Doc 7030 **Regional Supplementary Procedures** (5th Edition)

Part 2 (COM procedures for SEA)
Part 3 (Regional Supplementary Procedures)
The supplementary procedures in force are given in their entirety in ENR 1.8-1

Doc 7910 **Location Indicators -** NIL

ANNEX 11 **Air Traffic Services** (13th Edition)

2.29.2	Myanmar does not use of other mutually agreed language in communication between ATS units.
3.7.21	Clearance for transonic flight is inapplicable.
4.3.5.1	Data link - automatic terminal information service D-ATIS is inapplicable.
4.3.5.1.1	Data link - automatic terminal information service D-ATIS is inapplicable.
4.3.5.3	Data link - automatic terminal information service D-ATIS is inapplicable.
4.4.1	VOLMET broadcast and D-VOLMET service are inapplicable.
4.4.2	VOLMET broadcast and D-VOLMET service are inapplicable.
7.1.1.3	Computer-processed upper air data are not available in air traffic services unit in digital form for use by air traffic services computers.
7.1.3.6	Unit providing approach control service for final approach, landing and take-off shall not be sup- plied with information on wind shear which could adversely affect aircraft on approach or take-off paths or during circling approach.
7.6	Information concerning radioactive materials and toxic chemical “cloud” is not applicable.

ANNEX 12 **Search and Rescue** (8th Edition)

2.3.2	Where all or part of the airspace of a Contracting State is included within a search and rescue region associated with a rescue coordination centre in another Contracting State, that former State should establish a rescue sub-centre subordinate to the rescue coordination centre wherever this would improve the efficiency of search and rescue services within its territory. Myanmar establish only one SAR region associated with rescue coordination centers.

ANNEX 13 **Aircraft Accident and Incident Investigation** (11th Edition) - NIL

ANNEX 14 **Aerodromes** (7th Edition)

1.4.1	The Republic of the Union of Myanmar certifies airports used for scheduled international operations only.
2.9.2	The Republic of the Union of Myanmar does not have items c, e & f.
3.15	The Republic of the Union of Myanmar does not have de-icing/anti-icing facilities.
5.2.11.2	The Republic of the Union of Myanmar does not intermediate holding position marking for de-icing/anti-icing facilities.
5.3.7	The Republic of the Union of Myanmar does not have runway lead-in lighting system.
5.3.22	The Republic of the Union of Myanmar does not have de-icing/anti-icing facility exit lights.
5.5.4	The Republic of the Union of Myanmar does not have edge markers for snow-covered runways. Establish circling guidance lights.

ANNEX 15 **Aeronautical Information Services** (15th Edition)

Chapter 2	
2.2.4	AIS is provided during the following hours: Weekdays – 0300 UTC to 1000 UTC
Chapter 5	
5.1.1.1	(r) No snow presents in Myanmar aerodromes opened for international traffic, and this requirement is inapplicable. (t) Forecasts of Solar Cosmic Radiation are not issued.
Chapter 8	
8.1.3	Pre-flight Information Bulletin (PIB) is not issued at present.

ANNEX 16 **Environmental Protection**

Volume I - Aircraft Noise(Amendment 12)

PART II (Except 1.2,1.4, 1.8, 1.9)	Not implemented. That provisions are not included in Myanmar Aviation Legislations.
PART III, PART IV and PART V	Myanmar has no Aviation Legislations with respect to those provisions. In mean time, Noise Measurement, Noise Assessment & Noise Management cannot be performed.

Volume II - Aircraft Engine Emissions(Amendment 9)

PART II	Not implemented. Myanmar has no Aviation Legislations relating to Annex 16, Volume II.
PART III (Except 1.4)	Not implemented.

Volume III - Aeroplane CO_2 Emissions

PART II (Except 1.2, 1.3, 1.4, 1.8 & 1.9)	Not implemented. That Provisions are not included in Myanmar Aviation Legislations.

ANNEX 17 **Security - Safeguarding International Civil Aviation Against Acts of Unlawful Interference** (9th Edition) - NIL

ANNEX 18 **The Safe Transport of Dangerous Goods by Air** (4th Edition) - NIL

ANNEX 19 **Safety Management** (1st Edition) - NIL

GEN 2.7 SUNRISE/SUNSET TABLES

1 The sunrise/sunset table has been prepared by the Meteorological Service of Myanmar and is reproduced here with permission. The table represents the Yangon International Airport being served by the Myanmar air traffic services.

2 The times in the table are given in Local Mean Time for sunrise (SR) and sunset (SS) for the year 2018.

Sunrise / Sunset Table for the Year 2018

Month	Jan		Feb		Mar		Apr		May		Jun	
Day	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0633	1745	0636	1803	0623	1813	0600	1819	0540	1826	0531	1836
2	0634	1745	0635	1803	0622	1814	0559	1819	0539	1826	0531	1836
3	0634	1746	0635	1804	0621	1814	0558	1820	0539	1826	0531	1836
4	0634	1747	0635	1804	0621	1814	0558	1820	0538	1826	0531	1837
5	0635	1747	0634	1805	0620	1814	0557	1820	0538	1827	0531	1837
6	0635	1748	0634	1805	0619	1814	0556	1820	0538	1827	0531	1837
7	0635	1748	0634	1806	0619	1815	0555	1820	0537	1827	0531	1838
8	0635	1749	0634	1806	0618	1815	0555	1820	0537	1828	0531	1838
9	0636	1750	0633	1806	0617	1815	0554	1821	0536	1828	0531	1838
10	0636	1750	0633	1807	0617	1815	0553	1821	0536	1828	0531	1839
11	0636	1751	0632	1807	0616	1816	0553	1821	0535	1829	0531	1839
12	0636	1751	0632	1808	0615	1816	0552	1821	0535	1829	0531	1839
13	0636	1752	0632	1808	0614	1816	0551	1821	0535	1829	0532	1840
14	0637	1753	0631	1809	0614	1816	0550	1822	0534	1830	0532	1840
15	0637	1753	0631	1809	0613	1816	0550	1822	0534	1830	0532	1840
16	0637	1754	0630	1809	0612	1817	0549	1822	0534	1830	0532	1840
17	0637	1754	0630	1810	0611	1817	0548	1822	0533	1831	0532	1841
18	0637	1755	0629	1810	0611	1817	0548	1822	0533	1831	0532	1841
19	0637	1756	0629	1810	0610	1817	0547	1823	0533	1831	0532	1841
20	0637	1756	0628	1811	0609	1817	0546	1823	0533	1832	0533	1841
21	0637	1757	0628	1811	0608	1817	0546	1823	0532	1832	0533	1842
22	0637	1757	0627	1811	0608	1818	0545	1823	0532	1832	0533	1842
23	0637	1758	0626	1812	0607	1818	0545	1824	0532	1833	0533	1842
24	0637	1758	0626	1812	0606	1818	0544	1824	0532	1833	0534	1842
25	0637	1759	0625	1812	0605	1818	0543	1824	0532	1833	0534	1842
26	0637	1800	0625	1812	0605	1818	0543	1824	0532	1834	0534	1843
27	0637	1800	0624	1813	0604	1818	0542	1825	0531	1834	0534	1843
28	0636	1801	0623	1813	0602	1819	0542	1825	0531	1834	0535	1843
29	0636	1801			0602	1819	0541	1825	0531	1835	0535	1843
30	0636	1802			0601	1819	0540	1825	0531	1835	0535	1843
31	0636	1802			0601	1819			0531	1835		

Month	Jul		Aug		Sep		Oct		Nov		Dec	
Day	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0535	1843	0545	1839	0551	1820	0555	1756	0602	1736	0617	1732
2	0536	1843	0545	1838	0551	1819	0555	1755	0602	1736	0617	1732
3	0536	1843	0546	1838	0552	1818	0555	1754	0603	1735	0618	1732
4	0536	1843	0546	1837	0552	1817	0555	1753	0603	1735	0619	1732
5	0537	1843	0546	1837	0552	1817	0555	1753	0604	1734	0619	1733
6	0537	1844	0546	1836	0552	1816	0555	1752	0604	1734	0620	1733
7	0537	1844	0547	1836	0552	1815	0556	1751	0604	1734	0620	1733
8	0538	1844	0547	1835	0552	1814	0556	1750	0605	1733	0621	1734
9	0538	1843	0547	1835	0552	1813	0556	1750	0605	1733	0622	1734
10	0538	1843	0547	1834	0552	1813	0556	1749	0606	1733	0622	1734
11	0539	1843	0548	1834	0552	1812	0556	1748	0606	1733	0623	1735
12	0539	1843	0548	1833	0553	1811	0556	1747	0607	1732	0623	1735
13	0539	1843	0548	1833	0553	1810	0557	1747	0607	1732	0624	1735

Month	Jul		Aug		Sep		Oct		Nov		Dec	
14	0540	1843	0548	1832	0553	1809	0557	1746	0608	1732	0624	1736
15	0540	1843	0549	1831	0553	1809	0557	1745	0608	1732	0625	1736
16	0540	1843	0549	1831	0553	1808	0557	1745	0609	1732	0626	1736
17	0540	1843	0549	1830	0553	1807	0558	1744	0609	1732	0626	1737
18	0541	1843	0549	1830	0553	1806	0558	1743	0610	1731	0627	1737
19	0541	1842	0549	1829	0553	1805	0558	1743	0610	1731	0627	1738
20	0541	1842	0549	1828	0553	1805	0558	1742	0611	1731	0628	1738
21	0542	1842	0550	1828	0554	1804	0559	1742	0611	1731	0628	1739
22	0542	1842	0550	1827	0554	1803	0559	1741	0612	1731	0629	1739
23	0542	1842	0550	1826	0554	1802	0559	1740	0612	1731	0629	1740
24	0543	1841	0550	1826	0554	1801	0559	1740	0613	1731	0630	1740
25	0543	1841	0550	1825	0554	1800	0600	1739	0613	1731	0630	1741
26	0543	1841	0550	1824	0554	1800	0600	1739	0614	1731	0631	1741
27	0544	1840	0551	1823	0554	1759	0600	1738	0615	1731	0631	1742
28	0544	1840	0551	1823	0554	1758	0601	1738	0615	1731	0631	1742
29	0544	1840	0551	1822	0554	1757	0601	1737	0616	1732	0632	1743
30	0545	1839	0551	1821	0555	1756	0601	1737	0616	1732	0632	1744
31	0545	1839	0551	1820			0602	1736			0633	1744

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GEN 3.5 METEOROLOGICAL SERVICES

1 Responsible service(s)

1.1 The meteorological services for civil aviation are provided by the Department of Meteorology and Hydrology of the Republic of the Union of Myanmar acting under the authority of Ministry of Transport.

Post:
DIRECTOR GENERAL
Department of Meteorology and Hydrology, Office No.5, Ministry of Transport and Communications
NAY PYI TAW, MYANMAR
Tel: 95 67 411031
Tel: 95 9 5014924
mailto: dg.dmh1@gmail.com
mailto: hnthiam@gmail.com

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 Differences to these provisions are detailed in subsection GEN 1.7.

2 Area of responsibility

2.1 Meteorology service is provided within the Yangon FIR.

3 Meteorological observations and reports

Name of Station / Location Indicator	***Type & frequency of observation / automatic observing equipment***	***Types of MET reports & Supplementary Information included***	***Observation System & Site(s)***	***Hours of operation***	***Climatological Information***
1	2	3	4	5	6
Yangon International Airport (VYYY)	Half Hourly Plus Special observations	METAR, SPECI TAF Aerodrome Warning SIGMET	Cup anemometer Tower compound AWOS	H24	Climatological summaries available
Mandalay International Airport/Tada U (VYMD)	Hourly (0030/1130)	METAR, SPECI, TAF Aerodrome Warning	Cup anemometer Tower compound AWOS	HO	-
Nay Pyi Taw International Airport (VYNT)	Hourly (0030/1130)	METAR, SPECI TAF Aerodrome Warning	Tower compound	HO	-
Sittwe Airport (VYSW)	Hourly (0030/1130)	METAR	AWOS	HO	-
Bagan Airport (VYBG)	Hourly (0030/1130)	METAR	AWOS	HO	-

4 Types of service

4.1 Personal briefing and consultation for flight crew members is provided at the main Meteorological Office, Yangon International Airport.

4.2 For international flights the flight documentation comprises:-

a. Significant weather chart.
b. An upper wind and temperature charts for standard levels: and
c. The latest available aerodrome forecasts for the destination and its designated alternates.

5 Notification required from operators

5.1 Notification from operators in respect of briefing consultation, flight documentation and other meteorological information needed by them (ref: ICAO Annex 3.2.3) should normally be received at least 5 hours before the expected time of departure.

6 Aircraft reports required from operators

6.1 Pursuant to Annex 3, 5.3.1 the making and transmission of aircraft reports (AIREP) at ATS/MET reporting points in respect to routes crossing the Yangon FIR are indicated on ENR 3.1 ATS ROUTES.

6.2 All overflying traffic between FL280 and FL410 inclusive are to pass compulsorily at least once met report or as dictated by ATC during their overflight in Yangon FIR as per the following ATS/MET reporting points:

ATS Route(s)	ATS/MET Reporting Point	Coordinates
L507	TEBOV	202503.5N0915949.0E
P646	IBITA	095512.0N0915949.0E
N895/P646/G472	PTN VOR/DME	164831.28N0944610.38E
L301	-	143800.0N0960000.0E
M770/L515	OBMOG	115407.0N0962331.0E
L301/M770	SADUS	152541.0N0923752.0E

YANGON FIR – ATS/MET REPORTING POINTS CHART ..... GEN 3.5-3

GEN 3.6 SEARCH AND RESCUE

1 Responsible service(s)

1.1 The Search and Rescue Service in Myanmar is provided by the Department of Civil Aviation of Myanmar, in collaboration with the Ministry of Defence, Meteorological Service and Maritime and Port Authority of Myanmar, which have the responsibility for making the necessary facilities available. The postal and telegraphic addresses of the Department of Civil Aviation of Myanmar are given at page GEN 1.1-1.

The address of the Alerting Post is as follows:

Post:
YANGON ALERTING POST
Ministry of Transport And Communications, Department of Civil Aviation, Air Traffic Management Division, ATC Operation Building
YANGON, MYANMAR
Tel: 95 1 533041, 95 1 533040, 95 1 533044
AFTN: VYYFYCYX
When SAR operations are needed, Rescue Co-ordination Centres are established as follows:

Post:
SOUTHERN RESCUE COORDINATION CENTRE (RCC)
Ministry of Defence, Mingaladon Air Force Base Command, Yangon International Airport
YANGON, MYANMAR
AFTN: VYYFYCYX
Tel: 95 31 27057 , 95 31 27054 95 31 27043 (MOD) Air Operations

Post:
NORTHERN RESCUE COORDINATION CENTRE(RCC)
Flying Training Base Command, Meiktila Shante
MEIKTILA, MYANMAR
AFTN: VYSTYCYX
Tel: 95 33 31043,95 33 31053

1.2 The service is provided in accordance with the provisions contained in the following ICAO documents:

Annex 12	-	Search and Rescue
Annex 13	-	Aircraft Accident Investigation
Doc 7030	-	Regional Supplementary Procedures for Alerting and Search and Rescue Services applicable in the SEA Region.

