

FRANKFURT MAIN

STANDARD INSTRUMENT ARRIVAL ROUTES

RNAV (GPS, DME/DME, DME/DME/IRU) RWY 25L/25C/25R

(STAR)

| Designator       |                 | RASVO 1A            |                              |          |                            |               |                |                            |                      |                         |                   |             |  |
|------------------|-----------------|---------------------|------------------------------|----------|----------------------------|---------------|----------------|----------------------------|----------------------|-------------------------|-------------------|-------------|--|
|                  |                 | RASVO ONE ALPHA     |                              |          |                            |               |                |                            |                      |                         |                   |             |  |
| Procedure Remark |                 |                     |                              |          |                            |               |                |                            |                      |                         |                   |             |  |
| Route Type       | Path Terminator | Waypoint Identifier | Coordinates                  | Fly-over | (True Track) MAG Track (°) | Distance (NM) | Turn Direction | Altitude (ft) Flight Level | Speed Limit (kt IAS) | Vertical Path Angle (°) | NAV Specification | Remark      |  |
| Common           | IF              | RASVO               | N 50 26 17.00 E 006 47 42.00 | N        | -                          | -             | -              | FL110+                     | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | PIPEP               | N 50 27 20.00 E 007 02 26.00 | N        | (T083.5) 080               | 9.5           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | UNOKO               | N 50 27 17.00 E 007 13 38.00 | N        | (T090.3) 087               | 7.2           | -              | FL110+                     | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | IBVIL               | N 50 26 04.00 E 007 22 09.00 | N        | (T102.6) 099               | 5.6           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | MANUV               | N 50 17 44.00 E 007 27 32.00 | N        | (T157.5) 154               | 9.0           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | RAMOB               | N 50 06 41.00 E 007 41 02.00 | N        | (T141.8) 138               | 14.1          | -              | FL130-FL110+               | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF401               | N 49 59 35.51 E 007 56 57.90 | N        | (T124.6) 121               | 12.5          | -              | @FL110                     | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF403               | N 50 05 48.13 E 008 22 30.06 | N        | (T069.1) 066               | 17.6          | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF409               | N 50 10 13.28 E 008 40 59.94 | N        | (T069.5) 066               | 12.7          | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF410               | N 50 11 33.83 E 008 46 39.57 | N        | (T069.7) 066               | 3.9           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF411               | N 50 12 56.53 E 008 52 30.83 | N        | (T069.8) 066               | 4.0           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF412               | N 50 14 18.94 E 008 58 22.44 | N        | (T069.9) 067               | 4.0           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF413               | N 50 15 41.04 E 009 04 14.39 | N        | (T070.0) 067               | 4.0           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF414               | N 50 17 02.83 E 009 10 06.68 | N        | (T070.0) 067               | 4.0           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF415               | N 50 18 24.33 E 009 15 59.31 | N        | (T070.1) 067               | 4.0           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Common           | TF              | DF416               | N 50 19 45.52 E 009 21 52.29 | N        | (T070.2) 067               | 4.0           | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
|                  |                 |                     |                              |          |                            |               |                |                            |                      |                         |                   |             |  |
| Runway           | IF              | DF416               | N 50 19 45.52 E 009 21 52.29 | N        | -                          | -             | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Runway           | FM              | DF416               | N 50 19 45.52 E 009 21 52.29 | N        | (T070.2) 067               | -             | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Runway           | CF              | DF426               | N 50 15 03.04 E 009 24 30.17 | N        | (T250.3) 247               | -             | -              | -                          | -                    | -                       | RNAV 1            | IAF RWY 25R |  |
|                  |                 |                     |                              |          |                            |               |                |                            |                      |                         |                   |             |  |
| Runway           | IF              | DF416               | N 50 19 45.52 E 009 21 52.29 | N        | -                          | -             | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Runway           | FM              | DF416               | N 50 19 45.52 E 009 21 52.29 | N        | (T070.2) 067               | -             | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Runway           | CF              | DF526               | N 50 14 21.68 E 009 24 53.24 | N        | (T250.3) 247               | -             | -              | -                          | -                    | -                       | RNAV 1            | IAF RWY 25C |  |
|                  |                 |                     |                              |          |                            |               |                |                            |                      |                         |                   |             |  |
| Runway           | IF              | DF416               | N 50 19 45.52 E 009 21 52.29 | N        | -                          | -             | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Runway           | FM              | DF416               | N 50 19 45.52 E 009 21 52.29 | N        | (T070.2) 067               | -             | -              | -                          | -                    | -                       | RNAV 1            | -           |  |
| Runway           | CF              | DF626               | N 50 14 04.23 E 009 25 02.97 | N        | (T250.3) 247               | -             | -              | -                          | -                    | -                       | RNAV 1            | IAF RWY 25L |  |