zone
*OTAR	Overseas Territories Aviation Requirements

P

PAN-RAC	Procedures for Air Navigation Services Rules of the Air and Air Traffic Services
PAPI	Precision Approach Path Indicator
PCN	Pavement Classification Number
PCR	Pavement Classification Rating
PIB	Preflight Information Bulletin
PPR	Prior Permission Required

Q

QFE	Atmospheric Pressure at Aerodrome Elevation
*QNE	Altimeter Setting 29.92'' Hg or 1013.2 Mb
QNH	Altimeter subscale setting to obtain elevation when on the ground

R

RDH	Reference Datum Height
RESA	Runway End Safety Area
RNAV	Area Navigation
RNP	Required Navigation Performance
RVR	Runway Visual Range
RWY	Runway

S

SAR	Search and Rescue
SARPS	Standards and Recommended Practices
SEC	Second
SECT	Sector
SEP	September
SFC	Surface
SIGMET	Information concerning en route weather phenomena which may affect the safety of aircraft operations
*SM	Statute Miles
SPECI	Aerodrome Special Meteorological Report
SSR	Secondary Surveillance Radar
SUP	Supplement
SWY	Stopway
*SYNOP	Surface Synoptic Observation

T

TAA	Terminal Arrival Area
TAF	Aerodrome Forecast
*TCH	Threshold Crossing Height
TDZ	Touchdown Zone
THR	Threshold
TMA	Terminal Control Area
TODA	Take-off Distance Available
TORA	Take-off Run Available
TWR	Tower
TWY	Taxiway
TXKF	ICAO 4-Letter Code for L.F. Wade International Airport

U

UHF	Ultra High Frequency (300 to 3000 MHz)
UIR	Upper Flight Information Region
*UK	United Kingdom
*UKCAA	United Kingdom Civil Aviation Authority
*UN	United Nations
UNL	Unlimited
US	or USA United States of America
UTC	Coordinated Universal Time

V

VAR	Variation
VFR	Visual Flight Rules
*VGSI	Visual Glide Slope Indicator
VHF	Very High Frequency (30 to 300 MHz)
VMC	Visual Meteorological Conditions
VNAV	Vertical Navigation
VOLMET	Meteorological information for aircraft in flight
VOR	VHF Omnidirectional Radio Range

W

WAC	World Aeronautical Chart ICAO 1:1.000.000
WDI	Wind Direction Indicator
WGS-84	World Geodetic Survey of 1984
WPT	Waypoint

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GEN 2.7 SUNRISE/SUNSET TABLES

The following tables were generated using the United States Naval Observatory's World Wide Web site www.cnmoc.usff.navy.mil/usno/

The information is public domain and permission was not required.

1. 2026

1.1 Rise and Set for the Sun 2026

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2026		FEB 2026		MAR 2026		APR 2026		MAY 2026		JUN 2026		JUL 2026		AUG 2026		SEP 2026		OCT 2026		NOV 2026		DEC 2026	
Day	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset	Sunrise	Sunset
01	0720	1725	0713	1752	0646	1816	0607	1839	0532	1900	0513	1921	0515	1930	0533	1916	0554	1843	0613	1803	0636	1728	0702	1713
02	0720	1725	0712	1753	0645	1817	0606	1839	0531	1901	0512	1921	0516	1930	0534	1915	0554	1842	0613	1802	0637	1727	0703	1713
03	0721	1726	0711	1754	0644	1818	0604	1840	0530	1901	0512	1922	0516	1930	0535	1915	0555	1840	0614	1801	0638	1727	0704	1713
04	0721	1727	0711	1755	0643	1819	0603	1841	0529	1902	0512	1922	0517	1929	0535	1914	0556	1839	0615	1800	0638	1726	0705	1713
05	0721	1728	0710	1756	0641	1819	0602	1841	0528	1903	0512	1923	0517	1929	0536	1913	0556	1838	0615	1758	0639	1725	0705	1713
06	0721	1729	0709	1757	0640	1820	0601	1842	0528	1903	0512	1923	0518	1929	0537	1912	0557	1837	0616	1757	0640	1724	0706	1713
07	0721	1729	0708	1758	0639	1821	0559	1843	0527	1904	0511	1924	0518	1929	0537	1911	0558	1835	0617	1756	0641	1723	0707	1713
08	0721	1730	0708	1759	0638	1822	0558	1844	0526	1905	0511	1924	0519	1929	0538	1910	0558	1834	0618	1754	0642	1723	0708	1713
09	0721	1731	0707	1759	0636	1822	0557	1844	0525	1906	0511	1925	0519	1929	0539	1909	0559	1833	0618	1753	0643	1722	0709	1714
10	0721	1732	0706	1800	0635	1823	0556	1845	0524	1906	0511	1925	0520	1928	0539	1908	0559	1831	0619	1752	0644	1721	0709	1714
11	0721	1733	0705	1801	0634	1824	0554	1846	0524	1907	0511	1926	0520	1928	0540	1907	0600	1830	0620	1751	0645	1721	0710	1714
12	0721	1734	0704	1802	0633	1825	0553	1846	0523	1908	0511	1926	0521	1928	0541	1906	0601	1829	0620	1750	0645	1720	0711	1714
13	0721	1735	0703	1803	0631	1825	0552	1847	0522	1908	0511	1927	0521	1927	0542	1905	0601	1827	0621	1748	0646	1719	0711	1714
14	0720	1735	0702	1804	0630	1826	0551	1848	0521	1909	0511	1927	0522	1927	0542	1904	0602	1826	0622	1747	0647	1719	0712	1715
15	0720	1736	0701	1805	0629	1827	0549	1848	0521	1910	0511	1927	0523	1927	0543	1903	0603	1825	0623	1746	0648	1718	0713	1715
16	0720	1737	0700	1806	0628	1827	0548	1849	0520	1911	0511	1928	0523	1926	0544	1902	0603	1823	0623	1745	0649	1718	0713	1715
17	0720	1738	0659	1806	0626	1828	0547	1850	0519	1911	0512	1928	0524	1926	0544	1901	0604	1822	0624	1744	0650	1717	0714	1716
18	0720	1739	0658	1807	0625	1829	0546	1851	0519	1912	0512	1928	0524	1925	0545	1900	0604	1821	0625	1743	0651	1717	0714	1716
19	0719	1740	0657	1808	0624	1830	0545	1851	0518	1913	0512	1928	0525	1925	0545	1859	0605	1819	0626	1741	0652	1716	0715	1717
20	0719	1741	0656	1809	0622	1830	0544	1852	0518	1913	0512	1929	0526	1924	0546	1858	0606	1818	0626	1740	0653	1716	0716	1717
21	0719	1742	0655	1810	0621	1831	0543	1853	0517	1914	0512	1929	0526	1924	0547	1856	0606	1817	0627	1739	0654	1715	0716	1718
22	0718	1743	0654	1811	0620	1832	0541	1853	0516	1915	0512	1929	0527	1923	0547	1855	0607	1815	0628	1738	0654	1715	0717	1718
23	0718	1744	0653	1811	0619	1832	0540	1854	0516	1915	0513	1929	0528	1923	0548	1854	0608	1814	0629	1737	0655	1715	0717	1719
24	0717	1745	0652	1812	0617	1833	0539	1855	0515	1916	0513	1929	0528	1922	0549	1853	0608	1813	0629	1736	0656	1714	0717	1719
25	0717	1746	0651	1813	0616	1834	0538	1856	0515	1917	0513	1930	0529	1921	0549	1852	0609	1811	0630	1735	0657	1714	0718	1720
26	0716	1747	0650	1814	0615	1835	0537	1856	0515	1917	0514	1930	0529	1921	0550	1850	0610	1810	0631	1734	0658	1714	0718	1720
27	0716	1747	0649	1815	0613	1835	0536	1857	0514	1918	0514	1930	0530	1920	0551	1849	0610	1809	0632	1733	0659	1714	0719	1721
28	0715	1748	0647	1815	0612	1836	0535	1858	0514	1918	0514	1930	0531	1919	0551	1848	0611	1807	0633	1732	0700	1714	0719	1722
29	0715	1749			0611	1837	0534	1858	0513	1919	0515	1930	0531	1919	0552	1847	0611	1806	0633	1731	0700	1713	0719	1722
30	0714	1750			0609	1837	0533	1859	0513	1920	0515	1930	0532	1918	0553	1846	0612	1805	0634	1730	0701	1713	0720	1723
31	0713	1751			0608	1838			0513	1920			0533	1917	0553	1844			0635	1729			0720	1724

Add one hour for daylight time, if and when in use.

