CODING TABLE

IAC RNP Q RWY 20L (AR)					RIO DE JANEIRO / Santos Dumont (SBRJ)							SBRJ_IAC_03L		24 DEC 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	APCH	N/A	N/A	KOXUN	IF	N/A	N/A	N/A	+4800	N/A	N/A	N/A	N/A	IAF	RNP 1.0
20	APCH	N	N/A	RJ031	TF	88.37° Mag 65.41° True	N/A	B4400	B3500	N/A	N/A	4.60	N/A	OTHER	RNP 1.0
30	APCH	N	N/A	RJ072	TF	97.53° Mag 74.55° True	N/A	N/A	+2500	N/A	N/A	3.44	N/A	IF	RNP 1.0
10	FINAL	N/A	N/A	RJ072	IF	N/A	N/A	N/A	+2500	N/A	N/A	N/A	N/A	IF	RNP 1.0
20	FINAL	N	N/A	RJ073	TF	113.35° Mag 90.36° True	N/A	N/A	R1770	N/A	N/A	3.30	N/A	FAF	RNP 1.0
30	FINAL	N	N/A	RJ904	TF	113.24° Mag 90.23° True	N/A	N/A	+949	140	-	2.65	-2.90	OTHER	RNP 0.1
40	FINAL	N	N/A	RJ906	RF	N/A	R	N/A	+357	N/A	N/A	1.92	-2.90	FROP	RNP 0.1
N/A	N/A	N/A	N/A	RJ905*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 1.3	N/A	RF CENTER	N/A
50	FINAL	Y	N/A	RW20L	TF	199.59° Mag 176.57° True	N/A	N/A	@50	N/A	N/A	1.00	-2.90	LTP	RNP 0.1
10	MA	N	N/A	RJ907	TF	199.59° Mag 176.57° True	N/A	N/A	+500	N/A	N/A	0.71	N/A	OTHER	RNP 0.15
20	MA	N	N/A	RJ908	RF	N/A	L	N/A	N/A	175	-	1.65	N/A	OTHER	RNP 0.2
N/A	N/A	N/A	N/A	RJ910*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 2.2	N/A	RF CENTER	N/A
30	MA	N	N/A	RJ909	TF	155.76° Mag 132.74° True	N/A	N/A	N/A	N/A	N/A	3.12	N/A	OTHER	RNP 0.2
40	MA	N	N/A	LOKUL	TF	163.06° Mag 140.03° True	N/A	N/A	N/A	N/A	N/A	4.27	N/A	OTHER	RNP 1.0
50	MA	N	N/A	RJ249	RF	N/A	L	N/A	N/A	N/A	N/A	7.16	N/A	OTHER	RNP 1.0
N/A	N/A	N/A	N/A	RJ255*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 6.4	N/A	RF CENTER	N/A
60	MA	Y	N/A	EVRIR	TF	98.97° Mag 75.92° True	N/A	N/A	@5000	N/A	N/A	7.36	N/A	MAHF	RNP 1.0

70	MA	Y	N/A	EVRIR	HM	310.00° Mag 286.91° True	L	N/A	@5000	N/A	N/A	1.00 min	N/A	MAHF	RNP 1.0

* Fictitious point: Only for coding purposes.

	Latitude / Longitude (WGS84) DD:MM:SS.SS
RJ072	S 22:52:02.40W 43:17:40.20
RJ073	S 22:52:03.60W 43:14:06.00
RJ904	S 22:52:04.21W 43:11:13.94
RJ906	S 22:53:16.46W 43:09:51.45
RJ905	S 22:53:21.06W 43:11:14.25
KOXUN	S 22:54:52.83W 43:25:47.25
RJ031	S 22:52:57.60W 43:21:15.60
RJ907	S 22:54:59.48W 43:09:44.78
RJ908	S 22:56:26.95W 43:09:00.05
RJ910	S 22:54:51.70W 43:07:25.04
RJ909	S 22:58:34.34W 43:06:31.13
LOKUL	S 23:01:51.42W 43:03:32.65
RJ249	S 23:03:57.58W 42:56:32.31
RJ255	S 22:57:43.55W 42:58:13.62
EVRIR	S 23:02:09.60W 42:48:48.00
RW20L	S 22:54:16.56W 43:09:47.56

