

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*)<br><b>ADLAD1T*</b> (BEKOL1Y, BEKOL1C*)<br>BEKOL1Z (BEKOL2E*) | 07R<br><b>07C</b><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><b>LARIT1T*</b> (LEKEN1Y, LEKEN1C*)<br>LEKEN1Z (LEKEN1E*) | 07R<br><b>07C</b><br>07L | V601   | DOTMI    | A470       | S0810-(FL266) 330 350 390                                       | Shanghai CTA                         | SOUSA (42 NM before DOTMI)      |
|                                                                                 |                          |        |          | (NONE)     | S0630-(FL207) S0750-(FL246)                                     | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ |                                 |
|                                                                                 |                          | V611   | LELIM    | M503       | S0450-(FL148)                                                   | Landing ZGOW                         | BESDA                           |
|                                                                                 |                          |        |          | (NONE)     | 330 350                                                         | Landing ZSPD, ZSQD, ZSYT, ZYTL       |                                 |
| DALOL1X (DALOL1A*)<br><b>DUMEP1T*</b> (DALOL1Y, DALOL1C*)<br>DALOL1Z (DALOL1E*) | 07R<br><b>07C</b><br>07L | V621   | ELATO    | A1         | Eastbound Levels at or below FL270                              | Taipei FIR                           | 20nm before ELATO               |
|                                                                                 |                          |        |          | G581       |                                                                 |                                      | ENVAR                           |
|                                                                                 |                          | V631   | ENVAR    | M750       | 270^ 290# 310 330 350 370 390 410 Eastbound Levels              |                                      |                                 |
|                                                                                 |                          |        |          | M750-G581  | 290# 330 370 410 Eastbound Levels                               |                                      |                                 |
| DALOL1X (DALOL1A*)<br>XEMEKT1T* (DALOL1Y, DALOL1C*)<br>DALOL1Z (DALOL1E*)       | 07R<br>07C<br>07L        | V641   | NOMAN    | A461/M501  | 290 330 370                                                     | Manila FIR                           | 20nm before NOMAN               |
|                                                                                 |                          | V651   | SABNO    | A583       | 290 330 370 410                                                 |                                      | 20nm before SABNO               |
|                                                                                 |                          | SKATE  | KAPLI    | G86        | 290 330 370 390\$ 410                                           | Taipei FIR                           | 20nm before KAPLI               |
| PECAN3X (PECAN3A*)<br>SOSLU1T* (PECAN1Y, PECAN1C*)<br>PECAN2Z (PECAN2E*)        | 07R<br>07C<br>07L        | V10    | SIKOU    | A202/R339  | Mainland China Westbound RVSM Levels at or above S0980 (FL321)  | Points beyond ASSAD/WUY              | DAGBU (41nm before SIKOU)       |
|                                                                                 |                          |        |          |            | S0660-(FL217) S0720-(FL236)                                     | Landing ZJHK, ZJQH                   |                                 |
|                                                                                 |                          |        |          |            | S0840-(FL276)                                                   | Landing ZJSY                         |                                 |
|                                                                                 |                          |        |          |            | S0600-(FL197)                                                   | Landing ZGZJ                         |                                 |
|                                                                                 |                          |        |          |            | S0720-(FL236) S0780-(FL256)                                     | Landing ZGBH, ZGNN                   |                                 |
|                                                                                 |                          | V11    | IDOSI    | A1         | Westbound Levels at or below FL280                              | Sanya CTA                            | SURFA (23nm before IDOSI)       |
|                                                                                 |                          |        |          | P901-A1    | Westbound RVSM Levels                                           |                                      |                                 |
|                                                                                 |                          | 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 | LIMES Transition between 3000ft and 6000ft<br><br><b>07R:</b> STELA at 2000ft or above (Freq: 110.900)<br>Then turn right 031° to intercept at 1700ft<br><br><b>07C:</b> TONIC at 2000ft or above (Freq: 109.300)<br>Then turn right 036° to intercept at 1700ft<br><br><b>07L:</b> TUTBA at 2000ft or above (Freq: 111.550)<br>Then turn right 044° to intercept at 1500ft |
| BETTY |                    | BETTY3A   | MANGO at FL130                            | 280 KIAS at MANGO |                                                                                                                                                                                                                                                                                                                                                                             |
| 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 |                                                                                                                                                                                                                                                                                                                                                                             |
| DOTMI | A470 - V512        | ABBEY4A   | ENPET at FL260 and MUSEL at FL110         | 280 KIAS at MUSEL |                                                                                                                                                                                                                                                                                                                                                                             |
| LELIM | M503 - V591        |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                                                             |
| ELATO | A1/G581 - V522     |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                                                             |
| IDOSI | A1/P901 - V561     | CANTO3A   | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA |                                                                                                                                                                                                                                                                                                                                                                             |
| NOMAN | A461/M501 - V532   | BETTY3A   | SONNY at FL260 and MANGO at FL130         | 280 KIAS at MANGO |                                                                                                                                                                                                                                                                                                                                                                             |
| SABNO | A583 - V542        |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                                                             |
| 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 |                                                                                                                                                                                                                                                                                                                                                                             |

