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Department of Civil Aviation  
**Aeronautical Information Services**  
ATC Operations Building  
Yangon International Airport  
Mingaladon, Yangon 11021  
**M Y A N M A R**

**AIP**  
**AMENDMENT**  
**2/10**  
1 April 10

**1. Significant information and changes**

Changes in WGS-84 Coordinates:-

ATS Route	ENR 3.1-1 to ENR 3.1-9
ATS Routes and realigned FIR boundary	ENR 3.1-11/Chart
ATS Route (RNAV) Route	ENR 3.3-1 to ENR 3.3-3

**2. Insert the attached replacement pages which are marked with asterisks (\*) in the checklist of pages: GEN 0.4-1 to GEN 0.4-4.**

**3. New or revised information is indicated either by a horizontal arrow or vertical line.**

**4. Record entry of amendment on page GEN 0.2-1.**

**5. This amendment incorporates information contained in the following which are hereby superseded:**

**5.1 AIP Supplement**

2009                      30, 32

**5.2 NOTAM**

2010                      A0095/B0098/C0243

**GEN 0.3 RECORD OF CURRENT AIP SUPPLEMENTS**

<i>NR / Year</i>	<i>Subject</i>	<i>AIP section(s) affected</i>	<i>Period of validity (from / to)</i>	<i>Cancellation Record</i>
05/02	Chanmyathazi - Aerodrome Closed	AD	0009200001/UFN	
01/03	RVSM Policy and Procedures in Yangon FIR	ENR	0311270200/UFN	
01/04	Yangon/Mandalay - SARS	GEN	0307100710/UFN	
05/04	Implementation of RNP10 Airspace in YGN FIR	ENR	0409010001/UFN	
06/04	Implementation of Lateral Offset Procedure	ENR	0501200001/UFN	
10/04	Yangon FIR - AFTN Address	ENR	0310190001/PERM	
12/04	Yangon FIR - Mach Capability	ENR	0311271430/PERM	
14/04	Yangon FIR - No PDC Procedure	ENR	0410241900/UFN	
15/04	Yangon FIR - Level Change	ENR	0410200754/UFN	
16/04	Yangon FIR - Contingency Routes	ENR	0410090001/UFN	
17/04	Yangon Airport - Vacating Runway	AD	0205280637/PERM	
19/04	Yangon Airport - Departure Procedure	AD	0406180730/UFN	
20/04	Mandalay Airport - RVR	AD	0106010001/UFN	
21/04	Mandalay Airport - WDI	AD	0106010001/UFN	
22/04	Transition Procedure Between RVSM Level and China Metric level	ENR	0501201601/UFN	
02/05	Radar And RCAG Coverage within Yangon FIR	ENR	0508010001/PERM	
03/05	Airspace Structure within Yangon FIR	ENR	0509010001/PERM	
02/07	Implementation of ATFM Procedures	ENR	0607240001/UFN	
03/07	Revised Yangon TMA and Establishment of feeder routes Within Yangon TMA	AD	0801170001/UFN	
01/08	Yangon extended runway and revised IAC	AD	0807170001/UFN	
01/09	Aerodrome Night Landing Facility	AD	0501140001/UFN	
02/09	Yangon FIR - Over Flight Clearance	GEN	0512140630/PERM	
03/09	Yangon FIR - ADS/CPDLC	ENR	0607250001/PERM	
04/09	Yangon FIR - ADS/CPDLC	ENR	0810150001/PERM	
05/09	Aerodrome Fire Category	AD	0811250609/PERM	
06/09	Yangon Airport - ACFT TAXI	AD	0501121230/PERM	
07/09	Yangon Airport - ATC Procedure	ENR	0603250001/UFN	
08/09	Yangon Airport - Helicopter TAXI Procedure	AD	0608210800/PERM	
09/09	Yangon Airport - New Terminal Building	AD	0705250001/PERM	
10/09	Yangon Airport - SAFEDOCK	AD	0705250001/PERM	
11/09	Yangon Airport - Push back/Start/Taxi Procedure	AD	0705250001/PERM	
12/09	Yangon Airport - Remote Stands	AD	0705250001/PERM	
13/09	Yangon Airport - Rename Twy D	AD	0807100001/PERM	
15/09	Mandalay Airport - ATC Procedure	ENR	0603290902/PERM	
16/09	Mandalay Airport - Apron repair WIP	AD	0705022330/UFN	
17/09	Mandalay Airport - Up Date Information	AD	0903060742/UFN	
18/09	Mandalay Airport - Up Date Information	AD	0903060742/UFN	
19/09	Mandalay Airport - Up Date Information	AD	0903060742/UFN	
20/09	Mandalay Airport - Up Date Information	AD	0903060742/UFN	
21/09	Mandalay Airport - Up Date Information	AD	0903060742/UFN	
22/09	Mandalay Airport - Up Date Information	AD	0903060742/UFN	
23/09	Naypyitaw Airport - AIRSPACE	AD	0608290001/PERM	

<i>NR / Year</i>	<i>Subject</i>	<i>AIP section(s) affected</i>	<i>Period of validity (from / to)</i>	<i>Cancellation Record</i>
24/09	Sittwe Airport - RWY Lighting	AD	0610240430/UFN	
25/09	Sittwe Airport - THR Lighting	AD	0610240430/UFN	
26/09	Sittwe Airport - TWY Lighting	AD	0904010001/UFN	
27/09	Sittwe Airport - Apron Lighting	AD	0904010001/UFN	
28/09	Sittwe Airport - VASIS	AD	0610240430/UFN	
29/09	Sittwe Airport - AD Lighting	AD	0610240430/UFN	
31/09	Bypass procedure to alleviate bunching of flights on L579 over the Bay of Bengal during the ATFM period	ENR	0912071200/PERM	

**GEN 0.4 CHECKLIST OF AIP PAGES**

<i>Page</i>	<i>Date</i>	<i>Page</i>	<i>Date</i>	<i>Page</i>	<i>Date</i>
<b>PART 1 - GENERAL ( GEN )</b>					
<b>GEN 0</b>		<b>GEN 2</b>			
0.1-1	1 JAN 09	2.1-1 *	1 APR 10	3.4-3	1 JAN 09
0.1-2	1 JAN 09	2.1-2 *	1 APR 10	3.4-4	1 JAN 09
0.1-3	22 AUG 02	2.2-1	1 JUL 06	3.4-5	1 JAN 09
0.2-1	1 APR 03	2.2-2	1 JUL 06	3.4-6	1 JAN 09
0.3-1 *	1 APR 10	2.2-3	1 JUL 06	3.4-7	1 JAN 09
0.3-2 *	1 APR 10	2.2-4	1 JUL 06	3.5-1	1 APR 04
0.4-1 *	1 APR 10	2.2-5	1 JUL 06	3.5-2	1 APR 04
0.4-2 *	1 APR 10	2.2-6	1 JUL 06	3.5-3/Chart	1 APR 04
0.4-3	1 JUL 06	2.2-7	1 JUL 06	3.6-1	22 AUG 02
0.4-4	1 JUL 06	2.2-8	1 JUL 06	3.6-2	22 AUG 02
0.5-1 *	1 APR 10	2.3-1	22 AUG 02	3.6-3	22 AUG 02
0.6-1	1 JAN 09	2.3-2	22 AUG 02	<b>GEN 4</b>	
0.6-2	1 JAN 09	2.4-1	1 JUL 06	4.1-1	22 AUG 02
<b>GEN 1</b>		2.5-1	30 JUL 09	4.1-2	22 AUG 02
1.1-1	1 JAN 09	2.5-2	30 JUL 09	4.2-1	1 JUL 04
1.2-1	1 JAN 09	2.6-1	22 AUG 02		
1.2-2	1 JAN 09	2.6-2	22 AUG 02		
1.2-3	1 JAN 09	2.7-1 *	1 APR 10		
1.3-1	22 AUG 02	2.7-2 *	1 APR 10		
1.3-2	22 AUG 02	<b>GEN 3</b>			
1.4-1	30 JUL 09	3.1-1	1 JAN 09		
1.4-2	30 JUL 09	3.1-2	1 JAN 09		
1.4-3	30 JUL 09	3.1-3	22 AUG 02		
1.5-1	22 AUG 02	3.1-4	22 AUG 02		
1.6-1	22 AUG 02	3.1-5 *	1 APR 10		
1.6-2	22 AUG 02	3.2-1	22 AUG 02		
1.6-3	22 AUG 02	3.2-2	22 AUG 02		
1.6-4	22 AUG 02	3.3-1	1 JAN 09		
1.7-1	1 JAN 05	3.3-2	1 JAN 09		
1.7-2	1 JAN 05	3.3-3	30 JUL 09		
1.7-3	1 JAN 05	3.3-4	30 JUL 09		
1.7-4	1 JAN 05	3.4-1	1 JAN 09		
1.7-5	1 JUL 06	3.4-2	1 JAN 09		

