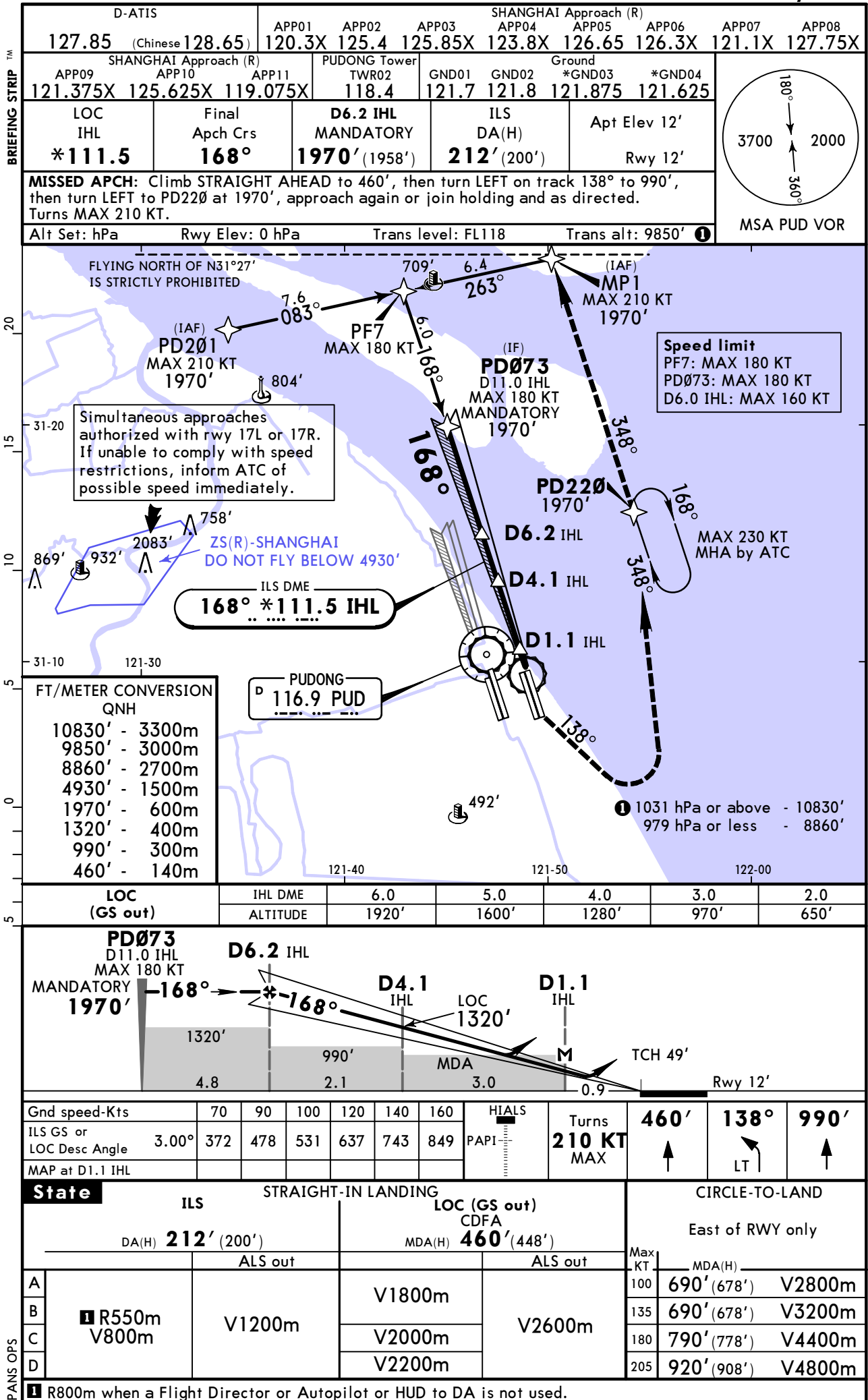


ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-1)

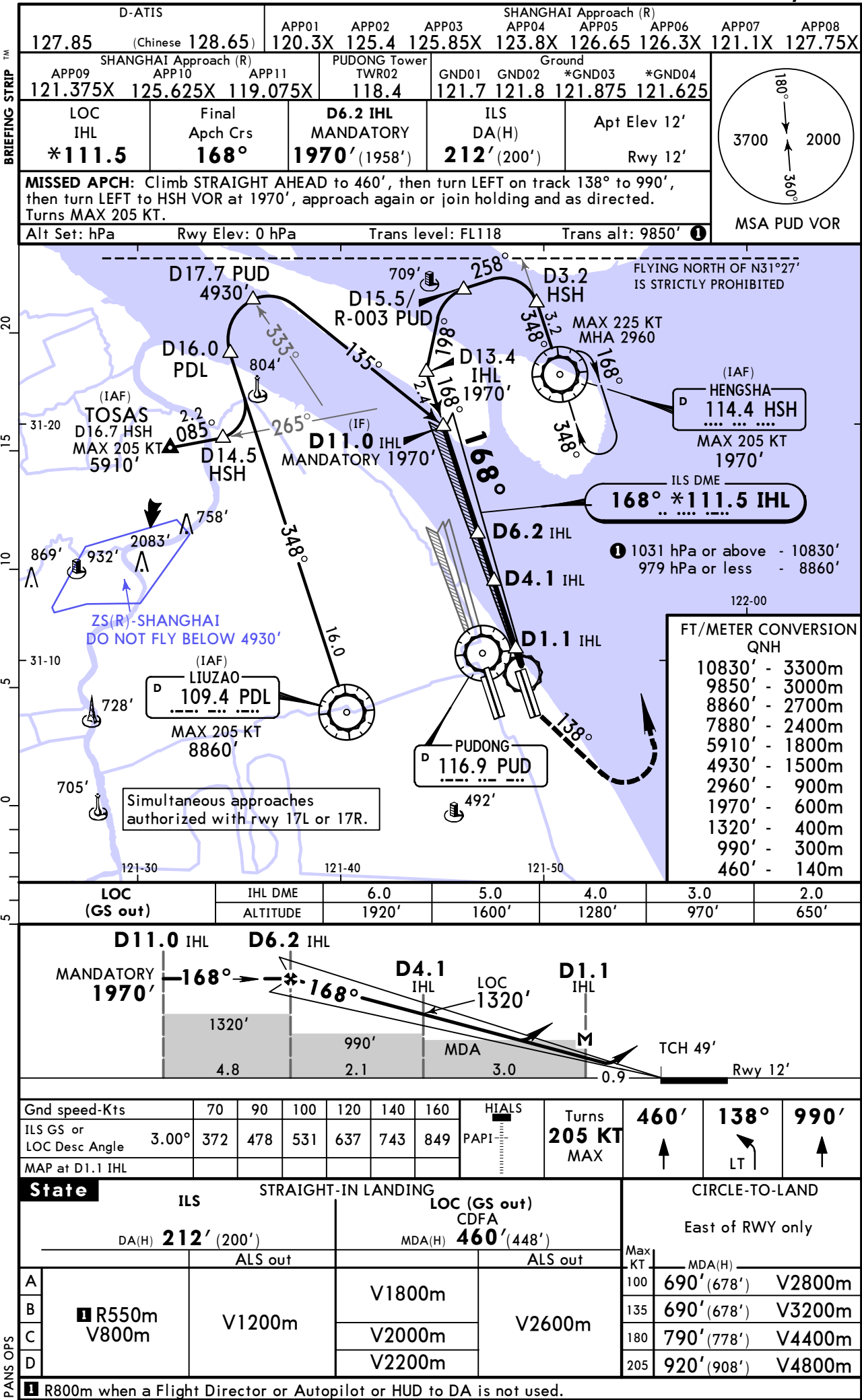
SHANGHAI, PR OF CHINA
RNAV ILS DME Z Rwy 16L



ZSPD/PVG
PUDONG

11 OCT 24 (21-2)

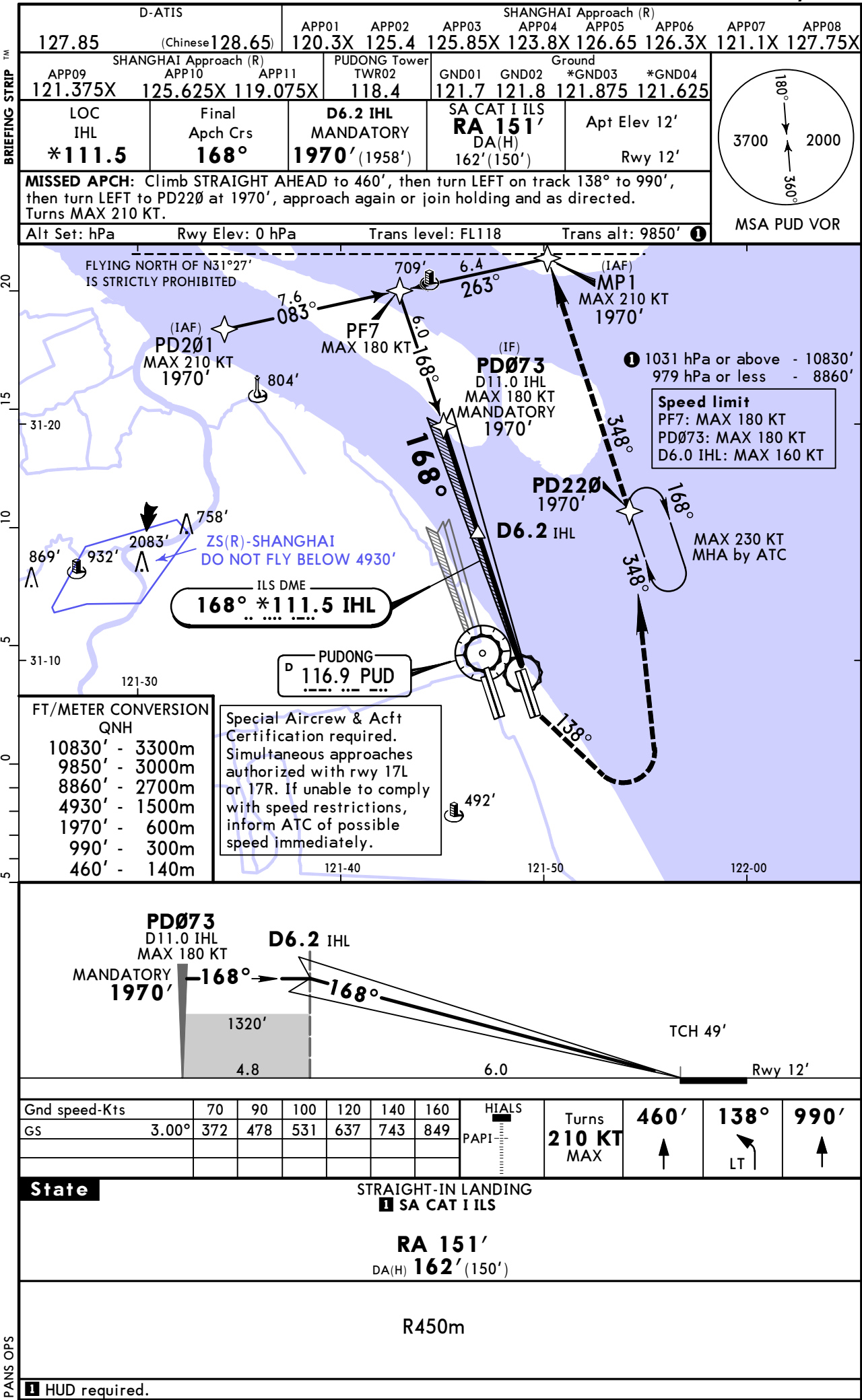
SHANGHAI, PR OF CHINA
ILS DME Y Rwy 16L



ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-2A)

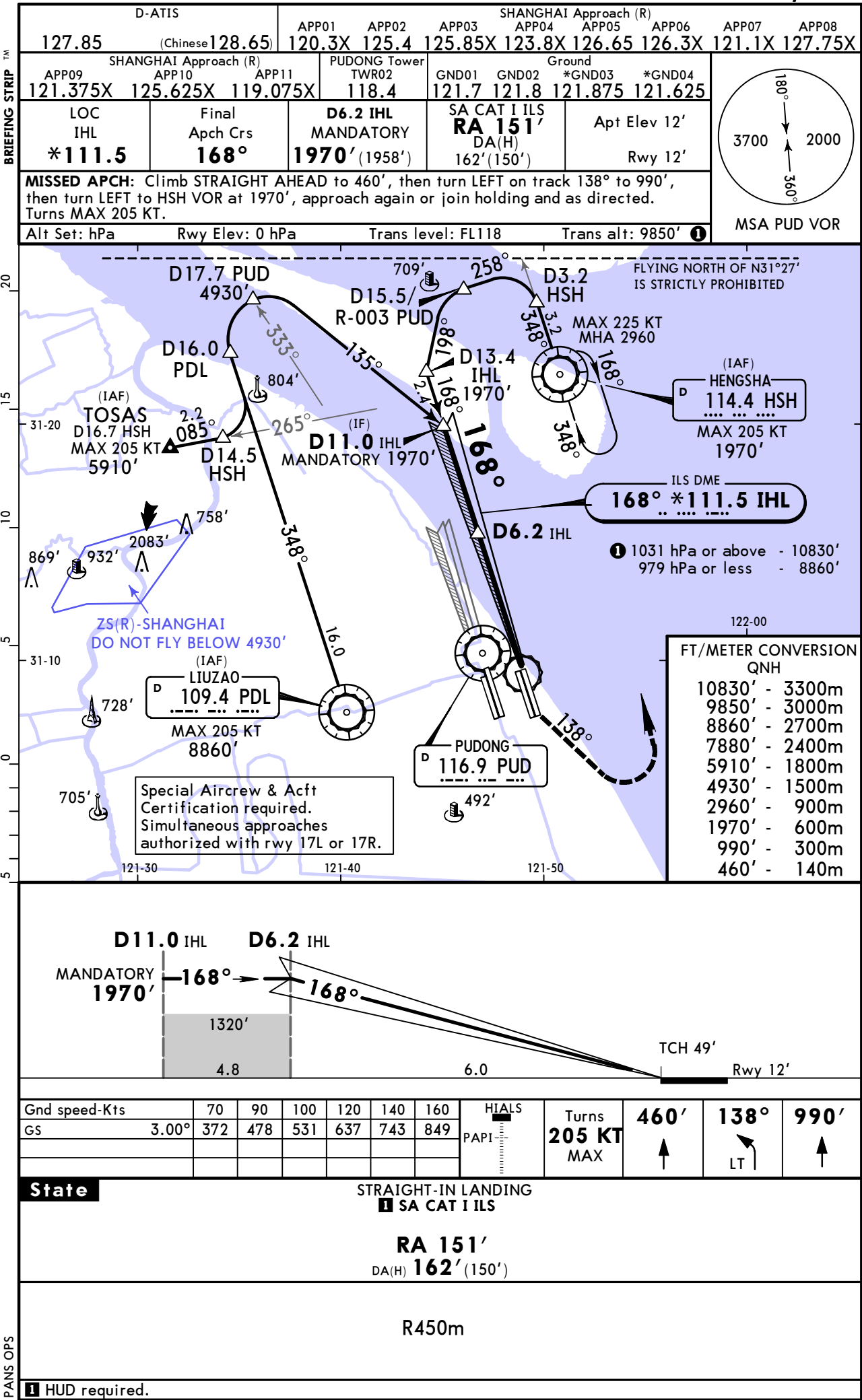
SHANGHAI, PR OF CHINA
SA CAT I RNAV ILS DME Z Rwy 16L