2 Area of responsibility

2.1 The search and rescue service is responsible for SAR operations within Yangon FIR.

3 Types of service

3.1 Detail of related rescue units are given in table at page GEN 3.6-2 titled Search and Rescue units. In addition, various elements of the state police organization, the merchant marine and the armed forces are also available for the Search and Rescue missions, when required. The aeronautical, maritime and public telecommunication services are also available to the Search and Rescue Organization.

3.2 All aircraft are amphibious and carry survival equipment, capable of being dropped, consisting of inflatable rubber dinghies equipped with medical supplies, emergency rations and survival radio equipment. Aircraft and marine craft are equipped to communicate on 121.5MHz, 243MHz, 2182KHz, 6659KHz and 6589KHz. Ground rescue teams are equipped to communicate on 2182KHz. SAR aircraft and marine craft are equipped with direction-finding equipment and radar.

4 SAR agreements

4.1 No agreement has yet been concluded between the SAR service of Myanmar and the SAR service of neigh boring countries concerning the provision of assistance upon receipt by the former of a request from the latter for aid. However, Myanmar has agreement for the facilitation of search for aircraft in distress and rescue of survivors of aircraft accidents between ASEAN countries.

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 transmitted to the Rescue Coordination Centre. Instruction as to the control which will be exercised on entry of such aircraft and/or personnel will be given by the Rescue Coordination Centre in accordance with a standing plan for the conduct of search and rescue in its area.

5 Conditions of availability

5.1 The SAR service and facilities in Myanmar are available upon request to the Commander in Chief of Air, Ministry of Defence, Naypyitaw, Myanmar.

6 Procedures and signals used

6.1 Procedures and Signals Used by Aircraft

Procedures for pilots-in-command observing an accident or interception a distress call and/or message are outlined in ICAO Annex 12, Chapter 5.

6.2 Communications

6.2.1 Transmission and reception of distress message within the Yangon Search and Rescue Area are handled in accordance with ICAO Annex 10, Volume II, Chapter 5, Paragraph 5.3.

6.2.2 For communications during Search and Rescue operations, the codes and abbreviations published in ICAO Abbreviations and Codes (Doc-8400) are used.

6.2.3 Information concerning positions, call signs, frequencies are hours of operation of Myanmar aeronautical stations is published in sections AD2 and ENR 2.

6.2.4 The frequency 121.5 MHz is guarded continuously during the hours of service at or Area Control Centres and Flight Information Centres. It is also available at Yangon International Airport, Approach Control Office. In addition, the aerodrome control towers serving international aerodromes and international alternate aerodromes will, request, guard the frequency 121.5 MHz.

6.2.5 The Yangon coast station guards international distress frequencies.

6.2.6 Rescue aircraft belong to permanent Search and Rescue Units use both the call-sign RESCUE and additional identification marks (ALFA, BRAVO etc.,) during rescue operations.

6.3 Search and Rescue Signals

The search and rescue signals to be used are those prescribed in ICAO Annex 12 Chapter 5, Para 5.10.

6.4 Ground / air visual signal codes for use by survivors

No.	*Message*	*Code symbol*	**Instructions for use**
1	Require assistance	**V**	1. Make signals not less than 8 ft (2.5 m) 2. Take care, to lay out signals exactly as shown 3. Provide as much colour contrast as possible between signals and background 4. Make every effort to attract attention by other means such as radio, flares, smoke, reflected light
2	Require medical assistance	**X**	
3	No or Negative	**N**	
4	Yes or Affirmative	**Y**	
5	Proceeding in this direction	↑	

6.5 Search and Rescue Units

Name	*Location*	*Facilities*	*Remarks*
SOUTHERN RESCUE COORDINATION CENTRE (RCC)	Ministry of Defence, Mingaladon Air Force Base Command, Yangon International Airport	One Mi -17 One Eurocopter One ATR-42 One Y-8 One Beech-1900D	1. One hour notice 2. Yangon Alerting Post will conduct as local point for SAR service Coordination within Yangon FIR 3. All AFTN message to include Yangon RCC as VYYFYCYX.
NORTHERN RESCUE COORDINATION CENTRE(RCC)	Flying Training Base Command, Meiktila Shante	One Grob-120TP-A One Y-12 IV	One hour notice

MYANMAR SEARCH AND RESCUE REGION CHART ..... GEN 3.6-SAR

GEN 4 Charges for Aerodromes/Heliports and Air Navigation Services

GEN 4.1 AERODROME CHARGES

1 Landing of aircraft

The payment of the landing charge shall entitle the aircraft to:

a. the use of aerodrome for arriving and departure;
b. the use of radio and night lighting installed at the aerodrome;
c. the supply of all available information as to routes and weather conditions;
d. the service of aerodrome personnel, if available, for manual assistance in guiding, housing or parking the aircraft.

1.1 Landing Charges

Basis:Take-off weight in the C of A

Maximum Take-off weight	*International Flight*	*Domestic Flight*
Not exceeding 25,000 Kg	US$ 85	Kyats 18800
25001Kg to 50,000 Kg	US$ 168	Kyats 37500
50001 Kg to 75,000 Kg	US$ 253	Kyats 56100
75001 Kg to 100,000 Kg	US$ 337	Kyats 74900
100001 Kg to 200,000 Kg	US$ 760	Kyats 168300
200001 Kg to 300,000 Kg	US$ 1138	Kyats 252600
300001 Kg to 400,000 Kg	US$ 1518	Kyats 336800

2 Parking, hangar age and long-term storage of aircraft

2.1 Parking Charges

Maximum Take-off weight	*International Flight*	*Domestic Flight*
Not exceeding 25,000 Kg	US$ 15	Kyats 4200
25001Kg to 50,000 Kg	US$ 27	Kyats 7500
50001 Kg to 75,000 Kg	US$ 41	Kyats 11300
75001 Kg to 100,000 Kg	US$ 54	Kyats 15000
100001 Kg to 200,000 Kg	US$ 122	Kyats 33800
200001 Kg to 300,000 Kg	US$ 182	Kyats 50500
300001 Kg to 400,000 Kg	US$ 243	Kyats 67400

2.2 Hangar charges

Maximum Take-off weight	*International Flight*	*Domestic Flight*
Not exceeding 25,000 Kg	US$ 41	Kyats 11300
25001Kg to 50,000 Kg	US$ 81	Kyats 22500
50001 Kg to 75,000 Kg	US$ 122	Kyats 33800
75001 Kg to 100,000 Kg	US$ 162	Kyats 44900
100001 Kg to 200,000 Kg	US$ 365	Kyats 101000
200001 Kg to 300,000 Kg	US$ 547	Kyats 151600
300001 Kg to 400,000 Kg	US$ 729	Kyats 202100

3 Passenger service

- Payable by the passenger.
- **US$ 20** for each international departing passenger at International Airport/Domestic Airport;
- **Kyats 3000** for each domestic departing passenger at International Airport;
- **Kyats 1000** for each domestic departing passenger at Domestic Airport.

4 Exemptions and Reductions

Exemptions:

- Test flight during the hours of daylight, provided prior notice is given.
- Diplomatic flight should request for exemption prior to overflight through diplomatic channel.
- No hangar charge shall be levied for aircraft housed during the Government inspections period or for three days thereafter.

Reductions:

- When an aerodrome is used with prior notice during the hours of daylight for repeated landings, a daily charge equivalent to five times the charge for a single landing for the weight –class of aircraft concerned shall be levied in respect of each aircraft.
- 50% of the standard landing charge shall be charged for aircraft landing at Government aerodromes where no ground control is provided.

5 Methods of payment

- Hangar or parking charges levied at daily rates are payable at the time of using the aerodrome, or, in the case of regular users, on demand at the end of each calendar month in respect of charges occurring in month.
- A rebate of hangar charges paid in advance shall be made if lessee is prevented by the housing of other aircraft from obtaining accommodation for his aircraft.
- Landing charges are payable at the time of using the aerodrome, or in the case of approved regular users, on demand at the end of each calendar month in respect of charges occurring in the month.
- The landing charge, the payment of which entitle the aircraft to the use of radio does not include operation charges or charges for radio services in connection with movement which may be levied by an approved agency of the Government Rules:
- Hangar charges and parking charges are levied for any period exceeding 12 hours and up to 24 hours. Period exceeds 24 hours is treated as next day and chargeable if exceed 12 hours.
- Parking charges are levied on non-scheduled flights for any period exceeding 3 hours up to 24 hours. Period exceeds 24 hours is treated as next day and chargeable if exceed 12 hours.

ENR 1 General Rules and Procedures

ENR 1.1 GENERAL RULES

1 General Rules and Procedures

The air traffic rules and procedures applicable to air traffic in the Republic of the Union of Myanmar territory conform to Annexes 2 and 11 to the Convention on International Civil Aviation and to those portions of the *Procedures for Air Navigation Services - Air Traffic Management* applicable to aircraft and of the *Regional Supplementary Procedures* applicable to the South East Asia Region, except for the differences listed in GEN 1.7.

2 Air Traffic Rules and Services

2.1 Responsible Authority

The authority responsible for the overall administration of the Air Traffic Services provided for International Civil Aviation is the Department of Civil Aviation acting under the authority of the Ministry of Transport and Communications.

Post:
AIR NAVIGATION SERVICE PROVIDER
ATC Operations Building,Yangon International Airport
YANGON 11021, MYANMAR
Tel: 95 1 533054
Fax: 95 1 533000 /533016
AFTN: VYYYYAYX
mailto: yehtutaung1959@gmail.com
URL: www.dca.gov.mm

2.2 Area of Responsibility

Air Traffic Services as indicated in the following paragraphs are provided for the entire territory, including territorial waters, the Republic of the Union of Myanmar as wall as in the airspace over the high seas encompassed by Yangon FIR.

2.3 Provision of Air Traffic Services

2.3.1 With the exception of certain military aerodromes, Air Traffic Services in the Republic of the Union of Myanmar are provided by the Department of Civil Aviation, administrated by the General Manager (Air Navigation Service Provider) at Department of Civil Aviation.

2.3.2 The airspace of the Republic of the Union of Myanmar including adjacent international waters, comprises a single FIR named **YANGON FIR**.

2.3.3 Air Traffic Control exercised:

a. on airways covering the main ATS routes;
b. in terminal control areas and in control zones at controlled aerodromes equipped with approach and landing aids (see ENR 2.1);
c. in aerodrome traffic zones at other controlled aerodromes (see AD 1.3).

2.3.4 Flight Information Service and Alerting Service within the FIR and Air Traffic Control service in control areas is provided by one centre named **Yangon Area Control Centre (YACC).**

2.3.5 There is no distinction between upper and lower airspace. The axis of each airway is constituted by a line connecting significant points identified as a rule by radio navigational facilities.

2.3.6 Air Traffic Services is the responsibility of:

a. Yangon Area Control Centre for both Air Traffic Control and Alerting Service on international airways including those parts of the airways traversing Mingaladon terminal area.
b. Yangon Area Control Centre for flight information service as per airspace classification in Yangon FIR.

2.3.7 In general, the Air Traffic rules and Procedures in force and the organization of Air Traffic Services are in conformity with ICAO Standards, Recommended Practices and Procedures. Differences between the national and international rules and procedures are given in GEN 1.7, the regional supplementary procedures and altimeter setting procedures being reproduced in full.

2.3.8 A few prohibited areas, restricted areas and danger areas are established within Myanmar territory. These areas, three of which are in the vicinity of Mingaladon Airport, are shown in ENR 5.1-3. Activation of areas subject to intermittent activity is notified well in advance by NOTAM, giving reference to the area only by its identification except VYP5 which is to be avoided at all times under any circumstances.

2.3.8.1 **Warning to avoid prohibited area VYP5**

2.3.8.1.1 **Should this violation on VYP5 by traffic occurs severe action will be taken according to Myanmar Aircraft Rules, Part II - General Conditions of Flying No.12 Prohibited Area and Part XIV, General Rules 160, Penalties, of which the penalty shall be imprisonment for a term not exceeding three months or a fine not exceeding Kyats 50000 or both.**

2.4 Coordination between the Operators and Air Traffic Services:

2.4.1 Coordination between the operator and Air Traffic Service is effected in accordance with 2.15 of Annex 11.

2.5 Minimum Flight Altitudes

2.5.1 The minimum flight altitudes on the ATS routes as listed in ENR 3.1 have been determined so as to ensure at least 300 metres (1000 feet) vertical clearance above the highest obstacle within 10 NM on each side of the center line of the route. However, where the angular divergence of the navigational aids signal in combination with the distance between the navigational aids could result in the aircraft being more than 5 NM on either side of the centre line, the 10NM protection limit is increased by the extent to which the divergence is more than 5 NM from the centre line.

3 National Security Requirements

3.1 General

3.1.1 The following rules and procedures are adopted in the interest of national security to enable identification as early as possible of air traffic entering the Air Defense Identification Zone (ADIZ) in the Republic of the Union of Myanmar.

3.1.2 Myanmar has established an Air Defense Identification Zone (ADIZ) within Yangon FIR comprising all that airspace enclosed in the South by Yangon FIR boundary from 1000N 09830E to 1000N 09600E, then along 09600E to 1400N 09600E, then 1400N parallel to 1400N 09222E, then 09222E to 2041N 09222E, then along Myanmar National Boundary in the North and East to 1000N 09830E in the South.

3.1.3 No flight of any aircraft either originating in or penetrating into the ADIZ will be permitted without Air Defense Clearance. The procedure for obtaining this clearance is as follows:

1. Flight plan to be filed 30 minutes before take-off and include ETA at ADIZ boundary and route and altitude within ADIZ. In-flight changes for entry are not allowed except in emergency.
2. Except for local flights conducted in the immediate vicinity of an aerodrome, all aircraft operating to, through or within the ADIZ shall obtain Air Defense Clearance (ADC) through the Air Traffic Control Centre.
3. ADC shall be valid for the entire flight within ADIZ irrespective of intermediate halts for flights originating in or transiting the ADIZ.
4. For flights originating within the ADIZ, ADC shall be obtained before departure and in the event of departure being delayed for more than 30 minutes in fresh ADC shall be obtained.
5. In respect of east bound flight conducted along the airways penetrating the ADIZ, aircraft shall, on first contact with the ATCC at the FIR boundary request the ADC giving the estimated time over the ADIZ boundary.
6. In respect of west bound flight conducted along the airways penetrating the ADIZ, aircraft shall, on first contact with the ATCC at the FIR boundary request an ADC only.
7. In respect of all flights conducted of airways, aircraft shall contact ATCC at least 10 minutes before entering the ADIZ giving the ETA over the ADIZ boundary and requesting ATC.
8. The frequencies to be used shall be the normal air/ground communication frequency.

3.2 Identification and Interception

3.2.1 Any aircraft penetrating into or flying within the ADIZ without an ADC, or failing to comply with any instructions or deviating from the flight plan or approved airways, will be liable to interception for identification according to the interception procedures outlined in section ENR 1.12.

