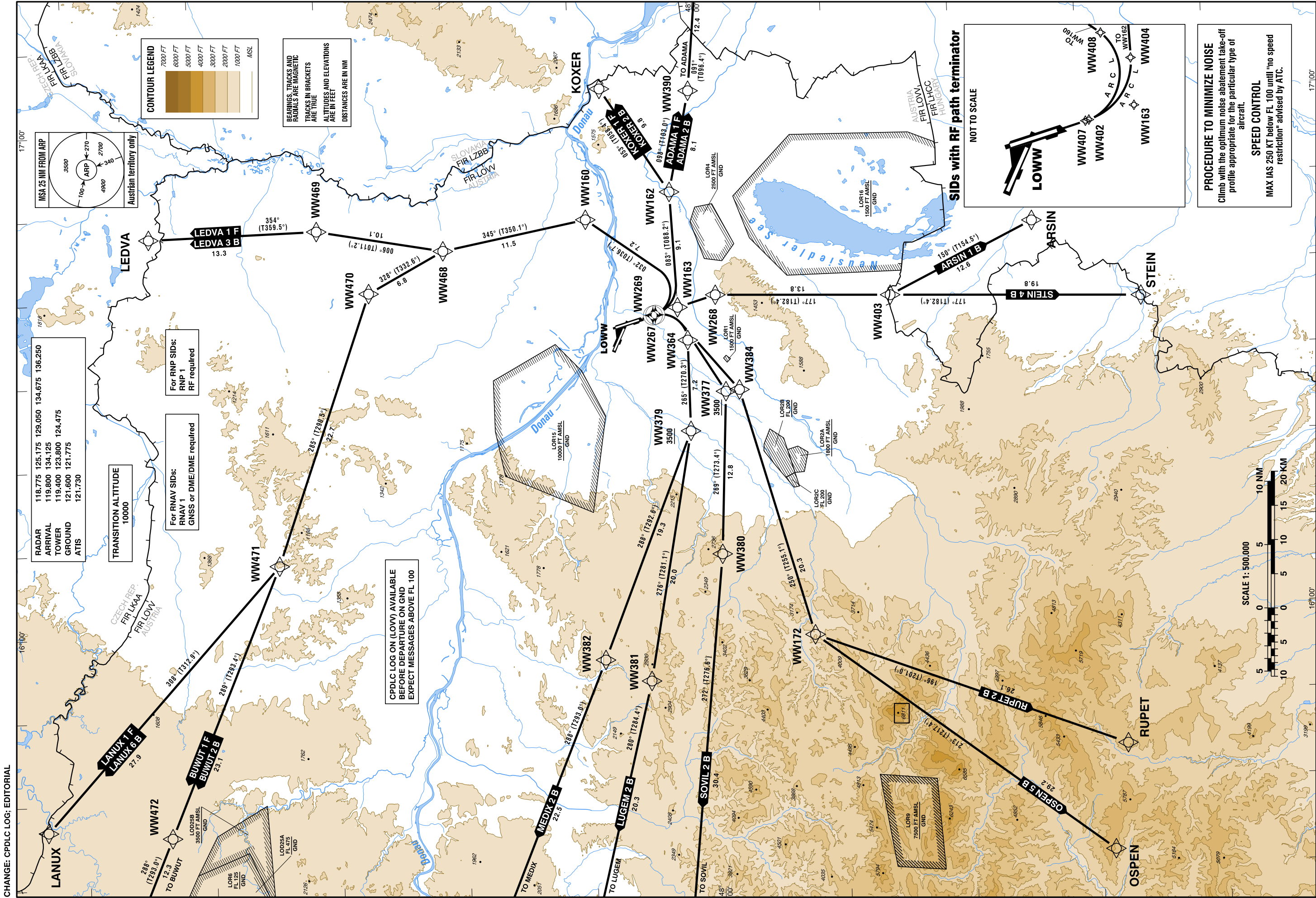




Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SIDs with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                       | Route                                                           | After Take-Off          |                           | Remarks                                                                                                                     |            |                   |             |       |                             |                                                                      |
|--------------------------------------------------|-----------------------------------------------------------------|-------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------|-------|-----------------------------|----------------------------------------------------------------------|
|                                                  |                                                                 | Climb to<br>..initially | Expect FREQ               |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| <b>ADAMA 2 B</b><br>Adama two bravo<br>departure | Climb on track 159° to WW402 - WW404 -<br>WW162 - WW390 - ADAMA | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/<br>NM) until passing 2000 FT MSL,<br>thereafter 3,3% (205 FT/ NM).<br><br>RF required |            |                   |             |       |                             |                                                                      |
| Contact WIEN RADAR when advised by Tower         |                                                                 |                         |                           |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| Coding Table of ADAMA 2 B                        |                                                                 |                         |                           |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| Path<br>Terminator                               | Waypoint                                                        |                         |                           | Course/<br>Track<br>° MAG<br>(° True)                                                                                       | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks                                                              |
|                                                  | Identifier                                                      | Flyover                 | Coordinates               |                                                                                                                             |            |                   | Level       | Speed |                             |                                                                      |
| CF                                               | WW402                                                           | no                      | N480402.48<br>E0163601.15 | 159°<br>(164.2°)                                                                                                            |            |                   | A1000+      |       | RNP 1                       |                                                                      |
| RF                                               | WW404                                                           | no                      | N480217.74<br>E0163934.25 |                                                                                                                             | 3.2        | left              |             | K205- | RNP 1                       | ARC Centre: WW418<br>N480441.59<br>E0163927.79<br>ARC Radius: 2.4 NM |
| TF                                               | WW162                                                           | no                      | N480230.33<br>E0165023.55 | 083°<br>(088.3°)                                                                                                            | 7.3        |                   |             |       | RNP 1                       |                                                                      |
| TF                                               | WW390                                                           | no                      | N480040.43<br>E0170211.52 | 098°<br>(103.0°)                                                                                                            | 8.1        | right             |             |       | RNP 1                       |                                                                      |
| TF                                               | ADAMA                                                           | no                      | N475916.00<br>E0172029.00 | 091°<br>(096.4°)                                                                                                            | 12.4       | left              |             |       | RNP 1                       |                                                                      |



