

## GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS

### GEN 1.1 DESIGNATED AUTHORITIES

The addresses of the designated authorities concerned with the facilitation of international air navigation are as follows:

1. CIVIL AVIATION

Chairman

Civil Aviation Authority of Bangladesh

Headquarters, Kurmitola, Dhaka-1229, Bangladesh

Telephone : 88-02- 8901400

Fax : 88-02-8901411

AFS : VGHQYAYX

E-mail : [caab@bracnet.net](mailto:caab@bracnet.net),

The details of other sections in CAAB HQ are given in the table below:

| Name of the sections        | Telephone Nr. | Fax Nr.       | E-mail               |
|-----------------------------|---------------|---------------|----------------------|
| Flight Safety & Regulations | 88-02-8901406 | 88-02-8901418 | dfs@caab.gov.bd      |
| Air Traffic Services        | 88-02-8901404 | 88-02-8901428 | datsaero@caab.gov.bd |
| Communications              | 88-02-8901403 | 88-02-8901428 | dcom@caab.gov.bd     |

2. METEOROLOGY

Director

Bangladesh Meteorological Department,

Abhawa Bhaban, Agargaon,

Dhaka-1207, Bangladesh.

Telephone : 88-02-8144968, 88-02-9123838

Fax : 88-02-8118230, , 88-02-9119230, 88-02-9103908

AFS : VGHSYMYX

E-mail :info@bmd.gov.bd, swc@bmd.gov.bd

3. CUSTOMS

Commissioner of Customs

Customs Excise & Vat

Dhaka South, 160/A IDEB Bhaban, Kakrail, Dhaka-1000.

Bangladesh.

Telephone : 88-02-8355964

Fax : 88-02-8315459

AFS : NIL

4. IMMIGRATION

Director General Immigration and Passports,

Agargaon, Dhaka-1207, Bangladesh.

Telephone : 88-02- 8159878, 9123399

Fax : 88-02-9142210

AFS : NIL



5. HEALTH

Secretary  
Ministry of Health and Population Control,  
Health Division,  
Govt. of the People's Republic of Bangladesh,  
Bangladesh Secretariat  
Dhaka-1000.  
Telephone : 88-02-7166979.  
Telefax : 88-02-8619077  
AFS : NIL

6. AIRPORT CHARGES

Chairman,  
Civil Aviation Authority of Bangladesh  
Headquarters, Kurmitola, Dhaka-1229,  
Telephone : 88-02-8901400  
Telefax : 88-02-8901411  
AFS : VGHQYAYX  
E-mail : chairman@caab.gov.bd

7. PLANT QUARANTINE

Director, Plant Protection Wing,  
Department of Agricultural  
Extension, Khamar Bari,  
Dhaka, Bangladesh  
Telephone : 88-02-9131295  
Telefax : 88-02-9111554  
E-mail : dppw@dac.gov.bd  
AFS : NIL

8. AIRCRAFT ACCIDENTS INVESTIGATION

Chairman,  
Civil Aviation Authority of Bangladesh  
Headquarters, Kurmitola, Dhaka-1229,  
Bangladesh.  
Telephone : 88-02-8901400  
Telefax : 88-02-8901411  
AFS : VGHQYAYX

→ **GEN 1.3 Entry, Transit and Departure of Passengers and Crew.**

**1. Immigration Requirements**

1.1 Passport and visa:

1.1.1 Restricted entry: The government of Bangladesh refuses admission and transit to nationals of Israel.

1.1.2 Passport: Passport valid for 3 months after departure required by all.

1.1.3 Visa: Required by all except the following:

(a) Antigua & Barbuda, Bahamas, Bhutan, Dominica, Fiji, Gambia, Grenada, Guinea-Bissau, Jamaica, Guyana, Honduras, Lesotho, Malawi, Maldives, Montserrat, Papua New Guinea, St Kitts & Nevis, St Lucia, St Vincent & the Grenadines, Seychelles, Solomon Islands, Uruguay, Vatican City and Zambia for stays of up to 90 days.

→ (b) Transit passengers continuing their journey on the same day for first connecting aircraft provided holding valid onward or return documentation and not leaving the airport.

(c) Tourist and business travelers arriving at any international airport in Bangladesh provided holding return air tickets, who may be granted 'landing permission' by the Chief Immigration Officer for stays of up to 15 days.

Note: Visas are not required by Bangladesh nationals nor by former Bangladesh nationals holding British passports provided they have the statement 'no visa required for travel to Bangladesh' stamped in their passport by the Bangladesh high Commission.

1.1.4 Types of Visa: Entry, Visit, Tourist and Entry visas may be issued for short conference or journalistic trips(although not for business trips).

1.1.4.1 Validity: Single- and Double-entry: 6 months from date of issue. Multiple-entry : 6-12 months from date of issue . Stays are for a maximum of 90 days each.

1.1.5 Valid Passports are required for nationals of all countries to visit Bangladesh. Passports are not required for the holders of identity certificate, Laissez-Passer issued by the United Nations and its affiliated Bodies, Continuous Discharge Certificate/Nullius/Seaman Book (when traveling on duty).

1.1.7 In all cases, foreigners are required to fill up an embarkation/disembarkation-cum-health card available at the entry-point with the following additions:-

- (a) i) For arriving passengers-intended address/addresses.  
ii) For passengers leaving-last addresses.
- (b) Purpose of visit.
- (c) Proposed Length of stay in Bangladesh and place visited (with approximate dates).
- (d) Passport Number.
- (e) Place and date of issue of passport.

- 1.1.8 No registration and exit permit is required by a foreigner who visits Bangladesh. Foreigners are required to obtain road permit from the Director General, Immigration and Passports, Dhaka, if they intend to take their exit from the country by road.
- 1.1.9 Where a flight crew member on a scheduled service retains his license in his possession when disembarking, and remains at the airport where the aircraft has stopped or within the confines of the adjacent city, and departs on the same aircraft or on his next regularly scheduled flight out of Bangladesh, his crew member license or crew certificate is accepted in lieu of a passport or visa for temporary admission into Bangladesh, only if the said certificate or license is issued by a country with whom a Bilateral Agreement exists.

## 2 **Customs Requirements.**

- 2.1 On arrival and departure of aircraft all passengers and crew shall present themselves personally with their baggage to Customs and make a declaration of currency on a prescribed form supplied by customs at the declaration counter on arrival. The form must be retained. On departure this form should be re-submitted to Customs showing the balance of foreign and local currency remaining in his possession.
- 2.2 Restriction on the movement of cash currency in and out of Bangladesh is in force.
- 2.3 Any unaccompanied baggage following should be notified to the Customs officer on the appropriate form before the passenger departs from the Customs hall.

## 3. **Public Health Requirements.**

- 3.1 The entry and departure of an aircraft infected or suspected to be infected with infectious diseases is governed by the Aircraft (Public Health) Rules, 1950.
- 3.2 Aircraft coming from the West except India and Sri Lanka are considered to be suspected of yellow fever infection until they were inspected by the Health Officer and the passengers and crew have been medically examined.
- 3.3 The Commander of an aircraft coming to Bangladesh is required to send a health report to the authorities at the aerodrome where it intends to land, so as to reach them at least two hours before landing, stating whether there is any person on board the aircraft suffering from any illness and whether during the voyage there has been a case of infectious disease.
- 3.4 The procedures enforced in regard to aircraft to itself is that the pilot is required to produce the journey log book or any other documents showing the previous months and the date and place of its desensitization. An aircraft will be regarded "CLEAR", if-
- its log shows that it has been disinfected in accordance with Schedule VIII of the Aircraft (Public Health) Rules, 1950, after its last departure from or its landing in a yellow fever infected area;
  - it has not landed anywhere in a yellow fever infected area during the present journey;
  - no non-vaccinated person coming from any yellow fever infected area has gone in board the aircraft en-route for Bangladesh during the 9 days following the date on which the aircraft left yellow fever infected area.

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**GEN 1.7 DIFFERENCES FROM ICAO STANDARDS, RECOMMENDED PRACTICES AND PROCEDURES.**

**LIST OF DIFFERENCES**

1. **ANNEX 1- PERSONNEL LICENSING**  
NIL

2. **ANNEX 2 -RULES OF THE AIR**

2.1 **Flight Plan**

- a) Flight Plan Form as prescribed by ICAO in DOC-4444- ATM is used for the preparation and submission of flight plans.
- b) The simultaneous mode of addressing ATS messages is used.  
The step by step mode will not be followed.
- c) Multiple flight plans in lieu of a “THROUGH FLIGHT PLAN” will be accepted only in respect of flights whose first departure point is in Bangladesh. An intermediate stop flight plan for the next individual stage will be accepted only when filed within 2 hours before ETD.

2.2 **Procedures for the submission of a flight plan**

2.2.1 **Requirement to submit a Flight Plan**

Written Flight plan shall be filed with the appropriate ATS units for all flights prior to departure.

*Exceptions and special procedures*

a) **Local flights :**

- i) Local flights at all uncontrolled aerodromes in control zones and at all controlled aerodromes must file a flight plan prior to departure by any available means with the appropriate ATS unit;
  - ii) Local flights at all uncontrolled aerodromes outside control zones may be undertaken without a flight plan provided they are operated during day in VMC below 1,000 feet;  
Note: A local flight is a flight conducted wholly in the vicinity of an aerodrome i.e. take-off from an aerodrome, remain in the traffic circuit and land back at the same aerodrome.
- (b) Flight departing from aerodrome (controlled or uncontrolled) in accordance with the multiple flight plan previously filed at a controlled aerodrome i.e. separate flight plan for each stage of the flight through intermediate stops filed at the aerodrome of first departure need not re-submit a flight plan.
  - (c) Other flights departing from an uncontrolled aerodrome may file a flight plan prior to departure by any available means of communication with the FIC or a controlled aerodrome.  
Note: Flight departing from an uncontrolled aerodrome within a control zone, shall operate in accordance with instructions from the appropriate ATC unit. Such instructions shall be obtained prior to departure by any available means of communication.
  - (d) Under exceptional circumstances submission of Flight Plan during a flight may be accepted by the appropriate ATS unit at least ten minutes prior to estimated entry to controlled airspace.

