

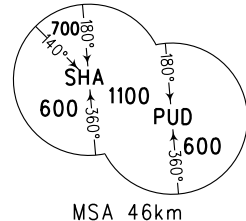
ZSSS SHANGHAI/Hongqiao
RNAV RWY18L/18R
(IBEG1/SURAK/LAMEN/MIGOL/PONAB/AND)

RNAV1 GNSS or DME/DME/IRU RADAR REQUIRED

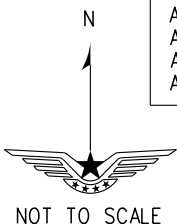
Noise abatement procedures

1. In condition of complying with the requirements of flight safely, the following noise abatement procedures shall be implemented:
 - a. The derated take-off is strongly recommended if the take-off performance of aircraft permit;
 - b. At ALT 450, adjust engine power/thrust to climb power/thrust and maintain it, maintain climbing speed at V_2+10kt with flaps and slats in the take-off configuration;
 - c. At ALT 910, maintain a positive rate of climb, accelerate to normal en-route climb speed and retract flaps/slats on schedule.
2. If the procedures can not be implemented due to any reason except ATC, pilot shall inform ATC with a reasonable explanation before take-off (except for special flights such as calibration flights).

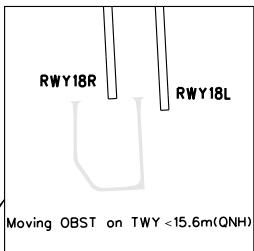
SID	ROUTING
IBE-61D	SS301-SS211-PD024-PD304-LASAN-PINOT-ALDAP-IBEGI
SUR-61D	SS301-SS211-PD024-PD304-LASAN-BONGI-BOLEX-TONIX-AKARA-SURAK
LAM-61D	SS301-SS211-PD024-PD304-LASAN-BONGI-BOLEX-TONIX-LAMEN
MIG-61D	SS301-SS211-PD024-PD304-LASAN-BONGI-BOLEX-MIGOL
PON-61D	SS301-SS211-PD024-PD304-PONAB
AND-61D	SS301-SS211-SS213-AND



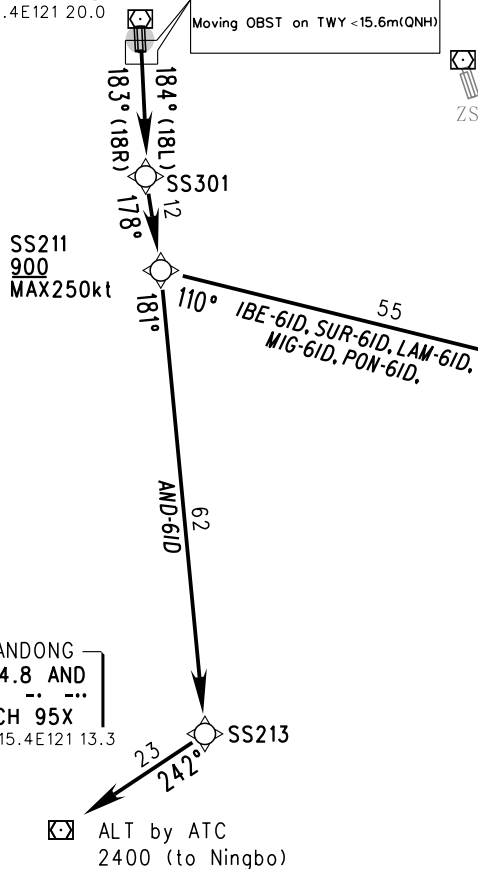
Note: Departure turning before DER is forbidden.



HONGQIAO
117.20 SHA
... -
CH 119X
N31 13.4E121 20.0



PUDONG
 116.9 PUD
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 CH 116X
 N31 10.3E121 47.0



ANDONG
114.8 AND
CH 95X
N30 15.4E121 13.3

Changes: APP.