



**Tradewind VA**



## **Flight Briefing Package**

**TCC221A KBOS-SBGR**

**06-Nov-2022 #1**

RELEASE #1

LOGAN INTL  
(UNITED STATES)

-

GUARULHOS-GOV ANDRE FRANCO MON  
(BRAZIL)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

06 NOV 0826 UTC

**TCC221A KBOS-SBGR (06-Nov-2022) #1**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC221A PJTGC KBOS-SBGR

ALL WEIGHTS IN KILOGRAMS (KG)

STD 06NOV/1025Z

OFP 1 - PREPARED 06NOV/0826Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR221A/TCC221A PJTGC/B777-2LR GE SEL/SALH ROUTE: KBOSSBGR02

DEP: KBOS/BOS 22L ELEV 19 FT COST INDEX: 250 TTL G/C DIST: 4183 NM

ARR: SBGR/GRU 10R ELEV 2461 FT INIT ALT: FL340 TTL F/P DIST: 4371 NM

FUEL BIAS: 102.5% TTL AIR DIST: 4393 NM

AVG WIND CMP: HD002 KT

ALT: SBKP/VCP 15 ELEV 2170 FT 54 NM

| CONFIG   | DOW    | PAX | CARGO | TOTAL | ULOAD LIM | ZFW        | TOW    | LDW    |
|----------|--------|-----|-------|-------|-----------|------------|--------|--------|
| STANDARD | 156746 | 264 | 0     | 26136 | 12195 TOW | MAX 209106 | 269591 | 223167 |
|          |        |     |       |       |           | PLN 182882 | 257396 | 194939 |
|          |        |     |       |       |           | ACT .....  | .....  | .....  |

\*\* TAKE-OFF DATA KBOS 22L \*\*

COND: 257396 KG // RWY DRY // +19°C Q1023 200/11 // LMT: OBS(C)

CONFIG: FLAPS 5 // D-T01 +37C // A/I OFF/AUTO // A/C ON

SPEEDS: V1=152 VR=155 V2=161

ENG OUT: AT 3 DME 'BOS' 112.70 LT TO 'LI' 346.0 (331 INBD,RT)

|            | FUEL  | CORR  | ENDUR |                                       |
|------------|-------|-------|-------|---------------------------------------|
| TRIP       | 62457 | ..... | 09:06 |                                       |
| CONT 5%    | 3123  | ..... | 00:31 |                                       |
| ALTN SBKP  | 1378  | ..... | 00:14 |                                       |
| FINAL RESV | 3028  | ..... | 00:30 |                                       |
| HOLD       | 2016  | ..... | 00:20 |                                       |
| ADD FUEL   | 1000  | ..... | 00:10 |                                       |
| MIN T/O    | 73002 | ..... | 10:51 | .....                                 |
| EXTRA      | 1512  | ..... | 00:15 | CAPTAINS SIGNATURE (....)             |
| TAXI       | 1005  | ..... | 00:15 |                                       |
| RELEASE    | 75519 | ..... | 11:21 | I ACCEPT THIS OFP AND I AM FAMILIAR   |
| ARR FUEL   | 11387 | ..... | 01:50 | WITH THE PLANNED ROUTE AND AERODROMES |

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 13707 KG LIM BY ENRTE

TRIP CORR FOR 5000 KG TOW INCR: +894 KG / 5000 KG TOW DECR: -868 KG

2000 FT LOWER: +837 KG / EET 08:59 CLB: 250/310/84 DES: 84/320/250

|      |                   |            |               |                |              |
|------|-------------------|------------|---------------|----------------|--------------|
| KBOS | STD 10:25Z/05:25L | ETD 10:25Z | ACT OFBL .... | EST T/O 10:40Z | ACT T/O .... |
| SBGR | STA 20:40Z/17:40L | ETA 19:56Z | ACT ONBL .... | EST LDG 19:46Z | ACT LDG .... |
|      | SKD 10:15         | PLN 09:31  | TTL BLCK .... | EST FLT 09:06  | TTL FLT .... |

\*\*\*\*\* 90 MIN ETOPS CRITICAL FUEL SUMMARY \*\*\*\*\*

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

|                    |                     |                    |           |
|--------------------|---------------------|--------------------|-----------|
| ETOPS ENTRY (TXKF) | 134 NM BEFORE TARMO | N25 41.2 W063 30.6 | EET 02:30 |
| ETOPS EXIT (TXKF)  | 79 NM BEFORE TARMO  | N24 47.2 W063 19.2 | EET 02:38 |

**TCC221A KBOS-SBGR (06-Nov-2022) #1****ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

TXKF (14:03-14:30)

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**ONE ENGINE OUT CRP 1 FOR TXKF** N24 47.8 W063 19.3 EET 02:38  
1E084/320 DESC TO FL264 CRUISE AT 1E0320 79 NM BEFORE TARMO  
PLN FUEL OVER CRP 52487 CRP FUEL REQ 10774 DIV TIME 00:58  
CRP TO TXKF (N32 21.9 W064 40.7) DIST 460 NM WC TL022 TT 351  
\*\*\* FUEL DUMP REQUIRED \*\*\*

**ONE ENGINE OUT DECOMP CRP 1 FOR TXKF** N24 47.8 W063 19.3 EET 02:38  
84/320/250 DESC TO FL100 CRUISE AT 1E0320 79 NM BEFORE TARMO  
PLN FUEL OVER CRP 52487 CRP FUEL REQ 10887 DIV TIME 01:12  
CRP TO TXKF (N32 21.9 W064 40.7) DIST 460 NM WC TL012 TT 351  
\*\*\* FUEL DUMP REQUIRED \*\*\*

**ALL ENGINE DECOMP CRP 1 FOR TXKF** N24 47.8 W063 19.3 EET 02:38  
84/320/250 DESC TO FL100 CRUISE AT AE320 79 NM BEFORE TARMO  
PLN FUEL OVER CRP 52487 CRP FUEL REQ 10392 DIV TIME 01:12  
CRP TO TXKF (N32 21.9 W064 40.7) DIST 460 NM WC TL012 TT 351  
\*\*\* FUEL DUMP REQUIRED \*\*\*

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**ATC ROUTE:** N0498F340 SS0XS6 SS0XS DCT BUZRD DCT SEY DCT HT0/N0493F350 DCT LINND  
DCT SQUAD DCT DARUX L459 DASER DCT PIREX/M085F360 L462 LAMKN UL462  
ANU/N0491F370 UL462 ILRIP/N0489F380 UL462 RUSTE/N0487F390 UZ26 GELVA  
UZ6 NIMKI UZ38 VUNOX VUN01A

**ALTERNATE PLANNING**

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| ALTN/RWY | DIST | ALT/FL | MSA | COMP  | TIME  | FUEL | DIFF | ROUTE |
|----------|------|--------|-----|-------|-------|------|------|-------|
| SBKP/15  | 54   | FL120  | 072 | HD005 | 00:14 | 1378 | -    | DCT   |

MOST CRITICAL MORA 9200 FT AT SUPTO

-----

| AWY    | WAYPOINT   | MT  | ALT  | MSA | FREQ    | TAS | LEG  | FUEL REM / USED  | LEG         | ACC   |
|--------|------------|-----|------|-----|---------|-----|------|------------------|-------------|-------|
| -FIR   | NAME       |     |      | ISA | WND/SPD | GS  | REM  | POSITION         | ETO / ATO   |       |
|        | KBOS/22L   |     | 19   | 049 |         |     |      | 74.5 / 1.0       |             |       |
|        | LOGAN INTL |     |      |     |         |     | 4371 | N4222.4 W07100.1 | ...../..... |       |
| SS0XS6 | TJAYY      | 171 | *CLB | 049 |         | 6   |      | 73.3 / 2.2       | 03          | 00.03 |
|        |            |     |      | P05 | 229/046 |     | 4365 | N4218.3 W07057.6 | ...../..... |       |
| SS0XS6 | BRRRO      | 091 | *CLB | 021 |         | 7   |      | 72.8 / 2.7       | 01          | 00.04 |
|        |            |     |      | P10 | 226/041 |     | 4358 | N4220.0 W07048.1 | ...../..... |       |
| SS0XS6 | BUCYK      | 129 | *CLB | 021 |         | 6   |      | 72.5 / 3.0       | 01          | 00.05 |
|        |            |     |      | P10 | 225/043 |     | 4352 | N4217.6 W07041.0 | ...../..... |       |
| SS0XS6 | JSTER      | 176 | *CLB | 021 |         | 10  |      | 72.0 / 3.6       | 02          | 00.07 |
|        |            |     |      | P11 | 223/046 |     | 4342 | N4208.4 W07036.8 | ...../..... |       |

