NAVAID

BRASILIA From 10 October 2019, 0000 UTC to 31 December 2020, 2359 UTC VOR/DME BSI 116.30 MHz/CH 110X will be unserviceable.

CAMPINAS From 03 DEC 20 0000Z until 05 DEC 21 2359Z CPN VOR unserviceable.

JACAREACANGA Effective until 31 DEC 2022, 2359Z. JACAREACANGA, JAC (VOR/DME) 112.20MHz will be unserviceable.

RIBEIRAO VOR/DME (RPR) will be unserviceable from 0000 UTC 06 DEC 18 to 2359 UTC 31 DEC 20.

TUCURUI VOR/DME TUI 112.90 Mhz / CH76X unserviceable.

AMAZONICA FIR

From 05 DEC 19 until 31 DEC 21, Amazonica ACC sector 2 frequency 126.150 MHz change to 125.750 MHz, sector 4 frequency 123.95 MHz change to 123.65 MHz, sector 5 frequency 126.150 MHz change to 133.350 MHz, sector 14 frequency 123.550 MHz (Primary) change to 123.850 MHz, 128.300 MHz (Secondary) change to 128.050 MHz.

COLOMBIA

UL474 SUSPENDED TOMEK - ROKIN.

TERMINAL

BOLIVIA

SLLP, El Alto Intl
La Paz, IAC VOR Y RWY 10 (S10-Y) is suspended until further notice.

SLTJ, Capt Oriel Lea Plaza
Tarija, Rwy 31 PAPI unserviceable.

SLTR, Jorge Henrich Arauz
Trinidad, SIDs AKRIM1, EKAVI1, EKAVI2, IREDO1, IRIV1, KETIP1, MIKL1, MOXUS1, TOBL1, UBLEX1 suspended as of 18 OCT 2019 until further notice.

BRAZIL

SBAN, Anapolis Air Base
Anapolis, KETUL1 SID - GOI VOR withdrawn per SBGO notam Z3847/16.

SBAT, Alta Floresta
Alta Floresta, NDB Z RWy 04 (N04-Z) is not available from 5 Dec 19, 0000 UTC to 31 Dec 22, 2359 UTC.

SBAX, Araxa
Araxa, Departure [MASD1A] not available from 30 JAN 20000Z until 31 DEC 2021 2359Z.

SBBE, Val De Cans-Ribeiro Intl
Belem, Departure RW02 RNAV JANES1 transition RW02 suspended until 31 DEC 22 2359UTC. RNAV (GNSS) Rw 24 (R24) not available to LNAV/ VNAV from 05 Dec 19, 0000 UTC to 31 Dec 22, 2359 UTC.

SBBH, Pampulha-Carlos Drummond De Andrade
Belo Horizonte, From 10 Oct 2019, 0000UTC to 01 Feb 2021, 2359UTC, Air to Ground (traffic) freq 121.100MHz unserviceable.

RNAV (GNSS) A Rw 31 (RNA) is not available from 12 Sep 2019, 0000 UTC to 31 Dec 2020, 2359 UTC.

SBBR, Pres Juscelino Kubitschek Intl
Praia de Itacuruba, RWY 07L/25R, FALL BAR (gravity) freq 121.100 MHz unserviceable. RNAV (GNSS) C RW 18 (RNA) is not available from 12 Sep 2019, 0000 UTC to 31 Dec 2020, 2359 UTC.

SBFB, Cabo Frio
Cabo Frio, From 01 OCT 2020, 0900 UTC to 01 FEB 2021, 2100UTC maintenance service will take place on sides of RWY 10/28.

RNAV (GNSS) Rw 10 and RNAV (GNSS) Rw 28 LNAV/VNAV is not available.

RNAV (GNSS) RW 10 and RNAV (GNSS) RW 28 LNAV/VNAV not available.

SBCF, Tancredo Neves Intl
Belo Horizonte, From 16 July 2020, 0000 UTC to 21 January 2021, 0259 UTC, PAPI Rw 34 (Right Bar) unserviceable.

SID KUBE1A transition DEJAN not available from 08 Oct 2020, 0000 UTC to 08 Oct 2021, 2359 UTC.

**SBCI, Brig Lysias A Rodrigues**

**Carolina,** All runway lighting facilities unavailable.
Effective 0000UTC 5 Dec 2019 to 2359UTC 31 Dec 2021.

From 0000UTC 05 DEC 2019 to 2359UTC 31 DEC 2021.
Declared Distance of Rwy 11/29 Modified:

- Rwy 11 TORA 5906'(1800m) TODA 5676'(1730m) ASDA 5906'(1800m) LDA 5906'(1800m) Rwy 29 TORA 5906'(1800m) TODA 5906'(1800m) ASDA 5906'(1800m) LDA 5381'(1640m)

**SBDD, Bonito**

**Bonito,** RNAV (GNSS) Rwy 18 (R18) is not available from 18 July 19, 0000 UTC until 18 July 29, 2359 UTC.

SIDs DOKMA 1, ISONI 1, KODRI 1 not available for runway 36.

SIDs DOKMA1, ISONI1, KODRI1 not available for runway 18.