VHHH/HKG HONG KONG INTL – Runway 07s / Non-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*)<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)      |
|                                                                |                   |        |          | (NONE)     | S0630-(FL207) S0750-(FL246)                                           | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ |                                 |
|                                                                |                   | V611   | LELIM    | M503       | S0450-(FL148)                                                         | Landing ZGOW                         | BESDA                           |
|                                                                |                   |        |          | (NONE)     | 330 350                                                               | Landing ZSPD, ZSQD, ZSYT, ZYTL       |                                 |
| 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       |                                                                       |                                      | ENVAR                           |
|                                                                |                   | V631   | ENVAR    | M750       | 270^ 290# 310 330 350 370 390 410 Eastbound Levels                    |                                      |                                 |
|                                                                |                   |        |          | M750-G581  | 290# 330 370 410 Eastbound Levels                                     |                                      |                                 |
|                                                                |                   | V641   | NOMAN    | A461/M501  | 290 330 370                                                           | Manila FIR                           | 20nm before NOMAN               |
|                                                                |                   | V651   | SABNO    | A583       | 290 330 370 410                                                       |                                      | 20nm before SABNO               |
| PECAN3X (PECAN3A*)<br>PECAN1Y (PECAN1C*)<br>PECAN2Z (PECAN2E*) | 07R<br>07C<br>07L | V10    | SIKOU    | A202/R339  | Mainland China Westbound RVSM Levels at or above S0980 (FL321)        | Points beyond ASSAD/WUY              | DAGBU (41nm before SIKOU)       |
|                                                                |                   |        |          |            | S0660-(FL217) S0720-(FL236)                                           | Landing ZJHK, ZJQH                   |                                 |
|                                                                |                   |        |          |            | S0840-(FL276)                                                         | Landing ZJSY                         |                                 |
|                                                                |                   |        |          |            | S0600-(FL197)                                                         | Landing ZGZJ                         |                                 |
|                                                                |                   |        |          |            | S0720-(FL236) S0780-(FL256)                                           | Landing ZGBH, ZGNN                   |                                 |
|                                                                |                   | V11    | IDOSI    | A1/(P901)  | (A1: Westbound Levels at or below FL280, P901: Westbound RVSM Levels) | Sanya CTA                            | SURFA (23nm before IDOSI)       |
|                                                                |                   | 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 | LIMES Transition between 3000ft and 6000ft<br><br><b>07R:</b> STELA at 2000ft or above (Freq: 110.900)<br>Then turn right 031° to intercept at 1700ft<br><br><b>07C:</b> TONIC at 2000ft or above (Freq: 109.300)<br>Then turn right 036° to intercept at 1700ft<br><br><b>07L:</b> TUTBA at 2000ft or above (Freq: 111.550)<br>Then turn right 044° to intercept at 1500ft |
| BETTY |                    | BETTY3A   | MANGO at FL130                            | 280 KIAS at MANGO |                                                                                                                                                                                                                                                                                                                                                                             |
| 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 |                                                                                                                                                                                                                                                                                                                                                                             |
| DOTMI | A470 - V512        | ABBEY4A   | ENPET at FL260 and MUSEL at FL110         | 280 KIAS at MUSEL |                                                                                                                                                                                                                                                                                                                                                                             |
| LELIM | M503 - V591        |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                                                             |
| ELATO | A1/G581 - V522     |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                                                             |
| IDOSI | A1/P901 - V561     | CANTO3A   | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA |                                                                                                                                                                                                                                                                                                                                                                             |
| NOMAN | A461/M501 - V532   | BETTY3A   | SONNY at FL260 and MANGO at FL130         | 280 KIAS at MANGO |                                                                                                                                                                                                                                                                                                                                                                             |
| SABNO | A583 - V542        |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                                                             |
| 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 |                                                                                                                                                                                                                                                                                                                                                                             |

