





Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST (COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>A334</b>  HAT YAI DVOR/DME (HTY) ▲ 065603N 1002316E  PASVA ▲ 061529N 1020431E	  112° 292° 108.0 NM	  FL 460 9 500 FT Class A 10 000 FT	  20	  ↓   ↑	  10 min longitudinal separation between RNAV equipped aircraft apply Mach Number Technique.  15 min longitudinal separation between other aircraft.  For continuation, see AIP Malay- sia.
For flight planning procedure, see ENR 1.10.					

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<b>A457</b> <u>HAT YAI DVOR/DME (HTY)</u> ▲ 065603N 1002316E  <u>TAMOS</u> ▲ 063208N 1002407E	 178° 358° 24.0 NM	 FL 460 9 500 FT Class A 10 000 FT	 20	 ↓  ↑	Longitudinal separation between aircraft 15 min.
For flight planning procedure, see ENR 1.10.					



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<b>A581</b>						For continuation, see AIP Republic of the Union of Myanmar.
▲ <u>BOMAS</u> 172305N 0980549E	082° 262° 39.0 NM	FL 460 10 500 FT Class A FL 110	10	↓		Longitudinal separation between aircraft 10 min.
▲ <u>TATEL</u> 172905N 0984549E	009° 189° 39.0 NM					
▲ <u>GOGOP</u> 180813N 0985150E	009° 189° 38.0 NM					
▲ <u>CHIANG MAI DVOR/DME (CMA)</u> 184558N 0985740E	037° 217° 25.0 NM	FL 350 7 500 FT Class A 8 000 FT				
▲ <u>ADLUS</u> 190610N 0991320E	037° 217° 33.0 NM					
▲ <u>NUMDO</u> 193243N 0993402E	037° 218° 30.0 NM					
▲ <u>CHIANG RAI DVOR/DME (CTR)</u> 195654N 0995300E	053° 233° 36.0 NM	FL 460 6 500 FT Class A 7 000 FT				
▲ <u>PONUUK</u> 201858N 1002306E					↑	
For flight planning procedure, see ENR 1.10.						

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<b>B202</b>  UBON DVOR/DME (UBL) ▲ 151443N 1045157E  PAKSE VOR/DME (PAK) ▲ 151148N 1054417E	  093° 273° 51.0 NM	  FL 460 FL 260 Class A FL 270	  (*)	  ↓   ↑	  Longitudinal separation between aircraft 15 min. (*) For width of airways, see ENR 2.1-1.  For continuation, see AIP Lao Peo- ple's Democratic Republic.
For flight planning procedure, see ENR 1.10.					

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<b>B204</b>  GOMES ▲ 132406N 1013506E  AGEDO ▲ 132419N 1022139E	  090° 270° 45.0 NM	  FL 460 FL 135 Class A FL 140	  (*)	  ↓	Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					



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<b>B205</b> <u>RAYONG DVOR/DME (RYN)</u> ▲ 124648N 1014042E  <u>OLDIR</u> ▲ 125401N 1021325E  <u>BOKAK</u> ▲ 125736N 1022947E	  078° 258°  33.0 NM  078° 258°  16.0 NM	  FL 460 FL 155  Class A  FL 160	  (*)	  ↓    ↑	Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					



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<b>B346</b> <u>BANGKOK DVOR/DME (BKK)</u> ▲ 135337N 1003546E  <u>NOBER</u> ▲ 151636N 1004006E  <u>PHETCHABUN DVOR/DME (PCB)</u> ▲ 164034N 1011148E  <u>YAKUA</u> ▲ 174415N 1013052E	 003° 183° 83.0 NM  020° 200° 89.0 NM  016° 196° 66.0 NM	 FL 460 10 000 FT Class A 11 000 FT/FL 110	 20	 ↓       ↑	Longitudinal separation between aircraft 15 min.
For flight planning procedure, see ENR 1.10.					

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<b>B460</b>  KHORAT DVOR/DME (KRT) ▲ 145502N 1020823E  BODUR ▲ 154853N 1032127E  ROI-ET DVOR/DME (ROT) ▲ 160701N 1034619E  RURAR ▲ 161943N 1041436E  SAVANNAKHET DVOR/DME (SAV) ▲ 163342N 1044556E	  053° 234° 89.0 NM  054° 234° 30.0 NM  066° 246° 30.0 NM  066° 246° 33.0 NM	  FL 460 6 500 FT Class A 7 000 FT	  20	  ↓         ↑	  Longitudinal separation between aircraft 10 min.         For continuation, see AIP Lao People's Democratic Republic.
For flight planning procedure, see ENR 1.10.					

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<b>B579</b>  <u>PHUKET DVOR/DME (PUT)</u> ▲ 080655N 0981823E  <u>REBED</u> ▲ 074332N 0983736E  <u>NUTGU</u> ▲ 072803N 0985020E  <u>DALAN</u> ▲ 062808N 0993920E	  141° ----- 321° 30.0 NM  141° ----- 321° 20.0 NM  141° ----- 321° 77.0 NM	  FL 460 ----- 6 500 FT Class A 7 000 FT  FL 460 ----- 6 500 FT Class A 7 000 FT  FL 460 ----- 9 500 FT Class A 10 000 FT	  20	  ↓          ↑	
For flight planning procedure, see ENR 1.10.					