4 Flight Category

4.1 Flights will be categorised IFR or VFR for the purpose of:

a. indicating flight notification requirements;
b. specifying operational control responsibilities;
c. indicating traffic information requirements outside controlled airspace.

4.1.1 This shall be inserted on flight plans as a general category in addition to the flight procedures specified for each route segment.

ENR 2 Air Traffic Services Airspace

ENR 2.1 FIR, UIR, TMA

1 FIR

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/ Purpose	Remarks
1	2	3	4	5
YANGON FIR Straight lines joining 210000N 0920000E, 204100N 0922200E thence eastwards along the India/China border to 282400N 0974500E thence along the Northeastern and Eastern border of Myanmar to 100000N 0983000E, 100000N 0942500E, 133000N 0942500E, 140000N 0920000E, 210000N 0920000E. UNL GND	YANGON ACC SECTOR III	YANGON CONTROL: EN H24	127.750 MHz	Nil Instrument/Visual Flight
	YANGON ACC SECTOR IV	YANGON CONTROL: EN H24	124.750 MHz Secondary: CPDLC	Nil Instrument/Visual Flight Suitable equipped aircraft intending to Yangon AFN LOGON address at least 10 minutes prior to enter Yangon FIR
	YANGON ACC SECTOR I	YANGON CONTROL: EN H24	126.750 MHz	Nil Instrument / Visual Flight Suitable equipped aircraft intending to operate on ATS Route should log on Yangon AFN LOGON address at least 10 minutes prior to enter Yangon FIR.
	YANGON ACC SECTOR II	YANGON CONTROL: EN H24	128.750 MHz	Nil Instrument / Visual Flight Suitable equipped aircraft intending to operate on ATS Route should log on Yangon AFN LOGON address at least 10 minutes prior to enter Yangon FIR.
Class of airspace outside other regulated airspace:	YANGON FIC	YANGON RADIO: EN H24	Primary: 10066.000 kHzINTL Secondary: 6556.000 kHzINTL 8960.000 kHzDOM 5526.000 kHzDOM 6659.000 kHzDOM	Nil Instrument/Visual Flight

2 Sectors

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/ Purpose	Remarks
1	2	3	4	5
YANGON ACC SECTOR ORGANIZATION Sector I The northern part of the Yangon FIR above the line joining Point 205959.9N 0920000.0E, 191526.9N 0944215.3E, 193850.2N 0961731.9E, 191826.7N 0975007.5E FL 560 STD FL 170 STD	YANGON ACC SECTOR I	YANGON CONTROL: EN H24	126.750 MHz	Nil Instrument / Visual Flight Suitable equipped aircraft intending to operate on ATS Route should log on Yangon AFN LOGON address at least 10 minutes prior to enter Yangon FIR.
YANGON ACC SECTOR ORGANIZATION Sector II The Middle Part of Yangon FIR below the line joining Point 205959.9N 0920000.0E, 191526.9N 0944215.3E, 193850.2N 0961731.9E, 191826.7N 0975007.5E and above the joining point 172452.7N 0915955.6E, 144034.0N 0982147.6E FL 560 STD FL 170 STD	YANGON ACC SECTOR II	YANGON CONTROL: EN H24	128.750 MHz	Nil Instrument / Visual Flight Suitable equipped aircraft intending to operate on ATS Route should log on Yangon AFN LOGON address at least 10 minutes prior to enter Yangon FIR.

Route Designator {RNP Type}	[Route Usage Notes]								
Name of Significant Points	Coordinates								Remarks
{RNP Type}	Track MAG ↓ ↑	Dist	(COP)	Upper limits / Lower limits	Minimum Flt Alt	Lateral limits (NM)	Direction of Cruising Levels ↓	Direction of Cruising Levels ↑	Remarks Controlling unit Frequency {Airspace class}
1	2	3	4	5	6	7	8	9	10
G463	*Route availability:* (1) H24 (2) H24 (3)								
▲ AVLED (VYYF/VGFR FIR BDRY)	214003.00N 0922049.00E								
	138° 318°	195.9NM		FL 460 STD FL 100 STD	FL 110	20	Odd(2)	Even(1)	YANGON ACC SECTOR I 126.750 MHz
▲ DORLI	191526.92N 0944215.29E								
	140° 320°	64.1NM		FL 460 STD FL 100 STD	FL 110	20	Odd(1)	Even(1)	YANGON ACC SECTOR II 128.750 MHz YANGON ACC SECTOR III 127.750 MHz [CLASS A :ABV FL150 / ABV FL260,YANGON ACC (SECTOR II) 128.750MHz BLW FL260,YANGON ACC (SECTOR III) 127.750MHz]
∆ NIVOG	182704.30N 0952647.60E								
	139° 319°	91.4NM		FL 460 STD FL 100 STD	FL 110	20	Odd(2)	Even(2)	YANGON ACC SECTOR II 128.750 MHz YANGON ACC SECTOR III 127.750 MHz [CLASS A:ABV FL150/ ABV FL260, YANGON ACC (SECTOR II) 128.750MHz BLW FL260, YANGON ACC (SECTOR III) 127.750MHz]
▲ YANGON VOR/DME (BGO)	171906.58N 0963111.55E								
	146° 326°	102.5NM		FL 460 STD FL 100 STD	FL 110	20	Odd(3)	Even(2)	YANGON ACC SECTOR II 128.750 MHz YANGON ACC SECTOR III 127.750 MHz [CLASS A:ABV FL150 / ABV FL260, YANGON ACC (SECTOR II) 128.750MHz BLW FL260, YANGON ACC]
▲ PUMEK	155505.00N 0973246.90E								
	143° 323°	62.2NM		FL 460 STD FL 100 STD	FL 110	20	Odd(2)	Even(2)	YANGON ACC SECTOR II 128.750 MHz YANGON ACC SECTOR III 127.750 MHz [CLASS A:ABV FL150/ ABV FL260, YANGON ACC (SECTOR II) 128.750MHz BLW FL260, YANGON ACC]
▲ BETNO (VYYF/VTBB FIR BDRY)	150553.50N 0981231.20E								
Route Remarks: AVLED - BGO VOR/DME DIST 351.4NM BGO VOR/DME - BETNO DIST 164.7NM									

Route Designator {RNP Type}	[Route Usage Notes]								
Name of Significant Points	Coordinates								Remarks
{RNP Type}	Track MAG ↓ ↑	Dist	(COP)	Upper limits / Lower limits	Minimum Flt Alt	Lateral limits (NM)	Direction of Cruising Levels ↓	Direction of Cruising Levels ↑	Remarks Controlling unit Frequency {Airspace class}
1	2	3	4	5	6	7	8	9	10
G472	*Route availability:* (1) H24								
▲ SAGOD (VYYF/VECF FIR BDRY)	175548.20N 0915949.10E								
	113° 293°	172.6NM		FL 460 STD FL 170 STD	FL 110	20	Odd(1)	Even(1)	YANGON ACC SECTOR II 128.750 MHz [CLASS A: ABV FL150]
PATHEIN VOR/DME (PTN)	164831.28N 0944610.38E								
	074° 254°	105.0NM		FL 460 STD FL 170 STD	FL 110	20	Odd(1)	Even(1)	YANGON ACC SECTOR II 128.750 MHz YANGON ACC SECTOR III 127.750 MHz [CLASS A: ABV FL150/ ABV FL260, YANGON ACC (SECTOR II) 128.750,MHz BLW FL260, YANGON ACC (SECTOR III) 127.750MHz]
▲ YANGON VOR/DME (BGO)	171906.58N 0963111.55E								

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

Route Designator {RNP Type}	*[Route Usage Notes]*					
Name of Significant Points	*Coordinates*		*Way-point: IDENT of VOR/DME (ELEV DME antenna), BRG & DIST*			*Remarks*
{RNP Type}	*Initial Track MAG* ↓ ↑	*Great Circle Dist*	*Upper limits* / *Lower limits*	*Direction of Cruising Levels* ↓	*Direction of Cruising Levels* ↑	*Remarks Controlling unit Frequency {Airspace class}*
1	2	3	4	5	6	7
L301	*Route availability:* (1) H24					
▲ TANEK (VYYF/VTBB FIR BDRY)	140305.80N 0985818.90E		BKK (32 FT), 274° 96 NM			
← (10)		44.7NM	FL 460 STD / FL 260 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ DAWEI VOR/DME (DWI)	140602.02N 0981224.49E					
(10)		333.7NM	FL 460 STD / FL 260 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ SADUS	152541.00N 0923752.00E		DWI (98 FT), 285° 334 NM			
(10)		37.7NM	FL 460 STD / FL 260 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ RINDA (VYYF/VECF FIR BDRY)	153500.00N 0920000.00E		DWI (98 FT), 285° 371 NM			
Route Remarks: Long.Sep: 10 min. or 80 NM : 50NM longitudinal separation may be applied between RNP10 approval aircraft with DCPC (VHF or CPDLC)						

Route Designator {RNP Type}	[Route Usage Notes]					
Name of Significant Points	Coordinates		Way-point: IDENT of VOR/DME (ELEV DME antenna), BRG & DIST			Remarks
{RNP Type}	Initial Track MAG ↓ ↑	Great Circle Dist	Upper limits / Lower limits	Direction of Cruising Levels ↓	Direction of Cruising Levels ↑	Remarks Controlling unit Frequency {Airspace class}
1	2	3	4	5	6	7
L507	*Route availability:* (1) H24					
LIMLA (VYYF/VTBB FIR BDRY)	154600.10N 0983600.00E		BKK (32 FT), 314° 161 NM			
(10)		58.7NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
▲ ARATO	162204.90N 0974746.80E		BGO (38 FT), 128° 93 NM			
(10)		92.8NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
▲ YANGON VOR/DME (BGO)	171906.58N 0963111.55E					
(10)		98.0NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
▲ OTADA	181804.30N 0950847.80E		BGO (38 FT), 307° 98 NM			
(10)		29.3NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
▲ SUMSU	183445.61N 0944325.72E		BGO (38 FT), 307° 127 NM			
(10)		189.6NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
TEBOV (VYYF/VECF FIR BDRY)	202503.50N 0915949.00E					
Route Remarks: Long. Sep: 10 min or 80 NM : 50NM longitudinal separation may be applied between RNP10 approval aircraft with DCPC (VHF or CPDLC)						

Route Designator {RNP Type}	*[Route Usage Notes]*					
Name of Significant Points	*Coordinates*		*Way-point: IDENT of VOR/DME (ELEV DME antenna), BRG & DIST*			*Remarks*
{RNP Type}	*Initial Track MAG* ↓ ↑	*Great Circle Dist*	*Upper limits* / *Lower limits*	*Direction of Cruising Levels* ↓	*Direction of Cruising Levels* ↑	*Remarks Controlling unit Frequency {Airspace class}*
1	2	3	4	5	6	7
L515	*Route availability:* (1) H24					
▲ IKULA (VYYF/VTBB FIR BDRY)	100006.90N 0972114.00E		PUT (55 FT), 333° 128 NM			
(10)		127.0NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ OBMOG	115407.00N 0962331.00E		PUT (55 FT), 333° 127 NM			
Route Remarks: Long. Sep: 10 min or 80 NM						

Route Designator {RNP Type}	*[Route Usage Notes]*					
Name of Significant Points	*Coordinates*					*Remarks*
{RNP Type}	*Initial Track MAG* ↓ ↑	*Great Circle Dist*	*Upper limits* / *Lower limits*	*Direction of Cruising Levels* ↓	↑	*Remarks Controlling unit Frequency {Airspace class}*
1	2	3	4	5	6	7
L524	*Route availability:* (1) H24					
▲ BORBU (VYYF/VECF FIR BDRY)	165346.00N 0920000.00E					
(10)		135.8NM	FL 460 STD / FL 280 STD	Odd(1)	Even(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ KAMKO	160638.00N 0941238.00E					
(10)		230.6NM	FL 460 STD / FL 280 STD	Odd(1)		YANGON ACC SECTOR IV 124.750 MHz
▲ KAKIP	144033.85N 0975414.71E					
(10)		41.0NM	FL 460 STD / FL 280 STD	Odd(1)		YANGON ACC SECTOR IV 124.750 MHz
▲ NURDA (VYYF/VTBB FIR BDRY)	142450.65N 0983322.46E					
Route Remarks: Long. Sep: 10 min or 80 NM : 50NM longitudinal separation may be applied between RNP10 approval aircraft with DCPC (VHF or CPDLC)						

Route Designator {RNP Type}	[Route Usage Notes]					
Name of Significant Points	Coordinates		Way-point: IDENT of VOR/DME (ELEV DME antenna), BRG & DIST			Remarks
{RNP Type}	Initial Track MAG ↓ ↑	Great Circle Dist	Upper limits / Lower limits	Direction of Cruising Levels ↓	Direction of Cruising Levels ↑	Remarks Controlling unit Frequency {Airspace class}
1	2	3	4	5	6	7
M626	*Route availability:* (1) H24					
▲ YANGON VOR/DME (BGO)	171906.58N 0963111.55E					
(10)		125.4NM	FL 460 STD / FL 280 STD	Odd(1)	Even(1)	YANGON ACC SECTOR II 128.750 MHz
▲ POXEM	152635.10N 0972947.00E		DWI (98 FT), 334° 90 NM			
(10)		33.6NM	FL 460 STD / FL 280 STD	Odd(1)	Even(1)	YANGON ACC SECTOR II 128.750 MHz
▲ KEVAM	145636.70N 0974544.40E		DWI (98 FT), 334° 57 NM			
(10)		18.0NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ KAKIP	144033.85N 0975414.71E		DWI (98 FT), 334° 39 NM			
← (10)		38.6NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ DAWEI VOR/DME (DWI)	140602.02N 0981224.49E					
← (10)		40.7NM	FL 460 STD / FL 280 STD	Odd(1)	Even(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ DALER	132939.30N 0983127.96E		DWI (98 FT), 154° 41 NM			
(10)		125.6NM	FL 460 STD / FL 280 STD	Odd(1)	Even(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ EKAVO (VYYF/VTBB FIR BDRY)	113736.50N 0993024.70E		DWI (98 FT), 154° 166 NM			
Route Remarks: Long. Sep: 10 min or 80 NM						

Route Designator {RNP Type}	*[Route Usage Notes]*					
Name of Significant Points	*Coordinates*		*Way-point: IDENT of VOR/DME (ELEV DME antenna), BRG & DIST*			*Remarks*
{RNP Type}	*Initial Track MAG* ↓ ↑	*Great Circle Dist*	*Upper limits / Lower limits*	*Direction of Cruising Levels* ↓	↑	*Remarks Controlling unit Frequency {Airspace class}*
1	2	3	4	5	6	7
M770	*Route availability:* (1) H24					
▲ PADET (VYYF/VTBB FIR BDRY)	100006.90N 0981719.30E		RAN (17 FT), 301° 27 NM			
(10)		159.4NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
◪ OBMOG	115407.00N 0962331.00E					
(10)		80.3NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ LALAT	125049.00N 0952508.00E		DWI (98 FT), 246° 179 NM			
(10)		224.0NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
◪ SADUS	152541.00N 0923752.00E					
(10)		51.4NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR IV 124.750 MHz
▲ MEPEL (VYYF/VECF FIR BDRY)	160200.00N 0920000.00E					
Route Remarks: Long. Sep: 10 min or 80 NM						