VHHH/HKG HONG KONG INTL – Runway 25s

(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<br>BEKOL1D<br>BEKOL2F | 25L<br>25C<br>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                         | BEKOL                           |
| LEKEN1B<br>LEKEN1D<br>LEKEN1F | 25L<br>25C<br>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                         |                                 |
| DALOL1B<br>DALOL1D<br>DALOL1F | 25L<br>25C<br>25R | V611   | LELIM    | M503       | 330 350                                                               | Landing ZSPD, ZSQD, ZSYT, ZYTL       | BESDA                           |
|                               |                   | 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                    | Manila FIR                           | ENVAR                           |
|                               |                   |        |          | M750-G581  | 290# 330 370 410 Eastbound Levels                                     |                                      |                                 |
|                               |                   | V641   | NOMAN    | A461/M501  | 290 330 370                                                           | Taipei FIR                           | 20nm before NOMAN               |
|                               |                   | V651   | SABNO    | A583       | 290 330 370 410                                                       |                                      | 20nm before SABNO               |
| PECAN2B<br>PECAN1D<br>PECAN2F | 25L<br>25C<br>25R |        |          | G86        | 290 330 370 390\$ 410                                                 | Taipei FIR                           | 20nm before KAPLI               |
|                               |                   | V10    | SIKOU    | A202/R339  | Mainland China Westbound RVSM Levels at or above S0980 (FL321)        | Points beyond ASSAD/WUY              | DAGBU (41nm before SIKOU)       |
|                               |                   |        |          |            | S0660-(FL217) S0720-(FL236)                                           | Landing ZJHK, ZJQH                   |                                 |
|                               |                   |        |          |            | S0840-(FL276)                                                         | Landing ZJSY                         |                                 |
|                               |                   |        |          |            | S0600-(FL197)                                                         | Landing ZGZJ                         |                                 |
|                               |                   |        |          |            | S0720-(FL236) S0780-(FL256)                                           | Landing ZGBH, ZGNN                   |                                 |
|                               |                   | V11    | IDOSI    | A1/(P901)  | (A1: Westbound Levels at or below FL280, P901: Westbound RVSM Levels) | Sanya CTA                            | SURFA (23nm before IDOSI)       |
| RUMSY2B<br>RUMSY1D<br>RUMSY1F | 25L<br>25C<br>25R |        |          | L642       | 280 310 320 350 360 390 400                                           |                                      | EPDOS                           |
|                               |                   | (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<br><br><b>25L</b> RIVMI Transition:<br>LIKBI at 4500ft or above (Freq: 110.900)<br><br><b>25C</b> RIVMI Transition:<br>CANUP at 4500ft or above (Freq: 110.900)<br><br><b>25R</b> TOPUN Transition:<br>RIVMI - RUNSU at 4500ft (RNAV Transition To ILS)<br>TOPUN Descend to 2700ft (Freq: 108.750) |
| BETTY |                    | BETTY3B   | MANGO at FL130                            | 280 KIAS at MANGO |                                                                                                                                                                                                                                                                                                                                    |
| CANTO |                    | CANTO3B   | MURRY at FL110 - FL130                    | 280 KIAS at CANTO |                                                                                                                                                                                                                                                                                                                                    |
| 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 |                                                                                                                                                                                                                                                                                                                                    |
| LELIM | M503 - V591        |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                    |
| ELATO | A1/G581 - V522     |           |                                           |                   |                                                                                                                                                                                                                                                                                                                                    |
| IDOSI | A1/P901 - V561     | CANTO3B   | MAPLE at FL260 and MURRY at FL110 - FL130 | 280 KIAS at ROCCA |                                                                                                                                                                                                                                                                                                                                    |
