## Departure

**(Bold: Preferred during ADM Mode | *: Non-RF | []: By coordination with Zhuhai Approach | $: Only available for destination RCxx)**

**(^: M750 between ENVAR and SANAS between 2000 - 1300 UTC by coordination with Taipei Control | #: Not available between 2300 - 1159 UTC)**

**All Off-Mode / Non-Standard Departures require coordination with APP/DEP**

| SID | RWY | Trans | Exit Fix | Exit Route | Available Cruising Flight Level | Direction | Reaching Cruising Level |
|---|---|---|---|---|---|---|---|
| BEKOL1X (BEKOL5A*) | 07R | | | | Mainland China RVSM Levels (B330: Westbound, Others: Eastbound) | Guangzhou CTA | BEKOL at S0480-(FL157) or above |
| **ADLAD1T*** (BEKOL1Y, BEKOL1C*) | **07C** | (NONE) | BEKOL | A461 | S0420-(FL138) [S0450-(FL148)] | Landing ZGGG | BEKOL |
| BEKOL1Z (BEKOL2E*) | 07L | | | | S0180-(5900ft) | Landing ZGSZ | |
| LEKEN1X (LEKEN1A*) | 07R | V601 | DOTMI | A470 | S0810-(FL266) 330 350 390 | Shanghai CTA | SOUSA (42 NM before DOTMI) |
| **LARIT1T*** (LEKEN1Y, LEKEN1C*) | **07C** | | | | S0630-(FL207) S0750-(FL246) | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ | |
| LEKEN1Z (LEKEN1E*) | 07L | | | (NONE) | S0450-(FL148) | Landing ZGOW | |
| | | V611 | LELIM | M503 | 330 350 | Landing ZSPD, ZSQD, ZSYT, ZYTL | BESDA |
| DALOL1X (DALOL1A*) | 07R | V621 | ELATO | A1 | Eastbound Levels at or below FL270 | Taipei FIR | 20nm before ELATO |
| **DUMEP1T*** (DALOL1Y, DALOL1C*) | **07C** | | | G581 | | | |
| DALOL1Z (DALOL1E*) | 07L | V631 | ENVAR | M750 | 270^ 290# 310 330 350 370 390 410 Eastbound Levels | | ENVAR |
| | | | | M750-G581 | 290# 330 370 410 Eastbound Levels | | |
| **DALOL1X** (DALOL1A*) | **07R** | V642 | NOMAN | A461/M501 | 290 330 370 410 | Manila FIR | 20nm before NOMAN |
| XEMEK1T* (DALOL1Y, DALOL1C*) | 07C | V652 | SABNO | A583 | | | 20nm before SABNO |
| DALOL1Z (DALOL1E*) | 07L | SKATE | KAPLI | G86 | 290 330 370 390$ 410 | Taipei FIR | 20nm before KAPLI |
| | | | | A202 | S1040-(FL341) S1160-(FL381) S1220-(FL401) | Points beyond ASSAD | |
| | | | | | S0660-(FL217) S0720-(FL236) | Landing ZJHK, ZJQH | |
| **PECAN3X** (PECAN3A*) | **07R** | V10 | SIKOU | | S0840-(FL276) | Landing ZJSY | DAGBU (41nm before SIKOU) |
| SOSLU1T* (PECAN1Y, PECAN1C*) | 07C | | | R339 | Mainland China Westbound RVSM Levels at or above S0980 (FL321) | Points beyond WUY | |
| PECAN2Z (PECAN2E*) | 07L | | | | S0720-(FL236) S0780-(FL256) | Landing ZGBH, ZGNN | |
| | | | | (NONE) | S0600-(FL197) | Landing ZGZJ | |
| | | V11 | IDOSI | A1 | 280 | Sanya CTA | SURFA (23nm before IDOSI) |
| | | | | P901-A1 | 300 340 380 400 430 | | |
| | | V12 | EPDOS | L642 | 280 310 320 350 360 390 400 | | EPDOS |
| RAMEN2A | 07R | (Any) | (Any) | (Any) | (Direction Dependent) | Omnidirectional | (Direction Dependent) |
| RAMEN1C | 07C | | | | | | |
| RAMEN1E | 07L | | | | | | |