Route Designator {RNP Type}	*[Route Usage Notes]*					
Name of Significant Points	*Coordinates*		*Way-point: IDENT of VOR/DME (ELEV DME antenna), BRG & DIST*			*Remarks*
{RNP Type}	*Initial Track MAG* ↓ ↑	*Great Circle Dist*	*Upper limits* / *Lower limits*	*Direction of Cruising Levels* ↓	*Direction of Cruising Levels* ↑	*Remarks Controlling unit Frequency {Airspace class}*
1	2	3	4	5	6	7
N895	*Route availability:* (1) H24					
▲ BETNO (VYYF/VTBB FIR BDRY)	150553.50N 0981231.20E		BKK (32 FT), 296° 159 NM			
(10)		223.5NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
PATHEIN VOR/DME (PTN)	164831.28N 0944610.38E					
(10)		172.6NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
▲ SAGOD (VYYF/VECF FIR BDRY)	175548.20N 0915949.10E					
Route Remarks: Long.Sep: 10 min. or 80 NM : 50NM longitudinal separation may be applied between RNP10 approval aircraft with DCPC (VHF or CPDLC)						

Route Designator {RNP Type}	*[Route Usage Notes]*					
Name of Significant Points	*Coordinates*		*Way-point: IDENT of VOR/DME (ELEV DME antenna), BRG & DIST*			*Remarks*
{RNP Type}	*Initial Track MAG* ↓ ↑	*Great Circle Dist*	*Upper limits / Lower limits*	*Direction of Cruising Levels* ↓	↑	*Remarks Controlling unit Frequency {Airspace class}*
1	2	3	4	5	6	7
P646	*Route availability:* (1) H24					
▲ BETNO (VYYF/VTBB FIR BDRY)	150553.50N 0981231.20E		BKK (32 FT), 296° 159 NM			
(10)		46.2NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
▲ POXEM	152635.10N 0972947.00E					
(10)		177.4NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
PATHEIN VOR/DME (PTN)	164831.28N 0944610.38E					
(10)		202.7NM	FL 460 STD / FL 280 STD	Even(1)	Odd(1)	YANGON ACC SECTOR II 128.750 MHz
IBITA (VYYF/VECF FIR BDRY)	185512.00N 0915949.00E					
Route Remarks: Long.Sep: 10 min. or 80 NM : 50NM longitudinal separation may be applied between RNP10 approval aircraft with DCPC (VHF or CPDLC)						

ENR 5 Navigation Warnings

ENR 5.1 PROHIBITED, RESTRICTED AND DANGER AREAS

1 INTRODUCTION

All airspace in which a potential hazard to aircraft operations may exist and all areas over which the operation of civil aircraft may, for one reason or another be restricted either temporarily or permanently, are classified according to the following three types of areas as defined by ICAO.

1.1 DANGER AREA

1.1.1 An airspace of defined dimensions within which activities dangerous to the flight of aircraft may exist at specified time. This term is used only when the potential danger to aircraft has not led to the designation of the airspace as restricted or prohibited. The effect of the creation of the danger area is to caution operators or pilots of aircraft that it is necessary for them to assess the dangers in relation to their responsibility for the safety of their aircraft.

1.2 PROHIBITED AREA

1.2.1 An airspace of defined dimensions, above the land areas or territorial waters of a State, within which the flight of aircraft is prohibited. This term is used only when the flight of civil aircraft within the designated airspace is not permitted at any time under any circumstances.

1.3 RESTRICTED AREA

1.3.1 An airspace of defined dimensions, above the areas or territorial waters of a State, within which the flight of aircraft is restricted in accordance with certain specified conditions. This term is used whenever the flight of civil aircraft within the designated airspace is not absolutely prohibited but may be made only if specified conditions are complied with. Thus; prohibition of flight except at certain specified times leads to the designation of the airspace a “restricted area” as would prohibition except in certain meteorological conditions. Similarly, prohibition of flight unless special permission has been obtained, leads to the designation of a restricted area. However, conditions of flight imposed as a result of application of rules of the air or air traffic service practices or procedures (for example, compliance with minimum safe heights or with rules stemming from the establishment of controlled airspace) do not constitute conditions calling for designation as a restricted area.

1.3.2 Each area is numbered and a single series of numbers is used for all areas, regardless of type, to ensure that a number is never duplicated. Each area is as small as practicable, and contained within simple geometrical limits such as a circle, square, etc.,.

1.3.3 The type of area involved is indicated by the letter “P” for Prohibited, “R” for Restricted and “D” for Danger, preceded by the nationality letter “VY”. For example, areas are assigned numbers and letters in the following manner - VYP1, VYD2, VYD3, VYR4, VYD6, etc.

1.3.4 Each area is described in the tabulation found at follow which indicates its lateral and vertical limits, the type of restriction or hazard involved, the times at which it applies and other pertinent information.

2 Prohibited areas

Identification, name Lateral limits	Vertical limits	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
← **VYP31 PARLIAMENT AND PRESIDENTIAL HOUSE AREA** The area bounded by straight lines joining 194713.4N 0960527.4E 194713.4N 0960726.1E 194540.5N 0960726.1E 194540.5N 0960527.4E 194713.4N 0960527.4E	FL 240 STD GND	Active: Permanent
VYP33 MINISTRY OF DEFENCE The area within the sector bearings 010° and 035° true and radius of 10NM and 20NM centred on Naypyitaw ARP 193724.78N0961203.60E	FL 240 STD GND	Active: Permanent

Identification, name Lateral limits	Vertical limits	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
VYP5 YANGON CITY The area contained by straight lines joining 164920.0N 0960709.0E 164923.0N 0961105.0E 164641.0N 0961107.0E 164638.0N 0960711.0E 164920.0N 0960709.0E	FL 240 STD GND	Active: Permanent

3 Restricted areas

Identification, name and lateral limits Lateral limits	Vertical limits	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
VYR11 HMAWBY The controlled airspace within the sector bearings 260° true and 300° true and radius of 5NM and 40NM centred on Hmawby Airport 170700N 0960400E. 170612.4N 0955851.0E 170035.0N 0952248.5E 172733.9N 0952807.4E 170934.5N 0955931.4E	3000 FT AMSL GND	Active: Permanent, MAF low flying training area, H24
VYR12 HMAWBY The controlled airspace within the sector bearings 260° true and 300° true and radius of 40 NM and 60 NM centred on Hmawby Airport; and controlled airspace within the sector bearings 300° true and 010° true, and radii of 5NM and 60 NM centred on Hmawby airport. 170700N 0960400E 170612.4N 0955851.0E 165719.2N 0950213.4E 180605.0N 0961555.8E 171155.5N 0960459.2E	6000 FT AMSL GND	Active: Permanent, MAF flying training area, H24
VYR13 SHANTE The airspace within the sector bearings 000° to 180° true and 270° to 360° true and radius of 30 NM centred on Shante airport 205800N0955500E. 205800.0N 0955500.0E 205800.4N 0955434.1E 205829.9N 0952257.9E 202755.0N 0955425.5E 205800.0N 0955500.0E	3000 FT AMSL GND	Active: Permanent, MAF low flying training area, H24
VYR14 SHANTE The airspace within the sector bearings 180° to 270° true and radius 30 NM centred on Shante Airport. 205800.0N 0955500.0E 202755.0N 0955425.5E 205829.9N 0952257.9E 205800.4N 0955434.1E 205800.0N 0955500.0E	3000 FT AMSL GND	Active: Permanent, MAF Helicopter training area, H24
VYR15 SHANTE The airspace area bounded by 192004.0N 0943147.9E 213503.3N 0943147.8E 213503.4N 0952147.4E 210903.5N 0952147.4E 210903.6N 0955947.2E 192004.1N 0955947.3E 192004.0N 0943147.9E	FL 396 STD 3000 FT AMSL	Active: Permanent, MAF subsonic flying training area, H24
VYR16 SHANTE The airspace area bounded by 192004.0N 0952147.6E 210903.5N 0952147.4E 210903.6N 0955947.2E 192004.1N 0955947.3E 192004.0N 0952147.6E	FL 460 STD FL 330 STD	Active: Permanent, MAF supersonic flying training area, H24
VYR17 NAMPONG The airspace with 30NM radius centred on Nampong aerodrome 2521N09717E.	FL 100 STD GND	Active: Permanent, MAF flying training area, By NOTAM

AD 1.3 INDEX TO AERODROMES

Aerodrome name Location indicator	Type of traffic permitted to use the aerodrome			Reference to AD section and remarks
	International-National (INTL-NTL)	IFR - VFR	S=Schedule NS=Non-schedule P=Private	
1	2	3	4	5
ANN/Ann VYAN	NTL	IFR/VFR	S-NS-P	VYAN AD 2
ANISAKAN / Anisakan VYAS*	NTL	VFR	S-NS-P	VYAS AD 2
BAGAN / Nyaung U VYBG	NTL	IFR / VFR	S-NS-P	VYBG AD 2
BANMAW / Banmaw VYBM	NTL	IFR / VFR	S-NS-P	VYBM AD 2
BOKPYINN / Bokpyinn VYBP	NTL	VFR	S-NS-P	VYBP AD 2
CHANMYATHAZI / Chanmyathazi VYCZ	NTL	VFR	NS	VYCZ AD 2
COCO ISLAND/Coco Island** (Mil AD) VYCI*	NTL	VFR	NS-P	-
DAWEI / Dawei VYDW	NTL	IFR / VFR	S-NS-P	VYDW AD 2
GANTGAW / Gantgaw VYGG	NTL	VFR	-	UNUSED AD
GWA / Gwa** VYGW*	NTL	VFR	-	UNUSED AD
HEHO / Heho VYHH	NTL	IFR / VFR	S-NS-P	VYHH AD 2
HMAWBY / Hmawby (Mil AD) VYHB	NTL	VFR	NS-P	-
HOMMALINN / Hommalinn VYHL	NTL	IFR / VFR	S-NS-P	VYHL AD 2
HPA-AN / Hpa-an VYPA	NTL	VFR	S-NS-P	VYPA AD 2
HPAPUN / Hpapun** VYPP*	NTL	VFR	-	UNUSED AD
HPONNGBYIN / Hponngbyin** VYPB*	NTL	VFR	-	UNUSED AD
HTILINN / Htilinn** VYHN*	NTL	VFR	-	UNUSED AD
KALAY / Kalay VYKL	NTL	IFR / VFR	S-NS-P	VYKL AD 2
KANTI / Kanti VYKI	NTL	IFR / VFR	S-NS-P	VYKI AD 2
KAWTHOUNG / Kawthoung VYKT	NTL	IFR / VFR	S-NS-P	VYKT AD 2
KENGTUNG / Kengtung VYKG	NTL	IFR / VFR	S-NS-P	VYKG AD 2
KYAUKPYU / Kyaukpyu VYKP	NTL	IFR / VFR	S-NS-P	VYKP AD 2
KYAUKTU / Kyauktu VYKU	NTL	VFR	S-NS-P	VYKU AD 2
LANYWA / Lanywa** VYLY*	NTL	VFR	-	UNUSED AD
LASHIO / Lashio VYLS	NTL	IFR / VFR	S-NS-P	VYLS AD 2
LOIKAW / Loikaw VYLK	NTL	IFR / VFR	S-NS-P	VYLK AD 2

** The location indicators marked with an asterisk (*) cannot be used in the address component of AFS message.*
*** For emergency landing only.*

Aerodrome name Location indicator	Type of traffic permitted to use the aerodrome			Reference to AD section and remarks
	International-National (INTL-NTL)	IFR - VFR	S=Schedule NS=Non-schedule P=Private	
LONEKIN / Lonekin** VYLN*	NTL	VFR	-	UNUSED AD
MAGWAY / Magway VYMW	NTL	VFR	S-NS-P	VYMW AD 2
MANAUNG / Manaung VYMN	NTL	VFR	S	VYMN AD 2
MANDALAY / International VYMD	INTL-NTL	IFR / VFR	S-NS-P	VYMD AD 2
MAWLAMYINE / Mawlamyine VYMM	NTL	IFR / VFR	S-NS-P	VYMM AD 2
MEIKTILA / Meiktila (Mil AD) VYML	NTL	VFR	NS-P	-
MOMEIK / Momeik** VYMO*	NTL	VFR	-	UNUSED AD
MONG-HPAYAK / Mong-Hpayak** VYMH*	NTL	VFR	-	UNUSED AD
MONG-HSAT / Mong-Hsat VYMS	NTL	IFR / VFR	S-NS-P	VYMS AD 2
MONGPYIN / Mongpyin** VYMP*	NTL	VFR	-	UNUSED AD
MONG-TONG / Mong-Tong** VYMT*	NTL	VFR	-	UNUSED AD
MONGYAI / Mongyai** VYMI*	NTL	VFR	-	UNUSED AD
MONYWAR / Monywar VYMY	NTL	VFR	S-NS-P	VYMY AD 2
MYAUK U / Myauk U** VYMU*	NTL	VFR	-	UNUSED AD
MYEIK / Myeik VYME	NTL	IFR / VFR	S-NS-P	VYME AD 2
MYITKYINA / Myitkyina VYMK	NTL	IFR / VFR	S-NS-P	VYMK AD 2
NAMPONG / Nampong (Mil AD) VYNP	NTL	VFR	NS-P	-
NAMSANG / Namsang (Mil AD) VYNS	NTL	VFR	NS-P	-
NAMTU / Namtu** VYNU*	NTL	VFR	-	UNUSED AD
NAYPYITAW / International VYNT	INTL-NTL	IFR / VFR	S-NS-P	VYNT AD 2
NAUNGMON / Naungmon** VYNM*	NTL	VFR	-	UNUSED AD
PAKHOKKU / Pakhokku VYPU	NTL	VFR	S-NS-P	VYPU AD 2
PALETWA / Paletwa** VYPE*	NTL	VFR	-	UNUSED AD
PATHEIN / Pathein VYPN	NTL	IFR / VFR	S-NS-P	VYPN AD 2
PAUK / Pauk** VYPK*	NTL	VFR	-	UNUSED AD
PINLEBU / Pinlebu** VYPL*	NTL	VFR	-	UNUSED AD
PUTAO / Putao VYPT	NTL	IFR / VFR	S-NS-P	VYPT AD 2
PYAY / Pyay VYPY*	NTL	VFR	-	UNUSED AD

** The location indicators marked with an asterisk (*) cannot be used in the address component of AFS message.*
*** For emergency landing only.*

VYAN — ANN

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYAN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYAN — ANN

VYAN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	194609.37N 0940134.41E
2	**Direction and distance from city**	6 KM South-West of town
3	**Elevation/Reference temperature**	16.0 M (53 FT)/26.0°C
4	**Geoid undulation at ARP**	-48 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Ann airport RAKHINE STATE MYANMAR Tel: 098 526588 AFTN: VYANYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYAN AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYAN AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Nil