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<b>G331</b>  PADET ▲ 100007N 0981719E  DADSA ▲ 090713N 0981749E  SUSID ▲ 083659N 0981808E  PHUKET DVOR/DME (PUT) ▲ 080655N 0981823E	  180° 000° 53.0 NM  180° 000° 30.0 NM  180° 000° 30.0 NM	  FL 460 9 500 FT Class A 10 000 FT  FL 460 6 500 FT Class A  7 000 FT	  10	  ↓         ↑	
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<b>G458</b>					
▲ <u>BANGKOK DVOR/DME (BKK)</u> 135337N 1003546E	197° 017° 44.0 NM	FL 460 7 500 FT Class A 8 000 FT	10	↓	
▲ <u>MOTNA</u> 131110N 1002306E	197° 017° 12.0 NM				
▲ <u>HOTEL</u> 130006N 1001948E	198° 018° 61.0 NM				
▲ <u>UKERA</u> 120207N 1000110E	196° 016° 56.0 NM				
▲ <u>MENEX</u> 110831N 0994543E	197° 017° 9.0 NM				
▲ <u>APRIL</u> 110007N 0994307E	198° 018° 92.0 NM				
▲ <u>IKERA</u> 093146N 0991532E	198° 018° 25.0 NM				
▲ <u>SURAT THANI DVOR/DME (STN)</u> 090746N 0990805E	220° 040° 25.0 NM	FL 460 6 500 FT Class A 7 000 FT			
▲ <u>LAMUL</u> 084818N 0985208E	219° 039° 23.0 NM				
▲ <u>SAVSA</u> 083016N 0983729E	220° 040° 30.0 NM			↑	
▲ <u>PHUKET DVOR/DME (PUT)</u> 080655N 0981823E					
For flight planning procedure, see ENR 1.10.					

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<b>G463</b>  BANGKOK DVOR/DME (BKK) ▲ 135337N 1003546E  TARED ▲ 142620N 0993129E  BETNO ▲ 150554N 0981231E	  298° 118° 70.0 NM  298° 118° 86.0 NM  	  FL 460 9 500 FT Class A 10 000 FT  	  (*)  	  ↓  ↑	Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					



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<b>G473</b>  MAKAS ▲ 164947N 0982949E  PHITSANULOK DVOR/DME (PSL) ▲ 164613N 1001729E  CHUM PHAE DVOR/DME (CMP) ▲ 163811N 1015905E  UBON DVORDME (UBL) ▲ 151443N 1045157E	  092° 272° 103.0 NM  094° 275° 98.0 NM  116° 297° 186.0 NM	  FL 460 9 000 FT Class A 10 000 FT	  (*)	  ↓        ↑	  Longitudinal separation between aircraft 15 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					



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<b>R201</b> <u>BANGKOK DVOR/DME (BKK)</u> ▲ 135337N 1003546E  <u>U-TAPAO DVOR/DME (BUT)</u> ▲ 124000N 1010002E	162° 342° 77.0 NM	FL 460 6 500 FT Class A 7 000 FT	20	↓    ↑	Excluding area of VTP7  Longitudinal separation between aircraft 10 min.
For flight planning procedure, see ENR 1.10.					

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<b>R202</b>  TATEL ▲ 172905N 0984549E  PHRAE DVOR/DME (PAE) ▲ 180803N 1000958E	  064° 244°  89.0 NM	  FL 460 12 500 FT/FL 125  Class A FL 130	  10	  ↓  ↑	
For flight planning procedure, see ENR 1.10.					

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<b>R203</b> <u>PHUKET DVOR/DME (PUT)</u> ▲ 080655N 0981823E  <u>UBNEN</u> ▲ 080520N 0974812E  <u>SAPAM</u> ▲ 080434N 0973300E	 268° 087° 30.0 NM  268° 088° 15.0 NM  	 FL 460 6 500 FT Class A 7 000 FT  	 (*)  	 ↓                      ↑  ↑                      ↓  	(*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

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<b>R207</b>  ▲ <u>SISUK</u> 194804N 0980243E  ▲ <u>MACHI</u> 191306N 0983346E  ▲ <u>LAMUN</u> 190513N 0984044E  ▲ <u>CHIANG MAI DVORDME (CMA)</u> 184558N 0985740E  ▲ <u>MONLO</u> 184702N 0993743E  ▲ <u>NAN DVORDME (NAN)</u> 184833N 1004657E  ▲ <u>ANBOK</u> 183635N 1011248E	  141° 321° 46.0 NM  141° 321° 10.0 NM  141° 321° 25.0 NM  088° 268° 38.0 NM  088° 268° 66.0 NM  116° 296° 27.0 NM	  FL 460 8 000 FT Class A 9 000 FT  FL 460 9 500 FT Class A 10 000 FT	  20	  ↓          ↑	  Longitudinal separation between aircraft 15 min.
For flight planning procedure, see ENR 1.10.					