ZSPD/PVG
PUDONG

JEPPesen
11 OCT 24 (21-2B)

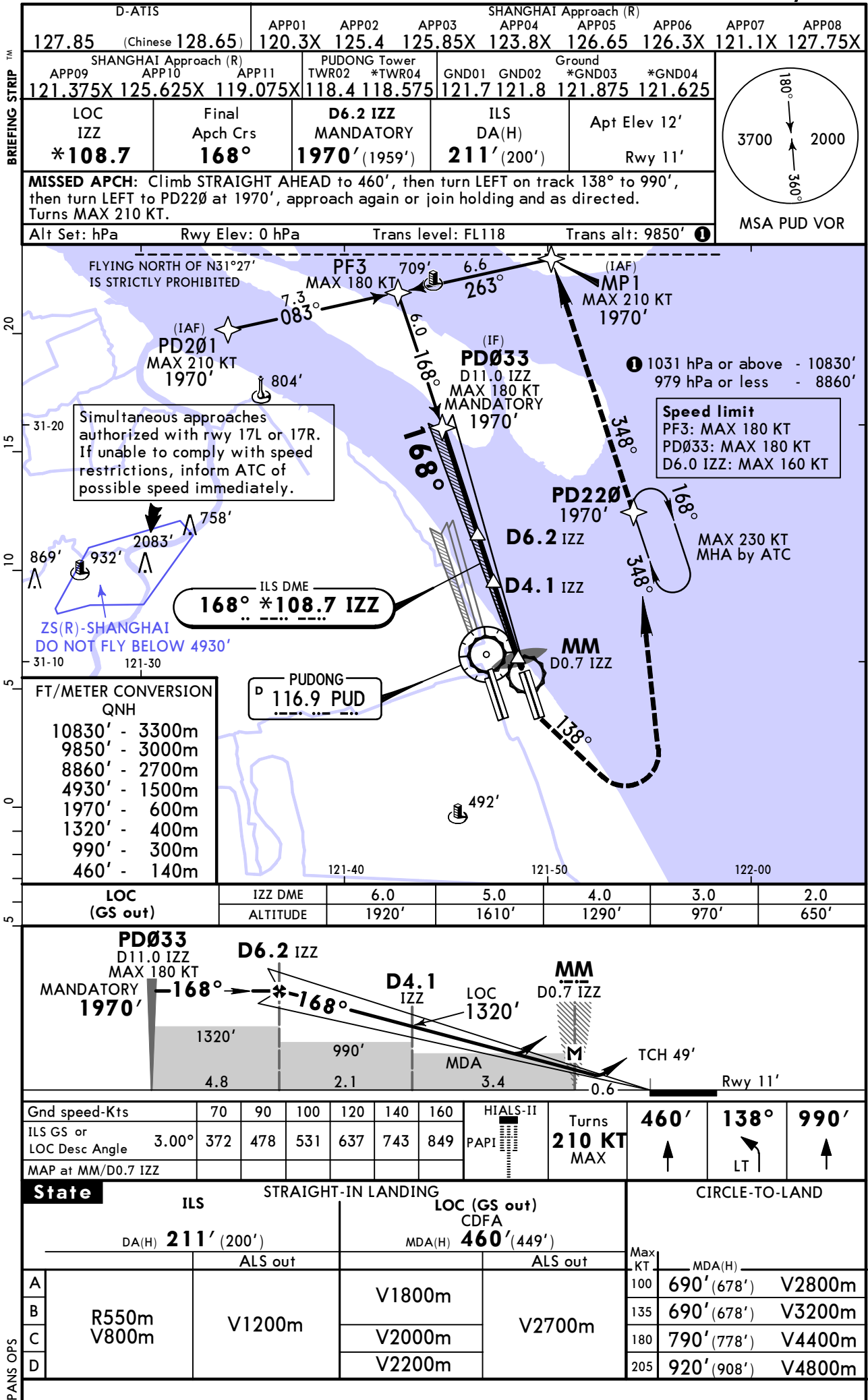
SHANGHAI, PR OF CHINA
SA CAT I ILS DME Y Rwy 16L



ZSPD/PVG
PUDONG

11 OCT 24 (21-3)

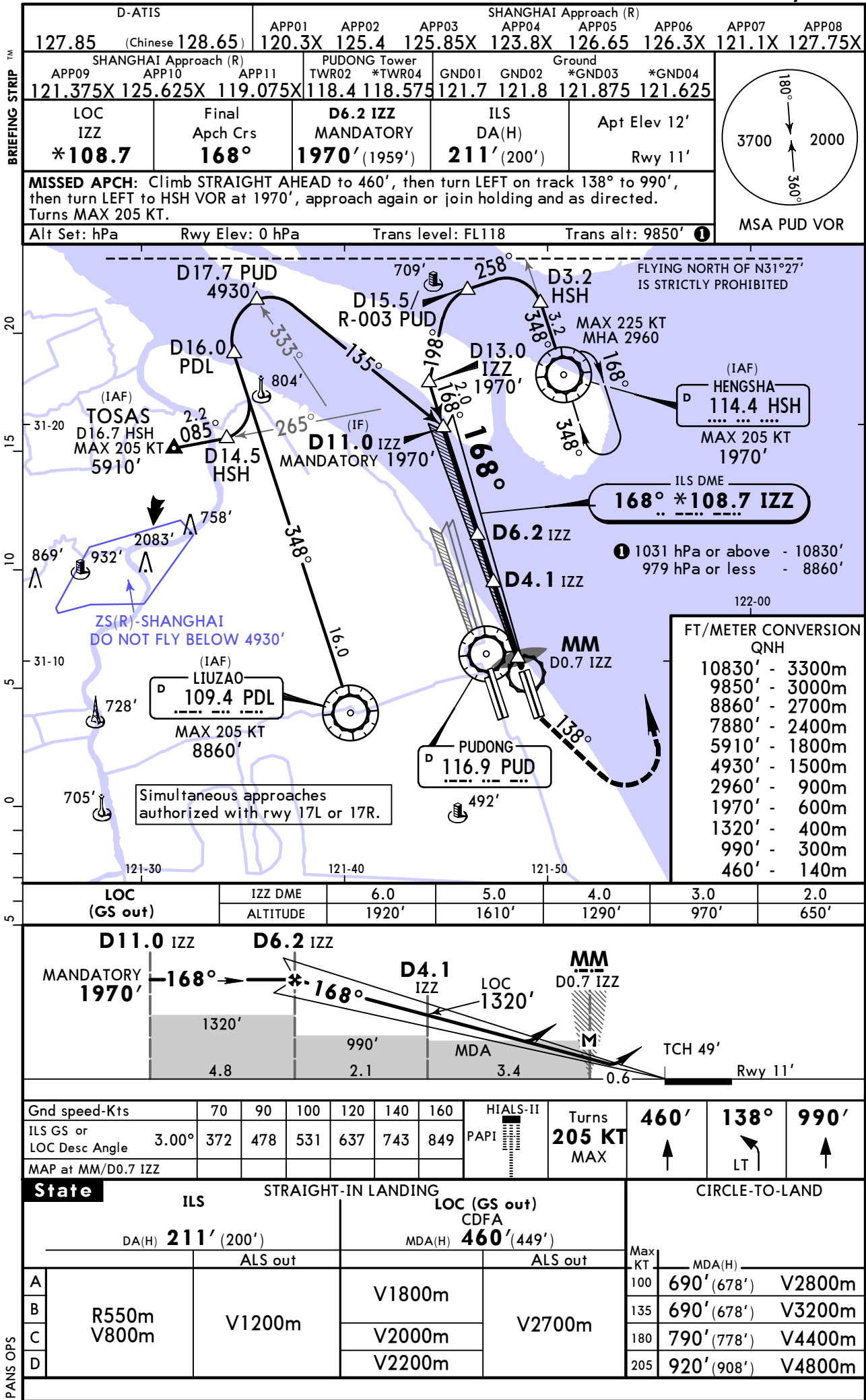
SHANGHAI, PR OF CHINA
RNAV ILS DME Z Rwy 16R



ZSPD/PVG
PUDONG

11 OCT 24 (21-4)

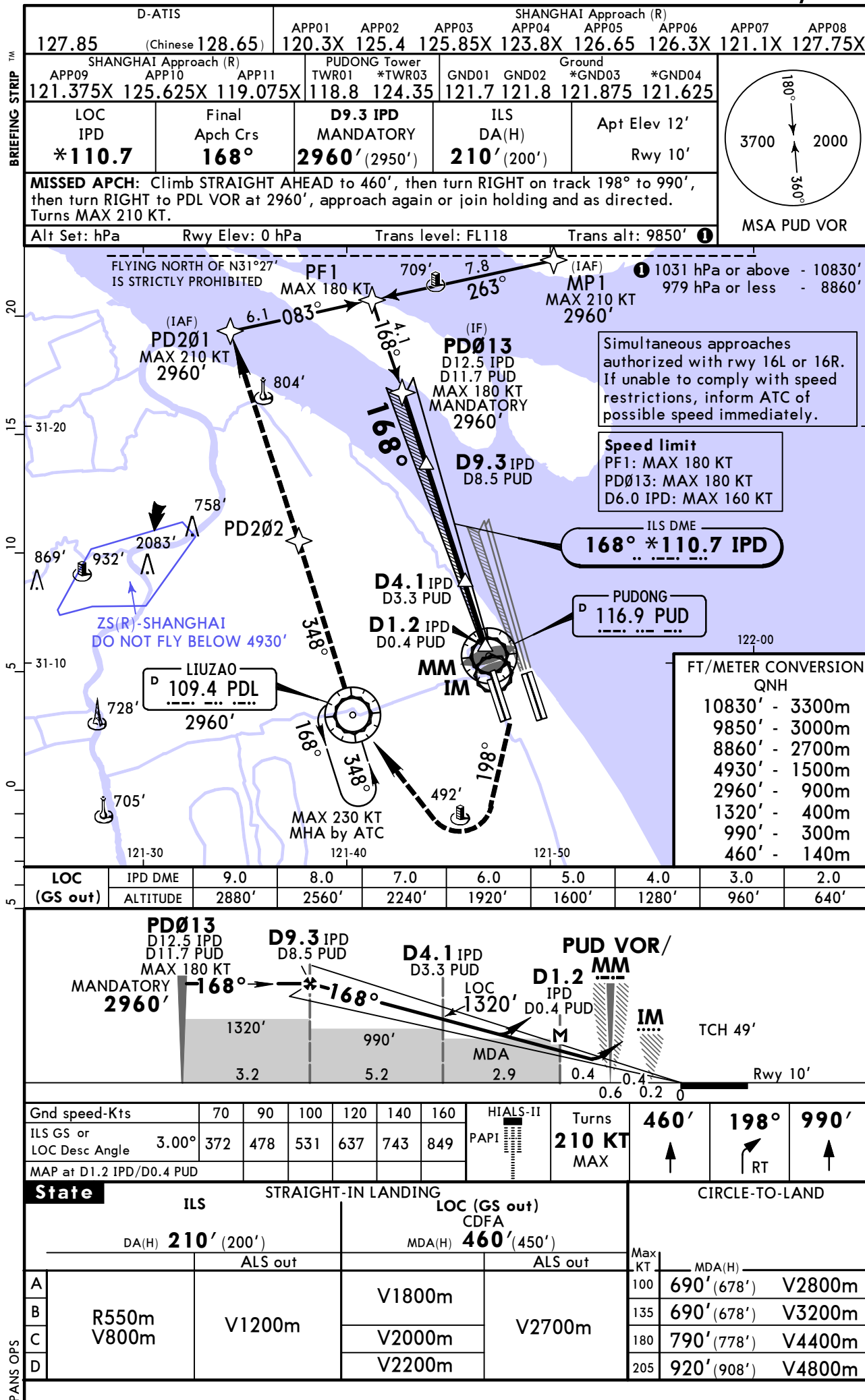
SHANGHAI, PR OF CHINA
ILS DME Y Rwy 16R



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ZSPD/PVG
PUDONG

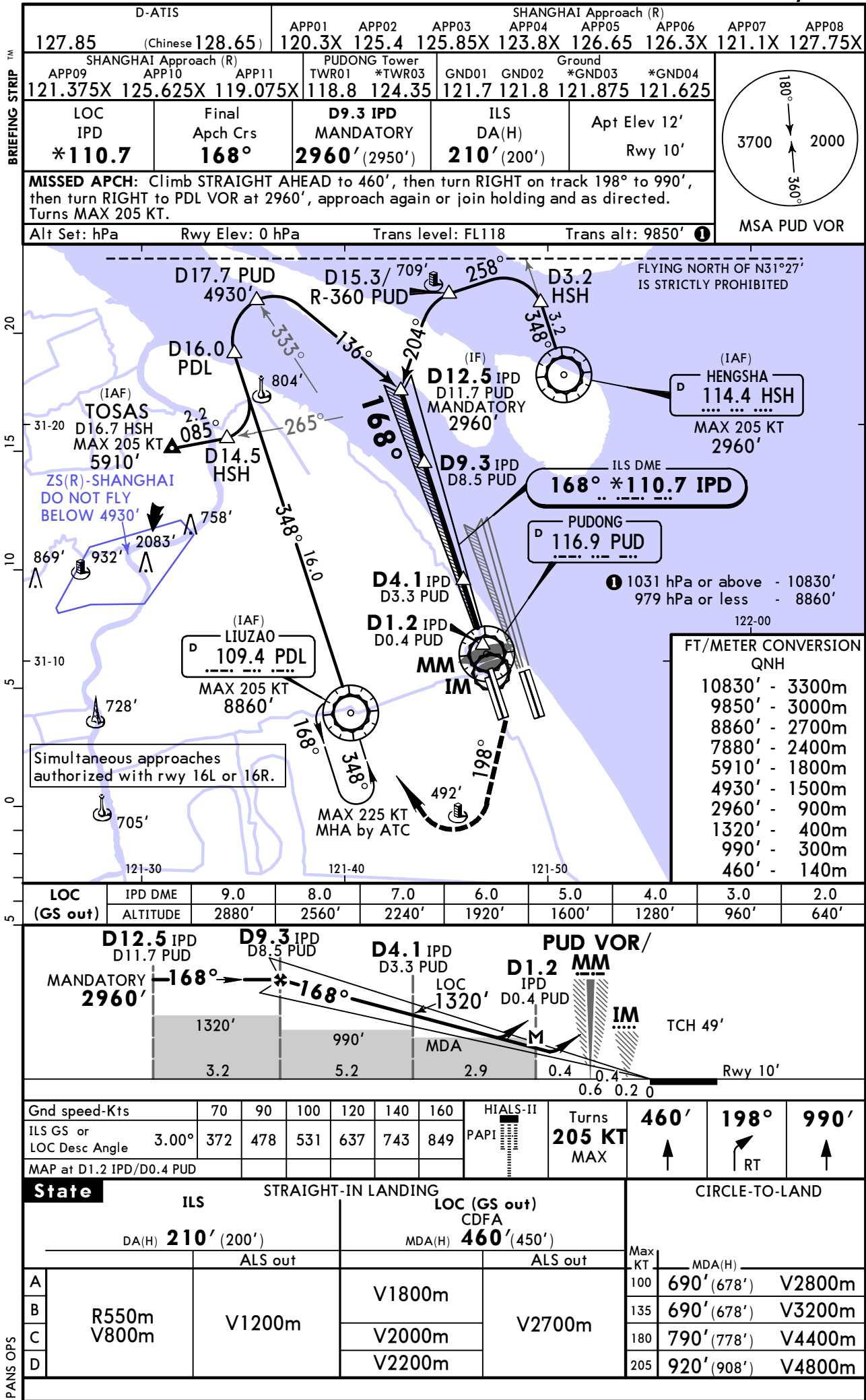
JEPPESSEN SHANGHAI, PR OF CHINA
11 OCT 24 (21-5) RNAV ILS DME Z Rwy 17L



