



CODING TABLE

IAC RNP Z RWY 33 (AR)					RIO DE JANEIRO/Galeão – Antônio Carlos Jobim, INTL (SBGL)							SBGL_IAC_05F		02 NOV 23	
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	APCH	N/A	N/A	SEDBU	IF	N/A	N/A	N/A	+5000	N/A	N/A	N/A	N/A	IAF	RNP 1.0
20	APCH	N	N/A	LIXUG	TF	187.66° Mag / 164.52° True	N/A	N/A	+2800	N/A	N/A	5.50	N/A	IF	RNP 1.0
10	APCH	N/A	N/A	KETUX	IF	N/A	N/A	N/A	+5000	N/A	N/A	N/A	N/A	IAF	RNP 1.0
20	APCH	N	N/A	LIXUG	TF	277.26° Mag / 254.10° True	N/A	N/A	+2800	N/A	N/A	5.54	N/A	IF	RNP 1.0
10	FINAL	N/A	N/A	LIXUG	IF	N/A	N/A	N/A	+2800	N/A	N/A	N/A	N/A	IF	RNP 1.0
20	FINAL	N	N/A	GL027	TF	257.38° Mag / 234.25° True	N/A	N/A	+2100	N/A	N/A	5.00	N/A	OTHER	RNP 1.0
30	FINAL	N	N/A	GL052	TF	257.39° Mag / 234.28° True	N/A	N/A	R1660	170	-	3.07	N/A	FAF	RNP 1.0
40	FINAL	N	N/A	GL043	TF	257.39° Mag / 234.30° True	N/A	N/A	+1116	N/A	N/A	1.70	-3.00	OTHER	RNP 0.3
50	FINAL	N	N/A	GL042	RF	N/A	R	N/A	+543	N/A	N/A	1.80	-3.00	FROP	RNP 0.3
N/A	N/A	N/A	N/A	*GL044	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 1.45	N/A	N/A	N/A
60	FINAL	Y	N/A	RWY33	TF	328.59° Mag / 305.52° True	N/A	N/A	@62	N/A	N/A	1.51	-3.00	LTP	RNP 0.3
10	MA	N	N/A	GL091	TF	328.63° Mag / 305.55° True	N/A	N/A	N/A	190	-	4.47	N/A	OTHER	RNP 1.0
20	MA	N	N/A	GL032	RF	N/A	R	N/A	N/A	190	-	5.62	N/A	OTHER	RNP 1.0
N/A	N/A	N/A	N/A	*GL046	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 2.64	N/A	N/A	N/A
30	MA	N	N/A	GL086	TF	90.95° Mag / 67.88° True	N/A	N/A	-4000	190	-	12.93	N/A	OTHER	RNP 1.0
40	MA	N	N/A	GL087	TF	97.29° Mag / 74.15° True	N/A	N/A	N/A	190	-	5.54	N/A	OTHER	RNP 1.0
50	MA	Y	N/A	KETUX	TF	187.77° Mag / 164.60° True	N/A	N/A	+5000	190	-	7.50	N/A	MAHF	RNP 1.0

60	MA	Y	N/A	KETUX	HM	277.26° Mag / 254.10° True	L	N/A	+5000	N/A	N/A	1.00 min	N/A	MAHF	RNP 1.0
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*Fictitious point only for coding purpose.

Ident	Latitude / Longitude (WGS84) DD:MM:SS.SS
LIXUG	S 22:44:51.60W 43:02:37.20
GL027	S 22:47:47.55W 43:07:00.89
GL052	S 22:49:35.48W 43:09:42.83
GL043	S 22:50:35.21W 43:11:12.51
GL042	S 22:50:35.37W 43:13:02.16
GL044	S 22:49:24.31W 43:12:07.45
GL091	S 22:47:05.84W 43:18:18.26
GL032	S 22:42:29.86W 43:17:43.12
GL046	S 22:44:56.83W 43:16:38.70
GL086	S 22:37:36.12W 43:04:46.18
GL087	S 22:36:05.00W 42:59:00.86
KETUX	S 22:43:20.40W 42:56:51.60
SEDBU	S 22:39:32.41W 43:04:12.51
RWY33	S 22:49:42.55W 43:14:21.99

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
LTP	LANDING THRESHOLD POINT
FTP	FICTITIOUS THRESHOLD POINT

MISSED APPROACH SEGMENT																
Track	Bank Angle(°)		TWC (KT)		IAS (KT)		D_{MASRNP} (NM)		TrD (NM)		Gradient (%)		RNP (NM)		TP Altitude (FT)	
	Used /	STD	Used /	STD	Used /	STD	Used /	STD	Used /	STD	Used /	STD	Used /	STD	Used /	STD
ALL PARAMETERS ARE ACCORDING TO ICAO DOCUMENTS																

COD	Meaning
STD	Value according to ICAO Documents
TWC	Tail Wind Component
IAS	Indicated Air Speed
D _{frop}	Distance FROP-THEL
FROP	Final Roll-Out Point
TrD	Track Distance (Needed to comply turns)
TP Altitude	Turning Point Altitude
THEL	Threshold elevation
D _{MASRNP}	Maximum distance of RNP navigation accuracy (requirement less than 1.0 NM in the missed approach)