1.2 Civil Twilight for 2026

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2026		FEB 2026		MAR 2026		APR 2026		MAY 2026		JUN 2026		JUL 2026		AUG 2026		SEP 2026		OCT 2026		NOV 2026		DEC 2026	
Day	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End
01	0653	1752	0647	1818	0622	1841	0542	1903	0506	1926	0445	1949	0447	1958	0507	1943	0529	1908	0548	1828	0611	1754	0635	1740
02	0653	1752	0646	1819	0620	1842	0541	1904	0505	1927	0444	1949	0448	1958	0507	1942	0529	1907	0549	1827	0611	1753	0636	1740
03	0654	1753	0646	1820	0619	1842	0540	1905	0504	1928	0444	1950	0448	1958	0508	1941	0530	1905	0550	1825	0612	1752	0637	1740
04	0654	1754	0645	1820	0618	1843	0538	1906	0503	1928	0444	1951	0448	1958	0509	1940	0531	1904	0550	1824	0613	1751	0638	1740
05	0654	1755	0644	1821	0617	1844	0537	1906	0502	1929	0444	1951	0449	1958	0510	1939	0531	1903	0551	1823	0614	1750	0639	1740
06	0654	1755	0644	1822	0616	1845	0536	1907	0501	1930	0443	1952	0449	1957	0510	1938	0532	1901	0552	1821	0615	1750	0639	1740
07	0654	1756	0643	1823	0614	1845	0534	1908	0500	1931	0443	1952	0450	1957	0511	1937	0533	1900	0552	1820	0615	1749	0640	1740
08	0654	1757	0642	1824	0613	1846	0533	1908	0459	1932	0443	1953	0451	1957	0512	1936	0533	1859	0553	1819	0616	1748	0641	1740
09	0654	1758	0641	1825	0612	1847	0532	1909	0458	1932	0443	1953	0451	1957	0513	1935	0534	1857	0554	1818	0617	1748	0642	1741
10	0654	1759	0641	1826	0611	1848	0531	1910	0458	1933	0443	1954	0452	1956	0513	1934	0535	1856	0554	1817	0618	1747	0642	1741
11	0654	1759	0640	1826	0609	1848	0529	1911	0457	1934	0443	1954	0452	1956	0514	1933	0535	1855	0555	1815	0619	1746	0643	1741
12	0654	1800	0639	1827	0608	1849	0528	1911	0456	1935	0443	1955	0453	1956	0515	1932	0536	1853	0556	1814	0620	1746	0644	1741
13	0654	1801	0638	1828	0607	1850	0527	1912	0455	1935	0443	1955	0454	1955	0515	1931	0537	1852	0556	1813	0620	1745	0644	1742
14	0654	1802	0637	1829	0606	1850	0526	1913	0454	1936	0443	1955	0454	1955	0516	1930	0537	1851	0557	1812	0621	1745	0645	1742
15	0654	1803	0636	1830	0604	1851	0524	1914	0454	1937	0443	1956	0455	1954	0517	1929	0538	1849	0558	1811	0622	1744	0646	1742
16	0654	1804	0635	1831	0603	1852	0523	1914	0453	1938	0443	1956	0455	1954	0518	1928	0539	1848	0559	1810	0623	1744	0646	1743
17	0653	1805	0634	1831	0602	1853	0522	1915	0452	1938	0443	1956	0456	1953	0518	1927	0539	1847	0559	1808	0624	1743	0647	1743
18	0653	1805	0633	1832	0601	1853	0521	1916	0452	1939	0443	1957	0457	1953	0519	1925	0540	1845	0600	1807	0625	1743	0647	1743
19	0653	1806	0632	1833	0559	1854	0519	1917	0451	1940	0443	1957	0457	1952	0520	1924	0541	1844	0601	1806	0626	1742	0648	1744
20	0653	1807	0631	1834	0558	1855	0518	1917	0450	1941	0444	1957	0458	1952	0521	1923	0541	1842	0601	1805	0626	1742	0648	1744
21	0652	1808	0630	1835	0557	1856	0517	1918	0450	1941	0444	1957	0459	1951	0521	1922	0542	1841	0602	1804	0627	1742	0649	1745
22	0652	1809	0629	1835	0555	1856	0516	1919	0449	1942	0444	1958	0459	1951	0522	1921	0542	1840	0603	1803	0628	1741	0649	1745
23	0652	1810	0628	1836	0554	1857	0515	1920	0448	1943	0444	1958	0500	1950	0523	1919	0543	1838	0604	1802	0629	1741	0650	1746
24	0651	1811	0627	1837	0553	1858	0514	1921	0448	1944	0445	1958	0501	1949	0523	1918	0544	1837	0604	1801	0630	1741	0650	1746
25	0651	1812	0626	1838	0551	1858	0513	1921	0447	1944	0445	1958	0502	1949	0524	1917	0544	1836	0605	1800	0631	1741	0651	1747
26	0650	1813	0625	1839	0550	1859	0511	1922	0447	1945	0445	1958	0502	1948	0525	1916	0545	1834	0606	1759	0631	1741	0651	1748
27	0650	1813	0624	1839	0549	1900	0510	1923	0446	1946	0446	1958	0503	1947	0525	1914	0546	1833	0607	1758	0632	1740	0652	1748
28	0649	1814	0623	1840	0547	1901	0509	1924	0446	1946	0446	1958	0504	1946	0526	1913	0546	1832	0607	1757	0633	1740	0652	1749
29	0649	1815			0546	1901	0508	1924	0446	1947	0446	1958	0504	1946	0527	1912	0547	1830	0608	1756	0634	1740	0652	1749
30	0648	1816			0545	1902	0507	1925	0445	1948	0447	1958	0505	1945	0527	1911	0548	1829	0609	1755	0635	1740	0653	1750
31	0648	1817			0544	1903			0445	1948			0506	1944	0528	1909			0610	1754			0653	1751

Add one hour for daylight time, if and when in use.

