

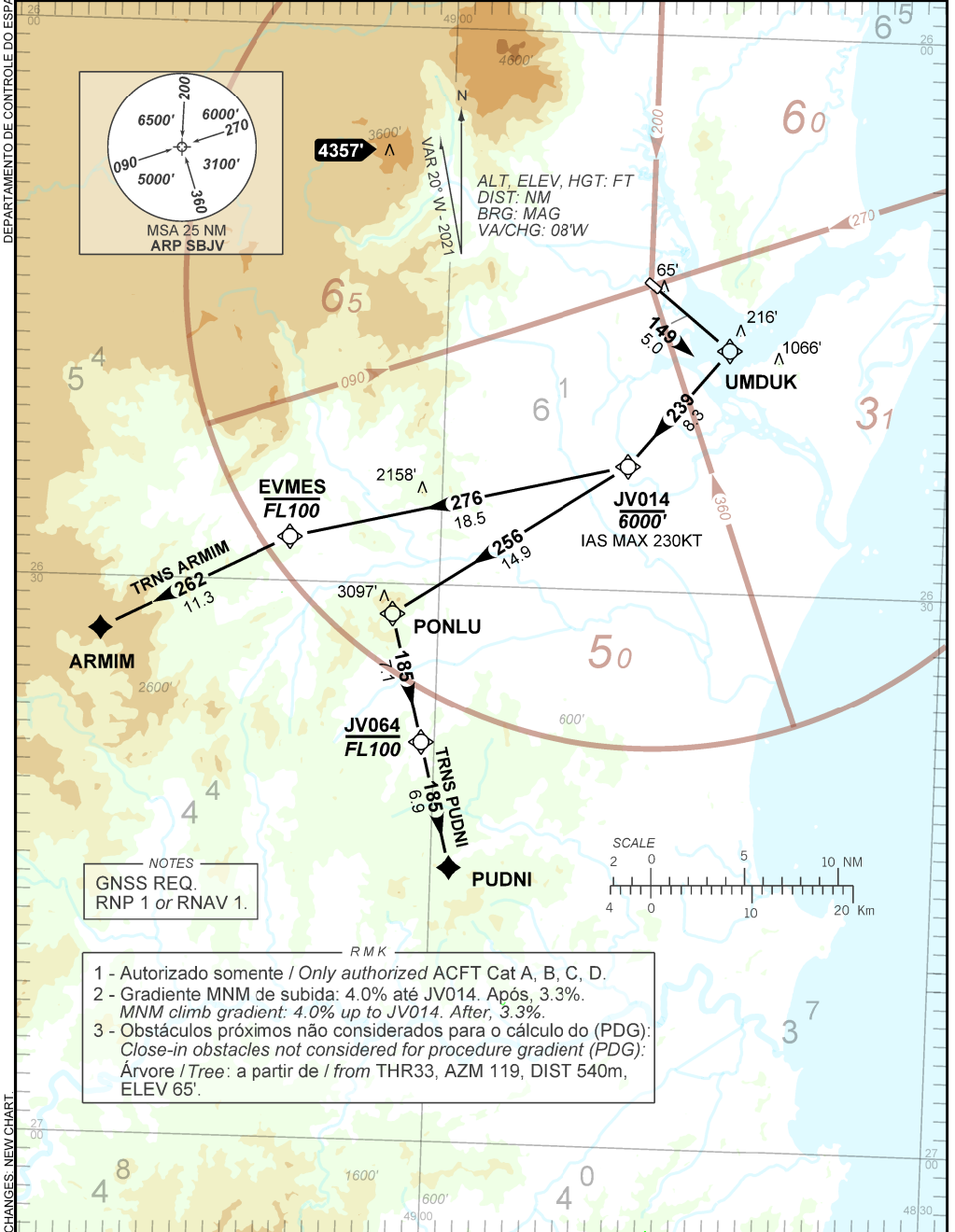
STANDARD DEPARTURE CHART
INSTRUMENT (SID)

JOINVILLE / Lauro Carneiro de Loyola (SBJV)
RWY 15

AD ELEV: 15'

RNAV UMDUK 1E

TA 9000'	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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NOTES
GNSS REQ.
RNP 1 or RNAV 1.

- 1 - Autorizado somente / Only authorized ACFT Cat A, B, C, D.
- 2 - Gradiente MNM de subida: 4.0% até JV014. Após, 3.3%.
MNM climb gradient: 4.0% up to JV014. After, 3.3%.
- 3 - Obstáculos próximos não considerados para o cálculo do (PDG):
Close-in obstacles not considered for procedure gradient (PDG):
Árvore / Tree: a partir de / from THR33, AZM 119, DIST 540m,
ELEV 65'.

CHANGES: NEW CHART