

Identification	Aerodrome	Chart Code	AMDT
SID RNAV PUMSO 1C RWY 02/20	RIO DE JANEIRO / Santos Dumont (SBRJ)	SBRJ_SID_01A	21 MAY 20

Seq	Transition	Path Terminator	Navaid / Fix / WPT	Type / Function	Flyover (Y/N)	Navaid	Course Mag (True)	Dist (NM)	Turn (L/R)	IAS (KT)	Altitud e (FT)	Gradient (%)	Perform.
RWY 02	2												
010	Runway	CF	MALDU		N		108 (085.5)		R	-210	+2500		RNAV 1 or RNP 1
020	Runway	TF	UBMIG		N		108 (085.4)	7.8		-210	-5000		RNAV 1 or RNP 1
030	Runway	TF	PUMSO		N		108 (085.3)	4.0		-210			RNAV 1 or RNP 1
RWY 20)												
010	Runway	CF	EVSOB		N		161 (138.9)			-210	+2500		RNAV 1 or RNP 1
020	Runway	TF	UTGAX		N		161 (138.9)	2.6		-210			RNAV 1 or RNP 1
030	Runway	TF	MIA		N		090 (067.7)	10.1		-210	+7000		RNAV 1 or RNP 1
040	Runway	TF	PUMSO		N		052 (029.1)	6.7		-210			RNAV 1 or RNP 1
TRNS A	DA												
010	Enroute	IF	PUMSO		N								
020	Enroute	TF	ADA		N		108 (084.1)	41.0					RNAV 1 or RNP 1
TRNS T	TRNS TISVA												
010	Enroute	IF	PUMSO		N					-			
020	Enroute	TF	TISVA		N		085 (062.0)	36.5					RNAV 1 or RNP 1
TRNS IS	TRNS ISRIN												
010	Enroute	IF	PUMSO		N								