| NOMAN | A461/M501 - V532   | 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 (#: Old AIRAC RNAV SID | \$: 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 (NLG2D#)     | (NONE) | NLG      | (NONE)                            | S0150-(4900ft)                                                        | Landing ZGSZ                         | In Guangzhou CTA<br>(Zhuhai Approach provides TMA control) |
| SHL1H (SHL2D#)     |        | SHL      | (NONE)                            | S0450-(FL148)                                                         | Landing ZGGG                         |                                                            |
| MIPAG1H (MIPAG2D#) |        |          | A461 (N)<br>G471 (E)<br>W22 (N)   | Mainland China RVSM Levels                                            | Guangzhou CTA                        |                                                            |
| BIGRO1H (BIGRO2D#) |        | MIPAG    | W21<br>to CEN (NW)<br>to GLN (SE) |                                                                       |                                      |                                                            |
|                    |        | BIGRO    | G221 (W)<br>R200 (W)              |                                                                       |                                      |                                                            |
| NUDPI1P            | V601   | DOTMI    | A470                              | S0810-(FL266) 330 350 390                                             | Shanghai CTA                         | SOUSA (42 NM before DOTMI)                                 |
|                    |        |          | (NONE)                            | S0630-(FL207) S0750-(FL246)                                           | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ |                                                            |
|                    | V611   | LELIM    | M503                              | S0450-(FL148)                                                         | Landing ZGOW                         |                                                            |
| CONGA2P            | V621   | ELATO    | A1/G581                           | 330 350                                                               | Landing ZSPD, ZSQD, ZSYT, ZYTL       | BESDA                                                      |
|                    | V631   | ENVAR    | M750                              | Eastbound Levels at or below FL270                                    | Taipei FIR                           | 20nm before ELATO                                          |
|                    |        |          | M750-G581                         | 270^ 290# 310 330 350 370 390 410 Eastbound Levels                    |                                      | ENVAR                                                      |
|                    |        |          |                                   | 290# 330 370 410 Eastbound Levels                                     |                                      |                                                            |
| GRUPA2P            | GRUPA  | KAPLI    | G86                               | 290 330 370 390\$ 410                                                 | Manila FIR                           | 20nm before KAPLI                                          |
|                    | V641   | NOMAN    | A461/M501                         | 290 330 370                                                           |                                      | 20nm before NOMAN                                          |
|                    | V651   | SABNO    | A583                              | 290 330 370 410                                                       |                                      | 20nm before SABNO                                          |
| ALLEY2P            | V10    | SIKOU    | A202/R339                         | Mainland China Westbound RVSM Levels at or above S0980 (FL321)        | Points beyond ASSAD/WUY              | DAGBU (41nm before SIKOU)                                  |
|                    |        |          |                                   | S0660-(FL217) S0720-(FL236)                                           | Landing ZJHK, ZJQH                   |                                                            |
|                    |        |          |                                   | S0840-(FL276)                                                         | Landing ZJSY                         |                                                            |
|                    |        |          |                                   | S0600-(FL197)                                                         | Landing ZGZJ                         |                                                            |
|                    |        |          |                                   | S0720-(FL236) S0780-(FL256)                                           | Landing ZGBH, ZGNN                   |                                                            |
|                    | V31    | IDOSI    | A1/(P901)                         | (A1: Westbound Levels at or below FL280, P901: Westbound RVSM Levels) | Sanya CTA                            | SURFA (23nm before IDOSI)                                  |
|                    | V32    | EPDOS    | L642                              | 280 310 320 350 360 390 400                                           |                                      | EPDOS                                                      |