**SBEG, Eduardo Gomes Intl**

**Manaus,** Departures RW11/29 KODLU 1A [KODL1A], KODLU 1B [KODL1B] not available effective 05 Dec 2019 0000 UTC until 31 Dec 2022 2359 UTC.

[ILKU1A] ILKUP 1A DEP not available from 0000Z 05 Dec 2019 until 2359Z 31 Dec 2022.

[ILKU1B] ILKUP 1B DEP not available from 0000Z 05 Dec 2019 until 2359Z 31 Dec 2022.

**SBGL, Galeao-Antonio Carlos Jobim Intl**


**SBGO, Santa Genoveva**

**Goiania,** RNAV (GNSS) X Rwy 14 is not available. RNAV (GNSS) X Rwy 14 not available.

**SBIC, Itacoiara**

**Itacoiara,** From 25 APR 2019 0000 UTC until 31 DEC 2021 2359 UTC NDB YTC 320 Khz not usable.

**SBII, Itaituba**

**Itaituba,** Effective to 31 Dec 2022, 2359Z.
The first 1017*(310m)* of runway 05 closed to landing. The last 1017*(310m)* of runway 23 closed to take-off.

Declared Distances are as follows:

- Rwy 05: TORA= 5266’ (1605m), TODA= 5266’ (1605m), ASDA= 5266’ (1605m), LDA= 4249’ (1295m)
- Rwy 23: TORA= 4249’ (1295m), TODA= 4249’ (1295m), ASDA= 4249’ (1295m), LDA= 5266’ (1605m)

Effective to 31 Dec 2022, 2359Z. VASIS (AVASI) Rwy 05 are not usable.

**SBJL, Ji-Parana**

**Ji-Parana,** Departures RW03/21 RNAV JI0031 - JI0041 - JI0061 - JI0071 suspended until 31 DEC 2022 2359UTC.

RNAV (GNSS) Rwy 03 (R03) is suspended from 05 Dec 19, 0000 UTC to 31 Dec 22, 2359 UTC.

**SBKG, Joao Suassuna**

**Campina Grande,** From 03 DEC 2020, 0000Z to 31 JAN 2021, 0000Z. AFIS 125.500 MHZ available daily 0915-0345Z, other times on request 24H in advance via (83) 99107-4533, (81) 98194-3699, (83) 3332-9012, (83) 3331-1306.

**SBLO, Governador Jose Richa**

**Londrina,** [KUDRI1A] KUDRI 1A DEP not available from 10 Sep 2020, 0000 UTC till 14 Jul 2021, 2359 UTC.

**SBMN, Ponta Pelada**

**Manaus,** Departure DADRA2 not available effective until 31 Dec 2022 2359 UTC.
Departures KODLU 2 [KODLU2], KODLU 3 [KODLU3] not available effective until 31 Dec 2022 2359 UTC.

[ILKUP2] ILKUP 2 and [ILKUP3] ILKUP 3 departures are not available until 31 DEC 2022 2359Z.

**SBMQ, Alberto Alcolombre Intl**

**Macapa,** Departures RW08/26 CAMI, LADO, MATI suspended until 31 DEC 2022 2359UTC.

**SBPA, Salgado Filho Intl**

**Porto Alegre,** Departure VUGE1B: valid from 02 JAN 2020 0000Z until 02 JAN 2021 2359Z, aircraft with flight level in the upper airspace must, after OPKIT, fly direct EGBIP to intercept airway UNES7.

**SBPC, Pocos De Caldas**

**Pocos De Caldas,** NDB Rwy 09 (N09) not available from 28 March 19, 0000 UTC to 31 Jan 23, 2359 UTC.

**SBPK, Pelotas Intl**

**Pelotas,** Runway 15/33 closed due to runway irregularity.

Days and hours: H24
Period: From 20 June 2019, 0000 Z to 30 June 2023, 2359 Z.

**SBPL, Sen Nilo Coelho**

**Petrolina,** From 03 Dec 2020, 0000Z to 03 Dec 2021, 1930Z, daily 1120-1425Z and 1820-1930Z, Rwy 13/31 closed due to work.

From 03 December 2020, 0000 UTC to 30 March 2021, 2100 UTC. Taxiway Charlie closed in front of Fire Section due to work.

**SBPS, Porto Seguro**

**Porto Seguro,** RNAV (GNSS) Rwy 10, LNAV/VNAV not available. Ef 05 Nov 21.

**SBQI, Carcarei**

**Caracarei,** RNAV (GNSS) Rwy 04 (R04) and RNAV (GNSS) Rwy 22 (R22) are not available from 10 Oct 19, 0000 UTC through 31 Dec 20, 2359 UTC.

**SBRP, Leite Lopes**

**Ribeirao Preto,** Taxi with caution on Alfa Twydue to limited visibility from the tower.

**SBSI, Presidente Joao Batista Figueiredo**

**Sinop,** RNAV (GNSS) Rwy 03 (R03) and RNAV (GNSS) Rwy 21 (R21) are not available from 20 Jun 19, 0000UTC to 31 DEC 20, 2359 UTC.