GEN 0.4 CHECKLIST OF AIP PAGES

Page	Date	Page	Date	Page	Date
<b>PART 2 - ENROUTE ( ENR )</b>					
<b>ENR 0</b>		1.7-3	1 JAN 09	3.3-2 *	1 APR 10
0.6-1	22 AUG 02	1.7-4	1 JAN 09	3.3-3 *	1 APR 10
0.6-2	22 AUG 02	1.7-5	1 JAN 09	3.4-1	22 AUG 02
<b>ENR 1</b>		1.8-1	22 AUG 02	3.5-1	22 AUG 02
1.1-1	1 JAN 09	1.9-1	22 AUG 02	3.6-1	22 AUG 02
1.1-2	1 JAN 09	1.9-2	22 AUG 02	<b>ENR 4</b>	
1.1-3	22 AUG 02	1.10-1	22 AUG 02	4.1-1 *	1 APR 10
1.1-4	22 AUG 02	1.10-2	22 AUG 02	4.1-2 *	1 APR 10
1.1-5	22 AUG 02	1.10-3	22 AUG 02	4.1-3/Chart	30 JUL 09
1.1-6	22 AUG 02	1.11-1	22 AUG 02	4.2-1	22 AUG 02
1.1-7	22 AUG 02	1.12-1	22 AUG 02	4.3-1 *	1 APR 10
1.1-8	22 AUG 02	1.12-2	22 AUG 02	4.4-1	22 AUG 02
1.1-9	01 APR 04	1.12-3	22 AUG 02	<b>ENR 5</b>	
1.1-10	01 APR 04	1.13-1	22 AUG 02	5.1-1	22 AUG 02
1.1-11	22 AUG 02	1.14-1	22 AUG 02	5.1-2	22 AUG 02
1.1-12	22 AUG 02	<b>ENR 2</b>		5.1-3	30 JUL 09
1.1-13/Chart	01 JUL 06	2.1-1	30 JUL 09	5.1-4	30 JUL 09
1.2-1	22 AUG 02	2.1-2	30 JUL 09	5.1-5	30 JUL 09
1.2-2	22 AUG 02	2.1-3	30 JUL 09	5.1-6	30 JUL 09
1.3-1	22 AUG 02	2.1-4	30 JUL 09	5.1-7	30 JUL 09
1.4-1	30 JUL 09	2.1-5	30 JUL 09	5.1-8	30 JUL 09
1.4-2	30 JUL 09	2.1-6	30 JUL 09	5.1-9/Chart	01 JUL 06
1.5-1	22 AUG 02	2.1-7	30 JUL 09	5.1-11/Chart	01 JUL 06
1.5-2	22 AUG 02	2.1-8	30 JUL 09	5.1-13/Chart	30 JUL 09
1.5-3	22 AUG 02	2.2-1	22 AUG 02	5.1-15/Chart	30 JUL 09
1.5-4	22 AUG 02	<b>ENR 3</b>		5.2-1	30 JUL 09
1.5-5	22 AUG 02	3.1-1 *	1 APR 10	5.2-2	30 JUL 09
1.5-6	22 AUG 02	3.1-2 *	1 APR 10	5.2-3	30 JUL 09
1.5-7	22 AUG 02	3.1-3 *	1 APR 10	5.2-4	30 JUL 09
1.5-8	22 AUG 02	3.1-4 *	1 APR 10	5.2-5	30 JUL 09
1.5-9	22 AUG 02	3.1-5 *	1 APR 10	5.2-6	30 JUL 09
1.5-10	22 AUG 02	3.1-6 *	1 APR 10	5.3-1	01 JUL 06
1.6-1	22 AUG 02	3.1-7 *	1 APR 10	5.4-1	22 AUG 02
1.6-2	22 AUG 02	3.1-8 *	1 APR 10	5.5-1	22 AUG 02
1.6-3	22 AUG 02	3.1-9 *	1 APR 10	5.6-1	22 AUG 02
1.6-4	22 AUG 02	3.1-11/Chart *	1 APR 10	<b>ENR 6</b>	
1.6-5	22 AUG 02	3.1-13/Chart	1 JAN 09	6-1	22 AUG 02
1.7-1	1 JAN 09	3.2-1	22 AUG 02		
1.7-2	1 JAN 09	3.3-1 *	1 APR 10		

GEN 0.5 LIST OF HAND AMENDMENTS TO THE AIP

<i>AIP page(s) affected</i>	<i>Amendment text</i>	<i>Introduced by AIP Amendment NR</i>
GEN 3.1-3	Amend NOTAM digit serial number three to read as four	2/03
ENR 1.9-1	Amend ATS route R325 to read as RNAV routes	
VYKP AD 2-1	Amend Kyauk Exg to read as Kyaukpyu Exg	
VYKT AD 2-3	Delete "Instrument Approach Chart-ICAO NDB RWY 20"	
VYMD AD 2-1	Amend price of fuel US\$12.0 to read as US\$1.12	
VYMD AD 2-4	Amend MIA NDB 515 kHz to read as 259 kHz	
VYPA AD 2-1	Amend ARP coordinates to read as 164843.57N0944625.90E	
VYYY AD 2-11	Insert "Area Chart-ICAO" to para. AD 2.24	2/04
VYTO AD 2-3	Insert "Instrument Approach Chart-ICAO RWY 18 NDB" to para. AD 2.24	
		Insert "Instrument Approach Chart-ICAO RWY 36 NDB" to para. AD 2.24
GEN 3.2-1	Amend ATC Tower Building to read as ATC Operations Building	3/04
GEN 3.1-4	Delete "as a reminder in the PIB"	
VYME AD 2-3	Amend coordinates of Myeik NDB to read as 122715.6N0983707.9E	
VYME AD 2-2	Amend True/Magnetic Bearing of RWY18/36 to read as 183/184 and 003/004	
	Amend RWY dimension to read as 2744 x 61	
ENR 1.6-2	Amend pilot - command to read as pilot-in-command	3/06
VYYY AD 2-1	Amend ARP coordinates to read as 165426.15N0960759.66E	
VYYY AD 2-5		
VYYY AD 2-6		
VYYY AD 2-4		
	Insert RWY 21 Threshold coordinates as 165525.46N0960840.04E	
GEN 3.5-2	Amend coordinates of Pathein VOR/DME to read as 164848.78N0944620.00E	2/10
ENR 1.1-12	Amend VFR Route 1,2,3 Kolkuta to read as Kolkata	
ENR 2.1-4	Amend HPA-AN ARP Coordinate to read as 165338.29N0974030.13E	
ENR 2.1-5	Amend coordinates of Kengtung ARP to read as 211805.94N0993808.75E	
ENR 5.1-4	Amend VYR 20 Myeik Para 3 sector "1" to read as sector "3"	
ENR 5.1-3	Amend VYR 11 Hmawby ARP Coordinate 170700N0960400E	
ENR 5.2-2		
ENR 5.1-6	Amend VYR 28B Hinthada arcs 30NM to read as 50NM	

