



## CODING TABLE

| SID RNAV KUDRI 3B RWY 28 |                       |          |            |           | MARINGÁ / Sílvio Name Júnior (SBMG) |                             |      |                           |                           |                  |                         | SBMG_SID_00P | 18 JUL 19 |                 |                          |
|--------------------------|-----------------------|----------|------------|-----------|-------------------------------------|-----------------------------|------|---------------------------|---------------------------|------------------|-------------------------|--------------|-----------|-----------------|--------------------------|
| Seq Num                  | Transition Identifier | Fly Over | Rec Navaid | Fix Ident | Path and Terminator                 | Course Angle                | Turn | Upper Limit Altitude (FT) | Lower Limit Altitude (FT) | Speed Limit (KT) | Speed Limit Description | TM DST       | VA (°)    | Role of the Fix | Navigation Specification |
| 10                       | RWY                   | Y        | N/A        | MG124     | CF                                  | 276.40° Mag<br>257.93° True | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 2.99         | 2.29      | OTHER           | RNAV 1 or RNP 1          |
| 20                       | KUDRI                 | N        | N/A        | KUDRI     | TF                                  | 252.14° Mag<br>234.03° True | L    | N/A                       | N/A                       | N/A              | N/A                     | 31.24        | N/A       | OTHER           | RNAV 1 or RNP 1          |

| SID RNAV BERLI 2B RWY 28 |                       |          |            |           | MARINGÁ / Sílvio Name Júnior (SBMG) |                             |      |                           |                           |                  |                         | SBMG_SID_00P | 18 JUL 19 |                 |                          |
|--------------------------|-----------------------|----------|------------|-----------|-------------------------------------|-----------------------------|------|---------------------------|---------------------------|------------------|-------------------------|--------------|-----------|-----------------|--------------------------|
| Seq Num                  | Transition Identifier | Fly Over | Rec Navaid | Fix Ident | Path and Terminator                 | Course Angle                | Turn | Upper Limit Altitude (FT) | Lower Limit Altitude (FT) | Speed Limit (KT) | Speed Limit Description | TM DST       | VA (°)    | Role of the Fix | Navigation Specification |
| 10                       | RWY                   | Y        | N/A        | MG124     | CF                                  | 276.40° Mag<br>257.93° True | N/A  | N/A                       | N/A                       | 220              | -                       | 2.99         | 2.29      | OTHER           | RNAV 1 or RNP 1          |
| 10                       | COMMON                | N/A      | N/A        | MG124     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | 220              | -                       | N/A          | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 20                       | COMMON                | N        | N/A        | BERLI     | TF                                  | 189.69° Mag<br>171.24° True | L    | N/A                       | N/A                       | 220              | -                       | 9.38         | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 10                       | SAPGU                 | N/A      | N/A        | BERLI     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 20                       | SAPGU                 | N        | N/A        | SAPGU     | TF                                  | 228.68° Mag<br>210.46° True | R    | N/A                       | N/A                       | N/A              | N/A                     | 24.91        | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 10                       | SIGAR                 | N/A      | N/A        | BERLI     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 20                       | SIGAR                 | N        | N/A        | SIGAR     | TF                                  | 207.07° Mag<br>188.77° True | R    | N/A                       | N/A                       | N/A              | N/A                     | 24.67        | N/A       | OTHER           | RNAV 1 or RNP 1          |