## Arrival

| From | Arrival Route | STAR | Descent Planning | Speed Control | ILS Approach |
|---|---|---|---|---|---|
| ABBEY | | ABBEY4A | MUSEL at FL110 | 280 KIAS at MUSEL | |
| BETTY | Holding Pattern | BETTY3A | MANGO at FL130 | 280 KIAS at MANGO | LIMES Transition between 3000ft and 6000ft |
| CANTO | | CANTO3A | MURRY at FL110 - FL130 | 280 KIAS at CANTO | |
| CARSO | (M771) - Q1 - V551 | BETTY3A | CYBER at FL260 and MANGO at FL130 | 280 KIAS at MANGO | **07R**: STELA at 2000ft or above (Freq: 110.900) |
| DOTMI | A470 - V512 | | | | Then turn right 031° to intercept at 1700ft |
| LELIM | M503 - V591 | ABBEY4A | ENPET at FL260 and MUSEL at FL110 | 280 KIAS at MUSEL | |
| ELATO | A1/G581 - V522 | | | | **07C**: TONIC at 2000ft or above (Freq: 109.300) |
| IDOSI | A1/P901 - V561 | CANTO3A | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA | Then turn right 036° to intercept at 1700ft |
| NOMAN | A461/M501 - V533 | BETTY3A | SONNY at FL260 and MANGO at FL130 | 280 KIAS at MANGO | **07L**: TUTBA at 2000ft or above (Freq: 111.550) |
| SABNO | A583 - V542 | | | | Then turn right 044° to intercept at 1500ft |
| SIERA | R473 | SIERA7A/C | MURRY at FL110 - FL130 | 280 KIAS at SIERA | |
| SIKOU | A202/R339 - V571 | CANTO3A | MAPLE at FL260 and MURRY at FL130 | 280 KIAS at ROCCA | |

**(\*: Non-RF | []: By coordination with Zhuhai Approach | $: Only available for destination RCxx)**

**(^: M750 between ENVAR and SANAS between 2000 - 1300 UTC by coordination with Taipei Control | #: Not available between 2300 - 1159 UTC)**

**All Off-Mode / Non-Standard Departures require coordination with APP/DEP**

| SID | RWY | Trans | Exit Fix | Exit Route | Available Cruising Flight Level | Direction | Reaching Cruising Level |
|---|---|---|---|---|---|---|---|
| BEKOL1X (BEKOL5A*)<br>BEKOL1Y (BEKOL1C*)<br>BEKOL1Z (BEKOL2E*) | 07R<br>07C<br>07L | (NONE) | BEKOL | A461 | Mainland China RVSM Levels (B330: Westbound, Others: Eastbound) | Guangzhou CTA | BEKOL at S0480-(FL157) or above |
| | | | | | S0420-(FL138) [S0450-(FL148)] | Landing ZGGG | BEKOL |
| | | | | | S0180-(5900ft) | Landing ZGSZ | |
| LEKEN1X (LEKEN1A*)<br>LEKEN1Y (LEKEN1C*)<br>LEKEN1Z (LEKEN1E*) | 07R<br>07C<br>07L | V601 | DOTMI | A470 | S0810-(FL266) 330 350 390 | Shanghai CTA | SOUSA (42 NM before DOTMI) |
| | | | | | S0630-(FL207) S0750-(FL246) | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ | |
| | | | | (NONE) | S0450-(FL148) | Landing ZGOW | |
| | | V611 | LELIM | M503 | 330 350 | Landing ZSPD, ZSQD, ZSYT, ZYTL | BESDA |
| DALOL1X (DALOL1A*)<br>DALOL1Y (DALOL1C*)<br>DALOL1Z (DALOL1E*) | 07R<br>07C<br>07L | V621 | ELATO | A1 | Eastbound Levels at or below FL270 | Taipei FIR | 20nm before ELATO |
| | | | | G581 | | | |
| | | V631 | ENVAR | M750 | 270^ 290# 310 330 350 370 390 410 Eastbound Levels | | ENVAR |
| | | | | M750-G581 | 290# 330 370 410 Eastbound Levels | | |
| | | V642 | NOMAN | A461/M501 | 290 330 370 410 | Manila FIR | 20nm before NOMAN |
| | | V652 | SABNO | A583 | | | 20nm before SABNO |
| | | SKATE | KAPLI | G86 | 290 330 370 390$ 410 | Taipei FIR | 20nm before KAPLI |
| PECAN3X (PECAN3A*)<br>PECAN1Y (PECAN1C*)<br>PECAN2Z (PECAN2E*) | 07R<br>07C<br>07L | V10 | SIKOU | A202 | S1040-(FL341) S1160-(FL381) S1220-(FL401) | Points beyond ASSAD | DAGBU (41nm before SIKOU) |
| | | | | | S0660-(FL217) S0720-(FL236) | Landing ZJHK, ZJQH | |
| | | | | | S0840-(FL276) | Landing ZJSY | |
| | | | | R339 | Mainland China Westbound RVSM Levels at or above S0980 (FL321) | Points beyond WUY | |
| | | | | | S0720-(FL236) S0780-(FL256) | Landing ZGBH, ZGNN | |
| | | | | (NONE) | S0600-(FL197) | Landing ZGZJ | |
| | | V11 | IDOSI | A1 | 280 | Sanya CTA | SURFA (23nm before IDOSI) |
| | | | | P901-A1 | 300 340 380 400 430 | | |
| | | V12 | EPDOS | L642 | 280 310 320 350 360 390 400 | | EPDOS |
| RAMEN2A<br>RAMEN1C<br>RAMEN1E | 07R<br>07C<br>07L | (Any) | (Any) | (Any) | (Direction Dependent) | Omnidirectional | (Direction Dependent) |