**GEN 2. TABLES AND CODES****GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS****1. UNITS OF MEASUREMENT**

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

<i>For measurement of</i>	<i>Units used</i>
Distance used in navigation, position reporting, etc., generally in excess of 2 to 3 nautical miles	NAUTICAL MILES AND TENTHS
Relatively short distances such as those relating to aerodromes (e.g. runway lengths)	METRES OR FEET
Altitudes, elevations and heights	METRES OR FEET
Horizontal speed including wind speed	KNOTS
Vertical speed	FEET PER MINUTE OR METRES PER SECOND
Wind direction for landing and take-off	DEGREES MAGNETIC
Wind direction except for landing and take-off	DEGREES TRUE
Visibility, including runway visual range	KILOMETRES OR METRES
Altimeter setting	HECTO PASCAL
Temperature	DEGREES CELSIUS
Mass	METRIC TONS OR KILOGRAMMES
Time	HOURS AND MINUTES, THE DAY OF 24 HOURS BEGINNING AT MIDNIGHT UTC

**2. TIME SYSTEM**

Coordinated Universal Time (UTC) is used by air navigation services and in publications issued by the Aeronautical Information Services. Reporting of time is expressed to the nearest full minute, e.g., 12 hr. 40 min. 40 sec. is reported as 1241. Local time is **6 ½ hours ahead of UTC** in Myanmar. Time checks to aircraft are accurate to within 30 seconds.

**3. GEODETIC REFERENCE DATUM****3.1 Name / designation of datum**

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

**3.2 Area of application**

The area of application for the published geographical coordinates coincides with the area of responsibility of the Aeronautical Information Services, i.e. the entire territory of Myanmar as well as the airspace over the high seas encompassed by the Yangon Flight Information Region in accordance with the regional air navigation agreement.

4. AIRCRAFT NATIONALITY AND REGISTRATION MARKS

The nationality mark for aircraft registered in the Union of Myanmar are the letters XY. The nationality mark is followed by a hyphen and a registration mark consisting of 3 letters e.g XY-ADW.

5. PUBLIC HOLIDAYS

<b>Name</b>	<b>Date</b>			<b>Day</b>
Independence Day	4	January	2010	Monday
Union Day	12	February	2010	Friday
Full Moon Day of Tabaung	27	February	2010	Saturday
Peasant's Day	2	March	2010	Tuesday
Armed Forces Day	27	March	2010	Saturday
New Year Holiday	12	April	2010	Monday
Water Festival	13-16	April	2010	Tuesday - Friday
Myanmar New Year Day	17	April	2010	Saturday
New Year Holidays	18-21	April	2010	Sunday - Wednesday
Full Moon Day of Kason	27	April	2010	Tuesday
May Day	1	May	2010	Saturday
Martyrs' Day	19	July	2010	Monday
Beginning of Buddhist Lent	26	July	2010	Monday
End of Buddhist Lent	23	October	2010	Saturday
Lighting Festival	21	November	2010	Sunday
National Day	1	December	2010	Wednesday
Christmas Day	25	December	2010	Saturday
Depawali	*			
Idul Athwaha	*			

\* The date will be notified later in due course.

### 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.
- 1.1 The times in the table are given in Local Mean Time for sunrise (SR) and sunset (SS) for the year 2010.

Sunrise / Sunset Table for the Year 2010

Month	Jan		Feb		Mar		Apr		May		Jun	
Day	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0609	1807	0612	1825	0559	1836	0536	1842	0515	1849	0506	1859
2	0610	1808	0611	1826	0558	1836	0535	1842	0515	1849	0506	1900
3	0610	1808	0611	1826	0557	1837	0534	1843	0514	1849	0506	1900
4	0610	1809	0611	1827	0557	1837	0533	1843	0514	1850	0506	1900
5	0611	1809	0611	1827	0556	1837	0532	1843	0513	1850	0506	1901
6	0611	1810	0610	1828	0555	1837	0532	1843	0513	1850	0506	1901
7	0611	1811	0610	1828	0555	1838	0531	1843	0512	1851	0506	1901
8	0612	1811	0610	1828	0554	1838	0530	1844	0512	1851	0506	1902
9	0612	1812	0609	1829	0553	1838	0529	1844	0511	1851	0506	1902
10	0612	1812	0609	1829	0552	1838	0529	1844	0511	1852	0506	1902
11	0612	1813	0608	1830	0552	1838	0528	1844	0511	1852	0506	1903
12	0612	1814	0608	1830	0551	1839	0527	1844	0510	1852	0506	1903
13	0613	1814	0608	1831	0550	1839	0527	1845	0510	1853	0507	1903
14	0613	1815	0607	1831	0549	1839	0526	1845	0510	1853	0507	1903
15	0613	1816	0607	1831	0549	1839	0525	1845	0509	1853	0507	1904
16	0613	1816	0606	1832	0548	1839	0524	1845	0509	1854	0507	1904
17	0613	1817	0606	1832	0547	1839	0524	1845	0509	1854	0507	1904
18	0613	1817	0605	1833	0546	1840	0523	1846	0508	1854	0507	1904
19	0613	1818	0605	1833	0546	1840	0522	1846	0508	1855	0507	1905
20	0613	1819	0604	1833	0545	1840	0522	1846	0508	1855	0508	1905
21	0613	1819	0604	1834	0544	1840	0521	1846	0508	1855	0508	1905
22	0613	1820	0603	1834	0543	1840	0520	1847	0507	1856	0508	1905
23	0613	1820	0602	1834	0543	1841	0520	1847	0507	1856	0508	1906
24	0613	1821	0602	1835	0542	1841	0519	1847	0507	1856	0509	1906
25	0613	1821	0601	1835	0541	1841	0519	1847	0507	1857	0509	1906
26	0613	1822	0601	1835	0540	1841	0518	1848	0507	1857	0509	1906
27	0613	1823	0600	1835	0539	1841	0517	1848	0507	1857	0509	1906
28	0613	1823	0559	1836	0539	1841	0517	1848	0506	1858	0510	1906
29	0612	1824			0538	1842	0516	1848	0506	1858	0510	1907
30	0612	1824			0537	1842	0516	1849	0506	1859	0510	1907
31	0612	1825			0536	1842			0506	1859		