| Designator                                         | Route                                                   | After Take-Off          |                           | Remarks                                                                                                                                                                                                    |            |                   |             |       |                             |         |
|----------------------------------------------------|---------------------------------------------------------|-------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                                                    |                                                         | Climb to<br>..initially | Expect FREQ               |                                                                                                                                                                                                            |            |                   |             |       |                             |         |
| <b>ADAMA 1 F</b><br>Adama one foxtrot<br>departure | Climb on track 159° to WW163 - WW162 -<br>WW390 - ADAMA | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/<br>NM) until passing 2000 FT MSL,<br>thereafter 3,3% (205 FT/ NM).<br><br>Restricted to aircraft not equipped for RF<br>path terminator.<br><br>ATC discretion only. |            |                   |             |       |                             |         |
| Contact WIEN RADAR when advised by Tower           |                                                         |                         |                           |                                                                                                                                                                                                            |            |                   |             |       |                             |         |
| Coding Table of ADAMA 1 F                          |                                                         |                         |                           |                                                                                                                                                                                                            |            |                   |             |       |                             |         |
| Path<br>Terminator                                 | Waypoint                                                |                         |                           | Course/<br>Track<br>° MAG<br>(° True)                                                                                                                                                                      | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|                                                    | Identifier                                              | Flyover                 | Coordinates               |                                                                                                                                                                                                            |            |                   | Level       | Speed |                             |         |
| CF                                                 | WW163                                                   | no                      | N480214.33<br>E0163646.75 | 159°<br>(164.2°)                                                                                                                                                                                           |            |                   |             | K205- | RNAV 1                      |         |
| TF                                                 | WW162                                                   | no                      | N480230.33<br>E0165023.55 | 083°<br>(088.2°)                                                                                                                                                                                           | 9.1        | left              |             |       | RNAV 1                      |         |
| TF                                                 | WW390                                                   | no                      | N480040.43<br>E0170211.52 | 098°<br>(103.0°)                                                                                                                                                                                           | 8.1        | right             |             |       | RNAV 1                      |         |
| TF                                                 | ADAMA                                                   | no                      | N475916.00<br>E0172029.00 | 091°<br>(096.4°)                                                                                                                                                                                           | 12.4       | left              |             |       | RNAV 1                      |         |

**STANDARD DEPARTURE ROUTES - INSTRUMENT  
SID's**

**WIEN-SCHWECHAT  
RWY 16**

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SIDs with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                       | Route                                        | After Take-Off          |                           | Remarks                               |            |                   |             |       |                             |         |
|--------------------------------------------------|----------------------------------------------|-------------------------|---------------------------|---------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                                                  |                                              | Climb to<br>..initially | Expect FREQ               |                                       |            |                   |             |       |                             |         |
| <b>ARSIN 1 B</b><br>Arsin one bravo<br>departure | Climb on track 159° to WW268 - WW403 - ARSIN | 5000 FT MSL             | WIEN RADAR<br>134.675 MHZ |                                       |            |                   |             |       |                             |         |
| Contact WIEN RADAR when advised by Tower         |                                              |                         |                           |                                       |            |                   |             |       |                             |         |
| Coding Table of ARSIN 1 B                        |                                              |                         |                           |                                       |            |                   |             |       |                             |         |
| Path Terminator                                  | Waypoint                                     |                         |                           | Course/<br>Track<br>° MAG<br>(° True) | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|                                                  | Identifier                                   | Flyover                 | Coordinates               |                                       |            |                   | Level       | Speed |                             |         |
| CF                                               | WW268                                        | no                      | N475913.22<br>E0163803.79 | 159°<br>(164.1°)                      |            |                   |             |       | RNAV 1                      |         |
| TF                                               | WW403                                        | no                      | N474525.71<br>E0163712.17 | 177°<br>(182.4°)                      | 13.8       | right             |             |       | RNAV 1                      |         |
| TF                                               | ARSIN                                        | no                      | N473401.96<br>E0164513.48 | 150°<br>(154.5°)                      | 12.6       | left              |             |       | RNAV 1                      |         |