**Arrival**

| From | Arrival Route | STAR | Descent Planning | Speed Control | ILS Approach |
|---|---|---|---|---|---|
| ABBEY | Holding Pattern | ABBEY4A | MUSEL at FL110 | 280 KIAS at MUSEL | |
| BETTY | | BETTY3A | MANGO at FL130 | 280 KIAS at MANGO | LIMES Transition between 3000ft and 6000ft |
| CANTO | | CANTO3A | MURRY at FL110 - FL130 | 280 KIAS at CANTO | |
| CARSO | (M771) - Q1 - V551 | BETTY3A | CYBER at FL260 and MANGO at FL130 | 280 KIAS at MANGO | **07R**: STELA at 2000ft or above (Freq: 110.900) |
| DOTMI | A470 - V512 | ABBEY4A | ENPET at FL260 and MUSEL at FL110 | 280 KIAS at MUSEL | Then turn right 031° to intercept at 1700ft |
| LELIM | M503 - V591 | | | | |
| ELATO | A1/G581 - V522 | | | | **07C**: TONIC at 2000ft or above (Freq: 109.300) |
| IDOSI | A1/P901 - V561 | CANTO3A | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA | Then turn right 036° to intercept at 1700ft |
| NOMAN | A461/M501 - V533 | BETTY3A | SONNY at FL260 and MANGO at FL130 | 280 KIAS at MANGO | **07L**: TUTBA at 2000ft or above (Freq: 111.550) |
| SABNO | A583 - V542 | | | | Then turn right 044° to intercept at 1500ft |
| SIERA | R473 | SIERA7A/C | MURRY at FL130 | 280 KIAS at SIERA | |
| SIKOU | A202/R339 - V571 | CANTO3A | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA | |

**(Bold: Preferred during ADM Mode | *: Non-RF | []: By coordination with Zhuhai Approach | $: Only available for destination RCxx)**

**(^: M750 between ENVAR and SANAS between 2000 - 1300 UTC by coordination with Taipei Control | #: Not available between 2300 - 1159 UTC)**

**All Off-Mode / Non-Standard Departures require coordination with APP/DEP**

| SID | RWY | Trans | Exit Fix | Exit Route | Available Cruising Flight Level | Direction | Reaching Cruising Level |
|---|---|---|---|---|---|---|---|
| **BEKOL3B** BEKOL1D BEKOL2F | **25L** 25C 25R | (NONE) | BEKOL | A461 | Mainland China RVSM Levels (B330: Westbound, Others: Eastbound) | Guangzhou CTA | BEKOL at S0480-(FL157) or above |
| | | | | | S0420-(FL138) [S0450-(FL148)] | Landing ZGGG | BEKOL |
| | | | | | S0180-(5900ft) | Landing ZGSZ | |
| **LEKEN1B** LEKEN1D LEKEN1F | **25L** 25C 25R | V601 | DOTMI | A470 | S0810-(FL266) 330 350 390 | Shanghai CTA | SOUSA (42 NM before DOTMI) |
| | | | | | S0630-(FL207) S0750-(FL246) | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ | |
| | | | | (NONE) | S0450-(FL148) | Landing ZGOW | |
| | | V611 | LELIM | M503 | 330 350 | Landing ZSPD, ZSQD, ZSYT, ZYTL | BESDA |
| DALOL1B **DALOL1D** DALOL1F | 25L **25C** 25R | V621 | ELATO | A1 | Eastbound Levels at or below FL270 | Taipei FIR | 20nm before ELATO |
| | | | | G581 | | | |
| | | V631 | ENVAR | M750 | 270^ 290# 310 330 350 370 390 410 Eastbound Levels | | ENVAR |
| | | | | M750-G581 | 290# 330 370 410 Eastbound Levels | | |
| | | V642 | NOMAN | A461/M501 | 290 330 370 410 | Manila FIR | 20nm before NOMAN |
| | | V652 | SABNO | A583 | | | 20nm before SABNO |
| | | SKATE | KAPLI | G86 | 290 330 370 390$ 410 | Taipei FIR | 20nm before KAPLI |
| PECAN2B **PECAN1D** PECAN2F | 25L **25C** 25R | V10 | SIKOU | A202 | S1040-(FL341) S1160-(FL381) S1220-(FL401) | Points beyond ASSAD | DAGBU (41nm before SIKOU) |
| | | | | | S0660-(FL217) S0720-(FL236) | Landing ZJHK, ZJQH | |
| | | | | | S0840-(FL276) | Landing ZJSY | |
| | | | | R339 | Mainland China Westbound RVSM Levels at or above S0980 (FL321) | Points beyond WUY | |
| | | | | | S0720-(FL236) S0780-(FL256) | Landing ZGBH, ZGNN | |
| | | | | (NONE) | S0600-(FL197) | Landing ZGZJ | |
| | | V11 | IDOSI | A1 | 280 | Sanya CTA | SURFA (23nm before IDOSI) |
| | | | | P901-A1 | 300 340 380 400 430 | | |
| | | V12 | EPDOS | L642 | 280 310 320 350 360 390 400 | | EPDOS |
| RUMSY2B RUMSY1D RUMSY1F | 25L 25C 25R | (Any) | (Any) | (Any) | (Direction Dependent) | Omnidirectional | (Direction Dependent) |

