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## WITH IMMEDIATE EFFECT

### 1. Contents

- 1.1 Amendment in GEN 1.7 Difference form ICAO Standards Recommended Practices and Procedures.
- 1.2 Sunrise Sun Set data of Kathmandu, Biratnager, Bhairahawa, Pokhara and Nepalgunj for the year 2023.
- 1.3 Correction in Standard Arrival Chart - Instrument (STAR) - ICAO of Bhairahawa (VNBW).
- 1.4 Amendment in Aerodrome data of Chandragadi Airport (VNCG).
- 1.5 Correction in Approach Coding table of Tribhuvan International Airport (VNKT).

### 2. On 1 January 2023, remove and insert following pages.

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

- 1) ANNEX 1 - PERSONNEL LICENSING: 14TH EDITION 2022, AMDT 178 - NIL
- 2) ANNEX 2- RULES OF THE AIR:10TH EDITION 2005, AMDT 47

The following provision has been introduced in Nepal:

### **Chapter – 3**

#### **3.1 Protection of persons and property**

##### **3.1.8 Formation Flights**

No Civil aircraft shall be flown in formation.

**Table 2: Quadrantal Cruising Levels**

000° - 089°	090° - 179°	180° - 269°	270° - 359°
ODD Thousand	ODD +500 ft	EVEN Thousand	EVEN +500 ft
3000 ft	3500 ft	4000 ft	4500 ft
5000 ft	5500 ft	6000 ft	6500 ft
7000 ft	7500 ft	8000 ft	8500 ft
9000 ft	9500 ft	10000 ft	10500 ft
11000 ft	11500 ft	12000 ft	12500 ft
13000 ft	13500 ft		

3) ANNEX 3 - METEOROLOGICAL SERVICE FOR INTERNATIONAL AIR NAVIGATION :  
20TH EDITION 2018, AMDT 18 - NIL

4) ANNEX 4 - AERONAUTICAL CHARTS : 11TH EDITION 2009 AMDT 61

The following provision has been introduced in Nepal:

#### Chapter –5

##### 5.2 Availability

5.2.1 By 1 January 2023, Aerodrome Terrain and Obstacle Charts — ICAO Electronic shall be made available in the manner prescribed in 1.3.2 for aerodromes regularly used by international civil aviation.

5. ANNEX 5- UNITS OF MEASUREMENT TO BE USED IN AIR AND GROUND OPERATION 5TH  
EDITION 2010 AMDT 17 - NIL



6. ANNEX 6 - OPERATION OF AIRCRAFT :  
PART I : 12TH EDITION 2022    PART II : 11TH EDITION 2022    PART III : 11TH EDITION 2022

The following provision has been introduced in Nepal:

Chapter –4  
4.2 Operational certification and supervision  
4.2.4 Operating instructions – general

4.2.4.3 The operator should issue operating instructions and provide information on aeroplane climb performance with all engines operating to enable the pilot-in-command to determine the climb gradient that can be achieved during the departure phase for the existing take-off conditions and intended take-off technique. This information should be included in the operations manual.

4.4 In-flight procedures

4.4.6 Safeguarding of cabin crew and passengers in pressurized aeroplanes in the event of loss of pressurization

4.4.6.1 Cabin crew should be safeguarded so as to ensure reasonable probability of their retaining consciousness during any emergency descent which may be necessary in the event of loss of pressurization and, in addition, they shall have such means of protection as will enable them to administer first aid to passengers during stabilized flight following the emergency. Passengers should be safeguarded by such devices or operational procedures as will ensure reasonable probability of their surviving the effects of hypoxia in the event of loss of pressurization.

4.9 Single pilot operations under the Instrument Flight Rules (IFR) or at night

4.9.1 A single-engine aeroplane shall not be operated under the IFR by a single pilot or at night for commercial operations.

4.10.4 Reserved

4.10.5 Reserved

4.10.6 Reserved

6.2.2 An aeroplane shall be equipped with:

- a) Accessible and adequate medical supplies appropriate to the number of passengers the aeroplane is authorized to carry, as specified by Director General, CAAN.

Medical supplies should comprise;

- 1) One or more first aid kits for the use of cabin crew in managing incidents of ill health; and
- 2) For aeroplanes required to carry cabin crew as part of the operating crew, one universal precaution kit (two for aeroplanes authorized to carry more than 250 passengers) for the use of cabin crew members in managing incidents of ill health associated with a case of suspected communicable disease, or in the case of illness involving contact with body fluids; and

Chapter -11  
11.4 Journey log book

11.4.2 Entries in the journey log book should be made currently and in ink or indelible pencil.

11.4.3 Completed journey log book should be retained to provide a continuous record of the last six months' operations.

Chapter -13  
13.1 Domestic and International Commercial Operations

Information set forth in this Chapter is applicable to all operators engaged in domestic and international commercial air operations.

13.6 Weapons and least-risk Bomb location

13.6.1 Specialized means of attenuating and directing the blast should be provided for use at the least-risk bomb location.

13.6.2 Where an operator accepts the carriage of weapons removed from passengers, the aeroplane should have provision for stowing such weapons in a place so that they are inaccessible to any person during flight time.