VMMC/MFM MACAO INTL – Runway 34 Departure



Departure (#: Old AIRAC RNAV SID | 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 (NLG7D#)               | (NONE) | NLG      | (NONE)                            | S0150-(4900ft)                                                        | Landing ZGSZ                         | In Guangzhou CTA<br>(Zhuhai Approach provides TMA control) |
| SHL1G (SHL2D#)               |        | SHL      | (NONE)                            | S0450-(FL148)                                                         | Landing ZGGG                         |                                                            |
| MIPAG1G (MIPAG7D#)           |        |          | W21<br>to CEN (NW)<br>to GLN (SE) | Mainland China RVSM Levels                                            | Guangzhou CTA                        |                                                            |
| BIGRO1G (BIGRO7D#)           |        | BIGRO    | G221 (W)<br>R200 (W)              |                                                                       |                                      |                                                            |
| NUDPI1T (07)<br>NUDPI1U (25) | V601   | DOTMI    | A470                              | S0810-(FL266) 330 350 390                                             | Shanghai CTA                         | SOUSA (42 NM before DOTMI)                                 |
|                              |        |          | (NONE)                            | S0630-(FL207) S0750-(FL246)                                           | Landing ZSAM, ZSQZ, ZSFZ, ZSWY, ZSWZ |                                                            |
|                              | V611   | LELIM    | M503                              | S0450-(FL148)                                                         | Landing ZGOW                         | BESDA                                                      |
| CONGA4T (07)<br>CONGA5U (25) | V621   | ELATO    | A1/G581                           | 330, 350                                                              | Landing ZSPD, ZSQD, ZSYT, ZYTL       | 20nm before ELATO                                          |
|                              | V631   | ENVAR    | M750                              | Eastbound Levels at or below FL270                                    | Taipei FIR                           | ENVAR                                                      |
|                              |        |          | M750-G581                         | 270^ 290# 310 330 350 370 390 410 Eastbound Levels                    |                                      |                                                            |
| GRUPA4T (07)<br>GRUPA5U (25) | GRUPA  | KAPLI    | G86                               | 290# 330 370 410 Eastbound Levels                                     |                                      | 20nm before KAPLI                                          |
|                              | V641   | NOMAN    | A461/M501                         | 290 330 370 410                                                       | Manila FIR                           | 20nm before NOMAN                                          |
|                              | V651   | SABNO    | A583                              | 290 330 370 410                                                       |                                      | 20nm before SABNO                                          |
| ALLEY4T (07)<br>ALLEY4U (25) | V10    | SIKOU    | A202/R339                         | Mainland China Westbound RVSM Levels at or above S0980 (FL321)        | Points beyond ASSAD/WUY              | DAGBU (41nm before SIKOU)                                  |
|                              |        |          |                                   | S0660-(FL217) S0720-(FL236)                                           | Landing ZJHK, ZJQH                   |                                                            |
|                              |        |          |                                   | S0840-(FL276)                                                         | Landing ZJSY                         |                                                            |
|                              |        |          |                                   | S0600-(FL197)                                                         | Landing ZGZJ                         |                                                            |
|                              |        |          |                                   | S0720-(FL236) S0780-(FL256)                                           | Landing ZGBH, ZGNN                   |                                                            |
|                              | V31    | IDOSI    | A1/(P901)                         | (A1: Westbound Levels at or below FL280, P901: Westbound RVSM Levels) | Sanya CTA                            | SURFA (23nm before IDOSI)                                  |
|                              | V32    | EPDOS    | L642                              | 280 310 320 350 360 390 400                                           |                                      | EPDOS                                                      |

