Trip Kit Index
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# **Airport Information For ZBAA** Printed on 21 Dec 2016 Page 1

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# General Information

Location: BEIJING CHN ICAO/IATA: ZBAA / PEK

Lat/Long: N40?04.4', E116?35.9'

Elevation: 115 ft

Airport Use: Public

Daylight Savings: Not Observed UTC Conversion: -8:00 = UTC Magnetic Variation: 6.0?W

Fuel Types: Jet A-1

Repair Types: Minor Airframe, Minor Engine

Customs: Yes Airport Type: IFR Landing Fee: Yes Control Tower: Yes Jet Start Unit: No LLWS Alert: No Beacon: No

Sunrise: 2332 Z Sunset: 0851 Z

### Runway Information

Runway: 01

Length x Width: 12467 ft x 197 ft

Surface Type: concrete TDZ-Elev: 90 ft

Lighting: Edge, ALS, Centerline, TDZ

Stopway: 197 ft

Runway: 18L

Length x Width: 12467 ft x 197 ft

Surface Type: asphalt

TDZ-Elev: 115 ft

Lighting: Edge, ALS, Centerline

Stopway: 197 ft

Runway: 18R

Length x Width: 10499 ft x 164 ft

Surface Type: asphalt

TDZ-Elev: 115 ft

Lighting: Edge, ALS, Centerline, TDZ

Stopway: 197 ft

Runway: 19

Length x Width: 12467 ft x 197 ft

Surface Type: concrete

TDZ-Elev: 98 ft

Lighting: Edge, ALS, Centerline

Stopway: 197 ft

# Airport Information For ZBAA Printed on 21 Dec 2016 Page 2

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Runway: 36L

Length x Width: 10499 ft x 164 ft

Surface Type: asphalt TDZ-Elev: 110 ft

Lighting: Edge, ALS, Centerline

Stopway: 197 ft

Runway: 36R

Length x Width: 12467 ft x 197 ft

Surface Type: asphalt TDZ-Elev: 106 ft

Lighting: Edge, ALS, Centerline, TDZ

Stopway: 197 ft

### Communication Information

ATIS: 127.600 Arrival Service ATIS: 128.650 Departure Service Beijing Tower: 124.300

Beljing lower: 124.300

Beijing Tower: 118.050 Secondary Beijing Tower: 118.600

Beijing Tower: 118.500

Beijing Tower: 118.300 Secondary Beijing Ground: 121.850

Beijing Ground: 121.850 Beijing Ground: 121.950 Secondary

Beijing Ground: 121.900 Beijing Ground: 121.700 Beijing Ground: 121.750 Beijing Ground: 121.800

Beijing Clearance Delivery: 121.650 Beijing Clearance Delivery: 121.600

Beijing Approach: 121.100

Beijing Approach: 124.700 Secondary Beijing Approach: 125.050 Secondary Beijing Approach: 125.500

Beijing Approach: 125.500 Beijing Approach: 119.000 Beijing Approach: 126.100

Beijing Approach: 126.500 Secondary

Beijing Approach: 119.700 Beijing Approach: 120.600 Beijing Approach: 127.750

Beijing Departure: 124.700 Secondary

Beijing Departure: 124.400

10-1P Eff 9 Nov 1600Z AIRPORT BRIEFING

# 1. GENERAL

# 1.1. ATIS

D-ATIS Arrival 127.6 D-ATIS Departure 128.65

# 1.2. RWY OPERATIONS

General rules for use of RWYs:

- 01/19 is mainly used for arrival.
- 18L/36R is mainly used for departure.
- 18R/36L is used for departure and arrival.

The three parallel RWYs will be used for departure upon departure rush hour.

The three parallel RWYs will be used for arrival upon arrival rush hour.

Daily from 2330-0530LT, landing on RWY 01 and take-off on RWY 19 prohibited.

During changing the direction of RWY in use, if downwind speed is more than 3m/s (6 KT) and not exceeding 5m/s (10 KT), ATC shall inform ACFT about ground wind direction and speed and instruct downwind take-off or landing for short time. If pilot decides not to take off or land on downwind RWY due to performance limits, inform ATC immediately.

# 1.3. TAXI PROCEDURES

For taxiing routings refer to 10-9 charts.

RWY 18L/36R crossing rules:

- TWYs A0, A1, A8, A9 are available for crossing RWY 18L/36R.
  - Taxi following the instruction of GND Control to the holding position and hold short of RWY 18L/36R.
  - Request TWR Control for crossing clearance.
  - Verify any questions prior to crossing.
  - Repeat all the ATC instructions for clarity, then put in practice as soon as possible.
  - Finally, report to TWR Control 'RWY vacated'.

Flight crew shall monitor the TWR freq and watch the activities on the RWY 18L/36R and around.

While crossing RWY 18L/36R after the take-off ACFT, flight crew shall be responsible for the safety distance with the ACFT to avoid the effect of wake turbulence.

If failure to change the assigned GND frequency, stop prior to the intersection of the two GND sectors and contact the original GND frequency.

When a stop bar is extinguished but the centerline lights beyond the stop bar are not illuminated, or a conflict occurs between stop bar and ATC guidance, DO NOT cross the stop bar and contact ATC to reaffirm.

When a stop bar cannot be extinguished due to malfunction, radio communication will be used as follows:

a. Controller:(ACFT ID) stop-bar unserviceable, cross red stop-bar at (TWY number).

Pilot: Cross red stop-bar at (TWY number), (ACFT ID).

b. Controller:(ACFT ID) stop-bar unserviceable, cross red stop-bar, via (TWY number) line up RWY (RWY number).

Pilot: Cross red stop-bar, via (TWY number) line up RWY (RWY number),

(ACFT ID).

Taxiing routes of special flight will be instructed by ATC.

Simultaneous taxiing on TWYs Y1 and Y2 (south part of TWY G1) is strictly forbidden.

When the mean wind speed reaches 10.8 m/s or more at the APT, single engine taxi is strictly forbidden.

"JEPPESEN 4 NOV 16

BEIJING, PR OF CHINA

Eff 9 Nov 1600Z AIRPORT BRIEFING

# 1. GENERAL

TWYs Z8, Z20 and Z22 MAX wingspan 118?36m.

TWY Z11 MAX wingspan 79?24m.

TWYs Z12 and Z0 (South of HP15) MAX wingspan 112?34m.

TWY Z18 MAX wingspan 213?65m if ACFT with wingspan of more than 213?65m on TWY Z3 between M4 & M5.

TWY Z21 MAX wingspan 95?29m.

#### 1.4. PARKING INFORMATION

Push-back required for all stands, except stands 251, 252, 261 thru 263, W103 thru W107, 816, 817 and 951 thru 958.

ACFT shall taxi in and be pushed back by tow tractors on stands W101, W108A, W206, W501 thru W511, N110, N214 thru N218, M09L, M09R, M10L, M10R, M12 thru M14, 264, 267, 621 thru 625, 630 thru 640, 641 thru 652, 951L thru 953L and 951R thru 953R. Taxiing in and out by own power is strictly forbidden.

These stands are only available for ACFT parking, ground support activities such as passengers embarkation and disembarkation, refuelling, cargo loading and unloading is forbidden.

Visual docking guidance system available for stands at Apron 3 thru 5. For other stands ACFT shall be guided by marshaller.

Wing lights of A330-200 are forbidden to turn on while rear door connecting with air bridge, contact Terminal Airfield Management Control Center for the clearance of turning on the wing lights and conduct after the air bridge retracted.

Taxi lights are forbidden to turn on unless the ground personnel have evacuated from the front of the taxi lights.

On stands 301 thru 337, 401 thru 414 and 501 thru 536 ACFT should close APU and use 400 Hz power and air conditioning systems.

#### 1.5. OTHER INFORMATION

RWYs 01 & 18R right-hand circuit. Birds.

#### 1.5.1. SIMULTANEOUS OPERATIONS ON PARALLEL RWYS

RWYs 36L, 36R & 01 may be used for dependent parallel ILS approaches.

RWYs 18L, 18R & 19 may be used for dependent parallel ILS approaches.

All parallel RWYs may be used for independent parallel departures. Departing ACFT shall conduct first turn as soon as possible according to ATC instructions after becoming airborne when independent parallel departures implemented.

Landing ACFT shall vacate the RWY as soon as possible (within 50 seconds from flying over RWY THR to vacating the RWY), otherwise inform TWR controller before landing.

Upon receipt of APCH clearance, the pilot shall monitor the operating situations of other ACFT in the vicinity using airborne equipment such as ACAS and establish the visual separation as practicable. Then report "visual separation established" when the controller notifies the relative position to other ACFT.

# JEPPESEN 14 NOV 14 (10-1P2)

BEIJING, PR OF CHINA
AIRPORT BRIEFING

# 2. ARRIVAL

# 2.1. NOISE ABATEMENT PROCEDURES

RWY 01/19 operation restriction for night noise control, landing ACFT perhaps shall circle for holding, suggest to increase reserve fuel capacity during 2330-0100LT daily.

# 2.2. CAT II OPERATIONS

RWY 01 and RWY 36R are approved for CAT II operations. Special aircrew and ACFT certification required.

Landing and departure ACFT shall be guided by Follow-me car.

When ACFT taking-off from RWY 36L or RWY 36R, RWY 36R and RWY 01 are available for arrival.

# 2.3. TAXI PROCEDURES

Requirements as follows to increase RWY operation capacity (this does not apply to wet or contaminated RWY):

- ACFT shall finish fully vacating the RWY within 50 sec (70 sec for heavy type or above) after flying over RWY threshold.
- If crew suppose they cannot fulfill the process within the required time, they
  have to inform ATC while they are contacting final frequency (no later than
  base turn or before establishing the LOC).

After vacating RWY, especially under conditions of low visibility, report the RWY designation and TWY designation on initial contact with GND.

TWY C4 is used by ACFT turn to North from TWY P4.

TWY C5 is used by ACFT turn to South from TWY P5.

### **Operation during Snow Weather:**

Arriving ACFT with 4 engines (or more) shall keep the outside engines in idle state after vacating RWY until entering into stand.

# 2.4. OTHER INFORMATION

# 2.4.1. EMERGENCY AVOIDANCE FOR RWY 01

- ACFT beyond 5.4NM/10km from RWY THR, radar vectoring, contact BEIJING Approach.
- ACFT within 5.4NM/10km from RWY THR, turn RIGHT, heading 090°, climb to 1970′/600m and maintain the altitude. Contact BEIJING Approach.

# 2.4.2. EMERGENCY AVOIDANCE FOR RWY 18L

- ACFT beyond 5.4NM/10km from RWY THR, radar vectoring, contact BEIJING Approach.
- ACFT within 5.4NM/10km from RWY THR, keep track 179°, climb to 3940
   1200m and maintain the altitude. Contact BEIJING Approach.

# 2.4.3. EMERGENCY AVOIDANCE FOR RWY 18R

- ACFT beyond 5.4NM/10km from RWY THR, radar vectoring, contact BEIJING Approach.
- ACFT within 5.4NM/10km from RWY THR, turn RIGHT, heading 270°, climb to 2960'/900m and maintain the altitude. Contact BEIJING Approach.

## 2.4.4. EMERGENCY AVOIDANCE FOR RWY 19

- ACFT beyond 5.4NM/10km from RWY THR, radar vectoring, contact BEIJING Approach.
- ACFT within 5.4NM/10km from RWY THR, turn LEFT, heading 090°, climb to 1970'/600m and maintain the altitude. Contact BEIJING Approach.

3 JEPPESEN 14 NOV 14 (10-1P3) BEIJING, PR OF CHINA
AIRPORT BRIEFING

# 2. ARRIVAL

### 2.4.5. EMERGENCY AVOIDANCE FOR RWY 36L

- ACFT beyond 5.4NM/10km from RWY THR, radar vectoring, contact BEIJING Approach.
- ACFT within 5.4NM/10km from RWY THR, turn LEFT, heading 300°, climb to 6890'/2100m and maintain the altitude. Contact BEIJING Approach.

# 2.4.6. EMERGENCY AVOIDANCE FOR RWY 36R

- ACFT beyond 5.4NM/10km from RWY THR, radar vectoring, contact BEIJING Approach.
- ACFT within 5.4NM/10km from RWY THR, keep track 359°, climb to 3940 1200m and maintain the altitude. Contact BEIJING Approach.

# 2.4.7. INDEPENDENT VISUAL APPROACHES (IVA)

IVA may be used during parallel operations in RWY 36L/36R/01 or RWY 18R/18L/19 direction. Depending on meteorological conditions they may be initiated from a turning to final or from an ILS APCH once the pilot is visual.

Important instructions and advisory information for pilots:

- Report preceding ACFT and/or RWY in sight as soon as possible.
- ATC shall give IVA expectation and assigned RWY to flight crew at initial contact. If no objection, that has been accepted.
- Manage IAS on base leg to ensure you do not overshoot centerline and on final
  to keep the intervals between ACFT. Standard terminal area speeds apply,
  180 KT 10 NM from THR and 160 KT 5 NM from THR. If flight crew cannot fulfil
  required speed, inform ATC immediately.
- Fly accurate headings when being vectored to final. The vector for final will not be greater than 30 degrees.
- The phraseology will include "Cleared Independent Visual Approach".
- ATC will provide separations until cleared for a visual APCH. If ACFT is to
  follow a preceding ACFT to make the visual APCH, you will be responsible for
  the separation with the preceding ACFT, or you just have the RWY in sight to
  make the visual APCH but not the preceding ACFT, ATC will provide separations between you and the preceding ACFT.
- It is not necessary to apply any other type of separation with the other ACFT approaching on adjacent final after one ACFT is cleared for an IVA.
- Once the visual APCH has been issued and pilot has acknowledged receipt of the visual APCH clearance, the separation between ACFT and obstacles is in the charge of the flight crew.
- Do not pass through your assigned RWY centerline. Other ACFT will be operating on the adjacent APCH.
- ATC will provide type and wake turbulence category of preceding ACFT for all landing ACFTs which are tailing after heavy ACFTs and above (or B757).
- If necessary, ATC shall inform the traffic information of other relevant ACFT.
- Flight crew must respond to any TCAS alert in accordance with the procedures in the ACFT's flight manual.
- Accurately track extended RWY centerline during final.
- If for any reason, including radio failure or radio congestion, contact cannot be established or maintained with final ATC such that it prevents an instruction being issued by ATC or a vectoring request being made by the flight crew to enable intercept of final APCH course for the RWY assigned, then an ACFT shall initiate a turn in order to track the extended centerline of the RWY assigned and contact TWR.
- All medium ACFTs and below shall fully vacate RWY within 50 sec after touchdown, and all heavy ACFTs and above shall fully vacate RWY within 70 sec after touchdown. If flight crew cannot fulfil the process within the required time, pilot shall inform ATC in advance.

BEIJING, PR OF CHINA

Eff 9 Nov 1600Z AIRPORT BRIEFING

# 3. DEPARTURE

### 3.1. DEPARTURE CLEARANCE VIA DATA LINK (DCL)

DCL service provided by TWR will be put into use. Pilot shall request DCL 20 minutes in prior before ETD.

### 3.2. **DE-ICING**

#### 3.2.1. **GENERAL**

Two ways applied for de-icing:

- De-icing at de-icing positions;
- De-icing at stands.

Contact AOC or Tower to confirm de-icing mode.

Contact AOCC (Phone 86-10-64535867/8) for service details.

At de-icing position:

- Notify de-icing intention.
- Notify Delivery Controller of the need of de-icing when applying for delivery clearance.

ACFT with APU failure shall notify Tower and apply to AOC for stand de-icing and de-icing truck before push-back.

If APU failure happens on the de-icing position, notify maintenance person and AOC immediately.

De-icing frequencies for engine idling are 121.625 (East of RWY 36R/18L) and 121.975 (West of RWY 36R/18L).

#### 3.2.2. **PUSH-BACK AND TAXIING**

Contact Ground before push-back and follow ATC instructions to taxi to de-icing holding position.

### 3.2.3. TAXIING TO DE-ICING POSITION

Taxi behind Follow-me car to de-icing position.

#### 3.2.4. **BEFORE DE-ICING**

Stop ACFT and follow marshallers instructions, shut down engines and release brakes upon maintenance person notification.

#### 3.2.5. AFTER DE-ICING

Contact Ground for start-up clearance.

#### 3.3. START-UP, PUSH-BACK & TAXI PROCEDURES

Departing ACFT shall contact Aerodrome Delivery Control for departure clearance not earlier than 10 minutes prior to push-out for engine start-up.

Fast engine run-ups in the vicinity of boarding bridges, on apron or TWYs are strictly forbidden.

While pushed back from parking stand, verify the pushing direction and the approved RWY designation to GND control.

Requirements as follows to increase RWY operation capacity (this does not apply to wet or contaminated RWY):

- While preceding ACFT is departing or if RWY is not occupied, ACFT shall finish RWY alignment within 45 seconds (60 seconds for RWY 18L/36R) after receiving ATC instructions of entering RWY.
- While preceding ACFT is landing, ACFT shall finish RWY alignment within 50 seconds after receiving ATC instructions of entering RWY.
- If crew suppose they cannot fulfill the process within the required time, they have to inform ATC before reaching RWY holding point.