2.3 **Submission of Flight Plans before departure:**

Flight Plans will be accepted within two hours prior to departure. Flight Plans should be submitted at least sixty minutes before departure.

In the event of delay of one hour in excess of the proposed departing time of flight for which a Flight has been submitted, the flight plan should be amended or a new flight plan submitted.

2.4 **Meteorological Briefing:**

Requirement for submitting flight plan at Chittagong Airport by Bangladesh registered aircraft originated from HSIA may be waived provided that the aircraft is returning to HSIA within 8 (eight) hours. It will however, be incumbent upon the Pilot-in-Command or his designated representative to obtain meteorological briefing for the return flight also, before departure from Dhaka. It will be imperative, however, for the Pilot-in-Command to obtain and satisfy himself with necessary meteorological information when :

- a) The return flight is delayed beyond the stipulated eight hours, irrespective of weather.
- b) Bad weather prevails en-route or at destination, irrespective of stipulated eight hours.

2.5 From Para 2 to 2.3 above are the difference from ANNEX 2.

2.6 PROCEDURES FOR AIR NAVIGATION SERVICES, RULES OF THE AIR AND AIR TRAFFIC SERVICES (DOC 4444- ATM/501)

| <u>Reference</u> | <u>Difference</u> |
|------------------|-------------------|
|------------------|-------------------|

Part VIII

2.6.1 Flight plans i. e. separate Flight Plans for each stage of the flight through intermediate stops may be filed at the aerodrome of first departure only in respect of flights whose first departure point is in Bangladesh.

2.7. Repetitive Flight Plan System

Not introduced.

3. **ANNEX 3- METEOROLOGICAL SERVICE FOR INTERNATIONAL AIR NAVIGATION.**  
NIL

→ 4. **ANNEX 4- AERONAUTICAL CHARTS, 11<sup>th</sup> edition**

Chapter 2 General Specifications

Rec 2.18 The CAAB's sheet size of the charts is A4 and A3.

Std.2.18.2.2 Geoid undulation is not shown on the charts produced by CAAB.

Chapter 3 Aerodrome Obstacle Chart- ICAO type A (operating limitations)

Std 3.4.2 various optimum scales are utilized.

Std 3.8.1.1 1 per cent slope is used with 1.2 per cent.

Std 3.8.2.1 b)

Std 3.9.1 Order of accuracy attained is not shown.

Chapter 4 Aerodrome Obstacle chart ICAO type B.

Std 4.1 CAAB does not produce an Aerodrome Obstacle Chart- ICAO type B.

Chapter 5 Aerodrome Obstacle chart ICAO type C.

Std 5.1 CAAB does not produce an Aerodrome Obstacle Chart- ICAO type C.

Chapter 9 Standard departure Chart- Instrument (SID)- ICAO

Std 9.7 CAAB does not produce Standard departure Chart- Instrument (SID)- ICAO.

Chapter 10 Standard Arrival Chart- Instrument (STAR)- ICAO

Std 10.1 CAAB does not produce Standard Arrival Chart- Instrument (STAR)-ICAO.

Chapter 11 Instrument Approach Chart-ICAO

Rec 11.4 The sheet size is 210mmX 297 mm (A4) size.

Rec 11.10.3 Heights may be related to THR elevation or Touchdown zone elevation.

Std 11.10.7.2 Only the minimum descent altitude (MDA) or minimum descent height (MDH) are shown.

Chapter 12 Visual Approach Charts- ICAO

Std 12.1 The Visual Approach Charts- ICAO is not produced by CAAB.

Chapter 13 Aerodrome / Heliport Chart – ICAO

Std 13.1 The separate Heliport not available in Bangladesh. That's why Heliport chart is not produced.

Std 13.6.1 a. Geoid undulations are not shown.

b. Stopways and clearways markings are not shown.

c. Geographical coordinates of geometric centre of touchdown are not shown.

d. The boundaries of the air traffic control service.

Chapter 14 Aerodrome Ground Movement Charts- ICAO.

Std 14.1 Aerodrome Ground Movement Charts- ICAO is not produced by CAAB.

Chapter 15 Aircraft parking / docking Chart-ICAO.

Rec 15.2 CAAB does not produced aircraft parking/ docking chart-ICAO.

Rec 15.5.2 The annual change of magnetic variation is not shown.

Chapter 16 World Aeronautical Charts -ICAO 1: 1000 000.

Std 16.1 The world aeronautical chart- ICAO 1:1000 000 is not produced by CAAB.

Chapter 17 Aeronautical Charts-ICAO 1:500,000.

Std 17.1 The aeronautical chart- ICAO 1:500 000 is not produced by produced by CAAB.

Chapter 18 Aerodrome Navigation Charts- ICAO Small Scale.

Std 18.1 The aeronautical navigation chart- ICAO small scale is not produced by CAAB.

Chapter 19 Plotting Charts – ICAO.

Std 19.1 The plotting charts –ICAO is not produced by CAAB.

Chapter 20 Electronic Chart display - ICAO.

Std 20.1 The electronic aeronautical chart display- ICAO is not produced by CAAB.

Chapter 21 ATC Surveillance Minimum Altitude Chart-ICAO.

Rec 21.2 The ATC Surveillance Minimum Altitude Chart-ICAO is not produced by CAAB.

5. **ANNEX 5-** UNITS OF MEASUREMENT TO BE USED IN AIR AND GROUND OPERATIONS, 4<sup>th</sup> edition.

NIL

6. **ANNEX 6-** OPERATION OF AIRCRAFT, Part I, 9<sup>th</sup> edition.

NIL

**ANNEX 6-** OPERATION OF AIRCRAFT, Part II, 7<sup>th</sup> edition.

NIL

**ANNEX 6-** OPERATION OF AIRCRAFT, Part III, 7<sup>th</sup> edition.

NIL

7. **ANNEX 7-** AIRCRAFT NATIONALITY AND REGISTRATION MARKS, 6<sup>th</sup> edition.

NIL

8. **ANNEX 8-** AIRWORTHINESS OF AIRCRAFT, 11<sup>th</sup> edition.

NIL

- **9. ANNEX 9- FACILITATION, 13<sup>th</sup> edition.**
- 9.1 The name of flight crew members are required on the general declaration on entry & departure of the aircraft.
- 9.2 Embarking passenger's manifests are required.
- 9.3 Five copies of the general declaration, five copies of passenger manifest & three copies of the cargo manifests are required.
- 9.4 Documents are to be furnished in English.
- 9.5 Tourist cards are issued temporarily to tourists intending to visit restricted areas.
- 9.6 At present four types of visas are issued by the Government of Bangladesh.
- (a) **Simple Journey Visas.** Simple journey visas are granted for a period of 3 months valid for utilization up to six months from the date of issue.
- (b) **Multiple Journey Visas.** Multiple journey visas are issued to bona fide business people valid for six journeys in a calendar year allowing 3 months stay in Bangladesh on each visit.
- (c) **Re-entry Visas.** Persons who enter Bangladesh with a valid Visa and wish to leave the country with the intention of coming back may have a Re-entry Visa from Department of Immigration and Passports.
- (d) **Transit Visas.** It is issued from Bangladesh missions abroad with fifteen days stay in Bangladesh.
- (e) **Direct Transit.** No Visa required.
- 9.7 It is in the interest of resident aliens to obtain Re-entry Visa from the Department of Immigration and Passports Acceptable subject to these limitations.
- 9.8 Temporary visitors are required to report their arrival and departure to the immigration authorities, so that the record of their entry and exit is maintained Acceptable subject to these limitations.
- 9.9 In Embarkation /Disembarkation Card, the following information is required:-
- (a) (i) For arriving passengers, address/addresses.  
(ii) For Passengers leaving, last address.
- (b) Purpose of visit.
- (c) Proposed length of stay in Bangladesh and places visited (with approximate dates).
- (d) Passport Number.
- (e) Place and date of issue of Passport.
- 9.10 Constantly under review.
- 9.11 Separate documents are required.
- 9.12 Documentation is required for all imports.
- 9.13 In cases of urgency, documentation is dispensed with.
- 9.14 Written declaration is required for unaccompanied baggage on form "A" supplied by Customs on arrival.
- 9.15 Acceptable subject to eventual re-export.
- 9.16 Acceptable subject to reservations filed by Bangladesh on the application of International Sanitary Regulations or any other similar agreements.
- 10. ANNEX 10- AERONAUTICAL TELECOMMUNICATIONSNIL**



- 11. **ANNEX 11- AIR TRAFFIC SERVICES**  
NIL
- 12. **ANNEX 12- SEARCH AND RESCUE**  
NIL
- 13. **ANNEX 13 - AIRCRAFT ACCIDENT INVESTIGATION**  
NIL
- 14. **ANNEX 14- AERODROME**  
NIL
- 15. **ANNEX 15- AERONAUTICAL INFORMATION SERVICES**  
NIL
- 16. **ANNEX 16- ENVIRONMENTAL PROTECTION**  
NIL
- 17. **ANNEX 17- SECURITY SAFEGUARDING INTERNATIONAL CIVIL AVIATION**  
NIL
- 18. **ANNEX 18- THE SAFE TRANSPORTATION OF DANGEROUS GOODS BY AIR**  
NIL
- 19. **ANNEX 19- SAFETY MANAGEMENT SYSTEM**  
NIL

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**GEN 2. TABLES AND CODES****GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS****1. Units of Measurement.**

The table of units of measurement shown below will be used by aeronautical stations within DHAKA FIR for air and ground operations:

| For Measurement of   | Units used   |
|--|--|
| Distance used in navigation, position reporting, etc. generally in excess of 2 to 3 nautical miles.          | Nautical Miles   |
| Relatively short distance such as those relating to aerodromes, (e.g. runway lengths).                       | Meters   |
| Altitudes elevations and heights   | Feet or Meters   |
| Horizontal speed including wind speed  | Knots  |
| Vertical Speed   | Feet per minute  |
| Wind direction for landing and take-off  | Degrees Magnetic   |
| Wind direction except for landing and take-off   | Degrees True   |
| Visibility including RVR   | Kilometers or Meters   |
| Altimeter setting  | Hectopascal  |
| Temperature  | Degrees Celsius  |
| Weight   | Kilograms.   |
| Time   | Hours and Minutes, the day of 24 hours beginning at Midnight UTC |
| International nautical miles for which conversion into meters is given by : 1 international NM = 1852 meters |  |

**2. TIMES SYSTEM.**

- 2.1 Coordinated Universal Time (UTC) is used in the Air Navigation Services and in publications issued by the Aeronautical Information Services.
- 2.2 In reporting time, the nearest full minute is used e.g. 12 hrs 40 min 40 sec is reported 1241.
- 2.3 Time checks to aircraft are accurate within plus or minus 30 sec.
- 2.4 Local time in Bangladesh is UTC plus 6 hours.