# TCC221A KBOS-SBGR (06-Nov-2022) #1

|              |                      |     |                         |          |                  |             |       |
|--------------|----------------------|-----|-------------------------|----------|------------------|-------------|-------|
| SSOXS6       | <b>SSOXS</b>         | 213 | *CLB 021                | 19       | 71.1 / 4.4       | 03          | 00.10 |
|              |                      |     | P09 222/048             | 4323     | N4150.2 W07044.8 | ...../..... |       |
| DCT          | <b>BUZRD</b>         | 224 | *CLB 020                | 20       | 70.3 / 5.2       | 02          | 00.12 |
|              |                      |     | P08 221/045             | 4303     | N4132.8 W07057.9 | ...../..... |       |
| DCT          | <b>*TOC</b>          | 245 | FL340 027               | 498 17   | 69.8 / 5.7       | 03          | 00.15 |
|              |                      |     | P06 219/047             | 452 4286 | N4122.0 W07115.4 | ...../..... |       |
| DCT          | <b>SEY</b>           | 245 | FL340 027 <b>117.80</b> | 498 19   | 69.5 / 6.0       | 02          | 00.17 |
|              | SANDY POINT BLOCK IS |     | P06 220/048             | 451 4267 | N4110.1 W07134.6 | ...../..... |       |
| DCT          | <b>HTO</b>           | 260 | *CLB 042 <b>113.60</b>  | 37       | 68.9 / 6.6       | 05          | 00.22 |
|              | HAMPTON EAST HAMPTON |     | P06 218/051             | 4231     | N4055.1 W07219.0 | ...../..... |       |
| DCT<br>-KZNY | <b>*BDRY</b>         | 176 | FL350 020               | 493 44   | 68.2 / 7.4       | 06          | 00.28 |
|              |                      |     | P06 224/037             | 468 4186 | N4012.9 W07201.8 | ...../..... |       |
| DCT          | <b>LINND</b>         | 176 | FL350 020               | 493 51   | 67.4 / 8.2       | 06          | 00.34 |
|              |                      |     | P06 221/026             | 478 4136 | N3924.6 W07142.6 | ...../..... |       |
| DCT<br>-KZWY | <b>SQUAD</b>         | 161 | FL350 010               | 493 100  | 65.8 / 9.7       | 12          | 00.46 |
|              |                      |     | P06 192/009             | 485 4036 | N3759.9 W07035.0 | ...../..... |       |
|              | <b>TXKF</b>          | 167 | FL350 010               | 97       | 64.4 / 11.1      | 12          | 00.58 |
|              |                      |     | P06 352/011             | 3939     | N3633.2 W06941.5 | ...../..... |       |

## OCEANIC ENTRY

|                          |    |     |           |              |      |       |    |       |
|--------------------------|----|-----|-----------|--------------|------|-------|----|-------|
| [ ] LR NAV ACCUR CHECK   | AT | __Z | CAPT      | _____        | STBY | _____ | FO | _____ |
| [ ] RVSM ALTIMETER CHECK | AT | __Z | CAPT      | _____        | STBY | _____ | FO | _____ |
| [ ] COMPASS HDG CHECK    | AT | __Z | CAPT      | _____        | STBY | _____ | FO | _____ |
| [ ] HF CHECK             | AT | __Z | SIGNATURE | (....) _____ |      |       |    |       |

|      |              |     |             |          |                  |             |       |
|------|--------------|-----|-------------|----------|------------------|-------------|-------|
| DCT  | <b>DARUX</b> | 168 | FL350 010   | 492 26   | 64.0 / 11.5      | 03          | 01.01 |
|      |              |     | P05 060/022 | 492 3913 | N3609.6 W06927.3 | ...../..... |       |
| L459 | <b>DASER</b> | 156 | FL350 010   | 493 153  | 61.7 / 13.8      | 19          | 01.20 |
|      |              |     | P06 055/045 | 489 3760 | N3408.3 W06734.7 | ...../..... |       |
| DCT  | <b>PIREX</b> | 163 | *CLB 010    | 331      | 56.9 / 18.6      | 41          | 02.01 |
|      |              |     | P05 236/058 | 3429     | N2922.5 W06419.3 | ...../..... |       |
| L462 | <b>KOZIK</b> | 183 | FL360 010   | 492 157  | 54.4 / 21.1      | 20          | 02.21 |
|      |              |     | P05 223/062 | 453 3272 | N2648.5 W06345.0 | ...../..... |       |

## ETOPS ENTRY (TXKF) 0134 NM BEFORE TARMO EET 02:30

|               |     |           |             |             |                  |             |
|---------------|-----|-----------|-------------|-------------|------------------|-------------|
| <b>*CFP 1</b> | 184 | FL360 010 | 493 123     | 52.5 / 23.0 | 17               | 02.38       |
| TXKF          |     |           | P06 215/055 | 452 3149    | N2447.8 W06319.3 | ...../..... |

## ETOPS EXIT (TNCM) 0079 NM BEFORE TARMO EET 02:38

|      |              |     |             |          |                  |             |       |
|------|--------------|-----|-------------|----------|------------------|-------------|-------|
| L462 | <b>TARMO</b> | 184 | FL360 010   | 494 79   | 51.3 / 24.3      | 10          | 02.48 |
|      |              |     | P07 210/047 | 457 3069 | N2330.0 W06303.2 | ...../..... |       |