# Operation during Snow Weather:

Departing ACFT with 4 engines (or more) shall keep the outside engines in idle state after pushing out until entering into RWY.

4 NOV 16

SJEPPESEN (10-1P5) ■

BEIJING, PR OF CHINA

Eff 9 Nov 1600Z AIRPORT BRIEFING

# 3. DEPARTURE

# 3.4. NOISE ABATEMENT PROCEDURES

Upon condition of complying with the requirements of obstacle clearance and climb gradient required by flight procedure, the following operating procedures for take-off climb shall be implemented:

Take-off to 500m (1650') -

- Take-off power;

take-off flaps/slats;

- climb at  $V_2 + 20 \text{km/h}$  (10 KT).

At 500m (1650')

- Reduce thrust to not less than climb power;

- climb at  $V_2$  + 20km/h (10 KT) with flaps/slats in take-off configuration.

At 950m (3120') - Accelerate

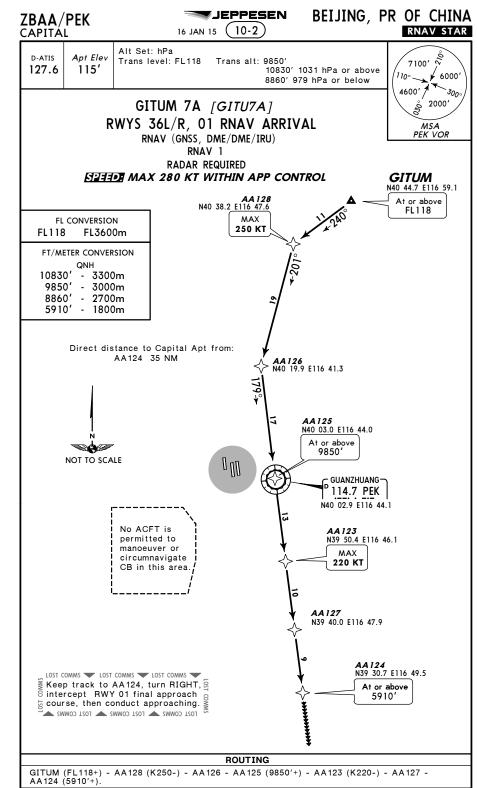
 Accelerate to en-route climb speed and retract flaps/slats on schedule while maintaining a positive

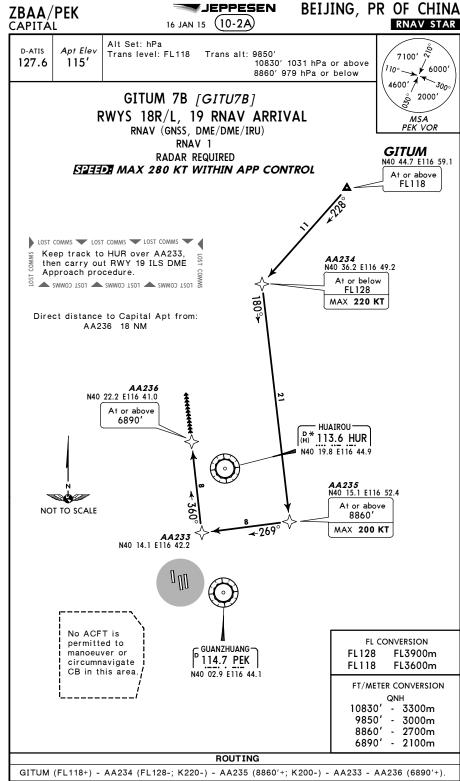
rate of climb.

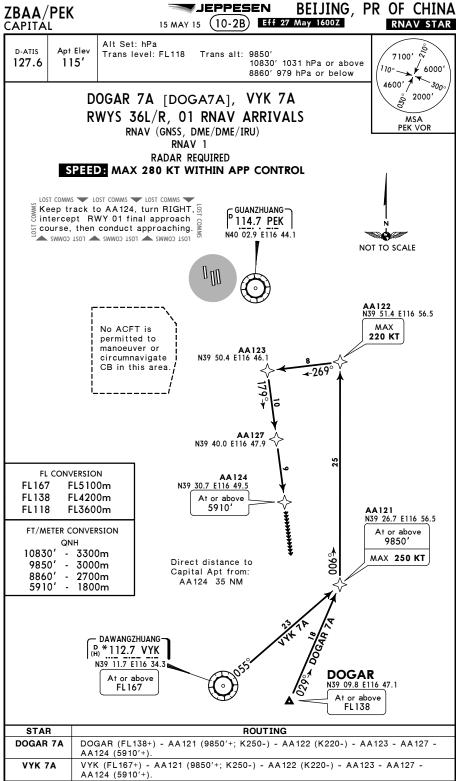
# 3.5. RUNWAY OPERATIONS

If ACFT needs full RWY length for take-off, contact BEIJING Delivery upon receiving delivery clearance.

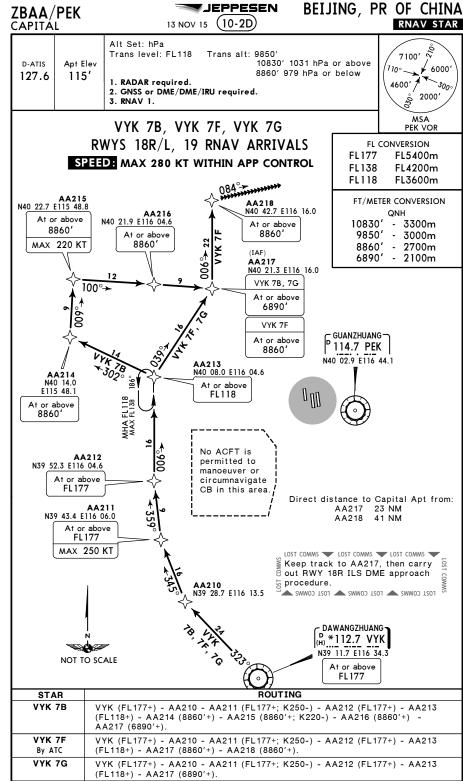
ACFT shall take off immediately after receiving take-off clearance by ATC, and keep watch on TWR frequency for further instructions.

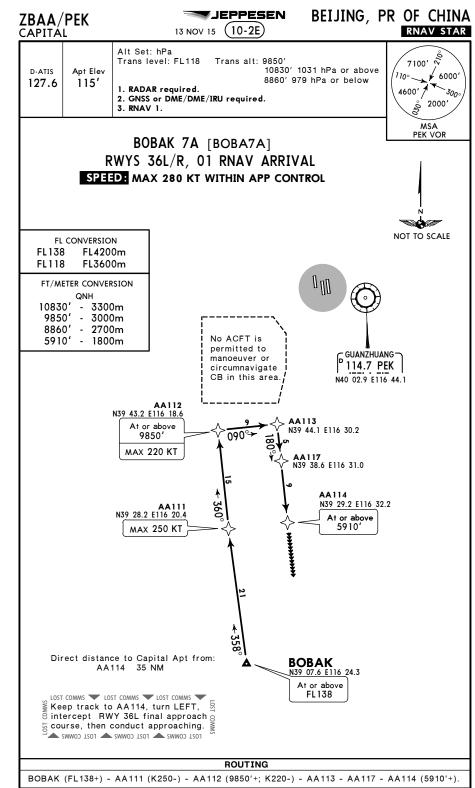






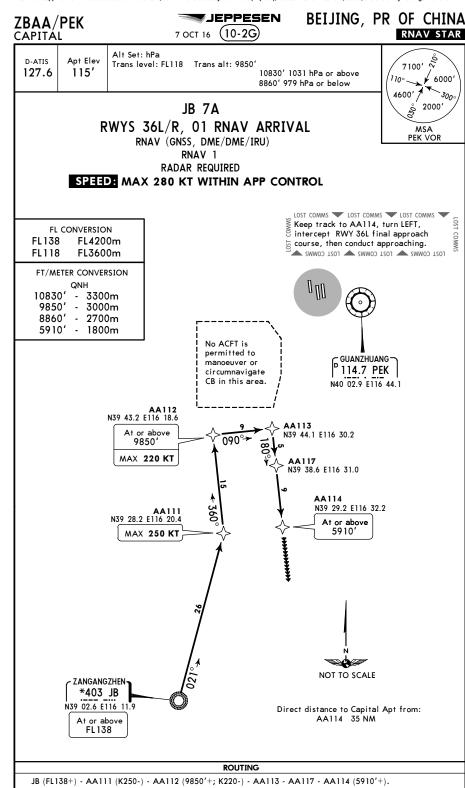
BEIJING, PR OF CHINA JEPPESEN ZBAA/PEK (10-2C)Eff 27 May 1600Z RNAV STAR CAPITÁL 15 MAY 15 Alt Set: hPa D-ATIS Apt Elev Trans level: FL118 Trans alt: 9850' 7100' 115' 127.6 10830' 1031 hPa or above **∮** 6000' 8860' 979 hPa or below 4600' DOGAR 7B [DOGA7B] 2000' RWYS 18R/L, 19 RNAV ARRIVAL MSA PEK VOR RNAV (GNSS, DME/DME/IRU) RNAV 1 RADAR REQUIRED SPEED: MAX 280 KT WITHIN APP CONTROL LOST COMMS LOST COMMS LOST COMMS Keep track to HUR over AA233, **AA236** N40 22.2 E116 41.0 then carry out RWY 19 ILS DME Approach procedure. At or above S TO21 COWWS TO21 COWWS TO21 COWWS 6890' HUAIROU-D\* 113.6 HUR N40 19.8 E116 44.9 **AA233** N40 14.1 E116 42.2 **AA232** N40 03.0 E116 44.0 0 00 At or above NOT TO SCALE 9850' MAX 200 KT GUANZHUANG 114.7 PEK N40 02.9 E116 44.1 Direct distance to Capital Apt from: AA236 18 NM No ACFT is AA231 N39 25.6 E116 44.2 permitted to manoeuver or circumnavigate CB in this area. DOGAR FL CONVERSION N39 09.8 E116 47.1 FL138 FL4200m At or above FL118 FL3600m FL138 FT/METER CONVERSION QNH 10830' - 3300m 9850' - 3000m 8860' - 2700m 6890' - 2100m ROUTING DOGAR (FL138+) - AA231 - AA232 (9850'+; K200-) - AA233 - AA236 (6890'+).

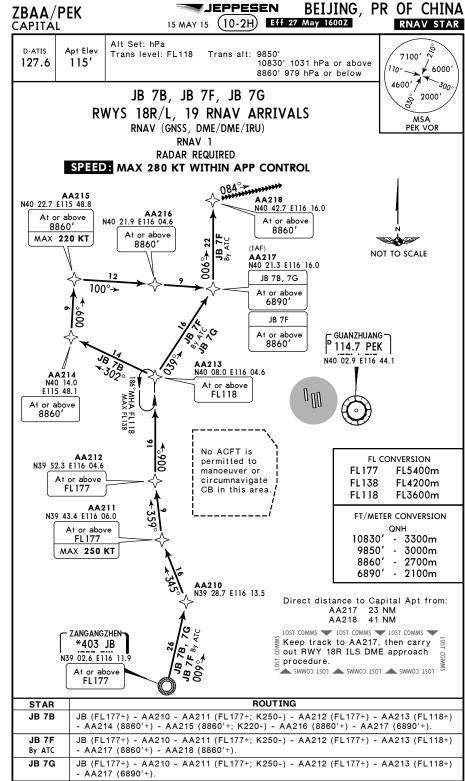


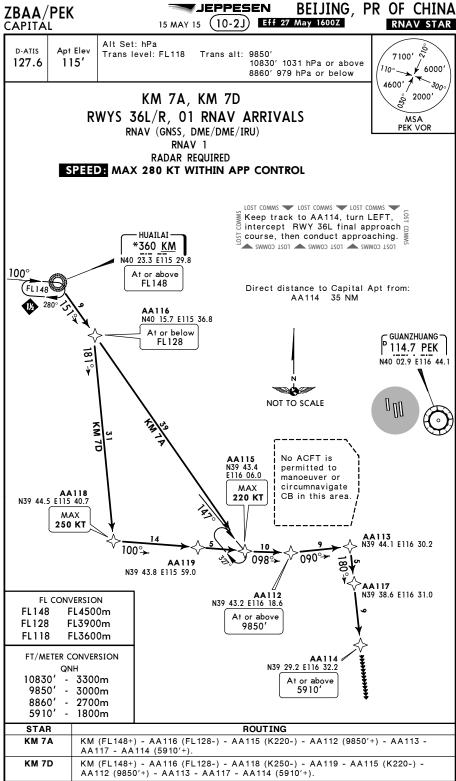


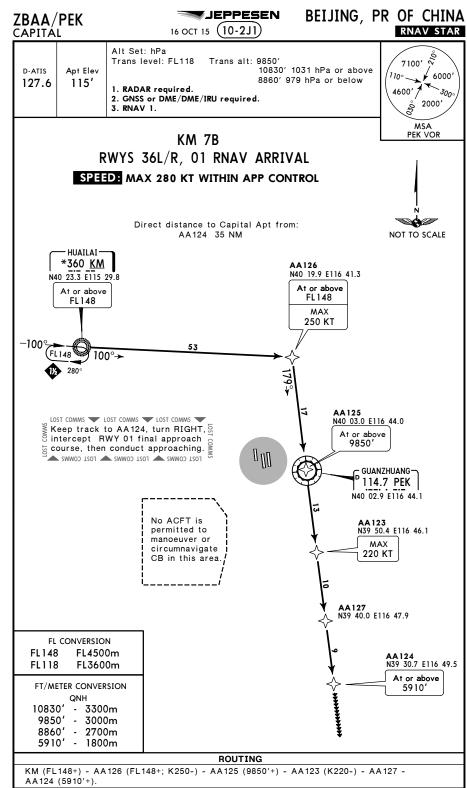
Printed from JeppView for Windows 5.3.0.0 on 21 Dec 2016; Terminal chart data cycle 24-2016 (Expired); Notice: After 01 Dec 2016, 0000Z, this chart may no longer be valid BEIJING, PR OF CHINA JEPPESEN ZBAA/PEK RNAV STAR (10-2F) CAPITÁL 7 OCT 16 Alt Set: hPa D-ATIS Apt Elev Trans level: FL118 Trans alt: 9850 127.6 115' 10830' 1031 hPa or above 8860' 979 hPa or below BOBAK 7B [BOBA7B], BOBAK 7F [BOBA7F], BOBAK 7G [BOBA7G] RWYS 18R/L, 19 RNAV ARRIVALS RNAV (GNSS, DME/DME/IRU) RNAV 1 RADAR REQUIRED SPEED: MAX 280 KT WITHIN APP CONTROL **AA215** N40 22.7 E115 48.8 A218 N40 42.7 E116 16.0 **AA216** At or above N40 21.9 E116 04.6 8860' At or above NOT TO SCALE 8860' MAX 220 KT At or above 8860 (IAF) Direct distance to **AA217** N40 21.3 <u>E116 16.0</u> Capital Apt from: AA217 23 NM AA218 41 NM BOBAK 7B, 7G 100°→ At or above 6890' **BOBAK 7F** At or above GUANZHUANG 8860 114.7 PEK N40 02.9 E116 44.1 **AA213** N40 08.0 E116 04.6 AA214 N40 14.0 E115 48.1 0 10 MHA FL118 At or above At or above FL118 8860 No ACFT is AA212 7100' % permitted to N39 52.3 E116 04.6 manoeuver or 6000 At or above circumnavigate FL 177 CB in this area. 4600' 2000' AA211 N39 43.4 E116 06.0 At or above PEK VOR FL177 MAX 250 KT FL CONVERSION FL187 FL5700m FL177 FL5400m FL138 FL4200m AA210 N39 28.7 E116 13.5 FL3600m FL118 FT/METER CONVERSION **BOBAK** QNH N39 07.6 E116 24.3 LOST COMMS LOST COMMS LOST COMMS 10830' 3300m Keep track to AA217, then carry At or above FL 187 9850' 3000m out RWY 18R ILS DME approach 8860' 2700m procedure. TO21 COWW2 TO21 COWW2 TO21 COWW2 68901 2100m

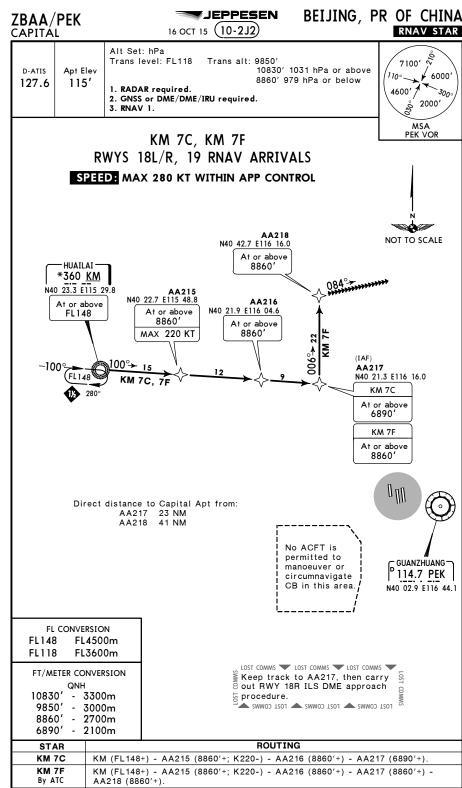
	SIAK	ROUTING	
	BOBAK 7B	BOBAK (FL187+) - AA210 - AA211 (FL177+; K250-) - AA212 (FL177+) - AA213 (FL118+) - AA214 (8860'+) - AA215 (8860'+; K220-) - AA216 (8860'+) - AA217 (6890'+).	
	BOBAK 7F By ATC	BOBAK (FL187+) - AA210 - AA211 (FL177+; K250-) - AA212 (FL177+) - AA213 (FL118+) - AA217 (8860'+) - AA218 (8860'+).	
	BOBAK 7G	BOBAK (FL187+) - AA210 - AA211 (FL177+; K250-) - AA212 (FL177+) - AA213 (FL118+) - AA217 (6890'+).	

