



MYANMAR FIR

OPEN SKIES – ENROUTE DETAILS

WARNING

Information inside of this document is intended for
flight simulation purposes only.

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Document control

Document Identification

Document Identification	
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Revision Records

Revision Number	Date	Description of Change	Author
1.0	28/6/2021	Initial Document	BB

1 Purposes of this document

The purposes of this document are:

- a) To provide a general overview of standard practices of controlling enroute within the Myanmar FIR.

1.1 Scope

1.1.1 This policy applies to all members and visitors of the Myanmar FIR.

2 Airport Details

2.1 Standard Position List

Position List	*Indicates Primary		Airspace Level	Lateral Airspace
Login ID	Callsign	Frequency	Controlled FL's	Check section 6
VYYF_CTR	Yangon Control	126.750*	GND-FL560	
VYYF_2_CTR	Yangon Control	128.750	GND-FL560	
VYYF_3_CTR	Yangon Control	127.750	FL170-FL260 GND-FL260 ^A	
VYYF_4_CTR	Yangon Control	124.750	GND-FL560	

^A Lower level is reduced to GND when the approach sector is not online.

Enroute Priority Table	1 st Preference	2 nd Preference	3 rd Preference
When VYYF_1_CTR is online	VYYF_2_CTR	VYYF_4_CTR	VYYF_3_CTR
When VYYF_2_CTR is online	VYYF_4_CTR	VYYF_3_CTR	
When VYYF_4_CTR is online	VYYF_2_CTR	VYYF_3_CTR	

2.2 Airport important info

2.2.1 Aerodrome Transition Altitude & Level Chart

Aerodrome	Transition Altitude		Transition Level	
	Feet	Meter	Flight level	Meter
Ann (VYAN)	7 000	2133	085	2590
Anisakan (VYAS)	9 000	2743	105	3200
Bagan/Nyaung U (VYBG)	8 000	2438	095	2895
Banmaw (VYBM)	10 000	3048	115	3505

Aerodrome	Transition Altitude		Transition Level	
	Feet	Meter	Flight level	Meter
Bokpyinn (VYBP)	7 000	2133	085	2590
Dawei (VYDW)	6 000	1828	075	2286
Heho (VYHH)	11 000	3353	125	3810
Hommalin (VYHL)	13 000	3965	145	4420
Hpa-an (VYPA)	9 000	2743	105	3200
Kalay (VYKL)	12 000	3658	135	4115
Kanti (VYKI)	13 000	3965	145	4420
Kawthoung (VYKT)	4 000	1220	055	1676
Kengtung (VYKG)	11 000	3353	125	3810
Kyaukpyu (VYKP)	5 000	1524	065	1981
Kyauktu (VYKU)	NILL	NILL	NILL	NILL
Lashio (VYLS)	10 000	3048	115	3505
Loikaw (VYLK)	10 000	3048	115	3505
Magwe (VYMW)	7 000	2133	085	2590
Mandalay International (VYMD)	6 000	1828	075	2286

Aerodrome	Transition Altitude		Transition Level	
	Feet	Meter	Flight level	Meter
Mawlamyine (VYMM)	5 000	1524	065	1981
Mong-hsat (VYMS)	11 000	1524	125	3810
Monywar (VYMY)	7 000	2133	085	2590
Myeik (VYME)	5 000	1524	065	1981
Myitkyina (VYMK)	12 000	3658	135	4115
Nampong (VYNP)	12 000	3658	135	4115
Naypyitaw International (VYNT)	9 000	2743	105	3200
Pathein (VYPN)	4 000	1220	055	1676
Pakhokku (VYPU)	7 000	2133	085	2590
Putao (VYPT)	17 000	5182	185	5639
Sittwe (VYSW)	4 000	1220	055	1676
Surbung (VYFS)	13000	3962	145	4400
Tachileik (VYTL)	9 000	2743	105	3200
Thandwe (VYTD)	6 000	1828	075	2286
Yangon International (VYYY)	6 000	1828	075	2286