| SID RNAV ANGEK 2B RWY 28 |                       |          |            |           | MARINGÁ / Sílvio Name Júnior (SBMG) |                             |      |                           |                           |                  |                         | SBMG_SID_00P |        | 18 JUL 19       |                          |
|--------------------------|-----------------------|----------|------------|-----------|-------------------------------------|-----------------------------|------|---------------------------|---------------------------|------------------|-------------------------|--------------|--------|-----------------|--------------------------|
| Seq Num                  | Transition Identifier | Fly Over | Rec Navaid | Fix Ident | Path and Terminator                 | Course Angle                | Turn | Upper Limit Altitude (FT) | Lower Limit Altitude (FT) | Speed Limit (KT) | Speed Limit Description | TM DST       | VA (°) | Role of the Fix | Navigation Specification |
| 10                       | RWY                   | Y        | N/A        | MG124     | CF                                  | 276.40° Mag<br>257.93° True | N/A  | N/A                       | N/A                       | 220              | -                       | 3.00         | 2.29   | OTHER           | RNAV 1 or RNP 1          |
| 10                       | COMMON                | N/A      | N/A        | MG124     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | 220              | -                       | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                       | COMMON                | N        | N/A        | SUBVA     | TF                                  | 6.43° Mag<br>347.94° True   | R    | N/A                       | N/A                       | 220              | -                       | 10.00        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 30                       | COMMON                | N        | N/A        | ANGEK     | TF                                  | 96.57° Mag<br>78.00° True   | R    | N/A                       | N/A                       | 220              | -                       | 7.13         | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 10                       | AKTIT                 | N/A      | N/A        | ANGEK     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                       | AKTIT                 | N        | N/A        | LON       | TF                                  | 111.67° Mag<br>92.59° True  | R    | N/A                       | N/A                       | N/A              | N/A                     | 48.58        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 30                       | AKTIT                 | N        | N/A        | AKTIT     | TF                                  | 82.03° Mag<br>62.52° True   | L    | N/A                       | N/A                       | N/A              | N/A                     | 40.00        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 10                       | JAVAN                 | N/A      | N/A        | ANGEK     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                       | JAVAN                 | N        | N/A        | LON       | TF                                  | 111.67° Mag<br>92.59° True  | R    | N/A                       | N/A                       | N/A              | N/A                     | 48.58        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 30                       | JAVAN                 | N        | N/A        | JAVAN     | TF                                  | 160.37° Mag<br>141.15° True | R    | N/A                       | N/A                       | N/A              | N/A                     | 39.99        | N/A    | OTHER           | RNAV 1 or RNP 1          |

| SID RNAV SUBVA 2A RWY 28 |                       |          |            |           | MARINGÁ / Sílvio Name Júnior (SBMG) |                             |      |                           |                           |                  |                         | SBMG_SID_00P |        | 18 JUL 19       |                          |
|--------------------------|-----------------------|----------|------------|-----------|-------------------------------------|-----------------------------|------|---------------------------|---------------------------|------------------|-------------------------|--------------|--------|-----------------|--------------------------|
| Seq Num                  | Transition Identifier | Fly Over | Rec Navaid | Fix Ident | Path and Terminator                 | Course Angle                | Turn | Upper Limit Altitude (FT) | Lower Limit Altitude (FT) | Speed Limit (KT) | Speed Limit Description | TM DST       | VA (°) | Role of the Fix | Navigation Specification |
| 10                       | RWY                   | Y        | N/A        | MG124     | CF                                  | 276.40° Mag<br>257.93° True | N/A  | N/A                       | N/A                       | 220              | -                       | 2.99         | 2.29   | OTHER           | RNAV 1 or RNP 1          |
| 10                       | COMMON                | N/A      | N/A        | MG124     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | 220              | -                       | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                       | COMMON                | N        | N/A        | SUBVA     | TF                                  | 6.43° Mag<br>347.94° True   | R    | N/A                       | N/A                       | 220              | -                       | 10.00        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 10                       | SINIL                 | N/A      | N/A        | SUBVA     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                       | SINIL                 | N        | N/A        | SINIL     | TF                                  | 351.63° Mag<br>333.27° True | L    | N/A                       | N/A                       | N/A              | N/A                     | 92.58        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 10                       | PAMUS                 | N/A      | N/A        | SUBVA     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                       | PAMUS                 | N        | N/A        | PAMUS     | TF                                  | 54.89° Mag<br>36.05° True   | R    | N/A                       | N/A                       | N/A              | N/A                     | 35.72        | N/A    | OTHER           | RNAV 1 or RNP 1          |