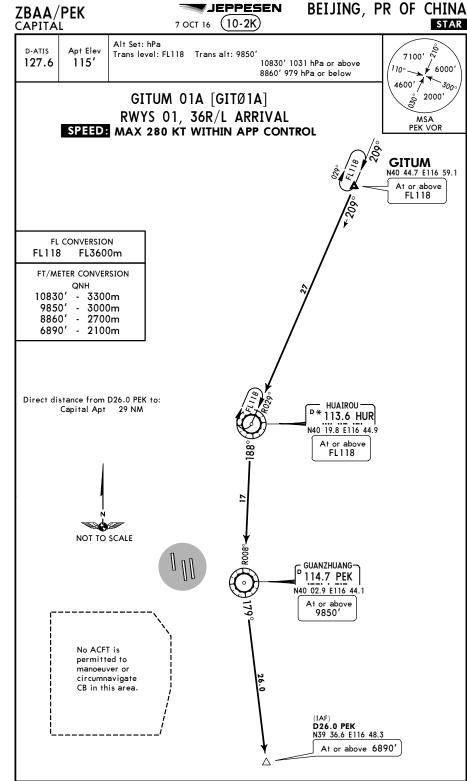


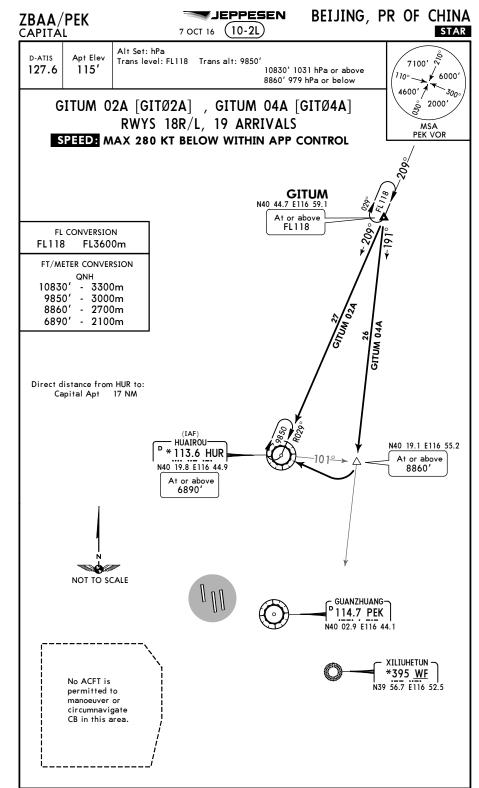


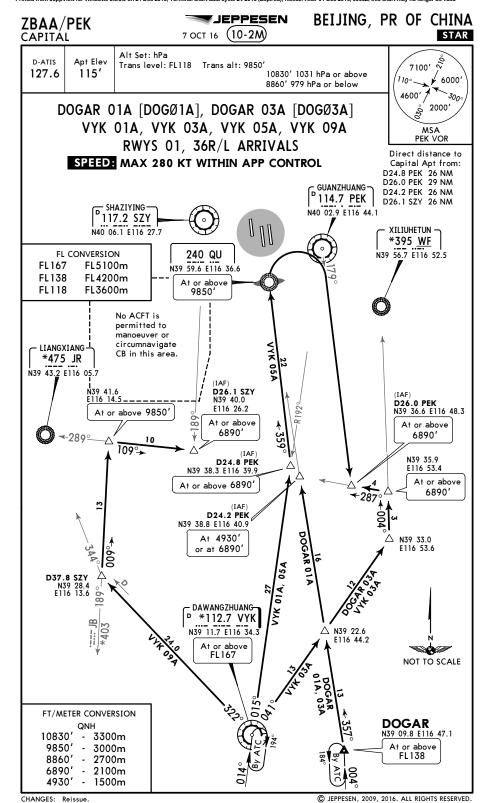


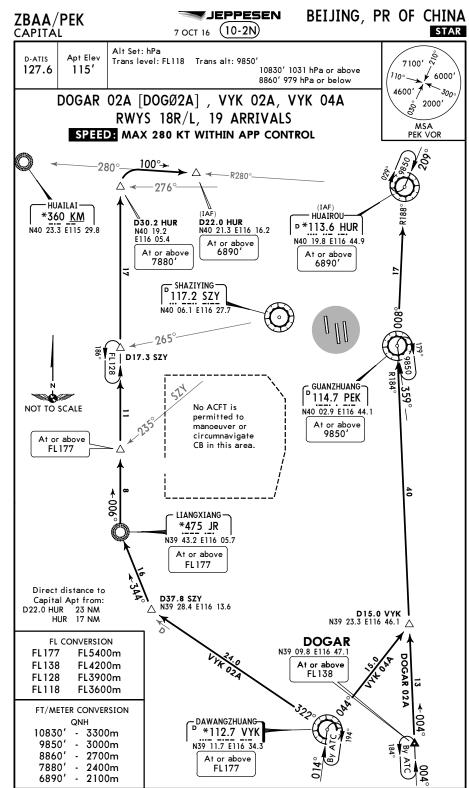


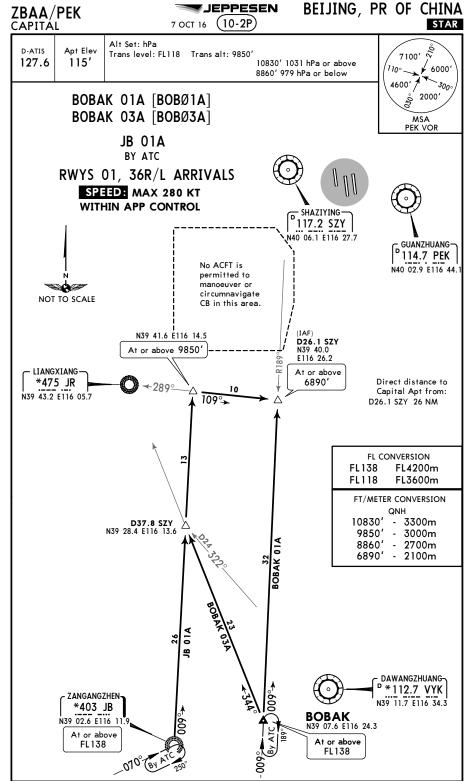


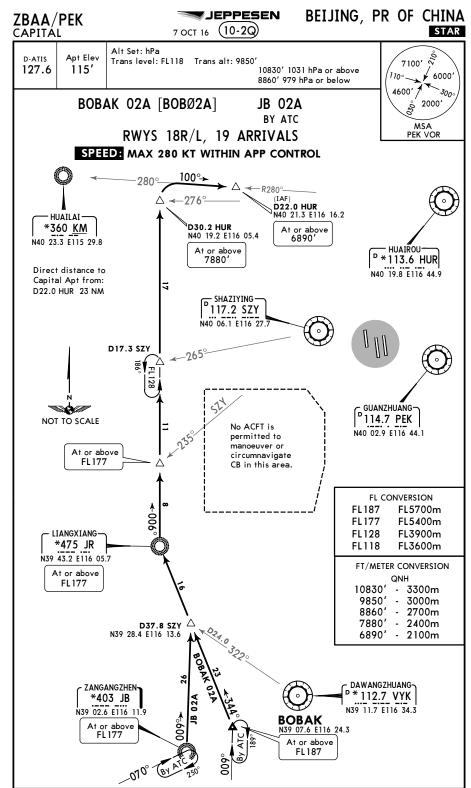


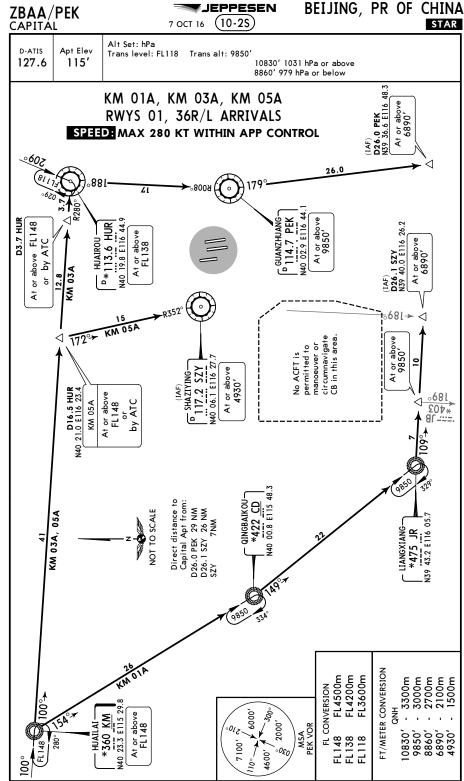


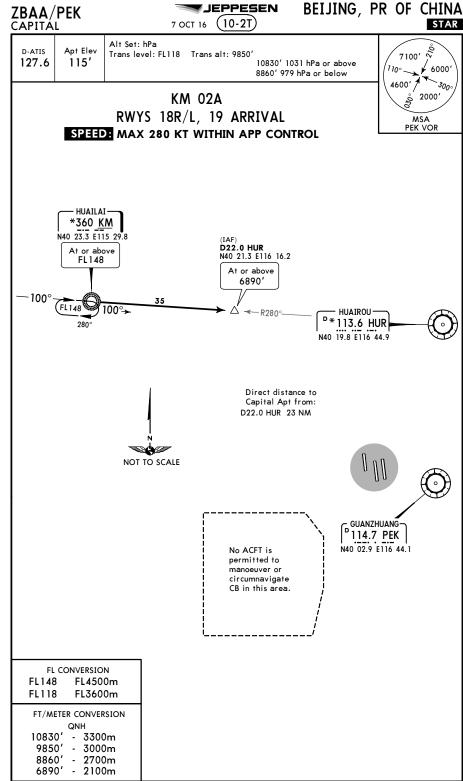












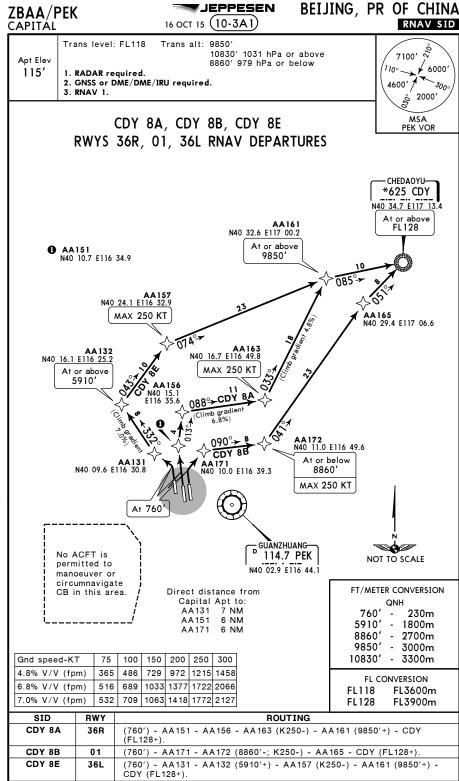
JEPPESEN BEIJING, PR OF CHINA
26 DEC 14 10-3 Eff 7 Jan 1600Z RNAV SID

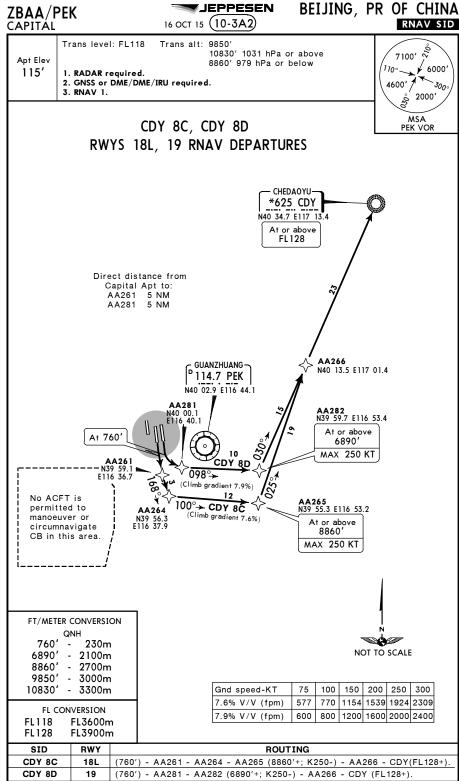
9.1.1.1.1			
REFER TO CHART			
10-3A1			
10-3A2			
10-3A3			
10-3B			
10-3C			
10-3D			
10-3E			
10-3E1			
10-3E2			
10-3F			
10-3G			
10-3G1			
10-3G2			
10-3G3			
10-3G4			
10-3H			
10-3J			

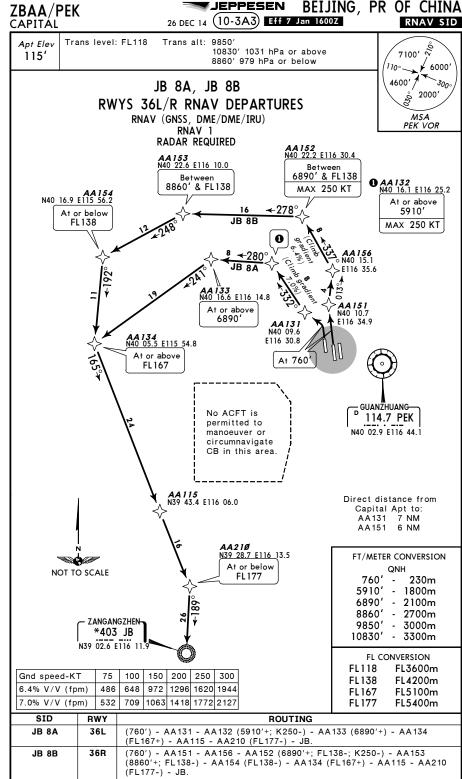
FOR SID DESIGNATION REFER TO PAGE 10-3A

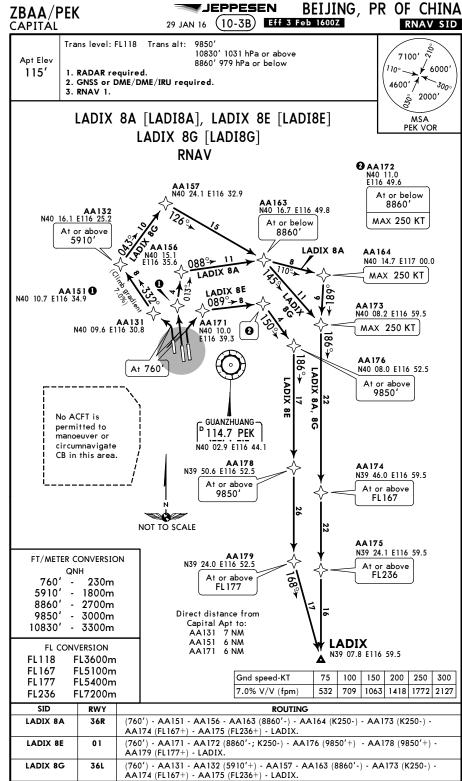
JEPPESEN BEIJING, PR OF CHINA
26 DEC 14 10-3A Eff 7 Jan 1600Z SID

