

AD 2. AERODROME

TNCE AD 2.1 AERODROME LOCATION INDICATOR AND NAME

TNCE - F.D. ROOSEVELT AIRPORT

TNCE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat : 172947.460N Long : 0625846.190W Site : RWY midpoint
2	Direction and distance from (city)	032° magnetic (018° true) - 1 NM from Oranjestad
3	Elevation/Reference Temperature	40M (131FT) / 31.0 °C
4	Geoid undulation at AD ELEV PSN	
5	MAG VAR/Annual change	-14 °(2012) -2
6	AD Administration, address, telephone,telefax, telex, AFS	AD Administration: Executive Council of the Island of St. Eustatius Postal address: Airport Manager F.D. Roosevelt Airport Concordia St. Eustatius, Dutch Caribbean Tel: (+599) 318-2887 Telefax: (+599) 318-2887 or 318-2914
7	Types of traffic permitted (IFR/VFR)	VFR
8	Remarks	Reference Temperature: JUN - OCT. Aerodrome operates under VMC only.

TNCE AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	1100 to 2100 UTC
2	<i>Customs and Immigration</i>	AD OPR HRS
3	<i>Health and Sanitation</i>	NA
4	<i>AIS Briefing Office</i>	NA
5	<i>ATS Reporting Office (ARO)</i>	Competent ATS unit: ARO TNCM
6	<i>MET Briefing Office</i>	H24
7	<i>ATS</i>	1100 to 0100 UTC in VMC only
8	<i>Fuelling</i>	AD OPR HRS
9	<i>Handling</i>	AD OPR HRS
10	<i>Security</i>	1030 to 0000 UTC
11	<i>De-icing</i>	NA
12	<i>Remarks</i>	

TNCE AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo-handling facilities</i>	AVBL
2	<i>Fuel/Oil types</i>	Jet fuel; Also AVGAS 100 LL Fuel AVB, Daily BTN 1100 - 2130UTC.
3	<i>Fuelling facilities/capacity</i>	Fuel truck
4	<i>De-icing facilities</i>	NIL
5	<i>Hangar Space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	Light aircraft only
7	<i>Remarks</i>	

TNCE AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	Available in Oranjestad
2	<i>Restaurants</i>	Available in Oranjestad
3	<i>Transportation</i>	Taxis and rental cars
4	<i>Medical facilities</i>	First aid treatment hospital in Oranjestad
5	<i>Bank and Post Office</i>	Available in Oranjestad
6	<i>Tourist Office</i>	Available in Oranjestad
7	<i>Remarks</i>	

TNCE AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	<i>AD Category for fire fighting</i>	CAT 5
2	<i>Rescue equipment</i>	1 rapid intervention vehicle at the airport, 1 crash tender, 1 city truck
3	<i>Capability for removal of disabled aircraft</i>	Crane on request
4	<i>Remarks</i>	

TNCE AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	<i>Types of clearing equipment</i>	NIL
2	<i>Clearance priorities</i>	NIL
3	<i>Remarks</i>	NIL

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

1	<i>Apron surface and strength</i>	APRON : Type of surface: ASPH
2	<i>Taxiway width, surface and strength</i>	TWY Width: 15 M Type of surface: ASPH Strength: Nil
3	<i>Altimeter checkpoint location and elevation</i>	Apron; 124 ft AMSL.
4	<i>VOR Checkpoints</i>	NIL
5	<i>INS Checkpoints</i>	NIL
6	<i>Remarks</i>	

TNCE AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Taxiway guide lines
2	<i>RWY and TWY markings and LGT</i>	Runway and Taxiway markings and lights
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	

TNCE AD 2.10 AERODROME OBSTACLES

<i>In approach/TKOF areas</i>			<i>In circling area and at AD</i>		<i>Remarks</i>
<i>1</i>			<i>2</i>		<i>3</i>
RWY NR/ Area affected	Obstacle type/ Elevation Markings/LGT	Coordinates	Obstacle type/ Elevation Markings/LGT	Coordinates	Nil
<i>a</i>	<i>b</i>	<i>c</i>	<i>a</i>	<i>b</i>	
06	Red hazard light 343 ft	17 29 22.56N 062 59 44.35W	Terrain 950 ft	17 31 15.00N 062 59 50.00W	
	Red hazard light 721 ft	17 29 40.74N 062 59 21.97W			
	Red hazard light 329 ft	17 30 02.94N 062 59 00.35W			
	Terrain 1978 ft	17 29 00.00N 062 57 40.00W			
	Antenna 931 ft	17 28 44.77N 062 58 13.33W			
	Antenna 351 ft	17 28 50.46N 062 58 47.35W			
	Antenna 236 ft	17 29 01.79N 062 59 13.05W			
	Terrain 512 ft	17 29 05.38N 062 58 26.30W			
	Terrain 767 ft	17 29 43.73N 062 59 24.82W			