| Designator                                    | Route                                                                                | After Take-Off          |                           | Remarks                                                                                                               |            |                   |             |       |                             |                                                                      |
|-----------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------|-------|-----------------------------|----------------------------------------------------------------------|
|                                               |                                                                                      | Climb to<br>..initially | Expect FREQ               |                                                                                                                       |            |                   |             |       |                             |                                                                      |
| <b>BUWUT 2 B</b><br>Buwut two bravo departure | Climb on track 159° to WW407 - WW408 - WW160 - WW468 - WW470 - WW471 - WW472 - BUWUT | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/ NM) until passing 2000 FT MSL, thereafter 3,3% (205 FT/ NM).<br><br>RF required |            |                   |             |       |                             |                                                                      |
| Contact WIEN RADAR when advised by Tower      |                                                                                      |                         |                           |                                                                                                                       |            |                   |             |       |                             |                                                                      |
| Coding Table of BUWUT 2 B                     |                                                                                      |                         |                           |                                                                                                                       |            |                   |             |       |                             |                                                                      |
| Path Terminator                               | Waypoint                                                                             |                         |                           | Course/<br>Track<br>° MAG<br>(° True)                                                                                 | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks                                                              |
|                                               | Identifier                                                                           | Flyover                 | Coordinates               |                                                                                                                       |            |                   | Level       | Speed |                             |                                                                      |
| CF                                            | WW407                                                                                | no                      | N480410.86<br>E0163557.63 | 159°<br>(164.2°)                                                                                                      |            |                   | A1000+      |       | RNP 1                       |                                                                      |
| RF                                            | WW408                                                                                | no                      | N480326.35<br>E0164106.76 |                                                                                                                       | 4.3        | left              |             | K205- | RNP 1                       | ARC Centre: WW419<br>N480443.52<br>E0163849.81<br>ARC Radius: 2.0 NM |
| TF                                            | WW160                                                                                | no                      | N480912.45<br>E0164733.07 | 032°<br>(036.7°)                                                                                                      | 7.2        |                   |             |       | RNP 1                       |                                                                      |
| TF                                            | WW468                                                                                | no                      | N482033.00<br>E0164434.00 | 345°<br>(350.1°)                                                                                                      | 11.5       |                   |             |       | RNP 1                       |                                                                      |
| TF                                            | WW470                                                                                | no                      | N482633.00<br>E0163953.00 | 328°<br>(332.6°)                                                                                                      | 6.8        | left              |             |       | RNP 1                       |                                                                      |
| TF                                            | WW471                                                                                | no                      | N483424.00<br>E0160756.00 | 285°<br>(290.5°)                                                                                                      | 22.7       | left              |             |       | RNP 1                       |                                                                      |
| TF                                            | WW472                                                                                | no                      | N484331.03<br>E0153553.83 | 289°<br>(293.4°)                                                                                                      | 23.1       |                   |             |       | RNP 1                       |                                                                      |
| TF                                            | BUWUT                                                                                | no                      | N484818.27<br>E0151847.01 | 288°<br>(293.0°)                                                                                                      | 12.3       |                   |             |       | RNP 1                       |                                                                      |

**STANDARD DEPARTURE ROUTES - INSTRUMENT  
SID's**

**WIEN-SCHWECHAT  
RWY 16**

Calculation of the SID's is based on all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SIDs with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                      | Route                                                                        | After Take-Off          |                           | Remarks                                                                                                                                                                                           |            |                   |             |       |                             |         |
|-------------------------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                                                 |                                                                              | Climb to<br>..initially | Expect FREQ               |                                                                                                                                                                                                   |            |                   |             |       |                             |         |
| <b>BUWUT 1 F</b><br>Buwut one foxtrot departure | Climb on track 159° to WW267 - WW160 - WW468 - WW470 - WW471 - WW472 - BUWUT | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/ NM) until passing 2000 FT MSL, thereafter 3,3% (205 FT/ NM).<br><br>Restricted to aircraft not equipped for RF path terminator.<br><br>ATC discretion only. |            |                   |             |       |                             |         |
| Contact WIEN RADAR when advised by Tower        |                                                                              |                         |                           |                                                                                                                                                                                                   |            |                   |             |       |                             |         |
| Coding Table of BUWUT 1 F                       |                                                                              |                         |                           |                                                                                                                                                                                                   |            |                   |             |       |                             |         |
| Path Terminator                                 | Waypoint                                                                     |                         |                           | Course/<br>Track<br>° MAG<br>(° True)                                                                                                                                                             | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|                                                 | Identifier                                                                   | Flyover                 | Coordinates               |                                                                                                                                                                                                   |            |                   | Level       | Speed |                             |         |
| CF                                              | WW267                                                                        | yes                     | N480400.73<br>E0163600.76 | 159°<br>(164.7°)                                                                                                                                                                                  |            |                   |             | K205- | RNAV 1                      |         |
| DF                                              | WW160                                                                        | no                      | N480912.45<br>E0164733.07 |                                                                                                                                                                                                   |            | left              |             |       | RNAV 1                      |         |
| TF                                              | WW468                                                                        | no                      | N482033.00<br>E0164434.00 | 345°<br>(350.1°)                                                                                                                                                                                  | 11.5       |                   |             |       | RNAV 1                      |         |
| TF                                              | WW470                                                                        | no                      | N482633.00<br>E0163953.00 | 328°<br>(332.6°)                                                                                                                                                                                  | 6.8        | left              |             |       | RNAV 1                      |         |
| TF                                              | WW471                                                                        | no                      | N483424.00<br>E0160756.00 | 285°<br>(290.5°)                                                                                                                                                                                  | 22.7       | left              |             |       | RNAV 1                      |         |
| TF                                              | WW472                                                                        | no                      | N484331.03<br>E0153553.83 | 289°<br>(293.4°)                                                                                                                                                                                  | 23.1       |                   |             |       | RNAV 1                      |         |
| TF                                              | BUWUT                                                                        | no                      | N484818.27<br>E0151847.01 | 288°<br>(293.0°)                                                                                                                                                                                  | 12.3       |                   |             |       | RNAV 1                      |         |

