



CODING TABLE

IAC RNP W RWY 20L (AR)					RIO DE JANEIRO / Santos Dumont (SBRJ)							SBRJ_IAC_01H		27 JAN 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	RJ931	TF	88.14° Mag / 65.24° True	N/A	N/A	@4800	N/A	N/A	4.60	N/A	OTHER	RNP 1.0
30	APCH	N	N/A	RJ031	TF	88.14° Mag / 65.24° True	N/A	B4400	B3500	N/A	N/A	4.89	N/A	OTHER	RNP 1.0
40	APCH	N	N/A	RJ072	TF	96.83° Mag / 73.90° True	R	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	112.66° Mag / 89.71° True	N/A	N/A	+1770	N/A	N/A	3.30	N/A	FAF	RNP 0.1
30	FINAL	N	N/A	RJ904	TF	112.55° Mag / 89.58° True	N/A	N/A	+949	140	-	N/A	-2.90	OTHER	RNP 0.1
40	FINAL	N/A	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	RWY20L	TF	199.55° Mag / 176.56° 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	199.55° Mag / 176.56° True	N/A	N/A	+500	N/A	N/A	0.71	N/A	OTHER	RNP 0.1
20	MA	N/A	N/A	RJ908	RF	N/A	L	N/A	N/A	175	-	1.65	N/A	OTHER	RNP 0.1
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	155.71° Mag / 132.72° True	N/A	N/A	N/A	N/A	N/A	3.12	N/A	OTHER	RNP 1.0
40	MA	N	N/A	UTGAX	TF	163.02° Mag / 140.01° 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	+5500	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	98.95° Mag / 75.86° 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 / 287.50° 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 22:56:54.60 / W 43:30:34.80
RJ931	S 22:55:00.40 / W 43:26:05.12
RJ031	S 22:52:57.60 / W 43:21:15.60
RJ072	S 22:52:02.40 / W 43:17:40.20
RJ073	S 22:52:03.60 / W 43:14:06.00
RJ904	S 22:52:04.21 / W 43:11:13.94
RJ906	S 22:53:16.46 / W 43:09:51.45
RJ905	S 22:53:21.06 / W 43:11:14.25
RWY20L	S 22:54:16.56 / W 43:09:47.56
RJ907	S 22:54:59.48 / W 43:09:44.78
RJ908	S 22:56:26.95 / W 43:09:00.05
RJ910	S 22:54:51.70 / W 43:07:25.04
RJ909	S 22:58:34.34 / W 43:06:31.13
UTGAX	S 23:01:51.42 / W 43:03:32.65
RJ249	S 23:03:57.58 / W 42:56:32.31
RJ255	S 22:57:43.55 / W 42:58:13.62
EVRIR	S 23:02:09.60 / W 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(°)		TWC (KT)		IAS (KT)		Dfrop (NM)		TrD (NM)		Gradient (%)		RNP (NM)		TP Altitude	

	Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		(FT) Used / STD	
RJ073-RJ904	---	---	---	---	---	---	---	---	---	---	5.07	5.24	0.1	0.3	---	---
RJ904-RJ906	22	18/20	12	50	---	---	---	---	---	---	5.07	5.24	0.1	0.3	---	---
RJ906-RW20L	---	---	---	---	---	---	1.0	3.18	---	---	5.07	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	
RW20L-RJ907	---	---	30	50	---	---	0.7	1.22	---	---	---	---	0.1	1.0	---	---
RJ907-RJ908	18	15	30	50	---	---	---	---	---	---	---	---	0.1	1.0	---	---
RJ908-RJ909	---	---	---	---	---	---	---	---	---	---	---	---	0.1	1.0	---	---

COD	Meaning
STD	Value according to ICAO Documents
TWC	Tail Wind Component
IAS	Indicated Air Speed
D _{frop}	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)