D-ATIS(English) 127.85 D-ATIS(Chinese) 128.65 INSTRUMENT TWR01 118.8(118.325) 17L/35R, 17R/35L **APPROACH** VAR5.8°W 16L/34R, 16R/34L ZSPD SHANGHAI/Pudong TWR02 118.4(118.725) AERODROME ELEV 3.8 TWR03 124.35(118.325) 17L/35R CHART-ICAO RNAV CAT-I/IIILS/DME z RWY35R RWY35R THR ELEV 3.1 TWR04 118.575(118.725) 16R/34L BEARINGS ARE MAGNETIC ALTITUDES, ELEVATIONS AND HEIGHTS IN METERS DME DISTANCES IN 300 NAUTICAL MILES. DISTANCES IN KM Λ 635 PUDONG APP01 120.3(119.75) 116.9 PUD APP02 125.4(124.05) APP03 125.85(119.2) 150 CH 116X APP04 123.8(119.2) APP05 126.65(128.05) APP06 126.3(120.65) APP07 121.1(119.75) (111.9) INN ₩ 900 APP08 127.75(124.05) IM CH 56X 121.375(128.05) APP09 MM APP10 125.625(120.65) SHANGHAI APP11 119.075(128.05) LIUZAO APP12 119.975(120.65) 109.4 PDL Ä 348° 111.9 INN APP13 120.825(124.875) CH 31X APP14 124.725(119.75) FAF D9.3 INN Missed approach turn MAX IAS210kt D11.8PUD Note: Speed limit(IAS) PF2 200kt PD025 180kt PD023 180kt PD023 D13.8 INN D16.4PUD D6.0 INN 160kt 900 PD025 IAF MP2 258° 348° 900 MAX220kt 1100 078° PUD 600 45 PF₂ IAF PD401 900 MAX220kt 0 5 10 15km MSA 46km DME (INN) (NM) 9 7 9 3 4 5 6 8 GP INOP ALT (m) 196 293 390 490 584 681 778 875 MISSED APPROACH 3600 3000 ΤL ΤĀ Climb straight ahead to 150, MAPt 3300(QNH≥1031hPa) GP INOP FAF ΙF turn LEFT on track 318° to 2700(QNH ≤979hPa) GP INOP GP INOP D5.0 INN PD023 D1.2 INN 300, then turn LEFT to PDL D7.6PUD **D9.3 INN** D13.8 INN D3.8PUD at 900, approach again or 490(487) D11.8PUD D16.4PUD PUD IM MM 348° join the holding pattern, follow INN the ATC instructions. 900(897) 450 300 RDH=15 MDA $-5.09 - 0.310^{0} 1.02^{1.95}$ 9.0 16.83 25.28km D FAF-MAPt(GP INOP) 14.88km ILS/DME RVR/VIS 64(60) 100 120 140 180 550/800 k t 80 GS in km/h 150 185 220 260 295 335 150(147) GP INOP MDA(H) 150(147) 150(147)

CIRCLING MDA(H)

Aircraft

type A,B,C 2000

Radio

altimeter

(31)

210(206)

3200

ILS CAT II

210(206)

2800

Decision

height (DH)

(30)

2400

280(276)

4800

Manual operation

below DH

RVR300 RVR350

Time

min:sec

Rate of descent m/s

Changes: APP FREQ.

6:02

2.2

• HUD Special CAT I: (DH)(45),(RA)(46),RVR450

4:49

2.7

4:01

3.2

2200

240(236)

4400

Autopilot to DH

and below

RVR300

3:27

3.8

3:01

4.3

2:41

4.9