| Designator                                | Route                                                   | After Take-Off          |                           | Remarks                                                                                                                     |            |                   |             |       |                             |                                                                      |
|-------------------------------------------|---------------------------------------------------------|-------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------|-------|-----------------------------|----------------------------------------------------------------------|
|                                           |                                                         | Climb to<br>..initially | Expect FREQ               |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| KOXER 2 B<br>Koxer two bravo<br>departure | Climb on track 159° to WW402 - WW404 -<br>WW162 - KOXER | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/<br>NM) until passing 2000 FT MSL,<br>thereafter 3,3% (205 FT/ NM).<br><br>RF required |            |                   |             |       |                             |                                                                      |
| Contact WIEN RADAR when advised by Tower  |                                                         |                         |                           |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| Coding Table of KOXER 2 B                 |                                                         |                         |                           |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| Path<br>Terminator                        | Waypoint                                                |                         |                           | Course/<br>Track<br>° MAG<br>(° True)                                                                                       | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks                                                              |
|                                           | Identifier                                              | Flyover                 | Coordinates               |                                                                                                                             |            |                   | Level       | Speed |                             |                                                                      |
| CF                                        | WW402                                                   | no                      | N480402.48<br>E0163601.15 | 159°<br>(164.2°)                                                                                                            |            |                   | A1000+      |       | RNP 1                       |                                                                      |
| RF                                        | WW404                                                   | no                      | N480217.74<br>E0163934.25 |                                                                                                                             | 3.2        | left              |             | K205- | RNP 1                       | ARC Centre: WW418<br>N480441.59<br>E0163927.79<br>ARC Radius: 2.4 NM |
| TF                                        | WW162                                                   | no                      | N480230.33<br>E0165023.55 | 083°<br>(088.3°)                                                                                                            | 7.3        |                   |             |       | RNP 1                       |                                                                      |
| TF                                        | KOXER                                                   | no                      | N480739.00<br>E0170254.00 | 053°<br>(058.4°)                                                                                                            | 9.8        | left              |             |       | RNP 1                       |                                                                      |

# STANDARD DEPARTURE ROUTES - INSTRUMENT SID's

WIEN-SCHWECHAT  
RWY 16

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SIDs with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued. To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                      | Route                                        | After Take-Off       |                           | Remarks                                                                                                                                                                                           |         |                |             |       |                          |         |
|-------------------------------------------------|----------------------------------------------|----------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|-------------|-------|--------------------------|---------|
|                                                 |                                              | Climb to ..initially | Expect FREQ               |                                                                                                                                                                                                   |         |                |             |       |                          |         |
| <b>KOXER 1 F</b><br>Koxer one foxtrot departure | Climb on track 159° to WW163 - WW162 - KOXER | 5000 FT MSL          | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/ NM) until passing 2000 FT MSL, thereafter 3,3% (205 FT/ NM).<br><br>Restricted to aircraft not equipped for RF path terminator.<br><br>ATC discretion only. |         |                |             |       |                          |         |
| Contact WIEN RADAR when advised by Tower        |                                              |                      |                           |                                                                                                                                                                                                   |         |                |             |       |                          |         |
| Coding Table of KOXER 1 F                       |                                              |                      |                           |                                                                                                                                                                                                   |         |                |             |       |                          |         |
| Path Terminator                                 | Waypoint                                     |                      |                           | Course/<br>Track ° MAG<br>(° True)                                                                                                                                                                | DIST NM | Turn Direction | Constraints |       | Navigation Specification | Remarks |
|                                                 | Identifier                                   | Flyover              | Coordinates               |                                                                                                                                                                                                   |         |                | Level       | Speed |                          |         |
| CF                                              | WW163                                        | no                   | N480214.33<br>E0163646.75 | 159°<br>(164.2°)                                                                                                                                                                                  |         |                |             | K205- | RNAV 1                   |         |
| TF                                              | WW162                                        | no                   | N480230.33<br>E0165023.55 | 083°<br>(088.2°)                                                                                                                                                                                  | 9.1     | left           |             |       | RNAV 1                   |         |
| TF                                              | KOXER                                        | no                   | N480739.00<br>E0170254.00 | 053°<br>(058.4°)                                                                                                                                                                                  | 9.8     | left           |             |       | RNAV 1                   |         |