# TCC221A KBOS-SBGR (06-Nov-2022) #1

|       |                      |     |       |     |         |          |                  |             |       |
|-------|----------------------|-----|-------|-----|---------|----------|------------------|-------------|-------|
| L462  | ZABOR                | 184 | FL360 | 010 | 495     | 129      | 49.3 / 26.2      | 17          | 03.05 |
|       |                      |     |       | P08 | 204/044 | 458 2940 | N2123.5 W06237.6 | ...../..... |       |
| L462  | DAWIN                | 184 | FL360 | 010 | 495     | 52       | 48.5 / 27.0      | 07          | 03.12 |
| -TJZS |                      |     |       | P08 | 206/041 | 461 2888 | N2032.3 W06227.5 | ...../..... |       |
| L462  | NEYDU                | 184 | FL360 | 014 | 495     | 96       | 47.1 / 28.5      | 12          | 03.24 |
|       |                      |     |       | P08 | 202/028 | 469 2793 | N1858.4 W06209.2 | ...../..... |       |
| L462  | LAMKN                | 184 | FL360 | 014 | 495     | 59       | 46.2 / 29.3      | 08          | 03.32 |
| -TTZP |                      |     |       | P08 | 204/021 | 477 2733 | N1800.0 W06158.0 | ...../..... |       |
| UL462 | ANU                  | 185 | *CLB  | 027 | 114.50  | 53       | 45.4 / 30.1      | 06          | 03.38 |
|       | V C BIRD SAINT JOHNS |     |       | P09 | 210/018 | 2680     | N1707.6 W06148.0 | ...../..... |       |
|       | TBPB                 | 171 | FL370 | 075 |         | 100      | 44.0 / 31.5      | 13          | 03.51 |
|       |                      |     |       | P06 | 207/018 | 2580     | N1536.2 W06105.4 | ...../..... |       |
| UL462 | OMIKI                | 171 | FL370 | 075 | 491     | 6        | 43.9 / 31.6      | 00          | 03.51 |
|       |                      |     |       | P06 | 230/012 | 487 2574 | N1530.9 W06103.0 | ...../..... |       |
| UL462 | ETBIG                | 171 | FL370 | 075 | 492     | 144      | 41.9 / 33.6      | 18          | 04.09 |
|       |                      |     |       | P06 | 187/008 | 484 2430 | N1319.6 W06003.1 | ...../..... |       |
|       | SYCJ                 | 172 | FL370 | 035 |         | 231      | 38.8 / 36.8      | 29          | 04.38 |
|       |                      |     |       | P06 | 131/009 | 2199     | N0948.2 W05829.0 | ...../..... |       |
| UL462 | NORWI                | 173 | FL370 | 010 | 492     | 58       | 38.0 / 37.5      | 07          | 04.45 |
| -SYGC |                      |     |       | P06 | 209/004 | 490 2141 | N0855.3 W05805.8 | ...../..... |       |
| UL462 | TOMIR                | 173 | FL370 | 010 | 492     | 52       | 37.3 / 38.2      | 06          | 04.51 |
|       |                      |     |       | P06 | 192/001 | 491 2089 | N0807.3 W05745.0 | ...../..... |       |
| UL462 | ILRAV                | 173 | FL370 | 018 | 492     | 113      | 35.8 / 39.8      | 14          | 05.05 |
| -SMPM |                      |     |       | P06 | 170/001 | 492 1976 | N0623.8 W05700.0 | ...../..... |       |
| UL462 | GENAT                | 174 | FL370 | 045 | 493     | 254      | 32.4 / 43.1      | 31          | 05.36 |
| -SBAZ |                      |     |       | P07 | 116/005 | 489 1722 | N0230.6 W05520.5 | ...../..... |       |
| UL462 | GAVEP                | 172 | FL370 | 039 | 493     | 23       | 32.1 / 43.5      | 03          | 05.39 |
|       |                      |     |       | P07 | 106/004 | 489 1699 | N0209.7 W05510.1 | ...../..... |       |
| UL462 | UKAMU                | 172 | FL370 | 039 | 493     | 8        | 32.0 / 43.6      | 01          | 05.40 |
|       |                      |     |       | P07 | 100/003 | 490 1691 | N0202.8 W05506.7 | ...../..... |       |
|       | SBBE                 | 172 | FL370 | 050 |         | 73       | 31.0 / 44.5      | 09          | 05.49 |
|       |                      |     |       | P07 | 055/011 | 1618     | N0057.2 W05434.1 | ...../..... |       |
| UL462 | KAKEK                | 172 | FL370 | 055 | 493     | 207      | 28.3 / 47.2      | 25          | 06.14 |
|       |                      |     |       | P06 | 055/005 | 494 1410 | S0208.2 W05302.2 | ...../..... |       |
| UL462 | OPGUG                | 173 | FL370 | 055 | 493     | 77       | 27.3 / 48.2      | 10          | 06.24 |
|       |                      |     |       | P06 | 070/005 | 492 1333 | S0317.0 W05228.1 | ...../..... |       |
| UL462 | DOTSO                | 173 | FL370 | 029 | 493     | 64       | 26.4 / 49.1      | 07          | 06.31 |
|       |                      |     |       | P06 | 026/003 | 494 1269 | S0414.2 W05159.6 | ...../..... |       |
| UL462 | TODGA                | 173 | FL370 | 028 | 493     | 46       | 25.9 / 49.7      | 06          | 06.37 |

# TCC221A KBOS-SBGR (06-Nov-2022) #1

|                |              |     |       |                      |                  |                  |             |       |
|----------------|--------------|-----|-------|----------------------|------------------|------------------|-------------|-------|
|                |              |     |       | P06 348/006 497 1224 | S0454.9 W05139.2 | ...../.....      |             |       |
|                | <b>SBPJ</b>  | 174 | FL370 | 036                  | 51               | 25.2 / 50.3      | 06          | 06.43 |
|                |              |     |       | P06 349/013          | 1173             | S0540.2 W05116.6 | ...../..... |       |
| UL462          | <b>ISVIT</b> | 174 | FL370 | 038                  | 493 34           | 24.8 / 50.7      | 04          | 06.47 |
|                |              |     |       | P06 334/008          | 501 1139         | S0610.3 W05101.5 | ...../..... |       |
| UL462          | <b>OSOVA</b> | 174 | FL370 | 043                  | 492 57           | 24.1 / 51.4      | 07          | 06.54 |
|                |              |     |       | P06 325/010          | 503 1083         | S0700.8 W05036.1 | ...../..... |       |
| UL462          | <b>AKREM</b> | 174 | FL370 | 041                  | 492 49           | 23.5 / 52.1      | 06          | 07.00 |
|                |              |     |       | P06 320/013          | 505 1034         | S0744.7 W05013.9 | ...../..... |       |
| UL462          | <b>ILRIP</b> | 174 | *CLB  | 041                  | 128              | 21.9 / 53.6      | 15          | 07.15 |
|                |              |     |       | P06 309/022          | 906              | S0938.6 W04916.0 | ...../..... |       |
| UL462<br>-SBBS | <b>MUMER</b> | 180 | FL380 | 029                  | 489 37           | 21.4 / 54.1      | 04          | 07.19 |
|                |              |     |       | P03 313/026          | 513 869          | S1013.3 W04902.5 | ...../..... |       |
| UL462          | <b>TOBKO</b> | 180 | FL380 | 037                  | 489 36           | 21.0 / 54.6      | 04          | 07.23 |
|                |              |     |       | P04 308/030          | 515 832          | S1047.1 W04849.3 | ...../..... |       |
| UL462          | <b>RUSTE</b> | 180 | *CLB  | 049                  | 95               | 19.8 / 55.7      | 11          | 07.34 |
|                |              |     |       | P04 302/042          | 738              | S1215.5 W04814.5 | ...../..... |       |
|                | <b>SBBR</b>  | 198 | FL390 | 049                  | 7                | 19.7 / 55.8      | 01          | 07.35 |
|                |              |     |       | P01 302/047          | 730              | S1222.9 W04814.0 | ...../..... |       |
| UZ26           | <b>XOGUR</b> | 198 | FL390 | 049                  | 487 36           | 19.3 / 56.2      | 04          | 07.39 |
|                |              |     |       | P01 303/048          | 512 694          | S1258.5 W04811.9 | ...../..... |       |
| UZ26           | <b>VARSO</b> | 199 | FL390 | 058                  | 487 81           | 18.3 / 57.2      | 10          | 07.49 |
|                |              |     |       | P02 303/055          | 519 613          | S1419.4 W04807.0 | ...../..... |       |
| UZ26           | <b>VURBA</b> | 199 | FL390 | 058                  | 487 15           | 18.1 / 57.4      | 02          | 07.51 |
|                |              |     |       | P02 303/055          | 519 598          | S1434.7 W04806.1 | ...../..... |       |
| UZ26           | <b>KOGLI</b> | 199 | FL390 | 058                  | 488 23           | 17.9 / 57.6      | 02          | 07.53 |
|                |              |     |       | P02 302/055          | 518 575          | S1457.9 W04804.6 | ...../..... |       |
| UZ26           | <b>PORMI</b> | 199 | FL390 | 072                  | 488 14           | 17.7 / 57.8      | 02          | 07.55 |
|                |              |     |       | P02 302/055          | 518 560          | S1512.3 W04803.8 | ...../..... |       |
| UZ26           | <b>GELVA</b> | 199 | FL390 | 072                  | 488 40           | 17.2 / 58.3      | 05          | 08.00 |
|                |              |     |       | P02 301/055          | 517 520          | S1552.3 W04801.3 | ...../..... |       |
| UZ6            | <b>ISOPI</b> | 172 | FL390 | 072                  | 487 55           | 16.6 / 58.9      | 06          | 08.06 |
|                |              |     |       | P02 303/059          | 539 465          | S1639.6 W04732.5 | ...../..... |       |
| UZ6            | <b>NIMKI</b> | 172 | FL390 | 055                  | 487 51           | 16.1 / 59.5      | 05          | 08.11 |
|                |              |     |       | P02 303/062          | 543 414          | S1723.3 W04705.6 | ...../..... |       |
| UZ38           | <b>MOMKO</b> | 195 | FL390 | 055                  | 488 84           | 15.1 / 60.4      | 10          | 08.21 |
|                |              |     |       | P03 306/067          | 531 330          | S1846.4 W04654.6 | ...../..... |       |
| UZ38           | <b>MOPNI</b> | 193 | FL390 | 058                  | 488 29           | 14.8 / 60.7      | 03          | 08.24 |
|                |              |     |       | P02 306/068          | 535 302          | S1914.5 W04649.7 | ...../..... |       |

