KRUGER MPUMALANGA INSTRUMENT AFRODROMF FLFV 2829' KRUGER APP: 119 20 **APPROACH** HEIGHTS RELATED TO TWR: 119.20 I OWVELD: 119 00 CHART - ICAO THR RWY 05 - ELEV 2825" ILS Y RWY 05 129 40 CATA-D FLEV ALT & HGT IN FEET DMF REQUIRED DIST IN NM BRG ARE MAG જ્ર VAR 19°W (2020) KRUGER MPUMALANGA 5700 ILS 109.1 8200 270 PKI :: 25°23'24.10"S TMA B Kruge 031°06'06.77"E 6500 FL145 6500FT ALT PKI GP - DTHR 05: 0.17NM 7300 25°20'S MSA 25NM PKV VOR COMMUNICATIONS FAILURE PROCEDURE Follow the Missed Approach Procedure to PKV. Enter the PKV hold climbing to 8000FT ALT. Hold for 5 minutes, then complete the VOR/DME/ILS Z RWY 05 approach to land. KRUGER MPUMALANGA **DVOR/DME 112.50** PKV :::: 25°22'51.69"S 031°06'40.05"E 2868' PKV - DTHR 05: 0.9NM 25°30'S TMA A Kruger Mpumalan FL145 5500FT ALT 楠 TMA C Kruger Mpun FL145 7500FT ALT 14.8 DINE Legend 19 DIAF) 4500 18.2 DINE PR 4000 3500 3000 SCALE: 1:400 000 10 km 25 5 NM 30°50'E 31°0'F 31°10'F 31°20'F PKV VOR/DME 10.3 ADVISORY ALT(HGT) 5800 (2975) 5400 (2575) 5090 (2265) 4780 (1955) 4470 (1645) 4160 (1335) 3850 (1025) 3540 (715) 3230 (405) TRANSITION ALT 9000 INA ALT: 8000 or higher MSA TRANSITION LEVEL MISSED APPROACH: MAX 210KT IAS. Climb to 6500FT (IAF) ALT on R054 OUBD PKV. At 5 DME 8500 (IF) PKV turn right and 7200 VOR/DME PK ₽₹ R234 (FAP) PKV return to PKV to enter DME the VOR/DME/ILS Z 5800 14.8 DME PKV 19 DME RWY 05 hold. Cross CTR - TMA G update 054% boundary at 5500FT ALT or above GP 3.0° 10.3 DME PKV R054 9.5 DME PKI ILS RDH 50 THR ELEV 2825 NM to/from THR RWY 05 17 15 12 10 7 5 19 18 16 14 13 11 ģ ģ 6 AIRSPACE 80 100 120 140 OCA/H Α В С D GS KT 160 7:04 5:39 4:42 4:02 3:32 With 2.5% Missed 10.3 DME PKV to THR M:S 3770 (945) 3770 (945) 3760 (935) 3760 (935) APCH Gradient Rate of descent FPM 414 518 621 725 828 With 3.0% Missed APCH Gradient ILS/DME 3420 (595) 3420 (595) 3410 (585) 3410 (585) NOTE: CHANGE: CAT I With 3.6% Missed APCH Gradient 1. Increased Missed APCH climb gradient due to crossing ALT 3036 (211) 3025 (200) 3025 (200) 3025 (200) at CTR BDRY. Circling: AD ELEV **3980**(1151) 3980(1151) **4080**(1251) 4080(1251)