| Designator                                       | Route                                                                              | After Take-Off          |                           | Remarks                                                                                                                     |            |                   |             |       |                             |                                                                      |
|--------------------------------------------------|------------------------------------------------------------------------------------|-------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------|-------|-----------------------------|----------------------------------------------------------------------|
|                                                  |                                                                                    | Climb to<br>..initially | Expect FREQ               |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| <b>LANUX 6 B</b><br>Lanux six bravo<br>departure | Climb on track 159° to WW407 - WW408 -<br>WW160 - WW468 - WW470 - WW471 -<br>LANUX | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/<br>NM) until passing 2000 FT MSL,<br>thereafter 3,3% (205 FT/ NM).<br><br>RF required |            |                   |             |       |                             |                                                                      |
| Contact WIEN RADAR when advised by Tower         |                                                                                    |                         |                           |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| Coding Table of LANUX 6 B                        |                                                                                    |                         |                           |                                                                                                                             |            |                   |             |       |                             |                                                                      |
| Path<br>Terminator                               | Waypoint                                                                           |                         |                           | Course/<br>Track<br>° MAG<br>(° True)                                                                                       | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks                                                              |
|                                                  | Identifier                                                                         | Flyover                 | Coordinates               |                                                                                                                             |            |                   | Level       | Speed |                             |                                                                      |
| CF                                               | WW407                                                                              | no                      | N480410.86<br>E0163557.63 | 159°<br>(164.2°)                                                                                                            |            |                   | A1000+      |       | RNP 1                       |                                                                      |
| RF                                               | WW408                                                                              | no                      | N480326.35<br>E0164106.76 |                                                                                                                             | 4.3        | left              |             | K205- | RNP 1                       | ARC Centre: WW419<br>N480443.52<br>E0163849.81<br>ARC Radius: 2.0 NM |
| TF                                               | WW160                                                                              | no                      | N480912.45<br>E0164733.07 | 032°<br>(036.7°)                                                                                                            | 7.2        |                   |             |       | RNP 1                       |                                                                      |
| TF                                               | WW468                                                                              | no                      | N482033.00<br>E0164434.00 | 345°<br>(350.1°)                                                                                                            | 11.5       |                   |             |       | RNP 1                       |                                                                      |
| TF                                               | WW470                                                                              | no                      | N482633.00<br>E0163953.00 | 328°<br>(332.6°)                                                                                                            | 6.8        | left              |             |       | RNP 1                       |                                                                      |
| TF                                               | WW471                                                                              | no                      | N483424.00<br>E0160756.00 | 285°<br>(290.5°)                                                                                                            | 22.7       | left              |             |       | RNP 1                       |                                                                      |
| TF                                               | LANUX                                                                              | no                      | N485317.18<br>E0153656.84 | 308°<br>(312.9°)                                                                                                            | 27.9       | right             |             |       | RNP 1                       |                                                                      |

# STANDARD DEPARTURE ROUTES - INSTRUMENT SID's

WIEN-SCHWECHAT  
RWY 16

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SIDs with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued. To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                      | Route                                                                | After Take-Off          |                           | Remarks                                                                                                                                                                                           |            |                   |             |       |                             |         |
|-------------------------------------------------|----------------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                                                 |                                                                      | Climb to<br>..initially | Expect FREQ               |                                                                                                                                                                                                   |            |                   |             |       |                             |         |
| <b>LANUX 1 F</b><br>Lanux one foxtrot departure | Climb on track 159° to WW267 - WW160 - WW468 - WW470 - WW471 - LANUX | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/ NM) until passing 2000 FT MSL, thereafter 3,3% (205 FT/ NM).<br><br>Restricted to aircraft not equipped for RF path terminator.<br><br>ATC discretion only. |            |                   |             |       |                             |         |
| Contact WIEN RADAR when advised by Tower        |                                                                      |                         |                           |                                                                                                                                                                                                   |            |                   |             |       |                             |         |
| Coding Table of LANUX 1 F                       |                                                                      |                         |                           |                                                                                                                                                                                                   |            |                   |             |       |                             |         |
| Path Terminator                                 | Waypoint                                                             |                         |                           | Course/<br>Track<br>° MAG<br>(° True)                                                                                                                                                             | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|                                                 | Identifier                                                           | Flyover                 | Coordinates               |                                                                                                                                                                                                   |            |                   | Level       | Speed |                             |         |
| CF                                              | WW267                                                                | yes                     | N480400.73<br>E0163600.76 | 159°<br>(164.7°)                                                                                                                                                                                  |            |                   |             | K205- | RNAV 1                      |         |
| DF                                              | WW160                                                                | no                      | N480912.45<br>E0164733.07 |                                                                                                                                                                                                   |            | left              |             |       | RNAV 1                      |         |
| TF                                              | WW468                                                                | no                      | N482033.00<br>E0164434.00 | 345°<br>(350.1°)                                                                                                                                                                                  | 11.5       |                   |             |       | RNAV 1                      |         |
| TF                                              | WW470                                                                | no                      | N482633.00<br>E0163953.00 | 328°<br>(332.6°)                                                                                                                                                                                  | 6.8        | left              |             |       | RNAV 1                      |         |
| TF                                              | WW471                                                                | no                      | N483424.00<br>E0160756.00 | 285°<br>(290.5°)                                                                                                                                                                                  | 22.7       | left              |             |       | RNAV 1                      |         |
| TF                                              | LANUX                                                                | no                      | N485317.18<br>E0153656.84 | 308°<br>(312.9°)                                                                                                                                                                                  | 27.9       | right             |             |       | RNAV 1                      |         |