# TCC221A KBOS-SBGR (06-Nov-2022) #1

|        |       |     |       |             |         |     |                  |             |       |
|--------|-------|-----|-------|-------------|---------|-----|------------------|-------------|-------|
|        | SBGR  | 193 | FL390 | 058         |         | 1   | 14.8 / 60.7      | 00          | 08.24 |
|        |       |     |       | P01 303/066 |         | 301 | S1915.2 W04649.6 | ...../..... |       |
| UZ38   | ETAXI | 193 | FL390 | 072         | 488 68  |     | 14.0 / 61.5      | 08          | 08.32 |
|        |       |     |       | P03 300/071 | 532 233 |     | S2022.2 W04637.9 | ...../..... |       |
| UZ38   | MUMDI | 193 | FL390 | 072         | 488 10  |     | 13.9 / 61.6      | 01          | 08.33 |
|        |       |     |       | P03 299/071 | 531 223 |     | S2031.8 W04636.2 | ...../..... |       |
| UZ38   | PABAV | 194 | FL390 | 072         | 488 15  |     | 13.7 / 61.8      | 02          | 08.35 |
|        |       |     |       | P03 298/071 | 530 208 |     | S2046.6 W04633.8 | ...../..... |       |
| UZ38   | NIPKI | 194 | FL390 | 081         | 489 23  |     | 13.5 / 62.0      | 02          | 08.37 |
|        |       |     |       | P03 296/072 | 528 185 |     | S2109.5 W04630.0 | ...../..... |       |
| UZ38   | LAIKA | 189 | FL390 | 081         | 489 50  |     | 12.9 / 62.6      | 06          | 08.43 |
|        |       |     |       | P03 291/073 | 529 135 |     | S2157.9 W04618.1 | ...../..... |       |
| UZ38   | SUPTO | 189 | FL390 | 092         | 489 11  |     | 12.8 / 62.7      | 01          | 08.44 |
|        |       |     |       | P03 291/074 | 527 125 |     | S2208.4 W04615.5 | ...../..... |       |
| UZ38   | *TOD  | 189 | FL390 | 092         | 489 3   |     | 12.8 / 62.8      | 01          | 08.45 |
|        |       |     |       | P03 292/074 | 528 121 |     | S2211.6 W04614.7 | ...../..... |       |
| UZ38   | VUNOX | 189 | *DES  | 092         |         | 8   | 12.7 / 62.8      | 00          | 08.45 |
|        |       |     |       | P06 293/075 |         | 114 | S2219.1 W04612.8 | ...../..... |       |
| VUN01A | GR259 | 210 | *DES  | 092         |         | 14  | 12.7 / 62.8      | 02          | 08.47 |
|        |       |     |       | P06 290/069 |         | 100 | S2232.7 W04614.9 | ...../..... |       |
| VUN01A | GR262 | 210 | *DES  | 092         |         | 14  | 12.7 / 62.8      | 02          | 08.49 |
|        |       |     |       | P06 284/055 |         | 85  | S2247.0 W04617.1 | ...../..... |       |
| VUN01A | GR263 | 234 | *DES  | 092         |         | 7   | 12.7 / 62.9      | 01          | 08.50 |
| -SBCW  |       |     |       | P07 280/047 |         | 79  | S2252.6 W04620.9 | ...../..... |       |
| VUN01A | GR264 | 316 | *DES  | 092         |         | 5   | 12.7 / 62.9      | 00          | 08.50 |
|        |       |     |       | P07 279/043 |         | 74  | S2250.5 W04626.0 | ...../..... |       |
| VUN01A | GR266 | 301 | *DES  | 092         |         | 6   | 12.6 / 62.9      | 01          | 08.51 |
|        |       |     |       | P08 277/038 |         | 68  | S2249.6 W04632.2 | ...../..... |       |
| VUN01A | GR267 | 288 | *DES  | 092         |         | 5   | 12.6 / 62.9      | 01          | 08.52 |
|        |       |     |       | P09 276/034 |         | 63  | S2250.0 W04637.6 | ...../..... |       |
| VUN01A | GR268 | 274 | *DES  | 092         |         | 5   | 12.6 / 62.9      | 01          | 08.53 |
|        |       |     |       | P08 278/029 |         | 57  | S2251.6 W04643.2 | ...../..... |       |
| VUN01A | GR271 | 260 | *DES  | 092         |         | 6   | 12.6 / 62.9      | 01          | 08.54 |
|        |       |     |       | P07 282/024 |         | 51  | S2254.8 W04648.7 | ...../..... |       |
| VUN01A | SANPA | 163 | *DES  | 092         |         | 23  | 12.5 / 63.1      | 04          | 08.58 |
|        |       |     |       | P06 310/013 |         | 28  | S2312.5 W04633.0 | ...../..... |       |
| VUN01A | GR283 | 235 | *DES  | 072         |         | 4   | 12.4 / 63.1      | 00          | 08.58 |
|        |       |     |       | P06 309/009 |         | 24  | S2315.9 W04635.4 | ...../..... |       |

## TCC221A KBOS-SBGR (06-Nov-2022) #1

|        |               |       |             |    |                  |             |       |
|--------|---------------|-------|-------------|----|------------------|-------------|-------|
| VUN01A | LOMEN         | 235   | *DES 072    | 12 | 12.4 / 63.2      | 03          | 09.01 |
|        |               |       | P05 124/003 | 13 | S2325.6 W04642.3 | ...../..... |       |
| VUN01A | SBGR          | 114   | 2461 072    | 13 | 12.1 / 63.5      | 05          | 09.06 |
|        | GUARULHOS-GOV | ANDRE |             |    | S2326.1 W04628.4 | ...../..... |       |

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# TCC221A KBOS-SBGR (06-Nov-2022) #1

## WIND INFORMATION - OBS 06/NOV 00:00

| (CLIMB) |         |     | LINND |         |     | DARUX |         |     | DASER     |         |     |
|---------|---------|-----|-------|---------|-----|-------|---------|-----|-----------|---------|-----|
| FL340   | 220/052 | -47 | FL390 | 243/030 | -57 | FL390 | 039/024 | -57 | FL390     | 041/044 | -54 |
| FL270   | 222/050 | -30 | FL370 | 233/028 | -53 | FL370 | 052/023 | -54 | FL370     | 049/044 | -51 |
| FL200   | 222/048 | -14 | FL350 | 222/026 | -48 | FL350 | 060/023 | -49 | FL350     | 056/046 | -49 |
| 13000   | 223/041 | -1  | FL330 | 214/026 | -43 | FL330 | 067/022 | -44 | FL330     | 063/048 | -45 |
| 6000    | 227/044 | +8  | FL310 | 211/027 | -39 | FL310 | 072/022 | -39 | FL310     | 070/052 | -41 |
| KOZIK   |         |     | TARMO |         |     | ZABOR |         |     | NEYDU     |         |     |
| FL400   | 227/065 | -60 | FL400 | 216/051 | -59 | FL400 | 211/049 | -59 | FL400     | 195/032 | -59 |
| FL380   | 224/074 | -56 | FL380 | 211/053 | -55 | FL380 | 206/048 | -54 | FL380     | 201/029 | -54 |
| FL360   | 223/063 | -51 | FL360 | 211/047 | -50 | FL360 | 204/045 | -49 | FL360     | 202/029 | -48 |
| FL340   | 221/051 | -46 | FL340 | 211/041 | -44 | FL340 | 202/041 | -43 | FL340     | 203/028 | -42 |
| FL320   | 217/041 | -40 | FL320 | 208/038 | -38 | FL320 | 202/035 | -38 | FL320     | 204/027 | -37 |
| OMIKI   |         |     | ETBIG |         |     | NORWI |         |     | ILRAV     |         |     |
| FL410   | 178/007 | -62 | FL410 | 177/009 | -61 | FL410 | 205/007 | -61 | FL410     | 230/005 | -61 |
| FL390   | 216/010 | -56 | FL390 | 170/010 | -55 | FL390 | 214/005 | -55 | FL390     | 224/003 | -55 |
| FL370   | 231/013 | -51 | FL370 | 187/008 | -50 | FL370 | 209/004 | -50 | FL370     | 170/001 | -50 |
| FL350   | 241/016 | -45 | FL350 | 223/008 | -45 | FL350 | 200/004 | -45 | FL350     | 117/003 | -45 |
| FL330   | 243/019 | -39 | FL330 | 240/010 | -39 | FL330 | 192/004 | -40 | FL330     | 116/003 | -39 |
| GENAT   |         |     | KAKEK |         |     | DOTSO |         |     | ISVIT     |         |     |
| FL410   | 250/005 | -60 | FL410 | 339/004 | -60 | FL410 | 301/006 | -61 | FL410     | 293/008 | -61 |
| FL390   | 182/002 | -55 | FL390 | 046/003 | -55 | FL390 | 337/003 | -56 | FL390     | 335/010 | -56 |
| FL370   | 116/005 | -50 | FL370 | 055/006 | -50 | FL370 | 026/003 | -50 | FL370     | 334/009 | -51 |
| FL350   | 102/010 | -45 | FL350 | 054/010 | -45 | FL350 | 051/005 | -45 | FL350     | 322/007 | -45 |
| FL330   | 095/012 | -39 | FL330 | 055/012 | -39 | FL330 | 057/006 | -39 | FL330     | 330/007 | -39 |
| AKREM   |         |     | MUMER |         |     | XOGUR |         |     | KOGLI     |         |     |
| FL410   | 289/013 | -61 | FL420 | 289/026 | -63 | FL430 | 292/044 | -64 | FL430     | 298/049 | -62 |
| FL390   | 325/014 | -56 | FL400 | 306/026 | -58 | FL410 | 298/046 | -60 | FL410     | 300/052 | -58 |
| FL370   | 320/014 | -51 | FL380 | 313/027 | -53 | FL390 | 303/048 | -55 | FL390     | 302/056 | -54 |
| FL350   | 306/013 | -45 | FL360 | 298/027 | -48 | FL370 | 304/048 | -50 | FL370     | 303/056 | -50 |
| FL330   | 302/013 | -39 | FL340 | 282/029 | -42 | FL350 | 304/046 | -45 | FL350     | 303/055 | -46 |
| ISOPI   |         |     | MOMKO |         |     | MUMDI |         |     | (DESCENT) |         |     |
| FL430   | 294/055 | -61 | FL430 | 294/067 | -61 | FL430 | 297/070 | -60 | FL380     | 296/078 | -51 |
| FL410   | 298/057 | -58 | FL410 | 300/067 | -58 | FL410 | 298/070 | -57 | FL310     | 294/058 | -42 |
| FL390   | 303/059 | -54 | FL390 | 307/067 | -54 | FL390 | 300/071 | -54 | FL230     | 281/047 | -23 |
| FL370   | 306/060 | -51 | FL370 | 307/067 | -51 | FL370 | 300/071 | -51 | FL150     | 280/027 | -7  |
| FL350   | 308/061 | -47 | FL350 | 305/066 | -47 | FL350 | 301/070 | -48 | 7000      | 312/005 | +6  |