2. 2027

2.1 Rise and Set for the Sun 2027

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2027		FEB 2027		MAR 2027		APR 2027		MAY 2027		JUN 2027		JUL 2027		AUG 2027		SEP 2027		OCT 2027		NOV 2027		DEC 2027	
Day	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
01	0720	1724	0713	1752	0646	1816	0607	1839	0532	1900	0513	1921	0515	1930	0533	1916	0554	1843	0613	1804	0636	1728	0702	1713
02	0720	1725	0712	1753	0645	1817	0606	1839	0531	1900	0512	1921	0516	1930	0534	1916	0554	1842	0613	1802	0637	1728	0703	1713
03	0721	1726	0712	1754	0644	1818	0605	1840	0531	1901	0512	1922	0516	1930	0535	1915	0555	1841	0614	1801	0637	1727	0704	1713
04	0721	1727	0711	1755	0643	1818	0603	1841	0530	1902	0512	1922	0517	1930	0535	1914	0556	1839	0615	1800	0638	1726	0704	1713
05	0721	1728	0710	1756	0642	1819	0602	1841	0529	1903	0512	1923	0517	1929	0536	1913	0556	1838	0615	1759	0639	1725	0705	1713
06	0721	1728	0709	1757	0640	1820	0601	1842	0528	1903	0512	1923	0518	1929	0537	1912	0557	1837	0616	1757	0640	1724	0706	1713
07	0721	1729	0709	1757	0639	1821	0600	1843	0527	1904	0511	1924	0518	1929	0537	1911	0557	1836	0617	1756	0641	1724	0707	1713
08	0721	1730	0708	1758	0638	1821	0558	1843	0526	1905	0511	1924	0519	1929	0538	1910	0558	1834	0617	1755	0642	1723	0708	1713
09	0721	1731	0707	1759	0637	1822	0557	1844	0525	1905	0511	1925	0519	1929	0539	1909	0559	1833	0618	1753	0643	1722	0708	1714
10	0721	1732	0706	1800	0636	1823	0556	1845	0525	1906	0511	1925	0520	1928	0539	1908	0559	1832	0619	1752	0643	1721	0709	1714
11	0721	1733	0705	1801	0634	1824	0555	1845	0524	1907	0511	1926	0520	1928	0540	1907	0600	1830	0619	1751	0644	1721	0710	1714
12	0721	1733	0704	1802	0633	1824	0553	1846	0523	1908	0511	1926	0521	1928	0541	1906	0601	1829	0620	1750	0645	1720	0710	1714
13	0721	1734	0703	1803	0632	1825	0552	1847	0522	1908	0511	1926	0521	1927	0541	1905	0601	1828	0621	1749	0646	1719	0711	1714
14	0721	1735	0702	1804	0630	1826	0551	1848	0522	1909	0511	1927	0522	1927	0542	1904	0602	1826	0622	1747	0647	1719	0712	1715
15	0720	1736	0702	1805	0629	1827	0550	1848	0521	1910	0511	1927	0522	1927	0543	1903	0602	1825	0622	1746	0648	1718	0712	1715
16	0720	1737	0701	1805	0628	1827	0549	1849	0520	1910	0511	1928	0523	1926	0543	1902	0603	1824	0623	1745	0649	1718	0713	1715
17	0720	1738	0700	1806	0627	1828	0547	1850	0519	1911	0512	1928	0524	1926	0544	1901	0604	1822	0624	1744	0650	1717	0714	1716
18	0720	1739	0659	1807	0625	1829	0546	1850	0519	1912	0512	1928	0524	1925	0545	1900	0604	1821	0625	1743	0651	1717	0714	1716
19	0719	1740	0658	1808	0624	1829	0545	1851	0518	1913	0512	1928	0525	1925	0545	1859	0605	1820	0625	1742	0652	1716	0715	1717
20	0719	1741	0656	1809	0623	1830	0544	1852	0518	1913	0512	1929	0525	1924	0546	1858	0606	1818	0626	1741	0652	1716	0715	1717
21	0719	1742	0655	1810	0621	1831	0543	1853	0517	1914	0512	1929	0526	1924	0547	1857	0606	1817	0627	1739	0653	1716	0716	1718
22	0718	1743	0654	1810	0620	1832	0542	1853	0517	1915	0512	1929	0527	1923	0547	1856	0607	1816	0628	1738	0654	1715	0716	1718
23	0718	1743	0653	1811	0619	1832	0541	1854	0516	1915	0513	1929	0527	1923	0548	1854	0607	1814	0628	1737	0655	1715	0717	1719
24	0717	1744	0652	1812	0618	1833	0540	1855	0516	1916	0513	1929	0528	1922	0549	1853	0608	1813	0629	1736	0656	1715	0717	1719
25	0717	1745	0651	1813	0616	1834	0539	1855	0515	1916	0513	1929	0529	1922	0549	1852	0609	1812	0630	1735	0657	1714	0718	1720
26	0716	1746	0650	1814	0615	1834	0537	1856	0515	1917	0514	1930	0529	1921	0550	1851	0609	1810	0631	1734	0658	1714	0718	1720
27	0716	1747	0649	1814	0614	1835	0536	1857	0514	1918	0514	1930	0530	1920	0550	1850	0610	1809	0632	1733	0659	1714	0719	1721
28	0715	1748	0648	1815	0612	1836	0535	1858	0514	1918	0514	1930	0531	1919	0551	1848	0611	1808	0632	1732	0659	1714	0719	1722
29	0715	1749			0611	1836	0534	1858	0514	1919	0515	1930	0531	1919	0552	1847	0611	1806	0633	1731	0700	1713	0719	1722
30	0714	1750			0610	1837	0533	1859	0513	1920	0515	1930	0532	1918	0552	1846	0612	1805	0634	1730	0701	1713	0720	1723
31	0714	1751			0608	1838			0513	1920			0533	1917	0553	1845			0635	1729			0720	1724

Add one hour for daylight time, if and when in use.

