



CODING TABLE

STAR RNAV IVTAL 2B RWY 33					RIO DE JANEIRO / Galeão – Antônio Carlos Jobim, INTL (SBGL)							SBGL_STAR_03Z		08 NOV 18	
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	VA (°)	Role of the Fix	Navigation Specification
10	ESORU	N	N/A	ESORU	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	ESORU	Y	N/A	EPGIP	TF	099° Mag 076.0T	N/A	N/A	N/A	N/A	N/A	39.9	N/A	OTHER	RNAV 1 or RNP 1
10	KOLBI	N	N/A	KOLBI	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	KOLBI	N	N/A	ROPAS	TF	086° Mag 063.6T	N/A	-28000	N/A	N/A	N/A	28.5	N/A	OTHER	RNAV 1 or RNP 1
30	KOLBI	N	N/A	ILTIT	TF	087° Mag 064.2T	N/A	N/A	N/A	N/A	N/A	12.5	N/A	OTHER	RNAV 1 or RNP 1
40	KOLBI	N	N/A	KABUK	TF	026° Mag 003.4T	L	-23000	N/A	N/A	N/A	14.5	N/A	OTHER	RNAV 1 or RNP 1
50	KOLBI	N	N/A	WJ001	TF	026° Mag 003.4T	N/A	N/A	+21000	N/A	N/A	5.0	N/A	OTHER	RNAV 1 or RNP 1
60	KOLBI	N	N/A	WJ002	TF	026° Mag 003.4T	N/A	-21000	N/A	N/A	N/A	8.90	N/A	OTHER	RNAV 1 or RNP 1
70	KOLBI	N	N/A	GL037	TF	026° Mag 003.4T	N/A	N/A	+12000	N/A	N/A	22.0	N/A	OTHER	RNAV 1 or RNP 1
80	KOLBI	N	N/A	EPGIP	TF	026° Mag 003.4T	N/A	N/A	N/A	N/A	N/A	5.7	N/A	OTHER	RNAV 1 or RNP 1
10	AKNUB	N	N/A	AKNUB	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	AKNUB	N	N/A	ROPAS	TF	049° Mag 027.0T	R	-28000	N/A	N/A	N/A	40.0	N/A	OTHER	RNAV 1 or RNP 1
30	AKNUB	N	N/A	ILTIT	TF	087° Mag 064.2T	N/A	N/A	N/A	N/A	N/A	12.5	N/A	OTHER	RNAV 1 or RNP 1
40	AKNUB	Y	N/A	KABUK	TF	026° Mag 003.4T	L	-23000	N/A	N/A	N/A	14.5	N/A	OTHER	RNAV 1 or RNP 1
50	AKNUB	N	N/A	WJ001	TF	026° Mag 003.4T	N/A	N/A	+21000	N/A	N/A	5.0	N/A	OTHER	RNAV 1 or RNP 1
60	AKNUB	N	N/A	WJ002	TF	026° Mag 003.4T	N/A	-21000	N/A	N/A	N/A	8.9	N/A	OTHER	RNAV 1 or RNP 1
70	AKNUB	N	N/A	GL037	TF	026° Mag 003.4T	N/A	N/A	+12000	N/A	N/A	22.0	N/A	OTHER	RNAV 1 or RNP 1

80	AKNUB	N	N/A	EPGIP	TF	026° Mag 003.4T	N/A	N/A	N/A	N/A	N/A	5.7	N/A	OTHER	RNAV 1 or RNP 1
10	COMMOM	N	N/A	EPGIP	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	COMMOM	N	N/A	GL038	TF	099° Mag 075.9T	N/A	-13000	N/A	N/A	N/A	21.0	N/A	OTHER	RNAV 1 or RNP 1
30	COMMOM	N	N/A	TEPOL	TF	099° Mag 075.8T	N/A	N/A	+9000	N/A	N/A	16.3	N/A	OTHER	RNAV 1 or RNP 1
40	COMMOM	N	N/A	IVTAL	TF	099° Mag 075.8T	N/A	N/A	+8000	N/A	N/A	3.00	N/A	OTHER	RNAV 1 or RNP 1
10	RWY	N	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	VURUK	TF	129° Mag 106.4T	N/A	N/A	+4000	N/A	N/A	11.5	N/A	IAF	RNAV 1 or RNP 1
30	RWY	N	N/A	VURUK	FM	150.00° Mag	N/A	N/A	+4000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1

Ident	Latitude / Longitude (WGS84) DD:MM:SS.SS
ESORU	S 23:01:50.97W 44:40:35.45
EPGIP	S 22:52:16.22W 43:58:37.24
KOLBI	S 24:06:37.20W 44:42:20.40
ROPAS	S 23:53:57.00W 44:14:27.60
ILTIT	S 23:48:30.47W 44:02:12.49
KABUK	S 23:33:58.80W 44:01:16.80
AKNUB	S 24:29:39.00W 44:34:22.80
WJ001	S 23:28:58.33W 44:00:57.55
WJ002	S 23:20:03.47W 44:00:23.35
GL037	S 22:58:01.31W 43:58:59.14
IVTAL	S 22:42:22.06W 43:16:09.98
VURUK	S 22:45:38.97W 43:04:11.42
GL038	S 22:47:06.10W 43:36:21.57

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