| Designator                                      | Route                                                                | After Take-Off          |                           | Remarks                                                                                                               |         |                |             |       |                          |                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------|-------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------|---------|----------------|-------------|-------|--------------------------|----------------------------------------------------------------------|
|                                                 |                                                                      | Climb to<br>..initially | Expect FREQ               |                                                                                                                       |         |                |             |       |                          |                                                                      |
| <b>LEDVA 3 B</b><br>Ledva three bravo departure | Climb on track 159° to WW407 - WW408 - WW160 - WW468 - WW469 - LEDVA | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/ NM) until passing 2000 FT MSL, thereafter 3,3% (205 FT/ NM).<br><br>RF required |         |                |             |       |                          |                                                                      |
| Contact WIEN RADAR when advised by Tower        |                                                                      |                         |                           |                                                                                                                       |         |                |             |       |                          |                                                                      |
| Coding Table of LEDVA 3 B                       |                                                                      |                         |                           |                                                                                                                       |         |                |             |       |                          |                                                                      |
| Path Terminator                                 | Waypoint                                                             |                         |                           | Course/<br>Track ° MAG<br>(° True)                                                                                    | DIST NM | Turn Direction | Constraints |       | Navigation Specification | Remarks                                                              |
|                                                 | Identifier                                                           | Flyover                 | Coordinates               |                                                                                                                       |         |                | Level       | Speed |                          |                                                                      |
| CF                                              | WW407                                                                | no                      | N480410.86<br>E0163557.63 | 159°<br>(164.2°)                                                                                                      |         |                | A1000+      |       | RNP 1                    |                                                                      |
| RF                                              | WW408                                                                | no                      | N480326.35<br>E0164106.76 |                                                                                                                       | 4.3     | left           |             | K205- | RNP 1                    | ARC Centre: WW419<br>N480443.52<br>E0163849.81<br>ARC Radius: 2.0 NM |
| TF                                              | WW160                                                                | no                      | N480912.45<br>E0164733.07 | 032°<br>(036.7°)                                                                                                      | 7.2     |                |             |       | RNP 1                    |                                                                      |
| TF                                              | WW468                                                                | no                      | N482033.00<br>E0164434.00 | 345°<br>(350.1°)                                                                                                      | 11.5    |                |             |       | RNP 1                    |                                                                      |
| TF                                              | WW469                                                                | no                      | N483028.00<br>E0164731.00 | 006°<br>(011.2°)                                                                                                      | 10.1    | right          |             |       | RNP 1                    |                                                                      |
| TF                                              | LEDVA                                                                | no                      | N484343.64<br>E0164721.10 | 354°<br>(359.5°)                                                                                                      | 13.3    | left           |             |       | RNP 1                    |                                                                      |

# STANDARD DEPARTURE ROUTES - INSTRUMENT SID's

WIEN-SCHWECHAT  
RWY 16

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SID's with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                      | Route                                                        | After Take-Off          |                           | Remarks                                                                                                                                                                                           |         |                |             |       |                          |         |
|-------------------------------------------------|--------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|-------------|-------|--------------------------|---------|
|                                                 |                                                              | Climb to<br>..initially | Expect FREQ               |                                                                                                                                                                                                   |         |                |             |       |                          |         |
| <b>LEDVA 1 F</b><br>Ledva one foxtrot departure | Climb on track 159° to WW267 - WW160 - WW468 - WW469 - LEDVA | 5000 FT MSL             | WIEN RADAR<br>125.175 MHZ | Climb gradient at least 5,8% (355 FT/ NM) until passing 2000 FT MSL, thereafter 3,3% (205 FT/ NM).<br><br>Restricted to aircraft not equipped for RF path terminator.<br><br>ATC discretion only. |         |                |             |       |                          |         |
| Contact WIEN RADAR when advised by Tower        |                                                              |                         |                           |                                                                                                                                                                                                   |         |                |             |       |                          |         |
| Coding Table of LEDVA 1 F                       |                                                              |                         |                           |                                                                                                                                                                                                   |         |                |             |       |                          |         |
| Path Terminator                                 | Waypoint                                                     |                         |                           | Course/<br>Track ° MAG<br>(° True)                                                                                                                                                                | DIST NM | Turn Direction | Constraints |       | Navigation Specification | Remarks |
|                                                 | Identifier                                                   | Flyover                 | Coordinates               |                                                                                                                                                                                                   |         |                | Level       | Speed |                          |         |
| CF                                              | WW267                                                        | yes                     | N480400.73<br>E0163600.76 | 159°<br>(164.7°)                                                                                                                                                                                  |         |                |             | K205- | RNAV 1                   |         |
| DF                                              | WW160                                                        | no                      | N480912.45<br>E0164733.07 |                                                                                                                                                                                                   |         | left           |             |       | RNAV 1                   |         |
| TF                                              | WW468                                                        | no                      | N482033.00<br>E0164434.00 | 345°<br>(350.1°)                                                                                                                                                                                  | 11.5    |                |             |       | RNAV 1                   |         |
| TF                                              | WW469                                                        | no                      | N483028.00<br>E0164731.00 | 006°<br>(011.2°)                                                                                                                                                                                  | 10.1    | right          |             |       | RNAV 1                   |         |
| TF                                              | LEDVA                                                        | no                      | N484343.64<br>E0164721.10 | 354°<br>(359.5°)                                                                                                                                                                                  | 13.3    | left           |             |       | RNAV 1                   |         |