2.2 Civil Twilight for 2027

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2027		FEB 2027		MAR 2027		APR 2027		MAY 2027		JUN 2027		JUL 2027		AUG 2027		SEP 2027		OCT 2027		NOV 2027		DEC 2027	
Day	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End
01	0653	1752	0647	1818	0622	1841	0543	1903	0506	1926	0445	1949	0447	1958	0506	1943	0529	1908	0548	1828	0610	1754	0635	1740
02	0653	1752	0647	1818	0621	1841	0541	1904	0505	1927	0444	1949	0447	1958	0507	1942	0529	1907	0549	1827	0611	1753	0636	1740
03	0654	1753	0646	1819	0620	1842	0540	1905	0504	1927	0444	1950	0448	1958	0508	1941	0530	1906	0549	1826	0612	1752	0637	1740
04	0654	1754	0645	1820	0618	1843	0539	1905	0503	1928	0444	1951	0448	1958	0509	1941	0531	1904	0550	1824	0613	1751	0638	1740
05	0654	1754	0645	1821	0617	1844	0537	1906	0502	1929	0444	1951	0449	1958	0509	1940	0531	1903	0551	1823	0614	1751	0638	1740
06	0654	1755	0644	1822	0616	1844	0536	1907	0501	1930	0443	1952	0449	1957	0510	1939	0532	1902	0551	1822	0614	1750	0639	1740
07	0654	1756	0643	1823	0615	1845	0535	1908	0501	1931	0443	1952	0450	1957	0511	1938	0533	1900	0552	1821	0615	1749	0640	1740
08	0654	1757	0642	1824	0614	1846	0533	1908	0500	1931	0443	1953	0450	1957	0512	1937	0533	1859	0553	1819	0616	1748	0641	1740
09	0654	1758	0642	1825	0612	1847	0532	1909	0459	1932	0443	1953	0451	1957	0512	1936	0534	1858	0553	1818	0617	1748	0641	1741
10	0654	1758	0641	1825	0611	1847	0531	1910	0458	1933	0443	1954	0452	1956	0513	1935	0535	1856	0554	1817	0618	1747	0642	1741
11	0654	1759	0640	1826	0610	1848	0530	1911	0457	1934	0443	1954	0452	1956	0514	1934	0535	1855	0555	1816	0619	1747	0643	1741
12	0654	1800	0639	1827	0609	1849	0528	1911	0456	1934	0443	1955	0453	1956	0515	1932	0536	1854	0556	1814	0619	1746	0643	1741
13	0654	1801	0638	1828	0607	1850	0527	1912	0455	1935	0443	1955	0453	1955	0515	1931	0537	1852	0556	1813	0620	1745	0644	1742
14	0654	1802	0637	1829	0606	1850	0526	1913	0455	1936	0443	1955	0454	1955	0516	1930	0537	1851	0557	1812	0621	1745	0645	1742
15	0654	1803	0636	1830	0605	1851	0525	1913	0454	1937	0443	1956	0455	1955	0517	1929	0538	1850	0558	1811	0622	1744	0645	1742
16	0654	1804	0636	1830	0603	1852	0523	1914	0453	1938	0443	1956	0455	1954	0517	1928	0538	1848	0558	1810	0623	1744	0646	1743
17	0653	1804	0635	1831	0602	1853	0522	1915	0452	1938	0443	1956	0456	1954	0518	1927	0539	1847	0559	1809	0624	1743	0647	1743
18	0653	1805	0634	1832	0601	1853	0521	1916	0452	1939	0443	1957	0457	1953	0519	1926	0540	1845	0600	1808	0624	1743	0647	1743
19	0653	1806	0633	1833	0600	1854	0520	1917	0451	1940	0443	1957	0457	1953	0520	1925	0540	1844	0600	1806	0625	1743	0648	1744
20	0653	1807	0632	1834	0558	1855	0519	1917	0450	1941	0444	1957	0458	1952	0520	1923	0541	1843	0601	1805	0626	1742	0648	1744
21	0652	1808	0631	1834	0557	1855	0517	1918	0450	1941	0444	1957	0459	1951	0521	1922	0542	1841	0602	1804	0627	1742	0649	1745
22	0652	1809	0630	1835	0556	1856	0516	1919	0449	1942	0444	1958	0459	1951	0522	1921	0542	1840	0603	1803	0628	1742	0649	1745
23	0652	1810	0628	1836	0554	1857	0515	1920	0449	1943	0444	1958	0500	1950	0522	1920	0543	1839	0603	1802	0629	1741	0650	1746
24	0651	1811	0627	1837	0553	1857	0514	1920	0448	1943	0444	1958	0501	1949	0523	1919	0544	1837	0604	1801	0629	1741	0650	1746
25	0651	1811	0626	1838	0552	1858	0513	1921	0448	1944	0445	1958	0501	1949	0524	1917	0544	1836	0605	1800	0630	1741	0651	1747
26	0650	1812	0625	1838	0550	1859	0512	1922	0447	1945	0445	1958	0502	1948	0525	1916	0545	1835	0606	1759	0631	1741	0651	1747
27	0650	1813	0624	1839	0549	1900	0511	1923	0447	1946	0445	1958	0503	1947	0525	1915	0546	1833	0606	1758	0632	1740	0651	1748
28	0650	1814	0623	1840	0548	1900	0509	1923	0446	1946	0446	1958	0504	1947	0526	1913	0546	1832	0607	1757	0633	1740	0652	1749
29	0649	1815			0546	1901	0508	1924	0446	1947	0446	1958	0504	1946	0527	1912	0547	1831	0608	1756	0634	1740	0652	1749
30	0648	1816			0545	1902	0507	1925	0445	1948	0447	1958	0505	1945	0527	1911	0547	1829	0609	1756	0634	1740	0653	1750
31	0648	1817			0544	1902			0445	1948			0506	1944	0528	1910			0610	1755			0653	1751

Add one hour for daylight time, if and when in use.

3. 2028

3.1 Rise and Set for the Sun 2028

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2028		FEB 2028		MAR 2028		APR 2028		MAY 2028		JUN 2028		JUL 2028		AUG 2028		SEP 2028		OCT 2028		NOV 2028		DEC 2028	
Day	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
01	0720	1724	0713	1752	0646	1817	0606	1839	0532	1900	0512	1921	0516	1930	0534	1916	0554	1842	0613	1803	0636	1728	0703	1713
02	0720	1725	0712	1753	0644	1817	0605	1840	0531	1901	0512	1922	0516	1930	0534	1915	0555	1841	0614	1801	0637	1727	0703	1713
03	0720	1726	0712	1754	0643	1818	0604	1840	0530	1902	0512	1922	0517	1930	0535	1914	0555	1840	0614	1800	0638	1726	0704	1713
04	0721	1727	0711	1754	0642	1819	0602	1841	0529	1902	0512	1923	0517	1929	0536	1913	0556	1839	0615	1759	0639	1725	0705	1713
05	0721	1727	0710	1755	0641	1820	0601	1842	0528	1903	0512	1923	0517	1929	0536	1912	0557	1837	0616	1758	0640	1725	0706	1713
06	0721	1728	0710	1756	0640	1821	0600	1843	0527	1904	0511	1924	0518	1929	0537	1911	0557	1836	0616	1756	0641	1724	0707	1713
07	0721	1729	0709	1757	0638	1821	0559	1843	0526	1905	0511	1924	0518	1929	0538	1911	0558	1835	0617	1755	0642	1723	0707	1713
08	0721	1730	0708	1758	0637	1822	0557	1844	0526	1905	0511	1925	0519	1929	0538	1910	0559	1833	0618	1754	0642	1722	0708	1714
09	0721	1731	0707	1759	0636	1823	0556	1845	0525	1906	0511	1925	0519	1928	0539	1909	0559	1832	0619	1753	0643	1722	0709	1714
10	0721	1731	0706	1800	0635	1823	0555	1845	0524	1907	0511	1926	0520	1928	0540	1908	0600	1831	0619	1751	0644	1721	0710	1714
11	0721	1732	0705	1801	0633	1824	0554	1846	0523	1907	0511	1926	0521	1928	0540	1907	0600	1829	0620	1750	0645	1720	0710	1714
12	0721	1733	0705	1802	0632	1825	0552	1847	0522	1908	0511	1926	0521	1928	0541	1906	0601	1828	0621	1749	0646	1720	0711	1714
13	0721	1734	0704	1803	0631	1826	0551	1847	0522	1909	0511	1927	0522	1927	0542	1905	0602	1827	0621	1748	0647	1719	0712	1715
14	0721	1735	0703	1803	0629	1826	0550	1848	0521	1910	0511	1927	0522	1927	0542	1904	0602	1825	0622	1747	0648	1718	0712	1715
15	0720	1736	0702	1804	0628	1827	0549	1849	0520	1910	0511	1927	0523	1926	0543	1902	0603	1824	0623	1745	0649	1718	0713	1715
16	0720	1737	0701	1805	0627	1828	0548	1849	0520	1911	0511	1928	0523	1926	0544	1901	0603	1823	0624	1744	0650	1717	0714	1716
17	0720	1738	0700	1806	0626	1829	0547	1850	0519	1912	0512	1928	0524	1926	0544	1900	0604	1821	0624	1743	0650	1717	0714	1716
18	0720	1739	0659	1807	0624	1829	0545	1851	0518	1912	0512	1928	0525	1925	0545	1859	0605	1820	0625	1742	0651	1716	0715	1716
19	0719	1740	0658	1808	0623	1830	0544	1852	0518	1913	0512	1929	0525	1925	0546	1858	0605	1819	0626	1741	0652	1716	0715	1717
20	0719	1740	0657	1809	0622	1831	0543	1852	0517	1914	0512	1929	0526	1924	0546	1857	0606	1817	0627	1740	0653	1716	0716	1717
21	0719	1741	0656	1809	0620	1831	0542	1853	0517	1914	0512	1929	0527	1923	0547	1856	0607	1816	0627	1739	0654	1715	0716	1718
22	0718	1742	0655	1810	0619	1832	0541	1854	0516	1915	0513	1929	0527	1923	0548	1855	0607	1815	0628	1738	0655	1715	0717	1718
23	0718	1743	0654	1811	0618	1833	0540	1854	0516	1916	0513	1929	0528	1922	0548	1853	0608	1813	0629	1736	0656	1715	0717	1719
24	0718	1744	0652	1812	0617	1833	0539	1855	0515	1916	0513	1929	0528	1922	0549	1852	0609	1812	0630	1735	0657	1714	0718	1720
25	0717	1745	0651	1813	0615	1834	0538	1856	0515	1917	0513	1930	0529	1921	0550	1851	0609	1811	0631	1734	0658	1714	0718	1720
26	0717	1746	0650	1813	0614	1835	0537	1857	0514	1918	0514	1930	0530	1920	0550	1850	0610	1809	0631	1733	0658	1714	0719	1721
27	0716	1747	0649	1814	0613	1836	0536	1857	0514	1918	0514	1930	0530	1920	0551	1849	0610	1808	0632	1732	0659	1714	0719	1721
28	0716	1748	0648	1815	0611	1836	0535	1858	0514	1919	0514	1930	0531	1919	0552	1847	0611	1807	0633	1731	0700	1713	0719	1722
29	0715	1749	0647	1816	0610	1837	0534	1859	0513	1919	0515	1930	0532	1918	0552	1846	0612	1805	0634	1731	0701	1713	0720	1723
30	0714	1750			0609	1838	0533	1900	0513	1920	0515	1930	0532	1917	0553	1845	0612	1804	0635	1730	0702	1713	0720	1723
31	0714	1751			0607	1838			0513	1921			0533	1917	0554	1844			0636	1729			0720	1724

