



CODING TABLE

STAR RNAV VUNOX 1A RWY 09R/09L					SÃO PAULO / Guarulhos - Gov. André Franco Montoro, INTL (SBGR)							SBGR_STAR_04K	20 MAY 21		
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	210.11° Mag 188.20° 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	210.07° Mag 188.22° 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	233.31° Mag 211.50° True	N/A	N/A	@15000	250	@	6.60	N/A	OTHER	RNAV 1 or RNP 1
50	VUNOX	N	N/A	GR264	TF	315.76° Mag 293.98° True	N/A	N/A	@15000	250	@	5.20	N/A	OTHER	RNAV 1 or RNP 1
60	VUNOX	N	N/A	GR266	TF	300.90° Mag 279.16° True	N/A	N/A	@15000	250	@	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	@15000	250	@	5.00	N/A	OTHER	RNAV 1 or RNP 1
80	VUNOX	N	N/A	GR268	TF	274.22° Mag 252.57° True	N/A	N/A	@15000	250	@	5.39	N/A	OTHER	RNAV 1 or RNP 1
90	VUNOX	N	N/A	GR271	TF	259.86° Mag 238.26° True	N/A	N/A	@15000	250	@	6.00	N/A	OTHER	RNAV 1 or RNP 1
100	VUNOX	N	N/A	SANPA	TF	162.27° Mag 140.60° True	N/A	-9000	N/A	230	@	22.80	N/A	OTHER	RNAV 1 or RNP 1
10	RWY	N/A	N/A	SANPA	IF	N/A	N/A	-9000	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	RWY	N	N/A	GR283	TF	234.90° Mag 213.26° True	N/A	-8000	N/A	N/A	N/A	4.00	N/A	OTHER	RNAV 1 or RNP 1
30	RWY	N	N/A	LOMEN	TF	234.86° Mag 213.30° True	N/A	N/A	+6000	N/A	N/A	11.62	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
GR283	S 23:15:51.89W 46:35:22.10
LOMEN	S 23:25:36.86W 46:42:17.85

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