- 7) ANNEX 7 - AIRCRAFT NATIONALITY AND REGISTRATION MARKS : 6TH EDITION 2012 - NIL
- 8) ANNEX 8 - AIRWORTHINESS OF AIRCRAFT : 13TH EDITION 2022 - NIL
- 9) ANNEX 9 - FACILITATION : 16TH EDITION 2022 AMDT 29 - NIL
- 10) ANNEX 10 - AERONAUTICAL TELECOMMUNICATION :  
VOL I : 7TH EDITION 2018 AMDT 92- NIL      VOL II : 7TH EDITION 2016 AMDT 92- NIL  
VOL III : 2ND EDITION 2007 AMDT 91- NIL      VOL IV : 5TH EDITION 2014 AMDT 91- NIL  
VOL V : 3RD EDITION 2013 AMDT 90 - NIL      VOL VI : 1ST EDITION 2021 - NIL
- 11) ANNEX 11 - AIR TRAFFIC SERVICES : 15TH EDITION 2018 AMDT 52- NIL
- 12) ANNEX 12 - SEARCH AND RESCUE : 8TH EDITION 2004 AMDT 18 - NIL
- 13) ANNEX 13 - AIRCRAFT ACCIDENT AND INCIDENT INVESTIGATION : 12TH EDITION 2020 - NIL
- 14) ANNEX 14 - AERODROMES :  
VOL I : 9TH EDITION 2022 - NIL      VOL II : 5TH EDITION 2020 - NIL
- 15) ANNEX 15 - AERONAUTICAL INFORMATION SERVICES: 16TH EDITION 2018 AMDT 42- NIL
- 16) ANNEX 16 - ENVIRONMENTAL PROTECTION:  
VOL I : 8TH EDITION 2017 AMDT 13 - NIL      VOL II : 4TH EDITION 2017 AMDT 10 - NIL  
VOL III : 1ST EDITION 2017 AMDT 1 - NIL      VOL IV : 1ST EDITION 2018 AMDT - NIL
- 17) ANNEX 17 - AVIATION SECURITY : 12TH EDITION 2022 - NIL
- 18) ANNEX 18 - THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR : 4TH EDITION 2011  
AMDT 12 - NIL
- 19) ANNEX 19 - SAFETY MANAGEMENT : 2ND EDITION 2016 - NIL



**SUNRISE/SUNSET, 2023**

1. The Sunrise/Sunset tables on the following pages have been prepared by the Department of Hydrology and Meteorology of Nepal for TIA, Kathmandu; Biratnagar Airport, Biratnagar ; Pokhara Airport, Pokhara ; Gautam Buddha Airport, Bhairahawa ; Nepalgunj Airport, Nepalgunj and are reproduced here with their permission.
2. The times in the table are given in UTC for beginning of civil morning twilight (TWIL FROM), Sunrise (SR) Sunset (SS), and end of civil evening twilight (TWIL TO) for the year 2023.
3. The times given for the beginning of civil morning twilight and end of civil evening twilight are calculated for an altitude of the Sun 60 below the horizon, as commonly used.

**Sunrise-Sunset****KATHMANDU****VNKT****274146N, 0852138E****2023 SUNRISE SUNSET TWIL FROM TWIL TO IN UTC TIME**

Month	Day	Twilight From(hhmm)	Sun Rise (hhmm)	Sun Set (hhmm)	Twilight To (hhmm)
Jan.	1	00:53	01:08	11:33	11:48
Jan.	4	00:54	01:09	11:36	11:51
Jan	8	00:55	01:10	11:39	11:54
Jan	12	00:55	01:10	11:42	11:57
Jan	16	00:56	01:11	11:45	12:00
Jan	20	00:55	01:10	11:48	12:03
Jan	24	00:53	01:08	11:52	12:07
Jan	28	00:52	01:07	11:55	12:10
Feb.	1	00:51	01:06	11:59	12:14
Feb.	5	00:48	01:03	12:01	12:16
Feb	9	00:45	01:00	12:04	12:19
Feb	13	00:43	00:58	12:08	12:23
Feb	17	00:40	00:55	12:10	12:25
Feb	21	00:36	00:51	12:13	12:28
Feb	25	00:32	00:47	12:16	12:31

Mar.	1	00:28	00:43	12:18	12:33
Mar.	5	00:24	00:39	12:20	12:35
Mar	9	00:20	00:35	12:23	12:38
Mar	13	00:16	00:31	12:26	12:41
Mar	17	00:11	00:26	12:27	12:42
Mar	21	00:06	00:21	12:30	12:45
Mar	25	00:02	00:17	12:32	12:47
Mar	29	23:58	00:13	12:34	12:49
Apr.	2	23:53	00:08	12:36	12:51
Apr.	6	23:48	00:03	12:38	12:53
Apr	10	23:45	00:00	12:40	12:55
Apr	14	23:40	23:55	12:42	12:57
Apr	18	23:36	23:51	12:45	13:00
Apr	22	23:32	23:47	12:47	13:02
Apr	26	23:28	23:43	12:49	13:04
Apr	30	23:25	23:40	12:51	13:06
May	4	23:21	23:36	12:54	13:09
May	8	23:19	23:34	12:56	13:11
May	12	23:16	23:31	12:58	13:13
May	16	23:13	23:28	13:01	13:16
May	20	23:11	23:26	13:03	13:18
May	24	23:09	23:24	13:05	13:20
May	28	23:09	23:24	13:07	13:22
June	1	23:08	23:23	13:09	13:24
June	5	23:07	23:22	13:11	13:26
June	9	23:06	23:21	13:13	13:28
June	13	23:06	23:21	13:15	13:30
June	17	23:07	23:22	13:16	13:31
June	21	23:07	23:22	13:17	13:32
June	25	23:08	23:23	13:18	13:33
June	29	23:10	23:25	13:18	13:33
July	3	23:11	23:26	13:18	13:33
July	7	23:13	23:28	13:18	13:33
July	11	23:15	23:30	13:17	13:32
July	15	23:17	23:32	13:16	13:31
July	19	23:19	23:34	13:15	13:30
July	23	23:20	23:35	13:13	13:28
July	27	23:23	23:38	13:11	13:26
July	31	23:25	23:40	13:08	13:23