VMMC/MFM MACAO INTL – Runway 16/34 Arrival

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) <b>(RWY34)</b> | 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) <b>(RWY34)</b>                        | POU     |   |     |                                           |                          |
| NLG   | W6/W18/W509/V19        | NLG at S0360-(FL118)or S0330-(FL108) <b>(RWY34)</b>                                                                                                             | 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 |

VHHX/HKG KAI TAK INTL – Runway 13/31

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<br>BEKOL2C                       | 13<br>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<br>DOTMI2C                       | 13<br>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<br>ELATO2C                       | 13<br>31             | ELATO    | A1         | Eastbound Levels at or below FL270                                    |  | Taipei FIR                           | 20nm before ELATO               |
|                                          |                      |          | G581       |                                                                       |  |                                      |                                 |
| ENVAR1A<br>ENVAR2C                       | 13<br>31             | ENVAR    | M750       | 270^ 290# 310 330 350 370 390 410 Eastbound Levels                    |  |                                      | ENVAR                           |
|                                          |                      |          | M750-G581  | 290# 330 370 410 Eastbound Levels                                     |  |                                      |                                 |
| NOMAN1A<br>NOMAN1B<br>NOMAN2C<br>NOMAN2D | 13<br>13<br>31<br>31 | NOMAN    | A461/M501  | 290 330 370                                                           |  | Manila FIR                           | 20nm before NOMAN               |
| SABNO1A<br>SABNO1B<br>SABNO2C<br>SABNO2D | 13<br>13<br>31<br>31 | SABNO    | A583       | 290 330 370 410                                                       |  |                                      | 20nm before SABNO               |
| SIKOU1A<br>SIKOU2C<br>SIKOU2E            | 13<br>31<br>31       | SIKOU    | A202/R339  | Mainland China Westbound RVSM Levels at or above S0980 (FL321)        |  | Points beyond ASSAD/WUY              | DAGBU (41nm before SIKOU)       |
|                                          |                      |          |            | S0660-(FL217) S0720-(FL236)                                           |  | Landing ZJHK, ZJQH                   |                                 |
|                                          |                      |          |            | S0840-(FL276)                                                         |  | Landing ZJSY                         |                                 |
|                                          |                      |          |            | S0600-(FL197)                                                         |  | Landing ZGZJ                         |                                 |
|                                          |                      |          |            | S0720-(FL236) S0780-(FL256)                                           |  | Landing ZGBH, ZGNN                   |                                 |
| IDOSI1A<br>IDOSI1B<br>IDOSI2C<br>IDOSI2D | 13<br>31             | IDOSI    | A1/(P901)  | (A1: Westbound Levels at or below FL280, P901: Westbound RVSM Levels) |  | Sanya CTA                            | SURFA (23nm before IDOSI)       |
| EPDOS1A<br>EPDOS2C                       | 13<br>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] | <div><div><div>RWY13</div><div>Cross CH DME 30NM at FL140 or below</div></div><div><div>RWY31</div><div>Cross CH DME 50NM at FL130</div><div>Cross WHISKEY at 7000FT</div></div></div> | <div><div><div>RWY13</div><div>250 KIAS within CH DME 30NM</div><div>210 KIAS below 6000FT</div></div><div><div>RWY31</div><div>250KIAS with TD DME 30NM</div><div>210KIAS below 5000FT</div><div>180 KIAS by LIMA</div></div></div> | <div><div><div>IGS13</div><div>CH(IAF)/8000FT</div><div>GOLF/6000FT</div><div>Intercept at 4500FT</div></div><div><div>ILS31</div><div>LIMA(IAF)/4500FT</div><div>Intercept at TH or TP/2000FT</div></div></div> |
| DUMOL     | DUMOL-CH                  | DUMOL[13/31] |                                                                                                                                                                                        |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                  |
| ELATO     | ELATO-MAGOG-ALPHA-CH      | MAGOG[13/31] |                                                                                                                                                                                        |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                  |
| IDOSI     | IDOSI-CHALI-CH            | IDOSI[13/31] |                                                                                                                                                                                        |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                  |
| 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                                              | 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 | SHL                       |

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

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     |

500m Buffer

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     |