ZSPD/PVG
PUDONG

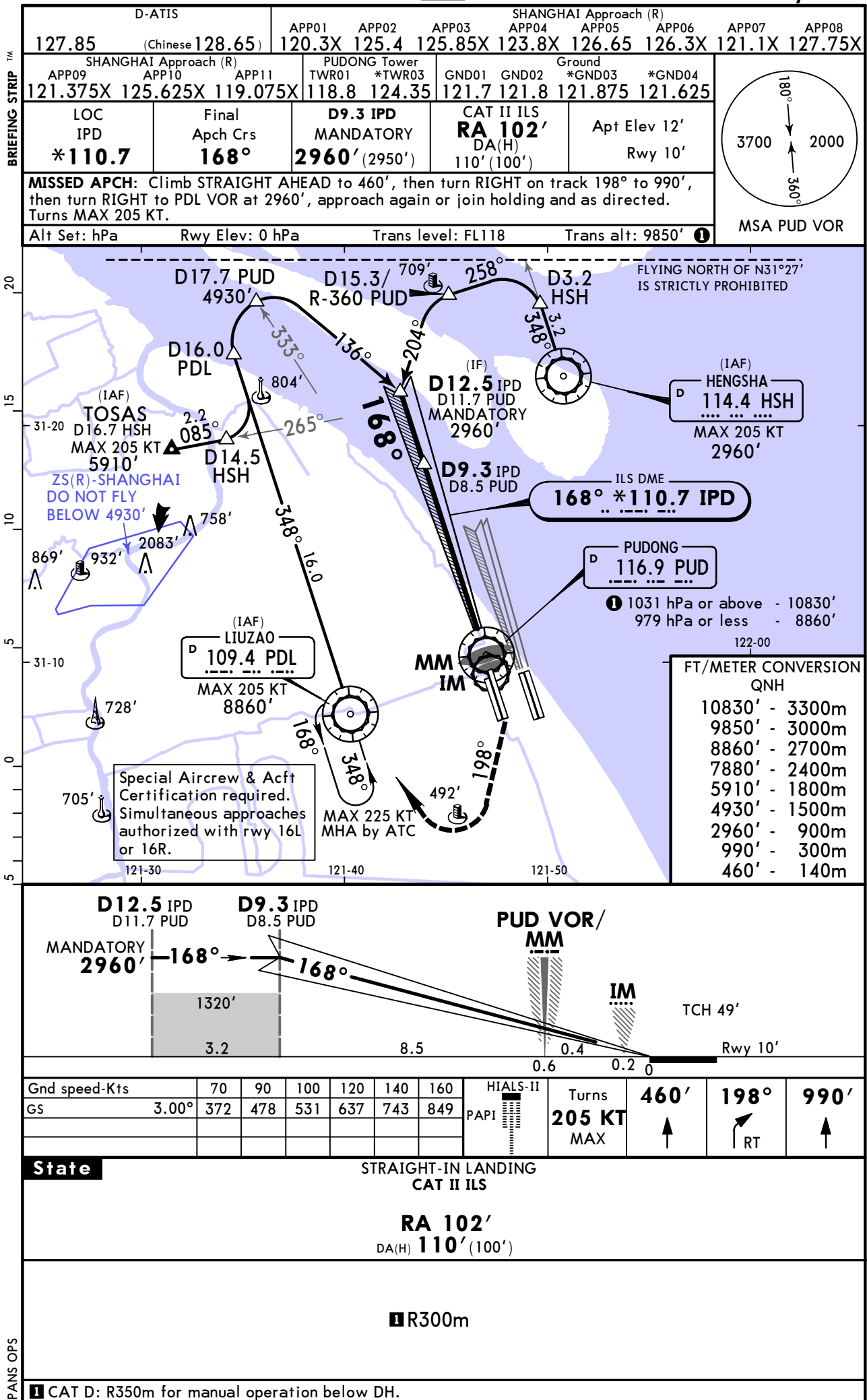
11 OCT 24 (21-6)

SHANGHAI, PR OF CHINA
ILS DME Y Rwy 17L



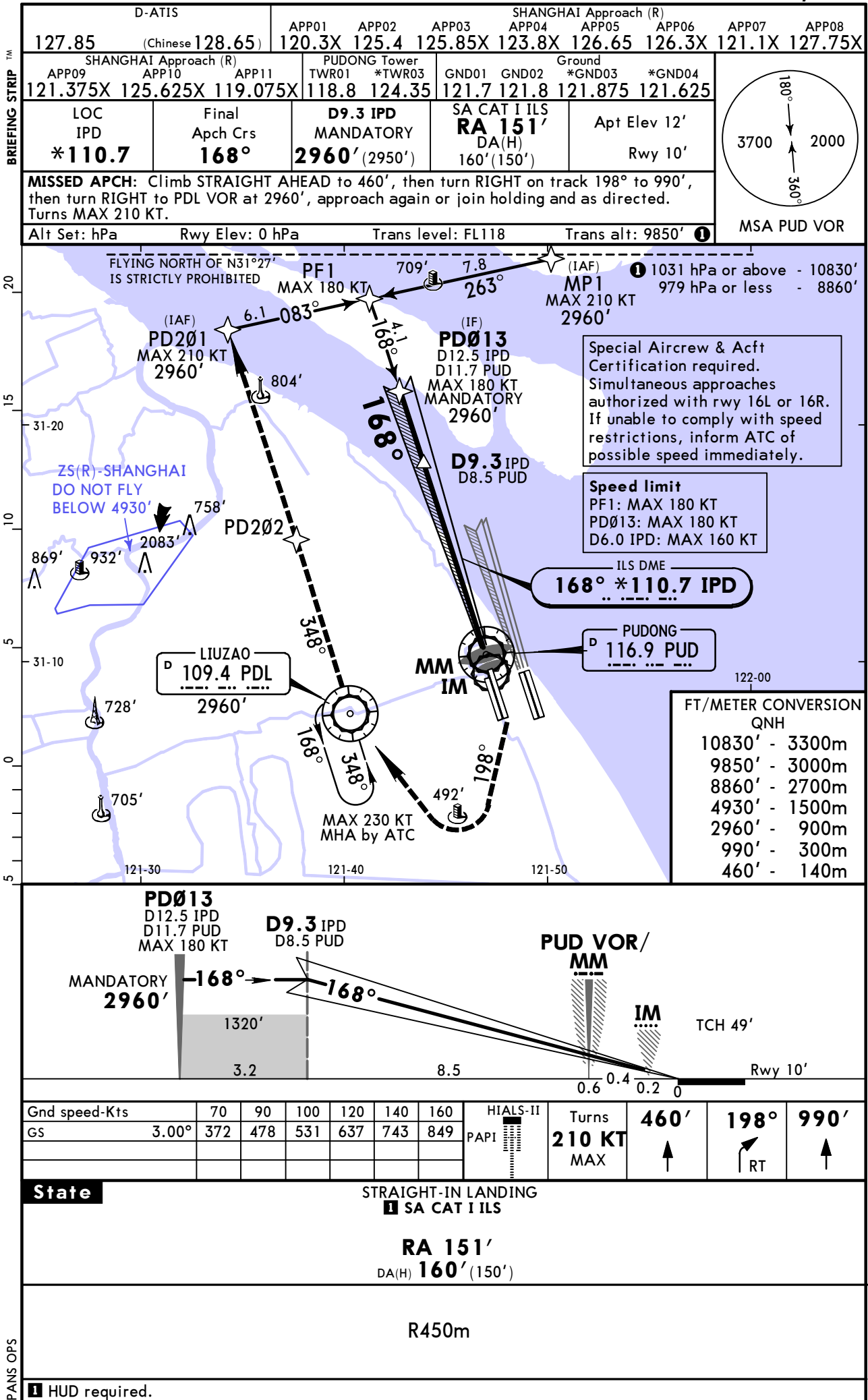
ZSPD/PVG
PUDONG

JEPPESSEN SHANGHAI, PR OF CHINA
11 OCT 24 (21-6A) CAT II ILS DME Y Rwy 17L



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PUDONG

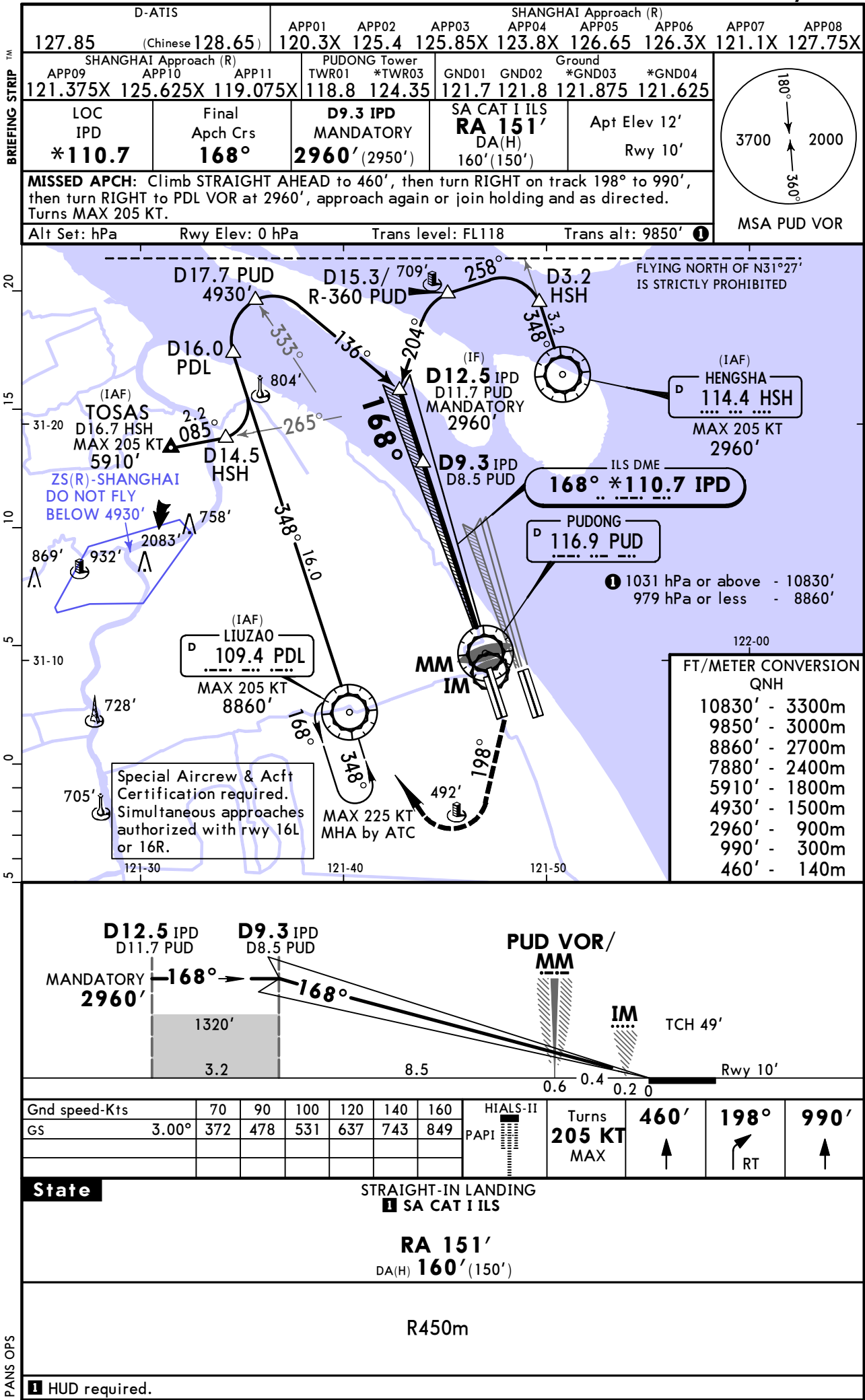
JEPPESSEN SHANGHAI, PR OF CHINA
11 OCT 24 (21-6B) SA CAT I RNAV ILS DME Z Rwy 17L