Month	Jul		Aug		Sep		Oct		Nov		Dec	
Day	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0510	1907	0520	1902	0527	1843	0530	1819	0538	1759	0553	1754
2	0511	1907	0521	1902	0527	1842	0531	1818	0539	1758	0554	1754
3	0511	1907	0521	1901	0527	1841	0531	1817	0539	1758	0554	1754
4	0511	1907	0521	1901	0527	1841	0531	1816	0539	1757	0555	1755
5	0512	1907	0521	1900	0527	1840	0531	1815	0540	1757	0556	1755
6	0512	1907	0522	1900	0527	1839	0531	1815	0540	1757	0556	1755
7	0512	1907	0522	1859	0528	1838	0531	1814	0541	1756	0557	1755
8	0513	1907	0522	1859	0528	1837	0532	1813	0541	1756	0557	1756
9	0513	1907	0522	1858	0528	1837	0532	1812	0541	1756	0558	1756
10	0513	1907	0523	1858	0528	1836	0532	1812	0542	1755	0559	1756
11	0514	1907	0523	1857	0528	1835	0532	1811	0542	1755	0559	1757
12	0514	1907	0523	1857	0528	1834	0532	1810	0543	1755	0600	1757
13	0514	1907	0523	1856	0528	1833	0533	1810	0543	1755	0600	1757
14	0515	1907	0524	1855	0528	1832	0533	1809	0544	1754	0601	1758
15	0515	1907	0524	1855	0528	1832	0533	1808	0544	1754	0601	1758
16	0515	1906	0524	1854	0528	1831	0533	1807	0545	1754	0602	1759
17	0516	1906	0524	1854	0529	1830	0533	1807	0545	1754	0602	1759
18	0516	1906	0524	1853	0529	1829	0534	1806	0546	1754	0603	1759
19	0516	1906	0525	1852	0529	1828	0534	1806	0546	1754	0604	1800
20	0517	1906	0525	1852	0529	1828	0534	1805	0547	1754	0604	1800
21	0517	1905	0525	1851	0529	1827	0535	1804	0547	1754	0605	1801
22	0517	1905	0525	1850	0529	1826	0535	1804	0548	1754	0605	1801
23	0518	1905	0525	1850	0529	1825	0535	1803	0549	1754	0606	1802
24	0518	1905	0526	1849	0529	1824	0535	1803	0549	1754	0606	1802
25	0518	1904	0526	1848	0530	1823	0536	1802	0550	1754	0606	1803
26	0518	1904	0526	1847	0530	1823	0536	1801	0550	1754	0607	1803
27	0519	1904	0526	1847	0530	1822	0536	1801	0551	1754	0607	1804
28	0519	1903	0526	1846	0530	1821	0537	1800	0551	1754	0608	1805
29	0519	1903	0526	1845	0530	1820	0537	1800	0552	1754	0608	1805
30	0520	1903	0526	1844	0530	1819	0537	1759	0553	1754	0609	1806
31	0520	1902	0527	1844			0538	1759			0609	1806

**Schedule of AIRAC Effective dates**

<i>Year 2010</i>	<i>Year 2011</i>	<i>Year 2012</i>	<i>Year 2013</i>	<i>Year 2014</i>
14 JAN	13 JAN	12 JAN	10 JAN	9 JAN
11 FEB	10 FEB	9 FEB	7 FEB	6 FEB
11 MAR	10 MAR	8 MAR	7 MAR	6 MAR
8 APR	7 APR	5 APR	4 APR	3 APR
6 MAY	5 MAY	3 MAY	2 MAY	1 MAY
3 JUN	2 JUN	31 MAY	30 MAY	29 MAY
1 JUL	30 JUN	28 JUN	27 JUN	26 JUN
29 JUL	28 JUL	26 JUL	25 JUL	24 JUL
26 AUG	25 AUG	23 AUG	22 AUG	21 AUG
23 SEP	22 SEP	20 SEP	19 SEP	18 SEP
21 OCT	20 OCT	18 OCT	17 OCT	16 OCT
18 NOV	17 NOV	15 NOV	14 NOV	13 NOV
16 DEC	15 DEC	13 DEC	12 DEC	11 DEC

**5. PRE- FLIGHT INFORMATION SERVICE AT AERODROME**

5.1 A pre-flight information service unit is available at each of the following listed aerodromes with the coverage indicated.











<i>Aerodrome</i>	<i>Briefing Coverage</i>
Yangon International Airport	All States within ICAO Asia and Pacific Region
Mandalay International Airport	States adjacent to Myanmar FIR on prior notice only

5.2 Post-flight information forms, for annotation by air crew of information concerning the state and operation of air navigation facilities etc., are available at the AIS units at the aerodromes mentioned above.

**ENR 3. ATS ROUTES**  
**ENR 3.1 ATS ROUTES**

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>A201</b>						
▲ LSO VOR/DME 225850.32N0974515.06E  ▲ ANSOS 232702.7N0932748.0E (VYYY/ZPPP FIR BDRY)	$\frac{276^\circ}{096^\circ}$  242 NM	FL450 FL245 FL270 Class A - abv FL150	20	↓	↑	Yangon ACC (Sector I) 126.75 MHz
<b>A581</b>						
▲ BGO VOR/DME 171906.58N0963111.55E  ▲ BOMAS 172304.8N0980549.1E (VYYY/VTBB FIR BDRY)	$\frac{086^\circ}{266^\circ}$  91NM	FL460 FL100 FL110 Class A - abv FL150	20	↓	↑	Yangon ACC (Sector I) 126.75 MHz
<b>A599</b>						
▲ CHILA 222333.0N0924636.4E (VYYY/VGFR FIR BDRY)  ▲ ABEAM MDY NDB 224751.1N0955817.0E  ▲ LSO VOR/DME 225850.32N0974515.06E  ▲ LINSO 232223.0N0985500.0E (VYYY/ZPPP FIR BDRY)	$\frac{082^\circ}{262^\circ}$ 179 NM  $\frac{082^\circ}{262^\circ}$ 99 NM  $\frac{068^\circ}{248^\circ}$ 69 NM	FL460 FL245   FL270 Class A - abv FL150	20   32	↓	↑	Yangon ACC (Sector I) 126.75 MHz

ENR 3. ATS ROUTES  
ENR 3.1 ATS ROUTES

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>B463</b>						
<ul style="list-style-type: none"> <li>▲ LSO VOR/DME 225850.32N0974515.06E</li> <li>▲ MDY VOR/DME 215603.4N0960747.1E</li> <li>△ ASUMO 205703.6N0960947.1E</li> <li>▲ IKUGI 183404.3N0962347.2E</li> <li>▲ BGO VOR/DME 171906.58N0963111.55E</li> </ul>	<p><math>\frac{234^\circ}{054^\circ}</math> 110 NM</p>	<p>FL450 FL115 FL120</p>	10	 	 	<p>Class A - abv FL150</p>
<p>Yangon ACC (Sector I) 126.75 MHz</p>						
<b>B465</b>						
<ul style="list-style-type: none"> <li>▲ APAGO 221209.0N0924012.5E (VYYF/VGFR FIR BDRY)</li> <li>▲ MDY VOR/DME 215603.4N0960747.1E</li> <li>▲ AKSAG 204904.0N1002745.4E (VYYF/VLVT FIR BDRY)</li> </ul>	<p><math>\frac{093^\circ}{273^\circ}</math> 190 NM</p>	<p>FL460 FL215</p>	20			<p>Yangon ACC (Sector I) 126.75 MHz</p>
<p><math>\frac{103^\circ}{283^\circ}</math> 252 NM</p> <p>FL270 Class A - abv FL150</p>						
<b>G331</b>						
<ul style="list-style-type: none"> <li>▲ PADET 100000.0N0981730.0E (VYYF/VTBB FIR BDRY)</li> <li>▲ DWI VOR/DME 140601.47N0981227.98E</li> </ul>	<p><math>\frac{178^\circ}{358^\circ}</math> 246 NM</p>	<p>FL400 FL100</p> <p>4000 ft Class A - abv FL150</p>	10			<p>Yangon ACC (Sector II) 128.75 MHz</p>
<b>G463</b>						
<ul style="list-style-type: none"> <li>▲ AVLED 214003.2N0922048.7E</li> <li>▲ NIVOG 182704.3N0952647.6E</li> <li>▲ BGO VOR/DME 171906.58N0963111.55E</li> <li>▲ PUMEK 155505.0N0973246.9E</li> <li>▲ BETNO 150553.3N0981158.7E (VYYF/VTBB FIR BDRY)</li> </ul>	<p><math>\frac{137^\circ}{317^\circ}</math> 351 NM</p>	<p>FL460 FL100</p>	20			<p>Yangon ACC (Sector I) 126.75 MHz</p>
<p><math>\frac{143^\circ}{323^\circ}</math> 164 NM</p> <p>FL110 Class A - abv FL150</p>	<p>Yangon ACC (Sector II) 128.75 MHz</p>					