D20										
DATE	020	Enroute	TF	MOMVO	 N	 014 (351.5)	5.3	 	+FL080	 RNAV 1 or RNP 1
DIMISO TF	030	Enroute	TF	PCX	 N	 014 (351.5)	4.0	 		 RNAV 1 or RNP 1
PUMSO 1C TRNS UKRU	040	Enroute	TF	MOTNO	 N	 014 (351.3)	23.7	 	+FL230	 RNAV 1 or RNP 1
Display	050	Enroute	TF	ISRIN	 N	 014 (351.3)	10.0	 		 RNAV 1 or RNP 1
Display										
Description TF MOMVO N O14 (351.5) 5.3 +FL080 RNAV 1 or RNP 1	PUMSO	1C TRNS UKE	NU							
030 Enroute TF PCX N 014 (351.5) 4.0 .	010	Enroute	IF	PUMSO	 N	 		 		
040 Enroute TF MOTNO N 014 (351.3) 23.7 +FL230 RNAV 1 or RNP 1	020	Enroute	TF	MOMVO	 N	 014 (351.5)	5.3	 	+FL080	 RNAV 1 or RNP 1
DSO Enroute TF ISRIN N 014 (351.3) 10.0 RNAV 1 or RNP 1	030	Enroute	TF	PCX	 N	 014 (351.5)	4.0	 		 RNAV 1 or RNP 1
Description	040	Enroute	TF	MOTNO	 N	 014 (351.3)	23.7	 	+FL230	 RNAV 1 or RNP 1
PUMSO 1C TRNS IMBAP 010	050	Enroute	TF	ISRIN	 N	 014 (351.3)	10.0	 		 RNAV 1 or RNP 1
010 Enroute IF PUMSO N <	060	Enroute	TF	UKENU	 N	 071 (047.5)	85.1	 		 RNAV 1 or RNP 1
010 Enroute IF PUMSO N <										
020 Enroute TF MOMVO N 014 (351.3) 5.3 +FL080 RNAV 1 or RNP 1 030 Enroute TF PCX N 014 (351.4) 4.0 RNAV 1 or RNP 1 040 Enroute TF MOTNO N 014 (351.1) 10.0 RNAV 1 or RNP 1 050 Enroute TF ISRIN N 014 (351.1) 10.0 RNAV 1 or RNP 1 060 Enroute TF IMBAP N 055 (032.6) 37.4 RNAV 1 or RNP 1 PUMSO 1CTRNS MUDKA 010 Enroute IF PUMSO N	PUMSO	1C TRNS IMB	AP							
030 Enroute TF PCX N 014 (351.4) 4.0 RNAV 1 or RNP 1 040 Enroute TF MOTNO N 014 (351.1) 23.7 +FL230 RNAV 1 or RNP 1 050 Enroute TF ISRIN N 014 (351.1) 10.0 RNAV 1 or RNP 1 060 Enroute TF IMBAP N 055 (032.6) 37.4 RNAV 1 or RNP 1 PUMSO IC TRNS MUDKA 010 Enroute IF PUMSO N RNAV 1 or RNP 1 020 Enroute IF PUMSO N	010	Enroute	IF	PUMSO	 N	 		 		
040 Enroute TF MOTNO N 014 (351.1) 23.7 +FL230 RNAV 1 or RNP 1 050 Enroute TF ISRIN N 014 (351.1) 10.0 RNAV 1 or RNP 1 060 Enroute TF IMBAP N 055 (032.6) 37.4 RNAV 1 or RNP 1 PUMSO 1C TRNS MUDKA 010 Enroute IF PUMSO N RNAV 1 or RNP 1 020 Enroute IF PUMSO N -	020	Enroute	TF	MOMVO	 N	 014 (351.3)	5.3	 	+FL080	 RNAV 1 or RNP 1
050 Enroute TF ISRIN N 014 (351.1) 10.0 RNAV 1 or RNP 1 060 Enroute TF IMBAP N 055 (032.6) 37.4 RNAV 1 or RNP 1 PUMSO 1C TRNS MUDKA 010 Enroute IF PUMSO N <	030	Enroute	TF	PCX	 N	 014 (351.4)	4.0	 		 RNAV 1 or RNP 1
060 Enroute TF IMBAP N 055 (032.6) 37.4 RNAV 1 or RNP 1 PUMSO 1C TRNS MUDKA 010 Enroute IF PUMSO N <t< td=""><td>040</td><td>Enroute</td><td>TF</td><td>MOTNO</td><td> N</td><td> 014 (351.1)</td><td>23.7</td><td> </td><td>+FL230</td><td> RNAV 1 or RNP 1</td></t<>	040	Enroute	TF	MOTNO	 N	 014 (351.1)	23.7	 	+FL230	 RNAV 1 or RNP 1
PUMSO 1C TRNS MUDKA 010 Enroute IF PUMSO N <td< td=""><td>050</td><td>Enroute</td><td>TF</td><td>ISRIN</td><td> N</td><td> 014 (351.1)</td><td>10.0</td><td> </td><td></td><td> RNAV 1 or RNP 1</td></td<>	050	Enroute	TF	ISRIN	 N	 014 (351.1)	10.0	 		 RNAV 1 or RNP 1
010 Enroute IF PUMSO N <	060	Enroute	TF	IMBAP	 N	 055 (032.6)	37.4	 		 RNAV 1 or RNP 1
010 Enroute IF PUMSO N <										
010 Enroute IF PUMSO N <										
020 Enroute TF MOMVO N 014 (351.4) 5.3 +FL080 RNAV 1 or RNP 1 030 Enroute TF PCX N 014 (351.4) 4.0 RNAV 1 or RNP 1 040 Enroute TF MOTNO N 014 (351.3) 23.7 +FL230 RNAV 1 or RNP 1 050 Enroute TF ISRIN N 014 (351.3) 10.0 RNAV 1 or RNP 1	PUMSO	1C TRNS MUI	OKA							
030 Enroute TF PCX N 014 (351.4) 4.0 RNAV 1 or RNP 1 040 Enroute TF MOTNO N 014 (351.3) 23.7 +FL230 RNAV 1 or RNP 1 050 Enroute TF ISRIN N 014 (351.3) 10.0 RNAV 1 or RNP 1	010	Enroute	IF	PUMSO	 N	 		 		
040 Enroute TF MOTNO N 014 (351.3) 23.7 +FL230 RNAV 1 or RNP 1 050 Enroute TF ISRIN N 014 (351.3) 10.0 RNAV 1 or RNP 1	020	Enroute	TF	MOMVO	 N	 014 (351.4)	5.3	 	+FL080	 RNAV 1 or RNP 1
050 Enroute TF ISRIN N 014 (351.3) 10.0 RNAV 1 or RNP 1	030	Enroute	TF	PCX	 N	 014 (351.4)	4.0	 		 RNAV 1 or RNP 1
	040	Enroute	TF	MOTNO	 N	 014 (351.3)	23.7	 	+FL230	 RNAV 1 or RNP 1
	050	Enroute	TF	ISRIN	 N	 014 (351.3)	10.0	 		 RNAV 1 or RNP 1
060 Enroute TF TOSAT N 337 (314.1) 33.7 RNAV 1 or RNP 1	060	Enroute	TF	TOSAT	 N	 337 (314.1)	33.7	 		 RNAV 1 or RNP 1
070 Enroute TF MUDKA N 340 (317.6) 15.8 RNAV 1 or RNP 1	070	Enroute	TF	MUDKA	 N	 340 (317.6)	15.8	 		 RNAV 1 or RNP 1

ldent	Latitude / Longitude (WGS84) DD:MM:SS.SS
ADA	S 22:48:45.99W 42:05:43.22
PCX	S 22:42:55.42W 42:51:26.72
TOSAT	S 21:46:03.85W 43:23:01.43
MALDU	S 22:53:07.20W 43:02:41.40
UBMIG	S 22:52:30.57W 42:54:16.00
PUMSO	S 22:52:11.76W 42:49:57.13
MOMVO	S 22:46:56.36W 42:50:49.32
MOTNO	S 22:19:25.17W 42:55:20.73
MUDKA	S 21:34:20.40W 43:34:30.60
IMBAP	S 21:37:58.21W 42:35:11.25
ISRIN	S 22:09:31.80W 42:56:58.80
UKENU	S 21:12:03.60W 41:49:25.84
TISVA	S 22:35:01.48W 42:15:01.94
EVSOB	S 22:59:54.64W 43:05:22.58
UTGAX	S 23:01:51.42W 43:03:32.65
MIA	S 22:58:01.83W 42:53:27.41

DER	Coord. (WGS 84) DD:MM:SS.SS	Elevação Elevation (ft)
02L	S 22:54:16.59 W 43:09:50.22	8.53 ft MSL
20R	S 22:54:57.60 W 43:09:47.57	8.86 ft MSL
02R	S 22:54:16.55 W 43:09:47.56	9.51 ft MSL
20L	S 22:54:59.49 W 43:09:44.78	9.19 ft MSL

COD	Meaning					
+	AT OR ABOVE					
-	AT OR BELOW					
=	MANDATORY					
	RECOMMENDED					
SDF	STEP DOWN FIX					
Υ	YES					
N	NO					
L	LEFT					
R	RIGHT					