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

SPECIAL PARAMETERS TABLE

This table contains the parameter values that differ from the standard values established in RNP AR Manual (Doc 9905) and/or PANS-OPS (Doc 8168) and has the objective to assist operators during the approval process by the competent Aeronautical Authority, especially regarding the Flight Operational Safety Assessment. These parameters take into account only design criteria contained in Doc 9905 and Doc 8168. Airworthiness special parameters were not considered for this classification.

SPECIAL PROCEDURE

INITIAL APPROACH SEGMENT

Track	Bank Angle(°) Used	Bank Angle(°) STD	TWC (KT) Used	TWC (KT) STD	IAS (KT) Used	IAS (KT) STD	Dfrop (NM) Used	Dfrop (NM) STD	TrD (NM) Used	TrD (NM) STD	Gradient (%) Used	Gradient (%) STD	RNP (NM) Used	RNP (NM) STD	TP Altitude (FT) Used	TP Altitude (FT) STD
ALL PARAMETERS ARE ACCORDING TO ICAO DOCUMENTS																

INTERMEDIATE APPROACH SEGMENT

Track	Bank Angle(°) Used	Bank Angle(°) STD	TWC (KT) Used	TWC (KT) STD	IAS (KT) Used	IAS (KT) STD	Dfrop (NM) Used	Dfrop (NM) STD	TrD (NM) Used	TrD (NM) STD	Gradient (%) Used	Gradient (%) STD	RNP (NM) Used	RNP (NM) STD	TP Altitude (FT) Used	TP Altitude (FT) STD
ALL PARAMETERS ARE ACCORDING TO ICAO DOCUMENTS																

FINAL APPROACH SEGMENT

Track	Bank Angle(°) Used	Bank Angle(°) STD	TWC (KT) Used	TWC (KT) STD	IAS (KT) Used	IAS (KT) STD	Dfrop (NM) Used	Dfrop (NM) STD	TrD (NM) Used	TrD (NM) STD	Gradient (%) Used	Gradient (%) STD	RNP (NM) Used	RNP (NM) STD	TP Altitude (FT) Used	TP Altitude (FT) STD
RJ706 – RJ704	---	---	---	---	140	160	---	---	---	---	4.89	5.24	0.1	0.3	---	---
RJ704 – RJ807	26.98	18	---	---	140	160	---	---	---	---	4.89	5.24	0.1	0.3	---	---
RJ807 – RJ702	---	---	---	---	140	160	---	---	---	---	4.89	5.24	0.1	0.3	---	---
RJ702 – RJ701	25.60	18	---	---	140	160	---	---	---	---	4.89	5.24	0.1	0.3	---	---
RJ701 – RW02R	---	---	---	---	140	160	0.95	3.09	---	---	4.89	5.24	0.1	0.3	---	---

MISSED APPROACH SEGMENT																
Track	**Bank Angle(°) Used / STD**		**TWC (KT) Used / STD**		**IAS (KT) Used / STD**		**D_{MASRNP} (NM) Used / STD**		**TrD (NM) Used / STD**		**Gradient (%) Used / STD**		**RNP (NM) Used / STD**		**TP Altitude (FT) Used / STD**	
RW02R – RJ901	---	---	---	---	175	240	1.66	1.15	---	---	---	---	0.15	1.0	---	---
RJ901 – RJ008	---	---	---	---	175	240	---	---	---	---	---	---	0.15	1.0	---	---
RJ008 – RJ902	19.46	18	---	---	175	240	---	---	---	---	---	---	---	---	---	---

COD	Meaning
STD	Value according to ICAO Documents
TWC	Tail Wind Component
IAS	Indicated Air Speed
Dfrop	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)