ZSPD/PVG
PUDONG

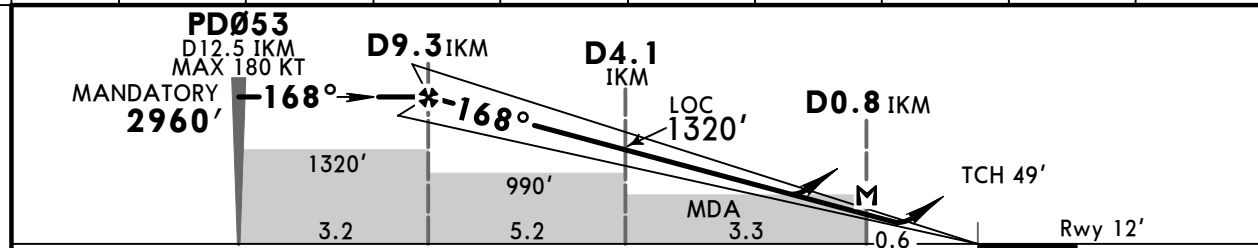
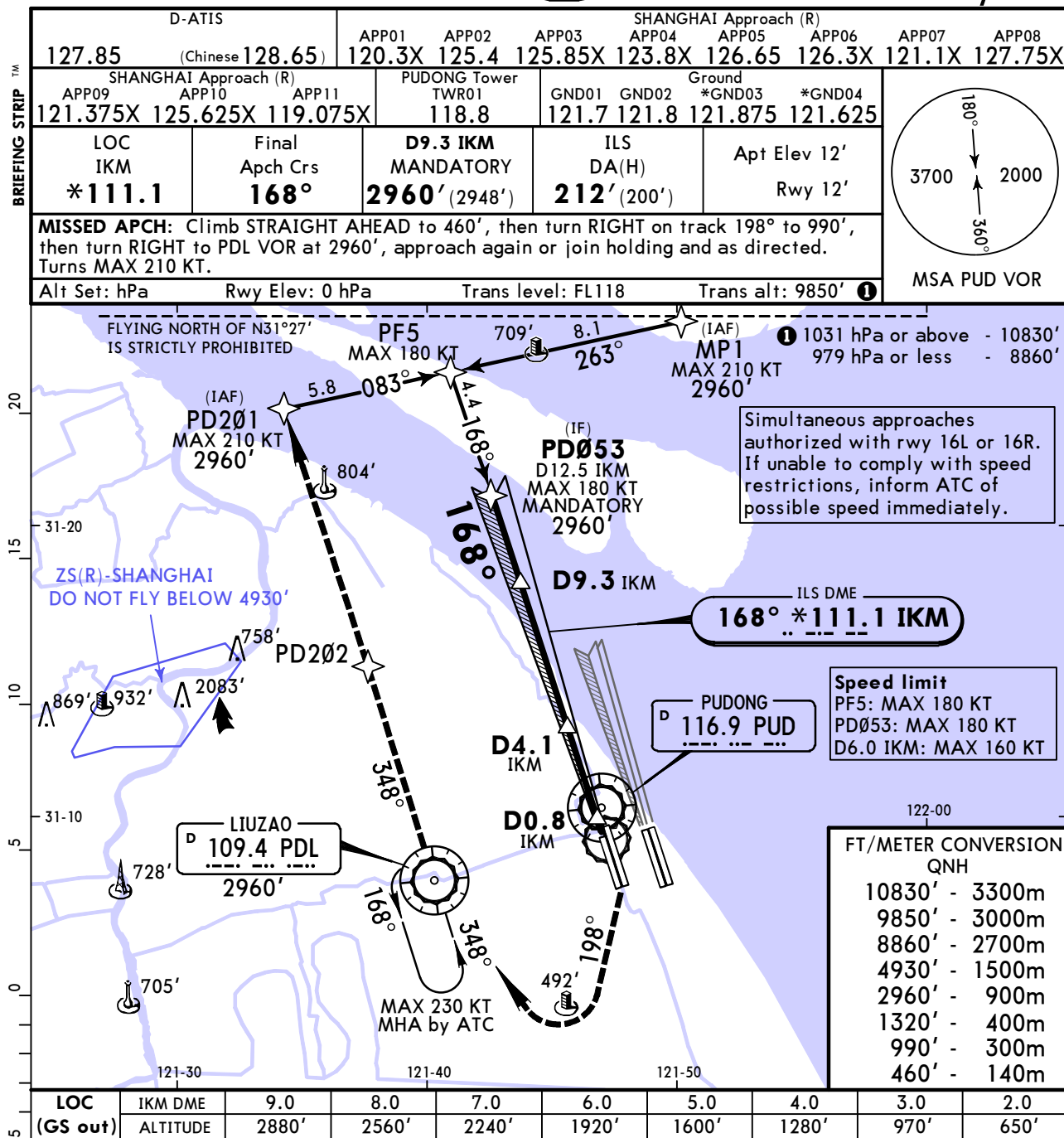
JEPPESSEN
11 OCT 24 (21-6C)

SHANGHAI, PR OF CHINA
SA CAT I ILS DME Y Rwy 17L



ZSPD/PVG
PUDONG

JEPPESSEN SHANGHAI, PR OF CHINA
11 OCT 24 (21-7) **RNAV ILS DME Z Rwy 17R**



Gnd speed-Kts	70	90	100	120	140	160	HIALS	Turns	460'	198°	990'
ILS GS or LOC Desc Angle	3.00°	372	478	531	637	743	849	PAPI	210 KT MAX	↑	↑
MAP at D0.8 IKM											

State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND	
ILS		LOC (GS out)		LOC (GS out)		West of RWY only	
DA(H) 212' (200')		CDFA		MDA(H) 460' (448')			
ALS out		ALS out		ALS out		Max	
						KT	
A						100	
B						135	
C						180	
D						205	
R550m		V1200m		V1800m		690' (678')	
V800m				V2000m		V2800m	
				V2200m		V3200m	
						790' (778')	
						V4400m	
						920' (908')	
						V4800m	

① R800m when a Flight Director or Autopilot or HUD to DA is not used.

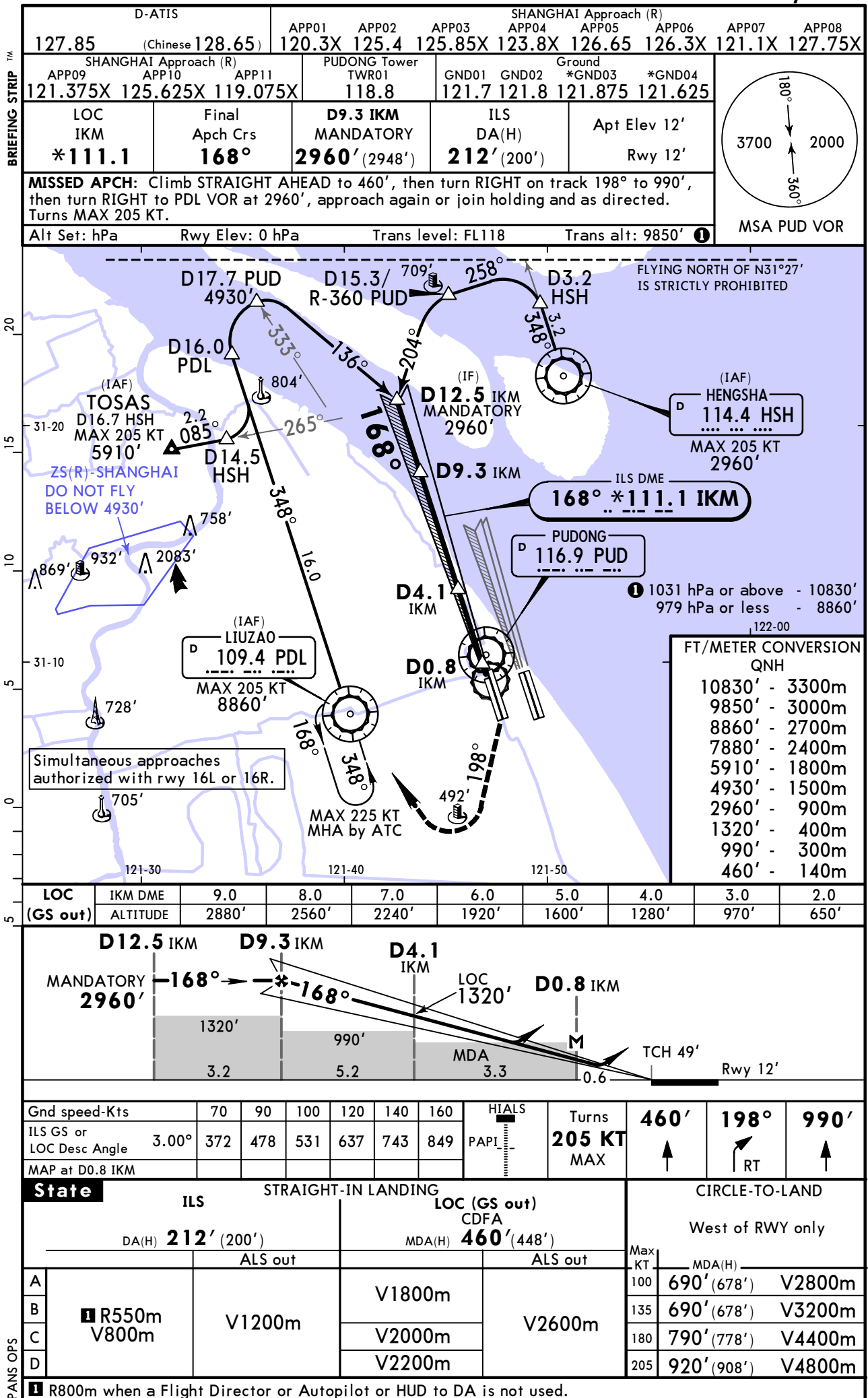
CHANGES: New AOM format.

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ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-8)

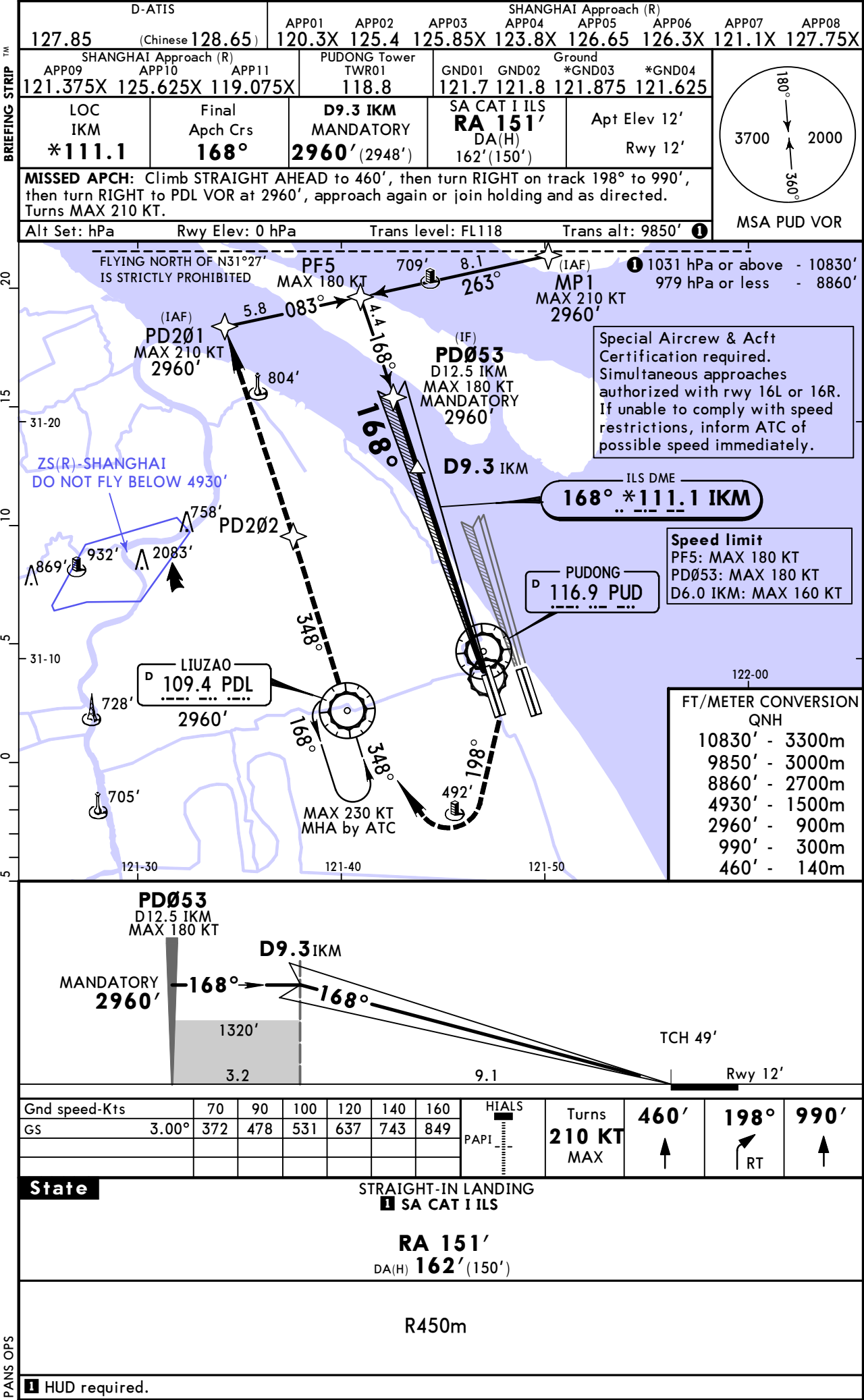
SHANGHAI, PR OF CHINA
ILS DME Y Rwy 17R



ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-8A)