## Arrival

| From | Arrival Route | STAR | Descent Planning | Speed Control | ILS Approach |
|---|---|---|---|---|---|
| ABBEY | Holding Pattern | ABBEY3B | MUSEL at FL110 | 280 KIAS at MUSEL | RIVMI between 4500ft and 6000ft |
| BETTY | | BETTY3B | MANGO at FL130 | 280 KIAS at MANGO | |
| CANTO | | CANTO3B | MURRY at FL110 - FL130 | 280 KIAS at CANTO | **25L** RIVMI Transition: LIKBI at 4500ft or above (Freq: 110.900) |
| CARSO | (M771) - Q1 - V551 | BETTY3B | CYBER at FL260 and MANGO at FL130 | 280 KIAS at MANGO | |
| DOTMI | A470 - V512 | ABBEY3B | ENPET at FL260 and MUSEL at FL130 | 280 KIAS at MUSEL | **25C** RIVMI Transition: CANUP at 4500ft or above (Freq: 110.900) |
| LELIM | M503 - V591 | | | | |
| ELATO | A1/G581 - V522 | | | | **25R** TOPUN Transition: RIVMI - RUNSU at 4500ft (RNAV Transition To ILS) TOPUN Descend to 2700ft (Freq: 108.750) |
| IDOSI | A1/P901 - V561 | CANTO3B | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA | |
| NOMAN | A461/M501 - V533 | BETTY3B | SONNY at FL260 and MANGO at FL130 | 280 KIAS at MANGO | |
| SABNO | A583 - V542 | | | | |
| SIERA | R473 | SIERA7B/D | MURRY at FL110 - FL130 | 280 KIAS at SIERA | |
| SIKOU | A202/R339 - V571 | CANTO3B | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA | |

# VMMC/MFM MACAO INTL – Runway 16 Departure

**Departure ($: Only available for destination RCxx)**

**(^: M750 between ENVAR and SANAS between 2000 - 1300 UTC by coordination with Taipei Control | #: Not available between 2300 - 1159 UTC)**

