



CODING TABLE

IAC RNP U RWY 20L (AR)					RIO DE JANEIRO / Santos Dumont (SBRJ)							SBRJ_IAC_01H		26 NOV 26	
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	88.20° Mag 65.27° 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	88.18° Mag 65.23° True	N/A	B4400	B3500	N/A	N/A	4.89	N/A	OTHER	RNP 1.0
40	APCH	N	N/A	RJ072	TF	97.52° Mag 74.55° True	N/A	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	113.34° Mag 90.35° True	N/A	N/A	R1770	N/A	N/A	3.30	N/A	FAF	RNP 1.0
30	FINAL	N	N/A	RJ904	TF	113.23° Mag 90.22° True	N/A	N/A	+949	N/A	N/A	2.65	-2.90	OTHER	RNP 0.1
40	FINAL	N/A	N/A	RJ906	RF	N/A	R	N/A	+357	140	-	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	RW20L	TF	199.58° 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	199.58° Mag 176.56° True	N/A	N/A	+500	N/A	N/A	0.71	N/A	OTHER	RNP 0.15
20	MA	N/A	N/A	RJ908	RF	N/A	L	N/A	N/A	175	-	1.65	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 2.2	N/A	RF center	N/A
30	MA	N	N/A	RJ909	TF	155.75° Mag 132.73° True	N/A	N/A	N/A	N/A	N/A	3.12	N/A	OTHER	RNP 0.2
40	MA	N	N/A	LOKUL	TF	163.06° Mag 140.03° 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 6.4	N/A	RF center	N/A

60	MA	Y	N/A	EVRIR	TF	98.97° Mag 75.91° 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	310.58° Mag 287.47° 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
RW20L	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
LOKUL	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
FROP	FINAL APPROACH ROLLOUT 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(°)		TWC (KT)		IAS (KT)		Dfrop (NM)		TrD (NM)		Gradient (%)		RNP (NM)		TP Altitude (FT)	
	Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD	
ALL PARAMETERS ARE ACCORDING TO ICAO DOCUMENTS																
INTERMEDIATE APPROACH SEGMENT																
Track	Bank Angle(°)		TWC (KT)		IAS (KT)		Dfrop (NM)		TrD (NM)		Gradient (%)		RNP (NM)		TP Altitude (FT)	
	Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		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 (FT)	
	Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		Used / STD		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	---	---	---	---	0.15	1.0	---	---
RJ907-RJ908	18	15	30	50	---	---	---	---	---	---	---	---	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)