| Designator                                | Route                                                           | After Take-Off          |                           | Remarks                               |            |                   |             |       |                             |         |
|-------------------------------------------|-----------------------------------------------------------------|-------------------------|---------------------------|---------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                                           |                                                                 | Climb to<br>..initially | Expect FREQ               |                                       |            |                   |             |       |                             |         |
| LUGEM 2 B<br>Lugem two bravo<br>departure | Climb on track 159° to WW269 - WW364 -<br>WW379 - WW381 - LUGEM | 5000 FT MSL             | WIEN RADAR<br>134.675 MHZ |                                       |            |                   |             |       |                             |         |
| Contact WIEN RADAR when advised by Tower  |                                                                 |                         |                           |                                       |            |                   |             |       |                             |         |
| Coding Table of LUGEM 2 B                 |                                                                 |                         |                           |                                       |            |                   |             |       |                             |         |
| Path<br>Terminator                        | Waypoint                                                        |                         |                           | Course/<br>Track<br>° MAG<br>(° True) | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|                                           | Identifier                                                      | Flyover                 | Coordinates               |                                       |            |                   | Level       | Speed |                             |         |
| CF                                        | WW269                                                           | yes                     | N480412.28<br>E0163555.93 | 159°<br>(164.8°)                      |            |                   |             | K205- | RNAV 1                      |         |
| DF                                        | WW364                                                           | no                      | N480132.07<br>E0163252.19 |                                       |            | right             |             |       | RNAV 1                      |         |
| TF                                        | WW379                                                           | no                      | N480133.94<br>E0162210.78 | 265°<br>(270.3°)                      | 7.2        |                   | A3500+      |       | RNAV 1                      |         |
| TF                                        | WW381                                                           | no                      | N480520.88<br>E0155253.74 | 276°<br>(281.1°)                      | 20.0       | right             |             |       | RNAV 1                      |         |
| TF                                        | LUGEM                                                           | no                      | N481020.00<br>E0152332.00 | 280°<br>(284.4°)                      | 20.3       | right             |             |       | RNAV 1                      |         |

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SID's with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                       | Route                                                           | After Take-Off          |                           | Remarks |
|--------------------------------------------------|-----------------------------------------------------------------|-------------------------|---------------------------|---------|
|                                                  |                                                                 | Climb to<br>..initially | Expect FREQ               |         |
| <b>MEDIX 2 B</b><br>Medix two bravo<br>departure | Climb on track 159° to WW269 - WW364 -<br>WW379 - WW382 - MEDIX | 5000 FT MSL             | WIEN RADAR<br>134.675 MHZ |         |

Contact WIEN RADAR when advised by Tower

#### Coding Table of MEDIX 2 B

| Path<br>Terminator | Waypoint   |         |                           | Course/<br>Track<br>° MAG<br>(° True) | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|--------------------|------------|---------|---------------------------|---------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                    | Identifier | Flyover | Coordinates               |                                       |            |                   | Level       | Speed |                             |         |
| CF                 | WW269      | yes     | N480412.28<br>E0163555.93 | 159°<br>(164.8°)                      |            |                   |             | K205- | RNAV 1                      |         |
| DF                 | WW364      | no      | N480132.07<br>E0163252.19 |                                       |            | right             |             |       | RNAV 1                      |         |
| TF                 | WW379      | no      | N480133.94<br>E0162210.78 | 265°<br>(270.3°)                      | 7.2        |                   | A3500+      |       | RNAV 1                      |         |
| TF                 | WW382      | no      | N480855.59<br>E0155532.87 | 288°<br>(292.6°)                      | 19.3       | right             |             |       | RNAV 1                      |         |
| TF                 | MEDIX      | no      | N481739.00<br>E0152431.00 | 288°<br>(293.0°)                      | 22.5       |                   |             |       | RNAV 1                      |         |

| Designator                                        | Route                                                   | After Take-Off          |                           | Remarks |
|---------------------------------------------------|---------------------------------------------------------|-------------------------|---------------------------|---------|
|                                                   |                                                         | Climb to<br>..initially | Expect FREQ               |         |
| <b>OSPEN 5 B</b><br>Ospen five bravo<br>departure | Climb on track 159° to WW269 - WW384 -<br>WW172 - OSPEN | 5000 FT MSL             | WIEN RADAR<br>134.675 MHZ |         |

Contact WIEN RADAR when advised by Tower

#### Coding Table of OSPEN 5 B

| Path<br>Terminator | Waypoint   |         |                           | Course/<br>Track<br>° MAG<br>(° True) | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|--------------------|------------|---------|---------------------------|---------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                    | Identifier | Flyover | Coordinates               |                                       |            |                   | Level       | Speed |                             |         |
| CF                 | WW269      | yes     | N480412.28<br>E0163555.93 | 159°<br>(164.8°)                      |            |                   |             | K205- | RNAV 1                      |         |
| DF                 | WW384      | no      | N475736.82<br>E0162649.34 |                                       |            | right             |             |       | RNAV 1                      |         |
| TF                 | WW172      | no      | N475219.93<br>E0155744.67 | 250°<br>(255.1°)                      | 20.3       | right             |             |       | RNAV 1                      |         |
| TF                 | OSPEN      | no      | N472907.05<br>E0153138.71 | 213°<br>(217.4°)                      | 29.2       | left              |             |       | RNAV 1                      |         |

