



CODING TABLE

IAC RNP Y RWY 20L (AR)					RIO DE JANEIRO / Santos Dumont (SBRJ)							SBRJ_IAC_03D		01 DEC 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 (°)	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 1.0
20	APCH	N	N/A	POTGI	TF	93.93° Mag / 71.02° True	N/A	N/A	+4400	N/A	N/A	5.17	N/A	OTHER	RNP 1.0
30	APCH	N	N/A	RJ133	TF	103.00° Mag / 80.16° True	N/A	N/A	+3500	N/A	N/A	8.20	N/A	OTHER	RNP 1.0
40	APCH	N	N/A	RJ132	TF	118.00° Mag / 95.11° True	N/A	N/A	+2200	N/A	N/A	5.60	N/A	IF	RNP 0.5
10	FINAL	N/A	N/A	RJ132	IF	N/A	N/A	N/A	+2200	N/A	N/A	N/A	N/A	IF	RNP 0.5
20	FINAL	N	N/A	RJ131	TF	112.19° Mag / 89.27° True	N/A	N/A	+2000	130	-	1.67	N/A	FAF	RNP 0.5
30	FINAL	N	N/A	RJ911	RF	N/A	L	N/A	R1137	N/A	N/A	2.70	-3.00	OTHER	RNP 0.15
N/A	N/A	N/A	N/A	RJ915*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 1.07	N/A	RF center	N/A
40	FINAL	N	N/A	RJ906	RF	N/A	L	N/A	R368	N/A	N/A	2.41	-3.00	FROP	RNP 0.15
N/A	N/A	N/A	N/A	RJ915*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ARC RADIUS 1.07	N/A	RF center	N/A
50	FINAL	Y	N/A	RW20L	TF	199.58° Mag / 176.57° True	N/A	N/A	@50	N/A	N/A	1.00	-3.00	LTP	RNP 0.15
10	MA	N	N/A	RJ907	TF	199.58° Mag / 176.57° True	N/A	B1000	B500	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	-	1.70	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 2.15	N/A	RF center	N/A
30	MA	N	N/A	RJ909	TF	155.75° 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	UTGAX	TF	162.97° Mag / 139.95° 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 6.40	N/A	RF center	N/A

60	MA	Y	N/A	EVRIR	TF	98.97° Mag / 75.92° True	N/A	N/A	@5500	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	@5500	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	
GELUT	S 22:56:54.60W 43:30:34.80
POTGI	S 22:55:13.20 W 43:25:16.80
RJ133	S 22:53:48.60W 43:16:31.78
RJ132	S 22:54:18.54W 43:10:29.31
RJ131	S 22:54:17.25W 43:08:40.88
RJ249	S 23:03:57.58W 42:56:32.31
EVRIR	S 23:02:09.60W 42:48:48.00
RJ255	S 22:57:43.55W 42:58:13.62
RJ911	S 22:52:19.85W 43:08:01.38
RJ906	S 22:53:16.46W 43:09:51.45
RJ915	S 22:53:12.59 W 43:08:41.78
RW20L	S 22:54:16.56W 43:09:47.56
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
UTGAX	S 23:01:51.42W 43:03:32.65

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	
RJ906-RW20L	---	---	---	---	---	---	1.0	1.42	---	---	---	---	---	---	---	---
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	

RW20L-RJ907	---	---	---	---	---	---	---	---	---	---	---	---	0.15	1.0	---	---
RJ907-RJ908	17	15	30	40	175	240	---	---	---	---	---	---	0.2	1.0	---	---
RJ908-RJ909	---	---	---	---	---	---	---	---	---	---	---	---	0.2	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)