### **3. GEODETIC REFERENCE DATUM**

#### **3.1 Name/designation of datum.**

All published geographical co-ordinates in the Dhaka FIR indicating latitude and longitude are expressed in terms of the World Geodetic System-1984 (WGS-84) geodetic reference datum.

#### **3.2 Area of application**

The area of application for the published geographical co-ordinates coincides with the area of responsibility of the Aeronautical Information Service i.e. the entire territory of Bangladesh as well as the airspace over the high seas encompassed by the Dhaka Flight Information Region.

#### **3.3 Use of an asterisk to identity published geographical co-ordinates.**

An asterisk (\*) will be used to identity those published geographical co-ordinates which have been transformed into WGS-84 co-ordinates but whose accuracy of original field work does not meet the requirements in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volumes 1 and II, Chapter 2. Specifications for determination and reporting of WGS-84 Co-ordinates are given in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volumes I and II, Chapter 2.

### **4. AIRCRAFT NATIONALITY AND REGISTRATION MARKS.**

The nationality mark for aircraft registered in Bangladesh is the letters S2. The nationality mark is followed by a hyphen and registration mark consisting of 3 letters, e.g. S2-ABC.

### **5. PUBLIC HOLIDAYS**

5.1 Public holidays for Muslim religious events are based upon the Hijri Calendar which does not correspond with the Gregorian calendar commonly used in aviation. The start of months in the Hijri year is dependent on moon sightings and cannot be accurately predicated in advance. A Hijri year is approximately 10 days shorter than the Gregorian year. These dates will move forward by approximately 10 days per year for Muslim religious holidays which are marked with an asterisk.

→ 5.2 Public holidays for Hindus and Buddha religious are based on Bengali Calendar which also does not correspond with the Gregorian calendar and will be shifted every year. Holidays relating to these events are marked with plus sign.

5.3 The following is a list of national public holidays for 2016 with dates corresponding with the Gregorian calendar.

| Public Holidays (2016) |   |                 |
|------------------------|---|-----------------|
| Date                   | Name of Holidays                                  | Duration (Days) |
| 21 FEB                 | International Mother Language Day & Shahid Dibash | 1               |
| 17 MAR                 | Birthday of father of the nation                  | 1               |
| 26 MAR                 | Independence & National day                       | 1               |
| 14 APR                 | Bangla New Year day                               | 1               |
| 1 MAY                  | May-day   | 1               |
| 21 MAY                 | Buddha Purnima +                                  | 1               |
| 23 MAY                 | Shab-E-Barat *                                    | 1               |
| 03 JUL                 | Shab-E-Qadar *                                    | 1               |
| 05-07 JUL              | Eid-UI-Fitre *                                    | 3               |
| 15 AUG                 | National Mourn Day                                | 1               |
| 25 AUG                 | Janmastami  | 1               |
| 11-13 SEP              | Eid-UI-Azha *                                     | 3               |
| 11 OCT                 | Durgapuja(Dashami) +                              | 1               |
| 12 DEC                 | Ashura *  | 1               |
| 16 DEC                 | Victory Day                                       | 1               |
| 25 DEC                 | X-MAS Day   | 1               |

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**GEN 2.4 LOCATION INDICATORS**

| <b>ENCODE</b>                                    |                  |                                |                  |
|--|------------------|--------------------------------|------------------|
| <b>Location</b>                                  | <b>Indicator</b> | <b>Location</b>                | <b>Indicator</b> |
| CAAB Head Quarters                               | VGHQ             | Ishurdi Airport                | VGIS             |
| Dhaka FIR  | VGFR             |                                |                  |
| Hazrat Shahjalal Intl. Airport,<br>Dhaka         | VGHS             | Jessore Airport                | VGJR             |
| Shah Amanat International<br>Airport, Chittagong | VGEG             | Lalmonirhat STOL-Port          | VGLM             |
| Osmani International Airport,<br>Sylhet          | VGSY             | Shah Makhdum Airport, Rajshahi | VGRJ             |
| Barisal Airport                                  | VGBR             | Saidpur Airport                | VGSD             |
| Bogra Airport                                    | VGBG             |                                |                  |
| Cox's Bazar Airport                              | VGCB             | Shamshernagar STOL- Port       | VGSH             |
| Comilla Airport                                  | VGCM             | Tejgaon Airport                | VTJ              |

| <b>DECODE</b>    |   |                  |                         |
|------------------|---|------------------|-------------------------|
| <b>Indicator</b> | <b>Location</b>                           | <b>Indicator</b> | <b>Location</b>         |
| VGHQ             | CAAB Headquarters                         | VGIS             | Ishurdi Airport         |
| VGFR             | Dhaka FIR                                 | VGJR             | Jessore Airport         |
| VGHS             | Hazrat Shahjalal Intl. Airport,<br>Dhaka  |                  |                         |
| VGEG             | Shah Amanat Int'l. Airport,<br>Chittagong | VGLM             | Lalmonirhat STOL-Port   |
| VGSY             | Osmani Int'l. Airport, Sylhet.            | VGRJ             | Rajshahi Airport        |
| VGBR             | Barisal Airport                           | VGSD             | Saidpur Airport         |
| VGBG             | Bogra Airport                             |                  |                         |
| VGCB             | Cox's Bazar Airport                       | VGSH             | Shamshernagar STOL-Port |
| VGCM             | Comilla Airport                           | VTJ              | Tejgaon Airport         |

Note :- Location Indicators except VGHQ, VGHS, VGEG and VGSY cannot be used in the address component of messages transmitted over the AFTN.

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**GEN 2.5 LIST OF RADIO NAVIGATION AIDS**

**1. Alphabetical list of Navigation aids by Identification.**

| <b>ID</b>                           | <b>STATION</b>               | <b>FACILITY</b>    | <b>PURPOSE</b> |
|-------------------------------------|------------------------------|--------------------|----------------|
| 1                                   | 2                            | 3                  | 4              |
| BL                                  | Barisal                      | NDB                | AE             |
| CB                                  | Cox's Bazar                  | NDB                | AE             |
| CM                                  | Comilla                      | NDB                | AE             |
| CML                                 | Comilla                      | DVOR/DME           | AE             |
| CTG                                 | Shah Amanat Intl, Chittagong |                    | AE             |
| DA                                  | Hazrat Shahjalal Intl, Dhaka | LO                 | A              |
| DAC                                 | Hazrat Shahjalal Intl, Dhaka | DVOR/DME           | AE             |
| DCN                                 | Hazrat Shahjalal Intl, Dhaka | NDB                | AE             |
| DHA                                 | Hazrat Shahjalal Intl, Dhaka | ILS/LLZ RWY 32     | A              |
| EG                                  | Shah Amanat Intl, Chittagong | NDB                | AE             |
| IDA                                 | Hazrat Shahjalal Intl, Dhaka | ILS/LLZ RWY-14     | A              |
| ICG                                 | Shah Amanat Intl, Chittagong | ILS/LLZ/DME RWY-23 | A              |
| IS                                  | Ishurdi                      | NDB                | AE             |
| JR                                  | Jessore                      | NDB                | AE             |
| JSR                                 | Jessore                      | VOR                |                |
| RAJ                                 | Shah Mokhdum, Rajshahi       | DVOR/DME           | AE             |
| RJ                                  | Shah Mokhdum ,Rajshahi       | NDB                | AE             |
| SD                                  | Saidpur                      | NDB                | AE             |
| SDP                                 | Saidpur                      | VOR                | AE             |
| SY                                  | Osmani Intl, Sylhet          | NDB                | AE             |
| SYL                                 | Osmani Intl, Sylhet          | ILS/LLZ/DME RWY-11 | A              |
| SYT                                 | Osmani Intl, Sylhet          | DVOR/DME           | AE             |
| A= Aerodrome, E= En-route, AE=Both. |                              |                    |                |

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**GEN2.7 SUNRISE/ SUNSET TABLES**

1. As Bangladesh is situated in between 20 & 30 degree north latitude, so to calculate the sunrise, sunset, Morning & Evening Twilight timings, the basic data of the British Nautical Almanac and the Indian Astronomical Ephemeris given at 20 & 30 degree north latitudes are used to find out the actual timings of the respective station after applying the required latitude & longitudinal corrections.

