CODING TABLE

IAC RNP W RWY 02R (AR)					RIO DE JANEIRO / Santos Dumont (SBRJ)							SBRJ_IAC_01E		14 JUL 22	
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	GELUT	IF	N/A	N/A	N/A	@6000	N/A	N/A	N/A	N/A	IAF	RNP 0.5
20	APCH	N	N/A	RJ931	TF	88.31° Mag / 65.41° True	N/A	N/A	@4800	N/A	N/A	4.56	N/A	OTHER	RNP 0.5
30	APCH	N	N/A	RJ031	TF	88.31° Mag / 65.38° True	N/A	N/A	+3500	N/A	N/A	4.89	N/A	OTHER	RNP 0.5
40	APCH	N	N/A	RJ032	TF	114.99° Mag / 92.03° True	N/A	N/A	+2700	N/A	N/A	5.00	N/A	IF	RNP 0.5
10	FINAL	N/A	N/A	RJ032	IF	N/A	N/A	N/A	+2700	N/A	N/A	N/A	N/A	IF	RNP 0.5
20	FINAL	N	N/A	RJ801	TF	133.63° Mag / 110.66° True	N/A	N/A	+1850	N/A	N/A	2.77	N/A	OTHER	RNP 0.5
30	FINAL	N/A	N/A	RJ802	RF	N/A	R	N/A	+1540	160	-	1.03	N/A	FAF	RNP 0.5
N/A	N/A	N/A	N/A	RJ800*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 2.00	N/A	N/A	N/A
40	FINAL	N/A	N/A	RJ803	RF	N/A	R	N/A	+1162	140	-	1.24	-2.85	OTHER	RNP 0.1
N/A	N/A	N/A	N/A	RJ800*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 2.00	N/A	N/A	N/A
50	FINAL	N/A	N/A	RJ804	RF	N/A	L	N/A	+305	140	-	2.83	-2.85	FROP	RNP 0.1
N/A	N/A	N/A	N/A	RJ805*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 0.90	N/A	N/A	N/A
60	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	0.70	N/A	OTHER	RNP 0.15
20	MA	N/A	N/A	RJ902	RF	N/A	R	-2000	N/A	175	-	5.11	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 2.30	N/A	N/A	N/A
30	MA	Y	N/A	EVRIR	TF	144.66° Mag / 121.65° True	N/A	N/A	@5500	N/A	N/A	18.70	N/A	MAHF	RNP 1.0
40	MA	Y	N/A	EVRIR	HM	310.00° Mag / 287.50° True	L	N/A	@5500	N/A	N/A	1.00 min	N/A	MAHF	RNP 1.0

* Fictious point: only for coding purposes.

	Latitude / Longitude (WGS84) DD:MM:SS.SS
GELUT	S 22:56:54.60W 43:30:34.80
RJ931	S 22:55:00.40W 43:26:05.12
RJ031	S 22:52:57.60W 43:21:15.60
RJ032	S 22:53:08.40W 43:15:51.00
RJ801	S 22:54:12.06W 43:12:59.68
RJ802	S 22:54:48.79W 43:12:06.38
RJ800	S 22:56:03.82W 43:13:48.05
RJ803	S 22:55:57.58W 43:11:38.22
RJ804	S 22:55:51.52W 43:09:41.41
RJ805	S 22:55:54.77W 43:10:39.80
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

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 / 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	
RJ801 – RJ802	26.98	18	---	---	---	---	---	---	---	---	4.97	5.24	0.1	0.3	---	---
RJ802 – RJ803	---	---	---	---	140	160	---	---	---	---	4.97	5.24	0.1	0.3	---	---
RJ803 – RJ804	25.60	18	---	---	140	160	---	---	---	---	4.97	5.24	0.1	0.3	---	---
RJ804 – RW02R	---	---	---	---	140	160	0.87	3.09	---	---	4.97	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 – RJ902	19.46	18	---	---	175	240	---	---	---	---	---	---	0.15	1.0	---	---

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)