**SBSM, Santa Maria**

**Santa Maria,** From Jul 16, 2020, 0000 UTC to May 03, 2021, 1710 UTC, ALS (ALSF-1) Rwy 11 not usable.
SBTU, Tucurui
Tucurui, Landing area lights not available, VASI Rwy 02 and VASI Rwy 20 inoperative from 0000Z 05 DEC 2019 to 2359Z 31 DEC 2021.

CHILE
SCEL, Arturo Merino Benitez Intl
Santiago, Procedures ILS Y Rwy 17R, VOR Rwy 17R, RNAV (GNSS) Y Rwy 17R, RNAV (RNP) T Rwy 17R and RNAV (RNP) X Rwy 17R are not available during working construction on Runway 17R and are replaced by procedures to displaced threshold Rwy 19.
Rwy 19 available, coords S 32-22-59.47/W 070-48-11.21, rwy length 8366’ (2550m), rwy elevation 1551’, declared distances TORA/ASDA/TODA/LDA 8366’ (2550m) Rwy 35L declared distances: TORA/TODA/LDA 8366’ (2550m).

SCFA, Cerro Moreno Intl
Antofagasta, Apcp. proc. RNAV (RNP) Z Rwy 01, RNAV (RNP) Z Rwy 19, RNAV (GNSS) Y Rwy 01, RNAV (GNSS) Y Rwy 19 are suspended during construction activities on Runway 01/19.
For apch. proc. VOR Z Rwy 19, VOR Y Rwy 19, VOR X Rwy 19, VOR Z Rwy 01, VOR Y Rwy 01, NDB Rwy 01 execute SIDESTEP maneuver to Runway 01R/19L due to closure of Runway 01/19.

COLOMBIA
SKLT, Alfredo Vasquez Cobo
Leticia, During threshold displacement runway 21, the following approach procedures are suspended: ILS Z CAT 1 Rwy 21, VOR Rwy 21, LOC Rwy 21, RNAV (GNSS) Rwy 21, and ILS Y Rwy 21.

SKPB, Portete
Puerto Bolivar, SIDs RHC1C & CJN1E, waypoint PB901 should be PB006.

GYANA
SYCJ, Cheddi Jagan Intl
Georgetown, Construction of Twys J and K have been completed however, the use of these Twys are available subject to prior approval by the Airport Authority.
Due to Rwy 06/24 extension works, pilots are to exercise caution when operating into SYCJ. Men and heavy earth moving equipment will be along extended center lines of Rwy 06/24. These operations will be conducted daily on a 24 hr basis. Tower will be in radio contact with site supervisor on Gnd frequency.
Rwy 24 and Rwy 06 threshold lights unserviceable; portable lights in use. PAPI lights for Rwy 24 withdrawn due to maintenance.

PARAGUAY
SGES, Guarani Intl
Ciudad Del Este, Departures RW05/23 ALDOS, COSTA, DAGOL, KAMIL, MATEL suspended. AIP SUP A04/C04/2016.

PERU
SPJC, Jorge Chavez Intl
Lima-Callao, The following procedures are revised during the deactivation of SLS VOR:
SIDs GAXO 1F/1G transition SLS suspended.
For aircraft joining airway T329, after GAXO wait for revised routing via vectors.
SID ITAVU 1F after TOGSU, proceed direct to ITAVU and continue on assigned transition.
SID ITAVU 1G climb on Runway track to 500’, turn left heading 230, initial climb to 3000’ until 12 DME JCL VOR, then direct TOGSU, direct ITAVU and continue on authorized transition.
SLS VOR duration of deactivation will be promulgated by NOTAM.
The following procedures are revised during the deactivation of SLS VOR:
STAR KOMGO2 use SLS VOR GNSS distance as reference.
STAR SLS6 suspended. Wait for vectors to KALAR and proceed according to ATC instructions.
SLS VOR duration of deactivation will be promulgated by NOTAM.

SPRU, Cap Carlos Martinez De Pinillos
Trujillo, During periods where TRU VOR/DME is out of service per State NOTAMS, the following applies:
Only the following approach procedures will be available:
ILS RWY 02: Aircraft bound for Trujillo via AWY V1/UV1/G675 will use distance information from GNSS and/or DME using ILS/DME IMDP 109.7 MHz. Aircraft bound for Trujillo via AWY UM542, will use the STAR RNAV VUGAL 1 to IREPO and continue ILS Rwy 02. IREPO is located on the LOC centerline at 11.8 DME IMDP. IREPO holding pattern outbound leg terminates at 17 DME IMDP or 1 minute. RNAV (RNP) Rwy 20: Available only to operators with RNP AR approval for aircraft and crew.
The following instrument approach procedures are suspended: VOR Rwy 02, VOR A, VOR B SIDs RELUN 1F, VATES 2F, ESML 1B suspended while Trujillo (TRU) VOR is out of service.
The start and end dates of the temporary suspension shall be communicated through NOTAM messages.
STAR's RELUN 1A and VATES 2A suspended while Trujillo (TRU) VOR is out of service. The start and end dates of the temporary suspension shall be communicated through NOTAM messages.
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