| Sunrise/ Sunset Tables                           |        |        |        |        |      |        |        |        |        |
|--|--------|--------|--------|--------|------|--------|--------|--------|--------|
| 1. HAZRAT SHAHJALAL INTERNATIONAL AIRPORT, DHAKA |        |        |        |        |      |        |        |        |        |
| 2. VGHS  |        |        |        |        |      |        |        |        |        |
| 3. 2346N 09023E                                  |        |        |        |        |      |        |        |        |        |
| 4  | 5      | 6      | 7      | 8      | 4    | 5      | 6      | 7      | 8      |
| Date   | Time   |        |        |        | Date | Time   |        |        |        |
|  | CMT    | SR     | SS     | CET*   |      | CMT    | SR     | SS     | CET    |
| JAN  |        |        |        |        | JUL  |        |        |        |        |
| 1  | 0017.0 | 0041.7 | 1122.6 | 1147.4 | 1    | 2249.1 | 2314.4 | 1250.1 | 1315.5 |
| 7  | 0018.2 | 0042.9 | 1126.6 | 1151.4 | 7    | 2251.5 | 2316.6 | 1250.4 | 1315.5 |
| 14   | 0018.9 | 0043.7 | 1131.8 | 1156.6 | 14   | 2254.5 | 2319.6 | 1249.2 | 1314.3 |
| 21   | 0018.8 | 0043.0 | 1136.9 | 1201.0 | 21   | 2257.3 | 2322.3 | 1247.0 | 1312.0 |
| 28   | 0017.8 | 0041.5 | 1141.8 | 1205.6 | 28   | 2301.4 | 2326.1 | 1243.9 | 1308.6 |
| FEB  |        |        |        |        | AUG  |        |        |        |        |
| 1  | 0016.0 | 0039.8 | 1144.8 | 1208.6 | 1    | 2303.2 | 2327.6 | 1242.0 | 1306.3 |
| 7  | 0012.8 | 0036.6 | 1148.6 | 1212.4 | 7    | 2306.4 | 2330.3 | 1238.0 | 1301.9 |
| 14   | 0009.2 | 0032.3 | 1153.0 | 1216.1 | 14   | 2309.3 | 2333.1 | 1232.7 | 1256.5 |
| 21   | 0005.1 | 0027.9 | 1157.1 | 1219.9 | 21   | 2312.0 | 2335.7 | 1226.8 | 1250.5 |
| 28   | 2359.0 | 0021.8 | 1200.7 | 1223.4 | 28   | 2315.4 | 2338.5 | 1220.5 | 1243.6 |
| MAR  |        |        |        |        | SEP  |        |        |        |        |
| 1  | 2358.0 | 0020.8 | 1201.2 | 1224.0 | 1    | 2316.9 | 2339.9 | 1217.1 | 1240.1 |
| 7  | 2352.8 | 0015.5 | 1204.0 | 1226.7 | 7    | 2319.2 | 2341.9 | 1210.6 | 1233.3 |
| 14   | 2346.0 | 0008.7 | 1207.7 | 1229.9 | 14   | 2321.6 | 2344.4 | 1203.6 | 1226.3 |
| 21   | 2339.4 | 0002.1 | 1209.9 | 1232.6 | 21   | 2324.4 | 2347.1 | 1155.9 | 1218.6 |
| 28   | 2332.2 | 2355.0 | 1212.6 | 1235.4 | 28   | 2326.2 | 2348.9 | 1148.9 | 1211.6 |
| APR  |        |        |        |        | OCT  |        |        |        |        |
| 1  | 2328.2 | 2351.0 | 1214.1 | 1236.8 | 1    | 2327.2 | 2349.9 | 1145.9 | 1208.6 |
| 7  | 2322.4 | 2345.2 | 1217.1 | 1239.9 | 7    | 2329.6 | 2352.4 | 1140.0 | 1202.7 |
| 14   | 2314.7 | 2338.5 | 1219.5 | 1243.3 | 14   | 2332.8 | 2355.6 | 1133.7 | 1156.5 |
| 21   | 2308.5 | 2332.2 | 1222.3 | 1246.1 | 21   | 2336.0 | 2358.7 | 1127.4 | 1150.2 |
| 28   | 2302.7 | 2326.4 | 1225.9 | 1249.7 | 28   | 2338.9 | 0002.3 | 1122.0 | 1145.4 |
| MAY  |        |        |        |        | NOV  |        |        |        |        |
| 1  | 2300.7 | 2324.5 | 1227.3 | 1251.1 | 1    | 2340.9 | 0004.6 | 1119.4 | 1143.2 |
| 7  | 2256.4 | 2320.5 | 1230.1 | 1254.2 | 7    | 2344.4 | 0008.2 | 1115.8 | 1139.6 |
| 14   | 2252.0 | 2316.6 | 1233.4 | 1258.0 | 14   | 2348.8 | 0012.5 | 1113.2 | 1136.9 |
| 21   | 2248.4 | 2313.4 | 1236.8 | 1301.8 | 21   | 2353.2 | 0017.5 | 1111.0 | 1135.4 |
| 28   | 2246.2 | 2311.3 | 1240.0 | 1305.2 | 28   | 2357.9 | 0022.7 | 1110.3 | 1135.1 |
| JUN  |        |        |        |        | DEC  |        |        |        |        |
| 1  | 2245.5 | 2310.6 | 1244.0 | 1307.2 | 1    | 2359.7 | 0024.5 | 1111.3 | 1135.1 |
| 7  | 2244.8 | 2310.4 | 1244.4 | 1310.0 | 7    | 0003.9 | 0028.7 | 1111.3 | 1136.0 |
| 14   | 2244.5 | 2310.5 | 1247.1 | 1313.1 | 14   | 0007.7 | 0032.4 | 1113.6 | 1138.3 |
| 21   | 2245.3 | 2311.2 | 1248.8 | 1314.7 | 21   | 0012.2 | 0036.9 | 1116.1 | 1140.8 |
| 28   | 2247.8 | 2313.3 | 1249.8 | 1315.3 | 28   | 0015.2 | 0039.9 | 1120.1 | 1144.8 |

CMT – Start of Civil morning twilight  
 CET – End of civil evening twilight  
 SR - Sunrise  
 SS – Sunset.

| Sunrise/ Sunset Tables                           |        |        |        |        |            |        |        |        |        |
|--|--------|--------|--------|--------|------------|--------|--------|--------|--------|
| 1. SHAH AMANAT INTERNATIONAL AIRPORT, CHITTAGONG |        |        |        |        |            |        |        |        |        |
| 2. VEGE  |        |        |        |        |            |        |        |        |        |
| 3. 22 16 03 N 091 48 49 E                        |        |        |        |        |            |        |        |        |        |
| 4  | 5      | 6      | 7      | 8      | 4          | 5      | 6      | 7      | 8      |
| Date   | Time   |        |        |        | Date       | Time   |        |        |        |
|  | CMT    | SR     | SS     | CET*   |            | CMT    | SR     | SS     | CET    |
| <b>JAN</b>                                       |        |        |        |        | <b>JUL</b> |        |        |        |        |
| 1  | 0008.3 | 0032.8 | 1119.9 | 1144.3 | 1          | 2246.9 | 2311.8 | 1241.1 | 1306.0 |
| 7  | 0009.6 | 0034.1 | 1123.8 | 1148.2 | 7          | 2249.3 | 2313.9 | 1241.5 | 1306.1 |
| 14   | 0010.6 | 0036.0 | 1128.9 | 1153.3 | 14         | 2252.2 | 2316.9 | 1240.3 | 1305.0 |
| 21   | 0010.5 | 0034.5 | 1133.6 | 1157.5 | 21         | 2254.8 | 2319.4 | 1238.4 | 1303.0 |
| 28   | 0009.9 | 0033.3 | 1138.3 | 1201.7 | 28         | 2258.6 | 2323.0 | 1235.5 | 1259.8 |
| <b>FEB</b>                                       |        |        |        |        | <b>AUG</b> |        |        |        |        |
| 1  | 0008.4 | 0031.9 | 1141.3 | 1204.7 | 1          | 2300.3 | 2324.3 | 1233.8 | 1257.8 |
| 7  | 0005.3 | 0028.8 | 1144.7 | 1208.2 | 7          | 2303.2 | 2326.8 | 1229.9 | 1253.5 |
| 14   | 0002.0 | 0024.8 | 1148.8 | 1211.6 | 14         | 2305.8 | 2329.2 | 1225.0 | 1248.5 |
| 21   | 2358.3 | 0020.7 | 1152.7 | 1215.1 | 21         | 2308.2 | 2331.5 | 1219.4 | 1242.8 |
| 28   | 2352.5 | 0015.0 | 1155.8 | 1218.2 | 28         | 2311.2 | 2333.9 | 1213.5 | 1236.2 |
| <b>MAR</b>                                       |        |        |        |        | <b>SEP</b> |        |        |        |        |
| 1  | 2351.6 | 0014.1 | 1156.3 | 1218.8 | 1          | 2312.5 | 2335.1 | 1210.3 | 1232.9 |
| 7  | 2346.7 | 0009.1 | 1158.8 | 1221.2 | 7          | 2314.5 | 2337.0 | 1203.9 | 1226.4 |
| 14   | 2340.1 | 0002.6 | 1201.6 | 1224.0 | 14         | 2316.7 | 2339.1 | 1157.3 | 1219.8 |
| 21   | 2334.0 | 2356.5 | 1203.9 | 1226.4 | 21         | 2319.0 | 2341.5 | 1149.9 | 1212.4 |
| 28   | 2327.3 | 2359.7 | 1206.3 | 1228.7 | 28         | 2320.4 | 2342.9 | 1143.3 | 1205.8 |
| <b>APR</b>                                       |        |        |        |        | <b>OCT</b> |        |        |        |        |
| 1  | 2323.3 | 2345.8 | 1207.6 | 1230.0 | 1          | 2321.3 | 2343.8 | 1140.5 | 1203.0 |
| 7  | 2317.8 | 2340.3 | 1210.4 | 1232.9 | 7          | 2323.4 | 2345.8 | 1134.8 | 1157.2 |
| 14   | 2310.4 | 2333.9 | 1212.5 | 1236.0 | 14         | 2326.3 | 2348.7 | 1129.0 | 1151.4 |
| 21   | 2304.6 | 2328.0 | 1214.9 | 1238.4 | 21         | 2329.2 | 2351.6 | 1123.0 | 1145.5 |
| 28   | 2259.2 | 2322.6 | 1218.2 | 1241.6 | 28         | 2331.7 | 2354.8 | 1117.8 | 1140.9 |
| <b>MAY</b>                                       |        |        |        |        | <b>NOV</b> |        |        |        |        |
| 1  | 2257.3 | 2320.8 | 1219.4 | 1242.9 | 1          | 2333.5 | 2357.0 | 1115.4 | 1138.9 |
| 7  | 2253.2 | 2316.9 | 1222.0 | 1245.7 | 7          | 2336.9 | 0000.3 | 1112.1 | 1135.5 |
| 14   | 2249.0 | 2313.3 | 1225.1 | 1249.4 | 14         | 2340.9 | 0004.3 | 1109.7 | 1133.1 |
| 21   | 2245.8 | 2310.3 | 1228.2 | 1252.8 | 21         | 2345.1 | 0009.1 | 1107.8 | 1131.8 |
| 28   | 2243.7 | 2308.4 | 1231.2 | 1255.9 | 28         | 2349.6 | 0014.0 | 1107.4 | 1131.8 |
| <b>JUN</b>                                       |        |        |        |        | <b>DEC</b> |        |        |        |        |
| 1  | 2243.3 | 2307.9 | 1233.2 | 1257.9 | 1          | 2351.2 | 0015.7 | 1107.4 | 1131.8 |
| 7  | 2242.5 | 2307.8 | 1235.5 | 1300.8 | 7          | 2355.4 | 0019.8 | 1108.5 | 1132.9 |
| 14   | 2242.4 | 2308.0 | 1238.0 | 1303.6 | 14         | 2359.0 | 0023.5 | 1110.9 | 1135.4 |
| 21   | 2243.1 | 2308.7 | 1239.7 | 1305.3 | 21         | 0003.5 | 0028.0 | 1113.4 | 1137.9 |
| 28   | 2245.5 | 2310.7 | 1240.7 | 1306.0 | 28         | 0006.5 | 0031.0 | 1117.4 | 1141.9 |