Add one hour for daylight time, if and when in use.

3.2 Civil Twilight for 2028

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2028		FEB 2028		MAR 2028		APR 2028		MAY 2028		JUN 2028		JUL 2028		AUG 2028		SEP 2028		OCT 2028		NOV 2028		DEC 2028	
Day	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End
01	0653	1751	0647	1817	0621	1841	0542	1904	0506	1926	0444	1949	0447	1958	0507	1943	0529	1907	0549	1827	0611	1753	0636	1740
02	0653	1752	0647	1818	0620	1842	0540	1904	0505	1927	0444	1950	0448	1958	0508	1942	0530	1906	0549	1826	0612	1752	0637	1740
03	0653	1753	0646	1819	0619	1843	0539	1905	0504	1928	0444	1950	0448	1958	0508	1941	0530	1905	0550	1825	0613	1752	0637	1740
04	0654	1754	0645	1820	0617	1844	0538	1906	0503	1929	0444	1951	0449	1958	0509	1940	0531	1903	0551	1823	0613	1751	0638	1740
05	0654	1754	0645	1821	0616	1844	0536	1907	0502	1930	0443	1952	0449	1957	0510	1939	0532	1902	0551	1822	0614	1750	0639	1740
06	0654	1755	0644	1822	0615	1845	0535	1907	0501	1930	0443	1952	0450	1957	0511	1938	0532	1901	0552	1821	0615	1749	0640	1740
07	0654	1756	0643	1823	0614	1846	0534	1908	0500	1931	0443	1953	0450	1957	0511	1937	0533	1859	0553	1820	0616	1749	0640	1740
08	0654	1757	0643	1823	0613	1847	0532	1909	0459	1932	0443	1953	0451	1957	0512	1936	0534	1858	0553	1818	0617	1748	0641	1741
09	0654	1757	0642	1824	0611	1847	0531	1910	0458	1933	0443	1953	0451	1956	0513	1935	0534	1857	0554	1817	0618	1747	0642	1741
10	0654	1758	0641	1825	0610	1848	0530	1910	0457	1934	0443	1954	0452	1956	0514	1934	0535	1855	0555	1816	0618	1747	0643	1741
11	0654	1759	0640	1826	0609	1849	0529	1911	0456	1934	0443	1954	0453	1956	0514	1933	0536	1854	0555	1815	0619	1746	0643	1741
12	0654	1800	0639	1827	0608	1849	0527	1912	0456	1935	0443	1955	0453	1955	0515	1932	0536	1853	0556	1814	0620	1746	0644	1741
13	0654	1801	0638	1828	0606	1850	0526	1913	0455	1936	0443	1955	0454	1955	0516	1931	0537	1851	0557	1812	0621	1745	0645	1742
14	0654	1802	0638	1829	0605	1851	0525	1913	0454	1937	0443	1956	0454	1955	0517	1929	0538	1850	0557	1811	0622	1744	0645	1742
15	0654	1802	0637	1829	0604	1852	0524	1914	0453	1937	0443	1956	0455	1954	0517	1928	0538	1849	0558	1810	0623	1744	0646	1742
16	0654	1803	0636	1830	0602	1852	0522	1915	0453	1938	0443	1956	0456	1954	0518	1927	0539	1847	0559	1809	0623	1744	0646	1743
17	0653	1804	0635	1831	0601	1853	0521	1916	0452	1939	0443	1957	0456	1953	0519	1926	0540	1846	0600	1808	0624	1743	0647	1743
18	0653	1805	0634	1832	0600	1854	0520	1916	0451	1940	0443	1957	0457	1953	0519	1925	0540	1844	0600	1807	0625	1743	0648	1744
19	0653	1806	0633	1833	0559	1854	0519	1917	0451	1940	0443	1957	0458	1952	0520	1924	0541	1843	0601	1806	0626	1742	0648	1744
20	0653	1807	0632	1833	0557	1855	0518	1918	0450	1941	0444	1957	0458	1951	0521	1922	0541	1842	0602	1805	0627	1742	0649	1745
21	0652	1808	0631	1834	0556	1856	0516	1919	0449	1942	0444	1957	0459	1951	0522	1921	0542	1840	0603	1804	0628	1742	0649	1745
22	0652	1809	0630	1835	0555	1857	0515	1919	0449	1943	0444	1958	0500	1950	0522	1920	0543	1839	0603	1802	0628	1741	0650	1746
23	0652	1809	0629	1836	0553	1857	0514	1920	0448	1943	0444	1958	0501	1950	0523	1919	0543	1838	0604	1801	0629	1741	0650	1746
24	0651	1810	0628	1837	0552	1858	0513	1921	0448	1944	0445	1958	0501	1949	0524	1918	0544	1836	0605	1800	0630	1741	0651	1747
25	0651	1811	0627	1837	0551	1859	0512	1922	0447	1945	0445	1958	0502	1948	0524	1916	0545	1835	0606	1759	0631	1741	0651	1747
26	0651	1812	0625	1838	0549	1859	0511	1923	0447	1945	0445	1958	0503	1947	0525	1915	0545	1834	0606	1759	0632	1740	0651	1748
27	0650	1813	0624	1839	0548	1900	0510	1923	0446	1946	0446	1958	0503	1947	0526	1914	0546	1832	0607	1758	0633	1740	0652	1749
28	0650	1814	0623	1840	0547	1901	0509	1924	0446	1947	0446	1958	0504	1946	0526	1913	0547	1831	0608	1757	0633	1740	0652	1749
29	0649	1815	0622	1841	0545	1902	0508	1925	0445	1947	0446	1958	0505	1945	0527	1911	0547	1830	0609	1756	0634	1740	0652	1750
30	0649	1816			0544	1902	0507	1926	0445	1948	0447	1958	0506	1944	0528	1910	0548	1828	0609	1755	0635	1740	0653	1751
31	0648	1817			0543	1903			0445	1949			0506	1943	0528	1909			0610	1754			0653	1751

Add one hour for daylight time, if and when in use.