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYAN AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Nil
3	**Transportation**	Nil
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYAN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 4
2	**Rescue equipment**	CAT 4
3	**Capability for removal of disabled aircraft**	TBN
4	**Remarks**	Nil

VYAN AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYAN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength**	Surface: Concrete Strength: 60,781 kg Area: 91M x 91M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYAN AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR,TDZ, Centre line, aiming point, Edge Markings. TWY: Edge, THR and End Lighted.
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYAN AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 09	Nil	Building	194416.15N 0940029.27E	244M	Nil	LGT	Nil
OBST 12	Nil	Building	194426.32N 0940108.54E	169M	Nil	LGT	Nil
OBST 05	Nil	Building	194745.01N 0940137.77E	139M	Nil	LGT	Nil
OBST 06	Nil	Building	194727.05N 0940041.43E	265M	Nil	LGT	Nil
KARUN TAUNG	Nil	Building	194134.88N 0935422.52E	656M	Nil	LGT	Nil
RAT 20722	Nil	Antenna	194714.19N 0940019.49E	142M (464.721 FT)	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYAN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Nil

VYAN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	181°	2591 M x 30 M	60,781 KG Concrete	194649.10N 0940135.80E	16.1M
36	001°			194529.64N 0940133.03E	15.8M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
0.01%	RWY 36 61 x 30	Nil	2865 M x 150 M	Nil	Nil

VYAN AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
18	THR	2591 M	2591 M	2591 M	2591 M	Nil
36	THR	2591 M	2591 M	2652 M	2591 M	Nil

VYAN AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
18	Nil Nil Nil Nil	Green	Nil	Nil	Nil	White (Spacing 60M Final 600M of RWY end; Yellow, Medium Intensity)	Red	Nil	Nil
36	SALS Nil Nil LIH	Green	PAPI /Nil (14.9 M)	Nil	Nil	White (Spacing 60M Final 600M of RWY end; Yellow, Medium Intensity)	Red	Nil	Nil

VYAN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower, 2 Light Head Altn FLG WG/26 FLG/min(Rotating).
2	**LDI location and LGTAnemometer location and LGT**	
3	**TWY edge and centre line lighting**	Apron Edge Light: All blue, Centre line Light: Nil
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYAN AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
ANN CTR Circle: radius 10 NM, centred at 194609.37N 0940134.41E ARP 2000 FT AMSL / GND D	ANN TOWER	ANN TOWER: EN HO	7000 FT	Nil

VYAN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
ANN TOWER	ANN TOWER: EN	118.700 MHz	HO	Nil

VYAN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	AN	385 kHz	HO	194612.03N 0940145.77E	Not applicable	Coverage: 80 NM Em: NON/A2A

VYAN AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

ANN Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYAN AD 2.24 CHARTS RELATED TO AN AERODROME

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VYAS — ANISAKAN

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23, AD 2.24.

VYAS AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYAS — ANISAKAN

VYAS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	215721.48N 0962422.85E
2	**Direction and distance from city**	11.2KM South-West of City
3	**Elevation/Reference temperature**	953.9 M (3130 FT)/26.0°C
4	**Geoid undulation at ARP**	-46 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: ANISAKAN AIRPORT MANDALAY DIVISION MYANMAR Tel: 95 85 2050431 AFTN: VYASYDYX
7	**Types of traffic permitted (IFR/VFR)**	VFR
8	**Remarks**	Nil

VYAS AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	Nil
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYAS AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Nil

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYAS AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Numbers of Hotel in the city
2	**Restaurants**	Numbers of Restaurants in the city
3	**Transportation**	Taxi and pony-cart service available
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Travels and tour services in the city
7	**Remarks**	Nil

VYAS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	Nil
2	**Rescue equipment**	Nil
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYAS AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYAS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Concrete Strength: 395,987 kg Area: 183 M x 91 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYAS AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Aircraft stand markings Taxiing guidance signs at all intersections with TWY and RWY at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, TDZ Centre line aiming point, Edge markings. RWY: THR and End light, Edge Lighted.
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYAS AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 07	Nil	Building	220108.10N 0962645.27E	1132M	Nil	LGT	Nil
OBST 16	Nil	Building	220238.80N 0962458.98E	1133M	Nil	LGT	Nil
OBST 15	Nil	Building	220323.25N 0962310.63E	1255M	Nil	LGT	Nil
OBST 24(TOWER)	Nil	Antenna	215331.37N 0962332.06E	1143M	Nil	LGT	Nil
KYIMG TAUNG	Nil	Building	215506.76N 0962437.97E	1269M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYAS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Nil

VYAS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	026°	3048 M x 61 M	395,987 KG Concrete	215636.51N0962400.59E	947.9M
21	206°			215806.46N0962445.14E	953.9M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
0.2%	61 M x 61 M	Nil	3353 M x 150 M	Nil	Nil

VYAS AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
03	THR	3048 M	3048 M	3109 M	3048 M	Nil
21	THR	3048 M	3048 M	3109 M	3048 M	Nil

VYAS AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
03	Nil	Green	PAPI /Nil (14.9 M)		Nil	White (Spacing 60 M, Final 600M of RWY end; Yellow, High Intensity)	Red	Nil	Nil
21	SALS (Elevated) Nil Nil LIM	Green	PAPI /Nil (14.9 M)		Nil	White (Spacing 60 M, Final 600M of RWY end; Yellow, High Intensity)	Red	Nil	Nil

VYAS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower, 2 Light Head Altn FLG WG/26 FLG/min.
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYAS AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
ANISAKAN CTR Circle: radius 10 NM, centred at 215721.48N 0962422.85E ARP 5000 FT AMSL / GND D	ANISAKAN CONTROL TOWER	ANISAKAN TWR: EN HO	9000 FT	Nil

VYBG — BAGAN

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYBG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYBG — BAGAN

VYBG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	211044.28N 0945549.27E
2	**Direction and distance from city**	4.5 KM South-East of City
3	**Elevation/Reference temperature**	109.3 M (358 FT)/37.8°C
4	**Geoid undulation at ARP**	Nil
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Nyaung U airport MANDALAY DIVISION Tel: 95 61 2460941 - 95 61 2460942 AFTN: VYBGYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYBG AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	HO
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYBG AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage trolleys available

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYBG AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Numbers of Hotel in the city
2	**Restaurants**	Numbers of Restaurant in the city
3	**Transportation**	Many taxis available
4	**Medical facilities**	Nil
← 5	**Bank and Post Office**	Bank: ATM only Post: One Counter of Post Office
6	**Tourist Office**	Travels and tour services in the city
7	**Remarks**	Nil

VYBG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 5
2	**Rescue equipment**	CAT 5
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYBG AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYBG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and Area**	Surface: Asphalt Concrete Strength: 68,039 kg Area: [(335x91)M + (122x183)M]
2	**Taxiway width, surface and strength**	No taxiway
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYBG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system**	Aircraft stands and ID sign marking.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, aiming point, Centre line, Edge RWY: Edge, THR and End Lighted TWY: no Taxiway(lights on edges of Apron)
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYBG AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
TUYIN TAUNG PAGODA	Nil	BuildingPagoda	210723.50N 0945647.86E	288M	Nil	LGT	Nil
NAN MYINT TOWER	Nil	Tower	211018.01N 0945409.00E	148M	Nil	LGT	Nil
OBST 08	Nil	Antenna	210525.45N 0945746.32E	381M	Nil	LGT	Nil
OBST 07	Nil	Antenna	210338.05N 0945802.48E	430M	Nil	LGT	Nil
TANKYI TAUNG PAGODA	Nil	Building	210922.28N 0944706.42E	305M	Nil	LGT	Nil
TOWER	Nil	Tower	211033.38N 0945543.83E	125M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYBG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYBG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	180°	2591 M x 30 M	68,039 KG Concrete and asphalt	THR: 211126.45N 0945549.63E	THR: 96.2M
36	000°			THR: 211002.11N 0945548.91E	THR: 109.3M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
30%	61 M x 30 M	Nil	2865 M x 150 M	Nil	Nil
30%	61 M x 30 M	Nil		Nil	Nil

VYBG AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
18	THR	2591 M	2591 M	2652 M	2591 M	Nil
36	THR	2591 M	2591 M	2652 M	2591 M	Nil

VYBG AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
18	Nil	Green	PAPI /Nil (12.7 M)	Nil	Nil	White (Length 2591 M, Spacing 60 M Final 600M of RWY end; Yellow, Medium Intensity)	Red	Nil	Nil
36	SALS (Elevated, White) Nil 420 M LIH	Green	PAPI /Nil (16 M)	Nil	Nil	White (Length 2591 M, Spacing 60 M Final 600M of RWY end; Yellow, Medium Intensity)	Red	Nil	Nil

VYBG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Near Terminal, 2 Light Head Altn FLG WG/26 FLG/min(Rotating)
2	**LDI location and LGTAnemometer location and LGT**	
3	**TWY edge and centre line lighting**	Edge: All blue(No taxiway, lights on edges of Apron)
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYBG AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace		Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1		2	3	4	5
NYAUNG U ATZ Circle: radius 10 NM, centred at 211044.28N 0945549.27E ARP C	4000 FT AMSL GND	BAGAN TOWER	NYAUNG U TOWER: EN HO	8000 FT	Nil
NYAUNG U CTR Circle: radius 30 NM, centred at 211044.28N 0945549.27E ARP B	FL 170 STD GND	BAGAN APPROACH CONTROL OFFICE	NYAUNG U APPROACH: EN HO	8000 FT	Nil

VYBG AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
BAGAN APPROACH CONTROL OFFICE	NYAUNG U APPROACH: EN	119.700 MHz	HO	Nil
BAGAN TOWER	NYAUNG U TOWER: EN	118.700 MHz	HO	Nil

VYBG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	BG	335 kHz	HO	211035.50N 0945543.30E	Not applicable	Coverage 100 NM Em: NON/A2A
DVOR/DME	BGN	114.9 MHz CH 96X	HO	211010.33N 0945541.35E	64 M	Coverage 70 NM Em: A9WNON

VYBG AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Nyaung U Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR

VYBG AD 2.24 CHARTS RELATED TO AN AERODROME

VYBM — BANMAW

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYBM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYBM — BANMAW

VYBM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	241614.99N 0971450.20E
2	**Direction and distance from city**	3.2 KM East of City
3	**Elevation/Reference temperature**	115.3 M (378 FT)/33.8°C
4	**Geoid undulation at ARP**	-45 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: BANMAW AIRPORT BANMAW KACHIN STATE MYANMAR Tel: 95 74 50105 AFTN: VYBMYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYBM AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HO
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYBM AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	NilNil

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYBM AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Guest Houses available in town
2	**Restaurants**	Restaurants available in town
3	**Transportation**	Taxi services
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYBM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYBM AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYBM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength**	Surface: Asphalt Concrete Strength: 33,112 kg
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYBM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines and** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, aiming point, Centre line, Edge RWY: Edge,THR and End Lighted
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYBM AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
LOI HIDT TAUNG	Nil	Building	242041.49N 0971231.71E	330M	Nil	LGT	Nil
KYAR TAUNG	Nil	Building	242142.57N 0971004.44E	451M	Nil	LGT	Nil
MOUNT TOP 4	Nil	Building	242300.23N 0971139.85E	535M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYBM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Nil

VYBM AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
15	149°	2286 M x 30 M	33,112 kg Concrete and asphalt	241646.55N 0971428.84E	114.3M
33	329°			241543.43N 0971511.56E	115.3M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
0.05%	61 M x 30 M	Nil	2438 M x 122 M	Nil	Nil

VYBM AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
15	THR	2286 NM	2286 M	2347 M	2286 M	Nil
33	THR	2286 M	2286 M	2347 M	2286 M	Nil

VYBM AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
15	SALS (Elevated) Nil Nil LIM	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Spacing 60 M , Final 600M of RWY end; Yellow) LIM	Red	Nil	Nil
33	Nil Nil Nil Nil	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Spacing 60 M , Final 600M of RWY end; Yellow) LIM	Red	Nil	Nil

VYBM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower, 2 Light Head Altn FLG WG/26 FLG/min(Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYBM AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
BANMAW ATZ Circle: radius 5 NM, centred at 241614.99N 0971450.20E ARP 2000 FT AMSL / GND C	BANMAW TOWER	BANMAW TOWER: EN HO	10000 FT	Nil

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
BANMAW CTR Circle: radius 20 NM, centred at 241614.99N 0971450.20E ARP FL 130 STD / GND C	BANMAW APPROACH CONTROL	BANMAW APPROACH: EN HO	10000 FT	Nil

VYBM AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
BANMAW APPROACH CONTROL	BANMAW APPROACH: EN	119.700 MHz	HO	Nil
BANMAW TOWER	BANMAW TOWER: EN	118.700 MHz	HO	Nil

VYBM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	BM	320 kHz	HO	241609.58N 0971454.59E	Not applicable	Coverage: 50 NM Em: NON/A2A

VYBM AD 2.20 LOCAL TRAFFIC REGULATION

1 AIRPORT REGULATIONS

Banmaw Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenanc

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR

VYBM AD 2.24 CHARTS RELATED TO AN AERODROME

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VYBP AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs**	Nil
	TWY guide lines	
	Visual docking/parking guidance system of aircraft stands	
2	**RWY and TWY markings and LGT**	RWY: Designation, THR Centre line, Aiming point, Edge TWY: Edge/End lighted THR light
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYBP AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
KHAO LAM PI TAUNG	Nil	Building	110454.42N 0984709.43E	668M	Nil	LGT	Nil
KHAO BAK MUN TAUNG	Nil	Building	111258.42N 0985050.21E	581M	Nil	LGT	Nil
OBST 04	Nil	Building	111032.20N 0984701.72E	442M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYBP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
17	166°	3048 M x 30 M	395,987 KG Concrete	110945.62N 0984358.10E	13.3M
35	346°			110809.44N 0984422.65E	26.1M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
0%	61 M x 30 M	Nil	3322 M x 150 M	Nil	Nil

VYBP AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
17	THR	3048 M	3048 M	3109 M	3048 M	Nil
35	THR	3048 M	3048 M	3109 M	3048 M	Nil

VYBP AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
17	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
35	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

VYBP AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace		Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1		2	3	4	5
BOKPYINN CTR Circle: radius 10 NM, centred at 110857.56N 0984410.37E ARP E	2000 FT AMSL GND	BOKPYINN TOWER	BOKPYINN TOWER: EN HO	7000 FT	Nil

VYBP AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
BOKPYINN TOWER	BOKPYINN TOWER: EN	Primary: 118.700 MHz	HO	Nil

VYBP AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
Nil						

VYBP AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Bokpyinn Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation

h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYBP AD 2.24 CHARTS RELATED TO AN AERODROME

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VYDW — DAWEI/DAWEI

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYDW AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYDW — DAWEI/DAWEI

VYDW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	140550.55N 0981224.18E
2	**Direction and distance from city**	4.8 KM North-East of town
3	**Elevation/Reference temperature**	25.6 M (84 FT)/Nil
4	**Geoid undulation at ARP**	-35 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Dawei airport DAWEI TANINTHARYI DIVISION Tel: 95 59 2021058 AFTN: VYDWYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYDW AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	HO
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	(Not practicable)
12	**Remarks**	Nil

