STANDARD DEPARTURE CHART-INSTRUMENT

VAR5.8° W

D-ATIS 127.85	
TWR01 118.8(118.325)	17L/35R, 17R/35L
TWR02 118.4(118.725)	16L/34R, 16R/34L
TWR03 124.35(118.325)	17L/35R
TWR04 118.575(118.725)	16R/34L

APP01	120.3(119.75)
APP02	125.4(124.05)
APP03	125.85(119.2)
APP04	123.8(119.2)
APP05	126.65(128.05)
APP06	126.3(120.65)

APP07	121.1(119.75)
APP08	127.75(124.05)
APP09	121.375(128.05)
APP10	125.625(120.65)
APP11	119.075(128.05)

ZSPD SHANGHAI/Pudong

RNAV RWY16L/16R/17L/17R (LAMEN, MIGOL, SURAK)

BEARINGS ARE MAGNETIC
ALTITUDES, ELEVATIONS AND HEIGHTS IN METERS
DME DISTANCES IN NAUTICAL MILES
DISTANCES IN KM

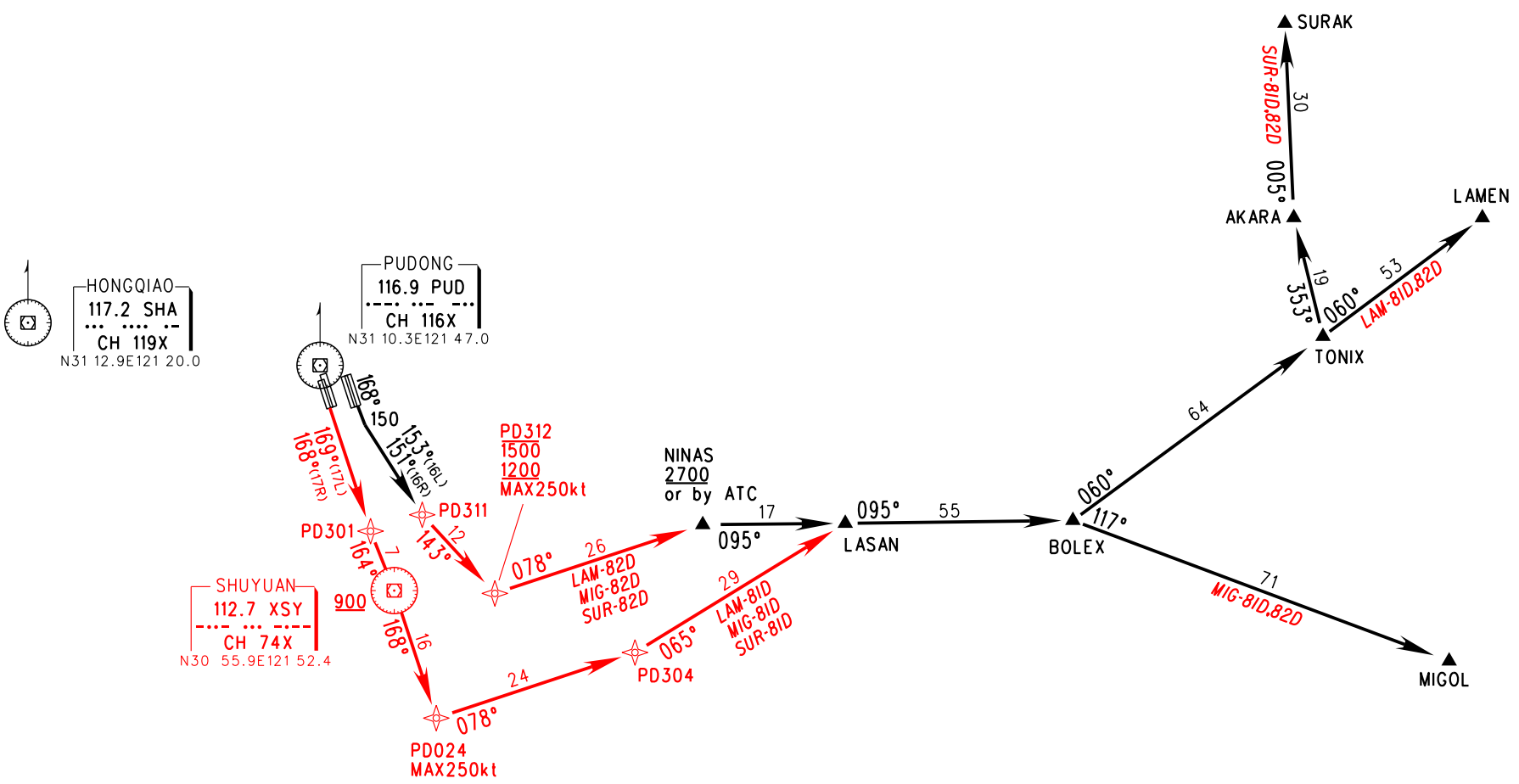
1. RADAR REQUIRED
2. RNAV 1
3. GNSS,DME/DME/IRU REQUIRED

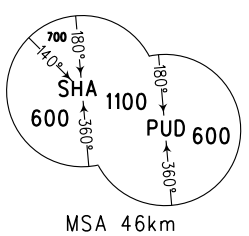
TL 3600
TA 3000
3300(QNH ≥1031hPa)
2700(QNH ≤979hPa)

N

NOT TO SCALE

Note:
1. Departure turn before DER is forbidden.
2.When altitude of NINAS required 2700:
LAM-82D, SUR-82D, MIG-82D departure average climb gradient ≥5.2%.





MSA 46km

Changes: Procedure.

SID	ROUTING
SUR-81D	PD301-XSY-PD024-PD304-LASAN-BOLEX-TONIX-AKARA-SURAK
LAM-81D	PD301-XSY-PD024-PD304-LASAN-BOLEX-TONIX-LAMEN
MIG-81D	PD301-XSY-PD024-PD304-LASAN-BOLEX-MIGOL
SUR-82D	150-PD311-PD312-NINAS-LASAN-BOLEX-TONIX-AKARA-SURAK
LAM-82D	150-PD311-PD312-NINAS-LASAN-BOLEX-TONIX-LAMEN
MIG-82D	150-PD311-PD312-NINAS-LASAN-BOLEX-MIGOL