CARTA DE ALTITUDE MÍNIMA DE VIGILÂNCIA ATC - ATCSMAC

ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ATCSMAC

SBCF ELEV 2721' SBBH ELEV 2589' SBLS ELEV 2798' TA 10000'

APP BELO HORIZONTE: 119.10 119.30 119.65 120.20 128.55 129.10 129.40

TMA BELO HORIZONTE (SBWH)

DEPARTAMENTO DE CONTROLE DO ESPAÇO AÉREO - BRASIL

CHANGES: ALT MNM, EAC, ELEV, OBST, SECT, TA, VAR.

PROJEÇÃO CÔNICA CONFORME DE LAMBERT PARALELOS PADRÕES S16 00 00.0 e S24 00 00.0

PONTOS ATCSMAC
ATCSMAC POINTS

01	S 19:35:15.29 W 44:46:14.58
02	S 19:07:33.71 W 44:36:40.65
03	S 18:59:54.56 W 44:25:33.26
04	S 18:55:22.21 W 43:34:59.91
05	S 19:39:22.80 W 43:07:01.20
06	S 19:58:27.56 W 43:08:07.27
07	S 20:29:47.87 W 43:27:27.27
08	S 20:33:34.25 W 43:51:59.20
09	S 20:24:46.36 W 44:26:07.78
10	S 19:44:35.41 W 44:07:02.33
11	S 19:49:07.01 W 43:58:38.78
12	S 19:51:27.79 W 43:59:35.21
13	S 19:49:34.47 W 44:09:02.49
14	S 19:27:44.06 W 44:03:53.38
15	S 19:35:27.12 W 43:58:44.48
16	S 19:37:06.30 W 44:00:44.02
17	S 19:31:14.53 W 44:08:07.19
18	S 19:39:00.17 W 43:51:27.41
19	S 19:39:56.47 W 43:41:51.35
20	S 19:45:05.88 W 43:43:17.35
21	S 19:41:25.74 W 43:52:08.01
22	S 19:45:02.77 W 43:47:52.87
23	S 19:48:33.75 W 43:52:06.95
24	S 19:40:50.28 W 43:57:17.00
25	S 19:39:11.06 W 43:55:17.45
26	S 19:40:24.25 W 43:56:13.47
27	S 19:39:27.18 W 44:05:49.48
28	S 19:34:17.95 W 44:04:22.80
29	S 19:37:58.70 W 43:55:32.81
30	S 19:50:38.27 W 43:54:24.35
31	S 19:52:30.82 W 43:44:56.84
32	S 19:57:30.12 W 43:46:56.40
33	S 19:52:59.07 W 43:55:20.73
34	S 19:23:24.76 W 43:54:36.85
35	S 19:51:31.14 W 43:54:36.21
36	S 19:51:30.80 W 44:09:59.20
37	S 19:23:24.43 W 44:09:57.19
38	S 18:52:28.86 W 43:58:28.48
39	S 19:13:30.12 W 44:06:00.15
40	S 19:13:27.30 W 43:55:51.61
41	S 19:22:02.57 W 43:45:41.18
42	S 19:39:06.84 W 43:45:37.43
43	S 19:46:02.07 W 43:54:37.11
44	S 18:52:58.24 W 43:54:31.56
45	S 19:44:04.16 W 44:09:58.66
46	S 19:47:04.85 W 44:28:17.07
47	S 19:34:02.49 W 44:28:17.36
48	S 20:06:10.96 W 44:35:13.92
49	S 20:30:15.85 W 44:13:13.25
50	S 20:30:53.27 W 43:34:29.21
51	S 20:14:06.00 W 44:11:52.11
52	S 20:14:06.00 W 43:43:05.30
53	S 19:29:03.10 W 43:41:29.31
54	S 19:41:23.36 W 43:41:26.28
55	S 20:05:42.41 W 43:47:22.54
56	S 19:55:36.97 W 43:33:36.00
57	S 19:56:18.74 W 44:18:13.53

58	S 19:57:29.29 W 44:10:29.01
59	S 18:52:16.55 W 44:07:18.18
60	S 19:00:06.12 W 43:29:21.26
61	S 19:16:47.02 W 43:15:09.72
62	S 20:10:15.64 W 43:14:37.92
63	S 20:29:10.83 W 44:20:07.08
64	S 20:11:30.50 W 44:33:19.61
65	S 19:26:07.83 W 44:43:40.77

COMMUNICATION FAILURE

1 - Selecionar SSR CÓDIGO 7600; e
Set TRANSPONDER CODE 7600; and
2 - Executar STAR e/ou IAC apropriados.
Follow relevant STAR and/or IAC.