Aug.	4	23:28	23:43	13:06	13:21
Aug.	8	23:30	23:45	13:03	13:18
Aug	12	23:31	23:46	13:00	13:15
Aug	16	23:34	23:49	12:56	13:11
Aug	20	23:36	23:51	12:52	13:07
Aug	24	23:37	23:52	12:48	13:03
Aug	28	23:40	23:55	12:44	12:59
Sept.	1	23:42	23:57	12:39	12:54
Sept.	5	23:43	23:58	12:35	12:50
Sept.	9	23:45	00:00	12:31	12:46
Sept.	13	23:47	00:02	12:26	12:41
Sept.	17	23:49	00:04	12:21	12:36
Sept.	21	23:51	00:06	12:17	12:32
Sept.	25	23:53	00:08	12:12	12:27
Sept.	29	23:55	00:10	12:07	12:22
Oct.	3	23:56	00:11	12:03	12:18
Oct.	7	23:59	00:14	11:58	12:13
Oct	11	00:01	00:16	11:53	12:08
Oct	15	00:03	00:18	11:50	12:05
Oct	19	00:05	00:20	11:46	12:01
Oct	23	00:08	00:23	11:42	11:57
Oct	27	00:11	00:26	11:39	11:54
Oct	31	00:13	00:28	11:35	11:50
Nov.	4	00:16	00:31	11:32	11:47
Nov.	8	00:19	00:34	11:30	11:45
Nov	12	00:22	00:37	11:28	11:43
Nov	16	00:24	00:39	11:26	11:41
Nov	20	00:28	00:43	11:24	11:39
Nov	24	00:31	00:46	11:23	11:38
Nov	28	00:34	00:49	11:22	11:37
Dec.	2	00:37	00:52	11:22	11:37
Dec.	6	00:40	00:55	11:23	11:38
Dec	10	00:43	00:58	11:23	11:38
Dec	14	00:45	01:00	11:24	11:39
Dec	18	00:48	01:03	11:26	11:41
Dec	22	00:50	01:05	11:28	11:43
Dec	26	00:52	01:07	11:30	11:45
Dec	30	00:53	01:08	11:32	11:47
Dec	31	00:54	01:09	11:35	11:50

**SUNRISE-SUNSET**  
**BIRATNAGAR (VNVT)**  
**26 29 03N, 087 15 52E**

Month	Day	Twilight From(hhmm)	Sun Rise (hhmm)	Sun Set (hhmm)	Twilight To (hhmm)
Jan.	1	00:43	00:58	11:28	11:43
Jan.	4	00:44	00:59	11:31	11:46
Jan	8	00:45	01:00	11:33	11:48
Jan	12	00:45	01:00	11:36	11:51
Jan	16	00:46	01:01	11:40	11:55
Jan	20	00:45	01:00	11:43	11:58
Jan	24	00:43	00:58	11:46	12:01
Jan	28	00:43	00:58	11:49	12:04
Feb.	1	00:41	00:56	11:53	12:08
Feb.	5	00:39	00:54	11:55	12:10
Feb	9	00:36	00:51	11:58	12:13
Feb	13	00:34	00:49	12:01	12:16
Feb	17	00:31	00:46	12:04	12:19
Feb	21	00:27	00:42	12:07	12:22
Feb	25	00:24	00:39	12:09	12:24
Mar.	1	00:20	00:35	12:12	12:27
Mar.	5	00:16	00:31	12:13	12:28
Mar	9	00:12	00:27	12:16	12:31
Mar	13	00:08	00:23	12:18	12:33
Mar	17	00:03	00:18	12:20	12:35
Mar	21	23:59	00:14	12:22	12:37
Mar	25	23:55	00:10	12:24	12:39
Mar	29	23:50	00:05	12:26	12:41
Apr.	2	23:46	00:01	12:28	12:43
Apr.	6	23:42	23:57	12:29	12:44
Apr	10	23:38	23:53	12:32	12:47
Apr	14	23:33	23:48	12:34	12:49
Apr	18	23:30	23:45	12:36	12:51
Apr	22	23:25	23:40	12:38	12:53
Apr	26	23:22	23:37	12:40	12:55
Apr	30	23:19	23:34	12:42	12:57

May	4	23:15	23:30	12:44	12:59
May	8	23:13	23:28	12:47	13:02
May	12	23:10	23:25	12:49	13:04
May	16	23:08	23:23	12:51	13:06
May	20	23:06	23:21	12:53	13:08
May	24	23:04	23:19	12:55	13:10
May	28	23:03	23:18	12:57	13:12
June	1	23:02	23:17	12:59	13:14
June	5	23:02	23:17	13:01	13:16
June	9	23:01	23:16	13:03	13:18
June	13	23:01	23:16	13:05	13:20
June	17	23:02	23:17	13:06	13:21
June	21	23:02	23:17	13:07	13:22
June	25	23:03	23:18	13:08	13:23
June	29	23:05	23:20	13:08	13:23
July	3	23:06	23:21	13:08	13:23
July	7	23:08	23:23	13:08	13:23
July	11	23:10	23:25	13:07	13:22
July	15	23:11	23:26	13:06	13:21
July	19	23:13	23:28	13:05	13:20
July	23	23:15	23:30	13:03	13:18
July	27	23:18	23:33	13:01	13:16
July	31	23:19	23:34	12:59	13:14
Aug.	4	23:22	23:37	12:56	13:11
Aug.	8	23:24	23:39	12:54	13:09
Aug	12	23:25	23:40	12:51	13:06
Aug	16	23:28	23:43	12:47	13:02
Aug	20	23:29	23:44	12:43	12:58
Aug	24	23:31	23:46	12:39	12:54
Aug	28	23:33	23:48	12:35	12:50
Sept.	1	23:35	23:50	12:31	12:46
Sept.	5	23:37	23:52	12:26	12:41
Sept.	9	23:38	23:53	12:23	12:38
Sept.	13	23:40	23:55	12:18	12:33
Sept.	17	23:41	23:56	12:13	12:28
Sept.	21	23:43	23:58	12:09	12:24
Sept.	25	23:45	00:00	12:04	12:19
Sept.	29	23:47	00:02	12:00	12:15

