



## CODING TABLE

STAR RNAV VAKUB 2A RWY 28/33					RIO DE JANEIRO / Galeão – Antônio Carlos Jobim, INTL (SBGL)							SBGL_STAR_01X		20 MAR 25	
Seq Num	Transition Identifier	Fly Over	Rec Navaid	Fix Ident	Path and Terminator	Course Angle	Turn	Upper Limit Altitude (FT)	Lower Limit Altitude (FT)	Speed Limit (KT)	Speed Limit Description	TM DST (NM)	VA (°)	Role of the Fix	Navigation Specification
10	MAVGU	N/A	N/A	MAVGU	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	MAVGU	N	N/A	OBDEL	TF	171.86° Mag 148.80° True	N/A	N/A	N/A	N/A	N/A	8.22	N/A	OTHER	RNAV 1 or RNP 1
30	MAVGU	N	N/A	IVREV	TF	177.37° Mag 154.31° True	N/A	-25000	N/A	N/A	N/A	18.00	N/A	OTHER	RNAV 1 or RNP 1
40	MAVGU	N	N/A	VAKUB	TF	177.25° Mag 154.19° True	N/A	N/A	N/A	N/A	N/A	41.46	N/A	OTHER	RNAV 1 or RNP 1
50	MAVGU	N	N/A	GL033	TF	149.82° Mag 126.76° True	N/A	N/A	+10000	N/A	N/A	17.65	N/A	OTHER	RNAV 1 or RNP 1
60	MAVGU	N	N/A	IVTAL	TF	149.79° Mag 126.73° True	N/A	N/A	+8000	N/A	N/A	6.00	N/A	OTHER	RNAV 1 or RNP 1
10	MEBGA	N/A	N/A	MEBGA	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	MEBGA	N	N/A	KOSRU	TF	120.78° Mag 97.72° True	N/A	N/A	N/A	N/A	N/A	8.73	N/A	OTHER	RNAV 1 or RNP 1
30	MEBGA	N	N/A	PAI	TF	120.74° Mag 97.68° True	N/A	N/A	+11000	N/A	N/A	6.71	N/A	OTHER	RNAV 1 or RNP 1
40	MEBGA	N	N/A	VAKUB	TF	117.07° Mag 94.01° True	N/A	N/A	N/A	N/A	N/A	12.81	N/A	OTHER	RNAV 1 or RNP 1
50	MEBGA	N	N/A	GL033	TF	149.82° Mag 126.76° True	N/A	N/A	+10000	N/A	N/A	17.65	N/A	OTHER	RNAV 1 or RNP 1
60	MEBGA	N	N/A	IVTAL	TF	149.79° Mag 126.73° True	N/A	N/A	+8000	N/A	N/A	6.00	N/A	OTHER	RNAV 1 or RNP 1
10	RWY	N/A	N/A	IVTAL	IF	N/A	N/A	N/A	+8000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	RWY	N	N/A	SEDBU	TF	98.73° Mag 75.67° True	N/A	N/A	+5000	N/A	N/A	11.41	N/A	IAF	RNAV 1 or RNP 1
30	RWY	N	N/A	SEDBU	FM	100.18° Mag 77.12° True	N/A	N/A	+5000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
10	RWY	N/A	N/A	IVTAL	IF	N/A	N/A	N/A	+8000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	RWY	N	N/A	OPSID	TF	149.70° Mag 126.64° True	N/A	N/A	+5000	N/A	N/A	15.85	N/A	IAF	RNAV 1 or RNP 1

30	RWY	N	N/A	OPSID	FM	150.20° Mag 127.14° True	N/A	N/A	+5000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
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Ident	Latitude / Longitude (WGS84) DD:MM:SS.SS
VOR PAI	S 22:27:14.59W 43:50:25.83
MAVGU	S 21:27:20.04W 44:08:59.08
OBDEL	S 21:34:23.67W 44:04:25.01
IVREV	S 21:50:40.56W 43:56:02.65
VAKUB	S 22:28:09.13W 43:36:38.13
GL033	S 22:38:45.96W 43:21:21.91
IVTAL	S 22:42:22.06W 43:16:09.98
MEBGA	S 22:25:09.60W 44:06:56.40
KOSRU	S 22:26:20.49W 43:57:36.30
SEDBU	S 22:39:32.41W 43:04:12.51
OPSID	S 22:51:52.15W 43:02:24.59

COD	Meaning
+	AT OR ABOVE
-	AT OR BELOW
@	AT
R	RECOMMENDED
B	BETWEEN
=	AS ASSIGNED
SDF	STEPDOWN FIX
Y	YES
N	NO
L	LEFT
R	RIGHT
N/A	NOT APPLICABLE