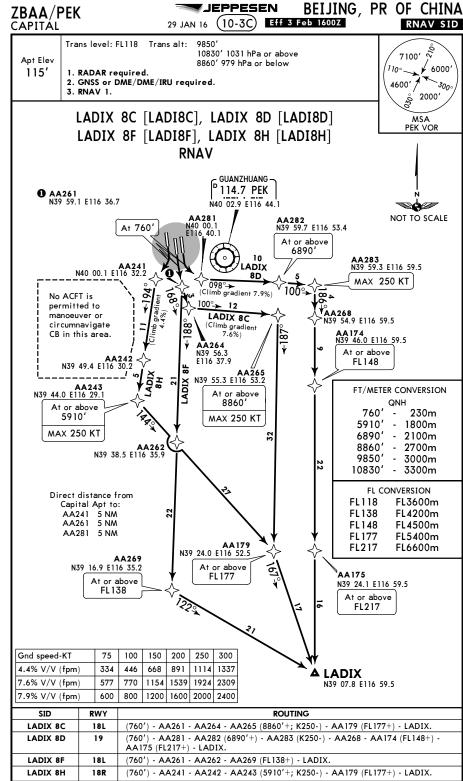
SID DESIGNATION	REFER TO CHART
CDY 11D, 21D, YV 11D, 12D, 13D, 21D	10-3K
CDY 31D, 41D, YV 31D, 32D, 41D	10-3L
CDY 51D, 61D, YV 51D, 52D, 61D	10-3M
LADIX 11D, 12D, 21D, TONIL 11D, 21D	10-3N
LADIX 31D, 32D, 41D, TONIL 31D, 41D	10-3P
LADIX 51D, 52D, 61D, TONIL 51D, 61D	10-3Q
RENOB 11D, 12D	10-3S
RENOB 21D, 22D, 23D	10-3T
RENOB 31D, 32D	10-3U
RENOB 41D, 42D, 43D, 44D	10-3V
RENOB 51D, 52D	10-3W
RENOB 61D, 62D, 63D, 64D	10-3X
SOSDI 11D, 12D	10-3X1
SOSDI 21D, 22D	10-3X2
SOSDI 31D, 32D	10-3X3
SOSDI 41D, 42D, 43D	10-3X4
SOSDI 51D, 52D	10-3X5
SOSDI 61D, 62D, 63D	10-3X6
KM 11D, 21D	10-3X7
KM 31D, 41D, 42D	10-3X8
KM 51D, 61D, 62D	10-3X9

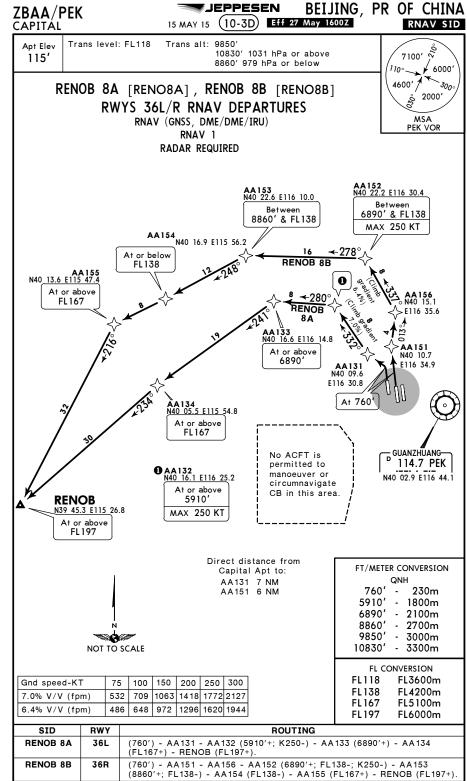




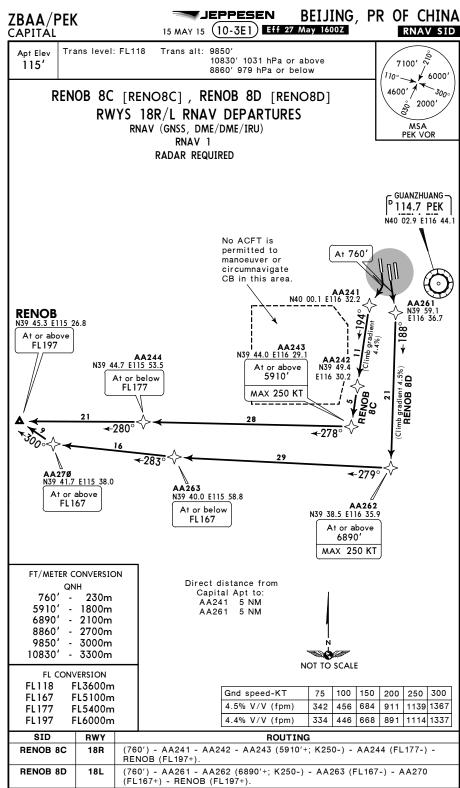


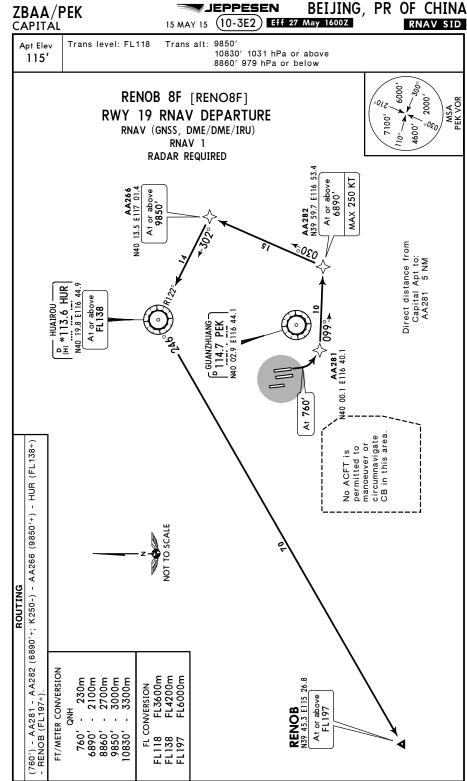


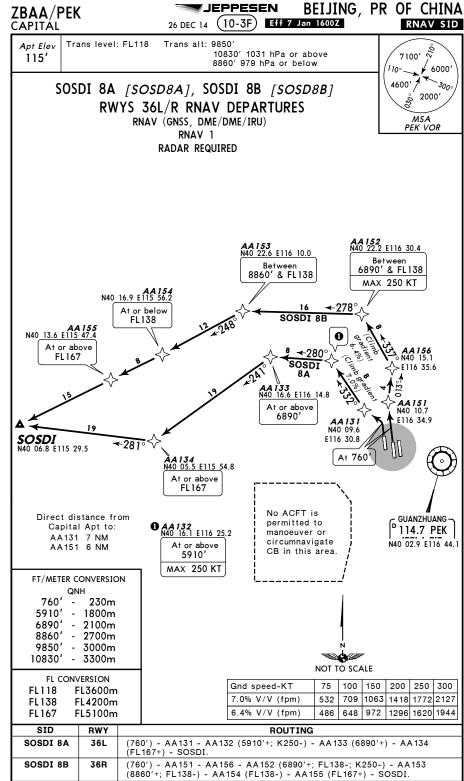




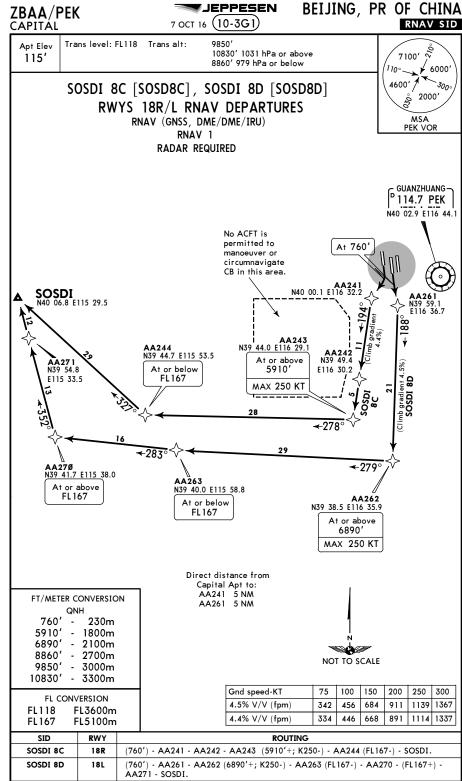
BEIJING, PR OF CHINA ZBAA/PEK 10-3E Eff 27 May CAPITÁL RNAV SID 15 MAY 15 9850 Apt Elev Trans alt: 10830' 1031 hPa or above 115' 8860' 979 hPa or below ~300°. RENOB 8E [RENO8E] ,0009 2000, MSA PEK VOR **RWY 01 RNAV DEPARTURE** 7100, RNAV (GNSS, DME/DME/IRU) 4600' RNAV 1 RADAR REQUIRED **AA 177** N39 42.1 E116 52.5 At or above FL148 **AA176** N40 08.0 E116 52.5 **AA 172** N40 11.0 E116 49.6 At or below 8860' MAX 250 KT 26 186°<del>></del> **←**278° (Climb gradient P 114.7 PEK 5.6%) - GUANZHUANG -<u>,</u>680 **AA171** N40 10.0 E116 39.3 1134 1418 1701 36 At 760' 250 circumnavigate CB in this area 200 manoeuver or permitted to No ACFT is (760') - AA171 - AA172 (8860'-; K250-) - AA176 - AA177 (FL148+) 851 150 567 9 425 Direct distance from 75 Capital Apt to: NOT TO SCALE AA171 6 NM **AA115** N39 43.4 E116 06.0 At or above FL187 ÷280° 5.6% V/V (fpm) Gnd speed-KT ROUTING AA115 (FL187+) - RENOB (FL197+). 30 **RENOB**N39 45.3 E115 26.8 FT/METER CONVERSION At or above 230m 3000m 3300m FL3600m FL4500m FL5700m FL6000m 2700m FL CONVERSION FL197 8860, 9850' 0830' FL 148 FL 187 FL 197



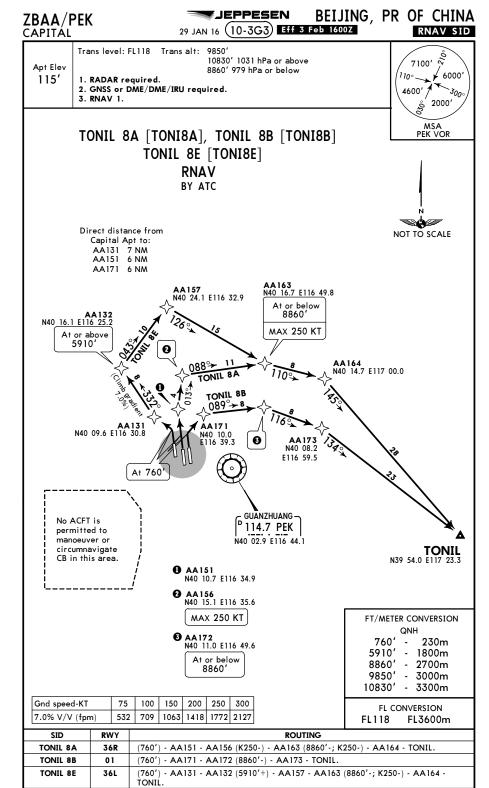




BEIJING, PR OF CHINA ZBAA/PEK (10-3G CAPITÁL RNAV SID 26 DEC 14 Apt Elev Trans alt: 9850' 10830' 1031 hPa or above 115' 8860' 979 hPa or below SOSDI 8E [SOSD8E] ,0009 MSA PEK VOR 2000, **RWY 01 RNAV DEPARTURE** 7100, RNAV (GNSS, DME/DME/IRU) 4600' RNAV 1 RADAR REQUIRED **AA177** N39 42.1 E116 52.5 At or above FL128 **AA 176** N40 08:0 E116 52.5 **AA172** N40 11.0 E116 49.6 26 186°<del>≻</del> **←**278° P 114.7 PEK N40 02.9 E116 44.1 GUANZHUANG 680 **AA171** N40 10.0 E116 39.3 36 At 760' circumnavigate CB in this area manoeuver or permitted to (760') - AA171 - AA172 - AA176 - AA177 (FL128+) - AA115 (FL187+) No ACFT is Direct distance from Capital Apt to: AA171 6 NM FL3600m FL3900m FL5700m FL CONVERSION ROUTING **AA 115** N39 43.4 E116 06.0 At or above FL 187 FL118 FL128 FL187 **SOSDI** N40 06.8 E115 29.5 FT/METER CONVERSION 230m 2700m 3000m 3300m NOT TO SCALE A N H ,09/ 8860, 9850' 0830' SOSDI



BEIJING, PR OF CHINA EPPESEN ZBAA/PEK (10-3G2) RNAV SID CAPITÁL 7 OCT 16 9850' Apt Elev Trans level: FL118 10830' 1031 hPa or above 8860' 979 hPa or below 115' ,0009 SOSDI 8F [SOSD8F] 2000, MSA PEK VOR **RWY 19 RNAV DEPARTURE** 7100, 4600' RNAV (GNSS, DME/DME/IRU) RNAV 1 RADAR REQUIRED At or above 6890 **AA282** N39 59.7 E116 53.4 MAX 250 KT At or above 9850' AA266 N40 13.5 E117 01.4 <u>030</u> Direct distance from Capital Apt to: AA281 5 NM N40 19.8 E116 44.9 P \*113.6 HUR At or above FL138 — HUAIROU — B 114.7 PEK AA281 140 00.1 E116 40. At 760' circumnavigate CB in this area. manoeuver or permitted to No ACFT is (760') - AA281 - AA282 (6890'+; K250-) - AA266 (9850'+) - HUR (FL138+) - SOSDI. NOT TO SCALE ROUTING FT/METER CONVERSION N40 06.8 E115 29.5 2100m 2700m 3000m 3300m FL4200m FL3600m FL CONVERSION SOSDI 9850, 760, 8860, 0830, FL118 FL138

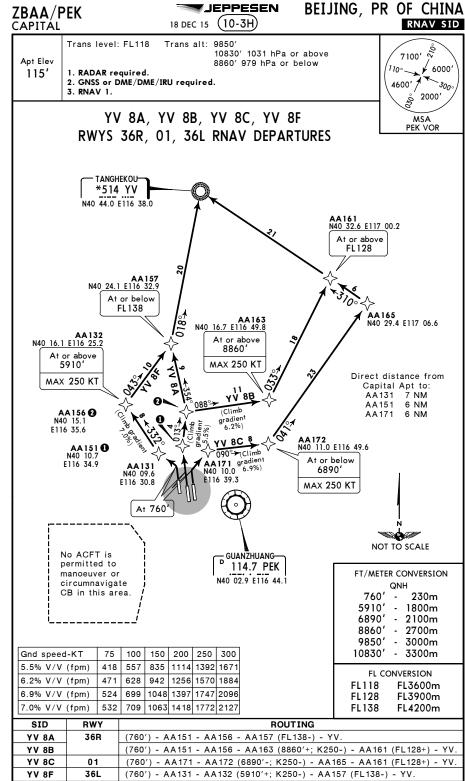


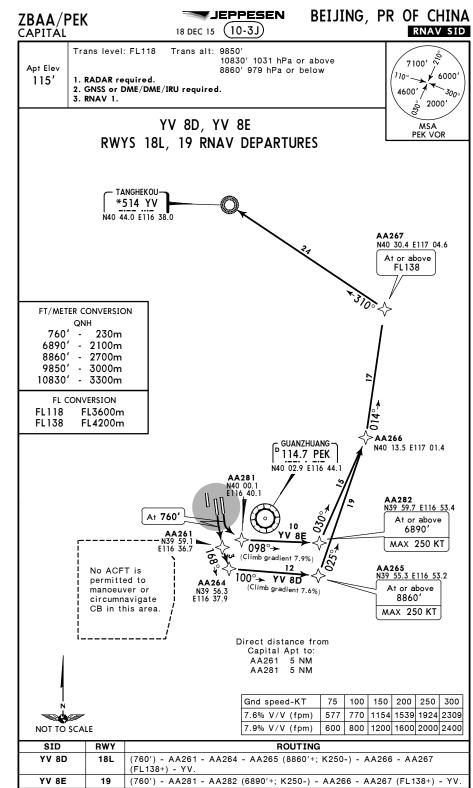
BEIJING, PR OF CHINA JEPPESEN ZBAA/PEK 29 JAN 16 (10-3G4) Eff 3 Feb 1600Z RNAV SID CAPITÁL Trans alt: 9850' 10830' 1031 hPa or above 7100' Apt Elev 8860' 979 hPa or below 6000 115' 1. RADAR required. 2. GNSS or DME/DME/IRU required. 4600' / 3. RNAV 1. 2000' TONIL 8C [TONI8C] MSA PEK VOR TONIL 8D [TONI8D] RNAV BY ATC NOT TO SCALE - GUANZHUANG 114.7 PEK N40 02.9 E116 44.1 AA282 N39 59.7 E116 53.4 AA281 N40 00.1 E116 40.1 At or above 6890' At 760' ONIL **AA283 AA261** - N39 59.1 E116 36.7 N39 59.3 E116 59.5 8D 098°→ 1123 (Climb gradient 7.9%) 12 No ACFT is 099° 100°→ permitted to TONIL 8C manoeuver or (Climb gradient 7.6%) circumnavigate N39 54.9 E116 59.5 N39 56.3 E116 37.9 TONIL CB in this area. AA265 N39 55.3 E116 53.2 N39 54.0 E117 23.3 MAX 250 KT At or above 8860 Direct distance from Capital Apt to: AA261 5 NM AA281 5 NM FT/METER CONVERSION 760' 230m 6890' 2100m 8860' 2700m Gnd speed-KT 75 100 150 250 300 9850' 3000m 7.6% V/V (fpm) 577 770 1154 1539 1924 2309 108301 3300m 600 1200 1600 2000 2400 7.9% V/V (fpm) 800 FL CONVERSION FL118 FL3600m

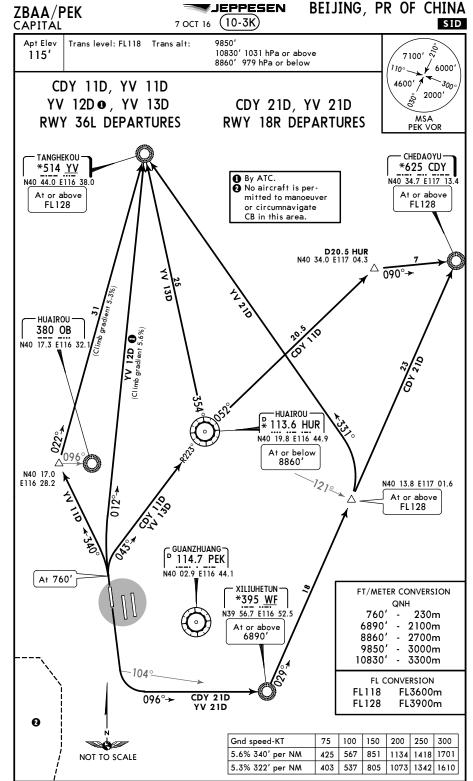
 SID
 RWY
 ROUTING

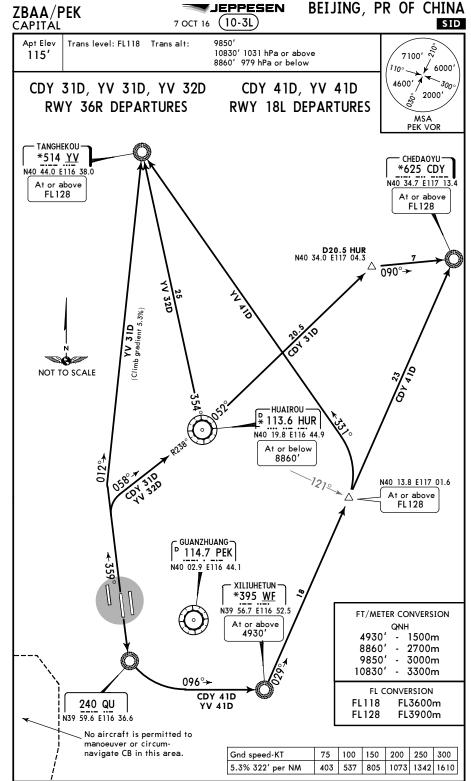
 TONIL 8C
 18L
 (760') - AA261 - AA264 (K250-) - AA265 (8860'+) - AA268 - TONIL.