| SID | Trans | Exit Fix | Exit Route | Available Cruising Flight Level | Direction | Reaching Cruising Level |
|---|---|---|---|---|---|---|
| NLG1H | (NONE) | NLG | (NONE) | S0150-(4900ft) | Landing ZGSZ | In Guangzhou CTA (Zhuhai Approach provides TMA control) |
| IDUMA1H | | IDUMA | (NONE) | S0450-(FL148) | Landing ZGGG | |
| | | | A461 (N) G471 (E) W22 (N) W41 (N) | Mainland China RVSM Levels | Guangzhou CTA | |
| MIPAG1H | | MIPAG | W21 to CEN (NW) to GLN (SE) | | | |
| BIGRO1H | | BIGRO | G221 (W) R200 (W) | | | |
| NUDPI1P | V601 | DOTMI | A470 | S0810-(FL266) 330 350 390 | Shanghai CTA | SOUSA (42 NM before DOTMI) |
| | | | | S0630-(FL207) S0750-(FL246) | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ | |
| | | | (NONE) | S0450-(FL148) | Landing ZGOW | |
| | V611 | LELIM | M503 | 330 350 | Landing ZSPD, ZSQD, ZSYT, ZYTL | BESDA |
| CONGA2P | V621 | ELATO | A1/G581 | Eastbound Levels at or below FL270 | Taipei FIR | 20nm before ELATO |
| | V631 | ENVAR | M750 | 270^ 290# 310 330 350 370 390 410 Eastbound Levels | | ENVAR |
| | | | M750-G581 | 290# 330 370 410 Eastbound Levels | | |
| SKATE1P | SKATE | KAPLI | G86 | 290 330 370 390$ 410 | | 20nm before KAPLI |
| | V642 | NOMAN | A461/M501 | 290 330 370 410 | Manila FIR | 20nm before NOMAN |
| | V652 | SABNO | A583 | | | 20nm before SABNO |
| ALLEY2P | V10 | SIKOU | A202 | S1040-(FL341) S1160-(FL381) S1220-(FL401) | Points beyond ASSAD | DAGBU (41nm before SIKOU) |
| | | | | S0660-(FL217) S0720-(FL236) | Landing ZJHK, ZJQH | |
| | | | | S0840-(FL276) | Landing ZJSY | |
| | | | R339 | Mainland China Westbound RVSM Levels at or above S0980 (FL321) | Points beyond WUY | |
| | | | | S0720-(FL236) S0780-(FL256) | Landing ZGBH, ZGNN | |
| | | | (NONE) | S0600-(FL197) | Landing ZGZJ | |
| | V31 | IDOSI | A1 | 280 | Sanya CTA | SURFA (23nm before IDOSI) |
| | | | P901-A1 | 300 340 380 400 430 | | |
| | V32 | EPDOS | L642 | 280 310 320 350 360 390 400 | | EPDOS |

# VMMC/MFM MACAO INTL – Runway 34 Departure

**Departure (07/25: Hong Kong Runway Configuration | $: Only available for destination RCxx)**

**(^: M750 between ENVAR and SANAS between 2000 - 1300 UTC by coordination with Taipei Control | #: Not available between 2300 - 1159 UTC)**

| SID | Trans | Exit Fix | Exit Route | Available Cruising Flight Level | Direction | Reaching Cruising Level |
|---|---|---|---|---|---|---|
| NLG1G | (NONE) | NLG | (NONE) | S0150-(4900ft) | Landing ZGSZ | In Guangzhou CTA (Zhuhai Approach provides TMA control) |
| IDUMA1G | | IDUMA | (NONE) | S0450-(FL148) | Landing ZGGG | |
| | | IDUMA | A461 (N) G471 (E) W22 (N) W41 (N) | Mainland China RVSM Levels | Guangzhou CTA | |
| MIPAG1G | | MIPAG | W21 to CEN (NW) to GLN (SE) | | | |
| BIGRO1G | | BIGRO | G221 (W) R200 (W) | | | |
| NUDPI1T (07) NUDPI1U (25) | V601 | DOTMI | A470 | S0810-(FL266) 330 350 390 | Shanghai CTA | SOUSA (42 NM before DOTMI) |
| | | | | S0630-(FL207) S0750-(FL246) | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ | |
| | | | (NONE) | S0450-(FL148) | Landing ZGOW | |
| | V611 | LELIM | M503 | 330, 350 | Landing ZSPD, ZSQD, ZSYT, ZYTL | BESDA |
| CONGA4T (07) CONGA5U (25) | V621 | ELATO | A1/G581 | Eastbound Levels at or below FL270 | Taipei FIR | 20nm before ELATO |
| | V631 | ENVAR | M750 | 270^ 290# 310 330 350 370 390 410 Eastbound Levels | | ENVAR |
| | | | M750-G581 | 290# 330 370 410 Eastbound Levels | | |
| SKATE1T (07) SKATE1U (25) | SKATE | KAPLI | G86 | 290 330 370 390$ 410 | Manila FIR | 20nm before KAPLI |
| | V642 | NOMAN | A461/M501 | 290 330 370 410 | | 20nm before NOMAN |
| | V652 | SABNO | A583 | | | 20nm before SABNO |
| ALLEY4T (07) ALLEY4U (25) | V10 | SIKOU | A202 | S1040-(FL341) S1160-(FL381) S1220-(FL401) | Points beyond ASSAD | DAGBU (41nm before SIKOU) |
| | | | | S0660-(FL217) S0720-(FL236) | Landing ZJHK, ZJQH | |
| | | | | S0840-(FL276) | Landing ZJSY | |
| | | | R339 | Mainland China Westbound RVSM Levels at or above S0980 (FL321) | Points beyond WUY | |
| | | | | S0720-(FL236) S0780-(FL256) | Landing ZGBH, ZGNN | |
| | | | (NONE) | S0600-(FL197) | Landing ZGZJ | |
| | V11 | IDOSI | A1 | 280 | Sanya CTA | SURFA (23nm before IDOSI) |
| | | | P901-A1 | 300 340 380 400 430 | | |
| | V32 | EPDOS | L642 | 280 310 320 350 360 390 400 | | EPDOS |

