



## CODING TABLE

IAC RNP X RWY 02R (AR)					RIO DE JANEIRO / Santos Dumont (SBRJ)							SBRJ_IAC_01F		30 DEC 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	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	+1560	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	RWY02	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	Y	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	N/A	-2000	175	-	4.11	N/A	OTHER	RNP 1

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
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

\* Fictitious point only for coding purposes.

Latitude / Longitude (WGS84) DD:MM:SS.SS	
POPSU	S 23:12:43.80 / W 43:00:15.00
RJ222	S 23:05:36.00 / W 43:06:37.20
RJ809	S 22:59:14.37 / W 43:07:38.45
RJ808	S 22:57:48.09 / W 43:07:52.28
RJ807	S 22:57:06.63 / W 43:08:20.86
RJ815	S 22:57:56.93 / W 43:08:56.59
RJ806	S 22:56:33.54 / W 43:09:15.17
RJ804	S 22:55:51.52 / W 43:09:41.41
RJ810	S 22:55:48.27 / W 43:08:43.02
RW02R	S 22:54:59.48 / W 43:09:44.78
RJ901	S 22:54:16.56 / W 43:09:47.56
RJ902	S 22:52:09.56 / W 43:05:55.53
RJ903	S 22:54:08.14 / W 43:07:16.42
EVRIR	S 23:02:09.60 / W 42:48:48.00
MOVGI	S 23:12:08.40 / W 43:08:58.80
RJ008	S 22:53:17.53 / W43:09:37.63

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

## 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.

<b>SPECIAL PROCEDURE</b>																
<b>INITIAL APPROACH SEGMENT</b>																
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	
<b>ALL PARAMETERS ARE ACCORDING TO ICAO DOCUMENTS</b>																
<b>INTERMEDIATE APPROACH SEGMENT</b>																
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	
<b>ALL PARAMETERS ARE ACCORDING TO ICAO DOCUMENTS</b>																
<b>FINAL APPROACH SEGMENT</b>																
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	
<b>RJ809 – RJ808</b>	---	---	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
<b>RJ808 – RJ807</b>	26.89	18	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
<b>RJ807 – RJ806</b>	---	---	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
<b>RJ806 – RJ804</b>	25.35	18	---	---	140	160	---	---	---	---	4.98	5.24	0.1	0.3	---	---
<b>RJ804 – RW02R</b>	---	---	---	---	140	160	0.87	3.07	---	---	4.98	5.24	0.1	0.3	---	---

<b>MISSED APPROACH SEGMENT</b>																
<b>Track</b>	<b>Bank Angle(°)</b>		<b>TWC (KT)</b>		<b>IAS (KT)</b>		<b>D<sub>MASRNP</sub> (NM)</b>		<b>TrD (NM)</b>		<b>Gradient (%)</b>		<b>RNP (NM)</b>		<b>TP Altitude (FT)</b>	
	Used	STD	Used	STD	Used	STD	Used	STD	Used	STD	Used	STD	Used	STD	Used	STD
<b>RW02R – RJ901</b>	---	---	---	---	175	240	1.66	1.15	---	---	---	---	0.15	1.0	---	---
<b>RJ901 – RJ008</b>	---	---	---	---	175	240	---	---	---	---	---	---	0.15	1.0	---	---
<b>RJ008 – RJ902</b>	19.65	18	---	---	175	240	---	---	---	---	---	---	---	---	---	---

<b>COD</b>	<b>Meaning</b>
STD	Value according to ICAO Documents
TWC	Tail Wind Component
IAS	Indicated Air Speed
D <sub>frop</sub>	Distance FROP-THEL
FROP	Final Roll-Out Point
TrD	Track Distance (Needed to comply turns)
TP Altitude	Turning Point Altitude
THEL	Threshold elevation
D <sub>MASRNP</sub>	Maximum distance of RNP navigation accuracy (requirement less than 1.0 NM in the missed approach)