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<b>R215</b>  <u>CHIANG RAI DVOR/DME (CTR)</u> ▲ 195654N 0995300E  <u>DUBEN</u> ▲ 193249N 1001207E  <u>NAN DVOR/DME (NAN)</u> ▲ 184833N 1004657E  <u>TOMIP</u> ▲ 191105N 1011548E	  144° 324° 30.0 NM 144° 324° 55.0 NM 051° 232° 35.0 NM	  FL 460 9 500 FT Class A 10 000 FT	  (*)	  ↓         ↑	  Longitudinal separation between aircraft 15 min.         For continuation, see AIP Lao People's Democratic Republic.
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<b>R334</b>  <u>RAYONG DVOR/DME (RYN)</u> ▲ 124648N 1014042E   <u>SAKDA</u> ▲ 113654N 1030000E	  132° 312° 103.0 NM	  FL 460 FL 165 Class A FL 170	  20	  ↓   ↑	  Longitudinal separation between aircraft 10 min.
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<b>R345</b> ROI-ET DVOR/DME (ROT) ▲ 160701N 1034619E GRASO ▲ 150917N 1034714E PASAT ▲ 145727N 1034726E PEKBA ▲ 144808N 1034733E BIDEM ▲ 142154N 1034750E	 180° 000° 58.0 NM 180° 000° 12.0 NM 180° 000° 9.0 NM 180° 000° 26.0 NM	 FL 460 FL 215 Class A FL 220	 10	 ↓          ↑	
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<b>R470</b> <u>VIENTIANE DVOR/DME (VTN)</u> ▲ 180037N 1023226E  <u>UDON DVOR/DME (UDN)</u> ▲ 172304N 1024630E  DOTUS ▲ 163103N 1032732E  <u>ROI-ET DVOR/DME (ROT)</u> ▲ 160701N 1034619E  ENTEK ▲ 154755N 1041024E  <u>UBON DVOR/DME (UBL)</u> ▲ 151443N 1045157E	  161° 341° 40.0 NM  144° 324° 65.0 NM  144° 324° 30.0 NM  130° 310° 30.0 NM  130° 310° 52.0 NM   	  FL 460 3 500 FT Class A 4 000 FT  FL 460 6 500 FT Class A 7 000 FT     	  (*)          	  ↓          ↑	For continuation, see AIP Lao People's Democratic Republic.  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					



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<b>R575</b>							
▲ PHUKET DVOR/DME (PUT) 080655N 0981823E	069° 249° 30.0 NM	FL 460 8 500 FT Class A	10	↓	(*) For width of airways, see ENR 2.1-1.		
▲ ONET1 081757N 0984633E	069° 249° 45.0 NM	9 000 FT					
▲ RECNO 083425N 0992825E	031° 211° 38.0 NM						
▲ MESEM 090719N 0994816E	031° 211° 30.0 NM						
▲ SAMUI DVOR/DME (SMU) 093249N 1000342E	070° 250° 15.0 NM	FL 460 6 500 FT Class A					
△ VININ 093754N 1001740E	070° 250° 13.0 NM	7 000 FT					
▲ UPNEP 094213N 1002936E	051° 231° 48.0 NM		(*)				
△ EMELA 101249N 1010729E	053° 233° 18.0 NM	FL 460 FL 155 Class A					
▲ RILVI 102334N 1012142E	053° 233° 37.0 NM	FL 160					
▲ ALUMO 104554N 1015123E	053° 233° 29.0 NM						
△ ANOBO 110323N 1021442E	054° 234° 56.0 NM						
▲ SAKDA 113654N 1030000E						↑	
For flight planning procedure, see ENR 1.10.							

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<b>R588</b>							
▲ PHUKET DVOR/DME (PUT) 080655N 0981823E	092° 272°	FL 460 9 500 FT	(*)	↓	(*) For width of airways, see ENR 2.1-1.		
▲ EMRIT 080621N 0984840E	30.0 NM	Class A 10 000 FT					
▲ KRABI DVOR/DME (KBI) 080627N 0985839E	10.0 NM						
▲ RELIP 080432N 1002619E	87.0 NM						
▲ IDRUK 082724N 1005513E	37.0 NM	FL 460 FL 155 Class A FL 160					
△ SUPIN 083435N 1010419E	12.0 NM						
△ MUBAN 085441N 1012952E	32.0 NM						
▲ TENUM 090229N 1013948E	13.0 NM						
△ TONIK 091736N 1015907E	24.0 NM						
▲ BASIT 093447N 1022108E	28.0 NM					↑	
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<b>W4</b>					
UDON DVOR/DME (UDN)					
▲ 172304N 1024630E	144° 324°	FL 460 6 500 FT	(*)	↓	Longitudinal separation between aircraft 10 min. (* ) For width of airways, see ENR 2.1-1.
DOTUS	65.0 NM	Class A			
▲ 163103N 1032732E	144° 324°	7 000 FT			
ROI-ET DVOR/DME (ROT)	30.0 NM				
▲ 160701N 1034619E	130° 310°				
ENTEK	30.0 NM				
▲ 154755N 1041024E	130° 310°			↑	
UBON DVOR/DME (UBL)	52.0 NM				
▲ 151443N 1045157E					
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<b>W5</b>					
UDON DVOR/DME (UDN)					
▲ 172304N 1024630E	180° 000°	FL 460 6 500 FT	(*)	↓	Longitudinal separation between aircraft 10 min. (* ) For width of airways, see ENR 2.1-1.
KHON KAEN DVOR/DME (KKN)	55.0 NM	Class A			
▲ 162815N 1024716E	111° 291°	7 000 FT			
SEDNO	31.0 NM				
▲ 161733N 1031707E	111° 291°				
ROI-ET DVOR/DME (ROT)	30.0 NM				
▲ 160701N 1034619E	130° 310°				
ENTEK	30.0 NM				
▲ 154755N 1041024E	130° 310°			↑	
UBON DVOR/DME (UBL)	52.0 NM				
▲ 151443N 1045157E					
For flight planning procedure, see ENR 1.10.					