CMT – Start of Civil morning twilight

CET – End of civil evening twilight

SR - Sunrise

SS – Sunset.

**GEN 3.2.5 LIST OF AERONAUTICAL CHART AVAILABLE**

| <b>LIST OF CHARTS SERIES</b>          |              |   |              |             |
|---------------------------------------|--------------|---|--------------|-------------|
| <b>Title of Series</b>                | <b>Scale</b> | <b>Chart name and / or number</b>                     | <b>Price</b> | <b>Date</b> |
| Instrument Approach Charts (IAC)      | 1: 250,000   | VGHS/NDB 14   | In AIP       | 23 JUN 2016 |
|                                       | "            | VGHS/NDB/ILS/14                                       | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR 14   | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME 14                                       | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME/ILS 14                                   | "            | 23 JUN 2016 |
|                                       | "            | VGHS/DA LOCATOR 14                                    | "            | 23 JUN 2016 |
|                                       | "            | VGHS/DA/ILS 14  | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME/ARC/ILS 14                               | "            | 23 JUN 2016 |
|                                       | "            | VGHS/RNAV (GNSS) 14                                   | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR 32   | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME(1)32                                     | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME(2) 32                                    | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME/ARC 32                                   | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME/ILS(1)32                                 | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME/ILS(2) 32                                | "            | 23 JUN 2016 |
|                                       | "            | VGHS/VOR/DME/ARC/ILS 32                               | "            | 23 JUN 2016 |
|                                       | "            | VGEG/NDB 23/05  | "            | 16 OCT 2014 |
|                                       | "            | VGEG/VOR 23/05  | "            | 16 OCT 2014 |
|                                       | "            | VGEG/VOR/DME/ARC 23                                   | "            | 16 OCT 2014 |
|                                       | "            | VGEG/VOR/DME/ARC 05                                   | "            | 16 OCT 2014 |
|                                       | "            | VGEG/VOR ILS DME 23                                   | "            | 16 OCT 2014 |
|                                       | "            | VGEG/VOR ILS DME-ARC 23                               | "            | 16 OCT 2014 |
|                                       | "            | VGSY/NDB 11   | "            | 03 JUN 2010 |
|                                       | "            | VGSY/VOR 11   | "            | 16 OCT 2014 |
|                                       | "            | VGSY/NDB 29   | "            | 03 JUN 2010 |
|                                       | "            | VGSY/VOR 29   | "            | 16 OCT 2014 |
|                                       | "            | VGSY/VOR/ILS/DME 11                                   | "            | 16 OCT 2014 |
|                                       | "            | VGSY/VOR/DME/ARC 11                                   | "            | 16 OCT 2014 |
|                                       | "            | VGBR/NDB 17/35  | "            | 03 JUN 2014 |
|                                       | "            | VGCB/NDB 17/35  | "            | 23 JUN 2016 |
|                                       | "            | VGIS/NDB 15/33  | "            | 03 JUN 2010 |
|                                       | "            | VGJR/NDB 16/34  | "            | 23 JUN 2016 |
|                                       | "            | VGJR/VOR 16/34  | "            | 23 JUN 2016 |
| "                                     | VGRJ/NDB 17  | "   | 16 OCT 2014  |             |
| "                                     | VGRJ/VOR 17  | "   | 16 OCT 2014  |             |
| "                                     | VGRJ/NDB 35  | "   | 16 OCT 2014  |             |
| "                                     | VGRJ/VOR 35  | "   | 16 OCT 2014  |             |
| "                                     | VGSD/NDB 16  | "   | 03 JUN 2010  |             |
| "                                     | VGSD/VOR 16  | "   | 03 JUN 2010  |             |
| "                                     | VGSD/NDB 34  | "   | 03 JUN 2010  |             |
| "                                     | VGSD/VOR 34  | "   | 03 JUN 2010  |             |
| Aerodrome Chart-ICAO(AD)              | 1:15,000     | Hazrat Shahjalal Intl. VGHS AD 2-15                   | In AIP       | 23 JUN 2016 |
|                                       |              | Shah Amanat Intl. VGEG AD 2-11                        | "            | 23 JUN 2016 |
|                                       |              | Osmani Intl Airport VGSY AD 2-9                       | "            | 23 JUN 2016 |
|                                       |              | All other Aerodrome (see respective Aerodrome's page) |              |             |
| Aerodrome Obstacle Chart Type A (AOC) | 1:15,000     | Hazrat Shahjalal Intl. 14/32 VGHS AD 2-17             | In AIP       | 23 JUN 2016 |
|                                       |              | Shah Amanat Intl 23/05 VGEG AD 2-13                   | "            | 23 JUN 2016 |
|                                       |              | Osmani Intl Airport VGSY AD 2-3                       | "            | 12 NOV 2015 |
| FIR and Terminal Area (TMA) Chart     |              | Prohibited, Restricted & Danger Area ENR 5.1-11       | In AIP       | 23 JUN 2016 |
|                                       |              | DHAKA TERMINAL ENR 6-7                                | "            | 23 JUN 2016 |

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4 **Co-ordination between the operator and ATS**

4.1 Co-ordination between the operator and ATS is affected in accordance with 2.15 of ICAO Annex-11, and 2.1.1.4 and 2.1.1.5 of Part VIII of the *Procedures for Air Navigation Services – Rules of the Air and Air Traffic Management* (Doc 4444, PANS-ATM).

5 **Minimum flight altitude**

5.1 The minimum flight altitude on the ATS routes, as presented in section ENR 3, have been determined so as to ensure at least 300 m (1000ft) vertical clearance above the highest obstacle within 18 km (10 NM) on each side of the centre line of the route. However, where the angular divergence of the navigational air signal, in combination with the distance between the navigation aids, could result in an aircraft being more than 18km on either side of the centre line, the 18 km protection limit is increased by the extent to which the divergence is more than 18 km from the centre line.

**6. ATS units address list**

| Units name     | Postal address  | Telephone Nr   | Tele-fax Nr | Telex Nr | AFS address |
|----------------|---|--|-------------|----------|-------------|
| 1              | 2   | 3  | 4           | 5        | 6           |
| DHAKA ACC      | Area Control Centre, Operation Building, Hazrat Shahjalal International Airport, Kurmitola, Dhaka- 1229, Bangladesh   | 880-2-8901462<br>880-2-8901463<br>880-2-8901904-13<br>Extn. 3465<br>Fax: 880-2-8901924 |             | Nil      | VGHSZQZX    |
| DHAKA APP      | Approach Control Office, Operation Building, Hazrat Shahjalal International Airport, Kurmitola, Dhaka-1229 Bangladesh | 880-2-8901462<br>880-2-8901904-13<br>Extn. 3410  | Nil         | Nil      | VGHSZAZX    |
| DHAKA TWR      | Dhaka Tower, Operation Building, Hazrat Shahjalal International Airport, Kurmitola, Dhaka-1229 Bangladesh             | 880-2-7914462<br>880-2-8901904-13<br>Extn. 3513,3494                                   | Nil         | Nil      | VGHSZTZX    |
| CHITTAGONG TWR | Chittagong Tower, Shah Amanat Intl. Airport, Chittagong, Bangladesh   | 880-31-2500982   | Nil         | Nil      | VGEGZTZX    |
| SYLHET TWR     | Sylhet Tower, Osmani Int'l Airport, Sylhet, Bangladesh  | 880-821718459  | Nil         | Nil      | VGSYZTZX    |