4. 2029

4.1 Rise and Set for the Sun 2029

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2029		FEB 2029		MAR 2029		APR 2029		MAY 2029		JUN 2029		JUL 2029		AUG 2029		SEP 2029		OCT 2029		NOV 2029		DEC 2029	
Day	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
01	0720	1725	0713	1752	0646	1816	0607	1839	0532	1900	0512	1921	0516	1930	0534	1916	0554	1843	0613	1803	0636	1728	0702	1713
02	0720	1726	0712	1753	0645	1817	0605	1840	0531	1901	0512	1922	0516	1930	0534	1915	0555	1841	0614	1802	0637	1727	0703	1713
03	0721	1726	0711	1754	0643	1818	0604	1840	0530	1901	0512	1922	0516	1930	0535	1914	0555	1840	0614	1800	0638	1726	0704	1713
04	0721	1727	0710	1755	0642	1819	0603	1841	0529	1902	0512	1923	0517	1929	0536	1913	0556	1839	0615	1759	0639	1725	0705	1713
05	0721	1728	0710	1756	0641	1820	0601	1842	0528	1903	0512	1923	0517	1929	0536	1913	0556	1838	0616	1758	0640	1725	0706	1713
06	0721	1729	0709	1757	0640	1820	0600	1842	0527	1904	0512	1924	0518	1929	0537	1912	0557	1836	0616	1757	0640	1724	0706	1713
07	0721	1730	0708	1758	0639	1821	0559	1843	0527	1904	0511	1924	0518	1929	0538	1911	0558	1835	0617	1755	0641	1723	0707	1713
08	0721	1730	0707	1759	0637	1822	0558	1844	0526	1905	0511	1925	0519	1929	0538	1910	0558	1834	0618	1754	0642	1722	0708	1713
09	0721	1731	0706	1800	0636	1823	0556	1844	0525	1906	0511	1925	0519	1929	0539	1909	0559	1832	0618	1753	0643	1722	0709	1714
10	0721	1732	0706	1801	0635	1823	0555	1845	0524	1907	0511	1925	0520	1928	0540	1908	0600	1831	0619	1752	0644	1721	0709	1714
11	0721	1733	0705	1801	0634	1824	0554	1846	0523	1907	0511	1926	0520	1928	0540	1907	0600	1830	0620	1750	0645	1720	0710	1714
12	0721	1734	0704	1802	0632	1825	0553	1847	0523	1908	0511	1926	0521	1928	0541	1906	0601	1828	0621	1749	0646	1720	0711	1714
13	0721	1735	0703	1803	0631	1825	0552	1847	0522	1909	0511	1927	0522	1927	0542	1905	0601	1827	0621	1748	0647	1719	0712	1715
14	0720	1736	0702	1804	0630	1826	0550	1848	0521	1909	0511	1927	0522	1927	0542	1904	0602	1826	0622	1747	0648	1719	0712	1715
15	0720	1737	0701	1805	0629	1827	0549	1849	0520	1910	0511	1927	0523	1927	0543	1903	0603	1824	0623	1746	0648	1718	0713	1715
16	0720	1737	0700	1806	0627	1828	0548	1849	0520	1911	0511	1928	0523	1926	0544	1902	0603	1823	0623	1744	0649	1718	0713	1716
17	0720	1738	0659	1807	0626	1828	0547	1850	0519	1911	0512	1928	0524	1926	0544	1901	0604	1822	0624	1743	0650	1717	0714	1716
18	0719	1739	0658	1808	0625	1829	0546	1851	0519	1912	0512	1928	0525	1925	0545	1859	0605	1820	0625	1742	0651	1717	0715	1716
19	0719	1740	0657	1808	0623	1830	0545	1851	0518	1913	0512	1928	0525	1925	0546	1858	0605	1819	0626	1741	0652	1716	0715	1717
20	0719	1741	0656	1809	0622	1831	0543	1852	0517	1914	0512	1929	0526	1924	0546	1857	0606	1818	0626	1740	0653	1716	0716	1717
21	0718	1742	0655	1810	0621	1831	0542	1853	0517	1914	0512	1929	0526	1924	0547	1856	0606	1816	0627	1739	0654	1715	0716	1718
22	0718	1743	0654	1811	0619	1832	0541	1854	0516	1915	0513	1929	0527	1923	0548	1855	0607	1815	0628	1738	0655	1715	0717	1718
23	0718	1744	0653	1812	0618	1833	0540	1854	0516	1916	0513	1929	0528	1922	0548	1854	0608	1814	0629	1737	0656	1715	0717	1719
24	0717	1745	0652	1813	0617	1833	0539	1855	0515	1916	0513	1929	0528	1922	0549	1853	0608	1812	0630	1736	0656	1714	0718	1719
25	0717	1746	0650	1813	0616	1834	0538	1856	0515	1917	0513	1930	0529	1921	0550	1851	0609	1811	0630	1735	0657	1714	0718	1720
26	0716	1747	0649	1814	0614	1835	0537	1856	0514	1917	0514	1930	0530	1921	0550	1850	0610	1810	0631	1734	0658	1714	0718	1721
27	0716	1748	0648	1815	0613	1835	0536	1857	0514	1918	0514	1930	0530	1920	0551	1849	0610	1808	0632	1733	0659	1714	0719	1721
28	0715	1749	0647	1816	0612	1836	0535	1858	0514	1919	0514	1930	0531	1919	0551	1848	0611	1807	0633	1732	0700	1714	0719	1722
29	0715	1750			0610	1837	0534	1859	0513	1919	0515	1930	0532	1918	0552	1846	0612	1806	0634	1731	0701	1713	0719	1723
30	0714	1751			0609	1837	0533	1859	0513	1920	0515	1930	0532	1918	0553	1845	0612	1804	0634	1730	0702	1713	0720	1723
31	0713	1751			0608	1838			0513	1920			0533	1917	0553	1844			0635	1729			0720	1724

Add one hour for daylight time, if and when in use.