Oct.	3	23:48	00:03	11:55	12:10
Oct.	7	23:51	00:06	11:51	12:06
Oct	11	23:52	00:07	11:47	12:02
Oct	15	23:54	00:09	11:43	11:58
Oct	19	23:57	00:12	11:39	11:54
Oct	23	23:59	00:14	11:36	11:51
Oct	27	00:02	00:17	11:32	11:47
Oct	31	00:04	00:19	11:29	11:44
Nov.	4	00:07	00:22	11:26	11:41
Nov.	8	00:10	00:25	11:24	11:39
Nov	12	00:12	00:27	11:22	11:37
Nov	16	00:15	00:30	11:20	11:35
Nov	20	00:18	00:33	11:18	11:33
Nov	24	00:21	00:36	11:18	11:33
Nov	28	00:24	00:39	11:17	11:32
Dec.	2	00:27	00:42	11:17	11:32
Dec.	6	00:30	00:45	11:17	11:32
Dec	10	00:33	00:48	11:18	11:33
Dec	14	00:35	00:50	11:19	11:34
Dec	18	00:38	00:53	11:21	11:36
Dec	22	00:40	00:55	11:23	11:38
Dec	26	00:42	00:57	11:25	11:40
Dec	30	00:43	00:58	11:27	11:42
Dec	31	00:44	00:59	11:30	11:45

**SUNRISE/SUNSET**  
**POKHARA (VNPK)**  
**28 11 57N, 083 58 43E**

Month	Day	Twilight From(hhmm)	Sun Rise (hhmm)	Sun Set (hhmm)	Twilight To (hhmm)
Jan.	1	01:00	01:15	11:37	11:52
Jan.	4	01:01	01:16	11:40	11:55
Jan	8	01:02	01:17	11:43	11:58
Jan	12	01:02	01:17	11:46	12:01
Jan	16	01:02	01:17	11:50	12:05
Jan	20	01:01	01:16	11:53	12:08
Jan	24	01:00	01:15	11:57	12:12
Jan	28	00:59	01:14	11:59	12:14
Feb.	1	00:57	01:12	12:03	12:18
Feb.	5	00:54	01:09	12:06	12:21
Feb	9	00:51	01:06	12:09	12:24
Feb	13	00:49	01:04	12:13	12:28
Feb	17	00:46	01:01	12:15	12:30
Feb	21	00:42	00:57	12:18	12:33
Feb	25	00:38	00:53	12:21	12:36
Mar.	1	00:34	00:49	12:24	12:39
Mar.	5	00:30	00:45	12:25	12:40
Mar	9	00:26	00:41	12:28	12:43
Mar	13	00:21	00:36	12:31	12:46
Mar	17	00:16	00:31	12:33	12:48
Mar	21	00:12	00:27	12:35	12:50
Mar	25	00:08	00:23	12:37	12:52
Mar	29	00:03	00:18	12:40	12:55
Apr.	2	23:58	00:13	12:42	12:57
Apr.	6	23:54	00:09	12:44	12:59
Apr	10	23:50	00:05	12:46	13:01
Apr	14	23:45	00:00	12:48	13:03
Apr	18	23:41	23:56	12:51	13:06
Apr	22	23:37	23:52	12:53	13:08
Apr	26	23:33	23:48	12:55	13:10
Apr	30	23:30	23:45	12:57	13:12



May	4	23:26	23:41	13:00	13:15
May	8	23:23	23:38	13:03	13:18
May	12	23:20	23:35	13:05	13:20
May	16	23:18	23:33	13:07	13:22
May	20	23:16	23:31	13:09	13:24
May	24	23:14	23:29	13:12	13:27
May	28	23:13	23:28	13:14	13:29
June	1	23:12	23:27	13:16	13:31
June	5	23:11	23:26	13:18	13:33
June	9	23:11	23:26	13:20	13:35
June	13	23:11	23:26	13:22	13:37
June	17	23:12	23:27	13:23	13:38
June	21	23:12	23:27	13:24	13:39
June	25	23:13	23:28	13:25	13:40
June	29	23:15	23:30	13:25	13:40
July	3	23:16	23:31	13:25	13:40
July	7	23:17	23:32	13:25	13:40
July	11	23:19	23:34	13:24	13:39
July	15	23:21	23:36	13:23	13:38
July	19	23:23	23:38	13:21	13:36
July	23	23:25	23:40	13:19	13:34
July	27	23:28	23:43	13:17	13:32
July	31	23:30	23:45	13:15	13:30
Aug.	4	23:32	23:47	13:12	13:27
Aug.	8	23:34	23:49	13:09	13:24
Aug	12	23:36	23:51	13:06	13:21
Aug	16	23:39	23:54	13:02	13:17
Aug	20	23:41	23:56	12:58	13:13
Aug	24	23:42	23:57	12:54	13:09
Aug	28	23:45	00:00	12:50	13:05
Sept.	1	23:47	00:02	12:45	13:00
Sept.	5	23:49	00:04	12:41	12:56
Sept.	9	23:50	00:05	12:37	12:52
Sept.	13	23:52	00:07	12:32	12:47
Sept.	17	23:54	00:09	12:27	12:42
Sept.	21	23:56	00:11	12:22	12:37
Sept.	25	23:58	00:13	12:18	12:33
Sept.	29	00:00	00:15	12:13	12:28

Oct.	3	00:02	00:17	12:08	12:23
Oct.	7	00:05	00:20	12:03	12:18
Oct	11	00:07	00:22	11:59	12:14
Oct	15	00:09	00:24	11:55	12:10
Oct	19	00:11	00:26	11:51	12:06
Oct	23	00:14	00:29	11:47	12:02
Oct	27	00:17	00:32	11:44	11:59
Oct	31	00:19	00:34	11:40	11:55
Nov.	4	00:22	00:37	11:37	11:52
Nov.	8	00:25	00:40	11:34	11:49
Nov	12	00:28	00:43	11:32	11:47
Nov	16	00:31	00:46	11:30	11:45
Nov	20	00:34	00:49	11:29	11:44
Nov	24	00:37	00:52	11:28	11:43
Nov	28		00:55	11:27	11:42
Dec.	2	00:44	00:59	11:27	11:42
Dec.	6	00:47	01:02	11:27	11:42
Dec	10	00:50	01:05	11:27	11:42
Dec	14	00:52	01:07	11:29	11:44
Dec	18	00:55	01:10	11:30	11:45
Dec	22	00:57	01:12	11:32	11:47
Dec	26	00:59	01:14	11:34	11:49
Dec	30	01:00	01:15	11:36	11:51
Dec	31	01:01	01:16	11:39	11:54