END FLIGHTPLAN 01344 TCC221A PJTGC KBOS-SBGR 06NOV2022

## TCC221A KBOS-SBGR (06-Nov-2022) #1

### [ATC FLIGHTPLAN]

(FPL-TCC221A-IS  
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2  
-KBOS1025  
-N0498F340 SSOXS6 SSOXS DCT BUZRD DCT SEY DCT HTO/N0493F350 DCT  
LINND DCT SQUAD DCT DARUX L459 DASER DCT PIREX/M085F360 L462  
LAMKN UL462 ANU/N0491F370 UL462 ILRIP/N0489F380 UL462  
RUSTE/N0487F390 UZ26 GELVA UZ6 NIMKI UZ38 VUNOX VUN01A  
-SBGR0906 SBKP  
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/221106 REG/PJTGC  
EET/KZNY0028 KZWY0046 TJZS0312 TTZP0332 SYGC0445 SMPM0505  
SBAZ0536 SBBS0719  
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN  
ORGN/TNCCTCAP PER/C  
RALT/TXKF  
RMK/TCAS  
-E/1106)

**TCC221A KBOS-SBGR (06-Nov-2022) #1****[PLANNING WEATHER]****ORIGIN: KBOS/BOS (LOGAN INTL, UNITED STATES)****UTC -05:00**

KBOS 060754Z 20012KT 10SM SCT220 BKN250 19/17 A3021 RMK A02 SLP228  
T01940167  
KBOS 060530Z 0606/0712 20011KT P6SM BKN060  
FM061400 21013G23KT P6SM SCT060 BKN250  
FM070000 20011G19KT P6SM BKN100  
FM070600 22011G19KT P6SM BKN050

**DESTINATION: SBGR/GRU (GUARULHOS-GOV ANDRE FRANCO MON, BRAZIL)****UTC -03:00**

SBGR 060800Z 08003KT CAVOK 11/10 Q1021  
SBGR 060100Z 0606/0712 12006KT 8000 NSC TN11/0608Z TX19/0617Z  
BECMG 0613/0615 14010KT 9999 SCT040  
BECMG 0620/0622 15007KT BKN025  
BECMG 0700/0702 12005KT  
BECMG 0703/0705 8000 BKN012  
PROB30 0708/0711 4000 DZ BR BKN008  
RMK PGH

**ALTERNATE: SBKP/VCP (VIRACOPOS INTL, BRAZIL)****UTC -03:00**

SBKP 060800Z 13009KT CAVOK 13/10 Q1019  
SBKP 060100Z 0606/0706 12015KT CAVOK TN12/0608Z TX23/0617Z  
BECMG 0609/0611 12010KT SCT045  
BECMG 0616/0618 16010KT  
BECMG 0620/0622 13015KT CAVOK  
BECMG 0703/0705 12010KT  
RMK PGH

**EDTO AIRPORT: TXKF/BDA (L F WADE INTL, BERMUDA)****UTC -04:00**

TXKF 060755Z 07016KT 9999 FEW033 23/17 Q1023  
TXKF 060532Z 0606/0706 08017KT 9999 FEW030 SCT060  
PROB30 TEMPO 0606/0706 09017G27KT 5000 -SHRA BKN030

**ADEQUATE: TNCM/SXM (PRINCESS JULIANA INTL, ARUBA / NETHERLANDS ANTI UTC -04:00)**

TNCM 060800Z 12012KT 9999 FEW///CB FEW016 27/24 Q1010 RMK CB/LTG-NW  
TNCM 052300Z 0600/0624 10010G30KT 2000 +TSRA SCT010CB BKN012  
TEMPO 0611/0615 14014G28KT 9999 BKN015

**ADEQUATE: TBPB/BGI (GRANTLEY ADAMS INTL, BARBADOS)****UTC -04:00**

TBPB 060800Z 21011KT 9999 -SHRA VCSH FEW012 BKN038 26/24 Q1010 NOSIG  
TBPB 060500Z 0606/0706 17016KT 9999 SCT014 BKN034  
PROB30 TEMPO 0606/0618 17016G32KT SHRA BKN012 FEW015CB

**TCC221A KBOS-SBGR (06-Nov-2022) #1****ADEQUATE: SYCJ/GEO (CHEDDI JAGAN INTL, GUYANA)****UTC -04:00**

SYCJ 060800Z 00000KT 9999 FEW015 BKN036 22/24 Q1010 NOSIG  
SYCJ 060500Z 0606/0706 VRB02KT 9999 SCT014 SCT036  
TEMPO 0606/0610 7000 TS FEW014CB BKN036  
BECMG 0610/0612 08010KT 9999 SCT016 BKN036

**ADEQUATE: SBBE/BEL (VAL DE CANS/J. C. RIBEIRO INTL, BRAZIL)****UTC -03:00**

SBBE 060800Z 10003KT 9000 FEW010 SCT050 BKN090 23/22 Q1012  
SBBE 060045Z 0606/0706 13005KT 7000 BKN020 TX29/0615Z TN25/0706Z  
TEMPO 0606/0609 6000 TS BKN017 FEW030CB  
TEMPO 0618/0622 27010KT 6000 TS BKN020 FEW030CB  
BECMG 0700/0702 09005KT  
RMK PGW

**ADEQUATE: SBPJ/PMW (BRIGADEIRO LYSIAS RODRIGUES, BRAZIL)****UTC -03:00**

SBPJ 060800Z 12003KT 9999 FEW025 BKN070 24/23 Q1011  
SBPJ 060045Z 0606/0706 32005KT 9999 SCT025 TN22/0608Z TX28/0617Z  
BECMG 0609/0611 32010KT SCT020 FEW025TCU  
PROB30 0618/0623 4000 TSRA SCT030 FEW035CB  
BECMG 0700/0702 22005KT  
RMK PGY

