**RNAV OPTET 1F** AD ELEV: 15' TWR JOINVILLE APP CURITIBA ACC CURITIBA TA 9000' 118.00 119.95 119.70 120.65 124.40 125.40 125.80 126.50 120.95 129.55 133.15 127.20 126.95 128.25 132.80 NOT TO SCALE 1 - Autorizado / Authorized somente / only ACFT Cat A, B, C, D. AKPEN 2 - Gradiente MNM de subida / MNM climb gradient: 5,2% até/ until GEPVO, Após/ After, 3,3%. 6000 6500 3 - Obstáculos próximos não considerados para o cálculo do (PDG)/ Close-in obstacles not considered for procedure 3100 gradient (PDG): 5000 Árvore / Tree: a partir de / from THR15, AZM 009, DIST 312m, ELEV 66. MSA 25 NM ARP SBJV N **ASGOL** VAR 20° ALT, ELEV, HGT: FT DIST: NM BRG: MAG NOTES RNAV 1 or RNP 1. VA/CHG: 08'W **GNSS REQ 016** 28.1 NOT TO SCALE SBBI CURITIBA 116.50 CTB JV069 **EDNAG** FL190 TRNS EDNAG TRNS CURITIBA ARTUT A JV072 FL160 JV063 FL160 5 JV073 FL110 5508 JV048 4028 FL100 **GEPVO** 105> 105 √JV406 IAS MAX 210KT 12.6 10.5 OPTET 8000 <sup>↑</sup> 2293' 561 SCALE 1991' Ω 10 NM 2 0 10 20 Km