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| RADIO TIME SIGNAL |           |               |            |  |   |
|-------------------|-----------|---------------|------------|--|---|
| Station           | Call Sign | Frequency KHz | Band Width | Time of Transmission (UTC)                       | Method & Remarks                              |
| 1                 | 2         | 3             | 4          | 5  | 6   |
| Dhaka             | S2R1      | 693           | 20A3       | 0030-0430<br>1030-1730                           | Winter Season                                 |
|                   |           |               |            | 0000-0430<br>1030-1730                           | Summer Season                                 |
|                   | S2R2      | 630           | 20A3       | 0030-0230<br>0000-0230<br>0430-1730<br>1800-2100 | Winter Season<br>Summer Season<br>All Seasons |
|                   | S2R3      | 1170          | 20A3       | 0900-1100  | All Seasons                                   |
| Chittagong        | S2R3      | 873           | 20A3       | 0030-0400<br>0030-0430                           | Winter Season<br>Friday                       |
|                   |           |               |            | 0600-0930<br>1030-1730                           | All Seasons                                   |
|                   |           |               |            | 0000-0330<br>0000-0400                           | Summer Season<br>Friday.                      |
| Rajshahi          | S2R7      | 1080          | 20A3       | 0030-0400<br>0030-0430                           | Winter Season<br>Friday                       |
|                   |           |               |            | 0600-0930<br>1030-1730                           | All Seasons                                   |
|                   |           |               |            | 0000-0330<br>0000-0400                           | Summer season<br>Friday                       |
|                   | S2R8      | 846           | 20A3       | 0030-0400<br>0030-0430                           | Winter Season<br>Friday                       |
|                   |           |               |            | 0600-0930<br>1030-1730                           | All Seasons                                   |

| RADIO TIME SIGNAL |           |               |            |  |   |
|-------------------|-----------|---------------|------------|--|---|
| Station           | Call Sign | Frequency KHz | Band Width | Time of Transmission (UTC)                       | Method & Remarks                                    |
| 1                 | 2         | 3             | 4          | 5  | 6   |
| Rangpur           | S2R25     | 1053          | 20A3       | 0030-0400<br>0030-0430                           | Winter Season Friday                                |
|                   |           |               |            | 0000-0330<br>0000-0400<br>1030-1730              | Summer season<br>Friday<br>All seasons              |
| Khulna            | S2R27     | 558           | 20A3       | 0030-0400<br>0030-0430                           | Winter Season Friday                                |
|                   |           |               |            | 0600-0930<br>1030-1730                           | All Seasons   |
|                   |           |               |            | 0000-0330<br>0000-0400                           | Summer Season Friday                                |
| Sylhet            | S2R23     | 063           | 20A3       | 0030-0400<br>0030-0430<br>1030-1730              | Winter season Friday<br>All Seasons                 |
|                   |           |               |            | 0000-0330<br>0000-0400                           | Summer Season Friday                                |
| Rangamati         | S2R33     | 1161          | 20A3       | 0030-0400<br>0030-0430<br>0000-0330<br>0000-0400 | Winter season<br>Friday<br>Summer Season<br>Friday. |
| Comilla           | S2R35     | 1413          | 20A3       | 1145-1730  | All Seasons   |
| Thakurgaon        | S2R32     | 999           | 20A3       | 1145-1730  | All Seasons   |

AERONAUTICAL FIXED SERVICES - NATIONAL CIRCUITS

| Station                               |                       |              | Correspondent  |              | Number and<br>Type of<br>channels | Radio<br>Frequencies |            | Type of<br>services | Hours<br>(UTC) | Remarks |  |
|---------------------------------------|-----------------------|--------------|----------------|--------------|-----------------------------------|----------------------|------------|---------------------|----------------|---------|--|
| Name                                  | Location<br>Indicator | Call<br>Sign | Name           | Call<br>Sign |                                   | Trans<br>KHz         | Rec<br>KHz |                     |                |         |  |
| 1                                     | 2                     | 3            | 4              | 5            | 6                                 | 7                    | 8          | 9                   | 10             | 11      |  |
| Dhaka/<br>Hazrat<br>Shahjalal<br>Intl | VGHS                  | S2D          | Rajshahi       |              | RTF                               |                      |            | ATS                 | HO             |         |  |
|                                       |                       |              | Jessore        |              | RTF                               |                      |            | ATS                 | HO             |         |  |
|                                       |                       |              | Saidpur        |              | RTF                               |                      |            |                     | ATS            | HO      |  |
|                                       |                       |              | Ishurdi        |              | RTF                               |                      |            |                     | ATS            | HO      |  |
|                                       |                       |              | Cox's<br>Bazar |              | RTF                               |                      |            |                     | ATS            | HO      |  |
|                                       |                       |              | Tejgaon        |              | RTF                               |                      |            |                     | ATS            | HO      |  |
|                                       |                       |              | Barisal        |              | RTF                               |                      |            |                     | ATS            | HO      |  |
|                                       |                       |              | Comilla        |              | RTF                               |                      |            |                     | ATS            | HO      |  |

| AERONAUTICAL FIXED SERVICES –INTERNATIONAL CIRCUITS |                    |           |               |           |                             |                   |         |  |             |                                       |
|---|--------------------|-----------|---------------|-----------|-----------------------------|-------------------|---------|--|-------------|---------------------------------------|
| Station   |                    |           | Correspondent |           | Number and Type of channels | Radio Frequencies |         | Type of Traffic                        | Hours (UTC) | Remarks                               |
| Name  | Location Indicator | Call Sign | Name          | Call Sign |                             | Trans KHz         | Rec KHz |  |             |                                       |
| 1   | 2                  | 3         | 4             | 5         | 6                           | 7                 | 8       | 9                                      | 10          | 11                                    |
| Dhaka/<br>Hazrat<br>Shahjal<br>al Intl              | VGHS               | S2D       | Kolkata       | AWC       | RTF<br>DDN                  |                   |         | ATS<br>Direct<br>Speech<br>AFTN<br>ATN | H24         | Via<br>Common<br>carrier<br>Microwave |
|   |                    |           | Chittagong    | S2C       | RTF<br>TCPIP                |                   |         | ATS<br>Direct<br>Speech<br>AFTN<br>ATN | HO          | Via<br>Common<br>carrier<br>Microwave |
|   |                    |           | Osmani Intl   |           | RTF<br>TCPIP                |                   |         | ATS<br>Direct<br>Speech<br>AFTN<br>ATN | HO          | Via<br>Common<br>carrier<br>Microwave |
|   |                    |           | Bangkok       | HSD       | VSAT                        |                   |         | AFTN<br>ATN                            | H24         | Via<br>Satellite                      |
|   |                    |           | Agartala      |           | RTF                         |                   |         | ATS                                    | H24         | Via<br>Common<br>carrier<br>Microwave |
|   |                    |           | Gauhati       |           | RTF                         |                   |         | ATS                                    | H24         | Via<br>Common<br>carrier<br>Microwave |
|   |                    |           | CAAB HQ       | VGHQ      | LTT                         |                   |         | AFTN                                   | HO          |                                       |

### GEN 3.5 METEOROLOGICAL SERVICES

#### 1. **Responsible Service**

1.1 The Meteorological Services for Civil Aviation is provided by the Bangladesh Meteorological Department, Ministry of Defence.

Postal Address: The Director.

Bangladesh Meteorological Department,  
Abhawa Bhaban, Agargaon,  
Dhaka-1207, Bangladesh.

Telephone : 880-2-8144968, 880-2-9123838.

Telefax : 880-2-8118230, 88-02-9119230, 88-02-9103908

AFS : VGHSYMYX

Email : [info@bmd.gov.bd](mailto:info@bmd.gov.bd), swe@bmd.gov.bd

web site : [www.bmd.gov.bd](http://www.bmd.gov.bd)

1.2 The Service is provided in accordance with the provisions contained in the following ICAO Documents:

Annex-3 (Meteorological Service for international Air Navigation)  
DOC 7030-Regional Supplementary Procedures Part-3-Meteorology.

1.3 Difference to these provisions are detailed in subsection GEN 1.7.

#### 2. **Area of responsibility**

1.1 Area meteorological watch is provided for the Dhaka FIR.

**GEN 3.5.3 METEOROLOGICAL OBSERVATION AND REPORTS**

| Name of Station<br>Location<br>Indicator    | Type & freq<br>of<br>observation/<br>automatic<br>observing<br>equipment. | Types of MET<br>reports &<br>supplementary<br>information<br>included | Observation system &<br>site(s)  | Hours of<br>operation | Climatological<br>information.       |
|---|---|---|--|-----------------------|--------------------------------------|
| 1   | 2   | 3   | 4  | 5                     | 6                                    |
| Dhaka/HSIA<br>VGHS                          | Half hourly<br>plus special<br>observation                                | METAR<br>SPECI<br>SUPPL:<br>TREND                                     | Surface wind by Electrical<br>Anemograph/Anemometer.<br>Visibility by eye<br>estimation. RVR by eye<br>estimation. Cloud base by<br>eye estimation<br>(ceilometer). Temperature<br>and dew-point by<br>psychrometer. | H24                   | CLIMATOLOGICAL<br>SUMMARIES<br>AVBL. |
| Chittagong/<br>Shah<br>Amanat Intl.<br>VGEG | Half Hourly<br>plus special<br>observation                                | METER<br>SPECI<br>SUPPL:<br>TREND                                     | Same as HSIA Intl. Exc<br>transmissometer and<br>ceilometer.   | H24                   | Climatological<br>Summaries AVBL     |
| Cox's Bazar<br>VGCB                         | Half hourly<br>plus special<br>observation                                | METER<br>SPECI<br>SUPPL : NIL   | Same as VGEG   | HJ                    | NIL                                  |
| Rajshahi<br>VGRJ                            | Hourly,<br>Special<br>Observation<br>and if required<br>half-hourly.      | METER<br>SPECI<br>SUPPL: NIL  | Same as VGEG   | HJ                    | NIL                                  |
| Jessore<br>VGJR                             | Half hourly<br>plus special   | METER<br>SPECI<br>SUPPL. NIL  | Same as VGEG   | HJ                    | NIL                                  |
| Saidpur<br>VGSD                             | Hourly, and<br>Special<br>observation                                     | METER<br>SPECI<br>SUPPL: NIL  | Same as VGEG   | HJ                    | NIL                                  |
| Osmani,<br>Sylhet<br>VGSY                   | Hourly,<br>Special<br>observation<br>and if required<br>half-hourly.      | METER<br>SPECI<br>SUPPL: NIL  | Same as VGEG   | HJ                    | NIL                                  |