4.2 Civil Twilight for 2029

L.F.Wade International

Location W064 41, N32 22
Zone 4h West of Greenwich

	JAN 2029		FEB 2029		MAR 2029		APR 2029		MAY 2029		JUN 2029		JUL 2029		AUG 2029		SEP 2029		OCT 2029		NOV 2029		DEC 2029	
Day	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End
01	0653	1752	0647	1818	0621	1841	0542	1904	0506	1926	0445	1949	0447	1958	0507	1943	0529	1908	0548	1827	0611	1753	0636	1740
02	0653	1753	0646	1819	0620	1842	0541	1904	0505	1927	0444	1950	0448	1958	0508	1942	0530	1906	0549	1826	0612	1753	0636	1740
03	0654	1753	0646	1820	0619	1843	0539	1905	0504	1928	0444	1950	0448	1958	0508	1941	0530	1905	0550	1825	0612	1752	0637	1740
04	0654	1754	0645	1821	0618	1843	0538	1906	0503	1929	0444	1951	0449	1958	0509	1940	0531	1904	0550	1824	0613	1751	0638	1740
05	0654	1755	0644	1822	0617	1844	0537	1906	0502	1929	0444	1951	0449	1958	0510	1939	0532	1902	0551	1822	0614	1750	0639	1740
06	0654	1756	0644	1822	0615	1845	0535	1907	0501	1930	0443	1952	0450	1957	0511	1938	0532	1901	0552	1821	0615	1750	0640	1740
07	0654	1756	0643	1823	0614	1846	0534	1908	0500	1931	0443	1952	0450	1957	0511	1937	0533	1900	0552	1820	0616	1749	0640	1740
08	0654	1757	0642	1824	0613	1846	0533	1909	0459	1932	0443	1953	0451	1957	0512	1936	0534	1858	0553	1819	0616	1748	0641	1740
09	0654	1758	0641	1825	0612	1847	0531	1909	0458	1933	0443	1953	0451	1957	0513	1935	0534	1857	0554	1817	0617	1747	0642	1741
10	0654	1759	0640	1826	0610	1848	0530	1910	0457	1933	0443	1954	0452	1956	0513	1934	0535	1856	0554	1816	0618	1747	0642	1741
11	0654	1800	0640	1827	0609	1849	0529	1911	0457	1934	0443	1954	0452	1956	0514	1933	0536	1854	0555	1815	0619	1746	0643	1741
12	0654	1801	0639	1828	0608	1849	0528	1912	0456	1935	0443	1955	0453	1956	0515	1932	0536	1853	0556	1814	0620	1746	0644	1741
13	0654	1801	0638	1828	0607	1850	0526	1912	0455	1936	0443	1955	0454	1955	0516	1931	0537	1852	0557	1813	0621	1745	0644	1742
14	0654	1802	0637	1829	0605	1851	0525	1913	0454	1936	0443	1955	0454	1955	0516	1930	0537	1850	0557	1811	0622	1745	0645	1742
15	0654	1803	0636	1830	0604	1851	0524	1914	0453	1937	0443	1956	0455	1954	0517	1929	0538	1849	0558	1810	0622	1744	0646	1742
16	0654	1804	0635	1831	0603	1852	0523	1915	0453	1938	0443	1956	0456	1954	0518	1927	0539	1848	0559	1809	0623	1744	0646	1743
17	0653	1805	0634	1832	0602	1853	0522	1915	0452	1939	0443	1956	0456	1953	0519	1926	0539	1846	0559	1808	0624	1743	0647	1743
18	0653	1806	0633	1833	0600	1854	0520	1916	0451	1939	0443	1957	0457	1953	0519	1925	0540	1845	0600	1807	0625	1743	0647	1744
19	0653	1807	0632	1833	0559	1854	0519	1917	0451	1940	0443	1957	0458	1952	0520	1924	0541	1843	0601	1806	0626	1742	0648	1744
20	0653	1807	0631	1834	0558	1855	0518	1918	0450	1941	0444	1957	0458	1952	0521	1923	0541	1842	0602	1805	0627	1742	0649	1744
21	0652	1808	0630	1835	0556	1856	0517	1918	0449	1942	0444	1957	0459	1951	0521	1922	0542	1841	0602	1804	0627	1742	0649	1745
22	0652	1809	0629	1836	0555	1856	0516	1919	0449	1942	0444	1958	0500	1950	0522	1920	0543	1839	0603	1803	0628	1741	0650	1745
23	0652	1810	0628	1836	0554	1857	0514	1920	0448	1943	0444	1958	0500	1950	0523	1919	0543	1838	0604	1802	0629	1741	0650	1746
24	0651	1811	0627	1837	0552	1858	0513	1921	0448	1944	0445	1958	0501	1949	0523	1918	0544	1837	0605	1801	0630	1741	0650	1747
25	0651	1812	0626	1838	0551	1859	0512	1922	0447	1945	0445	1958	0502	1948	0524	1917	0545	1835	0605	1800	0631	1741	0651	1747
26	0650	1813	0625	1839	0550	1859	0511	1922	0447	1945	0445	1958	0502	1948	0525	1915	0545	1834	0606	1759	0632	1740	0651	1748
27	0650	1814	0624	1840	0548	1900	0510	1923	0446	1946	0446	1958	0503	1947	0526	1914	0546	1833	0607	1758	0632	1740	0652	1748
28	0649	1815	0622	1840	0547	1901	0509	1924	0446	1947	0446	1958	0504	1946	0526	1913	0546	1831	0608	1757	0633	1740	0652	1749
29	0649	1815			0546	1901	0508	1925	0446	1947	0446	1958	0505	1945	0527	1912	0547	1830	0608	1756	0634	1740	0652	1750
30	0648	1816			0544	1902	0507	1925	0445	1948	0447	1958	0505	1944	0528	1910	0548	1829	0609	1755	0635	1740	0653	1750
31	0648	1817			0543	1903			0445	1948			0506	1944	0528	1909			0610	1754			0653	1751

Add one hour for daylight time, if and when in use.

GEN 3.5 METEOROLOGICAL SERVICES

1. RESPONSIBLE SERVICE

1.1 The Bermuda Civil Aviation Authority is the Meteorological Authority while the Bermuda Airport Authority provides meteorological services through the Bermuda Weather Service.See Section GEN 1-1. Paragraph 3 for address.

1.2 Meteorological services are based upon ICAO Annex 3, Meteorological Service for International Air Navigation. Variations are posted in GEN-1.7 - LOCAL BERMUDA DIFFERENCES.

1.3 Meteorological service hours are continuous.

1.4 Meteorological services are provided in English only.

2. AREA OF RESPONSIBILITY

2.1 The Bermuda Weather Service is responsible for providing aeronautical meteorological services within a 10 NM radius of the L.F. Wade International Airport airport reference point (ARP).

3. METEOROLOGICAL OBSERVATIONS AND REPORTS

3.1 Station identifiers:

a. Station name: Bermuda Weather Service

b. ICAO location indicator: TXKF

3.2 Observation types and frequencies:

a. Surface Aviation Observations (SA) are conducted hourly at 5 minutes to the hour.

b. Special Surface Aviation Observations (SP) are conducted as required by ICAO Annex 3 and variations posted in Appendix A of this AIP.

c. Synoptic Observations (SM and SI) are conducted daily at 0000 UTC and every three hours thereafter.

d. Upper Air Observations (US, UL, or UE) are conducted at least once daily, twice with inclement weather and up to 6 times daily, based on requests from relevant agencies (e.g. US National Hurricane Center), at discretion of the director, BWS.

e. TAF issued every six hours (i.e., 0000 - 0600 - 1200 - 1800).

f. ATIS at L.F. Wade International Airport broadcast on frequency 119.600 MHz.

3.3 Observation transmittal codes:

a. Surface weather observations are transmitted in METAR, SPECI, and SYNOP codes.

b. Upper Air Observations are transmitted in TEMP code.

3.4 Observation systems:

1. Automated Weather Observing Station (AWOS)
    a. Wind
    b. Temperature
    c. Pressure
    d. Humidity
    e. Precipitation
    f. Solar Radiation
    g. Runway Visual Range (RVR)
2. Laser Ceilometer
3. Visibility Sensors
4. Lightning Detection
5. Present Weather/Visibility
6. Radiosonde
7. Weather Radar

3.5 Observation system locations:

1. Altimeter setting provided in hectopascals.
   Altimeter setting is also provided in inches of mercury upon request.
2. AWOS
   a. Windmast Number 1: Contains the temperature, pressure, humidity, wind, solar radiation and precipitation sensors.
      Located at the 12 end of the runway. 32°21.947'N 64°41.805'W.
   b. Windmast Number 2: Contains temperature, pressure, humidity and wind sensors.
      Located at the 30 end of the runway. 32°21.659'N 64°40.142'W.
3. Laser Ceilometer
   a. Located at the 12 end of the runway. 32°21.987'N 064°41.820'W.
   b. Located at the 30 end of the runway. 32°21.683'N 064°40.136'W.
4. Present Weather/Visibility Sensors
   a. Located at the 12 end of the runway. 32°21.964'N 064°41.678'W.
      Also contains background illumination sensor.
   b. Located at the 30 end of the runway. 32°21.712'N 064°40.128'W.
      Also contains background illumination sensor.
5. Lightning Detector is located at the 12 end of the runway. 32°21.964'N 064°41.835'W.
6. Radiosonde. Located at the Meteorological Instrument Compound to the north of the L.F. Wade Airport Control Tower.
7. Weather Radar.
   South of the runway at coordinates 32°21.072'N 064°29.476'W.

