

FRANKFURT MAIN  
RWY 07C  
X-RAY

STANDARD DEPARTURE  
ROUTES - INSTRUMENT (SID)  
RNP (GPS)

| Designator                  | Route                                                                                                                                                                                   |                              |          | After Take-Off              |               |                                                                                                                                                                                            |                              | Remarks Text Page    |                                |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------|-----------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|--------------------------------|-----------------------------------------------------------------------------|
|                             |                                                                                                                                                                                         |                              |          | Climb to                    |               | Contact                                                                                                                                                                                    |                              |                      |                                |                                                                             |
| CINDY 1X                    | CINDY ONE XRAY<br>To DF967 on course 068°, RT with 2.30 NM radius to DF966, maximum speed 220 kts, LT with 3.90 NM radius to DF964, maximum speed 250 kts, to DF153, to AMTIX, to CINDY |                              |          | 4000 ft                     |               | LANGEN RADAR<br>136.130*<br>Contact Langen Radar when advised by Tower!<br><br>(Departure frequency may deviate from the frequency published. Check ATIS for current departure frequency.) |                              |                      |                                |                                                                             |
| Recommended Path Terminator | Waypoint Identifier                                                                                                                                                                     | Coordinates                  | Fly Over | (True Track°)<br>Mag Track° | Distance (NM) | Turn Direction                                                                                                                                                                             | Altitude (ft) / Flight Level | Speed Limit (kt IAS) | NAV-Specification              | Remarks                                                                     |
| CF                          | DF967                                                                                                                                                                                   | N 50 04 16.11 E 008 41 46.05 | -        | (T069.6) 068                | 4.5           | -                                                                                                                                                                                          | -                            | -                    | RNP-1/A-RNP<br>RF-Leg required | -                                                                           |
| RF                          | DF966                                                                                                                                                                                   | N 50 00 38.98 E 008 45 45.20 | -        | -                           | 6.0           | R                                                                                                                                                                                          | -                            | 220-                 |                                | ARC Centre: DF965<br>N 50 02 06.78<br>E 008 43 00.22<br>ARC Radius: 2.30 NM |
| RF                          | DF964                                                                                                                                                                                   | N 49 59 04.15 E 008 44 31.80 | -        | -                           | 1.8           | L                                                                                                                                                                                          | -                            | 250-                 |                                | ARC Centre: DF963<br>N 49 58 09.79<br>E 008 50 24.36<br>ARC Radius: 3.90 NM |
| TF                          | DF153                                                                                                                                                                                   | N 49 50 28.89 E 008 41 25.87 | -        | (T193.1) 191                | 8.8           | -                                                                                                                                                                                          | -                            | -                    |                                | -                                                                           |
| TF                          | AMTIX                                                                                                                                                                                   | N 49 45 43.59 E 009 05 29.55 | -        | (T106.8) 105                | 16.3          | -                                                                                                                                                                                          | -                            | -                    |                                | -                                                                           |
| TF                          | CINDY                                                                                                                                                                                   | N 49 44 48.46 E 009 11 15.15 | -        | (T103.8) 102                | 3.9           | -                                                                                                                                                                                          | -                            | -                    |                                | -                                                                           |

| Designator                  | Route                                                                                                                                                                         |                              |          | After Take-Off              |               |                                                                                                                                                                                            |                              | Remarks Text Page    |                                |                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------|-----------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|--------------------------------|-----------------------------------------------------------------------------|
|                             |                                                                                                                                                                               |                              |          | Climb to                    |               | Contact                                                                                                                                                                                    |                              |                      |                                |                                                                             |
| ANEKI 1X                    | ANEKI ONE XRAY<br>To DF967 on course 068°, RT with 2.30 NM radius to DF966, maximum speed 220 kts, LT with 3.90 NM radius to DF964, maximum speed 250 kts, to DF157, to ANEKI |                              |          | 4000 ft                     |               | LANGEN RADAR<br>136.130°<br>Contact Langen Radar when advised by Tower!<br><br>(Departure frequency may deviate from the frequency published. Check ATIS for current departure frequency.) |                              |                      |                                |                                                                             |
| Recommended Path Terminator | Waypoint Identifier                                                                                                                                                           | Coordinates                  | Fly Over | (True Track°)<br>Mag Track° | Distance (NM) | Turn Direction                                                                                                                                                                             | Altitude (ft) / Flight Level | Speed Limit (kt IAS) | NAV-Specification              | Remarks                                                                     |
| CF                          | DF967                                                                                                                                                                         | N 50 04 16.11 E 008 41 46.05 | -        | (T069.6) 068                | 4.5           | -                                                                                                                                                                                          | -                            | -                    | RNP-1/A-RNP<br>RF-Leg required | -                                                                           |
| RF                          | DF966                                                                                                                                                                         | N 50 00 38.98 E 008 45 45.20 | -        | -                           | 6.0           | R                                                                                                                                                                                          | -                            | 220-                 |                                | ARC Centre: DF965<br>N 50 02 06.78<br>E 008 43 00.22<br>ARC Radius: 2.30 NM |
| RF                          | DF964                                                                                                                                                                         | N 49 59 04.15 E 008 44 31.80 | -        | -                           | 1.8           | L                                                                                                                                                                                          | -                            | 250-                 |                                | ARC Centre: DF963<br>N 49 58 09.79<br>E 008 50 24.36<br>ARC Radius: 3.90 NM |
| TF                          | DF157                                                                                                                                                                         | N 49 47 27.96 E 008 40 20.26 | -        | (T193.2) 191                | 11.9          | -                                                                                                                                                                                          | -                            | -                    |                                | -                                                                           |
| TF                          | ANEKI                                                                                                                                                                         | N 49 19 02.18 E 008 28 49.54 | -        | (T194.8) 193                | 29.4          | -                                                                                                                                                                                          | -                            | -                    |                                | -                                                                           |