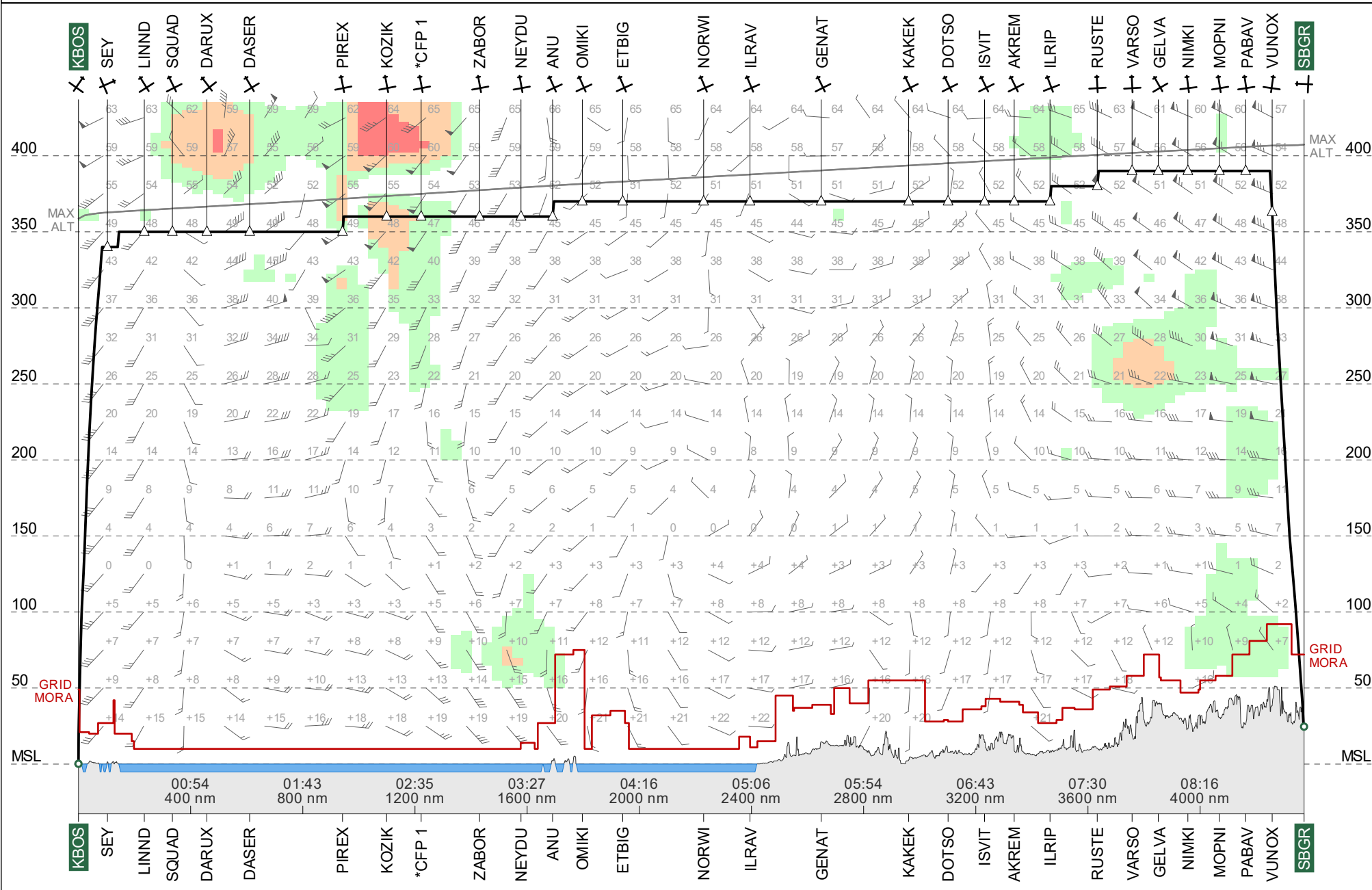
**ADEQUATE: SBBR/BSB (PRES JUSCELINO KUBITSCHEK INTL, BRAZIL)****UTC -03:00**

SBBR 060800Z 08003KT 9999 SCT045 BKN100 19/15 Q1017  
SBBR 052230Z 0606/0706 11008KT CAVOK TN16/0609Z TX26/0617Z  
BECMG 0609/0611 04010KT  
BECMG 0613/0615 01005KT SCT035  
PROB30 TEMPO 0615/0618 34010G20KT VCSH SCT030 FEW040TCU  
TEMPO 0619/0623 26003KT TSRA BKN030 FEW040CB  
BECMG 0623/0701 09004KT SCT040  
RMK PHG