ENR 3. ATS ROUTES  
ENR 3.1 ATS ROUTES

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>G472</b>						
<p>▲ SAGOD 175546.2N0915949.1E (VYYY/VECF FIR BDRY)</p> <p>▢ PTN VOR/DME 164848.78N0944620.00E</p> <p>▲ BGO VOR/DME 171906.58N0963111.55E</p>	<p><math>\frac{113^\circ}{293^\circ}</math> 173 NM</p> <hr/> <p><math>\frac{072^\circ}{252^\circ}</math> 105 NM</p>	<p>FL460 FL170</p> <p>FL110 Class A - abv FL150</p>	20	↓	↑	Yangon ACC (Sector II) 128.75 MHz
<b>G473</b>						
<p>▲ BGO VOR/DME 171906.58N0963111.55E</p> <p>▢ LATAD 170004.8N0975246.7E</p> <p>▢ MAKAS 165004.9N0982946.5E (VYYY/VTBB FIR BDRY)</p>	<p><math>\frac{103^\circ}{283^\circ}</math> 118 NM</p>	<p>FL460 FL100</p> <p>FL110 Class A - abv FL150</p>	10	↓	↑	Yangon ACC (Sector I) 126.75 MHz
<b>R207</b>						
<p>▲ MDY VOR/DME 215603.4N0960747.1E</p> <p>▲ SISUK 194804.1N0980146.4E (VYYY/VTBB FIR BDRY)</p>	<p><math>\frac{139^\circ}{319^\circ}</math> 167 NM</p>	<p>FL460 FL215</p> <p>FL230 Class A - abv FL150</p>	20	↓	↑	Yangon ACC (Sector I) 126.75 MHz

ENR 3. ATS ROUTES  
ENR 3.1 ATS ROUTES

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>V1</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	005° 185°  203 NM	FL230 FL110	10	↓	↑	Yangon ACC (128.75/8960) Heho Tower (118.1MHz)
▲ HEHO NDB (HHO) 204434.01N0964744.62E		8100 ft Class B - blw FL150				
<b>V2</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	010° 190°  346 NM	FL230 FL120	10	↓	↑	Yangon ACC (128.75/8960) Lashio Tower (118.7MHz)
▲ LSO VOR/DME 225850.32N0974515.06E		10300 ft Class B - blw FL150				
<b>V3</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	014° 194°  147NM	FL230 FL110 8400 ft Class B - blw FL150	10	↓	↑	Yangon ACC (128.75/8960) Loikaw Tower (118.7MHz) Kengtung Tower (118.7MHz)
▲ LOIKAW NDB (LK) 194125.64N0971247.79E						
▲ KENGTUNG NDB (KG) 211809.84N0993750.01E	053° 233°  167 NM					
<b>V4</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	049° 229°  70 NM	FL230 FL110	10	↓	↑	Yangon ACC (128.75/8960) Hpa-pun Tower (118.7MHz)
▲ HPA-PUN NDB (PP) 180404.5N0972646.8E		7900 ft Class B - blw FL150				
<b>V5</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	110° 290°  71 NM	FL230 FL090	10	↓	↑	Yangon ACC (128.75/8960) Hpa-an Tower (118.7MHz)
▲ HPA-AN NDB (PA) 165331.62N0974030.48E		4000 ft Class B - blw FL150				

ENR 3. ATS ROUTES  
ENR 3.1 ATS ROUTES

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>V6</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	128° 308° 82 NM	FL280 FL090 10300 ft Class B - blw FL150	10	↓	↑	Yangon ACC (128.75MHz/8960kHz) Mawlamyine Tower (118.7MHz) Dawei Tower (118.7MHz) Myeik Tower (118.7MHz) Bokpyinn Tower (118.7MHz) Kawthoung Tower (118.7MHz)
▲ MAWLAMYINE NDB (MM) 162635.95N0973927.83E	167° 347° 143 NM					
▲ DWI VOR/DME 140601.47N0981227.98E	159° 339° 102 NM					
▲ MYEIK NDB (ME) 122700.24N0983710.87E	177° 357° 82 NM					
▲ BOKPYINN ARP 110857.56N0984410.37E	189° 009° 67 NM					
▲ KAWTHOUNG NDB (KT) 100300.03N0983224.25E						
<b>V7</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	153° 333° 213 NM	FL230 FL110 5900 ft Class B - blw FL150	10	↓	↑	Yangon ACC (128.75MHz/8960kHz) Dawei Tower (118.7MHz)
▲ DWI VOR/DME 140601.47N0981227.98E						
<b>V8</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	155° 335° 315 NM	FL260 FL110 3000 ft Class B - blw FL150	10	↓	↑	Yangon ACC (128.75MHz/8960 kHz) Myeik Tower (118.7MHz)
▲ MYEIK NDB (ME) 122700.24N0983710.87E						
<b>V9</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	164° 344° 451 NM	FL280 FL110 10300 ft Class B - blw FL150	10	↓	↑	Yangon ACC (128.75MHz/8960kHz) Kawthoung Tower (118.7MHz)
▲ KAWTHOUNG NDB (KT) 100300.03N0983224.25E						
<b>V10</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	051° 231° 125 NM	FL230 FL090 6900 ft Class B - blw FL150	10	↓	↑	Mandalay APP (119.2MHz/6659kHz) Lashio Tower (118.7MHz)
▲ LSO VOR/DME 225850.32N0974515.06E						
<b>V11</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	018° 198° 233 NM	FL260 FL120 12000 ft Class B - blw FL150	10	↓	↑	Mandalay APP (119.2MHz/6659kHz) Myitkyina Tower (118.7MHz) Putao Tower (118.7MHz)
▲ MYITKYINA NDB (MK) 252301.15N0972125.54E	360° 180°					
▲ PUTAO NDB (PT) 271933.78N0972526.96E	117 NM					