4. TYPES OF SERVICES

4.1 Bermuda Weather Service provides meteorological services in support of civil and military aviation.

4.2 Scheduled air carriers and military aircraft operators may request daily flight weather packets.

a. a) Flight weather packets include:
   1. Upper level (various flight levels) winds and temperatures.
   2. Significant weather prognostications (SIGWX).
   3. METAR/SPECI and Terminal Aerodrome Forecasts (TAF) for aircraft destination.
   4. METAR/SPECI and TAF for any alternate aerodromes.

b. Flight crews may receive personal briefings and consultation by visiting the weather office or via telephone 1.441.293.5067, extension 402.

c. Civil and military flight crews may also access flight weather packet information online at www.weather.bm/aviation.

4.3 Surface and upper air charts are displayed for briefing and consultation purposes.

4.4 Weather information is provided to Bermuda Control Tower and NY ARTCC on a routine basis.

5. NOTIFICATION REQUIRED FROM OPERATORS

5.1 A minimum of two hours advance notice is required for flight documentation.

5.2 No advance notice is required to schedule personal briefings or consultation.

6. AIRCRAFT REPORTS

6.1 There are no meteorological reporting points within the Bermuda Weather Service area of responsibility.

7. VOLMET SERVICE

7.1 Bermuda Weather Service does not provide VOLMET service.

8. SIGMET SERVICE

8.1 Bermuda Weather Service does not issue SIGMET.

8.2 SIGMET for the New York Oceanic FIR are issued by the MNO Kansas City.

9. OTHER AUTOMATED METEOROLOGICAL SERVICES

9.1 Satellite imagery receiving equipment.

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GEN 4 CHARGES FOR AERODROME AND AIR NAVIGATION SERVICES

GEN 4.1 AERODROME CHARGES

Charges shown are in US Dollars

1. LEGISLATED RATES/SECURITY

Aviation Security Fees - per departing passenger	
U.S Preclearance Passengers	$19.70 (shown as a separate item on the ticket)
Non-Preclearance Passengers	$19.70 (shown as a separate item on the ticket)

1.1 The actual cost for Security Charge for manpower at Hold Baggage Screening and Passenger Screening is divided amongst airlines.

2. LANDING FEES

Landing Fees - per 1000 pounds gross weight of aircraft	
an aircraft of a signatory airline (commercial, cargo only & combined).	$4.62 per 1000 pounds gross weight of aircraft
an aircraft of a non-signatory airline	$8.57 per 1000 pounds gross weight of aircraft
a general aviation aircraft	$8.57 per 1000 pounds gross weight of aircraft

2.1 During uncontrolled hours of operations:

a. BFRS/ARFF will be called out at CAT 9 (unless other provisions are prearranged and approved).

b. ATC service requests during uncontrolled hours is per pilot request at a rate of $150.00 per hour with a minimum of 3 hours.

c. Fixed Base Operators (FBO)/Ground Support shall be arranged directly with them.

d. For additional aerodrome related charges, contact the Bermuda Airport Authority for information.

3. PASSENGER SERVICE

Passenger Facility Charge Fees - per departing passenger	
For passengers traveling to, or through, the United States of America	$5.70 (shown as a separate item on the ticket)
For passengers traveling to other countries	$4.28 (shown as a separate item on the ticket)
Departure Tax	$68.62 (shown as a separate item on the ticket)

4. TERMINAL FEES

Commercial - per aircraft	
1-150,000 lbs	$103.18
150,001 - 300,000 lbs (cumulative)	$0.2279/1000 lbs
300,001 - 700,000 lbs	$0.3865/1000 lbs
over 700,00 lbs	$291.93

General aviation - per aircraft	
1-150,000 lbs	$103.18
150,001 - 300,000 lbs (cumulative)	$0.2279/1000 lbs
300,001 - 700,000 lbs	$0.3865/1000 lbs
over 700,000 lbs	$291.93

Commercial - per passenger	
In-transit passenger	$0.6422

General aviation - per passenger	
In-transit passenger	$1.0765
Arriving passenger	$1.70

5. PARKING FEES

Aircraft Parking Commercial/General aviation	
1-150,000 lbs	$35.70
150,001 - 300,000 lbs (cumulative)	$0.2392/1000 lbs
over 300,000 lbs	$0.2713/1000 lbs
Note: Over 3 hours	

6. CARGO CHARGES

Cargo charges	
Air cargo	$0.0364 per kilo

7. AIRPORT INFRASTRUCTURE CHARGE

Airport Infrastructure Charge	
Infrastructure Charge	$41.93 per departing passenger

8. COMMON USE TERMINAL EQUIPMENT FEE

Common Use Terminal Equipment Fee	
Common Use Terminal Equipment Charge	$2.49 per departing passenger

9. AVIATION FUEL THROUGHPUT FEE

Aviation Fuel Charge	
Fuel Throughput Fee	$0.1347 per gallon

10. AIR BRIDGE RENTAL CHARGE

Air Bridge Charge	
Air Bridge Charge	$168.21 per use

11. NIGHT OPERATIONS/NIGHT LIGHTING FEE

11.1 Currently not charged.

The airport operator may introduce a charge to cover the additional cost of handling flights operating during nighttime hours.

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GEN 4.2 AIR NAVIGATION SERVICES CHARGES

Charges shown are in US Dollars.

1. AIR NAVIGATION SERVICE CHARGES

Air Navigation Service Charge	
Navigation Service Charge	$3.15 per departing passenger

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ENR 1.2 VISUAL FLIGHT RULES

Visual Flight Rules (VFR) flights in Bermuda airspace shall be conducted in accordance with the provisions of ICAO Annex 2, Chapter 4, as applicable, and the Air Navigation (Overseas Territories) Order 2013 (AN(OT)O), as amended.

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ENR 1.3 INSTRUMENT FLIGHT RULES

1. GENERAL PROCEDURES

1.1 IFR flights shall be conducted in accordance with the provisions of ICAO Annex 2, Chapter 5, as applicable, and the Air Navigation (Overseas Territories) Order 2013 (AN(OT)O), as amended. Separation standards and procedures applied by the NY ARTCC are in accordance with FAA Order JO 7110.65, Air Traffic Control.

2. SPECIAL PROCEDURES

2.1 Longitudinal separation minima are established and applied to aircraft operating enroute to the L.F. Wade International Airport, Bermuda TMA in accordance with FAA and ICAO standards and recommended practices for oceanic control by NY ARTCC. TMA arriving and departing L.F. Wade International Airport, Bermuda, is under Bermuda Tower/ATC.

2.2 Lateral separation minima are established and applied to aircraft operating enroute to the L.F. Wade International Airport, Bermuda TMA in accordance with FAA and ICAO standards and recommended practices for oceanic control by NY ARTCC. TMA arriving and departing L.F. Wade International Airport, Bermuda, is under Bermuda Tower/ATC.

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ENR 5.5 AERIAL SPORTING AND RECREATIONAL ACTIVITIES

No aerial sports or recreational activities are permitted in the vicinity of the aerodrome without prior written approval from both the Governor and the holder of the aerodrome certificate.

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