TR221A #1

KBOS → SBGR

ETD 06 Nov 10:25z  
PJTGC B77L



Route Chart

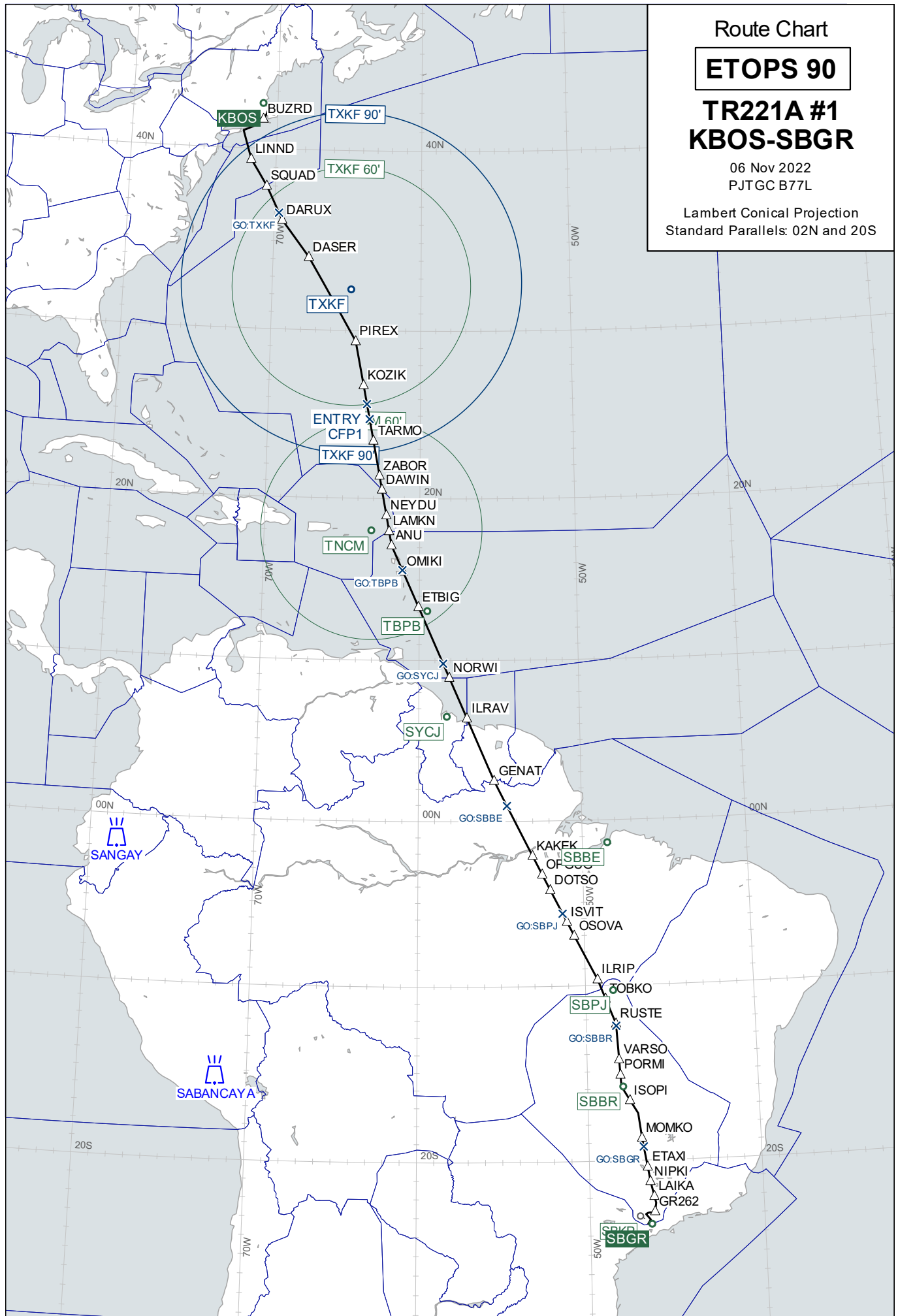
**ETOPS 90**

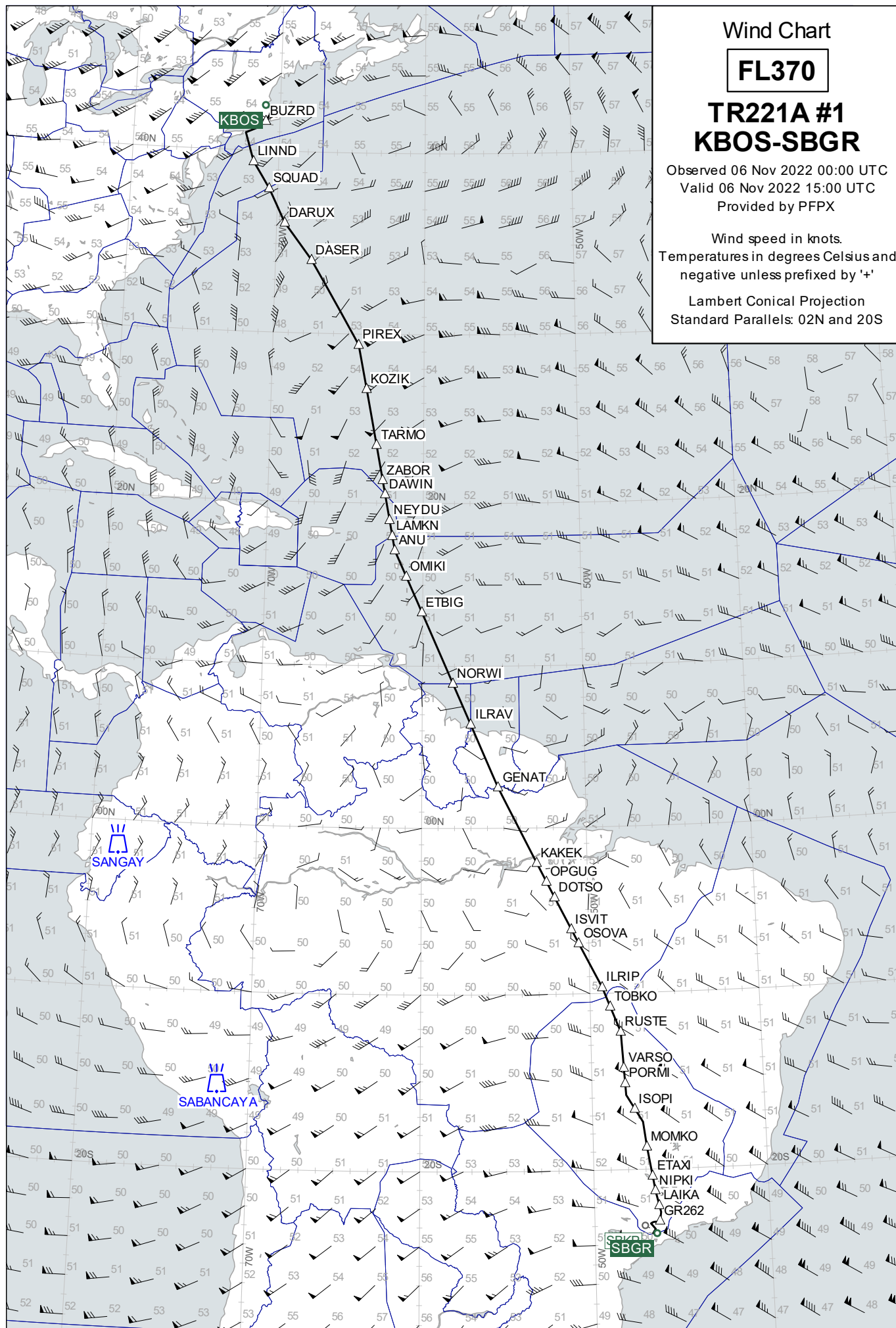
**TR221A #1  
KBOS-SBGR**

06 Nov 2022

PJTGC B77L

Lambert Conical Projection  
Standard Parallels: 02N and 20S







## Wind Chart

**FL330**

### TR221A #1 KBOS-SBGR

Observed 06 Nov 2022 00:00 UTC

Valid 06 Nov 2022 15:00 UTC

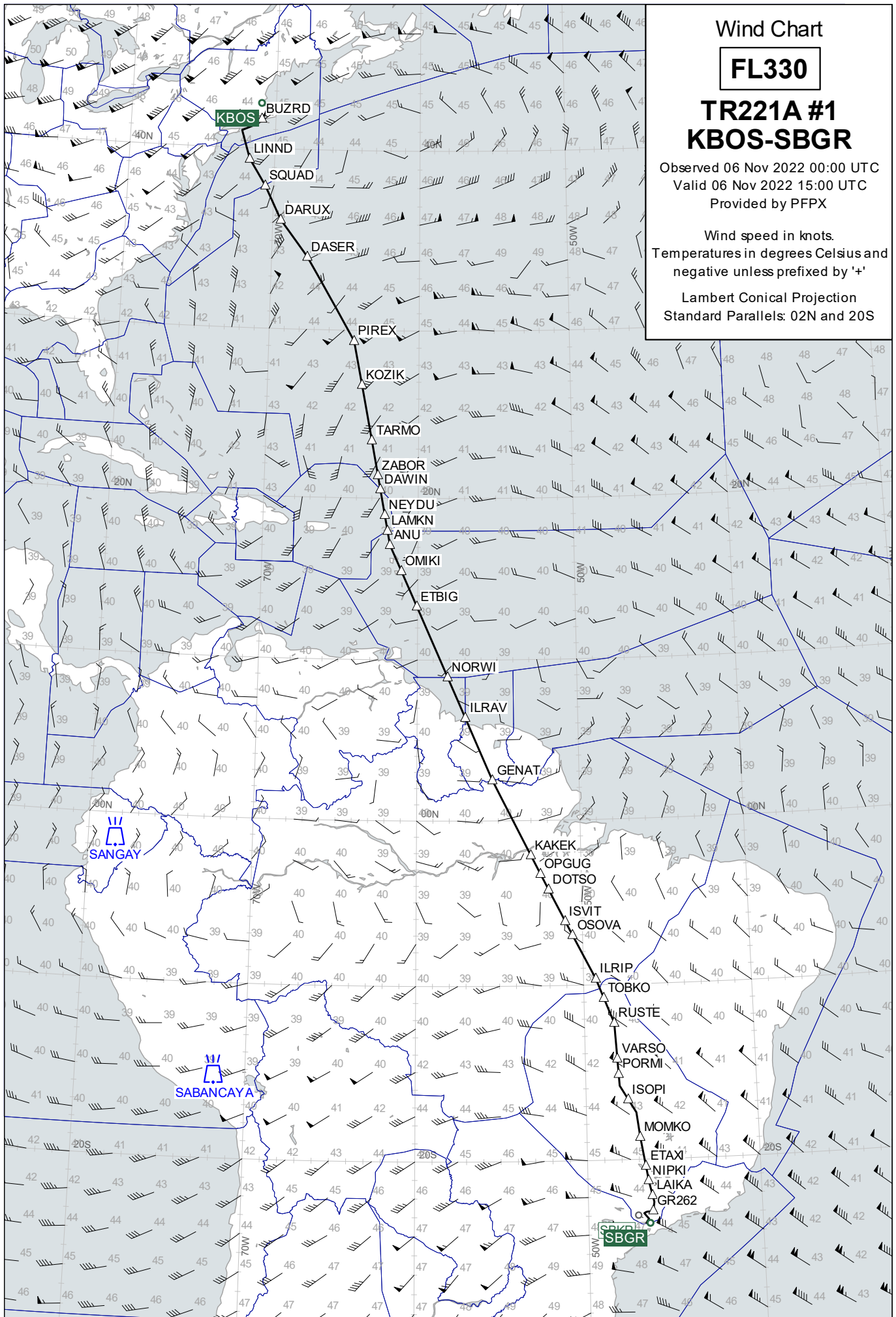
Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection

Standard Parallels: 02N and 20S





## Wind Chart

**FL410**

### TR221A #1 KBOS-SBGR

Observed 06 Nov 2022 00:00 UTC

Valid 06 Nov 2022 15:00 UTC

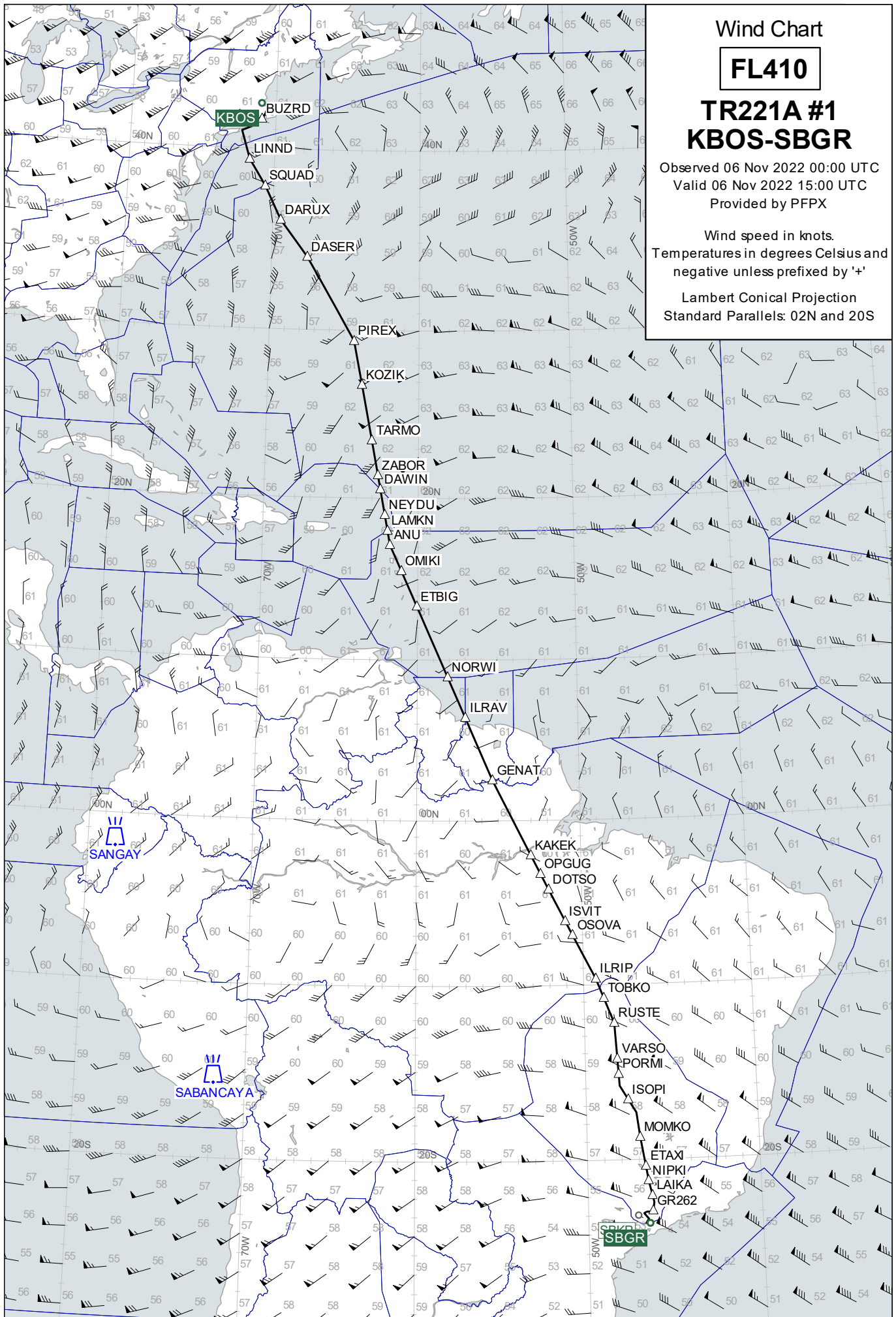
Provided by PFPX

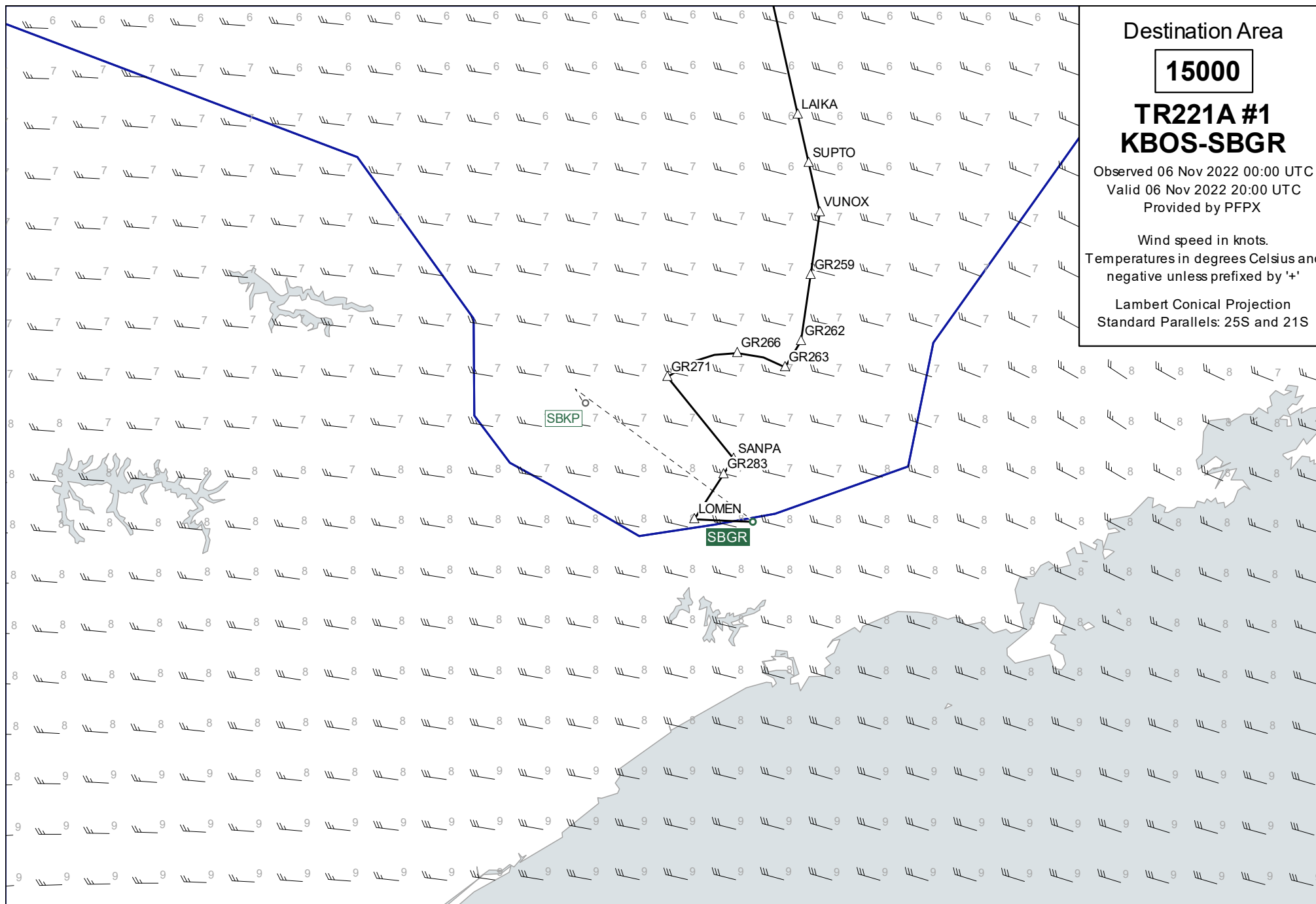
Wind speed in knots.

Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection

Standard Parallels: 02N and 20S





Plotting Chart

# TR221A #1

## KBOS-SBGR

06 Nov 2022  
PJTGC B77L

Lambert Conical Projection  
Standard Parallels: 29N and 32N

DASER

TXKF

PIREX

KOZIK