AREA 1 4700'
AREA 2 5200'
AREA 3 5400'
AREA 4 6200'
AREA 5 5400'
AREA 6 5900'
AREA 7 7100'
AREA 8 7300'
AREA 9 6000'
AREA 10 7600'
AREA 11 8800'

SBR 388 7000' AMSL 1000' AGL
SBP 340 1000' AGL GND
SBD 387 1000' AMSL GND
SBR 327 7000' AMSL GND
SBR 879 3500' AMSL GND
SBR 318 1500' AGL GND
SBR 817 5400' AMSL GND

SBCF SBLS SBBH

FAVA 3600' 4100' 4200' 4000' 4500'

10 NM 20 NM 30 NM 40 NM 50 NM

N
VAR 23° W - 2026

ALT, ELEV, HGT: FT
DIST: NM
BRG: MAG
VA/CHG: 02'W

SCALE 2 0 10 NM 2 0 10 20 Km

RMK

1 - Carta somente utilizada para verificação de altitude/nível de voo enquanto vigilância ATC.
Chart to be used for cross-checking of altitudes/flight levels assigned while under ATC surveillance.

2 - Altitudes compensadas para temperaturas mínimas de até 0 °C.
Altitudes compensated for minimum temperatures up to 0 °C.

3 - Altitude da FAVA somente aplicável para aeronave sob vetoração para interceptar uma Aproximação Final em um ângulo de 40º ou menos.
FAVA altitude only applied to aircraft under vectoring to Final Approach with an angle of 40º or less.

DEPARTAMENTO DE CONTROLE DO ESPAÇO AÉREO - BRASIL

CHANGES: ALT MNM, EAC, ELEV, OBST, SECT, TA, VAR.

ÁREA DE VETORAÇÃO EM SUBIDA (AVS)
CLIMB VECTORING AREA (AVS)

3100'
66
3100'
67
2923'
3200'
4050'
4900'
5650'
6300'
132
6950'
7600'
8250'
8800'
68
5719'
2.5 NM
7.2 NM
11.0 NM
15.0 NM
19.0 NM
23.0 NM
27.0 NM
31.0 NM
35.0 NM
39.0 NM
162
192
69

SBR 879
3500' AMSL
GND

SBR 327
7000' AMSL
GND

RMK AVS RWY 16

1 - Vetoração na aproximação do ponto 66 até o ponto 67 a partir de 3100'.
Vector in the approach from point 66 until point 67 at or above 3100'.
2 - Gradiente de Aproximação Perdida considerado: 2.7% até 8300', após 2.5%.
Missed Approach Climb Gradient considered: 2.7% until 8300', after 2.5%.
3 - Vetoração na decolagem após 3200'.
Vector on takeoff after 3200'.
4 - PDG considerado: 3.6% até 6700', após 3.3%.
PDG considered: 3.6% until 6700', after 3.3%.
5 - Limites das proas: entre 132 e 192.
Heading limits: 132 and 192.

N
VAR 23° W - 2026
ALT, ELEV, HGT: FT
DIST: NM
BRG: MAG
VA/CHG: 02'W

SCALE
1 0 5 NM
1 0 5 10 Km

COORDENADAS

66 - S 19:35:08.75, W 044:00:47.05
67 - S 19:37:02.03, W 043:59:02.38
68 - S 19:47:41.08, W 043:21:37.77
69 - S 20:13:32.61, W 043:52:43.54

COMMUNICATION FAILURE

As aeronaves que forem instruídas a arremeter, fora do perfil previsto na IAC, em caso de falha de comunicação, deverão subir para 8800', ao atingir, voar na proa do IAF do procedimento em uso.
Aircraft that are instructed to go around, outside the profile provided for in the IAC, in the event of a communication failure, must climb to 8800', upon reaching, fly in the IAF heading of the procedure in use.

DEPARTAMENTO DE CONTROLE DO ESPAÇO AÉREO - BRASIL

44 30 44 00

RMK AVS RWY 34

1 - Vetoração na aproximação do ponto 70 até o ponto 71 a partir de 3100'.
Vector in the approach from point 70 until point 71 at or above 3100'.