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<b>W6</b> ▲ <u>KHORAT DVOR/DME (KRT)</u> 145502N 1020823E ▲ <u>KHON KAEN DVOR/DME (KKN)</u> 162815N 1024716E ▲ <u>SAKON NAKHON DVOR/DME (SKN)</u> 171251N 1040812E ▲ <u>NAKHON PHANOM DVOR/DME (NKP)</u> 172318N 1043818E	 022° 202° 100.0 NM 060° 240° 89.0 NM 070° 250° 31.0 NM	 FL 460 6 500 FT Class A 7 000 FT	 (*)	 ↓         ↑	Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W7</b>  <u>CHIANG MAI DVOR/DME (CMA)</u> ▲ 184558N 0985740E  <u>PUMAM</u> ▲ 180831N 0985001E  <u>LILRI</u> ▲ 170333N 0983653E  <u>MAE SOT DVOR/DME (MST)</u> ▲ 164152N 0983230E	  $\frac{192^\circ}{012^\circ}$  38.0 NM  $\frac{192^\circ}{012^\circ}$  66.0 NM  $\frac{192^\circ}{012^\circ}$  22.0 NM  	  FL 460 8 000 FT  Class A 9 000 FT  	  (*)  	  ↓    ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W8</b>  ▲ TAKHLI NDB (TL) 151633N 1001751E  ▲ KHORAT DVOR/DME (KRT) 145502N 1020823E	  102° 282°  109.0 NM	  FL 460 6 500 FT  Class A 7 000 FT	  (*)	  ↓   ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  1	Track MAG (GEO) VOR RDL DIST(COP)  2	Upper limits Lower limits or Airspace classification Minimum flight altitude  3	Lateral limits NM  4	Direction of cruising levels  Odd   Even  5	Remarks Controlling unit Frequency  6	
<b>W9</b>						
MAE HONG SON DVOR/DME (MHS) ▲ <u>191911N 0975444E</u>	120° 300° 30.0 NM	FL 460 8 500 FT Class A 9 000 FT	20	↓	Excluding restricted area VTR5. Longitudinal separation between aircraft 10 min. (* ) For width of airways, see ENR 2.1-1.	
BOKIB ▲ <u>190434N 0982225E</u>	119° 300° 13.2 NM	9 000 FT				
VISES ▲ <u>185811N 0983438E</u>	120° 300° 25.0 NM					
CHIANG MAI DVOR/DME (CMA) ▲ <u>184558N 0985740E</u>	148° 328° 38.0 NM	FL 460 6 500 FT Class A 7 000 FT				
PANTA ▲ <u>181351N 0991917E</u>	149° 329° 51.0 NM	7 000 FT				
SARIM △ <u>173030N 0994737E</u>	148° 328° 23.0 NM					
PIBIK ▲ <u>171130N 1000028E</u>	148° 328° 30.0 NM					
PHITSANULOK DVOR/DME (PSL) ▲ <u>164613N 1001729E</u>	181° 000° 30.0 NM					
PEBLI ▲ <u>161606N 1001736E</u>	181° 000° 59.0 NM					
TAKHLI NDB (TL) ▲ <u>151633N 1001751E</u>	169° 349° 84.0 NM			↑		
BANGKOK DVOR/DME (BKK) ▲ <u>135337N 1003546E</u>						
For flight planning procedure, see ENR 1.10.						

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W10</b>  KAMPHAENG SAEN DVOR/DME (KPS) ▲ <u>140956N 0995715E</u>  VUTHI ▲ <u>145007N 0995725E</u>  TAKHLI NDB (TL) ▲ <u>151633N 1001751E</u>	  001° 181°  40.0 NM  037° 218°  33.0 NM	  FL 260 5 500 FT  Class A  6 000 FT	  (*)    	  ↓    ↑	For Military use only.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W12</b>  CHIANG MAI DVOR/DME (CMA) ▲ <u>184558N 0985740E</u>  MONLO ▲ <u>184702N 0993743E</u>  NAN DVORDME (NAN) ▲ <u>184833N 1004657E</u>	  088° 268°  38.0 NM  088° 268°  66.0 NM	  FL 460 7 000 FT  Class A  8 000 FT	  (*)	  ↓    ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					



Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W13</b>  ▲ <u>LAMPANG DVOR/DME (LPN)</u> 181636N 0993008E  ▲ <u>PHRAE DVOR/DME (PAE)</u> 180803N 1000958E	  $\frac{103^\circ}{283^\circ}$  39.0 NM	  $\frac{FL\ 460}{6\ 000\ FT}$  Class A 7 000 FT	  (*)	  ↓    ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					





Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W16</b>  CHIANG MAI DVOR/DME (CMA) ▲ <u>184558N 0985740E</u>  ASAVI ▲ <u>182326N 0992958E</u>  UTTAR ▲ <u>174305N 1002706E</u>  CHUM PHAE DVOR/DME (CMP) ▲ <u>163811N 1015905E</u>  KHON KAEN DVOR/DME (KKN) ▲ <u>162815N 1024716E</u>	  126° 306°  38.0 NM  126° 306°  68.0 NM  126° 306°  109.0 NM  102° 282°  47.0 NM	  FL 460 6 500 FT  Class A  7 000 FT	  (*)	  ↓          ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W17</b>  <u>RANONG DVOR/DME (RAN)</u> ▲ 094643N 0983502E  <u>TOGIM</u> ▲ 092659N 0985148E  <u>SURAT THANI DVOR/DME (STN)</u> ▲ 090746N 0990805E  <u>EMVEL</u> ▲ 084438N 0992122E  <u>HAT YAI DVOR/DME (HTY)</u> ▲ 065603N 1002316E	  $\frac{140^\circ}{320^\circ}$ 26.0 NM  $\frac{140^\circ}{320^\circ}$ 25.0 NM  $\frac{151^\circ}{331^\circ}$ 27.0 NM  $\frac{151^\circ}{331^\circ}$ 124.0 NM	  $\frac{\text{FL 460}}{6\ 500\ \text{FT}}$ Class A 7 000 FT  $\frac{\text{FL 460}}{7\ 500\ \text{FT}}$ Class A 8 000 FT	  10	  ↓         ↑	
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>	
<b>W19</b>						
▲ <u>BANGKOK DVOR/DME (BKK)</u> 135337N 1003546E	182° 002°	FL 460 6 500 FT	(*)	↓	Longitudinal separation between aircraft 10 min. (* ) For width of airways, see ENR 2.1-1.	
△ <u>POLAK</u> 132106N 1003454E	32.0 NM	Class A 7 000 FT				
▲ <u>GUTSO</u> 124820N 1003454E	181° 001°					
▲ <u>REGOS</u> 120007N 1003454E	33.0 NM					
▲ <u>DIRAX</u> 110007N 1003248E	181° 001°					
▲ <u>TUSPU</u> 101948N 1003108E	48.0 NM					
▲ <u>UPNEP</u> 094213N 1002936E	182° 002°					
▲ <u>ROBDA</u> 092558N 1003511E	60.0 NM					
▲ <u>IDRUK</u> 082724N 1005513E	183° 003°					
▲ <u>ADNEP</u> 080344N 1010318E	40.0 NM					
▲ <u>NARATHIWAT DVOR/DME (NTW)</u> 063138N 1014442E	183° 003°					
	162° 342°					↑
	17.0 NM					
	162° 342°					
	62.0 NM					
	162° 342°					
	25.0 NM					
	156° 336°					
	101.0 NM					
For flight planning procedure, see ENR 1.10.						

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W20</b>					
▲ CHIANG MAI DVOR/DME (CMA)					
▲ 184558N 0985740E	$\frac{037^\circ}{217^\circ}$	$\frac{FL\ 350}{7\ 500\ FT}$	10	↓	Longitudinal separation between aircraft 10 min.
▲ ADLUS	25.0 NM	Class A			
▲ 190610N 0991320E	$\frac{037^\circ}{217^\circ}$	8 000 FT			
▲ NUMDO	33.0 NM				
▲ 193243N 0993402E	$\frac{037^\circ}{218^\circ}$			↑	
▲ CHIANG RAI DVOR/DME (CTR)	30.0 NM				
▲ 195654N 0995300E					
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W21</b> <u>BANGKOK DVOR/DME (BKK)</u> ▲ 135337N 1003546E  <u>NOBER</u> ▲ 151636N 1004006E  <u>CHUM PHAE DVOR/DME (CMP)</u> ▲ 163811N 1015905E  <u>UDON DVORDME (UDN)</u> ▲ 172304N 1024630E	 003° 183° 83.0 NM  043° 223° 111.0 NM  046° 226° 64.0 NM	 FL 460 10 000 FT Class A 11 000 FT/FL 110  FL 460 6 500 FT Class A 7 000 FT	 10	 ↓         ↑	.Longitudinal separation between aircraft 10 min.
For flight planning procedure, see ENR 1.10.					



Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W22</b>					
▲ PHITSANULOK DVOR/DME (PSL)					
▲ 164613N 1001729E	356° 176°	FL 460 6 500 FT	10	↓	Longitudinal separation between aircraft 10 min.
▲ NIROP	30.0 NM	Class A			
▲ 171614N 1001444E	356° 176°	7 000 FT			
▲ PHRAE DVOR/DME (PAE)	52.0 NM				
▲ 180803N 1000958E	352° 172°				
▲ BENVI	80.0 NM				
▲ 192707N 0995741E	352° 172°			↑	
▲ CHIANG RAI DVOR/DME (CTR)	30.0 NM				
▲ 195654N 0995300E					
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W23</b>  ▲ PHITSANULOK DVOR/DME (PSL) 164613N 1001729E  ▲ POLOB 171309N 1000328E  △ PIVUT 174644N 0994553E  ▲ LAMPANG DVOR/DME (LPN) 181636N 0993008E	  334° 154°  30.0 NM  334° 154°  37.0 NM  334° 154°  33.0 NM   	  FL 460 6 500 FT  Class A  7 000 FT   	  (*)   	   ↓   ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W24</b>  SURAT THANI DVOR/DME (STN) ▲ 090746N 0990805E  IDNAR ▲ 084344N 0991524E  BITEN ▲ 082659N 0992029E  TRANG DVOR/DME (TRN) ▲ 073032N 0993734E	  164° 344° 25.0 NM  164° 344° 17.0 NM  164° 344° 59.0 NM	  FL 460 7 500 FT  Class A 8 000 FT	  10	  ↓        ↑	  Longitudinal separation between aircraft 10 min.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W25</b>  ▲ <u>SUKHOTHAI NDB (THS)</u> 171407N 0994919E  ▲ <u>PHRAE DVOR/DME (PAE)</u> 180803N 1000958E  ▲ <u>NAN DVORDME (NAN)</u> 184833N 1004657E	  021° ----- 201°  57.0 NM  041° ----- 221°  54.0 NM	  FL 460 ----- 6 500 FT  Class A  9 000 FT  FL 460 ----- 8 000 FT  Class A  9 000 FT	  (*)         	  ↓         ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W26</b>					
▲ MAE SOT DVOR/DME (MST) 164152N 0983230E	074° 254°	FL 460 6 500 FT	(*)	↓	Longitudinal separation between aircraft 10 min.  (* ) For width of airways, see ENR 2.1-1.
▲ ISBEL 164754N 0985341E	21.0 NM	Class A 7 000 FT			
▲ TAK NDB (TK) 165358N 0991508E	074° 254°				
▲ PHITSANULOK DVOR/DME (PSL) 164613N 1001729E	22.0 NM				
▲ GOKON 164301N 1004834E	098° 278°				
▲ PHETCHABUN DVOR/DME (PCB) 164034N 1011148E	60.0 NM				
▲ CHUM PHAE DVOR/DME (CMP) 163811N 1015905E	097° 277°				
	30.0 NM				
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W27</b>  ▲ PHITSANULOK DVOR/DME (PSL) 164613N 1001729E  ▲ REMER 165935N 1004531E  ▲ LOEI DVOR/DME (LOY) 172649N 1014323E	  064° 245°  30.0 NM  065° 245°  62.0 NM	  FL 460 6 000 FT  Class A  7 000 FT	  (*)	  ↓    ↑	Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W28</b>					
▲ <u>SURAT THANI DVOR/DME (STN)</u> 090746N 0990805E	$\frac{126^\circ}{306^\circ}$ 25.0 NM	$\frac{FL\ 460}{8\ 500\ FT}$ Class A	10	↓	
▲ <u>SEGRA</u> 085300N 0992831E	$\frac{126^\circ}{306^\circ}$ 35.0 NM	9 000 FT			
▲ <u>NAKHON SI THAMMARAT DVOR/DME (NKS)</u> 083230N 0995649E	$\frac{165^\circ}{345^\circ}$ 100.0 NM	$\frac{FL\ 460}{7\ 500\ FT}$ Class A		↑	
▲ <u>HAT YAI DVOR/DME (HTY)</u> 065603N 1002316E		8 000 FT			
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W29</b> <u>PHITSANULOK DVOR/DME (PSL)</u> ▲ 164613N 1001729E  <u>GOSTA</u> ▲ 171557N 1002230E  <u>UTTAR</u> ▲ 174305N 1002706E  <u>NAN DVOR/DME (NAN)</u> ▲ 184833N 1004657E  <u>DUBEN</u> ▲ 193249N 1001207E  <u>CHIANG RAI DVOR/DME (CTR)</u> ▲ 195654N 0995300E	 010° ----- 190° 30.0 NM  010° ----- 190° 27.0 NM  017° ----- 197° 68.0 NM  324° ----- 144° 55.0 NM  324° ----- 144° 30.0 NM	 FL 460 ----- 6 500 FT Class A  7 000 FT  FL 460 ----- 8 500 FT Class A  9 000 FT	 10	 ↓          ↑  ↓   ↑	 Longitudinal separation between aircraft 10 min.
For flight planning procedure, see ENR 1.10.					



Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W31</b>					
▲ SUPOJ 101642N 1001220E	355° 175° 72.0 NM	FL 460 3 500 FT Class A 4 000 FT	10	↓	
▲ EGUBO 112838N 1000450E	354° 174° 34.0 NM				
△ UKERA 120207N 1000110E	354° 174° 36.0 NM				
▲ HUA HIN DVOR/DME (HHN) 123804N 0995704E	046° 226° 31.0 NM	FL 150 3 500 FT Class A 4 000 FT			
▲ HOTEL 130006N 1001948E	017° 197° 56.0 NM	FL 150 7 500 FT Class A 8 000 FT		↑	
▲ BANGKOK DVOR/DME (BKK) 135337N 1003546E					
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W32</b>					
▲ REGOS 120007N 1003454E	193° 013° 43.0 NM	FL 460 3 500 FT Class A	10		Unidirectional Conditional Route (CDR) Portion REGOS - SMU  1.Available on weekdays, Mon - Fri 1700-2300 UTC.  2.Available from Friday 1700 UTC to Sunday 2300 UTC and public holiday.  3.Other Period, Availability shall be notified by NOTAM or Airspace use plan (AUP) in www.thaicmac.aerothai.aero
▲ GOKEX 111815N 1002544E	193° 013° 63.0 NM	4 000 FT		↑	
▲ SUPOJ 101642N 1001220E	191° 011° 15.0 NM			↓	
▲ ENRAG 100223N 1000931E	191° 011° 30.0 NM				
▲ SAMUI DVOR/DME (SMU) 093249N 1000342E	246° 066° 19.0 NM				
▲ DORNA 092459N 0994614E	246° 066° 16.0 NM				
△ ADLAL 091810N 0993106E	246° 066° 9.0 NM				
▲ VEGNA 091427N 0992251E	246° 066° 16.0 NM				
▲ SURAT THANI DVOR/DME (STN) 090746N 0990805E	189° 009° 19.0 NM	FL 460 7 500 FT Class A			
▲ TEDOS 084834N 0990507E	189° 009° 6.0 NM	8 000 FT			
▲ TAVAT 084257N 0990416E	189° 009° 12.0 NM				
▲ NULMA 083118N 0990228E	189° 009° 3.0 NM				
▲ LUXIR 082819N 0990200E	189° 009° 7.0 NM				
▲ SARER 082127N 0990057E	189° 009° 15.0 NM			↑	
▲ KRABI DVOR/DME (KBI) 080627N 0985839E	133° 313° 28.0 NM			↓	
▲ TUNRA 074737N 0991905E	133° 313° 25.0 NM			↑	
▲ TRANG DVOR/DME (TRN) 073032N 0993734E					