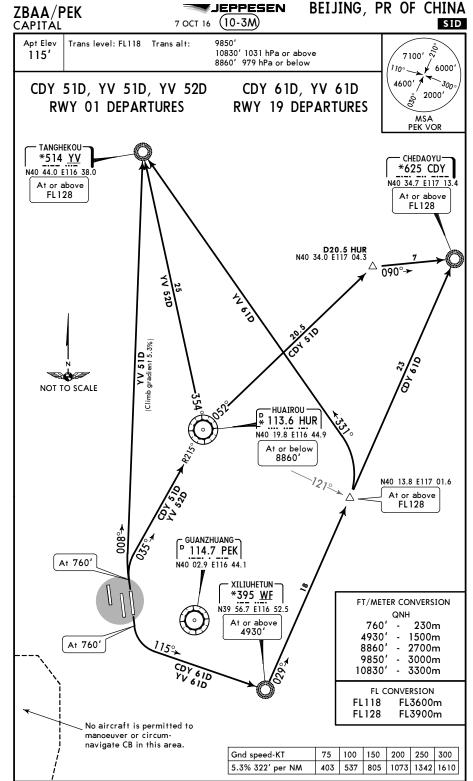
 TONIL 8D
 19
 (760') - AA281 - AA282 (6890'+) - AA283 - TONIL.

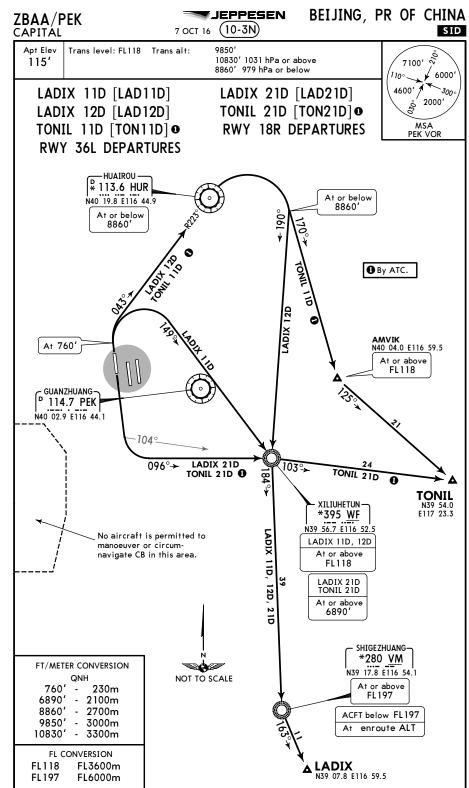


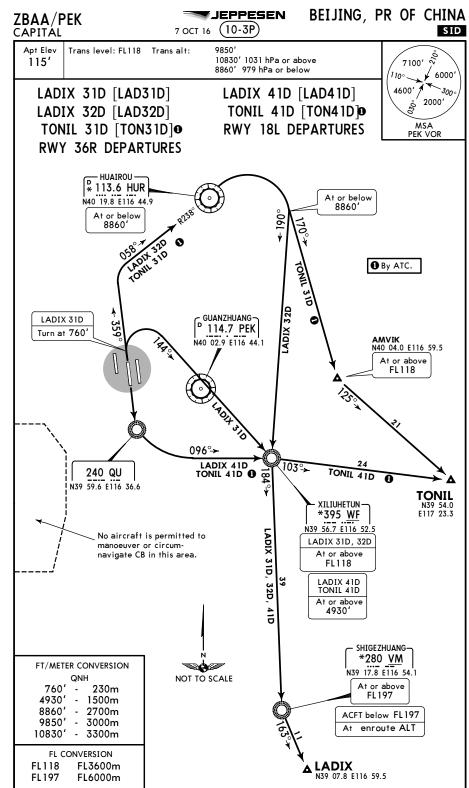


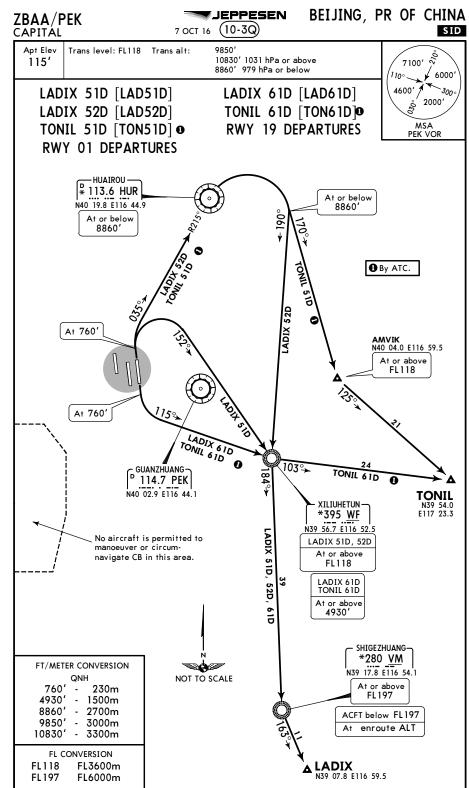


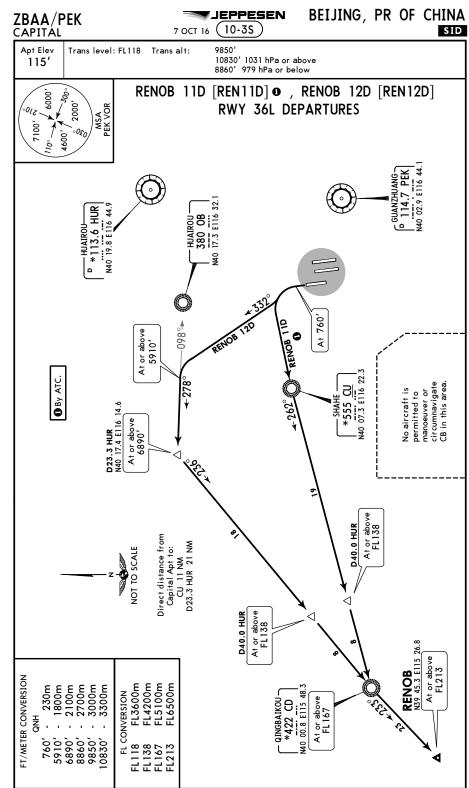




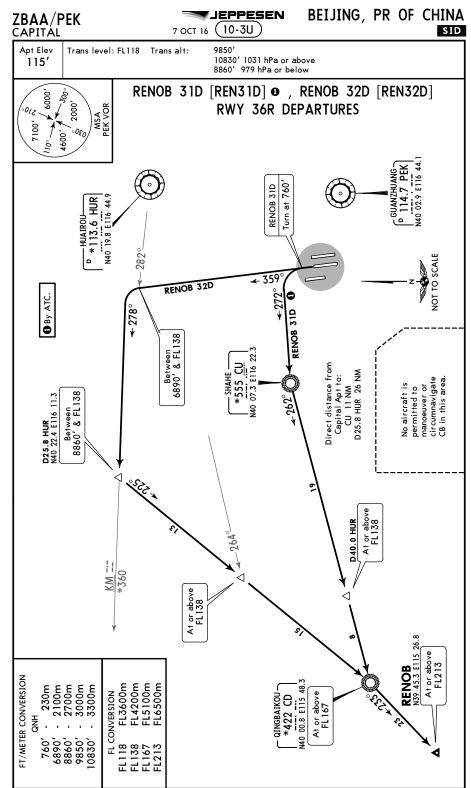


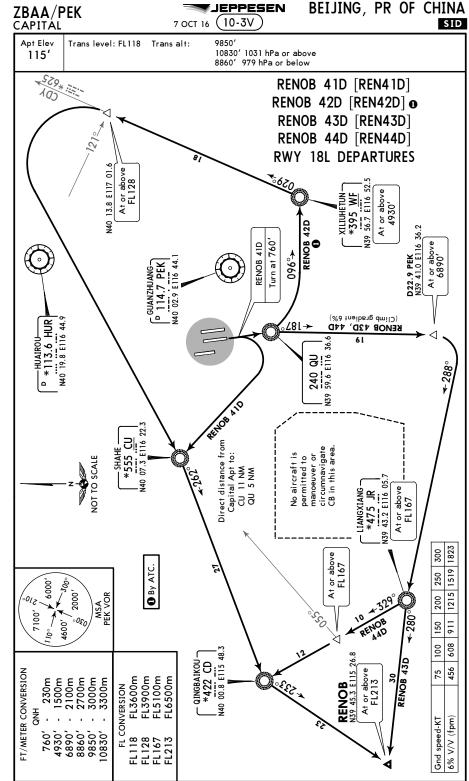


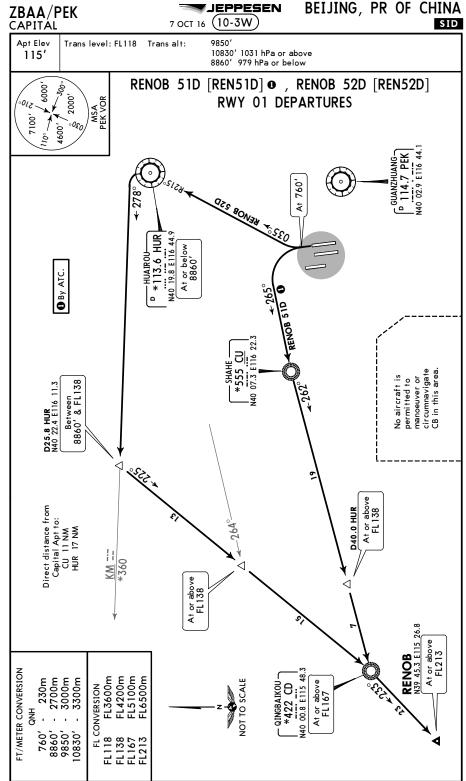


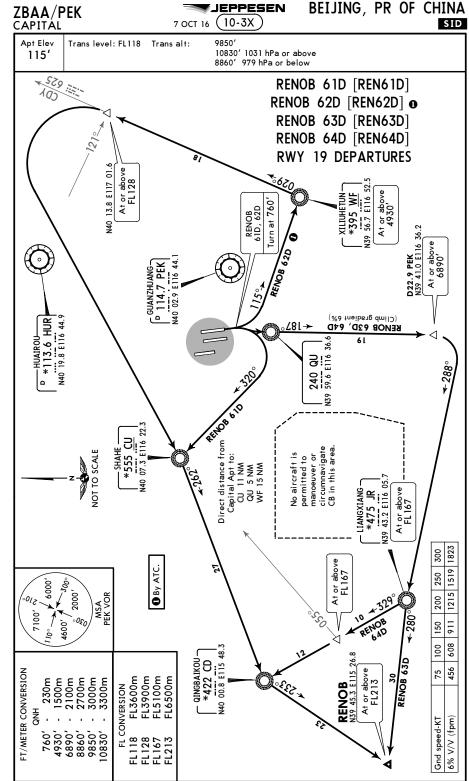


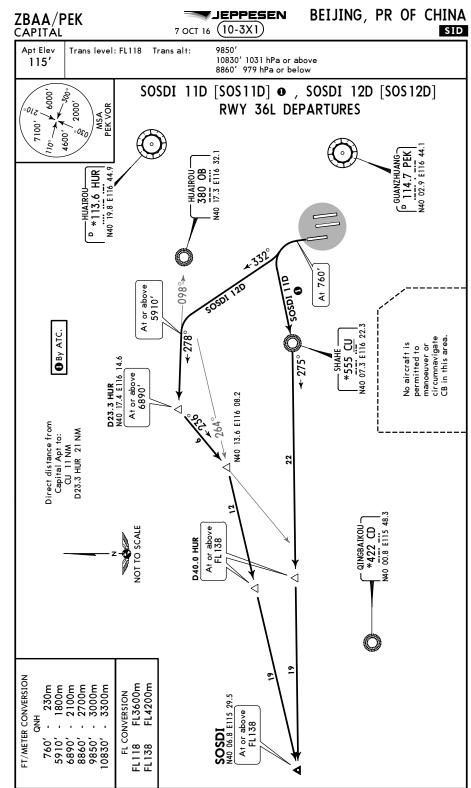
BEIJING, PR OF CHINA ZBAA/PEK CAPITAL 10-3T 7 OCT 16 SID Apt Elev 9850 Trans level: FL118 Trans alt: 10830' 1031 hPa or above 115' 979 hPa or below RENOB 21D [REN21D] • RENOB 22D [REN22D] RENOB 23D [REN23D] P 114.7 PEK N40 02.9 E116 44.1 **GUANZHUANG**-**RWY 18R DEPARTURES** or above 5910' Direct distance from Capital Apt to: CU 11 NM JR 31 NM PEK 22.0 DME ¥ RENOB 22D, 23D (Climb gradient 6%) 066L→ At 760' **←** 278° \*555 <u>CU</u> | N40 07.3 E116 22.3 circumnavigate CB in this area. No aircraft is manoeuver or permitted to **~** 262° # By ATC. At or above FL167 NOT TO SCALE 280° 1823 IANGXIANG-At or above \*422 CD N40 00.8 E115 48.3 FL167 1215 1519 250 **JINGBAIK OU** RENOB 22D 200 33 150 91 **RENOB**N39 45.3 E115 26.8 809 100 At or above FL213 456 75 FT/METER CONVERSION 2700m 3000m FL5100m FL6500m 230m 800m 3300m FL3600m FL CONVERSION ,0009 **Gnd speed-KT** 6% V/V (fpm) 2000, MSA PEK VOR ,0886 5910, 8860, 0830, FL167 FL213 7100, 4600,