2.3 Procedures, Phraseology & Special Rules

Arrival and Departure Radar Phraseology

- 2.3.1 **Departure Clearance:** <Call sign> Cleared To <Destination> via <AIRWAY TO/OR EXIT FIX>, <FINAL ALT> <SID/RADAR VECTOR> Departure <SQUAWK>
- 2.3.2 **Climb/Descent:** <Call sign> Climb/Descend <Alt>
- 2.3.3 **Arrival Clearance:** <Call sign> Cleared to <Destination> via <STAR/RADAR VECTOR> ARRIVAL, <TRANSITION> <RWY>, report for descent / maintain / descend, Transition Level <Trans Level>.
- 2.3.4 **VFR Clearance:** <Call sign> Cleared to <Destination> via <VFR Route> Squawk <Squawk Code> report for taxi with POB and Fuel

Hand Off Phraseology

- 2.3.5 **Hand off:** <Call sign> Contact <Controller>
- 2.3.6 **VYYY AIRPORT SPECIAL RULE:** Due to the proximity of VYP5 usually the preferred runway operations is **RWY 03 is used for Departure & RWY 21 is used for arrival.** If the traffic level is significant revert to either 21 for arrivals and departures of 03 for arrivals and departures

Arrival and Departure Non Radar Phraseology

- 2.3.7 **Departure Clearance:** <Call sign> Cleared To <Destination> via <AIRWAY TO/OR EXIT FIX>, <FINAL ALT> <SID/OUTBOUND RADIAL> Departure <SQUAWK>
- 2.3.8 **Climb/Descent:** <Call sign> Climb/Descend <Alt> report approaching <Alt>.
- 2.3.9 **Arrival Clearance:** <Call sign> Cleared to <Destination> via <STAR/INBOUND RADIAL> ARRIVAL, <TRANSITION> <RWY>, report for descent / maintain / descend, Transition Level <Trans Level>.
- 2.3.10 **VFR Clearance:** <Call sign> Cleared to <Destination> via <VFR Route> Squawk <Squawk Code> report for taxi with POB and Fuel

Hand Off Phraseology

2.3.11 **Hand off:** <Call sign> at <either DME or Waypoint> Contact <Controller>

2.2.3 Coordination is essential for procedural towers below a radar TMA. This is especially important around the area of **Naypyitaw and Mandalay** as multiple non radar stations are located below. Hand off coordination should go as followed.

Non-Radar Station: <Call sign> Departed <Airport> time <Take off time> <SID/Outbound Radial>