**4 Types of services**

- 1.1 Briefing and flight documentation is provided as indicated in respective Aerodrome Section. Whenever possible, the Pilot-in-Command or his designated representative is given personal briefing by meteorological personnel on office.
- 1.2 Aerodrome reports and forecasts, including trend type forecasts, are provided in GEN 3.5.3 and respective Aerodrome.
- 1.3 For short flights (up to 500 NM) all the en-route information is usually presented in tabular non-pictorial form, while for flights of more than 500 NM a pictorial forecast with significant weather is supplied.
- 1.4

- 1.5 Runway visibility observations, taken manually, are provided at Hazrat Shahjalal International Airport, Dhaka and Shah Amanat International Airport, Chittagong and Osmani International Airport, Sylhet when visibility is 926 M or less.
- 1.6 Warning for the protection of parked aircraft is issued for squalls and gales when the mean speed of the surface wind is expected to exceed 40 kts. Warnings are also issued for other hazardous meteorological elements.
- 1.7 **OBSERVING SYSTEMS & OPERATING PROCEDURES.**
- 1.7.1 Surface wind is measured by cup anemometer on top of Control Tower 111 feet above ground at HSIA International Airport, Dhaka. Wind indicator repeaters are located in the Meteorological Office and Control Tower.
- 1.7.2 Cloud height is measured by ceiling balloon or reported by aircraft as applicable.
- 1.7.3 Temperature is measured by psychrometer at the observing station on top of the operational building 90 feet above ground at HSIA International Airport, Dhaka.
- 1.8 Climatological Summaries for Chittagong and Dhaka are available.
- 2 **Notification required from operators**
- 2.1 Notification from operators in respect of briefing flight documentation and other meteorological information needed by them, is normally required:
- (a) for flights up to 500 nautical miles at least three hours before the expected time of departure.
  - (b) for flight of more than 500 nautical miles at least six hours before the expected time of departure.
6. **Aircraft reports (AIREP required from operator )**
- 6.1 Routing aircraft meteorological observations shall be made and the reports transmitted at ATS/MET reporting points listed below and as indicated in subsection ENR 3.1. Arriving flights should with the exceptions detailed in para 6.2 should also record the observation in the AIREP form and handed in to the meteorological office post flight.

| Routes |                | ATS/MET REPORTING POINTS | COORDINATES               |
|--------|----------------|--------------------------|---------------------------|
| A 462  | Kolkata/ Dhaka | BEMAK                    | 22 55 39 N<br>088 53 56 E |
| G 463  | Dhaka/Yangon   | AVLED                    | 21 40 03 N<br>092 20 49 E |

- 6.2 Aircraft shall be exempted from making and reporting routine observations when,
- (a) the flight duration is 2 hours or less; or
  - (b) the aircraft is at a distance from the next intended point of landing equivalent to 1 hour flying time or less; or
  - (c) when the altitude of the flight is below 1500 meters (5000 feet); or
  - (d) when the aircraft is flying over specified routes or areas where the network of surface observation is considered by regional Air Navigation agreement to be adequate for the provision of meteorological services for air navigation and at an altitude for which the ground based upper air observations are similarly considered to provide adequate information.

**6.3 Reporting of low level wind shear.**

6.3.1 Pilots encountering wind shear shall report to ATC as soon as possible.

6.3.2 When reporting wind shear on radiotelephony, the information should be transmitted in following order:

- (a) Aircraft call-sign;
- (b) WIND SHEAR reports;
- (c) Time (of wind shear occurrence);
- (d) Position(of wind shear);
- (e) Intensity (moderate, strong or severe);
- (f) Average height of wind shear layer.

6.3.3 On receipt of wind shear report a pilot, ATC will pass it to other aircraft in the vicinity. The following phraseology will be used.

“WIND SHEAR WARNING  
ARRIVING (OR DEPARTING).....(TYPE OF aircraft)  
REPORTED.....(MODERATE, STRONG, SEVERE)  
WIND SHEAR IN APPROACH (OR DEPARTURE)  
  
RUNWAY .....(NUMBER) AT.....(TIME)  
HEIGHT OF WIND SHEAR LAYER.....(feet)”



## GEN 3.6 SEARCH AND RESCUE

### 3.6.1 Responsible Service.

The search and rescue service in Bangladesh is organized in accordance with the Standards and Recommended Practices of ICAO Annex 12, by the Civil Aviation Authority in collaboration with Armed forces and other Department/ Organizations. Postal & telegraphic addresses of the Civil Aviation Authority of Bangladesh are given on Page GEN 1.1-1.

**Postal Address: Rescue Co-ordination Centre (SAR point of contact).  
Area Control Centre,  
HSIA International Airport,  
Kurmitola, Dhaka-1229.**

Telephone : 880-2-8901462, 8901463  
880-2-8901904/ Ext: 3465 & 3410.  
Telefax : 880-2-8901924  
AFS : VGHSYCYX, VGHSZQZX  
Email : rcc\_dhaka@caab.gov.bd

#### 3.6.1.1 Applicable ICAO Documents.

Annex 12 – Search and Rescue  
Annex 13 – Aircraft Accident Investigation  
Doc 7030 – Regional Supplementary Procedures for Alerting, Search and Rescue Services Applicable  
in the MID/ ASIA Region.  
PANS ATM (DOC 4444) Procedure for Air Navigation Services-Air Traffic Management  
DOC- 9731- IAMSAR.

3.6.1.2 Difference to these provisions are detailed in subsection GEN 1.7

### 3.6.2 Area of Responsibility.

3.6.2.1 The boundaries of Search and Rescue areas are coincident with the boundaries of Dhaka Flight Information Region (Dhaka FIR) covering the whole territory of Bangladesh and adjacent waters. Area Control Center serves as the central points for collecting information relating to the State of emergency of an aircraft operating within its search and rescue area.

3.6.2.2 Within Bangladesh no land areas have been designated in which search and rescue would be especially difficult.

### 3.6.3 Types of Services and Procedures.

→ 3.6.3.1 Aerial Search and rescue service shall be provided by Bangladesh Air Force when requested. Airlines & private operators may be requested for aerial search if necessary. Marine Search and Rescue Service shall be provided by Bangladesh Navy & other Marine authorities when requested. Ground Search & Rescue service shall be provided by the Police, Army, Border Guard Bangladesh and other Department/ Organization when requested.

Information on distressed aircraft shall be communicated to the rescue co-ordination center and or nearest rescue units. Details of the rescue co-ordination center and related rescue units are given on Page 3.6-3.

3.6.3.2 The effectiveness of the Search and Rescue Organization requires prompt and accurate advice regarding all aircraft movements. Pilots are requested in their own interest to ensure that the ground organization is immediately made aware of the initiation, any variation, and conclusion of the planned flight.

3.6.4 **SAR Agreements.**

→ 3.6.4.1 **The Memorandum of Understanding (MOU) between CAAB and Bangladesh Air Force (BAF) has been signed on 9 June 2014.**

→ 3.6.4.2 Requests for the entry of aircraft, equipment and personnel from other states to engage in search for aircraft in distress or to rescue survivors of aircraft accidents should be made to the Civil Aviation Authority, Bangladesh. Instructions as to the control which will be exercised on entry of such aircraft and/or personnel will be given by the Rescue Co-ordination Center in accordance with a standing plan for the conduct of search and rescue operations in Bangladesh.

**3.6.5** The SAR Service and Facilities in Bangladesh are available without charge to neighboring states upon request to the Civil Aviation Authority at all times when they are not engaged in search and rescue operations in their own territory.

3.6.5.1 ACCIDENT NOTIFICATION AND ACCIDENT INQUIRY

3.6.5.2 All accidents shall be reported to the nearest Airport, Aerodrome, Police Station or Military Authority.

3.6.5.3 The competent authority to conduct inquiries concerning in incidents or accidents of Civil Aircraft is the Civil Aviation Authority.

3.6.5.4 The issuance of the incident/ accident inquiry reports, their evaluation and publication of the experience derived therefore will be affected by the Civil Aviation Authority.

3.6.5.5 Dhaka ACC/RCC has been designated as the SAR point of contact for the receipt of Cospas-Sarsat distress data.

**Postal Address of SAR point of contact:**

Dhaka Area Control Centre,  
HSIA International Airport,  
Kurmitola, Dhaka-1229, Bangladesh.  
Telephone : 880-2-8901462, 8901463  
880-2-8901904/ Ext: 3465 & 3410.  
Telefax : 880-2-8901924  
AFS : VGHSYCYX, VGHSZQZX  
Email : rcc\_dhaka@caab.gov.bd

3.6.5.6 **SAR Manager(Contact details):**

Director (ATS and Aerodromes), Room Nr. 301, 2<sup>nd</sup> Floor,  
ATS and Aerodromes Division, CAAB Headquarters,  
Kurmitola, Dhaka-1229, Bangladesh.  
Ph: + 8802-8901404,  
Fax: + 8802-8901411  
Email: [datsaero@caab.gov.bd](mailto:datsaero@caab.gov.bd)  
Web site: [www.caab.gov.bd](http://www.caab.gov.bd)

3.6.6 Procedures and Signals Used.

3.6.6.1 PROCEDURES

3.6.6.2 Procedures for Pilot-in-Command observing an accident or intercepting a distress call and /or message are outlined in Annex 12 Chapter 5.