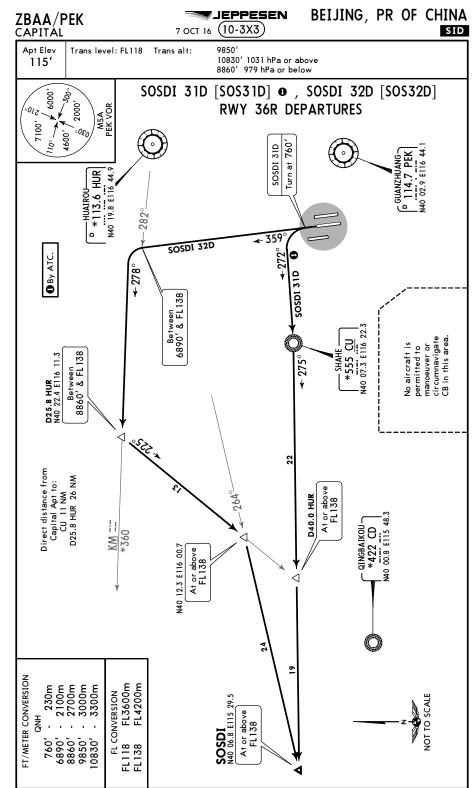


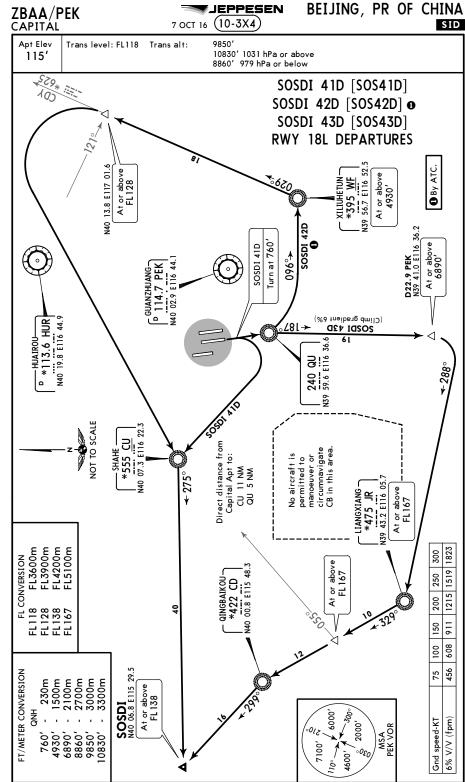




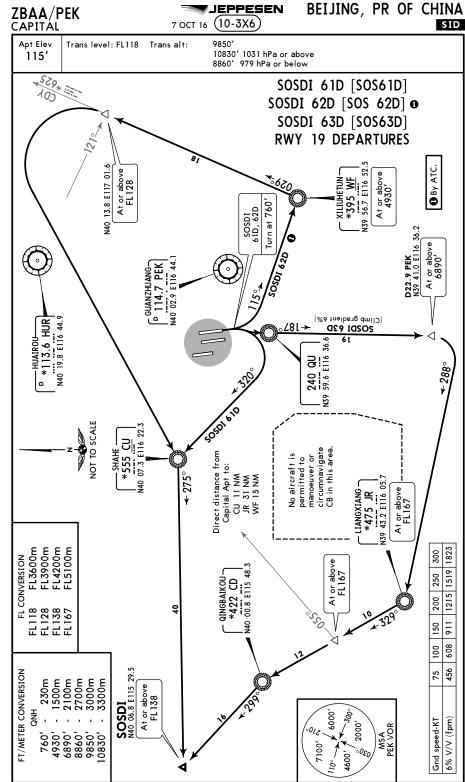


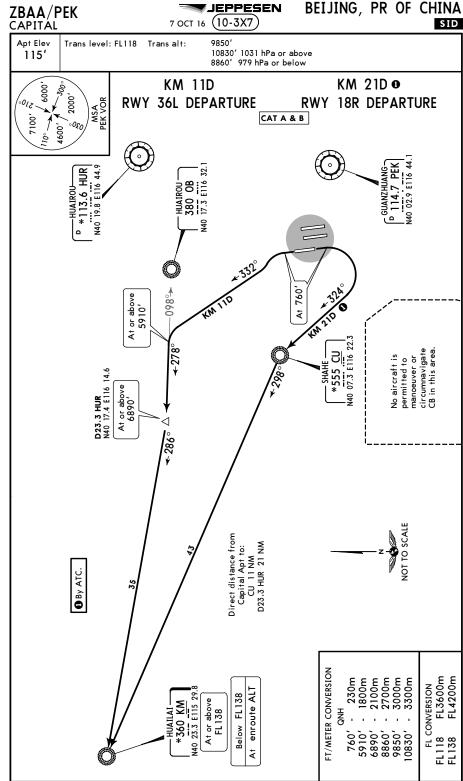
BEIJING, PR OF CHINA ZBAA/PEK CAPITAL (10-3X2) 7 OCT 16 SID Apt Elev 9850 Trans level: FL118 Trans alt: 10830' 1031 hPa or above 8860' 979 hPa or below 115′ SOSDI 21D [SOS21D] ● , SOSDI 22D [SOS22D] RWY **18R DEPARTURES** P 114.7 PEK **GUANZHUANG** At or above 5910' Direct distance from Capital Apt to: CU 11 NM JR 31 NM PEK 22.0 DME (Climb gradient 6%) SOSDI 22D 066L→ At 760' **←** 278° \*555 <u>CU</u> | circumnavigate CB in this area. No aircraft is manoeuver or permitted to **←** 275° By ATC. NOT TO SCALE At or above FL167 \*422 CD N40 00.8 E115 48.3 QINGBAIKOU. \*475 JR \* 139 43.2 E116 05.7 At or above FL167 IANGXIANG 1215 1519 1823 300 250 200 150 911 809 100 456 75 FT/METER CONVERSION 800m 2700m 3000m 3300m FL4200m 230m FL3600m FL5100m FL CONVERSION **SOSDI** N40 06.8 E115 29.5 At or above FL138 ,0009 **Gnd speed-KT** (mdf) V/V %9 01¢, 510 2000, MSA PEK VOR 8860, 9850' 5910, FL138 FL167 4600,

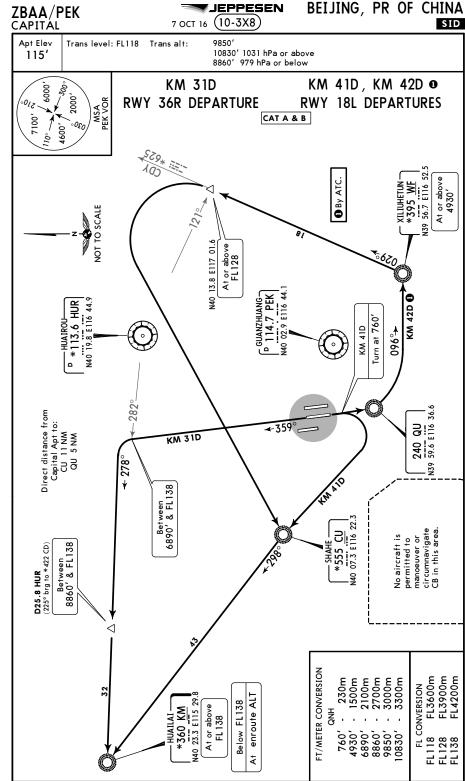


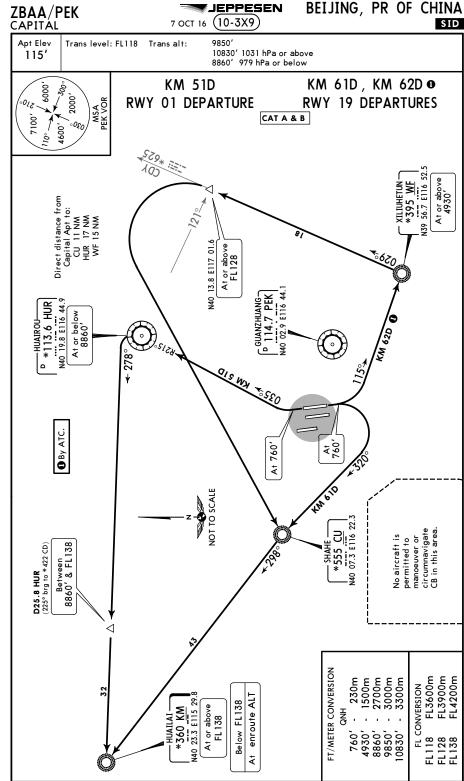


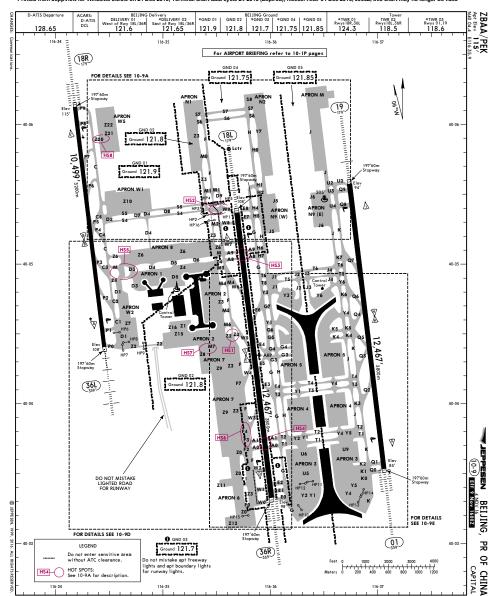
BEIJING, PR OF CHINA ZBAA/PEK CAPITAL (10-3X5) SID 7 OCT 16 Apt Elev 9850 Trans level: FL118 Trans alt: 115' 10830' 1031 hPa or above 8860' 979 hPa or below SOSDI 51D [SODSI51D] **●** , SOSDI 52D [SOS52D] ,0009 2000, RWY 01 DEPARTURES MSA PEK VOR 7100, 1100 4600' P 114.7 PEK At 760' **GUANZHUANG ←** 278° 01.5 1050s + 550 P \*113.6 HUR N40 19.8 E116 44.9 At or below 8860' -HUAIROU-By ATC. | \*555 <u>CU</u> | N40 07.3 E116 22.3 SHAHE circumnavigate CB in this area. No aircraft is permitted to manoeuver or 8860' & FL138 **D25.8 HUR** N40 22.4 E116 11.3 **←** 275° Between At or above FL138 D40.0 HUR Direct distance from \*360 Capital Apt to: CU 11 NM HUR 17 NM At or above FL138 140 12.3 E116 00.7  $\triangleleft$ 42 2 FT/METER CONVERSION 2700m 3000m 3300m FL3600m FL4200m **SOSDI** N40 06.8 E115 29.5 FL CONVERSION NOT TO SCALE At or above FL138 8860' 0830, FL118 FL 138



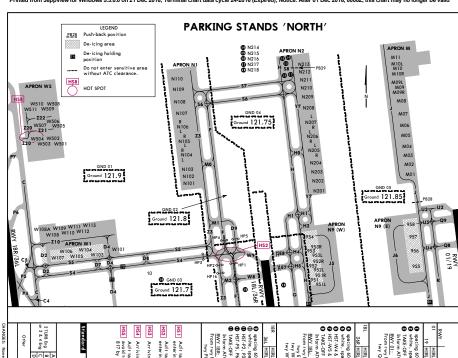








BEIJING,



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Other		2 TURB Eng or 3 & 4 Eng			Signatura		HS5 ave	HS4 An	HS3 Arı	HS2 ent			From r				361	Ť	tw t	RWY 181:				36R	From r	RWY 01:		19	Ŷ	-
	_	0 00 >	1		<b>ا</b>	1	old turn by mir	iving a	iving a	ering V	ering V		twy P8 int	NATC U	HST-P5, P6 & P7 TAKE-OFF RUN A	spacing 60m white, spacing 30m HST.P2, P3 & P4	HIRL O	twy W7 int	twy E7 int twy W8 int	BL:	OFF RUI	HST-W4 & W3	spacing 60m white, spacing 15m	HIRL O	n rwy head twy Q1 int	- 3	spacing 60m white, spacing 15m TAKE-OFF RUN AVA	HIRL 🗨	₽ O	
	20	R)	H				ing earl	cft mus	cft mus	V9 by m	Acft taxiing from Twy Z entering W5 by mistake. Acft taxiing from Twy S.	-	I =	pon rece	HST-P5, P6 & P7 TAKE-OFF RUN AVAILABLE	g 30m	<b>ම</b> ල	111,2	twy E7 int 12,221 twy W8 int 12,073		TAKE-OFF RUN AVAILABLE In form ATC upon receiving		g 15m	<b>ට</b> ර ර	From rwy head 12,467' (3800m) twy Q1 int 12,221' (3725m)	0	spacing 60m white, spacing 15m TAKE-OFF RUN AVAILABLE	<b>6</b>	<b>©</b>	
	RVR 250m	RVR 200m	HIRL and CL	Ę			y and en	not ex	not exi	stake.	Twy Z2 stake. Twy S4	or infor	9777' (2980m)	iving de	ABLE		ALSF-II HIALS	220' (3.	12,467 (3800m) 12,221' (3725m) 12,073' (3680m)		ABLE iving de			HIALS ALSF-II	7' (3800m) 21' (3725m)	i i	ABLE	HIALS	ALSF-1	
				must be i			tering s	t via Tv	t via Tv	entering W9 by mistake.	Acft taxiing from Twy Z2 to F shall avoid entering W5 by mistake.  Acft taxiing from Twy S4 to F shall avoid	mation	m) m	divery o			TDZ PAPI:	(20m)	725m) 80m)		iverv			1 1-0	Sm)	,		SFL I	TDZ	
		_	RL	in force			Act it taxing from Iwy 24 and M to Do shall avoid turning early and entering stands 816, 817 by mistake.	Arriving acft must not exit via Twy A0 and A1.	Arriving acft must not exit via Twy A8 and A9.		avoid	For information only, not		earanc			PAPI-L(3.0°) L(3.0°)				earanc			API-L(3.0°) TDZ PAPI-L(3.0°)		-		SFL PAPI-L(3.2°)	PAPI-L(3.0°)	
	RVR 300m	RVR 250m	and RCLM	ê	ž		, =	d Al.	d A9.			o HO		if full			1				- - -			1			Ē	2°)	5.0°)	
	3	3	×		TAKE-OFF		8SH		HS7		HS6	SPOTS	From	runway RWY			⊕ RVR	_	+ From	RWY 36R:	runwav			O RVR	From	RWY		RVR	RVR	LANDI
	Г		l		1	Twy C		stand 212.		Acft w	as quic	SPOTS construed as ATC instructions.	From rwy head twy P1 int	Inform ATC upon receiving delivery clearance if full runway length is required.  RWY 36L:				twy E2 int twy W2 int	From rwy nead twy E1 int twy W1 int	36R:	TAKE-OFF RUN AVAILABLE Inform ATC upon receiving delivery clearance if full runway length is required.				From rwy head twy Q9 int twy Q8 int	RWY 01: RWY 19:			Threshold	. E
		RVR 400m	RL			via Z20	g taxila	12.	9-M7-Z	ith win	kly as p xiing fr	instru	l =	s requi							requi			-1-		q		L	- 1	DING B
_		m	ľ			- 5	ne Z21 y for a		8 is on	gspan o	Rwy 18 possible om Twj	ctions.	10,499' (3200m) 9777' (2980m)	ed.			9514' 2 9564' 2	11,893' (	~~~		ē.			11,522' 3512m 11,483' 3500m	12,467' (3800m) 12,221' (3725m) 11,565' (3525m)			11,516' 3510m	Glide Slope 11,466′ 3495r	LANDING BEYOND
VIS1600m	H		ŀ	. Kwys	,	Twy C via 220.	There i		y for ac	f more t	to avoi		00m) (80m)				2900m 2915m	(3625m) (3420m)	(3725m) (3680m)					3512m 3500m	(3800m) (3725m) (3525m)			510m	495m	K
3		RVF	NIL (			1 8	Act entering apron W3 via 220 shall avoid missing taxilane Z21. There is only one entry/exit way for apron W5, departing act		route Z9:M7-Z8 is only for acft with wingspan less than 118'/36m, except acft parking on	Acft with wingspan of more than 118'/36m	When exiting Rwy 18L via W3, leave area as quickly as possible to avoid conflict with acft taxiing from Twy A1 to the West.						Θ							•				  e	TAKE-OFF	
		RVR 500m	NIL (DAY only)				ing acf		wingsp ing on	laxi	t ct with																	L		
			1				-		án		-						16.4' 50m							197'				60m	197'	

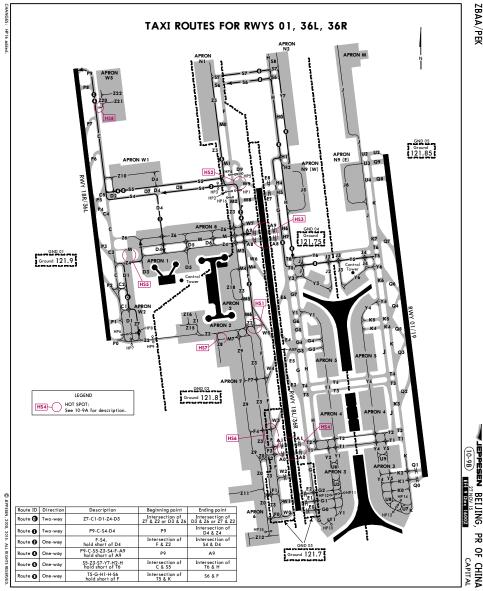
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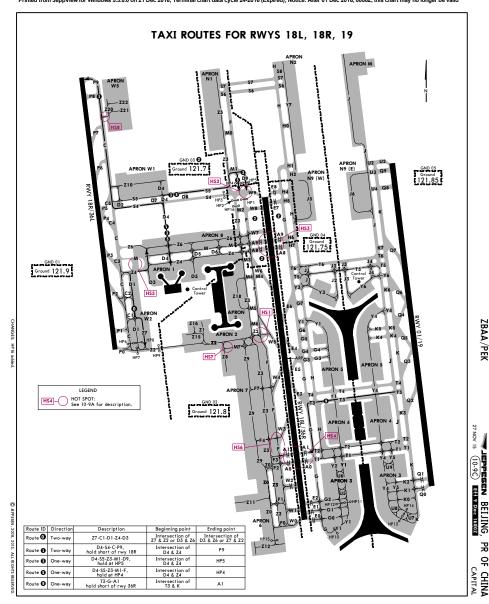
ZBAA/PEK

