



CODING TABLE

STAR RNAV VUSRA 1A RWY 10					RIO DE JANEIRO / Galeão – Antônio Carlos Jobim, INTL (SBGL)							SBGL_STAR_02D		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	AKNUB	N/A	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	49.32° Mag 27.04° True	N/A	-28000	N/A	N/A	N/A	39.97	N/A	OTHER	RNAV 1 or RNP 1
30	AKNUB	N	N/A	ILTIT	TF	86.56° Mag 64.18° True	N/A	N/A	N/A	N/A	N/A	12.47	N/A	OTHER	RNAV 1 or RNP 1
40	AKNUB	N	N/A	KABUK	TF	25.79° Mag 3.36° True	N/A	-23000	N/A	N/A	N/A	14.50	N/A	OTHER	RNAV 1 or RNP 1
50	AKNUB	N	N/A	WJ001	TF	25.82° Mag 3.38° True	N/A	N/A	+21000	N/A	N/A	5.00	N/A	OTHER	RNAV 1 or RNP 1
60	AKNUB	N	N/A	WJ002	TF	25.84° Mag 3.38° True	N/A	-21000	N/A	N/A	N/A	8.90	N/A	OTHER	RNAV 1 or RNP 1
70	AKNUB	N	N/A	KUDSI	TF	25.88° Mag 3.36° True	N/A	N/A	+12000	N/A	N/A	20.85	N/A	OTHER	RNAV 1 or RNP 1
80	AKNUB	N	N/A	VUSRA	TF	97.40° Mag 74.80° True	N/A	N/A	N/A	N/A	N/A	11.90	N/A	OTHER	RNAV 1 or RNP 1
10	ESORU	N/A	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	N	N/A	EPGIP	TF	98.56° Mag 76.02° True	N/A	N/A	N/A	N/A	N/A	39.90	N/A	OTHER	RNAV 1 or RNP 1
30	ESORU	N	N/A	VUSRA	TF	131.32° Mag 108.71° True	N/A	N/A	N/A	N/A	N/A	11.71	N/A	OTHER	RNAV 1 or RNP 1
10	KOLBI	N/A	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	85.87° Mag 63.58° True	N/A	-28000	N/A	N/A	N/A	28.48	N/A	OTHER	RNAV 1 or RNP 1
30	KOLBI	N	N/A	ILTIT	TF	86.56° Mag 64.18° True	N/A	N/A	N/A	N/A	N/A	12.47	N/A	OTHER	RNAV 1 or RNP 1
40	KOLBI	N	N/A	KABUK	TF	25.79° Mag 3.36° True	N/A	-23000	N/A	N/A	N/A	14.50	N/A	OTHER	RNAV 1 or RNP 1
50	KOLBI	N	N/A	WJ001	TF	25.82° Mag 3.38° True	N/A	N/A	+21000	N/A	N/A	5.00	N/A	OTHER	RNAV 1 or RNP 1
60	KOLBI	N	N/A	WJ002	TF	25.84° Mag 3.38° True	N/A	-21000	N/A	N/A	N/A	8.90	N/A	OTHER	RNAV 1 or RNP 1

70	KOLBI	N	N/A	KUDSI	TF	25.88° Mag 3.36° True	N/A	N/A	+12000	N/A	N/A	20.85	N/A	OTHER	RNAV 1 or RNP 1
80	KOLBI	N	N/A	VUSRA	TF	97.40° Mag 74.80° True	N/A	N/A	N/A	N/A	N/A	11.90	N/A	OTHER	RNAV 1 or RNP 1
10	VUSRA	N/A	N/A	VUSRA	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	VUSRA	N	N/A	GL041	TF	97.43° Mag 74.79° True	N/A	N/A	+8000	N/A	N/A	5.00	N/A	OTHER	RNAV 1 or RNP 1
30	VUSRA	N	N/A	DONGI	TF	97.43° Mag 74.75° True	N/A	N/A	+6300	N/A	N/A	5.97	N/A	IAF	RNAV 1 or RNP 1

Ident	Latitude / Longitude (WGS84) DD:MM:SS.SS
AKNUB	S 24:29:39.00W 44:34:22.80
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
WJ001	S 23:28:58.33W 44:00:57.55
WJ002	S 23:20:03.47W 44:00:23.35
KUDSI	S 22:59:10.24W 43:59:03.62
VUSRA	S 22:56:02.84W 43:46:36.70
GL041	S 22:54:43.95W 43:41:23.08
DONGI	S 22:53:09.60W 43:35:09.00
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

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