**ENR 3. ATS ROUTES**  
**ENR 3.1 ATS ROUTES**

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>V12</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>139°</u> 319° 79 NM	FL260 FL110 9200 ft Class B - blw FL150	10	↓	↑	Mandalay APP (119.2MHz/6659kHz) Heho Tower (118.1MHz) Kengtung Tower (118.7MHz)
▲ HEHO NDB (HHO) 204434.01N0964744.62E	<u>075°</u> 255° 159 NM					
▲ KENGTUNG NDB (KG) 211809.84N0993750.01E						
<b>V13</b>						
▲ HEHO NDB ( HHO ) 204434.01N0964744.62E	<u>093°</u> 273° 134 NM	FL260 FL110 9500 ft Class B - blw FL150	10	↓	↑	Heho Tower (118.1MHz) Mong-hsat Tower (118.7MHz) Tachileik Tower (118.7MHz)
▲ MONG-HSAT NDB (MS) 203101.37N0991525.61E	<u>092°</u> 272° 40 NM					
▲ TACHILEIK NDB (TL) 202858.33N0995603.98E						
<b>V14</b>						
▲ HEHO NDB ( HHO ) 204434.01N0964744.62E	<u>162°</u> 342° 63 NM	FL260 FL110 9500 ft Class B - blw FL150	10	↓	↑	Heho Tower (118.1MHz) Loikaw Tower (118.7MHz)
▲ LOIKAW NDB (LK) 194125.64N0971247.79E						
<b>V15</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>095°</u> 275° 207 NM	FL260 FL110 9500 ft Class B - blw FL150	10	↓	↑	Mandalay APP (119.2MHz/6659kHz) Kengtung Tower (118.7MHz) Tachileik Tower (118.7MHz)
▲ KENGTUNG NDB (KG) 211809.84N0993750.01E	<u>158°</u> 338° 54 NM					
▲ TACHILEIK NDB (TL) 202858.33N0995603.98E						
<b>V16</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>095°</u> 275° 207 NM	FL260 FL110 9500 ft Class B - blw FL150	10	↓	↑	Mandalay APP (119.2MHz/6659kHz) Kengtung Tower (118.7MHz) Mong-hsat Tower (118.7MHz)
▲ KENGTUNG NDB (KG) 211809.84N0993750.01E	<u>202°</u> 022° 52 NM					
▲ MONG-HSAT NDB (MS) 203101.37N0991525.61E						
<b>V17</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>023°</u> 203° 170 NM	FL260 FL110 9200 ft Class B - blw FL150	10	↓	↑	Mandalay APP (119.2MHz/6659kHz) Banmaw Tower (118.7MHz) Myitkyina Tower (118.7MHz)
▲ BANMAW NDB ( BM ) 241609.58N0971454.59E	<u>003°</u> 183° 66 NM					
▲ MYITKYINA NDB (MK) 252301.15N0972125.54E						

ENR 3. ATS ROUTES  
ENR 3.1 ATS ROUTES

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
		Lower Limits  Minimum Ft Alt Airspace Classification		Odd	Even	
1	2	3	4	5		6
<b>W1</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	<u>352°</u> 172°	FL280 FL110 8300 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Mandalay APP (119.2 MHz)
▲ MIA VOR/DME 214239.4N0955829.1E	265 NM					
<b>W2</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	<u>310°</u> 130°	FL260 FL110 2500 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Sittwe Tower (118.7MHz)
▲ SITTWE NDB (SW) 200802.45N0925258.98E	267 NM					
<b>W3</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	<u>297°</u> 117°	FL230 FL090 5500 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Thandwe Tower (118.7MHz) Kyaukpyu Tower (118.7MHz) Ann Tower (118.7MHz) Sittwe Tower (118.7MHz)
▲ THANDWE NDB (TD) 182718.07N0941803.76E	144 NM					
▲ KYAUKPYU NDB (KP) 192545.10N0933211.90E	<u>323°</u> 143° 73 NM					
▲ ANN NDB (AN) 194612.03N0940145.77E	<u>051°</u> 231° 25 NM					
▲ SITTWE NDB (SW) 200802.45N0925258.98E	<u>302°</u> 122° 61 NM					
<b>W4</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	<u>306°</u> 126°	FL230 FL090 3500 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Kyaukpyu Tower (118.7MHz)
▲ KYAUKPYU NDB (KP) 192545.10N0933211.90E	212 NM					
<b>W5</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	<u>338°</u> 158°	FL260 FL110 4700 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Bagan Tower (118.7MHz) Mandalay App (119.2MHz)
▲ BAGAN NDB ( BGN ) 211035.50N0945543.30E	249 NM					
▲ MIA VOR/DME 214239.4N0955829.1E	<u>062°</u> 242° 66 NM					
<b>W6</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	<u>338°</u> 158°	FL260 FL110 6400 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Kalay Tower (118.7MHz)
▲ KALAY NDB ( KL ) 231119.19N0940342.00E	377 NM					

**ENR 3. ATS ROUTES**  
**ENR 3.1 ATS ROUTES**

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>W7</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	350° 170°  219 NM	FL230 FL110 4100 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Meiktilla Tower (118.7MHz)
▲ MEIKTILA NDB ( MKT ) 205603.6N0955447.2E						
<b>W8</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	332° 152°  191 NM	FL230 FL110 4700 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Magway Tower (118.7MHz)
▲ MAGWAY NDB ( MW ) 200940.26N0945829.04E						
<b>W9</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	292° 072°  105 NM	FL260 FL100 1500 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960kHz) Pathein Tower (118.7MHz)
▲ PTN VOR/DME 164848.78N0944620.00E						
<b>W10</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	309° 129°  138 NM	FL260 FL110 5400 ft Class B - blw FL150	10	↑	↓	Mandalay APP (119.2MHz/6659kHz) Kalay Tower (118.7MHz)
▲ KALAY NDB (KL) 231119.19N0940342.00E						
<b>W11</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	355° 175°  257 NM	FL230 FL110 7600 ft Class B - blw FL150	10	↑	↓	Mandalay APP (119.2MHz/6659kHz) Kanti Tower (118.7MHz)
▲ KANTI NDB (KI) 255925.82N0954042.23E						
<b>W12</b>						
▲ MAGWAY NDB ( MW ) 200940.26N0945829.04E	245° 065°  69 NM	FL230 FL110 6500 ft Class B - blw FL150	10	↑	↓	MagwayTower (118.7MHz) Ann Tower (118.7MHz)
▲ ANN NDB (AN) 194612.03N0940145.77E						
<b>W13</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	352° 172° 140 NM  353° 173° 125 NM	FL260 FL110 8300 ft Class B - blw FL150	10	↑	↓	Yangon ACC (128.75MHz/8960 kHz) Naypyitaw Tower (118.7MHz) Mandalay APP (119.2MHz/6659kHz)
▲ NAYPYITAW NDB (NT) 193757.20N0961204.04E						
▲ MIA VOR/DME 214239.4N0955829.1E						

**ENR 3. ATS ROUTES**  
**ENR 3.1 ATS ROUTES**

Route Designator Name of Significant Points Coordinates	Track MAG (GEO) VOR RDL DIST (COP)	Upper Limits Lower Limits  Minimum Flt Alt Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>W14</b>						
▲ BAGAN NDB ( BGN ) 211035.50N0945543.30E	<u>192°</u> 012°	FL240 FL110 6500 ft Class B - blw FL150	10	↑	↓	Bagan Tower (118.1MHz) Thandwe Tower (118.7MHz)
▲ THANDWE NDB ( TD ) 182718.07N0941803.76E	168 NM					
<b>W15</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>205°</u> 025°	FL240 FL110 6000 ft Class B - blw FL150	10	↑	↓	Mandalay APP (119.2MHz/6659kHz) Thandwe Tower (118.7MHz)
▲ THANDWE NDB ( TD ) 182718.07N0941803.76E	217 NM					
<b>W16</b>						
▲ HEHO NDB ( HHO ) 204434.01N0964744.62E	<u>227°</u> 047°	FL240 FL110 7500 ft Class B - blw FL150	10	↑	↓	Heho Tower (118.1MHz) Thandwe Tower (118.7MHz)
▲ THANDWE NDB ( TD ) 182718.07N0941803.76E	199 NM					
<b>W17</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>301°</u> 121°	FL260 FL110 5400 ft Class B - blw FL150	10	↑	↓	Mandalay APP (119.2MHz/6659kHz) Monywar Tower (118.7MHz) Hommalinn Tower (118.7MHz)
▲ MONYWAR ARP 221327.77N0950536.41E	58 NM					
▲ HOMMALINN NDB (HL) 245342.09N0945447.53E	<u>356°</u> 176° 160 NM					
<b>W18</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>301°</u> 121°	FL260 FL110 5400 ft Class B - blw FL150	10	↑	↓	Mandalay APP (119.2MHz/6659kHz) Monywar Tower (118.7MHz) Kalay Tower (118.7MHz)
▲ MONYWAR ARP 221327.77N0950536.41E	58 NM					
▲ KALAY NDB (KL) 231119.19N0940342.00E	<u>315°</u> 135° 81 NM					
<b>W19</b>						
▲ MIA VOR/DME 214239.4N0955829.1E	<u>242°</u> 062°	FL260 FL110 7500 ft Class B - blw FL150	10	↑	↓	Mandalay APP (119.2MHz/6659kHz) Sittwe Tower (118.7MHz)
▲ SITTWE NDB (SW) 200802.45N0925258.98E	191 NM					