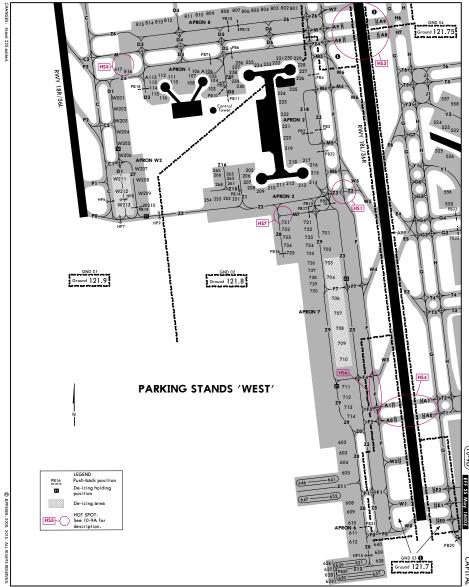
ADDITIONAL RUNWAY INFORMATION 4 NOV 16 (10-9A) Eff 9 NOV 16002

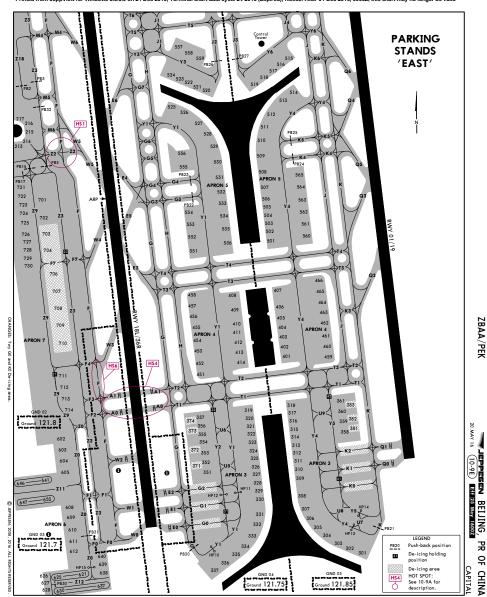
BEIJING,

CAPITAL









# JEPPESEN

# BEIJING, PR OF CHINA

Eff 25 May 1600Z 20 MAY 16 (10-9F)

**CAPITAL INS COORDINATES** STAND No. **COORDINATES** STAND No. **COORDINATES** 103 N40 04.9 E116 35.0 456 thru 458 N40 04.0 E116 36.2 N40 03.9 E116 36.7 N40 04.0 E116 36.7 N40 04.9 104 E116 35.1 459 thru 462 105 thru 108 N40 04.9 E116 35.0 463 thru 465 N40 04.1 E116 36.7 110 N40 04.9 E116 34.9 466 111 thru 114 N40 04.9 E116 34.8 501, 502 N40 04.2 E116 36.5 N40 04.8 E116 34.8 503 thru 506 N40 04.3 E116 36.5 115, 116 N40 04.6 E116 35.2 507, 508 509, 510 N40 04.4 E116 36.5 205, 206 207, 208 209, 210 N40 04.5 E116 36.5 N40 04.6 E116 36.5 N40 04.5 E116 35.2 N40 04.5 E116 35.3 511, 512 N40 04.6 E116 36.6 211, 212 N40 04.5 E116 35.4 513 213, 214 N40 04.5 E116 35.5 514 N40 04.7 E116 36.6 215 thru 217 N40 04.6 E116 35.5 515 N40 04.8 E116 36.6 N40 04.6 E116 35.4 516 218, 219 N40 04.8 E116 36.5 220, 221 N40 04.7 E116 35.4 517, 518 N40 04.7 E116 36.5 222 thru 224 N40 04.8 E116 35.4 N40 04.7 E116 36.4 519 N40 04.9 E116 35.4 225, 226 520 N40 04.7 E116 36.3 N40 04.7 E116 36.3 N40 04.7 E116 36.2 N40 04.7 E116 36.1 N40 04.6 E116 36.1 N40 04.9 E116 35.5 521, 522 227, 228 229 thru 231 N40 05.0 E116 35.4 523, 524 232 thru 234 N40 05.0 E116 35.3 525 N40 04.6 E116 36.1 N40 05.0 E116 35.2 526, 527 N40 04.6 E116 36.2 235, 236 237, 238 239, 240 N40 04.9 E116 35.1 528 N40 04.5 E116 36.2 N40 04.9 E116 35.2 529, 530 N40 04.5 E116 36.3 251 thru 253 N40 04.4 E116 36.3 N40 04.5 E116 35.1 531, 532 254 N40 04.5 E116 35.0 533, 534 N40 04.3 E116 36.3 N40 04.5 E116 35.1 N40 04.2 E116 36.3 261, 262 535, 536 263 thru 265 N40 04.6 E116 35.1 551 thru 553 N40 04.2 E116 36.2 N40 04.5 E116 35.1 266 thru 268 554 N40 04.3 E116 36.2 301 N40 03.2 E116 36.9 555 N40 04.4 E116 36.1 302, 303 N40 03.3 E116 36.8 N40 04.5 E116 36.1 556 304 thru 306 N40 03.3 E116 36.7 N40 04.8 E116 36.1 557 N40 04.8 E116 36.2 558, 559 307, 308 N40 03.4 E116 36.6 309 thru 312 N40 03.5 E116 36.6 560 N40 04.2 E116 36.6 313 thru 316 N40 03.6 E116 36.6 561 thru 563 N40 04.3 E116 36.6 317, 318 N40 03.7 E116 36.6 564, 565 N40 04.4 E116 36.6 319, 320 N40 03.7 E116 36.4 602 N40 03.6 E116 35.6 321 thru 324 N40 03.6 E116 36.4 603 thru 605 N40 03.5 E116 35.7 325 thru 328 N40 03.5 E116 36.4 608, 609 N40 03.4 E116 35.7 N40 03.4 E116 36.4 329 thru 331 610, 611 N40 03.3 E116 35.7 612, 621 thru 623 332 thru 334 N40 03.3 E116 36.4 N40 03.2 E116 35.7 335 thru 337 N40 03.2 E116 36.3 624 thru 627 N40 03.2 E116 35.6 351 thru 353 N40 03.5 E116 36.2 628 thru 631 N40 03.1 E116 35.6 N40 03.6 E116 36.2 N40 03.1 E116 35.7 354 thru 356 632 thru 634 357 N40 03.7 E116 36.2 635 thru 637 N40 03.1 E116 35.8 358, 359 N40 03.6 E116 36.8 638 thru 640 N40 03.2 E116 35.8 641, 642 360, 361 N40 03.7 E116 36.8 N40 03.5 E116 35.6 N40 03.5 E116 35.5 N40 03.4 E116 35.5 401, 402 N40 03.9 E116 36.6 643 N40 03.9 E116 36.5 644, 645 403, 404 N40 04.0 E116 36.5 N40 03.4 E116 35.4 405, 406 646 N40 04.1 E116 36.5 407 647 thru 649 N40 03.4 E116 35.5 650 thru 652 408, 409 N40 04.0 E116 36.3 N40 03.4 E116 35.6 N40 03.9 E116 36.3 701 N40 04.4 E116 35.6 410 411, 412 N40 03.9 E116 36.4 702 N40 04.3 E116 35.6 703, 704 413, 414 N40 03.8 E116 36.4 N40 04.2 E116 35.6 706, 707 451, 452 N40 03.8 E116 36.2 N40 04.1 E116 35.6 N40 03.9 E116 36.2 N40 04.0 E116 35.6 453 thru 455 708, 709

# JEPPESEN BEIJING, PR OF CHINA 20 MAY 16 (10-9G) Eff 25 May 16007 CAPITAI

20 MAY 16 (10-9G) 1-11-25 May 16002 CAPITAI			
INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
710 711 712, 713 714 721, 722	N40 03.9 E116 35.7 N40 03.8 E116 35.7 N40 03.7 E116 35.7 N40 03.7 E116 35.6 N40 04.4 E116 35.5	W203 thru W205 W206 thru W208 W209	N40 04.8 E116 34.7 N40 04.7 E116 34.7 N40 04.6 E116 34.7 N40 04.5 E116 34.7 N40 04.5 E116 34.8
723 thru 725 726 thru 729 730 731, 732 733 thru 735	N40 04.3 E116 35.5 N40 04.2 E116 35.5 N40 04.1 E116 35.5 N40 04.4 E116 35.4 N40 04.3 E116 35.4	W502, W503 W504 W505 thru W507	N40 05.9 E116 34.6 N40 05.9 E116 34.5 N40 05.9 E116 34.4 N40 05.9 E116 34.5 N40 06.0 E116 34.5
801, 802 803 thru 805 806, 807 808 809, 810	N40 05.1 E116 35.4 N40 05.1 E116 35.3 N40 05.1 E116 35.2 N40 05.1 E116 35.1 N40 05.1 E116 35.0		N40 06.0 E116 34.4
811 812, 813 814, 815 816 817	N40 05.1 E116 34.9 N40 05.1 E116 34.8 N40 05.1 E116 34.7 N40 04.9 E116 34.7 N40 04.9 E116 34.6		
951 thru 952L/R 953, 953L/R 954 955 956	N40 05.3 E116 36.0 N40 05.4 E116 36.0 N40 05.5 E116 35.9 N40 05.3 E116 36.5 N40 05.4 E116 36.5		
957, 958 M01 thru M03 M04 M05 M06 thru M08	N40 05.5 E116 36.5 N40 05.8 E116 36.5 N40 05.9 E116 36.5 N40 05.9 E116 36.4 N40 06.0 E116 36.4		
M09 thru M10L/R M11 N101, N102 N103 thru N104L/R N105, N105L/R	N40 06.1 E116 36.4 N40 06.2 E116 36.4 N40 05.7 E116 35.3 N40 05.8 E116 35.3 N40 05.9 E116 35.3		
N106, N106L/R N107, N108 N109, N110 N201 thru N203 N204 thru N205L/R	N40 05.9 E116 35.2 N40 06.0 E116 35.2 N40 06.1 E116 35.2 N40 05.7 E116 36.0 N40 05.8 E116 36.0		
N206, N206L/R N207 thru N208 N209 thru N211 N212, N213 N214 thru N216	N40 05.9 E116 36.0 N40 06.0 E116 35.9 N40 06.1 E116 35.9 N40 06.2 E116 35.9 N40 06.2 E116 35.8		
N217, N218 W101 W103 W104, W105 W106	N40 06.1 E116 35.8 N40 05.4 E116 34.9 N40 05.4 E116 34.8 N40 05.4 E116 34.7 N40 05.4 E116 34.6		
W107 W108, W108A W109 thru W111 W112, W113 W201	N40 05.4 E116 34.5 N40 05.5 E116 34.5 N40 05.5 E116 34.6 N40 05.5 E116 34.7 N40 04.8 E116 34.6		

# VISUAL DOCKING GUIDANCE SYSTEM (VDGS) APRON 3 THRU 5



# START-OF-DOCKING

When the system is started, "WAIT" will be displayed.



# CAPTURE

The floating arrows indicate that the system is activated and in capture mode, searching for an approaching aircraft. IT SHALL BE CHECKED THAT THE CORRECT AIRCRAFT TYPE IS DISPLAYED. THE LEAD-IN LINE SHALL BE FOLLOWED.



# TRACKING

When the aircraft has been caught by the laser, the floating arrow is replaced by the yellow centerline indicator. A flashing red arrow indicates the direction to turn. The vertical yellow arrow shows position in relation to the centerline. This indicator gives correct position and azimuth quidance.



#### CLOSING RATE

Display of digital countdown will start when the aircraft is 98'/30m from stop position.

When the aircraft is less than 39'/12m from the stop position, the

When the aircraft is less than 39'/12m from the stop position, the closing rate is indicated by turning off one row of the centerline symbol per 2'/0.5m, covered by the aircraft. Thus, when the last row is turned off, 2'/0.5m remains to stop.



# ALIGNED TO CENTER

The aircraft is  $26^\prime/8m$  from the stop position. The absence of any direction arrow indicates an aircraft on the centerline.



# SLOW DOWN

If the aircraft is approaching faster than the accepted speed, the system will show  $'' {\sf SLOW\ DOWN''}$  as a warning to the pilot.



# **AZIMUTH GUIDANCE**

The aircraft is  $13^\prime/4m$  from the stop-position. The yellow arrow indicates an aircraft to the right of the centerline, and the red flashing arrow indicates the direction to turn.



# STOP POSITION REACHED

When the correct stop-position is reached, the display will show "STOP" and red lights will be lit.

BEIJING, PR OF CHINA

CAPITAL

# VISUAL DOCKING GUIDANCE SYSTEM (VDGS) APRON 3 THRU 5



# DOCKING COMPLETED

When the aircraft has parked, "OK" will be displayed.

#### OVERSHOOT

If the aircraft has overshot the stop-position, "TOO FAR" will be displayed.

#### WAIT

If some object is blocking the view toward the approaching aircraft or the detected aircraft is lost during docking close to STOP, the display will show "WAIT". The docking will continue as soon as the blocking object has disappeared or the system detects the aircraft again. THE PILOT MUST NOT PROCEED BEYOND THE BRIDGE, UNLESS THE "WAIT" MESSAGE HAS BEEN SUPERSEDED BY THE CLOSING RATE BAR.

#### SLOW

The display will show "SLOW" when the DGS lose the aircraft very near the STOP position or visibility for DGS is reduced.

THE PILOT MUST NOT PROCEED BEYOND THE BRIDGE, UNLESS THE CLOSING-RATE BAR IS SHOWN.

# AIRCRAFT VERIFICATION FAILURE

During entry into the stand, the aircraft geometry is being checked. If, for any reason, aircraft verification is not made 39'/12m before the stop-position, the display will first show "WAIT" and make a second verification check. If this fails "STOP" and "ID FAIL" will be displayed. The text will be alternating on the upper two rows of the display.

THE PILOT MUST NOT PROCEED BEYOND THE BRIDGE WITHOUT MANUAL GUIDANCE, UNLESS THE WAIT MESSAGE HAS BEEN SUPERSEDED BY THE CLOSING RATE BAR

# **GATE BLOCKED**

If an object is found blocking the view from the DGS to the planned stop position for the aircraft, the docking procedure will be halted with a "WAIT" and "GATE BLOCK" message. The docking procedure will resume as soon as the blocking object has been removed.

THE PILOT MUST NOT PROCEED BEYOND THE BRIDGE WITHOUT MANUAL GUIDANCE, UNLESS THE

 $^{\prime\prime} \text{WAIT}^{\prime\prime}$  Message has been superseded by the closing rate bar.

## **VIEW BLOCKED**

If the view towards the approaching aircraft is hindered, for instance by dirt on the window, the DGS will report a view blocked condition. Once the system is able to see the aircraft through the dirt, the message will be replaced with a closing rate display.

THE PILOT MUST NOT PROCEED BEYOND THE BRIDGE WITHOUT MANUAL GUIDANCE, UNLESS THE "WAIT" MESSAGE HAS BEEN SUPERSEDED BY THE CLOSING RATE BAR.

## SBU-STOP

Any unrecoverable error during the docking procedure will generate an "SBU (safety back-up)" condition. The display will show red stop bar and the text "STOP", "SBU". A MANUAL BACKUP PROCEDURE MUST BE USED FOR DOCKING GUIDANCE.

# **TOO FAST**

If the aircraft approaches with a speed higher than the docking system can handle, the message "STOP (with red squares)" and "TOO FAST" will be displayed.

THE DOCKING SYSTEM MUST BE RE-STARTED OR THE DOCKING PROCEDURE COMPLETED BY

THE DOCKING SYSTEM MUST BE RE-STARTED OR THE DOCKING PROCEDURE COMPLETED BY MANUAL GUIDANCE.

## **EMERGENCY STOP**

When the Emergency "Stop" button is pressed, "STOP" is displayed.

## CHOCKS ON

"CHOCK ON" will be displayed, when the ground staff has put the chocks in front of the nose wheel and pressed the "Chocks On" button on the operator panel.

## **ERROR**

If a system error occurs, the message "ERROR" is displayed with an error code. The code is used for maintenance purposes.

# SYSTEM BREAKDOWN

In case of a severe system failure, the display will go black, except for a red stop indicator. A manual backup procedure must be used for docking guidance.

## **POWER FAILURE**

In case of a power failure, the display will be completely black. A manual backup procedure must be used for docking guidance.

(10-9K)

**ZBAA/PEK** 



Eff 25 May 1600Z

BEIJING, PR OF CHINA **CAPITAL** 

# VISUAL DOCKING GUIDANCE SYSTEM (VDGS) STAND 513



# START-OF-DOCKING

When the system is started, "WAIT" will be displayed.

20 MAY 16



The floating arrows indicate that the system is activated and in capture mode, searching for an approaching aircraft.

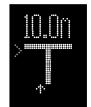


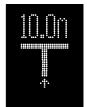
# TRACKING

When the aircraft has been caught by the laser, the floating arrow is replaced by the yellow centerline indicator. A flashing red arrow indicates the direction to turn. The vertical yellow arrow shows position in relation to the centerline.