**SUNRISE/SUNSET**  
**BHAIRAWAHA (VNBW)**  
**27 30 26N, 083 25 05E**

<b>Month</b>	<b>Day</b>	<b>Twilight From(hhmm)</b>	<b>Sun Rise (hhmm)</b>	<b>Sun Set (hhmm)</b>	<b>Twilight To (hhmm)</b>
Jan.	1	01:01	01:16	11:41	11:56
Jan.	4	01:02	01:17	11:44	11:59
Jan	8	01:03	01:18	11:47	12:02
Jan	12	01:03	01:18	11:50	12:05
Jan	16	01:03	01:18	11:53	12:08
Jan	20	01:02	01:17	11:56	12:11
Jan	24	01:01	01:16	12:00	12:15
Jan	28	01:00	01:15	12:03	12:18
Feb.	1	00:58	01:13	12:07	12:22
Feb.	5	00:55	01:10	12:09	12:24
Feb	9	00:53	01:08	12:12	12:27
Feb	13	00:50	01:05	12:16	12:31
Feb	17	00:47	01:02	12:18	12:33
Feb	21	00:44	00:59	12:21	12:36
Feb	25	00:40	00:55	12:24	12:39
Mar.	1	00:36	00:51	12:26	12:41
Mar.	5	00:32	00:47	12:28	12:43
Mar	9	00:28	00:43	12:31	12:46
Mar	13	00:23	00:38	12:33	12:48
Mar	17	00:19	00:34	12:35	12:50
Mar	21	00:14	00:29	12:38	12:53
Mar	25	00:10	00:25	12:39	12:54
Mar	29	00:06	00:21	12:42	12:57
Apr.	2	00:01	00:16	12:44	12:59
Apr.	6	23:56	00:11	12:45	13:00
Apr	10	23:53	00:08	12:48	13:03
Apr	14	23:48	00:03	12:50	13:05
Apr	18	23:44	23:59	12:52	13:07
Apr	22	23:40	23:55	12:54	13:09
Apr	26	23:36	23:51	12:57	13:12
Apr	30	23:33	23:48	12:59	13:14

May	4	23:29	23:44	13:01	13:16
May	8	23:27	23:42	13:04	13:19
May	12	23:24	23:39	13:06	13:21
May	16	23:21	23:36	13:08	13:23
May	20	23:19	23:34	13:10	13:25
May	24	23:18	23:33	13:13	13:28
May	28	23:17	23:32	13:15	13:30
June	1	23:16	23:31	13:17	13:32
June	5	23:15	23:30	13:19	13:34
June	9	23:14	23:29	13:21	13:36
June	13	23:14	23:29	13:22	13:37
June	17	23:15	23:30	13:23	13:38
June	21	23:15	23:30	13:24	13:39
June	25	23:16	23:31	13:25	13:40
June	29	23:18	23:33	13:25	13:40
July	3	23:19	23:34	13:26	13:41
July	7	23:21	23:36	13:26	13:41
July	11	23:23	23:38	13:25	13:40
July	15	23:25	23:40	13:24	13:39
July	19	23:27	23:42	13:22	13:37
July	23	23:29	23:44	13:20	13:35
July	27	23:31	23:46	13:18	13:33
July	31	23:33	23:48	13:16	13:31
Aug.	4	23:36	23:51	13:13	13:28
Aug.	8	23:38	23:53	13:10	13:25
Aug	12	23:39	23:54	13:07	13:22
Aug	16	23:42	23:57	13:04	13:19
Aug	20	23:44	23:59	13:00	13:15
Aug	24	23:45	00:00	12:55	13:10
Aug	28	23:48	00:03	12:52	13:07
Sept.	1	23:50	00:05	12:47	13:02
Sept.	5	23:51	00:06	12:42	12:57
Sept.	9	23:53	00:08	12:39	12:54
Sept.	13	23:55	00:10	12:34	12:49
Sept.	17	23:57	00:12	12:29	12:44
Sept.	21	23:58	00:13	12:25	12:40
Sept.	25	00:01	00:16	12:20	12:35
Sept.	29	00:02	00:17	12:15	12:30

Oct.	3	00:04	00:19	12:11	12:26
Oct.	7	00:07	00:22	12:06	12:21
Oct	11	00:08	00:23	12:01	12:16
Oct	15	00:10	00:25	11:58	12:13
Oct	19	00:13	00:28	11:54	12:09
Oct	23	00:15	00:30	11:50	12:05
Oct	27	00:18	00:33	11:47	12:02
Oct	31	00:21	00:36	11:43	11:58
Nov.	4	00:24	00:39	11:40	11:55
Nov.	8	00:26	00:41	11:38	11:53
Nov	12	00:29	00:44	11:36	11:51
Nov	16	00:32	00:47	11:34	11:49
Nov	20	00:35	00:50	11:32	11:47
Nov	24	00:38	00:53	11:31	11:46
Nov	28	00:41	00:56	11:31	11:46
Dec.	2	00:45	01:00	11:31	11:46
Dec.	6	00:48	01:03	11:31	11:46
Dec	10	00:51	01:06	11:31	11:46
Dec	14	00:53	01:08	11:32	11:47
Dec	18	00:56	01:11	11:34	11:49
Dec	22	00:58	01:13	11:36	11:51
Dec	26	00:59	01:14	11:38	11:53
Dec	30	01:01	01:16	11:40	11:55
Dec	31	01:02	01:17	11:43	11:58