TNCE AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	De Bilt, Royal Netherlands Meteorological Institute (KNMI)
2	<i>Hours of service</i> <i>MET Office outside hours</i>	H24
3	<i>Office responsible for TAF preparation</i> <i>Periods of validity</i>	NIL
4	<i>Type of landing forecast</i> <i>Interval of issuance</i>	NA
5	<i>Briefing / consultation provided</i>	Briefing and consultation on request by telephone from Mo De Built (see #10).
6	<i>Flight documentation</i> <i>Language(s) used</i>	English
7	<i>Charts and other information available for briefing or consultatio</i>	P,W
8	<i>Supplementary equipment available for providing information</i>	NA

9	<i>ATS units provided with information</i>	Roosevelt AFIS, Juliana ATS
10	<i>Additional information (limitation of service, etc.)</i>	<p>A General Aviation Forecast (GAF) is available on the website www.meteosxm.com under aviation</p> <p>Briefing and consultation at KNMI Telephone: +31 30 2210853 Website www.knmidec.org</p> <p>Meteorological antenna with two obstruction red lights is located 350 meters eastward from runway threshold 06, and 125 meters north from runway centerline.</p>

TNCE AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations RWY NR</i>	<i>TRUE BRG</i>	<i>Dimension of RWY (M)</i>	<i>Strength(PCN) and surface of RWY and SWY</i>	<i>THR coordinates RWY end coordinates THR geoid undulation</i>	<i>THR elevation and highest elevation of TDZ of precision APP RWY</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
RWY 06	64°	1302 x 30	ASPH	172933.96N 0625903.20W	THR 40 m (131 ft)
RWY 24	244°	1302 x 30	ASPH	173000.95N 0625829.17W	THR 29 m (96 ft)

<i>Slope of RWY-SWY</i>	<i>SWY Dimensions (M)</i>	<i>CWY Dimensions (M)</i>	<i>Strip Dimension (M)</i>	<i>OFZ</i>	<i>Remarks</i>
<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>
NIL			1422 x 150		No RESA available
NIL			1422 x 150		No RESA available

TNCE AD 2.13 DECLARED DISTANCES

<i>RWY designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
RWY 06	1302	1302	1302	1302	Nil
RWY 24	1302	1302	1302	1302	Nil

TNCE AD 2.14 APPROACH AND RUNWAY LIGHTING

<i>RWY designator</i>	<i>APCH LGT Type LEN INTST</i>	<i>THR LGT Colour WBAR</i>	<i>VASIS (MEHT)P API</i>	<i>TDZ LGT, LEN</i>	<i>RWY Centre line LGT, Length, spacing, colour, INTST</i>	<i>RWY edge LGT LEN, spacing colour INTST</i>	<i>RWY End LGT colour WBAR</i>	<i>SWY LGT LEN (M) colour</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
RWY 06	SALS	GREEN	PAPI			60 m WHITE			Nil
RWY 24			Nil						Nil

TNCE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN: Aerodrome Beacon located on top of AFIS, signal lights colors are White and Green. Operational hours of Beacon: From sunset until the last schedule flight which is about 23.30 - 00.00 UTC and during poor visibility.
2	<i>LDI location and LGT Anemometer location and LGT</i>	LDI: NA NA
3	<i>TWY edge and centreline lighting</i>	Edge: TWY edge lights, Blue
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply AVBL, automatic switch over <2 sec.
5	<i>Remarks</i>	NIL

TNCE AD 2.16 HELICOPTER LANDING AREA

1	<i>Coordinates TLOF or THR of FATO Geoid undulation</i>	N/A
2	<i>TLOF and/or FATO elevation M/FT</i>	N/A
3	<i>TLOF and FATO area dimensions, surface, strength, marking</i>	N/A
4	<i>True BRG of FATO</i>	N/A
5	<i>Declared distances available</i>	N/A
6	<i>APP and FATO lighting</i>	N/A
7	<i>Remarks</i>	N/A

TNCE AD 2.17 ATS AIRSPACE

1	<i>Designator and lateral limits</i>	Roosevelt ATZ Circle with radius 5 NM from ARP
2	<i>Vertical limits</i>	GND / 2600 FT
3	<i>Airspace classification</i>	G
4	<i>ATS unit callsign Language(s)</i>	Roosevelt Information English
5	<i>Transition altitude</i>	5000 FT
6	<i>Remarks</i>	

TNCE AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service designation</i>	<i>Call sign</i>	<i>Frequency</i>	<i>Hours of Operation</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
AFIS	Roosevelt Information	118.10 MHZ	1100-2400 UTC in VMC only	Nil
		121.50 MHZ	1100-2400 UTC	Emergency frequency

TNCE AD 2.19 RADIO NAVIGATION AND LANDING AIDS

<i>Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS, give declination)</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Position of transmitting antenna coordinates</i>	<i>Elevation of DME transmitting antenna</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
NDB	PJE	235.0 kHz		17°29'14.79"N 62°59'27.02"W	Info Not AVBL	Coverage 100 NM

TNCE AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Parking area for small aircraft (General aviation)

General aviation aircraft shall be guided to the parking area by the AFISO.