Radar Station: <Call sign> Unrestricted climb <Altitude>

Non-Radar Station: <Call sign> Unrestricted climb <Altitude>

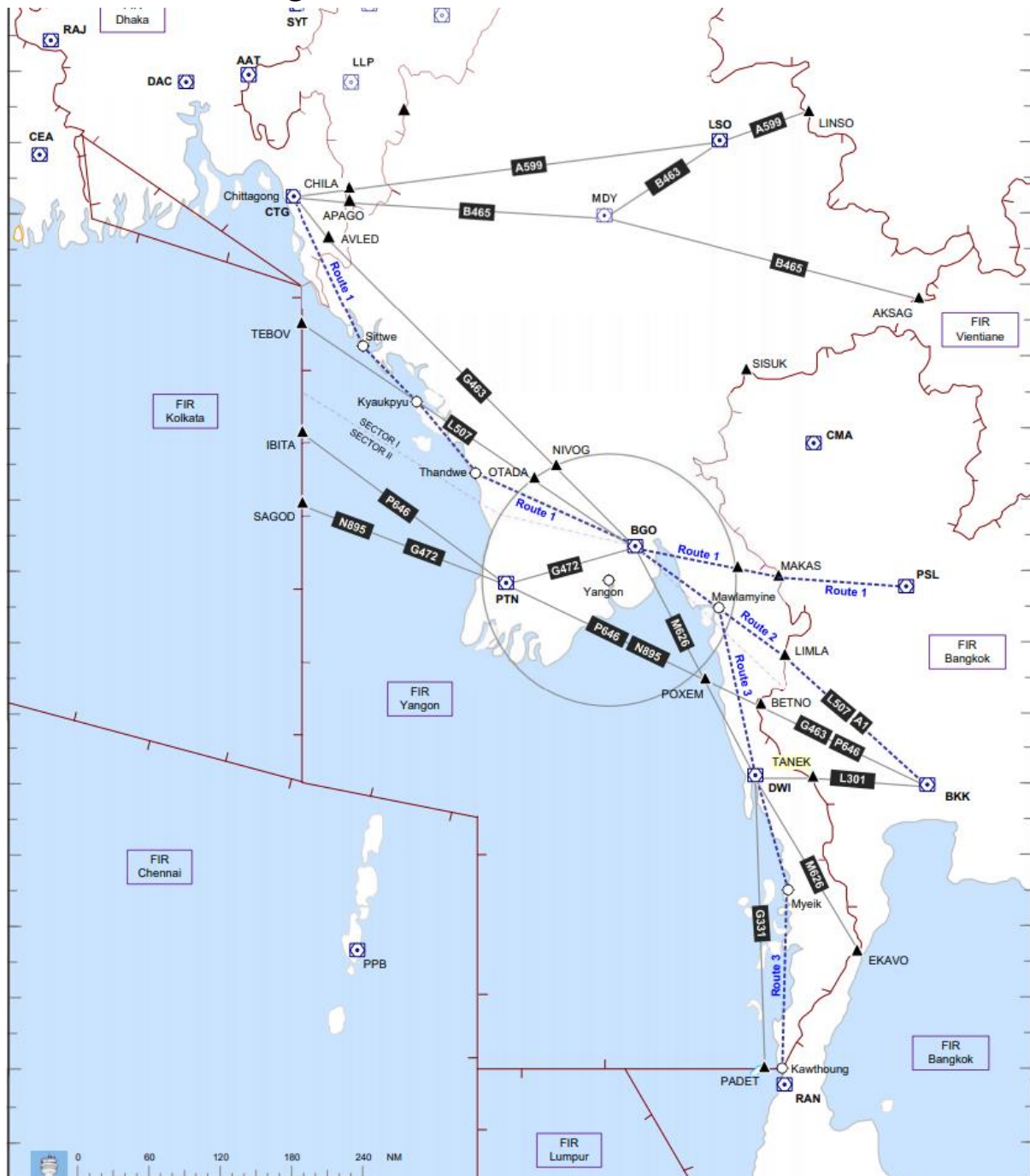
Separation

2.3.12 **Standard Separation:** Separation standards in the Yangon FIR is different to other FIR's in the respect that it is 10 minute (80nm) between aircraft and 50nm separation between RNP10 approved aircraft.

2.4 Transfer FIX

Waypoints	From Sector	To Sector	Transfer Point
TANEK, IKULA, NURDA, TAVUN, PUMOR, AKATO, EKAVO, PADET,	VYYF_4_CTR	VTBB	
RINDA, BORBU, LIBDI, MEPEL	VYYF_4_CTR	VECF	
LIMLA, BETNO, BOMAS, MAKAS	VYYF_2_CTR	VTBB	
TEBOV, SAGOD, IBITA	VYYF_2_CTR	VECF	
NISUN, LULDA	VYYF_4_CTR	VOMF	
ANSOS	VYYF_1_CTR	VECF	
CHILA, APAGO, AVLED	VYYF_1_CTR	VGFR	
LINSO	VYYF_1_CTR	ZPPP	
AKSAG	VYYF_1_CTR	VLVT	
SISUK	VYYF_1_CTR	VTBB	
KEVAM	VYYF_4_CTR	VYYF_2/3_CTR	
MOXIS, DORLI	VYYF_2/3_CTR	VYYF_1_CTR	
PTN, SAMSU	VYYF_3/2_CTR	VYYF_3/2_CTR	Transfer to or from Sector 3 if approaching boundary of arriving aircraft is going lower than FL260 as per section 4.

3 VFR Routing



4 Sector Splits