ENR 3. ATS ROUTES  
ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

Route Designator (RNP type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Great Circle DIST NM	Upper Limits Lower Limits  Airspace Classification	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>L301 (RNP10)</b>						
▲ TANEK 140305.5N0985816.5E	BKK 274 <sup>0</sup> 96NM	51	FL460 FL260  <b>A</b>	↓	↑	Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector II) 128.75MHz
▲ DWI VOR/DME 140601.47N0981227.98E		328				
▲ SADUS 152541.0N0923752E	DWI 283 <sup>0</sup> 328NM	38				
▲ RINDA 153500N0920000E (VYYF/VECF FIR BDRY)	DWI 283 <sup>0</sup> 366NM					
<b>L507 (RNP10)</b>						
▲ LIMLA 154605.1N0983546.5E (VYYF/VTBB FIR BDRY)	BKK 314 <sup>0</sup> 161NM	57	FL460 FL280  <b>A</b>	↓	↑	Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector I) 126.75MHz
▲ ARATO 162204.9N0974746.8E	BGO 126 <sup>0</sup> 93NM	94				
▲ BGO VOR/DME 171906.58N0963111.55E		98				
▲ OTADA 181804.3N0950847.8E	BGO 306 <sup>0</sup> 98NM	219				
▲ TEBOV 202503.5N0915949.0E (VYYF/VECF FIR BDRY)						
<b>L515 (RNP10)</b>						
▲ IKULA 100000.0N09721.2E (VYYF/VTBB FIR BDRY)	PUT 333 <sup>0</sup> 128NM	127	FL460 FL280  <b>A</b>	↑	↓	Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector II) 128.75MHz
▲ OBMOG 115407.0N0962331E	PUT 333 <sup>0</sup> 127NM					
<b>L759 (RNP10)</b>						
▲ TAVUN 100000.0N0963312.0E (VYYF/VTBB FIR BDRY)	PUT 317 <sup>0</sup> 154NM	167	FL460 FL280  <b>A</b>	↓	↑	Long.Sep: 10 min or 80 NM  Yangon ACC (Sector II) 128.75MHz
▲ MIPAK 115000.0N0942500E (VYYF/VOMF FIR BDRY)	PUT 314 <sup>0</sup> 321NM	175				
▲ NISUN 135605.2N0921949.2E (VYYF/VOMF FIR BDRY)		27				
▲ LIBDI 141505.1N0915949.3E (VYYF/VECF FIR BDRY)						

ENR 3. ATS ROUTES  
ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

Route Designator (RNP type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Great Circle DIST NM	Upper Limits Lower Limits  Airspace Classification	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M502 (RNP10)</b>						
▲ LALIT 125224.0N0952836.0E	DWI 244 <sup>0</sup> 171NM	164	FL460 FL260  <b>A</b>	↓	↑	Activation Time 1700-2300 (Monday-Friday) and H24 (Saturday-Sunday)  Yangon ACC (Sector II) 128.75MHz
▲ RENOX 1132600.39N0981302.49E	DWI 179 <sup>0</sup> 39NM					
▲ DALER 132939.30N0983127.96E	DWI 153 39NM					
▲ AKATO 133715.53N0991019.19E (VYYF/VTBB FIR BDRY)	DWI 114 <sup>0</sup> 69NM					
<b>M626 (RNP10)</b>						
▲ BGO VOR/DME 171906.58N0963111.55E	DWI 335 <sup>0</sup> 88NM	126	FL460 FL280  <b>A</b>	↓	↑	Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector II) 128.75MHz
▲ POXEM 152635.1N0972947.0E		88				
▲ DWI VOR/DME 140601.47N0981227.98E		170				
▲ EKAVO 113736.1N0993022.4E (VYYF/VTBB FIR BDRY)						
<b>M707 (RNP10)</b>						
▲ PADET 100000.0N0981730.0E (VYYF/VTBB FIR BDRY)	RAN 301 <sup>0</sup> 27NM	156	FL460 FL280  <b>A</b>	↓	↑	Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector II) 128.75MHz
▲ OBMOG 115407N0962331E	DWI 244 <sup>0</sup> 171NM	79				
▲ LALAT 125049.0N0952508E		225				
▲ SADUS 152541.0N0923752E		51				
▲ MEPEL 160200.0N0920000E (VYYF/VECF FIR BDRY)						
<b>N895 (RNP10)</b>						
▲ BETNO 150553.3N0981158.7E (VYYF/VTBB FIR BDRY)	BKK 296 <sup>0</sup> 159NM	223	FL460 FL280  <b>A</b>	↓	↑	Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector II) 128.75MHz
▣ PTN VOR/DME 164848.78N0944620.00E		172				
▲ SAGOD 175546.2N0915949.1E (VYYF/VECF FIR BDRY)						

ENR 3. ATS ROUTES  
ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

Route Designator (RNP type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Great Circle DIST NM	Upper Limits Lower Limits  Airspace Classification	Direction of Cruising Levels		Remarks Controlling Unit Frequency
				Odd	Even	
1	2	3	4	5		6
<b>P646 (RNP10)</b>						
▲ BETNO 150553.3N0981158.7E (VYYF/VTBB FIR BDRY) ▲ PTN VOR/DME 164848.78N0944620.00E ▲ IBITA 191703.8N0915949.0E (VYYF/VECF FIR BDRY)	BKK 296 <sup>0</sup> 159NM		FL460 FL260  <b>A</b>			Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector II) 128.75MHz
		223				
		217				
<b>P762 (RNP10)</b>						
▲ DWI VOR/DME 140601.47N0981227.98E ▲ LALIT 125224.0N0952836E ▲ LULDA 122705.7N0942448.4E (VYYF/VOMF FIR BDRY)	DWI 244 <sup>0</sup> 171NM  PPB 066 <sup>0</sup> 108NM		FL460 FL280  <b>A</b>			Long.Sep: 10 min. or 80 NM  Yangon ACC (Sector II) 128.75MHz
		171				
		68				

