STANDARD DEPARTURE CHART
INSTRUMENT **(SID)**

***AD ELEV: 1869'***

**LONDRINA / Governador José Richa (SBLO)**
**RWY 13**
**AKRAP 1B**

| TA 5000' | *TWR LONDRINA* 118.40 | *APP LONDRINA* 129.70 | *ACC CURITIBA* 124.275 124.90 125.075 125.80 127.20 133.50 135.10 133.80 121.50 |
|---|---|---|---|

*R M K*
1 -Autorizado somente / *Only authorized* ACFT Cat A, B, C, D.
2 -Gradiente MNM de subida: 4,4% até passar 3500'. Após, 3,3%. *MNM climb gradient: 4,4% until passing 3500'. After, 3,3%.*
3 -MNM IFR BLW MNM regulares / *regular* para / *for* DEP: TETO: NO REQ / VIS 600m.
Observar compulsoriamente a Seção INS da AIP-MAP. *INS Section of AIP-MAP shall be observed.*
4 -IAS MAX 240KT até interceptar as respectivas RDL de saída/ *until intercept the respective RDL output.*
5 -Gradiente superior a 3,3% devido a restrições de espaço aéreo. *Climb gradient greater than 3.3% due to air space restrictions.*
6 -TRNS JAVAN, SIGAR, KUDRI: curvar à direita após AKRAP; *TRNS JAVAN, SIGAR, KUDRI: turn right after AKRAP.*
*TRNS PAMUS, KOTEG e AKTIT: curvar à esquerda após AKRAP; TRNS PAMUS, KOTEG e AKTIT: turn left after AKRAP.*

VAR 19° W - 2018
ALT, ELEV, HGT:FT
DIST:NM
BRG:MAG
VA/CHG:09'W

**PAMUS** D45.6 LON
TRNS PAMUS
330
**KOTEG** D40.0 LON
TRNS KOTEG
005
**AKTIT** D40.0 LON
TRNS AKTIT
082
**JAVAN** D40.0 LON
TRNS JAVAN
160
**SIGAR** D70.0 LON
TRNS SIGAR
251
**KUDRI** D83.2 LON
TRNS KUDRI
269
SBMG
LONDRINA
112.40 LON
2317'
2722'
2869'
1952'
AKRAP
D2.5 LON
129
3.0
340
260
4293'
SBR 524 3000' GND
SBR 530 2500' GND
SBR 554 4000' GND
5000'
MSA 25 NM
VOR: S23 20.37 / W051 06.75
25 NM LON
NOTES
DME REQ
NOT TO SCALE
SCALE
10 NM
20 Km

CHANGES: LAYOUT, PROC, FREQ, IDENT, EAC, DEC.