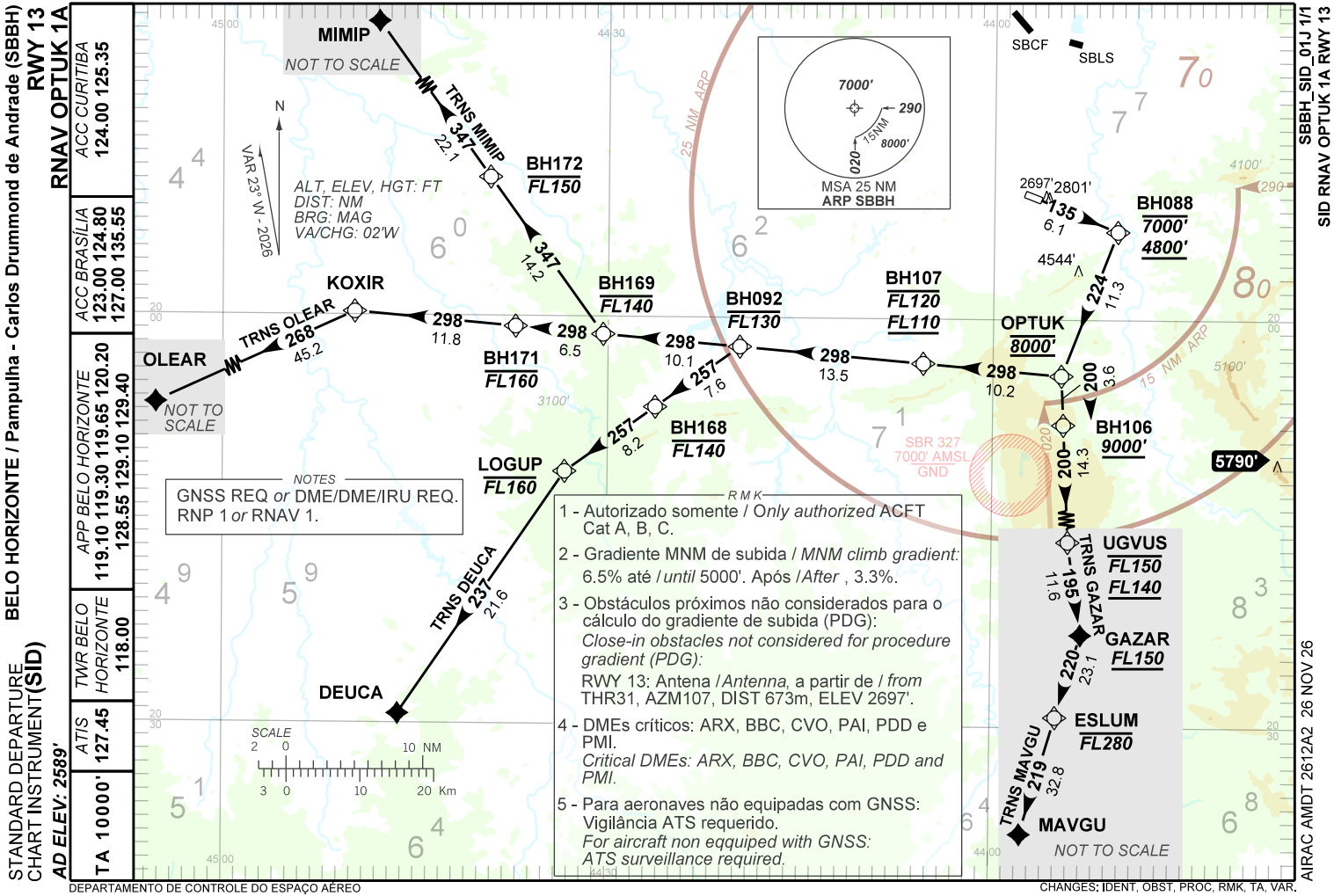
BELO HORIZONTE / Pampulha - Carlos Drummond de Andrade (SBBH)
RWY 13
RNAV OPTUK 1A
STANDARD DEPARTURE CHART INSTRUMENT (SID)
AD ELEV: 2589'
ACC CURITIBA 124.00 125.35
ACC BRASÍLIA 123.00 124.80 127.00 135.55
APP BELO HORIZONTE 119.10 119.30 119.65 120.20 128.55 129.10 129.40
TWR BELO HORIZONTE 118.00
ATIS 127.45
TA 10000'
SBBH_SID_01J 1/1
SID RNAV OPTUK 1A RWY 13
MIMIP
NOT TO SCALE
TRNS MIMIP
347
22.1
BH172
FL150
347
14.2
BH169
FL140
KOXIR
TRNS OLEAR
268
45.2
OLEAR
NOT TO SCALE
298
11.8
BH171
FL160
298
6.5
298
10.1
BH092
FL130
298
13.5
BH107
FL120
FL110
298
10.2
OPTUK
8000'
257
7.6
BH168
FL140
257
8.2
LOGUP
FL160
TRNS DEUCA
237
21.6
DEUCA
N
VAR 23° W - 2026
ALT, ELEV, HGT: FT
DIST: NM
BRG: MAG
VA/CHG: 02'W
7000'
290
15NM
8000'
020
MSA 25 NM
ARP SBBH
25 NM ARP
SBCF
SBLS
2697'
2801'
135
6.7
BH088
7000'
4800'
4544'
224
11.3
200
3.6
15 NM ARP
BH106
9000'
200
14.3
5790'
SBR 327
7000' AMSL
GND
UGVUS
FL150
FL140
195
11.9
TRNS GAZAR
GAZAR
FL150
220
23.1
ESLUM
FL280
TRNS MAVGU
219
32.8
MAVGU
NOT TO SCALE
NOTES
GNSS REQ or DME/DME/IRU REQ.
RNP 1 or RNAV 1.
R M K
1 - Autorizado somente / Only authorized ACFT Cat A, B, C.
2 - Gradiente MNM de subida / MNM climb gradient: 6.5% até / until 5000'. 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):
RWY 13: Antena / Antenna, a partir de / from THR31, AZM107, DIST 673m, ELEV 2697'.
4 - DMEs críticos: ARX, BBC, CVO, PAI, PDD e PMI.
Critical DMEs: ARX, BBC, CVO, PAI, PDD and PMI.
5 - Para aeronaves não equipadas com GNSS: Vigilância ATS requerido.
For aircraft non eqquiped with GNSS: ATS surveillance required.
SCALE
2 0 10 NM
3 0 10 20 Km
DEPARTAMENTO DE CONTROLE DO ESPAÇO AÉREO
AIRAC AMDT 2612A2 26 NOV 26
CHANGES: IDENT, OBST, PROC, RMK, TA, VAR.