**SUNRISE/SUNSET**  
**NEPALGANJ (VNNG)**  
**280606N 0813959E**

Month	Day	Twilight From(hhmm)	Sun Rise (hhmm)	Sun Set (hhmm)	Twilight To (hhmm)
Jan.	0	01:09	01:24	11:47	12:02
Jan.	4	01:10	01:25	11:50	12:05
Jan	8	01:11	01:26	11:53	12:08
Jan	12	01:11	01:26	11:56	12:11
Jan	16	01:11	01:26	11:59	12:14
Jan	20	01:10	01:25	12:02	12:17
Jan	24	01:09	01:24	12:06	12:21
Jan	28	01:08	01:23	12:09	12:24
Feb.	1	01:06	01:21	12:13	12:28
Feb.	5	01:03	01:18	12:15	12:30
Feb	9	01:01	01:16	12:18	12:33
Feb	13	00:58	01:13	12:22	12:37
Feb	17	00:55	01:10	12:25	12:40
Feb	21	00:51	01:06	12:28	12:43
Feb	25	00:47	01:02	12:30	12:45
Mar.	1	00:44	00:59	12:33	12:48
Mar.	5	00:39	00:54	12:35	12:50
Mar	9	00:35	00:50	12:38	12:53
Mar	13	00:30	00:45	12:40	12:55
Mar	17	00:26	00:41	12:42	12:57
Mar	21	00:21	00:36	12:45	13:00
Mar	25	00:17	00:32	12:46	13:01
Mar	29	00:12	00:27	12:49	13:04
Apr.	2	00:08	00:23	12:51	13:06
Apr.	6	00:03	00:18	12:53	13:08
Apr	10	23:59	00:14	12:56	13:11
Apr	14	23:54	00:09	12:57	13:12
Apr	18	23:51	00:06	13:00	13:15
Apr	22	23:46	00:01	13:02	13:17
Apr	26	23:42	23:57	13:05	13:20
Apr	30	23:39	23:54	13:06	13:21

May	4	23:35	23:50	13:09	13:24
May	8	23:33	23:48	13:12	13:27
May	12	23:30	23:45	13:14	13:29
May	16	23:27	23:42	13:16	13:31
May	20	23:25	23:40	13:18	13:33
May	24	23:23	23:38	13:21	13:36
May	28	23:23	23:38	13:23	13:38
June	1	23:22	23:37	13:25	13:40
June	5	23:21	23:36	13:27	13:42
June	9	23:20	23:35	13:29	13:44
June	13	23:20	23:35	13:31	13:46
June	17	23:21	23:36	13:32	13:47
June	21	23:21	23:36	13:33	13:48
June	25	23:22	23:37	13:34	13:49
June	29	23:24	23:39	13:34	13:49
July	3	23:25	23:40	13:34	13:49
July	7	23:27	23:42	13:34	13:49
July	11	23:29	23:44	13:33	13:48
July	15	23:31	23:46	13:32	13:47
July	19	23:33	23:48	13:30	13:45
July	23	23:34	23:49	13:28	13:43
July	27	23:37	23:52	13:26	13:41
July	31	23:39	23:54	13:24	13:39
Aug.	4	23:42	23:57	13:21	13:36
Aug.	8	23:44	23:59	13:18	13:33
Aug	12	23:45	00:00	13:15	13:30
Aug	16	23:48	00:03	13:11	13:26
Aug	20	23:50	00:05	13:08	13:23
Aug	24	23:52	00:07	13:03	13:18
Aug	28	23:54	00:09	12:59	13:14
Sept.	1	23:56	00:11	12:55	13:10
Sept.	5	23:58	00:13	12:50	13:05
Sept.	9	00:00	00:15	12:46	13:01
Sept.	13	00:02	00:17	12:41	12:56
Sept.	17	00:03	00:18	12:36	12:51
Sept.	21	00:05	00:20	12:32	12:47
Sept.	25	00:08	00:23	12:27	12:42
Sept.	29	00:09	00:24	12:22	12:37

Oct.	3	00:11	00:26	12:17	12:32
Oct.	7	00:14	00:29	12:13	12:28
Oct	11	00:16	00:31	12:08	12:23
Oct	15	00:18	00:33	12:04	12:19
Oct	19	00:20	00:35	12:00	12:15
Oct	23	00:23	00:38	11:57	12:12
Oct	27	00:26	00:41	11:53	12:08
Oct	31	00:29	00:44	11:49	12:04
Nov.	4	00:31	00:46	11:46	12:01
Nov.	8	00:34	00:49	11:44	11:59
Nov	12	00:37	00:52	11:42	11:57
Nov	16	00:40	00:55	11:40	11:55
Nov	20	00:43	00:58	11:38	11:53
Nov	24	00:46	01:01	11:37	11:52
Nov	28	00:49	01:04	11:36	11:51
Dec.	2	00:53	01:08	11:36	11:51
Dec.	6	00:56	01:11	11:37	11:52
Dec	10	00:59	01:14	11:37	11:52
Dec	14	01:01	01:16	11:38	11:53
Dec	18	01:04	01:19	11:40	11:55
Dec	22	01:06	01:21	11:42	11:57
Dec	26	01:08	01:23	11:44	11:59
Dec	30	01:09	01:24	11:46	12:01
Dec	31	01:10	01:25	11:49	12:04

**THARA 1B SID CODING TABLE**

<i>Serial No.</i>	<i>Path Descriptor</i>	<i>Waypoint Identifier</i>	<i>Flyover</i>	<i>Course/Track (°M/°T)</i>	<i>Magnetic Variation</i>	<i>Distance (NM)</i>	<i>Turn Direction</i>	<i>Altitude (ft)</i>	<i>Speed (kts)</i>	<i>VPA/TCH</i>	<i>Navigation Specification</i>
001	CA	-	-	278°	0.0	-	R	@1000	-	-	RNP-1
002	DF	BW502	-	-	0.0	-	L	@5000	-	-	RNP-1
003	TF	THARA	-	318°	0.0	19.5	-	+10500	-	-	RNP-1