2 - Vetoração na decolagem após 3200'.
Vector on takeoff after 3200'.

3 - Limites das proas: entre 312 e 012.
Heading limits: 312 and 012.

SCALE
1 0 5 NM
1 0 5 10 Km

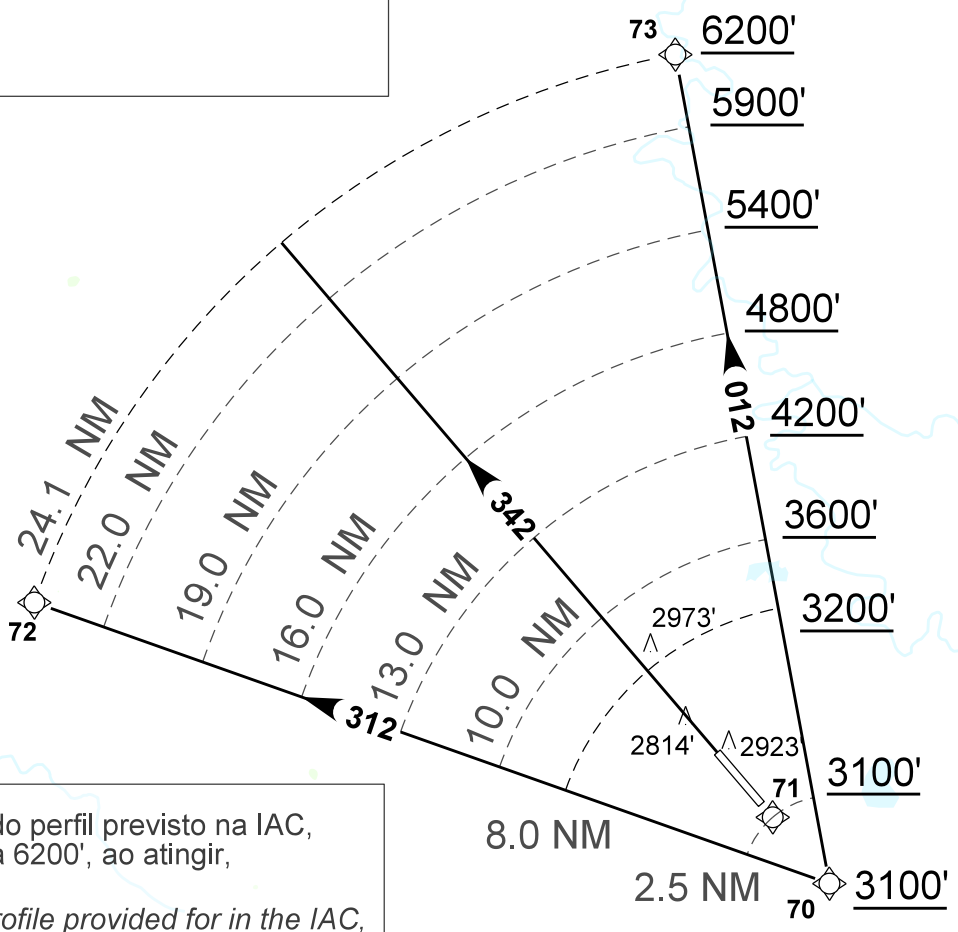
N
VAR 23° W - 2026

ALT, ELEV, HGT: FT
DIST: NM
BRG: MAG
VA/CHG: 02'W

COORDENADAS

70 - S 19:41:08.60, W 043:55:14.34
71 - S 19:39:15.36, W 043:56:59.10
72 - S 19:33:18.99, W 044:19:27.65
73 - S 19:17:21.45, W 044:00:12.94

ÁREA DE VETORAÇÃO EM SUBIDA (AVS)
CLIMB VECTORING AREA (AVS)



COMMUNICATION FAILURE

As aeronaves que forem instruídas a arremeter, fora do perfil previsto na IAC, em caso de falha de comunicação, deverão subir para 6200', ao atingir, voar na proa do IAF do procedimento em uso.
Aircraft that are instructed to go around, outside the profile provided for in the IAC, in the event of a communication failure, must climb to 6200', upon reaching, fly in the IAF heading of the procedure in use.

19 30 19 30

3300' 3300'

CHANGES: ALT MNM, EAC, ELEV, OBST, SECT, TA, VAR.