| SID RNAV LODET 2B RWY 28 |                       |          |            |           | MARINGÁ / Sílvio Name Júnior (SBMG) |                             |      |                           |                           |                  |                         | SBMG_SID_00P | 18 JUL 19 |                 |                          |
|--------------------------|-----------------------|----------|------------|-----------|-------------------------------------|-----------------------------|------|---------------------------|---------------------------|------------------|-------------------------|--------------|-----------|-----------------|--------------------------|
| Seq Num                  | Transition Identifier | Fly Over | Rec Navaid | Fix Ident | Path and Terminator                 | Course Angle                | Turn | Upper Limit Altitude (FT) | Lower Limit Altitude (FT) | Speed Limit (KT) | Speed Limit Description | TM DST       | VA (°)    | Role of the Fix | Navigation Specification |
| 10                       | RWY                   | Y        | N/A        | MG124     | CF                                  | 276.40° Mag<br>257.93° True | N/A  | N/A                       | N/A                       | 220              | -                       | 2.99         | 2.29      | OTHER           | RNAV 1 or RNP 1          |
| 10                       | COMMON                | N/A      | N/A        | MG124     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | 220              | -                       | N/A          | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 20                       | COMMON                | N        | N/A        | BERLI     | TF                                  | 189.69° Mag<br>171.24° True | L    | N/A                       | N/A                       | 220              | -                       | 9.38         | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 30                       | COMMON                | N        | N/A        | LODET     | TF                                  | 101.20° Mag<br>82.66° True  | L    | N/A                       | N/A                       | 220              | -                       | 7.70         | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 10                       | JAVAN                 | N/A      | N/A        | LODET     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 20                       | JAVAN                 | N        | N/A        | JAVAN     | TF                                  | 120.38° Mag<br>101.17° True | R    | N/A                       | N/A                       | N/A              | N/A                     | 70.59        | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 10                       | AKTIT                 | N/A      | N/A        | LODET     | IF                                  | N/A                         | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 20                       | AKTIT                 | N        | N/A        | LON       | TF                                  | 87.68° Mag<br>68.60° True   | L    | N/A                       | N/A                       | N/A              | N/A                     | 47.49        | N/A       | OTHER           | RNAV 1 or RNP 1          |
| 30                       | AKTIT                 | N        | N/A        | AKTIT     | TF                                  | 82.03° Mag<br>62.52° True   | L    | N/A                       | N/A                       | N/A              | N/A                     | 40.00        | N/A       | OTHER           | RNAV 1 or RNP 1          |

| Ident | Latitude / Longitude (WGS84)<br>DD:MM:SS.SS |
|-------|---|
| MG124 | S 23:29:18.86W 52:04:46.45                  |
| KUDRI | S 23:47:46.20W 52:32:16.80                  |
| BERLI | S 23:38:37.20W 52:03:13.20                  |
| SAPGU | S 24:00:10.42W 52:16:58.41                  |
| SIGAR | S 24:03:05.00W 52:07:19.00                  |
| LODET | S 23:37:38.24W 51:54:54.16                  |
| JAVAN | S 23:51:39.60W 50:39:29.40                  |
| SUBVA | S 23:19:30.17W 52:07:02.86                  |
| SINIL | S 21:56:35.52W 52:52:11.29                  |
| PAMUS | S 22:50:33.17W 51:44:12.44                  |
| ANGEK | S 23:18:01.12W 51:59:28.39                  |
| AKTIT | S 23:01:55.75W 50:28:11.53                  |
| LON   | S 23:20:22.26W 51:06:45.09                  |

| COD | Meaning        |
|-----|----------------|
| +   | AT OR ABOVE    |
| -   | AT OR BELOW    |
| @   | AT             |
| R   | RECOMMENDED    |
| B   | BETWEEN        |
| =   | AS ASSIGNED    |
| SDF | STEPDOWN FIX   |
| Y   | YES            |
| N   | NO             |
| L   | LEFT           |
| R   | RIGHT          |
| N/A | NOT APPLICABLE |

| DER | Latitude / Longitude (WGS84) DD:MM:SS.SS | Elevation (FT) |
|-----|--|----------------|
| 28  | S 23:28:41.11 W 52:01:35.46              | 1739.37 ft MSL |