ENR 4. RADIO NAVIGATION AIDS/SYSTEMS  
ENR 4.1 RADIO NAVIGATION AIDS - ENROUTE

Name of station (VOR/VAR)	ID	Frequency (CH)	Hours of operation	Coordinates	ELEV DME antenna	Remarks
1	2	3	4	5	6	7
Ann NDB	AN	385 kHz	HO	194612.03N 0940145.77E		Coverage 80 NM
Anisakan NDB	AS	345 kHz	HO	215710.94N 0962409.39E		Coverage 50 NM
Bagan NDB	BGN	335 kHz	HO	211035.50N 0945543.30E		Coverage 50 NM
Banmaw NDB	BM	320 kHz	HO	241609.58N 0971454.59E		Coverage 50 NM
Dawei NDB	DWI	310 kHz	HO	140558.61N 0981201.67E		Coverage 60 NM
Dawei VOR/DME	DWI	112.0 MHz ( CH 57X )		140601.47N 0981227.98E	70 ft	Coverage 180 NM
Heho NDB	HHO	360 kHz	HJ	204434.01N 0964744.62E		Coverage 100 NM
Hommalinn NDB	HL	255 kHz	HO	245342.09N 0945447.53E		Coverage 50 NM
Hpa-an NDB	PA	365 kHz	1 HR BFR ETA	165331.62N 0974030.48E		Coverage 50 NM
Kalay NDB	KL	225 kHz	1 HR BFR ETA	231119.19N 0940342.00E		Coverage 40 NM
Kanti NDB	KI	230 kHz	1 HR BFR ETA	255925.82N 0954042.23E		Coverage 40 NM
Kawthoung NDB	KT	290 kHz	1 HR BFR ETA	100300.03N 0983224.25E		Coverage 100 NM
Kengtung NDB	KG	400 kHz	1 HR BFR ETA	211809.84N 0993750.01E		Coverage 50 NM
Kyaukpyu NDB	KP	250 kHz	1 HR BFR ETA	192545.10N 0933211.90E		Coverage 50 NM
Lashio NDB	LSO	370 kHz	1 HR BFR ETA	225839.46N 0974519.43E		Coverage 50 NM
Lashio VOR/DME	LSO	116.8 MHz ( CH 115X )	0001/1200	225850.32N 0974515.06E	2522 ft	Coverage 180 NM
Loikaw NDB	LK	295 kHz	1 HR BFR ETA	194125.64N 0971247.79E		Coverage 50 NM
Magway NDB	MW	305 kHz	1 HR BFR ETA	200940.26N 0945829.04E		Coverage 50 NM
Mandalay VOR/DME	MDY	112.8 MHz ( CH 75X )	H24	215603.4N 0960747.1E	252 ft	Coverage 100 NM
Mandalay International NDB	MIA	259 kHz	HO	214121.4N 0955859.1E		Coverage 50 NM
Mandalay International VOR/DME	MIA	116.3 MHz ( CH 110X )	HO	214239.4N 0955829.1E	300 ft	Coverage 100 NM

ENR 4.1 RADIO NAVIGATION AIDS - ENROUTE

Name of station (VOR/VAR)	ID	Frequency (CH)	Hours of operation	Coordinates	ELEV DME antenna	Remarks
1	2	3	4	5	6	7
Mawlamyine NDB	MM	330 kHz	1 HR BFR ETA	162635.95N 0973927.83E		Coverage 50 NM
Meiktila NDB	MKT	350 kHz	HS	205603.9N 0955447.2E		Coverage 75 NM
Mong-hsat NDB	MS	312 kHz	1 HR BFR ETA	203101.37N 0991525.61E		Coverage 40 NM
Myeik NDB	ME	300 kHz	H24	122700.24N 0983710.87E		Coverage 130 NM
Myitkyina/Pamti NDB	MK	275 kHz	1 HR BFR ETA	252301.15N 0972125.54E		Coverage 125 NM
Myitkyina/Nampong NDB	MKA	410 kHz	0001/1200	252102.5N 0971646.2E		Coverage 50 NM
Namsang NDB	NS	240 kHz	0030/1200	205309.8N 097435805E		Coverage 80NM
Naypyitaw NDB	NT	390 kHz	HO	193757.20N 0961204.04E		Coverage 80 NM
Naypyitaw DVOR/DME	NPT	113.7 MHz	HO	193735.6N 0961144.1E		Coverage 180 NM
Pathein NDB	PTN	415 kHz	0001/1200	164847.16N 0944646.90E		Coverage 50 NM
Pathein VOR/DME	PTN	115.6 MHz ( CH 103X )	H24	164848.78N 0944620.00E	37 ft	Coverage 180 NM
Putao NDB	PT	340 kHz	0001/1200	271933.78N 0972526.96E		Coverage 100 NM
Sittwe NDB	SW	216 kHz	0001/1200 on request	200802.45N 0925258.98E		Coverage 100 NM
Tachileik NDB	TL	375 kHz	1 HR BFR ETA	202858.33N 0995603.98E		Coverage 50 NM
Taungoo VOR/DME	TGU	115.1 MHz ( CH 98X )	HO	190321.58N 0962404.62E	183 ft	Coverage 180 NM
Taungoo NDB	TGO	315 kHz	HO	190028.56N 0962404.28E		Coverage 50 NM
Thandwe NDB	TD	270 kHz	1 HR BFR ETA	182718.07N 0941803.76E		Coverage 100 NM
Yangon NDB	MDS	397 kHz	H24	165205.76N 0960621.54E		Coverage 50 NM
Yangon NDB	YGN	265 kHz		170442.54N 0961418.18E		Coverage 125 NM
Yangon VOR/DME	HGU	112.3 MHz ( CH 70X )		170449.87N 0961502.49E	45 ft	Coverage 180 NM
Yangon VOR/DME	BGO	112.6 MHz ( CH 73X )		171906.58N 0963111.55E	38 ft	Coverage 180 NM

ENR 4.3 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

Name-code designator	Coordinates	ATS route or other route	Name-code designator	Coordinates	ATS route or other route
1	2	3	1	2	3
AKATO	133715.53N 0991019.19E	M502	LSO	225850.32N 0974515.06E	A201/A599/ B463
AKSAG	204904.0N 1002745.4E	B465	LULDA	122705.7N 0942448.4E	P762
ANSOS	232702.7N 0932748.0E	A201	MAKAS	165004.9N 0982946.5E	G473
APAGO	221209.0N 0924012.5E	B465	MDY	215603.4N 0960747.1E	B463/B465
ARATO	162204.9N 0974746.8E	L507	MEPEL	160200.0N 0920000E	M770
ASUMO	205703.6N 0960947.1E	B463	MIPAK	115000.0N 0942500E	L759
AVLED	214003.2N 0922048.7E	G463	NISUN	135605.2N 0921949.2E	L759
BETNO	150553.3N 0981158.7E	N895/P646/G463	NIVOG	182704.3N 0952647.6E	G463
BGO	171906.58N 0963111.55E	L507/A581/B463/ G463/G472/G473	OBMOG	115407.0N 0962331E	M770
BOMAS	172304.8N 0980549.1E	A581	OTADA	181804.3N 0950847.8E	L507
CHILA	222333.0N 0924636.4E	A599	PADET	100000.0N 0981730.0E	G331
DALER	132939.30N 0983127.96E	M502	POXEM	152635.1N 0972947.0E	B463
DWI	140601.47N 0981227.98E	L301/P762/ G331/M502	PTN	164848.78N 0974620.00E	N895/P646/ G472
EKAVO	113736.1N 0993022.4E	M626	PUMEK	155505.0N 0973246.9E	M626
IBITA	191703.8N 0915949.0E	P646	RENOX	132600.39N 0981302.49E	M502
IKUGI	183404.3N 0962347.2E	B463	RINDA	153500.0N 0920000.0E	L301
IKULA	100000.0N 0972100.2E	L515	SADUS	152541.0N 0923752E	L301/M770
LALAT	125049.0N 0952508.0E	P762/M770	SAGOD	175546.2N 0915949.1E	N895
LALIT	125224.0N 0952836E	P762/M502	SISUK	194804.1N 0980146.4E	R207
LATAD	170004.8N 0975246.7E	G473	TANEK	140305.5N 0985816.5E	L301
LIBDI	141505.1N 0915949.3E	L759	TAVUN	100000.0N 0963312.0E	L759
LIMLA	154605.1N 0983546.5E	L507	TEBOV	202503.5N 0915949.0E	L507
LINSO	232223.0N 0985500.0E	A599			