SHANGHAI, PR OF CHINA
SA CAT I RNAV ILS DME Z Rwy 17R

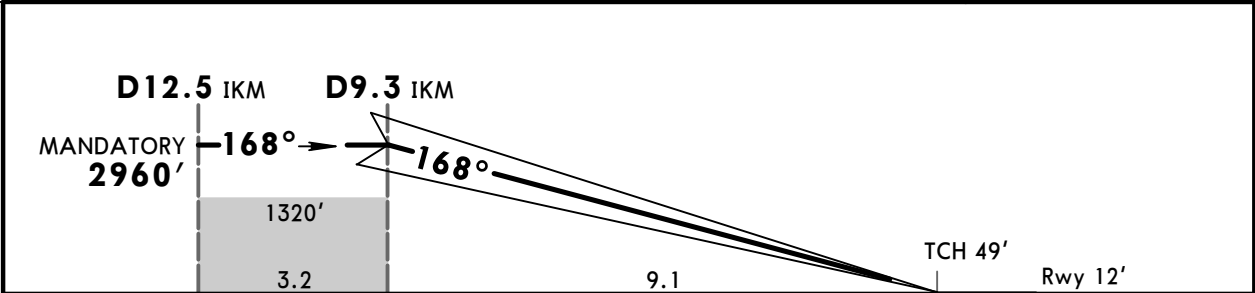
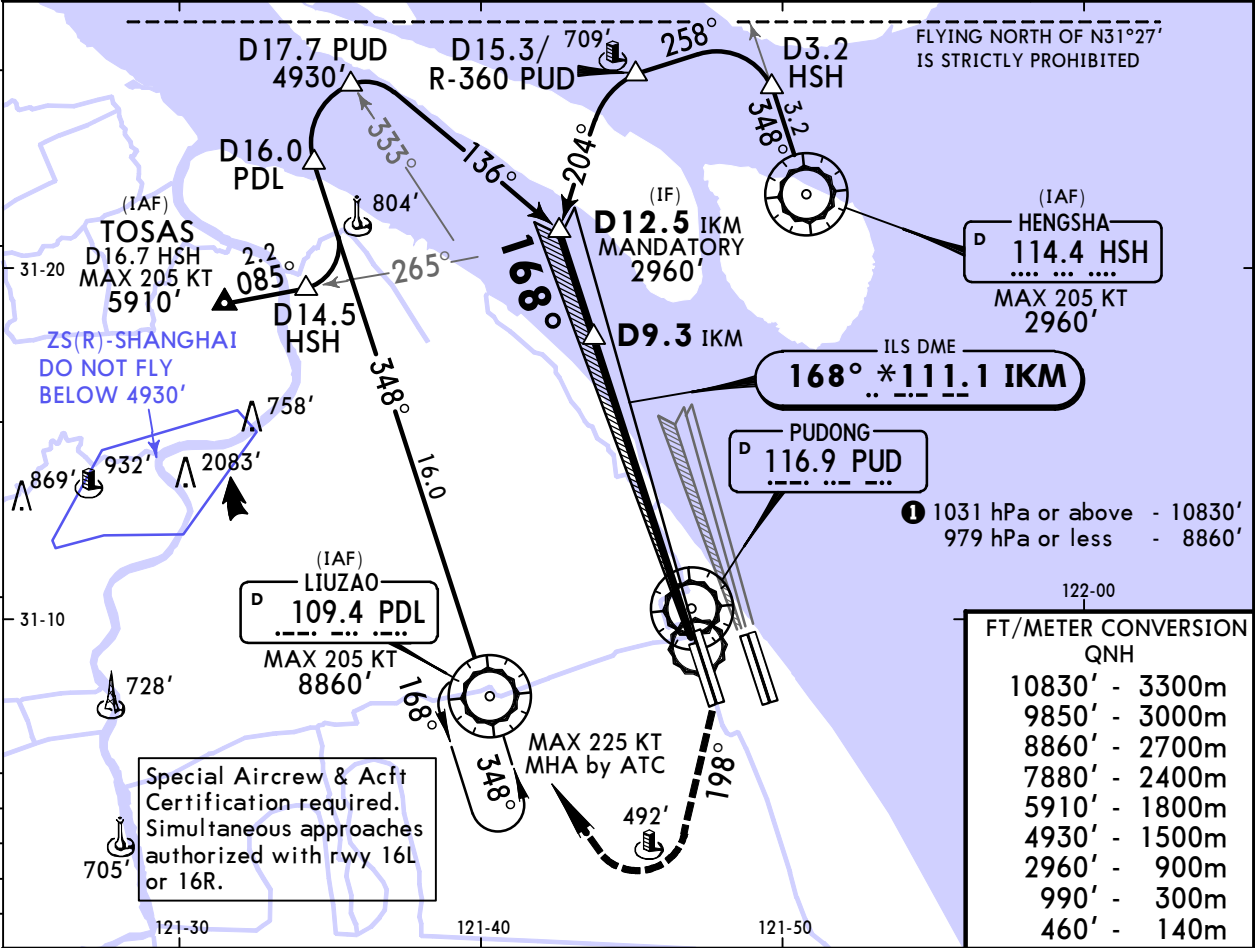


ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-8B)

SHANGHAI, PR OF CHINA
SA CAT I ILS DME Y Rwy 17R

D-ATIS			SHANGHAI Approach (R)							
127.85 (Chinese 128.65)			APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08
120.3X 125.4 125.85X 123.8X 126.65 126.3X 121.1X 127.75X										
SHANGHAI Approach (R)			PUDONG Tower		Ground					
APP09 APP10 APP11			TWR01		GND01	GND02	*GND03	*GND04		
121.375X 125.625X 119.075X			118.8		121.7	121.8	121.875	121.625		
LOC IKM		Final Apch Crs	D9.3 IKM MANDATORY		SA CAT I ILS RA 151' DA(H)		Apt Elev 12' Rwy 12'		<div><div>180°</div><div>3700</div><div>2000</div><div>360°</div></div> <div>MSA PUD VOR</div>	
*111.1		168°	2960' (2948')		162'(150')					
<div>MISSED APCH: Climb STRAIGHT AHEAD to 460', then turn RIGHT on track 198° to 990', then turn RIGHT to PDL VOR at 2960', approach again or join holding and as directed. Turns MAX 205 KT.</div>										
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: FL118		Trans alt: 9850' ①				



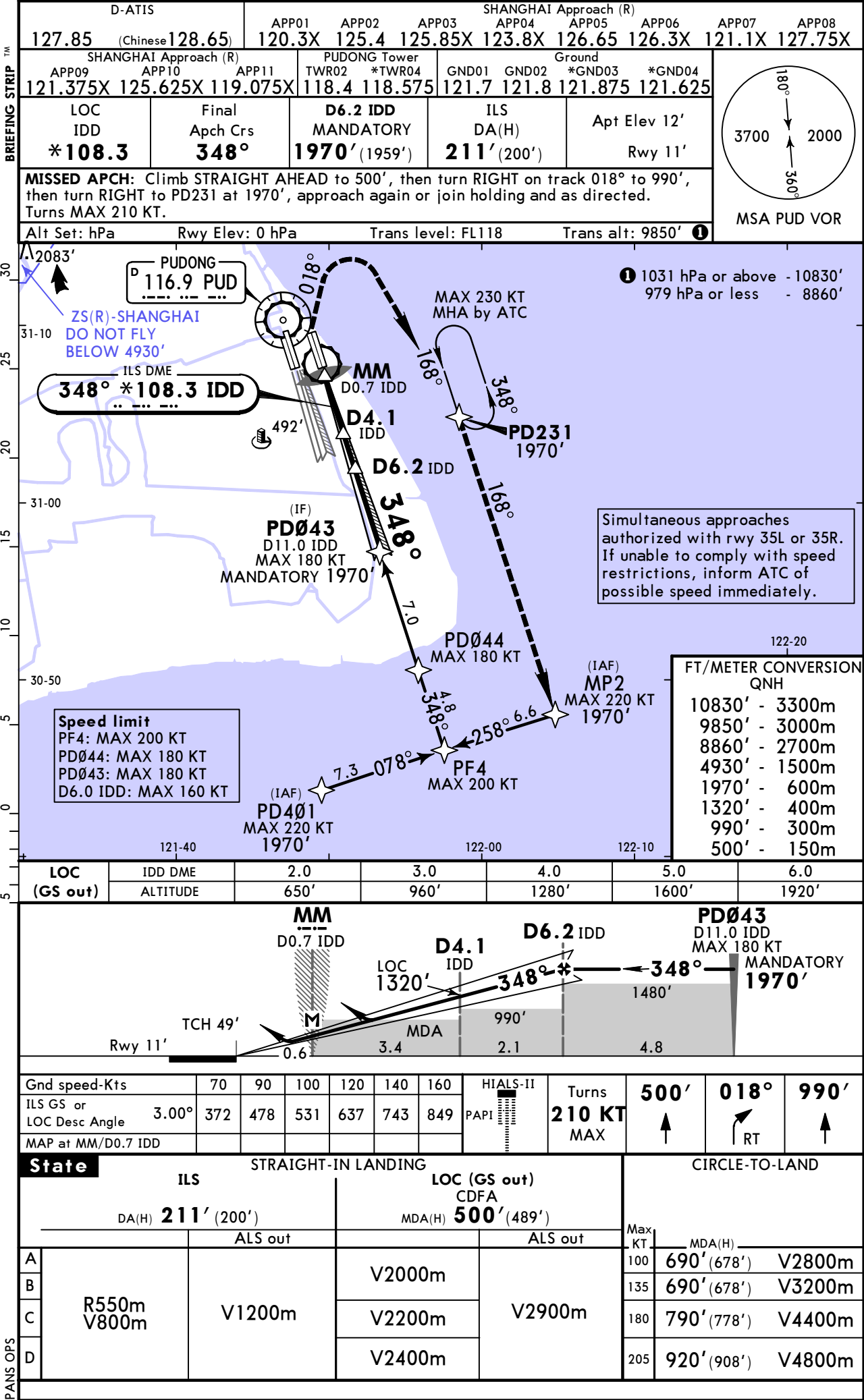
Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	Turns	460'	198°	990'
GS	3.00°	372	478	531	637	849		205 KT MAX	↑	RT	↑

State STRAIGHT-IN LANDING
SA CAT I ILS
RA 151'
DA(H) 162'(150')

R450m
HUD required.

ZSPD/PVG
PUDONG

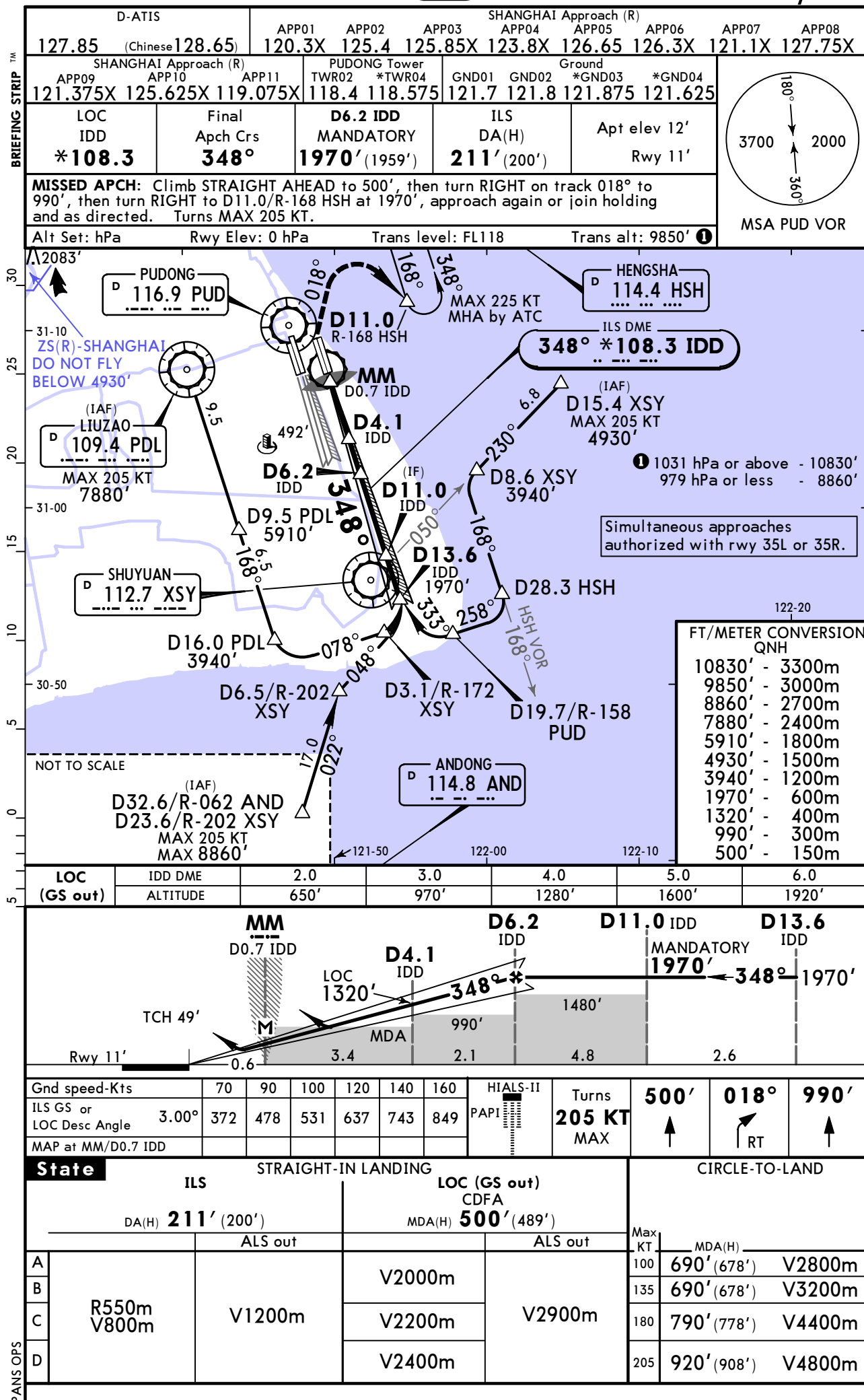
JEPPESSEN SHANGHAI, PR OF CHINA
11 OCT 24 (21-9) RNAV ILS DME Z Rwy 34L



ZSPD/PVG
PUDONG

11 OCT 24 (21-10)

SHANGHAI, PR OF CHINA
ILS DME Y Rwy 34L



ZSPD/PVG
PUDONG

11 OCT 24 (21-10A)

SA CAT I RNAV ILS DME Z Rwy 34L

JEPPESSEN

SHANGHAI, PR OF CHINA

BRIEFING STRIP™

D-ATIS		SHANGHAI Approach (R)							
127.85 (Chinese) 128.65		APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08
120.3X		125.4	125.85X	123.8X	126.65	126.3X	121.1X	127.75X	
SHANGHAI Approach (R)			PUDONG Tower		Ground				
APP09	APP10	APP11	TWR02	*TWR04	GND01	GND02	*GND03	*GND04	
121.375X	125.625X	119.075X	118.4	118.575	121.7	121.8	121.875	121.625	
LOC	Final	D6.2 IDD	SA CAT I ILS		Apt Elev 12'				
IDD	Apch Crs	MANDATORY	RA 151'		Rwy 11'				
*108.3	348°	1970' (1959')	DA(H)						
		161' (150')							
MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn RIGHT on track 018° to 990', then turn RIGHT to PD231 at 1970', approach again or join holding and as directed. Turns MAX 210 KT.									
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: FL118		Trans alt: 9850' ①			

