



CODING TABLE

STAR RNAV VUNOX 1C RWY 28R/28L					SÃO PAULO / Guarulhos – Gov. André Franco Montoro, INTL (SBGR)							SBGR_STAR_04J		03 SEP 26	
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	VUNOX	N/A	N/A	VUNOX	IF	N/A	N/A	-22000	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	VUNOX	N	N/A	GR259	TF	210.48° Mag 188.19° True	N/A	-18000	N/A	N/A	N/A	13.67	N/A	OTHER	RNAV 1 or RNP 1
30	VUNOX	N	N/A	GR262	TF	210.45° Mag 188.21° True	N/A	-16000	N/A	N/A	N/A	14.41	N/A	OTHER	RNAV 1 or RNP 1
40	VUNOX	N	N/A	GR263	TF	233.33° Mag 211.13° True	N/A	N/A	@15000	250	@	6.60	N/A	OTHER	RNAV 1 or RNP 1
50	VUNOX	N	N/A	GR264	TF	315.75° Mag 293.59° True	N/A	N/A	N/A	N/A	N/A	5.20	N/A	OTHER	RNAV 1 or RNP 1
60	VUNOX	N	N/A	GR266	TF	300.90° Mag 278.76° True	N/A	N/A	N/A	N/A	N/A	5.79	N/A	OTHER	RNAV 1 or RNP 1
70	VUNOX	N	N/A	GR267	TF	287.31° Mag 265.61° True	N/A	N/A	N/A	N/A	N/A	5.00	N/A	OTHER	RNAV 1 or RNP 1
80	VUNOX	N	N/A	GR268	TF	274.23° Mag 252.16° True	N/A	N/A	N/A	N/A	N/A	5.39	N/A	OTHER	RNAV 1 or RNP 1
90	VUNOX	N	N/A	GR271	TF	259.87° Mag 237.84° True	N/A	N/A	@15000	250	@	6.00	N/A	OTHER	RNAV 1 or RNP 1
100	VUNOX	N	N/A	SANPA	TF	162.69° Mag 140.70° True	N/A	B10000	B9000	230	@	22.83	N/A	OTHER	RNAV 1 or RNP 1
110	VUNOX	N	N/A	GR253	TF	143.61° Mag 121.57° True	N/A	N/A	N/A	N/A	N/A	6.88	N/A	OTHER	RNAV 1 or RNP 1
120	VUNOX	N	N/A	GR254	TF	112.56° Mag 90.50° True	N/A	N/A	N/A	N/A	N/A	7.56	N/A	OTHER	RNAV 1 or RNP 1
130	VUNOX	N	N/A	UTKUG	TF	139.04° Mag 116.93° True	N/A	N/A	+6000	N/A	N/A	3.99	N/A	IAF	RNAV 1 or RNP 1

Ident	Latitude / Longitude (WGS84) DD:MM:SS.SS
VUNOX	S 22:19:04.45W 46:12:47.67
GR259	S 22:32:38.88W 46:14:53.87
GR262	S 22:46:58.28W 46:17:07.52
GR263	S 22:52:38.16W 46:20:52.14
GR264	S 22:50:31.83W 46:25:58.89
GR266	S 22:49:36.39W 46:32:10.56
GR267	S 22:49:59.54W 46:37:34.75
GR268	S 22:51:36.97W 46:43:09.13
GR271	S 22:54:47.34W 46:48:40.99
SANPA	S 23:12:30.33W 46:32:59.11
GR253	S 23:16:07.52W 46:26:36.36
GR254	S 23:16:14.03W 46:18:23.46
UTKUG	S 23:18:04.41W 46:14:31.55

COD	Meaning
+	AT OR ABOVE
-	AT OR BELOW
@	AT
R	RECOMMENDED
B	BETWEEN
=	AS ASSIGNED
SDF	STEPPDOWN FIX
Y	YES
N	NO
L	LEFT
R	RIGHT
N/A	NOT APPLICABLE
LTP	LANDING THRESHOLD POINT
FTP	FICTITIOUS THRESHOLD POINT