**7. RNP 1 STARs CODING TABLE****LAMES 1R STAR CODING TABLE**

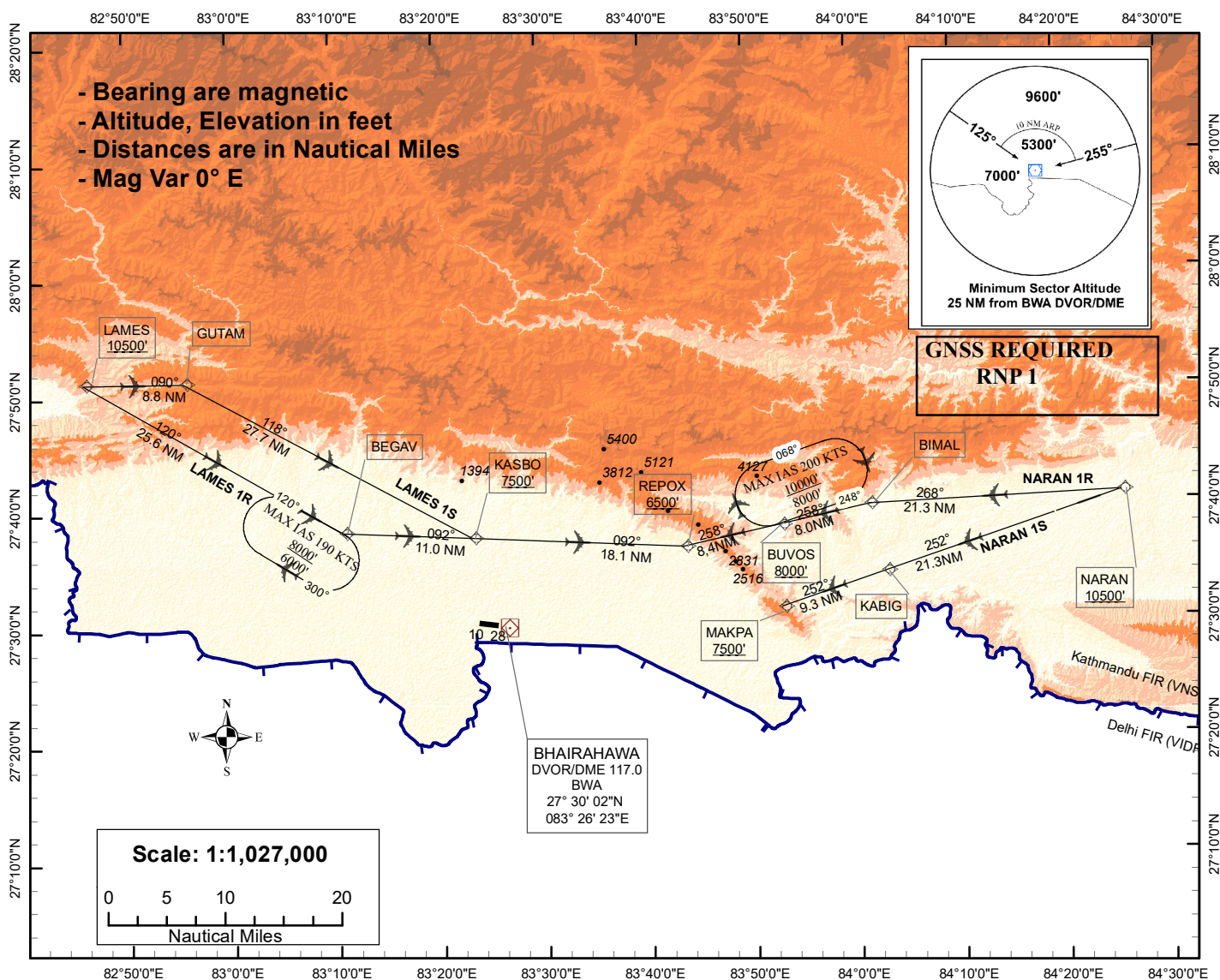
<i>Serial No.</i>	<i>Path Descriptor</i>	<i>Waypoint Identifier</i>	<i>Fly-over</i>	<i>Course/Track (°M/°T)</i>	<i>Magnetic Variation</i>	<i>Distance (NM)</i>	<i>Turn Direction</i>	<i>Altitude (ft)</i>	<i>Speed (kts)</i>	<i>VPA/TCH</i>	<i>Navigation Specification</i>
001	IF	LAMES	-	-	-	-	-	+10500	-	-	RNP-1
002	TF	BEGAV	-	120°	-	25.6	L	-	-	-	RNP-1
003	TF	KASBO	-	092°	-	11.0	-	+7500	-	-	RNP-1
004	TF	REPOX	-	092°	-	18.1	-	+6500	-	-	RNP-1

**LAMES 1S STAR CODING TABLE**

<i>Serial No.</i>	<i>Path Descriptor</i>	<i>Waypoint Identifier</i>	<i>Fly-over</i>	<i>Course/Track (°M/°T)</i>	<i>Magnetic Variation</i>	<i>Distance (NM)</i>	<i>Turn Direction</i>	<i>Altitude (ft)</i>	<i>Speed (kts)</i>	<i>VPA/TCH</i>	<i>Navigation Specification</i>
001	IF	LAMES	-	-	-	-	-	+10500	-	-	RNP-1
002	TF	GUTAM	-	090°	-	8.8	R	-	-	-	RNP-1
003	TF	KASBO	-	118°	-	27.7	L	+7500	-	-	RNP-1
004	TF	REPOX	-	092°	-	18.1	-	+6500	-	-	RNP-1

**NARAN 1S STAR CODING TABLE**

<i>Serial No.</i>	<i>Path Descriptor</i>	<i>Waypoint Identifier</i>	<i>Fly-over</i>	<i>Course/Track (°M/°T)</i>	<i>Magnetic Variation</i>	<i>Distance (NM)</i>	<i>Turn Direction</i>	<i>Altitude (ft)</i>	<i>Speed (kts)</i>	<i>VPA/TCH</i>	<i>Navigation Specification</i>
001	IF	NARAN	-	-	-	-	-	+10500	-	-	RNP-1
002	TF	KABIG	-	252°	-	21.3	-	-	-	-	RNP-1
003	TF	MAKPA	-	252°	-	9.3	-	+7500	-	-	RNP-1