**From Hong Kong FIR**

| From | Arrival Route | Descent Planning | Initial | - | RWY | STAR | Speed Control |
|---|---|---|---|---|---|---|---|
| DOTMI | A470-DOTMI-SAMMI-J101 | NEDLE at FL230 | SMT | → | 34 | SMT4A | HAZEL (IAF)/FL110 |
| ELATO | A1/G581-J101 | | | | 16 | SMT5B | HAZEL/FL110<br>INDUS/2700m<br>MC514/2100m<br>ZUH (IAF)/1800m |
| DUMOL | M771/M772-J103-ROBIN-CHALI | ISBAN at FL200 | CHALI | → | 34 | CHALI4A | CHALI/FL110<br>RUNLI/9000ft<br>MC611 (IAF)/6000ft |
| IDOSI | A1/P901-IDOSI-DASON-J104 | COTON at FL120 | | | 16 | CHALI5B | CHALI/FL110<br>RUNLI/9000ft<br>INDUS/2700m<br>MC514/2100m<br>ZUH (IAF)/1800m |
| SABNO | A583-SABNO-TOFEE-SUKER-ALDOM-J103-ROBIN | ISBAN at FL200 | | | | | |
| SIKOU | A202/R339-J104 | COTON at FL120 | | | | | |

**From Guangzhou CTA: (Zhuhai Approach is responsible for these STARs. See LOA for details.)**

| From | Arrival Route | Descent Planning | Initial | - | RWY | STAR | Speed Control |
|---|---|---|---|---|---|---|---|
| BIGRO | G221/R200/V20 | GURIN at 2700m-(8860ft)<br>UJ at 2400m-(7880ft) | BIGRO | → | 34 | BIGRO6A (BIGRO7A) | UJ (IAF)/2400m-(7880ft) |
| | | | | | 16 | BIGRO9A (BIGRO1A) | ZUH (IAF)/1800m-(5910ft) |
| CON | V5/A599/W44 | CON at S0420-(FL138)<br>FUSU at S0330-(FL108) or S0360-FL118)<br>SAREX at S0330-(FL108) or S0360-FL118)<br>NLG at S0360-(FL118) or S0330-(FL108) **(RWY34)** | CON | → | 34 | CON6A<br>POU6A<br>POU8A<br>NLG5A<br>NLG7A | MCU (IAF)/2100m-(6890ft) |
| POU | A599/B330/W90/R473/W19 | POU at S0330-(FL108) or S0360-(FL118)<br>SAREX at S0330-(FL108) or S0360-(FL118)<br>NLG at S0360-(FL118) or S0330-(FL108) **(RWY34)** | POU | | | | |
| NLG | W6/W18/W509/V19 | NLG at S0360-(FL118)or S0330-(FL108) **(RWY34)** | NLG | | 16 | CON9A<br>POU9A<br>POU1A | NLG (IAF)/2100m-(6890ft) |

**LOC/DME RWY16: (Use LOC/DME Z unless otherwise requested by pilot)**

| IAP | IAF/ALT | IF/ALT | LOC | Speed Control |
|---|---|---|---|---|
| LLZ/DME Z | ZUH/1800m | D9.0-R218 MCS/2500ft | MCS/111.7 | MAX APCH TURNING SPEED 190 KT |

**ILS RWY34: (Use ILS Z unless otherwise requested by pilot)**

| IAP | IAF/ALT | IF/ALT | ILS |
|---|---|---|---|
| ILS Z | HAZEL/FL110<br>MCU/2100m<br>UJ/2400m<br>R164MCU-R206CH/6000ft | PAPA/3000ft | MCN/109.7 |