# CLOSING RATE

Display of digital countdown will start when the aircraft is 98'/30m from stop position. When the aircraft is less than 49'/15m from the stop position, the closing rate is indicated by turning off one row of the centerline symbol per 2'/ 0.5m, covered by the aircraft. Thus, when the last row is turned off, 2'/0.5m remains to stop.





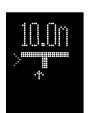
# ALIGNED TO CENTER

The aircraft is 33'/10m from the stop position. The absence of any direction arrow indicates an aircraft on the centerline.

# SLOW DOWN

If the aircraft is approaching faster than the accepted speed, the system will show "SLOW DOWN" or "SLOW" as a warning to the pilot.





# AZIMUTH GUIDANCE

The aircraft is 33'/10m from the stop-position. The yellow arrow indicates an aircraft to the left of the centerline, and the red flashing arrow indicates the direction to turn.

# STOP POSITION REACHED

When the correct stopposition is reached, the display will show "STOP" and red lights will be lit.





# DOCKING COMPLETED

When the aircraft has parked, "OK" will be displayed.

# **OVERSHOOT**

If the aircraft has overshot the stop-position, "TOO FAR" will be displayed.



10-9L

ZBAA/PEK

# JEPPESEN

# BEIJING, PR OF CHINA CAPITAL

# Eff 25 May 1600Z

# VISUAL DOCKING GUIDANCE SYSTEM (VDGS) STAND 513



# AIRCRAFT VERIFICATION FAILURE

20 MAY 16

During entry into the stand, the aircraft geometry is being checked. If, for any reason, aircraft verification is not made 39'/12m before the stop-position, the display will first show "WAIT" and make a second verification check. If this fails, "STOP" and "ID FAIL" will be displayed. The pilot must not proceed beyond the bridge without manual quidance.



has been superseded by the

closing rate bar.

**GATE BLOCKED** 





# VIEW BLOCKED

If the view towards the aircraft is hindered, for instance by dirt on the window, the DGS will report a View blocked condition. Once the system is able to see the aircraft through the dirt, the message will be replaced with a closing rate display.

# ABNORMAL DOCKING PROCEED

If the system displays the following information, the aircraft must not proceed without manual guidance.



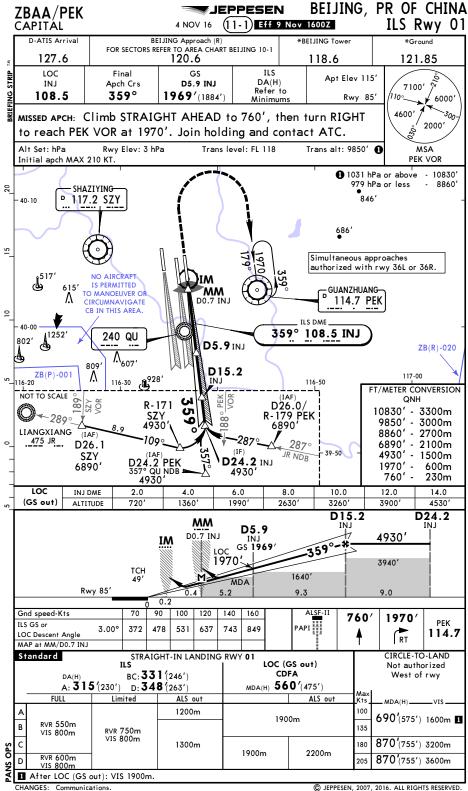




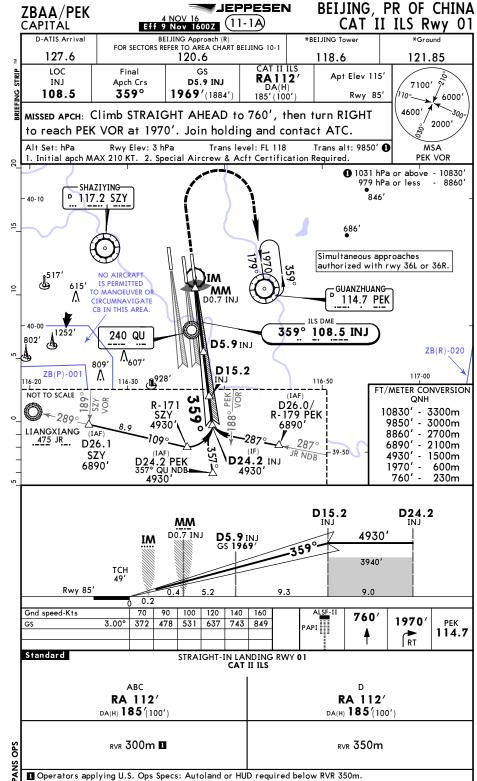


# SPEED LIMIT

The speed limit for the Visual Docking Guidance System is 2m/s. Aircraft can't approach faster.



Communications



Printed from JeppView for Windows 5.3.0.0 on 21 Dec 2016; Terminal chart data cycle 24-2016 (Expired); Notice: After 01 Dec 2016, 0000Z, this chart may no longer be valid BEIJING, PR OF CHINA **JEPPESEN** ZBAA/PEK (11-2) Eff 9 Nov 1600Z ILS DME Rwy 18L 4 NOV 16 CAPITÁL D-ATIS Arrival BEIJING Approach (R) BEIJING Tower FOR SECTORS REFER TO AREA CHART BEIJING 10-1 120.6 Refer to 127.6 118.5 chart 10-9 LOC Final GS ILS Apt Elev 115 IOR LOM Apch Crs DA(H) 71001 **787′**(679') 109.3 179° 308'(200') Rwy 108 100 6000' MISSED APCH: Climb STRAIGHT AHEAD to QU NDB, then turn LEFT 4600 to reach PEK VOR at 3940'. Join holding and contact ATC. 2000' Rwy Elev: 4 hPa Alt Set: hPa Trans level: FL 118 Trans alt: 9850' 1 Initial apch MAX 210 KT. MSA PEK VOR 3409 \_2283 3297' ■ 1031 hPa or above - 10830 D16.5/ (IAF) 979 hPa or less - 8860' R-020 SZY D20.8 PEK , 4930 3301 8 D22.0/ @ 359° 1.2 1706 R-280 HUR 2667' Simultaneous approaches 6890 16.5 DME Arc SZY authorized with rwy 269° 18R or 19. 3094 2.1 **D19.1** PEK 4930' (IAF) D1.2 2382' HÙAIROU 1009 15 - 40-20 HUR □ 113.6 HUR 2818 01 D16.5 SZY/ 2270 R-280 HUR 2162' 19591 2579′● 116-20 ±2440 1808 179° 109.3 IOR FT/METER CONVERSION •1614<sup>'</sup> QNH 10830' - 3300m 9850' - 3000m D10.2 INJ **GUANZHUANG** 8860' - 2700m 196 OR □ 114.7 PEK 6890' - 2100m 846 40-10 D3.9 INJ 4930' - 1500m SHAZIYING 3940' - 1200m D 117.2 SZY 2830' -860m MM D2.4 INJ 790' -240m RECOMMENDED ALTITUDES 108.5 INJ PEK LOC (GS out) 0 VOR INJ DME ALTITUDE 15.0 4370 13.0 3730' 11.0 30901 9.0 2450' 1810' 7.0 240 QU 1170' MISSED 5.0 116-40 116-50 116-30 510' APCH 3.0 LOM D16.5 SZY D19.1 D10.2 D3.9 INJ D20.8 PEK PEK MM INI 4930'd GS 2822' D2.4 INJ \*-179° 787 100 C 3450 790 2470 TCH 53' M MDA 1.8 Rwy 108' 6.5 6.4 1.5 Gnd speed-Kts 70 90 100 120 140 160 HIALS QU 3940' PEK ILS GS or 240 PAPI-3.00° 372 478 531 637 743 849 114.7 LOC Descent Angle LT MAP at MM/D2.4 INJ Standard STRAIGHT-IN LANDING RWY 18L CIRCLE-TO-LAND LOC (GS out) ILS DA(H) 308'(200') MDA(H) 510'(402') Max Kts. FULL Limited ALS out ALS out MDA(H) VIS. 100 1500m **690** (575') 1600m В 135

1500m

870 (755)

870 (755)

3200m

3600m

180

1900m

RVR 750m

VIS 800m

1200m

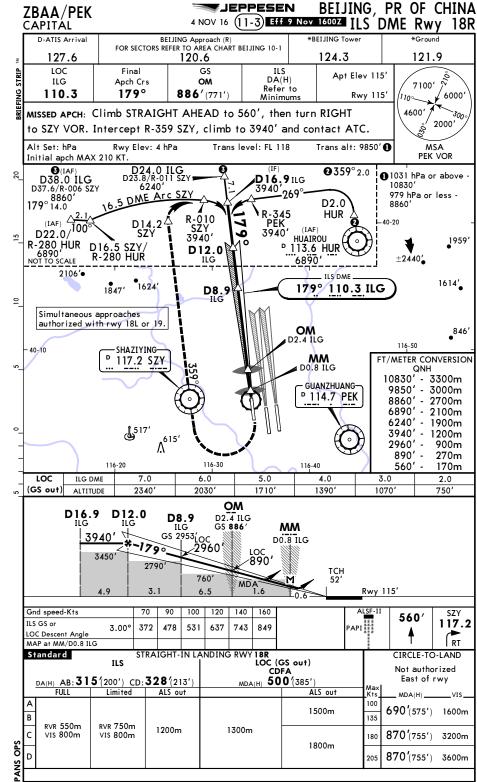
**RVR** 550m

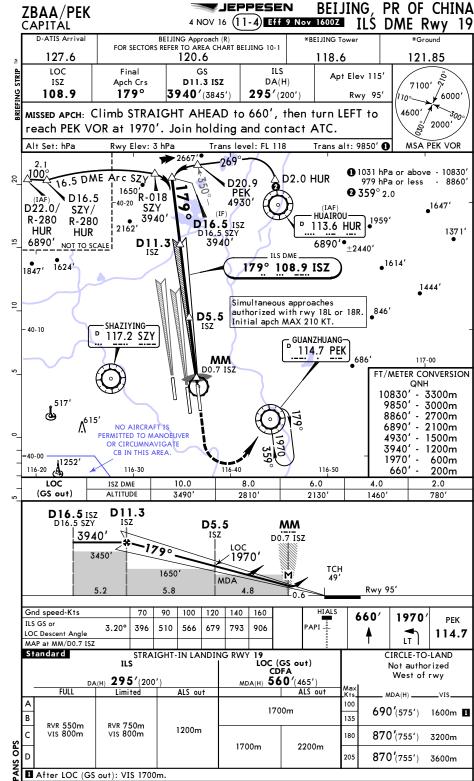
**VIS 800m** 

C

D

PANS OPS

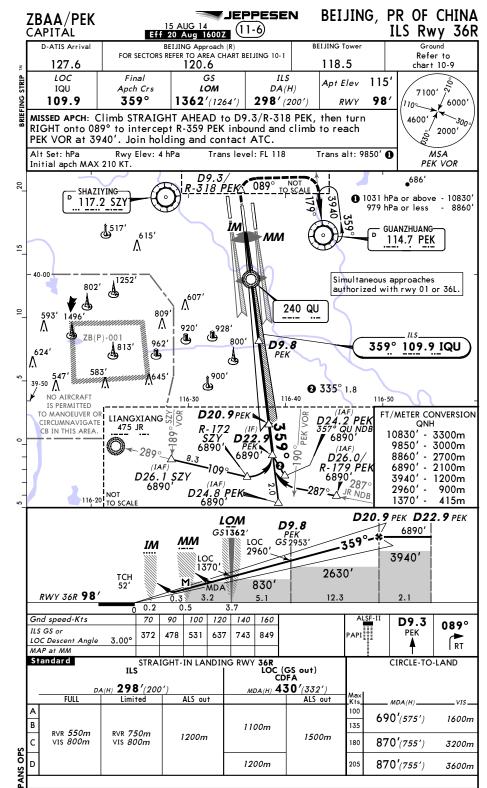


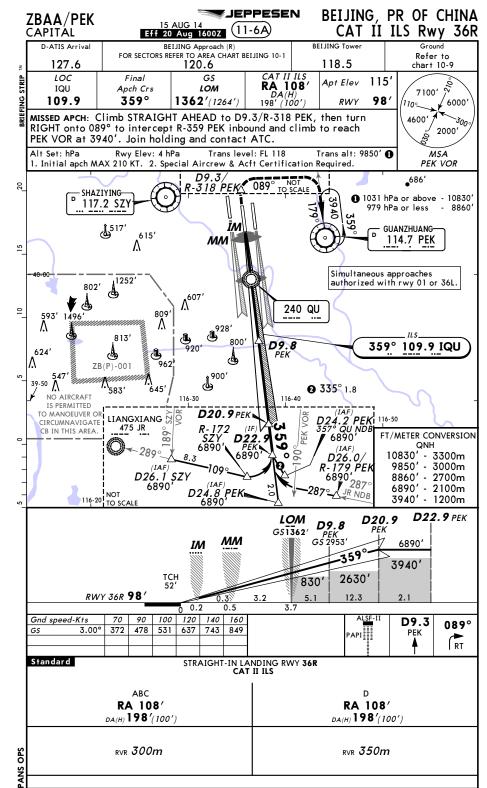


CHANGES: Communications.

JEPPESEN

BEIJING, PR OF CHINA ZBAA/PEK (11-5) Eff 9 Nov 1600Z ILS DME Rwy 36L 4 NOV 16 CAPITÁL D-ATIS Arrival BEIJING Approach (R) \*BEIJING Tower FOR SECTORS 127.6 120.6 124.3 121.9 REFER TO AREA CHART BEIJING 10-1 ILS DA(H) LOC Final GS Apt Elev 115 LOM IDK Apch Crs 71001 Refer to 359° 111.7 869'(761') Minimums Rwy 108 6000 MISSED APCH: Climb STRAIGHT AHEAD to 530', then turn LEFT onto 320° to intercept R-359 SZY and climb to 6890' or D12.0 SZY, whichever is earlier, then turn LEFT to reach SZY VOR at 6890', then to PEK VOR. Join holding and contact ATC. 4600' 300 2000 Alt Set: hPa Rwy Elev: 4 hPa Initial apch MAX 210 KT. MSA Trans level: FL 118 Trans alt: 9850' 1 PEK VOR 1031 hPa or above - 10830 2 D12.0 .2. SZY پي 979 hPa or less ·846 40-10 359 Simultaneous approaches authorized with rwy 01 or 36R SZY 686 VOR 15 MISSED APCH 359° SHAZIYING **GUANZHUANG** 117.2 SZY 114.7 PEK 9 615 DK 354 40-00 1252 802' Λ<sup>607</sup> 359° 111.7 IDK 809 593' 1496 Λ 920' 928' ZB(P)-001 116-50 D12.0 SZY 116-30 ال 813 FT/METER CONVERSION 116-40 ຝ 624 QNH D20 VOR (IAF) 10830' - 3300m Λ LIANGXIANG 475 JR Ē D26.0/ 9850' - 3000m R-179 PEK 6890' 547 0 8860' - 2700m Λ 3,9-50 **←**289° 6890' - 2100m NO AIRCRAFT 5910' - 1800m IS PERMITTED 109° 287 TO MANOEUVER OR D26.1 SZY 6890' 2920' -890m R-174 JR NDB CIRCUMNAVIGATE **D26.7** szy 870' -265m **CB IN THIS AREA** SZY D22.8 PEK 5910 NOT 116-20 59101 530' -160m TO SCALE LOM D20.9 **D26.7** SZY D12.0 D22.8 PEK SZY GS 869 SZY MM LOC GS 2920 5910′ 359°-# 2920 LOC 3940' 870 TCH 48' 2630' 830 M MDA Rwy 108 9.4 5.9 1.6 6.4 0.6 70 Gnd speed-Kts 90 HIALS 100 120 140 160 320° 530' IIS GS or 3.00° 372 478 531 743 849 637 LOC Descent Angle LT MAP at MM STRAIGHT-IN LANDING RWY36L LOC (GS out) Standard CIRCLE-TO-LAND ILS Not authorized CDFA East of rwy DA(H) AB: 308 (200') CD: 321 (213') 450 (342) Limited ALS out ALS out 100 1500m **690** (575') 1600m В 135 1100m RVR 750m RVR 550m 1200m C VIS 800m VIS 800m **870** (755') 3200m 180 O<sub>P</sub>S 1600m D 870 (7551) 1200m 3600m PANS (





# Revision Letter For Cycle 24-2016 Printed on 21 Dec 2016 Page 1

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Chart changes since cycle 23-2016

REV DATE EFF DATE

BEIJING, (BEIJING CAPITAL - ZBAA)

# **Terminal Chart Change Notices**

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# TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ZBAA

# Chart Change Notices for Country CHN

Type: Gen Tmnl

Effectivity: Permanent Begin Date: 20150429 End Date: No end date

At the following airports disregard the note "QNH on req" as QFE is avbl only: ZGNN, ZSQZ, ZSWX, ZYJM, ZYMD, ZYQQ and ZYYJ.