

STANDARD DEPARTURE CHART
INSTRUMENT (SID)

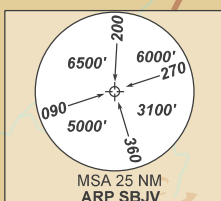
JOINVILLE / Lauro Carneiro de Loyola (SBJV)
RWY 15

AD ELEV: 15'

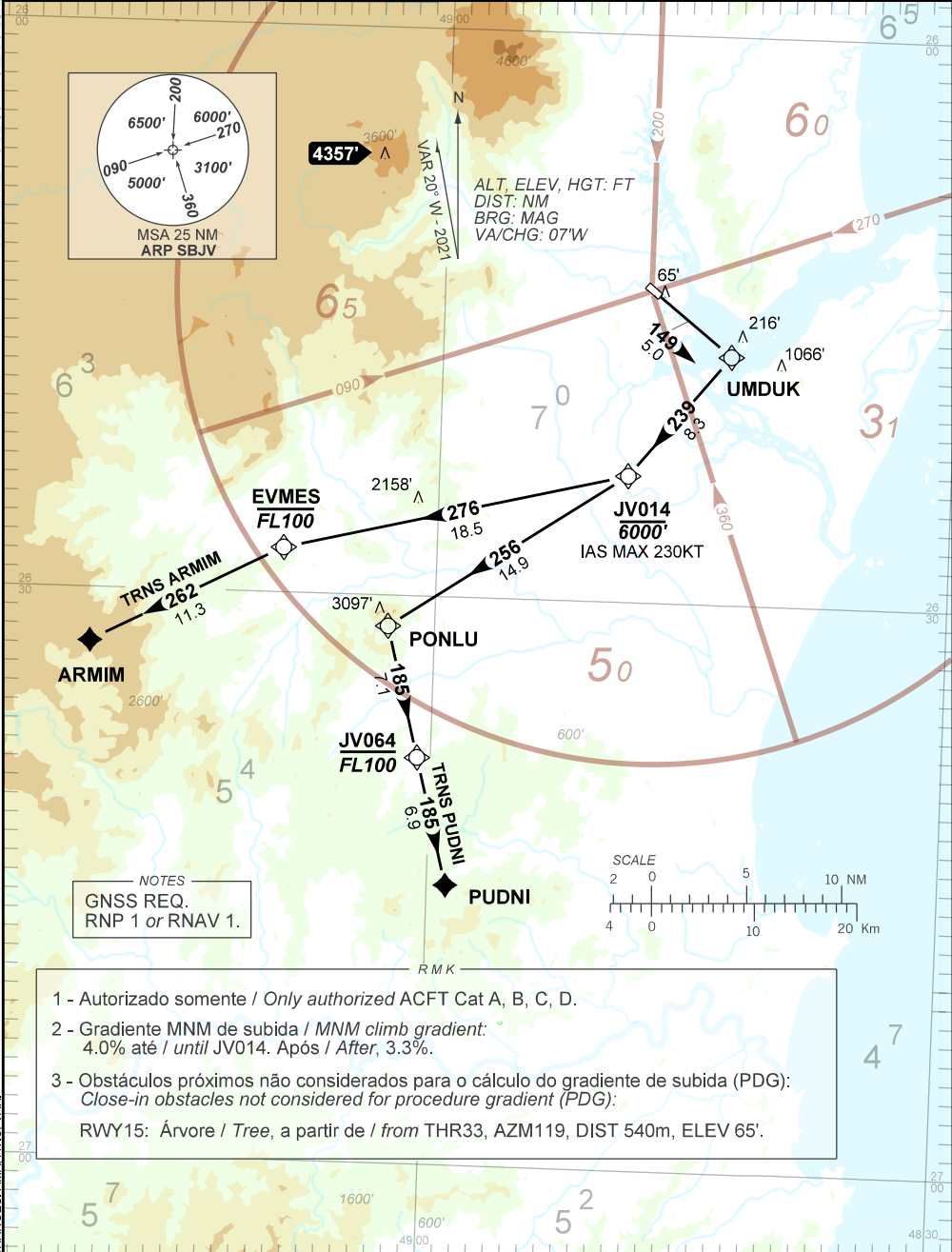
RNAV UMDUK 1E

TA 9000'	ATIS 127.85	TWR JOINVILLE 118.00	APP CURITIBA 119.70 119.95 120.65 120.95 129.55 133.15	ACC CURITIBA 126.10 127.50 128.45 135.85
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DEPARTAMENTO DE CONTROLE DO ESPAÇO AÉREO



ALT, ELEV, HGT: FT
DIST: NM
BRG: MAG
VA/CHG: 07°W



NOTES
GNSS REQ.
RNP 1 or RNAV 1.

- 1 - Autorizado somente / Only authorized ACFT Cat A, B, C, D.
 - 2 - Gradiente MNM de subida / MNM climb gradient: 4.0% até / until JV014. Após / After, 3.3%.
 - 3 - Obstáculos próximos não considerados para o cálculo do gradiente de subida (PDG): Close-in obstacles not considered for procedure gradient (PDG):
- RWY15: Árvore / Tree, a partir de / from THR33, AZM119, DIST 540m, ELEV 65'.

CHANGES: AMA, ATIS, VAR