

DEPARTURE PROCEDURE  
INSTRUMENT (SID)

SANTO ÂNGELO / Santo Ângelo, (SBNM)  
**RWY 12/30**  
**OMNI**

AD ELEV: 1056'

DEPARTAMENTO DE CONTROLE DO ESPAÇO AÉREO

|          |                    |                                    |                                       |
|----------|--------------------|------------------------------------|---------------------------------------|
| TA 4000' | ATIS<br><b>NIL</b> | AFIS SANTO ÂNGELO<br><b>131.65</b> | ACC CURITIBA<br><b>135.90 123.725</b> |
|----------|--------------------|------------------------------------|---------------------------------------|

| RWY | MNM PDG | PROCEDURE DESCRIPTION  |
|-----|---------|--|
| 12  | ---     | Após decolagem, manter proa 117 até 3000'.<br><i>After Take-off, maintain heading 117 until passing 3000'.</i> |
| 30  | ---     | Após decolagem, manter proa 297 até 3000'.<br><i>After Take-off, maintain heading 297 until passing 3000'.</i> |

Obstáculos próximos não considerados para cálculo do gradiente de subida:

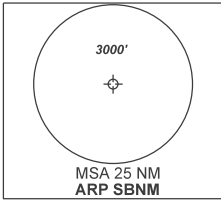
*Close-in obstacles not considered for procedure climb gradient:*

Terreno/Terrain: a partir de/from THR12, AZM089, DIST 252m, ELEV 1112'.

Terreno/Terrain: a partir de/from THR12, AZM082, DIST 263m, ELEV 1099'.

Terreno/Terrain: a partir de/from THR30, AZM278, DIST 346m, ELEV 1115'.

Terreno/Terrain: a partir de/from THR30, AZM282, DIST 617m, ELEV 1118'.

|                   |               |   |
|-------------------|---------------|---|
| VAR: 16° W / 2020 | VA/CHG: 09' W |  |
|-------------------|---------------|---|

RMK: Autorizado somente / *Only authorized* ACFT Cat A, B, C.

| DER RWY | COORD                       | DER ELEV (ft) |
|---------|-----------------------------|---------------|
| 12      | S 28:17:01.94 W 54:09:41.34 | 1042          |
| 30      | S 28:16:52.02 W 54:10:39.90 | 1022          |