INSTRUMENT KRUGER MPUMALANGA AFRODROMF FLFV 2829' KRUGER APP: 119.20 **APPROACH** HEIGHTS RELATED TO TWR: 119.20 CHART - ICAO LOWVELD: 119.00 THR RWY 05 - FLEV 2825' ILS Z RWY 05 129 40 CAT A - D ELEV. ALT & HGT IN FEET DMF REQUIRED COMMUNICATIONS FAILURE PROCEDURE DIST IN NM Follow the Missed Approach Procedure to PKV. Enter the PKV hold climbing to 8000FT ALT. Hold for 5 minutes. BRG ARE MAG જ્ર then complete the approach to land. VAR 19°W (2020) 5700 8200 270 Kruger Mpun FL145 6500FT ALT KRUGER MPUMALANGA 6500 ILS 109.1 7300 PKI :--25°23'24.10"S 031°06'06.77"E MSA 25NM 2824 PKV VOR PKI GP - DTHR 05: 0.17NM 25°20'S KRUGER MPUMALANGA **DVOR/DME 112.50** PKV == 25°22'51 69"S 031°06'40.05"E 29691 PKV - DTHR 05: 09NM TMA A Kruger Mpun FL145 5500FT ALT 25°30'S TMA E Krug Legend 4500 FL145 7500FT ALT 4000 3500 3000 SCALE: 1:400 000 10 km 2.5 5 NM 31°0'F 31°10'F 31°20'F PKI ILS/DME ADVISORY ALT(HGT) 5800 (2975) **5650** (2825) **5340** (2515) **5020** (2195) **4710** (1885) **4400** (1575) **4080** (1255) 3770 (945) 3460 (635) TRANSITION ALT 9000 INA ALT: 8000 or higher MSA TRANSITION LEVEL ATC VOR/DME PKV MISSED APPROACH: 8000 054° 234° MAX 210KT IAS. Climb to (5175)234° 6500FT ALT on R054 OUBD 12 DME PKV PKV. At 5 DME PKV turn right 11.2 DME PKI direct to PKV to hold. Cross **FAP** CTR boundary at 5500FT ALT 5800 0549 or above. (2975) Plan/Profile view 9.5 DME PKI GP 3.0° 10.3 DME PKV -R054 ILS RDH 50 THR ELEV 2825 NM to/from THR RWY 05 2 13 11 10 5 3 12 6

Rate of descent FPM 417 522 626 730 835 With 3.0% Missed APCH Gradient ILS/DME 3420 (595) 3420 (595) 3410 (585) 3410 (585) CAT I With 3.6% Missed APCH Gradient 1. Descend in the hold to 8000FT ALT. 3025 (200) 3025 (200) 3025 (200) 3039 (214) 2. Increased Missed APCH climb gradient due to crossing ALT at CTR boundary. Circling: AD ELEV 3980(1151) 3980(1151) **4080**(1251) 4080(1251) EFF: 23 APR 20 CIVIL AVIATION AUTHORITY

D

**3760** (935)

GS

9.5 DME PKI to THR

KT

M:S

80 100

7:00

5:36 4.40 4:00 3:30

С

**3760** (935)

Α

**3770** (945)

В

**3770** (945)

PG

CHANGE: INBD

OCA/H

With 2.5% Missed APCH Gradient

160

120 140