VYDW AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolley

2	**Fuel/oil types**	Fuel: JP1 Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYDW AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Hotels in town
2	**Restaurants**	Restaurants in town
3	**Transportation**	Taxi service
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYDW AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 5
2	**Rescue equipment**	CAT 5
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYDW AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYDW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Concrete Strength: 395,987 kg Area: 183 M x 61 M
2	**Taxiway width, surface and strength**	Width: 31 M Surface: Concrete Strength: 395,987 kg
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYDW AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs**	Nil
	TWY guide lines	
	Visual docking/parking guidance system of aircraft stands	
2	**RWY and TWY markings and LGT**	RWY: Designation, THR Centre line aiming point, Edge, THR, End Lighted.
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYDW AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
SABA TAUNG PAGODA	Nil	Building	140238.06N 0981428.45E	317M	Nil	LGT	Nil
KAN NI TAUNG	Nil	Building	140138.36N 0980512.81E	740M	Nil	LGT	Nil
KYI HMYAW TAUNG	Nil	Building	140935.02N 0960736.13E	301M	Nil	LGT	Nil
MOUNT TOP	Nil	Building	140631.37N 0980727.76E	473M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYDW AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYDW AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
16	157.00°	3657 M x 30 M	395,987 KG Concrete	140632.71N 0981205.61E	22.3M
34	337.00°			140455.87N 0981248.26E	25.6M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
10%	61 M x 30 M	Nil	3859 M x 150 M	Nil	Nil

VYDW AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
16	THR	3657 M	3657 M	3718 M	3237 M	Nil
34	THR	3657 M	3657 M	3718 M	3657 M	Nil

VYDW AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
16	SALS Nil 420 M LIH	Green	PAPI /Nil (12.9 M)	Nil	Nil	White (Length 3237 M, Spacing 60M White, Final 600m of RWY end; Yellow ,High Intensity)	Red	Nil	Nil
34	Nil	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Length 3237 M, Spacing 60M White, Final 600m of RWY end; Yellow ,High Intensity)	Red	Nil	Nil

VYDW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower, LED Flash Light WG/25 FLG/min
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Edge: All Blue
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYHH — HEHO

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYHH AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYHH — HEHO

VYHH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	204449.36N 0964731.28E
2	**Direction and distance from city**	3.7 KM North West of Heho town
3	**Elevation/Reference temperature**	1199.4 M (3935 FT)/31.1°C
4	**Geoid undulation at ARP**	-38 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Heho airport SHAN STATE MYANMAR Tel: 95 81 63032 AFTN: VYHHYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYHH AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYHH AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolley or Carts

2	**Fuel/oil types**	Fuel: JP1 Oil: Nil
3	**Fuelling facilities/capacity**	Nil 44000 gals
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYHH AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Available at airport
3	**Transportation**	Taxi service
4	**Medical facilities**	First Aid
5	**Bank and Post Office**	Bank: Three Money Changers and Two ATM Post: Available at Arrival Hall
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYHH AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 5
2	**Rescue equipment**	CAT 5
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYHH AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYHH AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 68,039 kg Area: 427 M x 69 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYHH AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, aiming point, Centre line, Edge RWY: Edge, THR and End Lighted
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYHH AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 33	Nil	Building	203812.38N 0965055.67E	1586M	Nil	LGT	Nil
PAGODA	Nil	Building	204557.42N 0964738.83E	1287M	Nil	LGT	Nil
OBST 19	Nil	Building	204645.07N 0964804.06E	1309M	Nil	LGT	Nil
SANDAW TAUNG	Nil	Building	204834.34N 0964641.68E	1409M	Nil	LGT	Nil
OBST 18	Nil	Building	204634.60N 0964247.36E	1491M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYHH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYHH AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	181.00°	2591 M x 46 M	68,039 KG Concrete and asphalt	204531.40N 0964731.46E	1199.4M
36	001.00°			204407.33N 0964731.09E	1171.5M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
100% 1.54%,1.35%	61 M x 45 M	213 M x 91 M	2895 M x 150 M	Nil	Nil
90% ,0.8%	61 M x 45 M	122 M x 91 M		Nil	Nil

VYHH AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
18	THR	2591 M	2774 M	2652 M	2591 M	Nil
36	THR	2591 M	2865 M	2652 M	2591 M	Nil

VYHH AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
18	Nil	Green	PAPI /Nil (17.8 M)	Nil	Nil	White (Length 2591 M, Spacing 60 M, Final 600 M of RWY end; Yellow) LIH	Red	Nil	Nil
36	SALS (Elevated) Nil 420 M LIH	Green	PAPI /Nil (16.1 M)	Nil	Nil	White (Length 2591 M Spacing 60 M, Final 600 M of RWY end; Yellow) LIH	Red	Nil	Nil

VYHH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Old Terminal, 2 Light Head Altn FLG WG/26 FLG/min(Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYHH AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
HEHO ATZ Circle: radius 5 NM, centred at 204449.36N 0964731.28E ARP 6000 FT AMSL / GND C	HEHO TOWER	HEHO TOWER: EN HO	11000 FT	Nil

VYHL AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Hommalinn Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYHL AD 2.24 CHARTS RELATED TO AN AERODROME

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VYKG — KENGTUNG

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYKG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYKG — KENGTUNG

VYKG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	211805.94N 0993808.75E
2	**Direction and distance from city**	4.8 KM South-East of City
3	**Elevation/Reference temperature**	824.5 M (2705 FT)/33.4°C
4	**Geoid undulation at ARP**	-34 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Kengtung airport KENGTUNG SHAN STATE MYANMAR Tel: 95 84 21433 AFTN: VYKGYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYKG AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYKG AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYKG AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Available in town
2	**Restaurants**	Available in airport compound
3	**Transportation**	Taxi and bus services available
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Has a Counter (Myanmar Hotel & TOURISM DEPT)
7	**Remarks**	Nil

VYKG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYKG AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYKG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength**	Surface: Concrete Strength: 60,781 kg Area: 183 M x 49 M
2	**Taxiway width, surface and strength and area**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYKG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, TDZ, Centre line, Edge RWY: Edge, THR and End lighted
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYKG AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 02	Nil	Building	212340.62N 0993206.87E	1387M	Nil	LGT	Nil
ATC TOWER	Nil	Building	211811.38N 0993752.38E	859M	Nil	LGT	Nil
OBST 30	Nil	Building	211747.76N 0994027.36E	899M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYKG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYKG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
12	122.00°	2438 M x 46 M	60,781 KG Concrete and asphalt	211826.45N 0993732.42E	824.4M
30	302.00°			211745.64N 0993845.29E	824.5M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
Nil	Nil	Nil	2730 M x 150 M	Nil	Nil
0%	61 M x 46 M	Nil		Nil	Nil

VYKG AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
12	THR	2438 M	2438 M	2499 M	2438 M	Nil
30	THR	2438 M	2438 M	2438 M	2438 M	Nil

VYKG AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
12	Nil	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Length 2438 M, Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
30	Nil	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Length 2438 M, Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil

VYKG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: 30 FT from Control Tower, 2 lights Head Altn FLG WG/26 FLG/min(Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYKG AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
KENGTUNG ATZ Circle: radius 5 NM, centred at 211805.94N 0993808.75E ARP 4000 FT AMSL / GND C	KENGTUNG TOWER	KENGTUNG TOWER: EN HO	11000 FT	Nil

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
KENGTUNG CTR Circle: radius 20 NM, centred at 211805.94N 0993808.75E ARP FL 130 STD / GND C	KENGTUNG APPROACH CONTROL	KENGTUNG APPROACH: EN HO	11000 FT	Nil

VYKG AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
KENGTUNG APPROACH CONTROL	KENGTUNG APPROACH: EN	119.700 MHz	HO	Nil
KENGTUNG TOWER	KENGTUNG TOWER: EN	118.700 MHz	HO	Nil

VYKG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	KG	400 kHz	HO	211809.84N 0993750.01E	Not applicable	Coverage: 50 NM Em: NON/A2A
DVOR/DME	KTG	CH 103X 115.6 MHz	HO	211823.34N 0993748.00E	2736 FT	Coverage: 50 NM Em: A9W

VYKG AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Kengtung Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYKG AD 2.24 CHARTS RELATED TO AN AERODROME

VYKI — KANTI

Note: The following sections in this chapter are intentionally left blank:
AD 2.15, AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYKI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYKI — KANTI

VYKI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	255919.49N 0954028.88E
2	**Direction and distance from city**	0.8 KM South of town
3	**Elevation/Reference temperature**	204.7 M (672 FT)/Nil
4	**Geoid undulation at ARP**	-49 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Kanti airport KANTI SAGAING DIVISION MYANMAR Tel: 010-4320232 AFTN: VYKIYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYKI AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYKI AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYKI AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Available at airport compound
3	**Transportation**	Nil
4	**Medical facilities**	Hospital in town
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYKI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYKI AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYKI AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 20,412 kg Area: 61 M x 61 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYKI AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Kanti Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYKI AD 2.24 CHARTS RELATED TO AN AERODROME

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VYKL — KALAY

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYKL AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYKL — KALAY

VYKL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	231119.60N 0940304.04E
2	**Direction and distance from city**	in the city
3	**Elevation/Reference temperature**	133.8 M (439 FT)/Nil
4	**Geoid undulation at ARP**	-51 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Kalay airport KALAYMYO SAGAING DIVISION MYANMAR Tel: 95 73 21008 AFTN: VYKLYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYKL AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYKL AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYKL AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Available in town
2	**Restaurants**	Available in town
3	**Transportation**	Nil
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYKL AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYKL AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYKL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 33,112 kg Area: 91 M x 61 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYKL AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
KALAY APPROACH CONTROL	KALAY APPROACH: EN	119.700 MHz	HO	Nil
KALAY TOWER	KALAY TOWER: EN	118.700 MHz	HO	Nil

VYKL AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	KL	225 kHz	HO	231119.19N 0940342.00E	Not applicable	Coverage 50 NM Em: NON/A2A

VYKL AD 2.20 LOCAL TRAFFIC REGULATION

1 AIRPORT REGULATIONS

Kalay Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYKL AD 2.24 CHARTS RELATED TO AN AERODROME

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VYKP — KYAUKPYU

Note: The following sections in this chapter are intentionally left blank:
AD 2.15, AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYKP AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYKP — KYAUKPYU

VYKP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	192535.57N 0933204.86E
2	**Direction and distance from city**	1.6 KM West of town
3	**Elevation/Reference temperature**	4.1 M (13.45 FT)/31.8°C
4	**Geoid undulation at ARP**	-48 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Kyaukpyu airport, KYAUKPYU RAKHINE STATE MYANMAR Tel: 95 43 46014 AFTN: VYKPYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYKP AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYKP AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Nil
2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYKP AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Available in airport compound
3	**Transportation**	Nil
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYKP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYKP AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYKP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 20,412 kg Area: 91 M x 61 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYKT — KAWTHOUNG

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYKT AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYKT — KAWTHOUNG

VYKT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	100258.54N 0983217.25E
2	**Direction and distance from city**	4 KM East of city
3	**Elevation/Reference temperature**	12.4 M (41 FT)/31.9°C
4	**Geoid undulation at ARP**	-28 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Kawthoung airport KAWTHOUNG TANINTHARYI DIVISION Tel: 95 59 51018 - 95 59 51016 AFTN: VYKTYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYKT AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYKT AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

2	**Fuel/oil types**	Fuel: A1, JET Oil: Nil
3	**Fuelling facilities/capacity**	Bowser to Dispenser Unit/Depot Capacity 23000 IGs. Jet.A-1 delivered by dispenser with engine pump 25 GPM. Bowser Capacity 750 IGs (Imperil gallon) Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYKT AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Available in airport compound
3	**Transportation**	Taxi and bus services available
4	**Medical facilities**	Hospital in town
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYKT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 3
2	**Rescue equipment**	CAT 3
3	**Capability for removal of disabled aircraft**	TBN
4	**Remarks**	Nil

VYKT AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYKT AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Asphalt Concrete Strength: 60,781 kg Area: 274 M x 76 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYKT AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: edge, THR and End Lighted
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYKT AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBSTACLE 11	Nil	Building	100521.77N 0983324.90E	499M	Nil	LGT	Nil
OBSTACLE 17	Nil	Building	100048.09N 0983213.33E	292M	Nil	LGT	Nil
OBSTACLE 18	Nil	Building	100049.13N 0983254.23E	358M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYKT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYKT AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
02	018°	1829 M x 46 M	60,781 KG Concrete and asphalt	100229.43N 0983207.74E	10.3M
20	198°			100325.84N 0983226.14E	12.4M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
0%	61 M x 46 M	Nil	2133 M x 91 M	Nil	Nil

VYKT AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
02	THR	1829 M	1829 M	1890 M	1829 M	Nil

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
20	THR	1829 M	1829 M	1890 M	1829 M	Nil

VYKT AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
02	SALS (Elevated high Intensity) Nil Nil Nil	Green	PAPI /Nil (11.9 M)	Nil	Nil	White (Length 1829 M, Spacing 60 M, Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
20	Nil	Green	PAPI /Nil (11.9 M)	Nil	Nil	White (Length 1829 M, Spacing 60 M, Final 600 M of RWY end; Yellow,) LIM	Red	Nil	Nil

VYKT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: CONTROL TOWER , 2 LIGHT HEADAltn FLG WG/26 FLG/min (Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 Min (Manual)
5	**Remarks**	Nil

VYKT AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
KAWTHOUNG ATZ Circle: radius 5 NM, centred at 100258.55N 0983217.25E ARP 1500 FT AMSL / GND C	KAWTHOUNG TOWER	KAWTHOUNG TWR: EN HO	4000 FT	Nil

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
KAWTHOUNG CTR Circle: radius 20 NM, centred at 100258.55N 0983217.25E FL 130 STD / GND C	KAWTHOUNG APPROACH CONTROL	KAWTHOUNG APPROACH: EN HO	4000 FT	Nil

VYKT AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
KAWTHOUNG APPROACH CONTROL	KAWTHOUNG APPROACH: EN	119.700 MHz	HO	Nil
KAWTHOUNG TOWER	KAWTHOUNG TWR: EN	118.700 MHz	HO	Nil

VYKT AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	KT	290 kHz	HO	100300.03N 0983224.25E	Not applicable	Coverage: 50 NM Em: NON/A2A

VYKT AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Kawthoung Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYKT AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart - ICAO ..... AD 2.VYKT-ADC
Instrument Approach Chart - ICAO- RWY 02 NDB ..... VYKT AD 2-9

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VYLK — LOIKAW

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYLK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYLK — LOIKAW

VYLK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	194130.32N 0971253.58E
2	**Direction and distance from city**	2 KM North-East of City
3	**Elevation/Reference temperature**	893.8 M (2932 FT)/32.4°C
4	**Geoid undulation at ARP**	-37 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Loikaw airport LOIKAW KAYAH STATE MYANMAR Tel: 95 83 32221500 AFTN: VYLKYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYLK AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	H24
11	**De-icing**	Nil
12	**Remarks**	Nil