**Departure ([]: By Coordination with Zhuhai Approach | #: Not available between 2300 - 1159 UTC)**

**(^: M750 between ENVAR and SANAS between 2000 - 1300 UTC by coordination with Taipei Control)**

| SID | RWY | Exit Fix | Exit Route | Available Cruising Flight Level | Direction | Reaching Cruising Level |
|---|---|---|---|---|---|---|
| BEKOL1A BEKOL2C | 13 31 | BEKOL | A461 | Mainland China RVSM Levels (B330: Westbound, Others: Eastbound) | Guangzhou CTA | BEKOL at S0480-(FL157) or above |
| | | | | S0420-(FL138) [S0450-(FL148)] | Landing ZGGG | BEKOL |
| | | | | S0180-(5900ft) | Landing ZGSZ | |
| DOTMI1A DOTMI2C | 13 31 | DOTMI | A470 | S0810-(FL266) 330 350 390 | Shanghai CTA | SOUSA (42 NM before DOTMI) |
| | | | | S0630-(FL207) S0750-(FL246) | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ | |
| | | | (NONE) | S0450-(FL148) | Landing ZGOW | |
| ELATO1A ELATO2C | 13 31 | ELATO | A1 | Eastbound Levels at or below FL270 | Taipei FIR | 20nm before ELATO |
| | | | G581 | | | |
| ENVAR1A ENVAR2C | 13 31 | ENVAR | M750 | 270^ 290# 310 330 350 370 390 410 Eastbound Levels | | ENVAR |
| | | | M750-G581 | 290# 330 370 410 Eastbound Levels | | |
| NOMAN1A NOMAN1B NOMAN2C NOMAN2D | 13 13 31 31 | NOMAN | A461/M501 | 290 330 370 410 | Manila FIR | 20nm before NOMAN |
| SABNO1A SABNO1B SABNO2C SABNO2D | 13 13 31 31 | SABNO | A583 | | | 20nm before SABNO |
| SIKOU1A SIKOU2C SIKOU2E | 13 31 31 | SIKOU | A202 | S1040-(FL341) S1160-(FL381) S1220-(FL401) | Points beyond ASSAD | DAGBU (41nm before SIKOU) |
| | | | | S0660-(FL217) S0720-(FL236) | Landing ZJHK, ZJQH | |
| | | | | S0840-(FL276) | Landing ZJSY | |
| | | | R339 | Mainland China Westbound RVSM Levels at or above S0980 (FL321) | Points beyond WUY | |
| | | | | S0720-(FL236) S0780-(FL256) | Landing ZGBH, ZGNN | |
| | | | (NONE) | S0600-(FL197) | Landing ZGZJ | |
| IDOSI1A IDOSI1B IDOSI2C IDOSI2D | 13 31 | IDOSI | A1 | 280 | Sanya CTA | SURFA (23nm before IDOSI) |
| | | | P901-A1 | 300 340 380 400 430 | | |
| EPDOS1A EPDOS2C | 13 31 | EPDOS | L642 | 280 310 320 350 360 390 400 | | EPDOS |

**Arrival**

| From | Arrival Route | STAR | Descent Planning | Speed Control | ILS Approach |
|---|---|---|---|---|---|
| DOTMI | DOTMI-MAGOG-ALPHA-CH | MAGOG[13/31] | **RWY13** Cross CH DME 30NM at FL140 or below | **RWY13** 250 KIAS within CH DME 30NM 210 KIAS below 6000FT | **IGS13** CH(IAF)/8000FT GOLF/6000FT Intercept at 4500FT |
| DUMOL | DUMOL-CH | DUMOL[13/31] | | | |
| ELATO | ELATO-MAGOG-ALPHA-CH | MAGOG[13/31] | | | |
| IDOSI | IDOSI-CHALI-CH | IDOSI[13/31] | **RWY31** Cross CH DME 50NM at FL130 Cross WHISKEY at 7000FT | **RWY31** 250KIAS with TD DME 30NM 210KIAS below 5000FT 180 KIAS by LIMA | **ILS31** LIMA(IAF)/4500FT Intercept at TH or TP/2000FT |
| NOMAN | NOMAN-CH | NOMAN[13/31] | | | |
| SABNO | SABNO-DELTA-CH | SABNO[13/31] | | | |
| SIKOU | SIKOU-CHALI-CH | SIKOU[13/31] | | | |
| POU/TAMOT | (POU)-TAMOT-MIKE-CHALI-CH | TAMOT[13/31] | MIKE/FL280, then same as above | | |

# Appendix A

## Squawk Code Assignment

| Flight Status | Squawk Range |
|---|---|
| IFR Departures<br>Flights transiting VHHK | 3301-3377<br>3501-3577<br>5101-5177<br>5301-5377 |
| VFR Flights<br>Local IFR/Domestic Flights<br>IFR Arrivals without assigned Squawk Code | 5201-5277 |

## PRC Example Routes - BEKOL

| ADEP-ADES | Route |
|---|---|
| VHHH - ZBAA | BEKOL A461 BUBDA W56 DUGEB |
| VHHH - ZSCN | BEKOL A461 SHL G471 PLT W19 OSONO |
| VHHH - ZSOF | BEKOL A461 BUBDA W56 IDPOG A581 WHA... |
| VHHH - ZUUU | BEKOL A461 SHL W22 TEPID W24 OSNOV G586 QP B330... |
| VHHH - ZUCK | |
| VHHH - E*** (Europe) | |

## PRC Example Routes - PECAN

| ADEP-ADES | Route |
|---|---|
| VHHH - ZPPP | PECAN V10 SIKOU R339 BSE A599... |
| VHHH - VABB | PECAN V10 SIKOU A202 ASSAD A206 LPB... |