2. Parking area for helicopters

The parking area for helicopters is on the apron.

TNCE AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

TNCE AD 2.22 FLIGHT PROCEDURES

1. GENERAL

All General Aviation and non-scheduled airlines intending to operate flights within Roosevelt ATZ shall file a flight Plan in accordance with ICAO standards.

Unless special permission has been obtained from Roosevelt Information, flights within Roosevelt ATZ shall be in accordance with VFR.

2. DEPARTURE PROCEDURES

2.1 Introduction

Only aerodrome flight information service and alerting service (in accordance with the provisions of ICAO Annex 11, Chapter 5) will be provided by Roosevelt Information.

Air traffic control service will be provided as soon as the aircraft enters controlled airspace.

2.2 Start-up and taxi permission

Pilots of aircraft intending to make an IFR or VFR flight must have obtained permission for start-up from Roosevelt Information before starting their engines. A request for start-up shall be made to Roosevelt Information after all preparations for departure have been made and shall include:

- aircraft identification;
- position;
- flight rules;
- destination;
- start-up request.

2.3 Flights outside Roosevelt ATZ

2.3.1 General

After co-ordination with Juliana APP permission for start-up will either be issued immediately or at a specified time.

The pilot shall be able to comply with start-up and taxi permission, since ATC planning of outbound traffic (involving en route clearance and co-ordination with adjacent ACCs) is based on the start-up time. Any delay in start-up or taxiing shall be immediately reported to Roosevelt Information.

In case of indefinite delay the estimated duration of the delay will be given.

2.3.2 En route clearance

The en route clearance will be issued by Juliana APP to Roosevelt Information and will be relayed by Roosevelt Information to departing aircraft as soon as possible after taxi permission has been given. An en route clearance contains:

- a. Clearance limit: airport of destination;
- b. SSR code;
- c. ATC unit and COM channel on which the aircraft shall report as soon as possible after take-off.

Departure instructions if applicable.

2.3.3 Standard instrument departures

Not defined.

2.3.4 ATC unit and COM channel after take-off

Aircraft shall contact Juliana APP as soon as possible after take-off and before encountering IMC, in order to obtain an IFR clearance before entering controlled airspace.

2.3.5 Communication failure

If radio communication is not established the aircraft shall return to the aerodrome of departure maintaining VMC and report its arrival as soon as possible to Roosevelt Information.

3. INSTRUMENT APPROACH PROCEDURES

3.1 Introduction

The arrival, instrument approach and holding procedures are based on ICAO Document 8168- (PANS-OPS).

During initial and intermediate approach to Roosevelt Airport, radar services may be provided by Juliana APP.

Transfer of communication to Roosevelt Information generally takes place before leaving controlled airspace, within the range of Roosevelt Information.

Air traffic control service will generally be terminated when leaving controlled airspace.

Only aerodrome flight information service and alerting service (in accordance with the provisions of ICAO Annex 11, Chapter 5) will be provided by Roosevelt Information, although all actions have been taken by the ATC units concerned to guarantee separation from other flights during the instrument approach procedure (incl. missed approach) before the flight is transferred to Roosevelt Information and leaves controlled airspace.

3.2 Initial approach

3.2.1 Approach instructions

Approach instructions will be issued by Juliana APP, containing:

- a. Clearance limit, route and level.
- b. Runway in use.
- c. QNH.
- d. Transition level.
- e. MET information.
- f. Runway condition.

3.2.2 Transfer to Roosevelt Information

Generally during the intermediate approach Juliana APP will issue a clearance to carry out an instrument approach procedure. Transfer of communication to Roosevelt Information will normally take place before reaching the IAF.

3.3 Final approach procedure

The instrument approaches to RWY 06 and 24 are based on RNAV (GNSS) and NDB, as depicted on the relevant instrument approach charts AD 2.TNCE-IAC-19.

3.4 Missed approach procedure (with or without communication failure)

See relevant approach charts AD 2.TNCE-IAC-21 and AD 2.TNCE-IAC-23. Inform ATC as soon as possible on the current channel in case the missed approach procedure has to be executed.

3.5 Communication failure

Juliana APP shall instruct aircraft en-route to relay flight details to Roosevelt Information as soon as practicable.

TNCE AD 2.23 ADDITIONAL INFORMATION

NIL