VYLK AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYLK AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Available in town
2	**Restaurants**	Available in airport compound
3	**Transportation**	Taxi and bus services available
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Available in Town Post: Available in Town
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYLK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 3
2	**Rescue equipment**	CAT 3
3	**Capability for removal of disabled aircraft**	TBN
4	**Remarks**	Nil

VYLK AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYLK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 20,412 kg Area: 91 M x 46 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYLK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR,TDZ, Centre line, aiming point, Edge RWY: Edge, THR and End Lighted TWY: Edge Lighted
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYLK AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 2	Nil	Building	194721.35N 0971055.31E	130M	Nil	LGT	Nil
MOUNT TOP 2	Nil	Building	194729.14N 0971500.87E	1175M	Nil	LGT	Nil
TOWER	Nil	Building	194122.53N 0971249.87E	916M	Nil	LGT	Nil
NDB ANTENNA	Nil	Antenna	194125.64N 0971247.79E	924M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYLK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	H24

VYLK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
01	005.00°	2133 M x 23 M	20,412 KG Bitumen	194104.66N 0971251.64E	893.4M
19	185.00°			194214.04N 0971256.88E	893.8M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
4%, 4%	RWY 01 61 M x 30 M	Nil	2519 M x 150 M	Nil	Nil

VYLK AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
01	THR	2133 M	2133 M	2194 M	2133 M	Nil
19	THR	2133 M	2133 M	2133 M	2133 M	Nil

VYLK AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
01	Nil	Green	Nil	Nil	Nil	White (Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
19	Nil	Green	Nil	Nil	Nil	White (Spacing 60 M) LIM	Red	Nil	Nil

VYLK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	Nil
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 MIN (Manual)
5	**Remarks**	Nil

VYLK AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
LOIKAW ATZ Circle: radius 5 FT, centred at 194130.32N 0971253.58E ARP 5000 FT AMSL / GND C	LOIKAW TOWER	LOIKAW TOWER: EN HO	10000 FT	Nil

VYLS — LASHIO

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYLS AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYLS — LASHIO

VYLS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	225839.49N 0974508.68E
2	**Direction and distance from city**	2 KM from North of Town
3	**Elevation/Reference temperature**	766.9 M (2516 FT)/31.4°C
4	**Geoid undulation at ARP**	-43 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Lashio airport LASHIO SHAN STATE MYANMAR Tel: 95 82 23300 AFTN: VYLSYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYLS AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYLS AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Nil

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYLS AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Guest houses available in town
2	**Restaurants**	Available in town
3	**Transportation**	Taxi Service
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Available in city Post: Available in city
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYLS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYLS AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYLS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 20,412 KG Area: 335 M x 82 M
2	**Taxiway width, surface and strength**	Width: 91 M x 15 M
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYMD — MANDALAY INTERNATIONAL

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.23.

VYMD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYMD — MANDALAY INTERNATIONAL

VYMD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	214203.86N 0955838.84E Centre of runway centre line
2	**Direction and distance from city**	30 KM South-West of Mandalay city
3	**Elevation/Reference temperature**	91.6 M (301 FT)/37.3°C
4	**Geoid undulation at ARP**	Nil
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	MC-JALUX AIRPORT SERVICES CO.LTD. Post: Mandalay International Airport MANDALAY DIVISION MYANMAR Tel: 95 2 4027019 Fax: 95 2 4027018 mailto: occ@mjas.com.mm AFTN: VYMDYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYMD AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	H24
2	**Customs and immigration**	H24
3	**Health and sanitation**	Health: H24 Sanitation: H24
4	**AIS Briefing Office**	H24
5	**ATS Reporting Office (ARO)**	H24
6	**MET Briefing Office**	H24
7	**ATS**	H24
8	**Fuelling**	H24
9	**Handling**	HS
10	**Security**	H24
11	**De-icing**	Nil
12	**Remarks**	Nil

VYMD AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Main terminal building has 6 aerobridge parking stands (3 for category E and category D aircraft) with a total of 11 remote parking stands.
2	**Fuel/oil types**	Fuel: JP1, JET, A1 Oil: Nil
3	**Fuelling facilities/capacity**	4 storage tanks Subterranean fuelling system for 6 contact gates and by bowser for the remote gates.
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	JP1 avbl at price of US$3.28 per imperial gallon. variable by day

VYMD AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Numbers of Hotels available in Mandalay city
2	**Restaurants**	Numbers of restaurants available in Mandalay city
3	**Transportation**	Taxi services
4	**Medical facilities**	First aid
5	**Bank and Post Office**	Bank: Available at airport Post: Available at airport
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYMD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 9
2	**Rescue equipment**	CAT 9
3	**Capability for removal of disabled aircraft**	MOU with crane service 55 tons crane available. Operation Control Centre Phone: +95-2-4027019 Fax: +95-4027018 mail: occ@mjas.com.mm
4	**Remarks**	Nil

VYMD AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYMD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Concrete Strength: PCN 55/R/A/W/T Area: 610 M x 244 M
2	**Taxiway width, surface and strength**	Width: 30 M /100 FT Surface: Concrete Strength: PCN 55/R/A/W/T
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil

VYME AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 1 (MOUNT TOP)	Nil	Building	123548.25N 0984214.24E	193M	Nil	LGT	Nil
OBST 2 (MOUNT TOP)	Nil	Building	121700.63N 0984439.66E	133M	Nil	LGT	Nil
TOWER	Nil	Building	122651.09N 0983708.87E	37M	Nil	LGT	Nil
OBST 07	Nil	Building	122419.20N 0983436.62E	239M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYME AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYME AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	183.00°	2743 M x 61 M	60,781 KG Concrete and asphalt	122708.46N 0983718.10E	18.9M
36	003.00°			122540.00N 0983713.86E	9.6M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
47%,0%	61 Mx30 M	Nil	2956 Mx150 M	Nil	Nil

VYME AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
18	THR	2743 M	2743 M	2773 M	2743 M	Nil
36	THR	2743 M	2743 M	2773 M	2743 M	Nil

VYME AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
18	SALS (Elevated) Nil 420 M LIM	Green	PAPI /Nil (20.1 M)	Nil	Nil	White (Length 2743 M, Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
36	Nil	Green	PAPI /Nil (14.9 M)	Nil	Nil	White (Length 2743 M, Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil

VYME AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower , 2 Light Head Altn Flg WG/26 FLG/min(Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 Min(Manual)
5	**Remarks**	Nil

VYME AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
MYEIK ATZ Circle: radius 10 NM, centred at 122624.34N 0983715.99E ARP 1500 FT AMSL / GND C	MYEIK TOWER	MYEIK TOWER: EN HO	5000 FT	Nil
MYEIK CTR Circle: radius 30 NM, centred at 022624.34N 0983715.99E ARP FL 130 STD / GND C	MYEIK APPROACH CONTROL OFFICE	MYEIK APPROACH: EN HO	5000 FT	Nil

VYMK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands.**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR,TDZ, Centre line, aiming point, edge RWY: edge, THR and End Lighted LGT: RWY edge, THR, End
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYMK AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
ANTENNA	Nil	Antenna	252337.88N 0972103.07E	197M	Nil	LGT	Nil
OBSTACLE	Nil	Building	252658.02N 0972838.33E	527M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYMK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYMK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
04	037.00°	2133 M x 46 M	33,112 KG Concrete and asphalt	252233.69N 0972050.22E	144.0M
22	217.00°			252329.82N 0972135.05E	147.5M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
22%	Nil	Nil	2294 M x 150 M	Nil	Nil
43%	Nil	Nil		Nil	Nil

VYMK AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
04	THR	2133 M	2133 M	2133 M	2133 M	Nil

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
22	THR	2133 M	2133 M	2133 M	2133 M	Nil

VYMK AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
04	Nil	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Length 2133 M, Spacing 60 M, Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
22	Nil	Green	Nil	Nil	Nil	White (Length 2133 M, Spacing 60 M, Final 600 M of RWY end; Yellow,) LIM	Red	Nil	Nil

VYMK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	Nil
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 MIN (Manual)
5	**Remarks**	Nil

VYMK AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
MYITKYINA ATZ Circle: radius 5 NM, centred at 252258.04N 0972109.60E 1500 FT AMSL / GND C	MYITKYINA TOWER	PAMTI TOWER: EN HO	12000 FT	Nil
MYITKYINA CTR Circle: radius 30 NM, centred at 252258.04N 0972109.60E FL 100 STD / GND C	MYITKYINA APPROACH CONTROL	MYITKYINA APP: EN HO	12000 FT	Nil

VYMK AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
MYITKYINA APPROACH CONTROL	MYITKYINA APP: EN	119.700 MHz	HO	Nil
MYITKYINA TOWER	PAMTI TOWER: EN	118.700 MHz	HO	Nil

VYMK AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	MK	275 kHz	HO	252301.15N 0972125.54E	Not applicable	Coverage: 50 NM Em: NON/A2A
DVOR/DME	MKN	CH 104X 115.7 MHz	HO	252315.54N 0972130.31E	Not applicable	Coverage: 50 NM Em: A9WNON

VYMK AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Myitkyina Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYMK AD 2.24 CHARTS RELATED TO AN AERODROME

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VYMM — MAWLAMYINE

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYMM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYMM — MAWLAMYINE

VYMM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	162641.47N 0973939.01E
2	**Direction and distance from city**	3.7 KM from City
3	**Elevation/Reference temperature**	23.8 M (78 FT)/32.5°C
4	**Geoid undulation at ARP**	-37 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Mawlamyine airport MAWLAMYINE MON STATE MYANMAR Tel: 95 057 2030531 - 95 057 2030532 AFTN: VYMMYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYMM AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYMM AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYMM AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Available in city
2	**Restaurants**	Available
3	**Transportation**	Taxi and bus services available
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYMM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 4
2	**Rescue equipment**	CAT 4
3	**Capability for removal of disabled aircraft**	TBN
4	**Remarks**	Nil

VYMM AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYMM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 20,412 kg Area: 91 M x 61 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYMM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, TDZ Centre line aiming point, Edge THR and End light
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYMM AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
KARON TAUNG	Nil	Building	163156.26N 0974253.00E	167M	Nil	LGT	Nil
OBST 2	Nil	Building	162553.34N 0974007.27E	257M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYMM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYMM AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
04	036.00°	1615 M x 46 M	20,412 KG Bitumen	162620.11N 0973923.21E	23.8M
22	216.00°			162702.82N 0973954.82E	12.9M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
Nil	Nil	Nil	1798 M x 150 M	Nil	Nil

VYMM AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
04	THR	1615 M	1615 M	1615 M	1615 M	Nil
22	THR	1615 M	1615 M	1615 M	1615 M	Nil

VYMM AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
04	Nil	Green	PAPI /Nil (11.2 M)	Nil	Nil	White (Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
22	Nil	Green	PAPI /Nil (10.4 M)	Nil	Nil	White (Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil

VYMM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower , 2 Light Head Altn Flg WG/26 FLG/min (Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 MIN (Manual)
5	**Remarks**	Nil

VYMM AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace		Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1		2	3	4	5
MAWLAMYINE ATZ Circle: radius 5 NM, centred at 162641.47N 0973939.01E ARP C	1500 FT AMSL GND	MAWLAMYINE TOWER	MAWLAMYINE TOWER: EN HO	5000 FT	Nil
MAWLAMYINE CTR Circle: radius 20 NM, centred at 162641.47N 0973939.01E ARP C	FL 100 STD GND	MAWLAMYINE APPROACH CONTROL	MAWLAMYINE APPROACH: EN HO	5000 FT	Nil

VYMM AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
MAWLAMYINE APPROACH CONTROL	MAWLAMYINE APPROACH: EN	119.700 kHz	HO	Nil
MAWLAMYINE TOWER	MAWLAMYINE TOWER: EN	118.700 MHz	HO	Nil

VYMM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	MM	330 kHz	HO	162635.95N 0973927.82E	Not applicable	Coverage: 50 NM Em: NON/A2A

VYMM AD 2.20 LOCAL TRAFFIC REGULATION

1 AIRPORT REGULATIONS

Mawlamyine Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYMM AD 2.24 CHARTS RELATED TO AN AERODROME

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VYMN — MANAUNG

Note: The following sections in this chapter are intentionally left blank:
AD 2.15, AD 2.16, AD 2.21, AD 2.22, AD 2.23, AD 2.24.

VYMN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYMN — MANAUNG

VYMN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	185039.61N 0934103.39E
2	**Direction and distance from city**	North of Manaung City
3	**Elevation/Reference temperature**	13.6 M (45 FT)/Nil
4	**Geoid undulation at ARP**	Nil
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Manaung airport MANAUNG RAKHINE STATE MYANMAR Tel: 95 09 6565624 AFTN: VYMNYDYX
7	**Types of traffic permitted (IFR/VFR)**	
8	**Remarks**	Nil

VYMN AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	
2	**Customs and immigration**	Nil
3	**Health and sanitation**	Health: Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	Nil
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYMN AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Nil
2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYMN AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Nil
3	**Transportation**	Nil
4	**Medical facilities**	Available in town
5	**Bank and Post Office**	Bank: Available in city Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYMN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYMN AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYMN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength**	Surface: Bitumen Strength: 16,735 kg Area: 91 M x 61 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYMS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	MS	312 kHz	HO	203101.37N 0991525.61E	Not applicable	Coverage: 50 NM Em: NON/A2A

VYMS AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Mong-Hsat Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYMS AD 2.24 CHARTS RELATED TO AN AERODROME

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VYMW — MAGWAY

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYMW AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYMW — MAGWAY

VYMW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	200912.90N 0945806.91E
2	**Direction and distance from city**	6 KM South-West of City
3	**Elevation/Reference temperature**	90.9 M (298 FT)/26.0°C
4	**Geoid undulation at ARP**	-46 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Magway airport MAGWAY DIVISION MYANMAR Tel: 95 63 23713 AFTN: VYMWYDYX
7	**Types of traffic permitted (IFR/VFR)**	VFR
8	**Remarks**	Nil

VYMW AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYMW AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Nil

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYMW AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Nil
3	**Transportation**	Nil
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYMW AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2
2	**Rescue equipment**	CAT 2
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYMW AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYMW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Concrete Strength: 165,000 kg Area: 122 M x 122 M
2	**Taxiway width, surface and strength**	Width: 351 M x 31 M
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYMW AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, Centre line, aiming point, Edge Markings RWY: Edge, THR and End Lighted
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYMW AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 06	Nil	Building	201134.37N 0950408.35E	274M	Nil	LGT	Nil
OBST 08	Nil	Building	201059.92N 0945844.84E	118M	Nil	LGT	Nil
PAGODA	Nil	Building	201623.33N 0945425.48E	148M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYMW AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYMW AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
01	008°	2591 M x 61 M	165,000 KG Concrete	200831.31N0945759.88E	84.4M
19	188°			200954.51N0945813.93E	90.9M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
-0.25%	61 M x 61 M	Nil	2895 M x 150 M	Nil	Nil

VYMW AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
01	THR	2591 M	2591 M	2652 M	2591 M	Nil
19	THR	2591 M	2591 M	2652 M	2591 M	Nil