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SIDs with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                    | Route                                                | After Take-Off       |                           | Remarks                         |         |                |             |       |                          |         |
|-----------------------------------------------|------------------------------------------------------|----------------------|---------------------------|---------------------------------|---------|----------------|-------------|-------|--------------------------|---------|
|                                               |                                                      | Climb to ..initially | Expect FREQ               |                                 |         |                |             |       |                          |         |
| <b>RUPET 2 B</b><br>Rupet two bravo departure | Climb on track 159° to WW269 - WW384 - WW172 - RUPET | 5000 FT MSL          | WIEN RADAR 134.675 MHZ    |                                 |         |                |             |       |                          |         |
| Contact WIEN RADAR when advised by Tower      |                                                      |                      |                           |                                 |         |                |             |       |                          |         |
| Coding Table of RUPET 2 B                     |                                                      |                      |                           |                                 |         |                |             |       |                          |         |
| Path Terminator                               | Waypoint                                             |                      |                           | Course/<br>Track ° MAG (° True) | DIST NM | Turn Direction | Constraints |       | Navigation Specification | Remarks |
|                                               | Identifier                                           | Flyover              | Coordinates               |                                 |         |                | Level       | Speed |                          |         |
| CF                                            | WW269                                                | yes                  | N480412.28<br>E0163555.93 | 159°<br>(164.8°)                |         |                |             | K205- | RNAV 1                   |         |
| DF                                            | WW384                                                | no                   | N475736.82<br>E0162649.34 |                                 |         | right          |             |       | RNAV 1                   |         |
| TF                                            | WW172                                                | no                   | N475219.93<br>E0155744.67 | 250°<br>(255.1°)                | 20.3    | right          |             |       | RNAV 1                   |         |
| TF                                            | RUPET                                                | no                   | N472755.00<br>E0154357.00 | 196°<br>(201.0°)                | 26.1    | left           |             |       | RNAV 1                   |         |

| Designator                                    | Route                                                | After Take-Off       |                           | Remarks                            |         |                |             |       |                          |         |
|-----------------------------------------------|------------------------------------------------------|----------------------|---------------------------|------------------------------------|---------|----------------|-------------|-------|--------------------------|---------|
|                                               |                                                      | Climb to ..initially | Expect FREQ               |                                    |         |                |             |       |                          |         |
| <b>SOVIL 2 B</b><br>Sovil two bravo departure | Climb on track 159° to WW269 - WW377 - WW380 - SOVIL | 5000 FT MSL          | WIEN RADAR 134.675 MHZ    |                                    |         |                |             |       |                          |         |
| Contact WIEN RADAR when advised by Tower      |                                                      |                      |                           |                                    |         |                |             |       |                          |         |
| Coding Table of SOVIL 2 B                     |                                                      |                      |                           |                                    |         |                |             |       |                          |         |
| Path Terminator                               | Waypoint                                             |                      |                           | Course/<br>Track ° MAG<br>(° True) | DIST NM | Turn Direction | Constraints |       | Navigation Specification | Remarks |
|                                               | Identifier                                           | Flyover              | Coordinates               |                                    |         |                | Level       | Speed |                          |         |
| CF                                            | WW269                                                | yes                  | N480412.28<br>E0163555.93 | 159°<br>(164.8°)                   |         |                |             | K205- | RNAV 1                   |         |
| DF                                            | WW377                                                | no                   | N475841.22<br>E0162640.61 |                                    |         | right          | A3500+      |       | RNAV 1                   |         |
| TF                                            | WW380                                                | no                   | N475925.76<br>E0160734.60 | 269°<br>(273.4°)                   | 12.8    |                |             |       | RNAV 1                   |         |
| TF                                            | SOVIL                                                | no                   | N480247.00<br>E0152232.00 | 272°<br>(276.6°)                   | 30.4    | right          |             |       | RNAV 1                   |         |

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 3.3% (205 FT/NM). During initial turn: 1) MAX IAS see respective SID description, 2) bank angle at least 20° (not applicable for SIDs with RF turn) - thereafter MAX IAS 250 KT up to 10000 FT MSL. Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued. To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 2400 FT.

| Designator                                        | Route                                           | After Take-Off          |                           | Remarks |
|---------------------------------------------------|-------------------------------------------------|-------------------------|---------------------------|---------|
|                                                   |                                                 | Climb to<br>..initially | Expect FREQ               |         |
| <b>STEIN 4 B</b><br>Stein four bravo<br>departure | Climb on track 159° to WW268 - WW403 -<br>STEIN | 5000 FT MSL             | WIEN RADAR<br>134.675 MHZ |         |

Contact WIEN RADAR when advised by Tower

**Coding Table of STEIN 4 B**

| Path<br>Terminator | Waypoint   |         |                           | Course/<br>Track<br>° MAG<br>(° True) | DIST<br>NM | Turn<br>Direction | Constraints |       | Navigation<br>Specification | Remarks |
|--------------------|------------|---------|---------------------------|---------------------------------------|------------|-------------------|-------------|-------|-----------------------------|---------|
|                    | Identifier | Flyover | Coordinates               |                                       |            |                   | Level       | Speed |                             |         |
| CF                 | WW268      | no      | N475913.22<br>E0163803.79 | 159°<br>(164.1°)                      |            |                   |             |       | RNAV 1                      |         |
| TF                 | WW403      | no      | N474525.71<br>E0163712.17 | 177°<br>(182.4°)                      | 13.8       | right             |             |       | RNAV 1                      |         |
| TF                 | STEIN      | no      | N472539.41<br>E0163558.95 | 177°<br>(182.4°)                      | 19.8       |                   |             |       | RNAV 1                      |         |