## PRC Example Routes - NLG re-routes via DOTMI A470

| ADEP-ADES | Route |
|---|---|
| VMMC - ZSAM | NUDPI V601 DOTMI A470... |

## VHHH/VMMC/ZGSD/ZGSZ/ZGGG Standard Routes (and vice versa)

| ADEP-ADES | Route |
|---|---|
| VHHH - VMMC | PECAN DCT CHALI |
| VHHH - ZGSD | PECAN DCT FOXTROT (FOXTT) |
| VMMC - VHHH | ALLEY DCT CANTO |
| ZGSD - VHHH | FOXTROT (FOXTT) DCT CANTO |
| VHHH - ZGSZ | BEKOL |
| VHHH - ZGGG | BEKOL A461 IDUMA |
| VMMC - ZGSZ | NLG |
| VMMC - ZGGG | IDUMA |

# Appendix B

## Chinese Metric Altitudes

### Westbound - 600m Buffer

| Meter FL | FL in Feet |
|----------|------------|
| 14300m | 46900ft |
| 13100m | 43000ft |

### Eastbound - 600m Buffer

| Meter FL | FL in Feet |
|----------|------------|
| 14900m | 48900ft |
| 13700m | 44900ft |

### Westbound - 300m Buffer

| Meter FL | FL in Feet |
|----------|------------|
| 12200m | 40100ft |
| 11600m | 38100ft |
| 11000m | 36100ft |
| 10400m | 34100ft |
| 9800m | 32100ft |
| 9200m | 30100ft |

### Eastbound - 300m Buffer

| Meter FL | FL in Feet |
|----------|------------|
| 12500m | 41100ft |
| 11900m | 39100ft |
| 11300m | 37100ft |
| 10700m | 35100ft |
| 10100m | 33100ft |
| 9500m | 31100ft |
| 8900m | 29100ft |

### 500m Buffer

### 500m Buffer

### Westbound - 300m Buffer

| Meter FL | FL in Feet |
|----------|------------|
| 8400m | 27600ft |
| 7800m | 25600ft |
| 7200m | 23600ft |
| 6600m | 21700ft |
| 6000m | 19700ft |
| 5400m | 17700ft |
| 4800m | 15700ft |
| 4200m | 13800ft |
| 3600m | 11800ft |
| 3000m | 9800ft |
| 2400m | 7900ft |
| 1800m | 5900ft |
| 1200m | 3900ft |
| 600m | 2000ft |

### Eastbound - 300m Buffer

| Meter FL | FL in Feet |
|----------|------------|
| 8100m | 26600ft |
| 7500m | 24600ft |
| 6900m | 22600ft |
| 6300m | 20700ft |
| 5700m | 18700ft |
| 5100m | 16700ft |
| 4500m | 14800ft |
| 3900m | 12800ft |
| 3300m | 10800ft |
| 2700m | 8900ft |
| 2100m | 6900ft |
| 1500m | 4900ft |
| 900m | 3000ft |

# VHHH Departure Separation Flow Chart



Wake Turbulence Separation → Leading Aircraft

**Super → Trailing Aircraft:**
- Heavy → 2 minutes
- Medium or Light → Departing Position:
  - Same → 3 minutes
  - Intersection → 4 minutes

**Heavy → Trailing Aircraft:**
- Medium or Light → Departing Position:
  - Same → 2 minutes
  - Intersection → 3 minutes

**Medium → Trailing Aircraft:**
- Light → Departing Position:
  - Same → 2 minutes
  - Intersection → 3 minutes

Route Separation → Trailing Propeller
- No → On-mode departure
- Yes → Jet
  - No → On-mode departure
  - Yes → 180 seconds

On-mode departure:
- Yes → Contingency departure
- No → Suspend independent parallel departures (if in use), then → 180 seconds

Contingency departure:
- Yes → RWY direction
- No → RWY 25s

RWY direction:
- 07s → 90 seconds from preceding, 180 seconds for trailing
- 25s → Suspend independent parallel departures (if in use), then depending on following conditions:
  - Trailing 25L RNAV SID → 90 seconds
  - Other → 180 seconds

RWY 25s:
- No → Same SID as preceding
- Yes → Trailing contingency departure
  - No → Same SID as preceding
  - Yes → Depending on following conditions:
    - Other → 180 seconds
    - RWY 25C RNAV SID trailing RWY 25L/C contingency SID; OR RWY 25R RNAV trailing RWY 25L/C/R contingency SID → 90 seconds

Same SID as preceding:
- Yes → 90 seconds for first pair, then 120 seconds for further pairs
- No → 90 seconds