VYMW AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
01	Nil	Green	PAPI /Nil (15.1 M)	Nil	Nil	White (Spacing 60 M, Final 600 M of RWY end; Yellow, High Intensity)	Red	Nil	Nil
19	Nil	Green	PAPI /Nil (15.1 M)	Nil	Nil	White (Spacing 60 M, Final 600 M of RWY end; Yellow, High Intensity)	Red	Nil	Nil

VYMW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower , 2 Light Head Altn Flg WG/26 FLG/min (Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Edge: All blue
4	**Secondary power supply/switch-over time**	3 MIN (Manual)
5	**Remarks**	Nil

VYMW AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
MAGWAY CTR Circle: radius 10 NM, centred at 200912.90N 0945806.90E ARP 3000 FT AMSL / GND D	MAGWAY TOWER	MAGWAY TWR: EN HO	7000 FT	Nil

VYMW AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
MAGWAY TOWER	MAGWAY TWR: EN	118.700 MHz	HO	Nil

VYMW AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	MW	305 kHz	HO	200940.26N 0945829.04E	Not applicable	Coverage 100 NM Em: NON/A2A

VYMW AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Magway Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYMW AD 2.24 CHARTS RELATED TO AN AERODROME

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VYMY — MONYWAR

Note: The following sections in this chapter are intentionally left blank:
AD 2.4, AD 2.15, AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYMY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYMY — MONYWAR

VYMY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	221327.77N 0950536.41E
2	**Direction and distance from city**	13 KM North-West of city
3	**Elevation/Reference temperature**	80.3 M (263 FT)/Nil
4	**Geoid undulation at ARP**	-46 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Monywar airport MONYWAR SAGAING DIVISION MYANMAR Tel: 95 71 30449 AFTN: VYMYYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYMY AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HO
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	Nil
10	**Security**	H24
11	**De-icing**	Nil
12	**Remarks**	Nil

VYMY AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Numbers of Hotel in the city

2	**Restaurants**	Numbers of Restaurants in the city
3	**Transportation**	Nil
4	**Medical facilities**	Available in Monywar City
5	**Bank and Post Office**	Bank: Available in Monywar City Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYMY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 3
2	**Rescue equipment**	CAT 3
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYMY AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYMY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Asphalt Concrete Strength: 68,039 kg Area: 91 M x 91 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYMY AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs**	Nil
	TWY guide lines	
	Visual docking/parking guidance system of aircraft stands	
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, Centre Line, aiming point, Edge: All marked and Edge.
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYPN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
PATHEIN APPROACH CONTROL	PATHEIN APP: EN	119.700 MHz	HO	Nil
PATHEIN TOWER	PATHEIN TWR: EN	118.700 MHz	HO	Nil

VYPN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	PTN	415 kHz	HO	164847.16N 0944646.90E	Not applicable	Coverage: 50 NM Em: NON/A2A
VOR/DME	PTN	115.6 MHz CH 103X	H24	164831.28N 0944610.38E	37 FT	Coverage: 180 NM Em:

VYPN AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Pathein Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYPN AD 2.24 CHARTS RELATED TO AN AERODROME

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VYPT — PUTAO

Note: The following sections in this chapter are intentionally left blank:
AD 2.7, AD 2.14, AD 2.15, AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYPT AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYPT — PUTAO

VYPT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	271948.09N 0972534.16E Centre of runway centre line
2	**Direction and distance from city**	2.8 KM from town
3	**Elevation/Reference temperature**	464.7 M (1524 FT)/28.6°C
4	**Geoid undulation at ARP**	-39 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Putao airport PUTAO KACHIN STATE MYANMAR Tel: 098 400150 AFTN: VYPTYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYPT AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYPT AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts
2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYPT AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Available in airport compound
3	**Transportation**	Taxi and bus services available
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYPT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 3
2	**Rescue equipment**	CAT 3
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYPT AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength**	Surface: Bitumen Strength: 60,781 kg Area: 107 M x 107 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYPT AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
	TWY guide lines	
	Visual docking/parking guidance system	
2	**RWY and TWY markings and LGT**	RWY: Edge, THR and End light TWY: Edge lighted

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYPT AD 2.24 CHARTS RELATED TO AN AERODROME

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VYPU — PAKHOKKU

Note: The following sections in this chapter are intentionally left blank:
AD 2.15, AD 2.16, AD 2.21, AD 2.22, AD 2.23, AD 2.24.

VYPU AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYPU — PAKHOKKU

VYPU AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	212419.48N 0950640.60E Centre of runway centre line
2	**Direction and distance from city**	11 KM North of town
3	**Elevation/Reference temperature**	106.8 M (350 FT)/Nil
4	**Geoid undulation at ARP**	Nil
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Pakhokku airport MAGWAY DIVISION Tel: 959 6557086 AFTN: VYPUYDYX
7	**Types of traffic permitted (IFR/VFR)**	VFR
8	**Remarks**	Nil

VYPU AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HO
3	**Health and sanitation**	Health: Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	H24
11	**De-icing**	Nil
12	**Remarks**	Nil

VYPU AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYPU AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Numbers of Hotels available in city
2	**Restaurants**	Available at airport compound
3	**Transportation**	Taxi service available
4	**Medical facilities**	Available in city
5	**Bank and Post Office**	Bank: Available in city Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYPU AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 1
2	**Rescue equipment**	CAT 1
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYPU AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYPU AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Asphalt Concrete Strength: 68,039 kg Area: 91 M x 91 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYSW AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
SITTWE APPROCH	SITTWE APPROACH: EN	119.700 MHz	HO	Nil
SITTWE TOWER	SITTWE TOWER: EN	118.700 MHz	HO	Nil

VYSW AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR/DME	STW	CH 100X 115.3 MHz	HO	200758.48N 0925243.36E	11 M	Coverage: 70 NM Em: A9WNON

VYSW AD 2.20 LOCAL TRAFFIC REGULATION

1 AIRPORT REGULATIONS

Sittwe Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYSW AD 2.24 CHARTS RELATED TO AN AERODROME

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VYTD — THANDWE

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYTD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYTD — THANDWE

VYTD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	182738.35N 0941758.94E
2	**Direction and distance from city**	9.3 KM from town
3	**Elevation/Reference temperature**	14.2 M (47 FT)/Nil
4	**Geoid undulation at ARP**	-49 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Thandwe airport THANDWE RAKHINE STATE MYANMAR Tel: 95 43 42272 AFTN: VYTDYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYTD AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	Nil
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYTD AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage trolley

2	**Fuel/oil types**	Fuel: Nil Oil: Nil
3	**Fuelling facilities/capacity**	Nil
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Nil

VYTD AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Available in airport compound
2	**Restaurants**	Available in airport compound
3	**Transportation**	Taxi services
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYTD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 3
2	**Rescue equipment**	CAT 3
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYTD AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYTD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Bitumen Strength: 33,112 kg Area: 137 M x 98 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYTD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs** **TWY guide lines** **Visual docking/parking guidance system of aircraft stands**	Taxing guidance signs at all intersections with TWY and RWY and at all holding positions: Guide lines at apron.
2	**RWY and TWY markings and LGT**	RWY: edge, THR and End LGT
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYTD AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBSTACLE	Nil	Building	182813.22N 0941857.84E	87M	Nil	LGT	Nil
OBSTACLE	Nil	Building	182920.32N 0941915.21E	92M	Nil	LGT	Nil
GAW TAUNG	Nil	Building	183011.67N 0941554.90E	179M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYTD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYTD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
02	021.00°	2439 M x 30 M	33,112 KG Concrete and asphalt	182714.01N 0941749.55E	3.3M
20	201.00°			182828.43N 0941818.31E	14.2M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
80%, 5%	RWY 20 152 M x 30 M	Nil	2687 M x 150 M	Nil	Nil

VYTD AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
02	THR	2439 M	2439 M	2591 M	2439 M	Nil

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
20	THR	2439 M	2439 M	2439 M	2439 M	Nil

VYTD AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
02	Nil	Green	PAPI /Nil (12.2 M)	Nil	Nil	White (Length 2439 M, Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
20	Nil	Green	PAPI /Nil (15.2 M)	Nil	Nil	White (Length 2439 M, Spacing 60 M Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil

VYTD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: between Control Tower & Terminal, 2 Light Head Altn Flg WG/26 FLG/min (Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Apron Edge: All blue
4	**Secondary power supply/switch-over time**	3 MIN (Manual)
5	**Remarks**	Nil

VYTD AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
THANDWE ATZ Circle: radius 5 NM, centred at 182738.35N 0941758.94E ARP 2000 FT AMSL / GND C	THANDWE TOWER	THANDWE TOWER: EN HO	6000 FT	Nil

Name Lateral limits / Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
THANDWE CTR Circle: radius 20 NM, centred at 182738.35N 0941758.94E ARP FL 130 STD / GND C	THANDWE APPROACH CONTROL	THANDWE APPROACH: EN HO	6000 FT	Nil

VYTD AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
THANDWE APPROACH CONTROL	THANDWE APPROACH: EN	119.700 MHz	HO	Nil
THANDWE TOWER	THANDWE TOWER: EN	118.700 MHz	HO	Nil

VYTD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR/DME	TDE	113 MHz CH 77X	HO	182724.17N 0941744.75E	16 M	Coverage: 70 NM Em: A9W

VYTD AD 2.20 LOCAL TRAFFIC REGULATIONS

1 AIRPORT REGULATIONS

Thandwe Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYTD AD 2.24 CHARTS RELATED TO AN AERODROME

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VYTL — TACHILEIK

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21, AD 2.22, AD 2.23.

VYTL AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYTL — TACHILEIK

VYTL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	202905.32N 0995605.30E
2	**Direction and distance from city**	8 KM North-East of City
3	**Elevation/Reference temperature**	388.7 M (1275 FT)/Nil
4	**Geoid undulation at ARP**	-30 M
5	**MAG VAR/Annual change**	1° W (1956)/annual change negligible
6	**AD Administration, address, telephone, telefax, telex, AFS**	DEPARTMENT OF CIVIL AVIATION Post: Tachileik airport TACHILEIK SHAN STATE MYANMAR Tel: 95 84 51760 AFTN: VYTLYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

VYTL AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	HO
2	**Customs and immigration**	HS
3	**Health and sanitation**	Health: Nil Sanitation: Nil
4	**AIS Briefing Office**	Nil
5	**ATS Reporting Office (ARO)**	Nil
6	**MET Briefing Office**	Nil
7	**ATS**	HO
8	**Fuelling**	
9	**Handling**	HO
10	**Security**	Nil
11	**De-icing**	Nil
12	**Remarks**	Nil

VYTL AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Baggage Trolleys / Carts

←	2	**Fuel/oil types**	Fuel: JET(A1) Oil: Nil
←	3	**Fuelling facilities/capacity**	Nil 1600 gals
	4	**De-icing facilities**	Nil
	5	**Hangar space for visiting aircraft**	Nil
	6	**Repair facilities for visiting aircraft**	Nil
	7	**Remarks**	Nil

VYTL AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Nil
2	**Restaurants**	Available in airport compound
3	**Transportation**	Taxi and bus services available
4	**Medical facilities**	Nil
5	**Bank and Post Office**	Bank: Nil Post: Nil
6	**Tourist Office**	Nil
7	**Remarks**	Nil

VYTL AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 4
2	**Rescue equipment**	CAT 4
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

VYTL AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYTL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	**Apron surface and strength and area**	Surface: Concrete Strength: 33,112 kg Area: 198 M x 91 M
2	**Taxiway width, surface and strength**	Nil
3	**ACL location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

VYTL AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Aircraft stand ID signs**	Nil
	TWY guide lines	
	Visual docking/parking guidance system of aircraft stands	
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, Centre line, Edge RWY edge/end lgt, THR lgt
3	**Stop bars**	Nil
4	**Remarks**	Nil

VYTL AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
OBST 13	Nil	Building	203011.40N 0995815.42E	625M	Nil	LGT	Nil
OBST 05	Nil	Building	203414.35N 0995554.72E	949M	Nil	LGT	Nil
OBST 02	Nil	Building	203027.45N 1000214.64E	1100M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYTL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	to be notified

VYTL AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE &MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
04	038.00°	2149 M x 30 M	33,112 KG Concrete and asphalt	202837.83N 0995542.84E	388.7M
22	218.00°			202932.81N 0995627.76E	388.2M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
3%	61 M x 30 M	Nil	2301 M x 150 M	Nil	Nil
-8%	61 M x 30 M	Nil		Nil	Nil

VYTL AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
04	THR	2149 M	2149 M	2210 M	2149 M	Nil
22	THR	2149 M	2149 M	2210 M	2149 M	Nil

VYTL AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
04	Nil	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Length 2149 M, Spacing 60 M, Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil
22	SALS (Elevated) Nil 420 M LIM	Green	PAPI /Nil (13.4 M)	Nil	Nil	White (Length 2149 M, Spacing 60 M, Final 600 M of RWY end; Yellow) LIM	Red	Nil	Nil

VYTL AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN: Control Tower, 2 Light Head Altn Flg WG/26 FLG/min(Rotating)
2	**LDI location and LGTAnemometer location and LGT**	Nil
3	**TWY edge and centre line lighting**	Edge: All blue
4	**Secondary power supply/switch-over time**	3 MIN (Manual)
5	**Remarks**	Nil

VYTL AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
TACHILEIK ATZ Circle: radius 5 NM, centred at 202905.32N 0995605.30E ARP 4000 FT AMSL / GND C	TACHILEIK TOWER	TACHILEIK TOWER: EN HO	9000 FT	Nil

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Transition altitude	Remarks
1	2	3	4	5
TACHILEIK CTR Circle: radius 20 NM, centred at 202905.32N 0995605.30E ARP FL 130 STD / GND C	TACHILEIK APPROACH	TACHILEIK APPROACH: EN HO	9000 FT	Nil

VYTL AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel	Hours of operation	Remarks
1	2	3	4	5
TACHILEIK APPROACH	TACHILEIK APPROACH: EN	119.700 MHz	HO	Nil
TACHILEIK TOWER	TACHILEIK TOWER: EN	118.700 MHz	HO	Nil

VYTL AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (MAG VAR)	ID	Frequency	Hours of operation	Transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR/DME	TCL	114.5 MHz CH 92X	HO	202901.11N 0995607.75E	426 M	Coverage: 50 NM Em: A9W
NDB	TL	375 kHz	HO	202858.33N 0995603.98E	Not applicable	Coverage: 50 NM Em: NON/A2A

VYTL AD 2.20 LOCAL TRAFFIC REGULATION

1 AIRPORT REGULATIONS

Tachileik Airport complies MCAR Part 139, Section 2 Aerodrome Standards. This aerodrome standard include the following:

a. Physical Characteristic
b. Obstacle Restriction and Removal
c. Visual Aids for Navigation
d. Visual Aids for Denoting Obstacles
e. Visual Aids for Denoting Restricted Use Areas
f. Electrical System
g. Aerodrome Operational Services, Equipment and Installation
h. Aerodrome Maintenance

2 TAXIING TO AND FROM STANDS

Arriving aircraft will be allocated a stand number by the TWR.

VYTL AD 2.24 CHARTS RELATED TO AN AERODROME

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