**4.1 COMMUNICATIONS**

- 4.1.1 Transmission and reception of distress messages within Dhaka Search and Rescue areas are handled in accordance with Annex 10, Volume II, Chap. 5, Para 5.3.
- 4.1.2 For Communications during Search and Rescue operations, the codes and abbreviations published in ICAO Abbreviations and Codes (Doc 8400) are used.
- 4.1.3 Information concerning positions, call signs, frequencies and hours of operations of aeronautical stations is published in AD2 and ENR2.
- 4.1.4 Rescue aircraft belonging to permanent Search and Rescue Units will use the call sign RESCUE and additional identification marks (ALFA, BRAVO, CHARLIE etc) during rescue operations.

**5. SEARCH AND RESCUE SIGNALS.**

The Search and Rescue signals to be used are those prescribed in Annex 12, Appendix A.

**5.1 Rescue Units and Facilities**

| List of Rescue Units and Facilities            |  |                      |                                |  |
|--|--|----------------------|--------------------------------|--|
| Name of Airport                                | Location   | Facilities           |                                | Remarks  |
|  |  | Aircraft             | Marine Craft                   |  |
| 1  | 2  | 3                    | 4                              | 5  |
| Hazrat Shahjalal Intl Airport, Dhaka.          | 235036.05N<br>0902352.02 E<br>11NM North of Dhaka City       | Helicopters          | --                             | Will be provided from BAF Base Bashar, Tejgaon |
| Shah Amanat International Airport, Chittagong. | 221522.28 N<br>0914919.95E<br>10NM South of Chittagong City. | *Helicopters & AN-32 | Rescue vessels & Rescue Boats. | *Will be provided from BAF Base Zahur          |
| Barisal Airport                                | 224756.19 N<br>0901804.45E<br>8 NM north of Barisal City     | --                   | --                             | --   |
| Comilla Airport                                | 232615.74N 0911122.26E<br>3NM South-East of Comilla Town     | --                   | --                             | --   |
| Jessore Airport                                | 231101.50 N<br>089039.21E<br>4 NM North of Jessore Town      | Helicopters          | --                             | Will be provided from BAF Base Matiur          |

| <b>List of Rescue Units and Facilities</b>                            |   |                   |                     |  |
|---|---|-------------------|---------------------|--|
| <b>Name of Airport</b>  | <b>Location</b>   | <b>Facilities</b> |                     | <b>Remarks</b>                                 |
|   |   | <b>Aircraft</b>   | <b>Marine Craft</b> |  |
| <b>1</b>  | <b>2</b>  | <b>3</b>          | <b>4</b>            | <b>5</b>                                       |
| Osmani International Airport, Sylhet                                  | 245740.83N<br>0915217.89E<br>5 NM NNE of Sylhet Town            | --                | --                  | --   |
| Cox's Bazar Airport   | 212659.13 N<br>0915753.31E 1 NM from<br>Cox's Bazar Town        | --                | --                  | --   |
| Shah Mokhdum Airport, Rajshahi.                                       | 242619.39 N<br>0883658.56 E<br>4 NM north of Rajshahi Town      | --                | --                  | --   |
| Ishurdi Airport   | 240909.48N<br>0890257.95E<br>3 NM N of Ishurdi Town             | --                | --                  | --   |
| Saidpur Airport   | 254537.35 N<br>0885430.49 E<br>South of Saidpur Town            | --                | --                  | --   |
| Shamshernagar Airport   | 242355.82N<br>0915500.69E<br>9NM South of<br>Moulavi Bazar Town | --                | --                  | --   |
| Tejgoan Airport, Dhaka  | 234642.24 N<br>0902257.90E                                      | Helicopters       | --                  | Will be provided from BAF Base Bashar, Tejgaon |
| Remarks: Direct Speech circuits between RCC and related Rescue units. |   |                   |                     |  |

**GEN 4. CHARGES FOR AERODROME AND AIR NAVIGATION SERVICES**

**GEN 4.1 AERODROME CHARGES**

**1. Introduction**

1.1 The charges set out are common to all Civil Aviation Authority administered aerodromes except where it is stated to the contrary.

1.1.1 Unless an alternative arrangement has been made all charges for use of aerodromes are payable by the pilot of the aircraft on demand or before the aircraft departs from the aerodromes.

1.1.2 Fees shall be paid to the Chairman, Civil Aviation Authority and if not so paid shall be a debt due to Government of Bangladesh jointly and severally from the owner and the Commander of the Aircraft in respect of which the fees are payable.

1.1.3 For the purpose of enforcing payment of fees, the Chairman, Civil Aviation Authority may refuse to permit an aircraft to take off from an aerodrome until all fees have been paid.

1.1.4 No abatement of any fees shall be allowed in the event of any aerodrome service, assistance or other facility being not available & except as provided in these Regulations no exemption or remission shall be granted.

**1.2 LANDING CHARGES**

1.2.1 **Basis.** Maximum take-off weight (MTOW) in the Certificate of Airworthiness (C of A).

1.2.2 The Charges for landing of aircraft other than airship at Government Airports/ Aerodromes shall be as follows:

1.2.3 Landing Charges:

| Total weight of the Aircraft as provided in the certificate of airworthiness | Single Landing Charges (Calculated nearest 1000kg.)             |                      |
|--|---|----------------------|
|  | International Flight  | Domestic Flights.    |
| Not exceeding 10,000 kg  | Such amount of taka as is equivalent to US\$ 5.25 per 1000 kg   | Taka 53 per 1000 kg  |
| Over 10,000kg but not exceeding 20,000 kg                                    | Such amount of taka as is equivalent to US\$ 6.75 per 1000 kg   | Taka 68 per 1000 kg  |
| Over 20,000kg but not exceeding 50,000 kg                                    | Such amount of taka as is equivalent to US \$ 7.5 per 1000 kg   | Taka 83 per 1000 kg  |
| Over 50,000kg. but not exceeding 1,00,000 kg                                 | Such Amount of taka as is equivalent to US \$ 9.75 per 1000 kg  | Taka 150 per 1000 kg |
| Over 1,00,000kg but not exceeding 3,00,000 kg                                | Such amount of taka as is equivalent to US \$ 12 per 1000 kg    | Taka 188 per 1000 kg |
| Over 3,00,000 kg   | Such amount of taka as is equivalent to US \$ 12.75 per 1000 kg | Taka 315 per 1000 kg |

Provided that :-

- (a) the charges may also be paid in U.S. Dollars;
- (b) 10% of the landing charges shall be payable as surcharge for each landing or take-off after sunset and before sunrise;
- (c) in the case of an aircraft engaged in training purpose, 50% of the landing charges shall be payable;
- (d) in the case of an aircraft engaged in test flight only, with the approval of the Airport Manager, 25% of the landing charges shall be payable.

**Exemption:-** The provisions of paragraph 1.2, 1.3, 1.4, 1.6 and GEN 4.2 shall not apply the following cases, namely:

- (a) an aircraft belonging to the United Nations Organization or any of its agencies or International Red Cross engaged in Medical relief or humanitarian mission;
- (b) an aircraft engaged on non-remunerative basis in search and rescue operations or medical relief or humanitarian mission;
- (c) any aircraft engaged in air calibration work;
- (d) an aircraft belonging to Flying Club approved by CAAB engaged in training purpose;
- (e) state aircraft of Bangladesh;
- (f) such aircraft as the Government may deem fit to exempt.

### 1.3 PARKING AND HOUSING CHARGES:

The parking and housing charges of aircraft shall be as follows:

- (a) parking charges for each 24 hours period or part thereof shall be 25% of the landing charges when parking period exceeds 6 hours;
- (b) hangar charges for each 24 hours period or part thereof shall be 50% of the parking charges;
- (c) monthly charges for both parking and hangar shall be 20 times and quarterly charges shall be 50 times of the parking or, as the case may be hangar charges for 24 hours.
- (d) Without written approval of Chairman, CAAB no aircraft shall be allowed to stay on the apron for more than 3 (three) months.

### 1.4 Rate for use of Boarding Bridges at all Airports Or Aerodromes of Bangladesh.

#### 1.4.1 Passenger Boarding Bridge Charges.

(a) Hourly rates for using Boarding Bridge at all airports or aerodromes of Bangladesh shall be as follows:

| <u>All up weight of the aircraft (kg.)</u> | <u>Charges (US\$)</u> |
|--|-----------------------|
| Below 100,000                              | 100                   |
| From 100,000 to below 200,000              | 150                   |
| From 200,000 to below 300,000              | 200                   |
| 300,000 and over                           | 250                   |

(b) Basic Boarding Bridge Charges as mentioned in clause (a) shall apply for the first 2 (two) hours only.

(c) If an aircraft uses Boarding Bridge for more than 2 (two) hours, the rates for each additional half-an-hour, or part thereof, shall be as follows:

| <u>All up weight of the aircraft (kg)</u> | <u>Charges (US\$)</u> |
|---|-----------------------|
| Below 100,000                             | 60                    |
| From 100,000 to below 200,000             | 75                    |
| From 200,000 to below 300,000             | 90                    |
| 300,000 and over                          | 125                   |

(d) If the period of additional use of the Boarding Bridge at Hazrat Shahjalal International Airport is not in busy hours of operation, the applicable rates shall be 50% of the rates mentioned in clause (c).

(e) The right for declaration of the hours of operation at Hazrat Shahjalal International Airport as busy or non-busy lies with the Civil Aviation Authority. The timing will be circulated to the operators at the time of approving the schedule and may be amended from time to time.