For flight planning procedure, see ENR 1.10.

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>		
<b>W33</b>							
▲ PHUKET DVOR/DME (PUT) 080655N 0981823E	069° 249° 30.0 NM	FL 460 9 500 FT Class A	10	↓	Conditional Route (CDR) Portion PUT-SMU  1.Available on weekdays, Monday to Friday 1700-2300 UTC.  2.Available from Friday 1700 UTC to Sunday 2300 UTC and public holiday.  3.Other Period, Availability shall be notified by NOTAM or Airspace use plan (AUP) in <a href="http://www.thaicmac.aerothai.aero">www.thaicmac.aerothai.aero</a>		
▲ ONET1 081757N 0984633E	069° 249° 45.0 NM	10 000 FT					
▲ RECNO 083425N 0992825E	031° 211° 38.0 NM	FL 460 6 500 FT Class A					
▲ MESEM 090719N 0994816E	031° 211° 30.0 NM	7 000 FT					
▲ SAMUI DVOR/DME (SMU) 093249N 1000342E	070° 250° 15.0 NM						
△ VININ 093754N 1001740E	070° 250° 13.0 NM						
▲ UPNEP 094213N 1002936E	046° 226° 8.0 NM						
▲ MABKO 094809N 1003543E	046° 226° 103.0 NM						
▲ SURIX 105959N 1015015E	021° 201° 81.0 NM						
▲ TRAT NDB (TRT) 121628N 1021850E	310° 129° 48.0 NM						
▲ RAYONG DVOR/DME (RYN) 124648N 1014042E						↑	
For flight planning procedure, see ENR 1.10.							

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W34</b>  ▲ <u>MENEX</u> 110831N 0994543E  ▲ <u>CHUM PHON DVOR/DME (CPN)</u> 104240N 0992156E  ▲ <u>RANONG DVOR/DME (RAN)</u> 094643N 0983502E  ▲ <u>IGEVI</u> 083640N 0982320E  ▲ <u>PHUKET DVOR/DME (PUT)</u> 080655N 0981823E	  223° — 043°  35.0 NM  220° — 040°  72.0 NM  190° — 010°  71.0 NM  190° — 010°  30.0 NM	  FL 460 — 6 500 FT  Class A  7 000 FT	  10	  ↓         ↑	
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W35</b>					
▲ UPNEP 094213N 1002936E	206° 026°	FL 460 7 500 FT	10		Conditional Route (CDR) Portion UPNEP - NKS  1.Available on weekdays, Monday to Friday 1700-2300 UTC.  2.Available from Friday 1700 UTC to Sunday 2300 UTC and public holiday.  3.Other Period, Availability shall be notified by NOTAM or Airspace use plan (AUP) in <a href="http://www.thaicmac.aerothai.aero">www.thaicmac.aerothai.aero</a>
▲ PINUN 092825N 1002306E	15.0 NM 205° 025°	Class A 8 000 FT		↓	
▲ PAGLU 091549N 1001709E	14.0 NM 205° 025°				
NAKHON SI THAMMARAT DVOR/DME (NKS) ▲ 083230N 0995649E	48.0 NM 198° 018°				
▲ TRANG DVOR/DME (TRN) 073032N 0993734E	65.0 NM			↑	
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W36</b>  CHIANG MAI DVOR/DME (CMA) ▲ <u>184558N 0985740E</u>  LAMUN ▲ <u>190513N 0984044E</u>  MACHI ▲ <u>191306N 0983346E</u>  DOMKA ▲ <u>191419N 0982602E</u>  MAE HONG SON DVOR/DME (MHS) ▲ <u>191911N 0975444E</u>	  $\frac{321^\circ}{141^\circ}$ 25.0 NM  $\frac{321^\circ}{141^\circ}$ 10.0 NM  $\frac{280^\circ}{100^\circ}$ 7.4 NM  $\frac{280^\circ}{100^\circ}$ 30.0 NM	  FL 460 8 000 FT  Class A 9 000 FT	  10	    ↓        ↑	  Longitudinal separation between aircraft 10 min.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST (COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W38</b>  <u>RAMEI</u> ▲ 150240N 1030040E  <u>BURI RAM DVOR/DME (BRM)</u> ▲ 151422N 1031532E  <u>ANKID</u> ▲ 154049N 1033057E  <u>ROI-ET DVOR/DME (ROT)</u> ▲ 160701N 1034619E	  052° 232°  19.0 NM  030° 210°  30.0 NM  030° 210°  30.0 NM	  FL 460 6 500 FT  Class A  7 000 FT	  (*)	  ↓          ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W39</b>  ▲ <u>NOBER</u> 151636N 1004006E  ▲ <u>PHETCHABUN DVOR/DME (PCB)</u> 164034N 1011148E  ▲ <u>LOEI DVOR/DME (LOY)</u> 172649N 1014323E	  020° ----- 200°  89.0 NM  033° ----- 213°  55.0 NM	  FL 460 ----- 6 500 FT  Class A  7 000 FT	  (*)	  ↓    ↑	  Longitudinal separation between aircraft 10 min.  (*) For width of airways, see ENR 2.1-1.
For flight planning procedure, see ENR 1.10.					



Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W40</b> ▲ PHRAE DVORDME (PAE) 180803N 1000958E  ▲ PHETCHABUN DVORDME (PCB) 164034N 1011148E	  146° 326°  105.0 NM	  FL 460 6 500 FT  Class A 7 000 FT	  10	  ↓   ↑	  Longitudinal separation between aircraft 10 min.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W42</b>					
▲ MENEX 110831N 0994543E	044° 224° 28.0 NM	FL 460 FL 155 Class A FL 160	20	↓	
▲ EGUBO 112838N 1000450E	044° 224° 14.0 NM				
▲ UPVIL 113836N 1001421E	044° 224° 18.0 NM				
▲ SURMA 115122N 1002633E	044° 224° 12.0 NM				
▲ REGOS 120007N 1003454E	055° 235° 5.0 NM				
▲ ASEKU 120306N 1003905E	055° 235° 32.0 NM	FL 460 FL 285 Class A FL 290			
▲ PIDEL 122143N 1010514E	055° 235° 25.0 NM				
▲ ALEMI 123626N 1012600E	055° 235° 18.0 NM				
▲ RAYONG DVOR/DME (RYN) 124648N 1014042E	030° 210° 14.0 NM	FL 460 FL 125 Class A FL 130			
▲ RUPTA 125839N 1014733E	030° 210° 5.0 NM	FL 460 FL 155 Class A FL 160			
▲ NUGPA 130254N 1014959E	030° 210° 13.0 NM				
▲ BERLU 131350N 1015620E	030° 210° 35.0 NM	FL 460 FL 205 Class A FL 210			
▲ DULEM 134416N 1021400E	030° 210° 9.0 NM				
▲ ANREN 135212N 1021838E	030° 210° 35.0 NM				
▲ XIKMA 142236N 1023626E	031° 211° 18.0 NM				
▲ TOPER 143808N 1024538E	031° 211° 16.0 NM				
▲ PAKRI 145202N 1025409E	032° 212° 12.0 NM	FL 460 6 500 FT Class A 7 000 FT			
▲ RAMEI 150240N 1030040E			↑		

For flight planning procedure, see ENR 1.10.

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W43</b>  CHUM PHAE DVOR/DME (CMP) ▲ 163811N 1015905E   OKENA ▲ 161608N 1042533E	  098° 278°  142.0 NM	  FL 460 6 500 FT  Class A 7 000 FT	  20	  ↓   ↑	  Longitudinal separation between aircraft 10 min
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type)* Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST (COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W44</b> <u>NARATHIWAT DVOR/DME (NTW)</u> ▲ 063138N 1014442E  <u>ERVES</u> ▲ 061208N 1012853E  <u>BETONG DVOR/DME (BET)</u> ▲ 054708N 1010839E	  219° 039°  25.0 NM  219° 039°  32.0 NM   	  FL 460 8 500 FT  Class A  9 000 FT   	  10    	    ↓    ↑  	

Route designator (RNP type) Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST(COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W650</b>  ▲ <u>HAT YAI DVOR/DME (HTY)</u> 065603N 1002316E  ▲ <u>POPID</u> 062908N 1003212E	  $\frac{162^\circ}{342^\circ}$ 28.0 NM	  $\frac{FL\ 145}{10\ 500\ FT}$ Class A 11 000 FT/FL 110	  10	  ↓  ↑	  Longitudinal separation between aircraft 10 min.
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type)* Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST (COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W94</b>  NAKHON SI THAMMARAT DVOR/DME (NKS) ▲ 083230N 0995649E  GUPMO ▲ 085012N 1002750E	  061° 241° 35.0 NM	  FL 460 4 500 FT Class A 5 000 FT	  10	  ↓   ↑	
For flight planning procedure, see ENR 1.10.					

Route designator (RNP type)* Name of significant points Coordinates  <b>1</b>	Track MAG (GEO) VOR RDL DIST (COP)  <b>2</b>	Upper limits Lower limits or Airspace classification Minimum flight altitude  <b>3</b>	Lateral limits NM  <b>4</b>	Direction of cruising levels  Odd   Even  <b>5</b>	Remarks Controlling unit Frequency  <b>6</b>
<b>W99</b>					
SAMUI DVOR/DME (SMU)					
▲ 093249N 1000342E	030° 210°	FL 460 4 500 FT	10	↓	Uni-directional route (northbound)
▲ OLBAG 095849N 1001852E	30.0 NM 030° 210°	Class A 5 000 FT			
△ APUSA 100057N 1002007E	2.0 NM 031° 211°	FL 460 6 500 FT			
▲ DONSI 100738N 1002401E	8.0 NM 031° 211°	Class A 7 000 FT			
▲ TUSPU 101948N 1003108E	14.0 NM				
For flight planning procedure, see ENR 1.10.					

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