CODING TABLE

IAC RNP X RWY 02R (AR)					RIO DE JANEIRO / Santos Dumont (SBRJ)							SBRJ_IAC_01F		28 NOV 24	
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 (º)**	**Role of the Fix**	**Navigation Specification**
10	APCH	N/A	N/A	MOVGI	IF	N/A	N/A	N/A	+4000	N/A	N/A	N/A	N/A	IAF	RNP 1.0
20	APCH	N	N/A	RJ222	TF	41.42° Mag 18.44° True	N/A	N/A	+2000	N/A	N/A	6.87	N/A	IF	RNP 1.0
10	APCH	N/A	N/A	POPSU	IF	N/A	N/A	N/A	+5500	N/A	N/A	N/A	N/A	IAF	RNP 1.0
20	APCH	N	N/A	RJ222	TF	343.07° Mag 320.07° True	N/A	N/A	+2000	N/A	N/A	9.22	N/A	IF	RNP 1.0
10	FINAL	N/A	N/A	RJ222	IF	N/A	N/A	N/A	+2000	N/A	N/A	N/A	N/A	IF	RNP 1.0
20	FINAL	N	N/A	RJ809	TF	14.54° Mag 351.09° True	N/A	N/A	R1560	N/A	N/A	6.41	N/A	FAF	RNP 1.0
30	FINAL	N	N/A	RJ808	TF	14.54° Mag 351.09° True	N/A	N/A	+1113	140	-	1.45	-2.85	OTHER	RNP 0.1
40	FINAL	N/A	N/A	RJ807	RF	N/A	L	N/A	+859	N/A	N/A	0.84	-2.85	OTHER	RNP 0.1
N/A	N/A	N/A	N/A	RJ815*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 1.0	N/A	RF CENTER	N/A
50	FINAL	N	N/A	RJ806	TF	325.98° Mag 302.99° True	N/A	N/A	+557	N/A	N/A	1.00	-2.85	OTHER	RNP 0.1
60	FINAL	N/A	N/A	RJ804	RF	N/A	R	N/A	+305	N/A	N/A	0.84	-2.85	FROP	RNP 0.1
N/A	N/A	N/A	N/A	RJ810*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 0.9	N/A	RF CENTER	N/A
70	FINAL	Y	N/A	RW02R	TF	19.55° Mag 356.56° True	N/A	N/A	@44	N/A	N/A	0.87	-2.85	LTP	RNP 0.1
10	MA	N	N/A	RJ901	TF	19.55° Mag 356.56° True	N/A	N/A	+500	N/A	N/A	0.71	N/A	TP	RNP 0.15
20	MA	N/A	N/A	RJ008	RF	N/A	R	N/A	N/A	N/A	N/A	1.00	N/A	OTHER	RNP 0.15
N/A	N/A	N/A	N/A	RJ903*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 2.33	N/A	RF CENTER	N/A
30	MA	N/A	N/A	RJ902	RF	N/A	R	-2000	N/A	175	-	4.11	N/A	OTHER	RNP 1.0

N/A	N/A	N/A	N/A	RJ903*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 2.33	N/A	RF CENTER	N/A
40	MA	Y	N/A	EVRIR	TF	144.95° Mag 121.94° True	N/A	N/A	@5500	N/A	N/A	18.69	N/A	MAHF	RNP 1.0
50	MA	Y	N/A	EVRIR	HM	322.58° Mag 299.50° True	L	N/A	@5500	N/A	N/A	1.00 min	N/A	MAHF	N/A

* Ficitious point: Only for coding purposes.

	Latitude / Longitude (WGS84) DD:MM:SS.SS
POPSU	S 23:12:43.80W 43:00:15.00
RJ222	S 23:05:36.00W 43:06:37.20
RJ809	S 22:59:14.37W 43:07:38.45
RJ808	S 22:57:48.09W 43:07:52.28
RJ807	S 22:57:06.63W 43:08:20.86
RJ815	S 22:57:56.93W 43:08:56.59
RJ806	S 22:56:33.54W 43:09:15.17
RJ804	S 22:55:51.52W 43:09:41.41
RJ810	S 22:55:48.27W 43:08:43.02
RW02R	S 22:54:59.48W 43:09:44.78
RJ901	S 22:54:16.56W 43:09:47.56
RJ902	S 22:52:09.56W 43:05:55.53
RJ903	S 22:54:08.14W 43:07:16.42
EVRIR	S 23:02:09.60W 42:48:48.00
MOVGI	S 23:12:08.40W 43:08:58.80
RJ008	S 22:53:17.53W 43:09:37.63

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
FROP	FINAL ROLL-OUT 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 / STD		TWC (KT) Used / STD		IAS (KT) Used / STD		Dfrop (NM) Used / STD		TrD (NM) Used / STD		Gradient (%) Used / STD		RNP (NM) Used / STD		TP Altitude (FT) Used / STD	
ALL PARAMETERS ARE ACCORDING TO ICAO DOCUMENTS																

INTERMEDIATE APPROACH SEGMENT

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

FINAL APPROACH SEGMENT

Track	Bank Angle(°) Used / STD		TWC (KT) Used / STD		IAS (KT) Used / STD		Dfrop (NM) Used / STD		TrD (NM) Used / STD		Gradient (%) Used / STD		RNP (NM) Used / STD		TP Altitude (FT) Used / STD	
RJ809 – RJ808	---	---	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
RJ808 – RJ807	26.89	18	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
RJ807 – RJ806	---	---	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
RJ806 – RJ804	25.35	18	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
RJ804 – RW02R	---	---	---	---	140	160	0.87	3.07	---	---	4.98	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	19.65	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)