

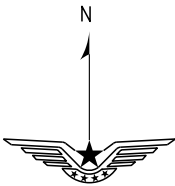
D-ATIS 127.85	APP01 120.3(119.75)	APP07 121.1(119.75)
TWR01 118.8(118.325) 17L/35R, 17R/35L	APP02 125.4(124.05)	APP08 127.75(124.05)
TWR02 118.4(118.725) 16L/34R, 16R/34L	APP03 125.85(119.2)	APP09 121.375(128.05)
TWR03 124.35(118.325) 17L/35R	APP04 123.8(119.2)	APP10 125.625(120.65)
TWR04 118.575(118.725) 16R/34L	APP05 126.65(128.05)	APP11 119.075(128.05)
	APP06 126.3(120.65)	

ZSPD SHANGHAI/Pudong
RNAV Rwy16L/16R/17L/17R
(ODULO)

STANDARD DEPARTURE
CHART-INSTRUMENT

VAR5.8° W

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



NOT TO SCALE

- Note:
- 1. Departure turn before DER is forbidden.
 - 2. When altitude of PD314 required 2700:
ODU-82D, 84D departure average climb gradient ≥5.6%.

HONGQIAO

117.2 SHA

CH 119X

N31 12.9E121 20.0

PUDONG

116.9 PUD

CH 116X

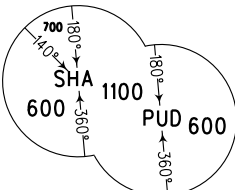
N31 10.3E121 47.0

SHUYUAN

112.7 XSY

CH 74X

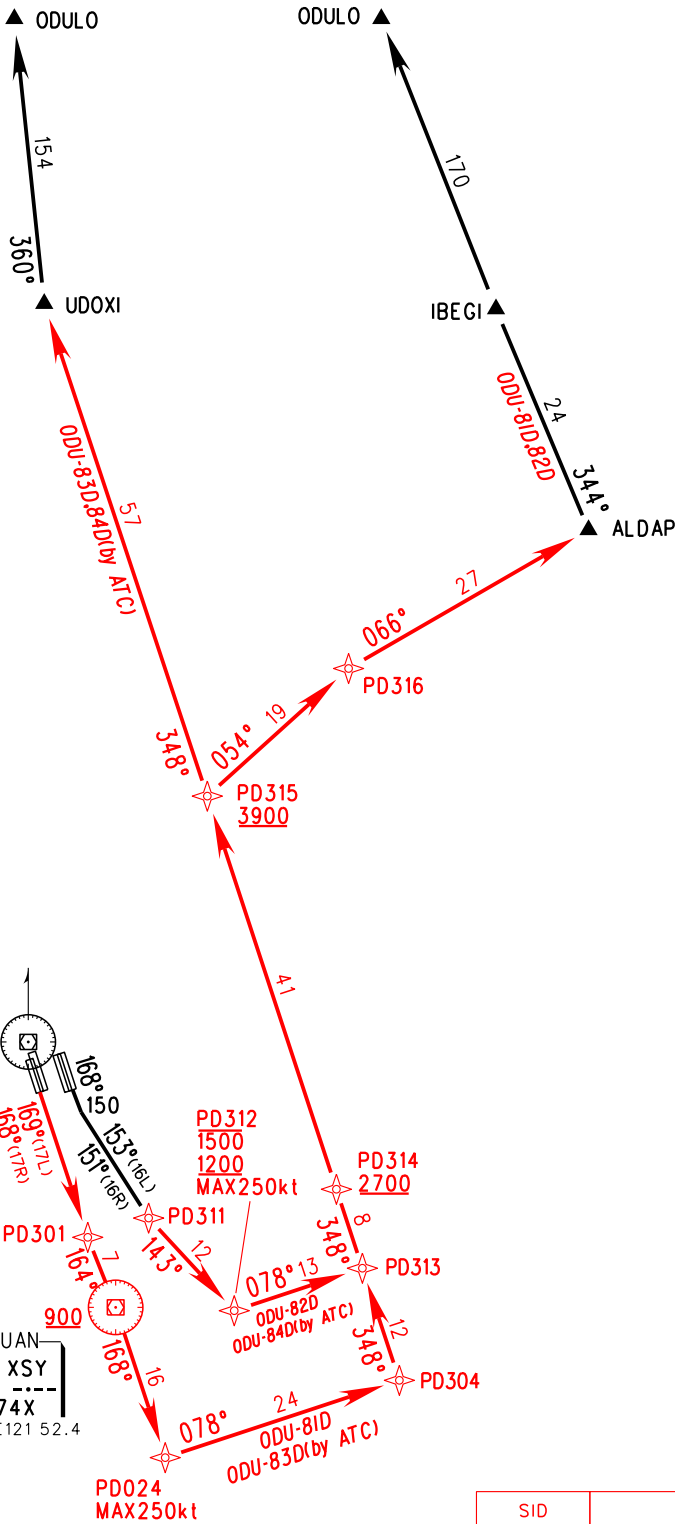
N30 55.9E121 52.4



MSA 46km

Changes: Procedure.

1. RADAR REQUIRED	TL 3600
2. RNAV 1	TA 3000
3. GNSS,DME/DME/IRU REQUIRED	3300(QNH ≥1031hPa)
	2700(QNH ≤979hPa)



SID	ROUTING
ODU-81D	PD301-XSY-PD024-PD304-PD313-PD314-PD315-PD316-ALDAP-IBEGI-ODULO
ODU-83D	PD301-XSY-PD024-PD304-PD313-PD314-PD315-UDOXI-ODULO
ODU-82D	150-PD311-PD312-PD313-PD314-PD315-PD316-ALDAP-IBEGI-ODULO
ODU-84D	150-PD311-PD312-PD313-PD314-PD315-UDOXI-ODULO