STANDARD ARRIVAL  
CHART - INSTRUMENT  
(STAR) - ICAOAERODROME ELEV 347'  
TRANS LEVEL: FL 150  
TRANS ALT: 13,500 ft.TWR 119.55 MHz  
APP 124.95 MHz  
ATIS 128.05 MHzBHAIRAHAWA, NEPAL (VNBW)  
Gautam Buddha International Airport  
RWY 28  
LAMES 1R, LAMES 1S  
NARAN 1R, NARAN 1S,

STAR	Routes
LAMES 1 R	From LAMES to BEGAV then to KASBO at or above 7500 ft then to REPOX at or above 6500 ft.
LAMES 1S	From LAMES to GUTAM then to KASBO at or above 7500 ft then to REPOX at or above 6500 ft.
NARAN 1R	From NARAN to BIMAL then to BUVOS at or above 8000ft and then to REPOX at or above 6500 ft .
NARAN 1S	From NARAN to KABIG and then to MAKPA at or above 7500 ft .



### VNCG AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Available with local airlines operator
2.	Fuel/Oil Types	Jet A1/Not Available
3.	Fuelling facilities/capacity	<b>Storage Capacity (KL):</b> Physical -76, Mobile-23  <b>Storage Type:</b> Physical and Refueling  <b>Refueller Details:</b> AR22 (12 KL), AR29 (11 KL)
4.	De-icing facilities	NIL
5.	Hangar space for visiting aircraft	NIL
6.	Repair facilities for visiting aircraft	NIL
7.	Remarks	-

### VNCG AD 2.5 PASSENGER FACILITIES

1.	Hotels	in the city
2.	Restaurants	in the city
3.	Transportation	Taxi Service, Rickshaw from AD
4.	Medical Facilities	First Aid at AD, Hospitals in the city.
5.	Bank and Post Office	NIL
6.	Tourist Office	-
7.	Remarks	-

### VNCG AD 2.6 RESCUE AND FIRE FIGHTING SERVICE

1.	AD category for fire fighting	CAT 3
2.	Rescue equipment	Available
3.	Capability for removal of disabled aircraft	Nil
4.	Remarks	Complementary Extinguishing Agents and Fire Extinguishers (wheel type fire extinguishers also) Available. Small Fire Vehicle Available

### VNCG AD 2.7 SEASONAL AVAILABILITY

Aerodrome is available throughout the year.
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### VNCG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA

1.	Apron surface and strength	Surface - Asphalt Concrete, Strength - ...
2.	Taxiway width, surface and strength	Width - 22m Surface – Asphalt, Strength - 27/F/C/Y/T
3.	Altimeter check point location and elevation	

## | RNP AR DEPARTURE RWY 20 IGRIS 1E

W/P ID	PT	Fly over	TD	CRS (°) mag	Time Val	DIST NM	ALT FT	SPD kt	FPA	RNP	RADIUS NM	ARC CTR ID
RW20	IF	-	-	-	-	-	-	-	-	-	-	-
KT901	TF	-	-	202	-	2.3	-	-	-	0.3	-	-
KT903	RF	-	R	305	-	3.8	-	-220	-	0.3	2.1	KTC50
KT905	RF	-	R	065	-	5.7	-	-	-	0.3	2.7	KTC51
KT906	TF	-	-	065	-	2.6	-	-	-	0.3	-	-
KT908	RF	-	R	157	-	6.2	+7500	-	-	0.3	3.9	KTC66
KT920	TF	-	-	157	-	1.0	-	-230	-	0.3	-	-
KT922	RF	-	L	107	-	6.6	-	-	-	0.3	7.5	KTC67
IGRIS	TF	-	-	107	-	4.9	-	-	-	0.3	-	-
Transit to KIMTI (En-route B345/G348)												
IGRIS	IF	-	-	-	-	-	-	-	-	-	-	-
KT940	TF	-	-	107	-	3.0	-	-	-	1.0	-	-
KT942	RF	-	R	116	-	2.0	-	-	-	1.0	12.0	KTC49
KT944	TF	-	-	116	-	7.0	-	-	-	1.0	-	-
KT946	RF	-	L	092	-	5.0	-	-	-	1.0	12.0	KTC63
KIMTI	TF	-	-	092	-	18.6	-	-	-	1.0	-	-
Transit to LIKHU												
IGRIS	IF	-	-	-	-	-	-	-	-	-	-	-
KT940	TF	-	-	107	-	3.0	-	-	-	1.0	-	-
KT942	RF	-	R	116	-	2.0	-	-	-	1.0	12.0	KTC49
KT944	TF	-	-	116	-	7.0	-	-	-	1.0	-	-
LIKHU	TF	-	-	121	-	23.3	-	-	-	1.0	-	-
Transit to AHALE (En-route R344)												
IGRIS	IF	-	-	-	-	-	-	-	-	-	-	-
KT940	TF	-	-	107	-	3.0	-	-	-	1.0	-	-
KT942	RF	-	R	116	-	2.0	-	-	-	1.0	12.0	KTC49
KT950	RF	-	R	138	-	4.6	-	-	-	1.0	12.0	KTC49
KT965	TF	-	-	138	-	10.3	-	-	-	1.0	-	-
AHALE	TF	-	-	138	-	16.9	-	-	-	1.0	-	-
Transit to LALBA (En-route R325/G335)												
IGRIS	IF	-	-	-	-	-	-	-	-	-	-	-
KT940	TF	-	-	107	-	3.0	-	-	-	1.0	-	-
KT942	RF	-	R	116	-	2.0	-	-	-	1.0	12.0	KTC49
KT950	RF	-	R	138	-	4.6	-	-	-	1.0	12.0	KTC49
KT952	RF	-	R	183	-	9.5	-	-	-	1.0	12.0	KTC49
KT955	TF	-	-	183	-	7.0	-	-	-	1.0	-	-
LALBA	TF	-	-	183	-	19.6	-	-	-	1.0	-	-