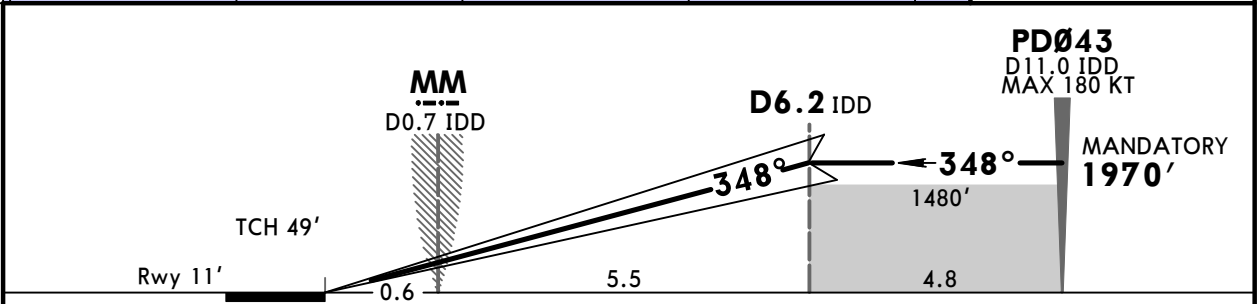
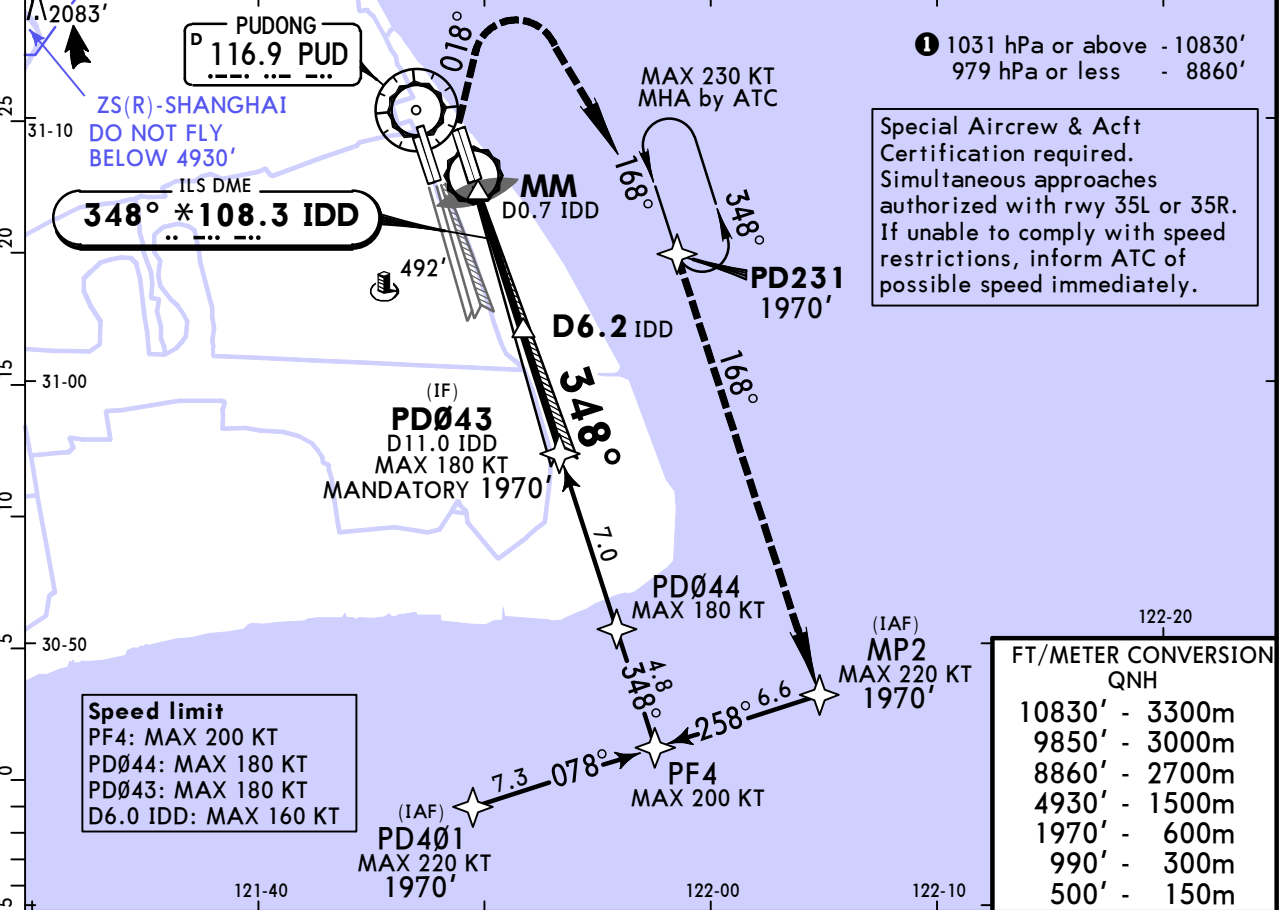
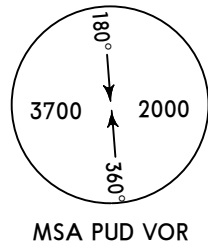
180°

3700

2000

360°

MSA PUD VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	Turns	500'	018°	990'
GS	3.00°	372	478	531	637	743	PAPI	210 KT MAX	↑	RT	↑

State STRAIGHT-IN LANDING SA CAT I ILS

RA 151'
DA(H) 161'(150')

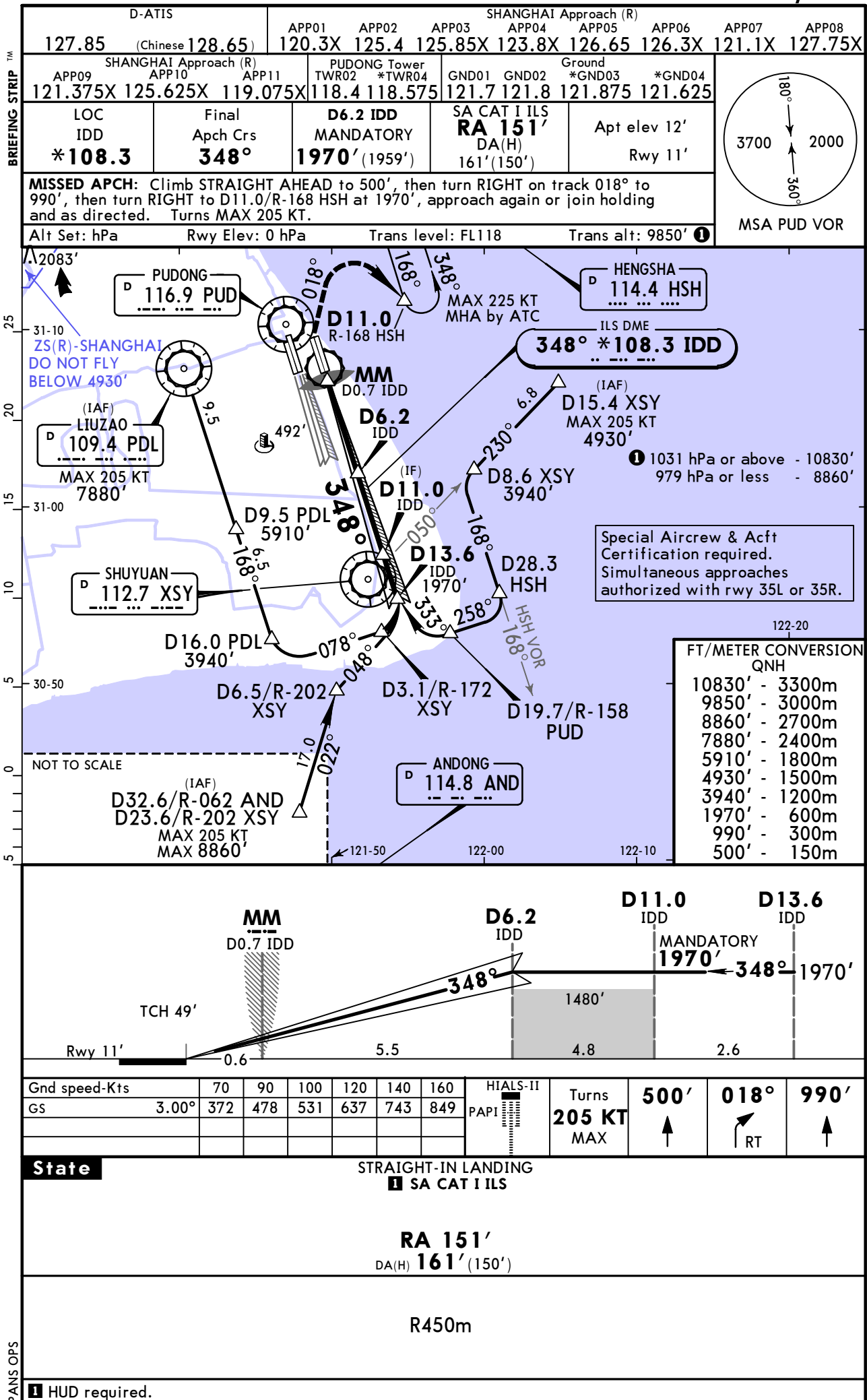
R450m

① HUD required.

ZSPD/PVG
PUDONG

JEPPesen
11 OCT 24 (21-10B)

SHANGHAI, PR OF CHINA
SA CAT I ILS DME Y Rwy 34L



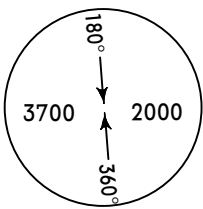
ZSPD/PVG
PUDONG

11 OCT 24 **21-11** CAT II/III RNAV ILS DME X Rwy 34L

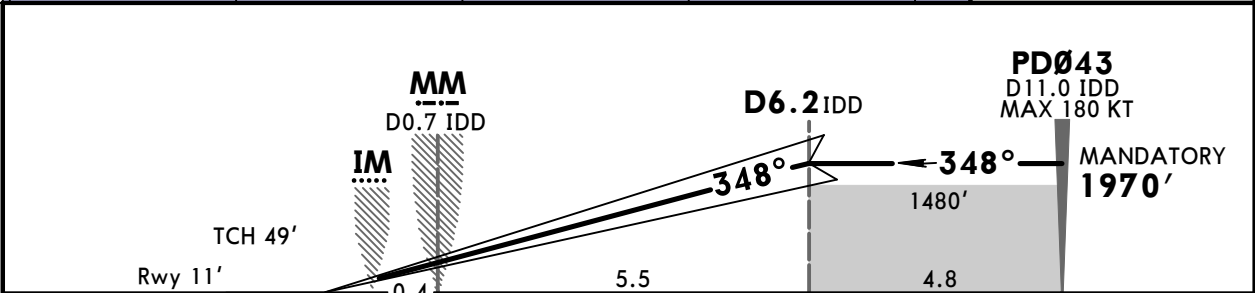
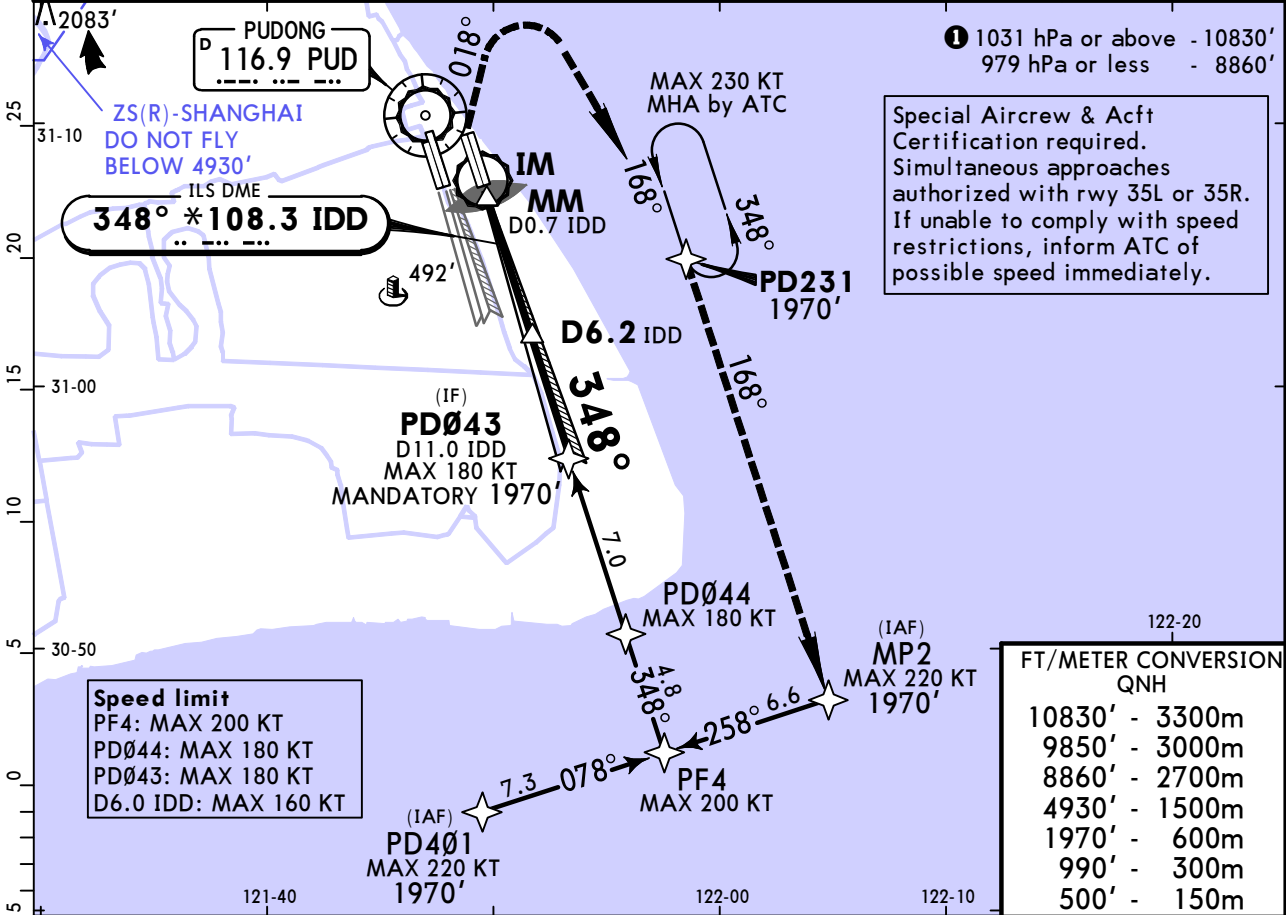
SHANGHAI, PR OF CHINA

BRIEFING STRIP™

D-ATIS			SHANGHAI Approach (R)							
127.85 (Chinese 128.65)			APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08
120.3X 125.4 125.85X 123.8X 126.65 126.3X 121.1X 127.75X										
SHANGHAI Approach (R)			PUDONG Tower		Ground					
APP09	APP10	APP11	TWR02	*TWR04	GND01	GND02	*GND03	*GND04		
121.375X	125.625X	119.075X	118.4	118.575	121.7	121.8	121.875	121.625		
LOC	Final	D6.2 IDD	CAT IIIA	CAT II ILS	Apt Elev 12'		<div><div>180°</div><div>3700</div><div>2000</div><div>360°</div></div> <div>MSA PUD VOR</div>			
IDD	Apch Crs	MANDATORY	ILS	RA 102'	Rwy 11'					
*108.3	348°	1970' (1959')	Refer to Minimums	DA(H) 111' (100')						
MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn RIGHT on track 018° to 990', then turn RIGHT to PD231 at 1970', approach again or join holding and as directed. Turns MAX 210 KT.										
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: FL118			Trans alt: 9850' ①			



MSA PUD VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	Turns	500'	018°	990'
GS	3.00°	372	478	531	637	849		210 KT MAX	↑	RT	↑

State		STRAIGHT-IN LANDING	
CAT IIIA ILS		CAT II ILS	
DH RA 50'		RA 102'	
		DA(H) 111' (100')	
R175m		R300m	

① CAT D: R350m for manual operation below DH.

ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-12)

SHANGHAI, PR OF CHINA
CAT II/III ILS DME W Rwy 34L

BRIEFING STRIP™

D-ATIS			SHANGHAI Approach (R)							
127.85 (Chinese 128.65)			APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08
120.3X			125.4		125.85X		123.8X		126.65 126.3X 121.1X 127.75X	
SHANGHAI Approach (R)			PUDONG Tower		Ground					
APP09	APP10	APP11	TWR02	*TWR04	GND01	GND02	*GND03	*GND04		
121.375X 125.625X 119.075X			118.4	118.575	121.7	121.8	121.875	121.625		
LOC	Final	D6.2 IDD		CAT IIIA		CAT II ILS		Apt elev 12'		
IDD	Apch Crs	MANDATORY		ILS		RA 102'		Rwy 11'		
*108.3		348°		1970' (1959')		111' (100')				
MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn RIGHT on track 018° to 990', then turn RIGHT to D11.0/R-168 HSH at 1970', approach again or join holding and as directed. Turns MAX 205 KT.										
Alt Set: hPa			Rwy Elev: 0 hPa			Trans level: FL118			Trans alt: 9850' ①	

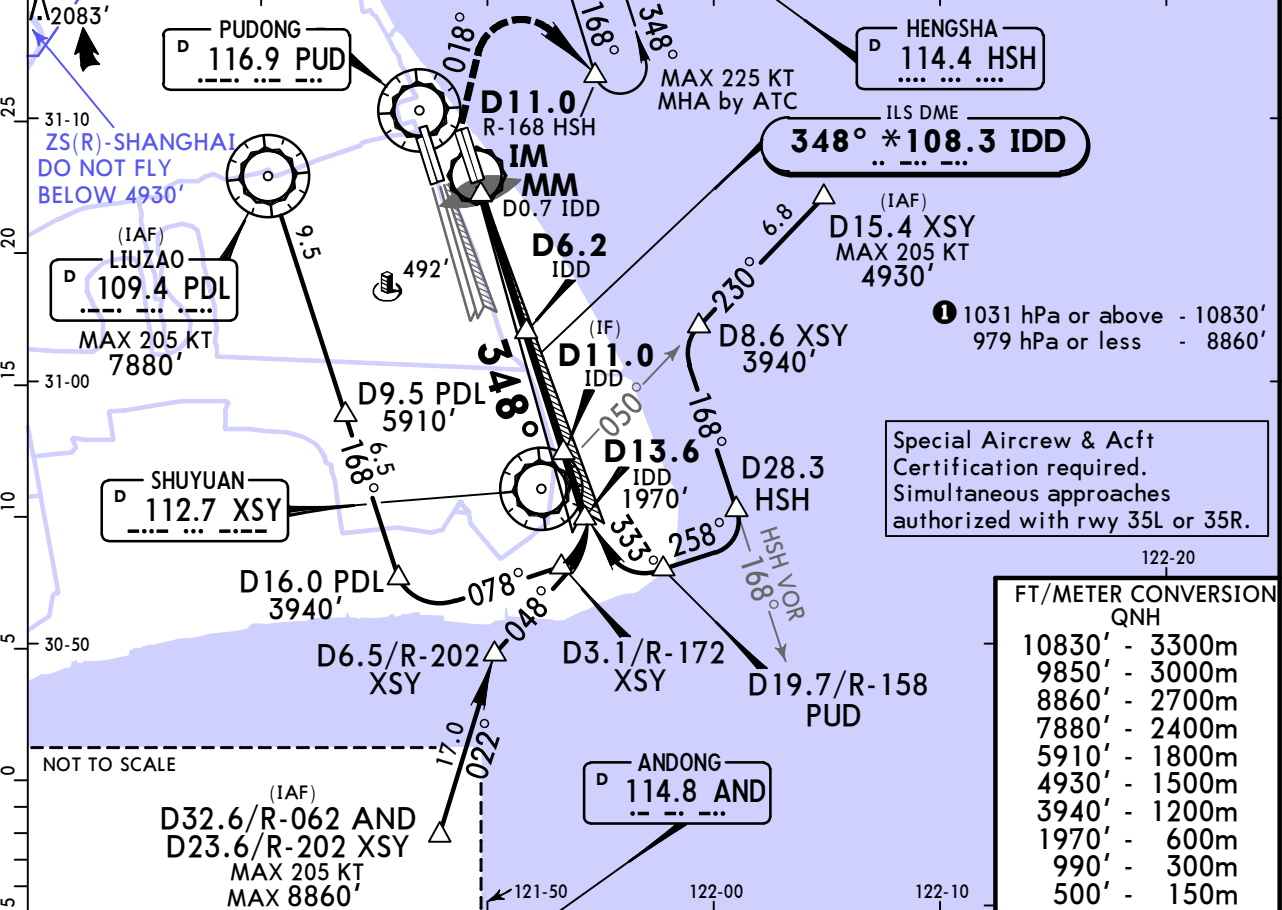
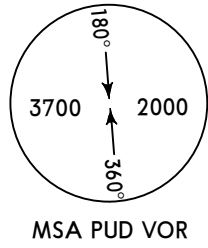
180°

3700

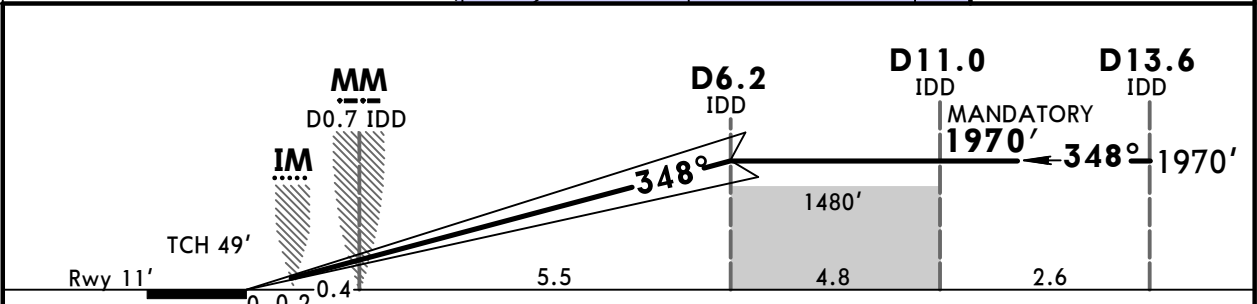
2000

360°

MSA PUD VOR



FT/METER CONVERSION	
QNH	
10830'	3300m
9850'	3000m
8860'	2700m
7880'	2400m
5910'	1800m
4930'	1500m
3940'	1200m
1970'	600m
990'	300m
500'	150m



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	Turns	500'	018°	990'
GS	3.00°	372	478	531	637	743		205 KT MAX	↑	RT	↑

State		STRAIGHT-IN LANDING	
CAT IIIA ILS		CAT II ILS	
DH RA 50'		RA 102'	
R175m		DA(H) 111' (100')	
		R300m	

① CAT D: R350m for manual operation below DH.

CHANGES: New AOM format.

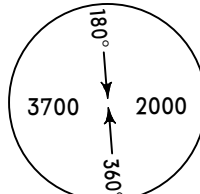
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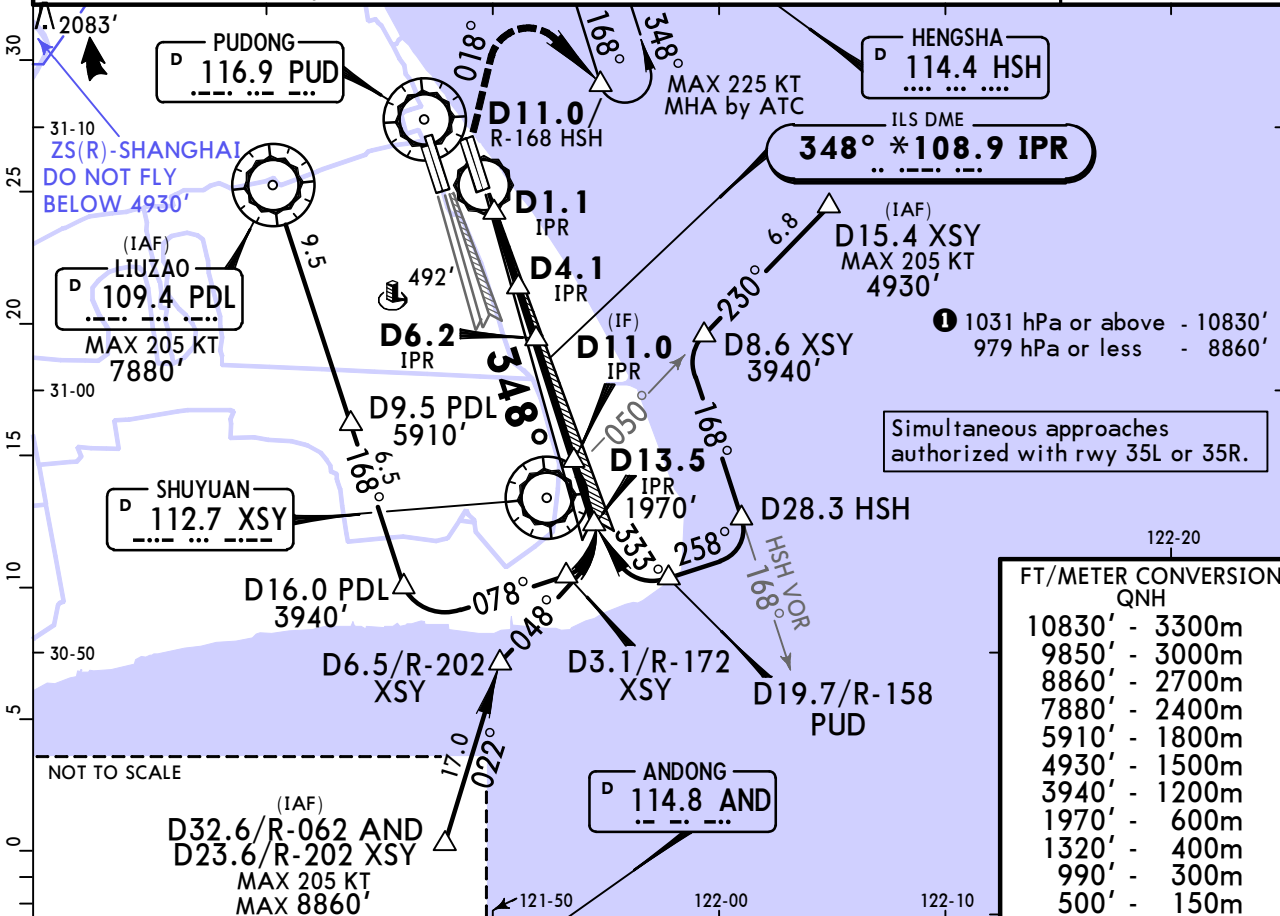
ZSPD/PVG
PUDONG

11 OCT 24 (21-14)

SHANGHAI, PR OF CHINA
ILS DME Y Rwy 34R

BRIEFING STRIP™

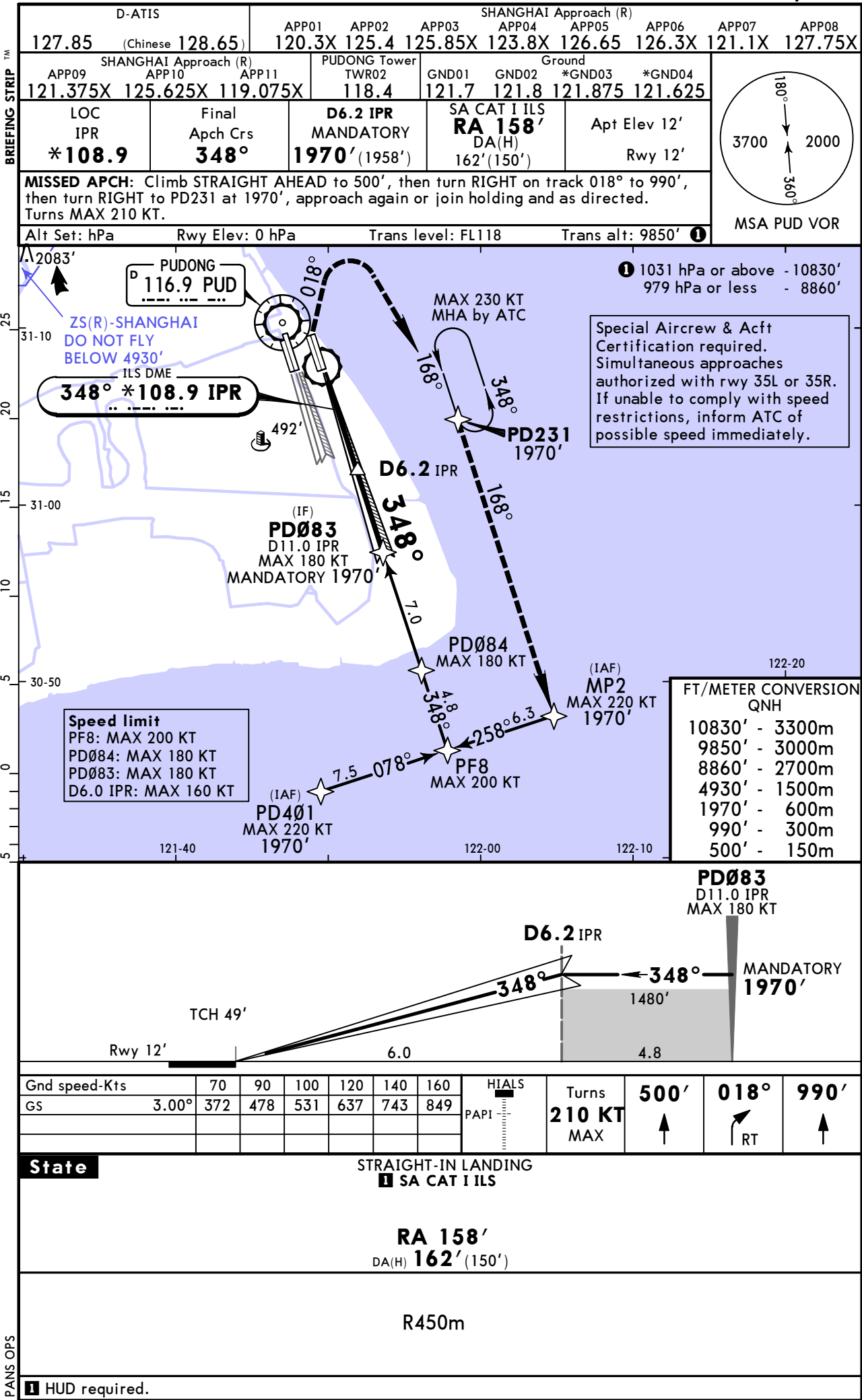
D-ATIS			SHANGHAI Approach (R)							
127.85	(Chinese 128.65)	APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08	
		120.3X	125.4	125.85X	123.8X	126.65	126.3X	121.1X	127.75X	
SHANGHAI Approach (R)			PUDONG Tower		Ground					
APP09	APP10	APP11	TWR02	GND01	GND02	*GND03	*GND04			
121.375X	125.625X	119.075X	118.4	121.7	121.8	121.875	121.625			
LOC IPR	Final Apch Crs	D6.2 IPR MANDATORY		ILS DA(H)		Apt elev 12' Rwy 12'				
*108.9	348°	1970' (1958')		212' (200')						
MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn RIGHT on track 018° to 990', then turn RIGHT to D11.0/R-168 HSH at 1970', approach again or join holding and as directed. Turns MAX 205 KT.										
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: FL118		Trans alt: 9850' ①		MSA PUD VOR		



ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 21-14A

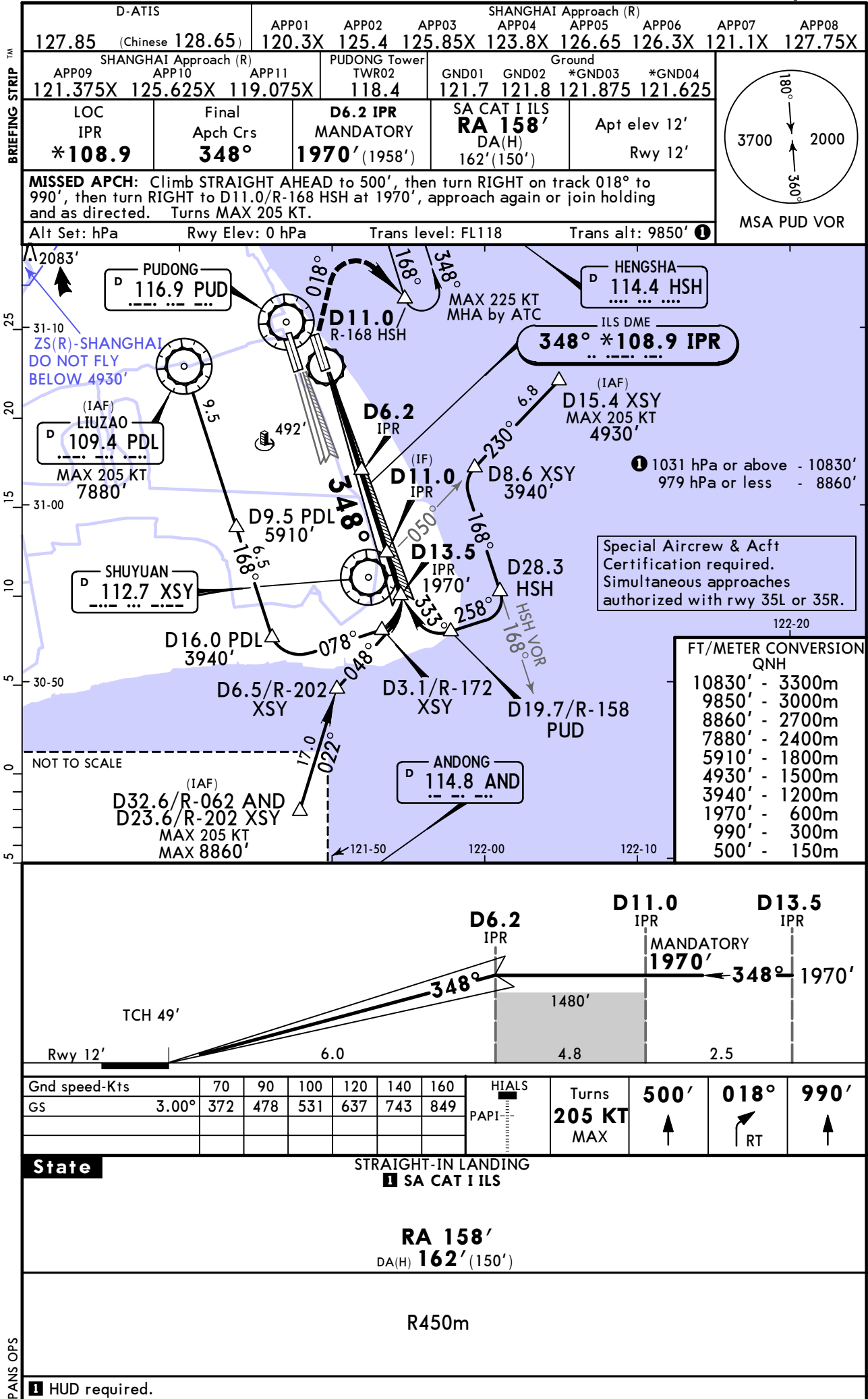
SHANGHAI, PR OF CHINA
SA CAT I RNAV ILS DME Z Rwy 34R



ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-14B)

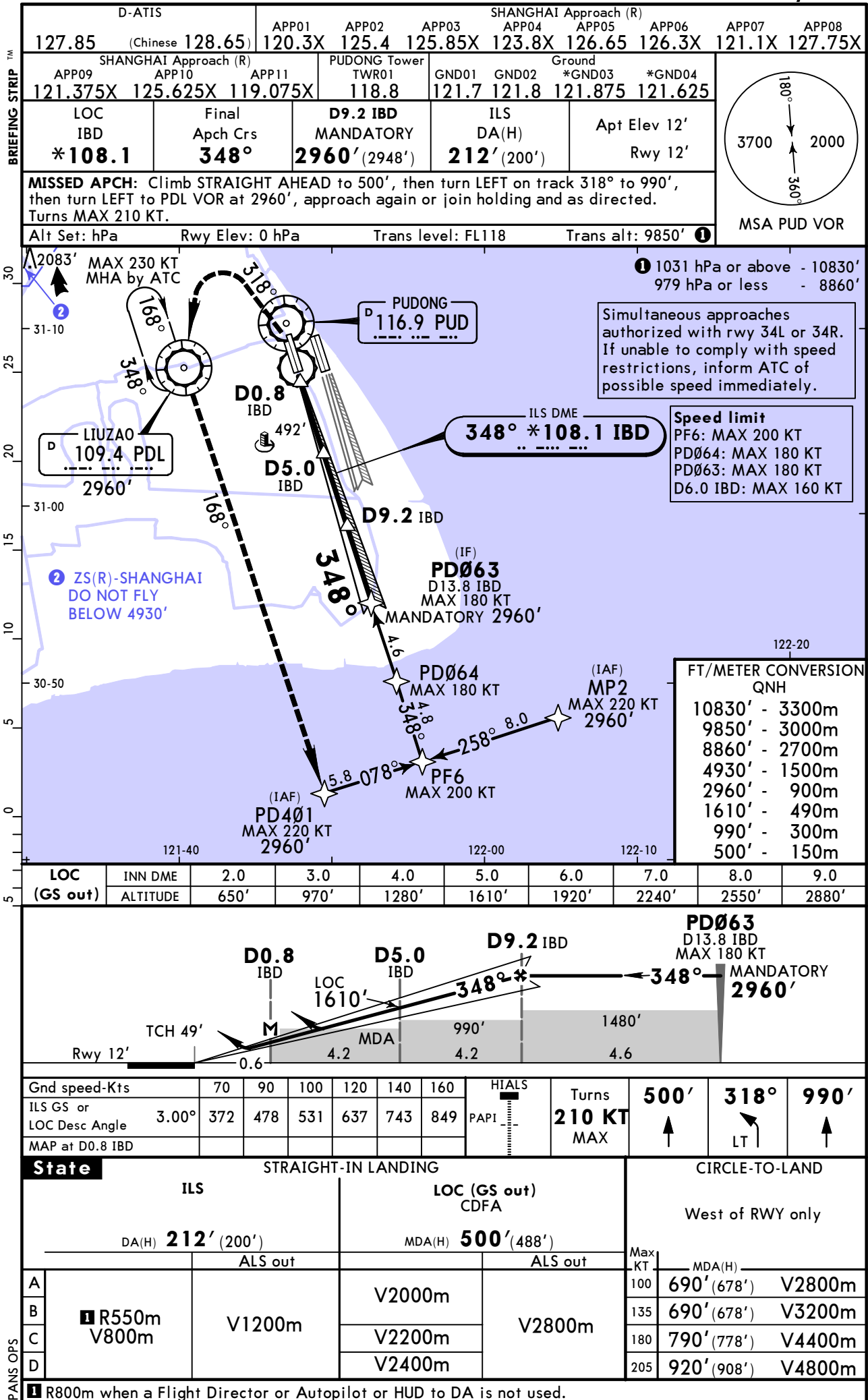
SHANGHAI, PR OF CHINA
SA CAT I ILS DME Y Rwy 34R



ZSPD/PVG
PUDONG

11 OCT 24 (21-15)

SHANGHAI, PR OF CHINA
RNAV ILS DME Z Rwy 35L

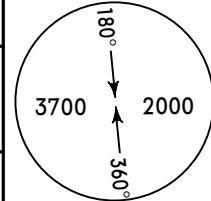


ZSPD/PVG
PUDONG

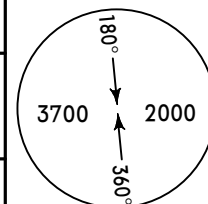
JEPPESSEN
11 OCT 24 (21-16)

SHANGHAI, PR OF CHINA
ILS DME Y Rwy 35L

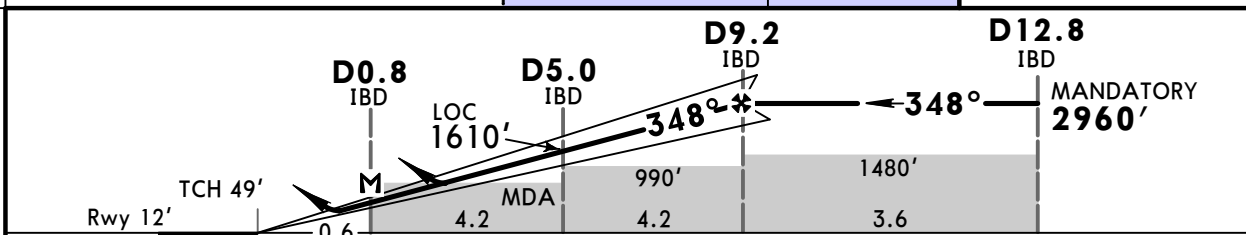
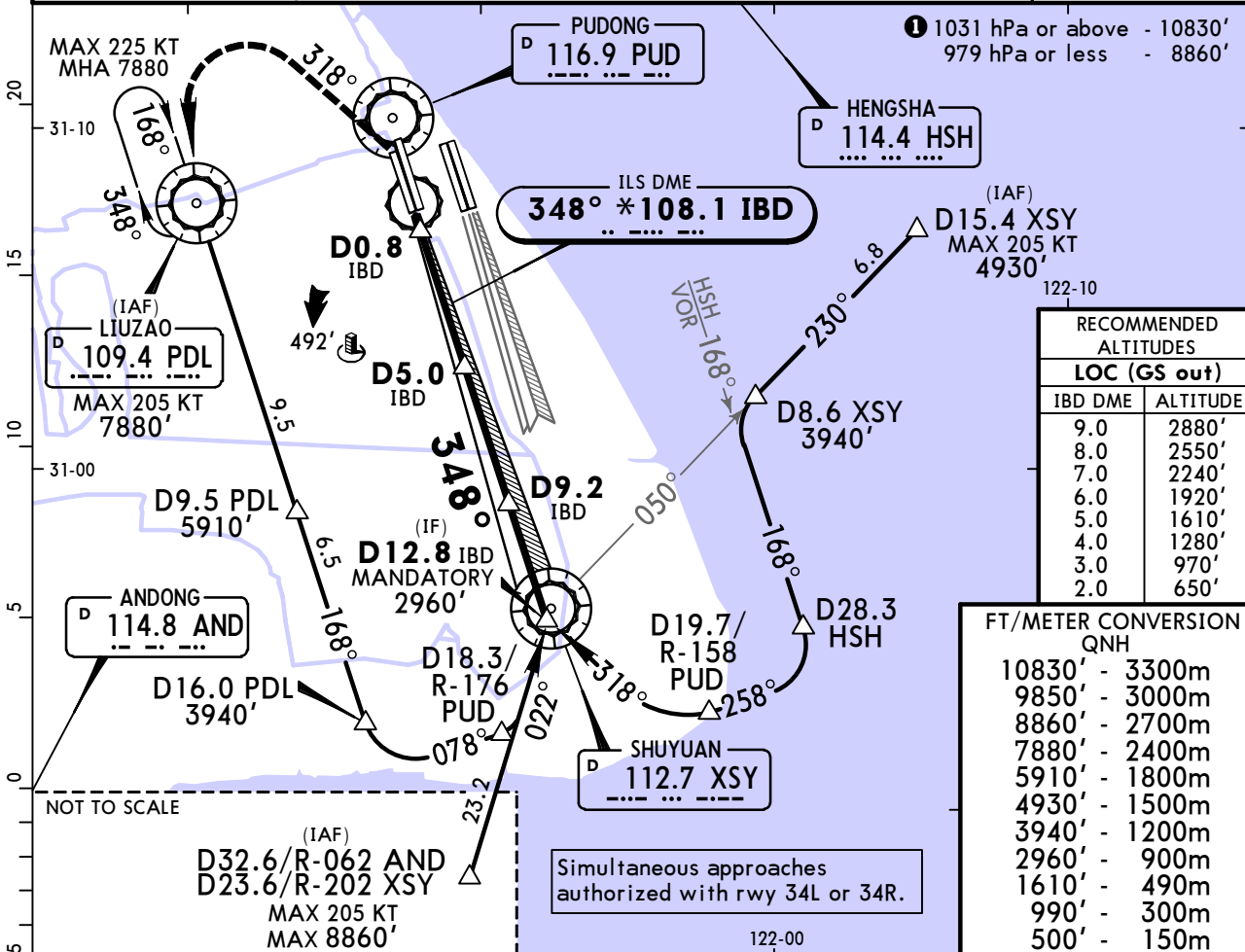
BRIEFING STRIP™

D-ATIS			SHANGHAI Approach (R)							
127.85 (Chinese 128.65)			APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08
120.3X			125.4	125.85X	123.8X	126.65	126.3X	121.1X	127.75X	
SHANGHAI Approach (R)			PUDONG Tower		Ground					
APP09	APP10	APP11	TWR01	GND01	GND02	*GND03	*GND04			
121.375X	125.625X	119.075X	118.8	121.7	121.8	121.875	121.625			
LOC	Final	D9.2 IBD		ILS		Apt Elev 12'				
IBD	Apch Crs	MANDATORY		DA(H)		Rwy 12'				
*108.1	348°	2960' (2948')		212' (200')						
MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn LEFT on track 318° to 990', then turn LEFT to PDL VOR at 2960', approach again or join holding and as directed. Turns MAX 205 KT.										
Alt Set: hPa			Rwy Elev: 0 hPa		Trans level: FL118			Trans alt: 9850' ①		

MSA PUD VOR



MSA PUD VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS	Turns	500'	318°	990'
ILS GS or LOC Desc Angle	3.00°	372	478	531	637	743	849	PAPI	205 KT MAX	↑	LT
MAP at D0.8 IBD											

State				STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
ILS				LOC (GS out) CDFA		West of RWY only	
DA(H) 212' (200')				MDA(H) 500' (488')			
ALS out				ALS out			
A				Max KT			
B				100		690' (678') V2800m	
C				135		690' (678') V3200m	
D				180		790' (778') V4400m	
				205		920' (908') V4800m	

① R800m when a Flight Director or Autopilot or HUD to DA is not used.

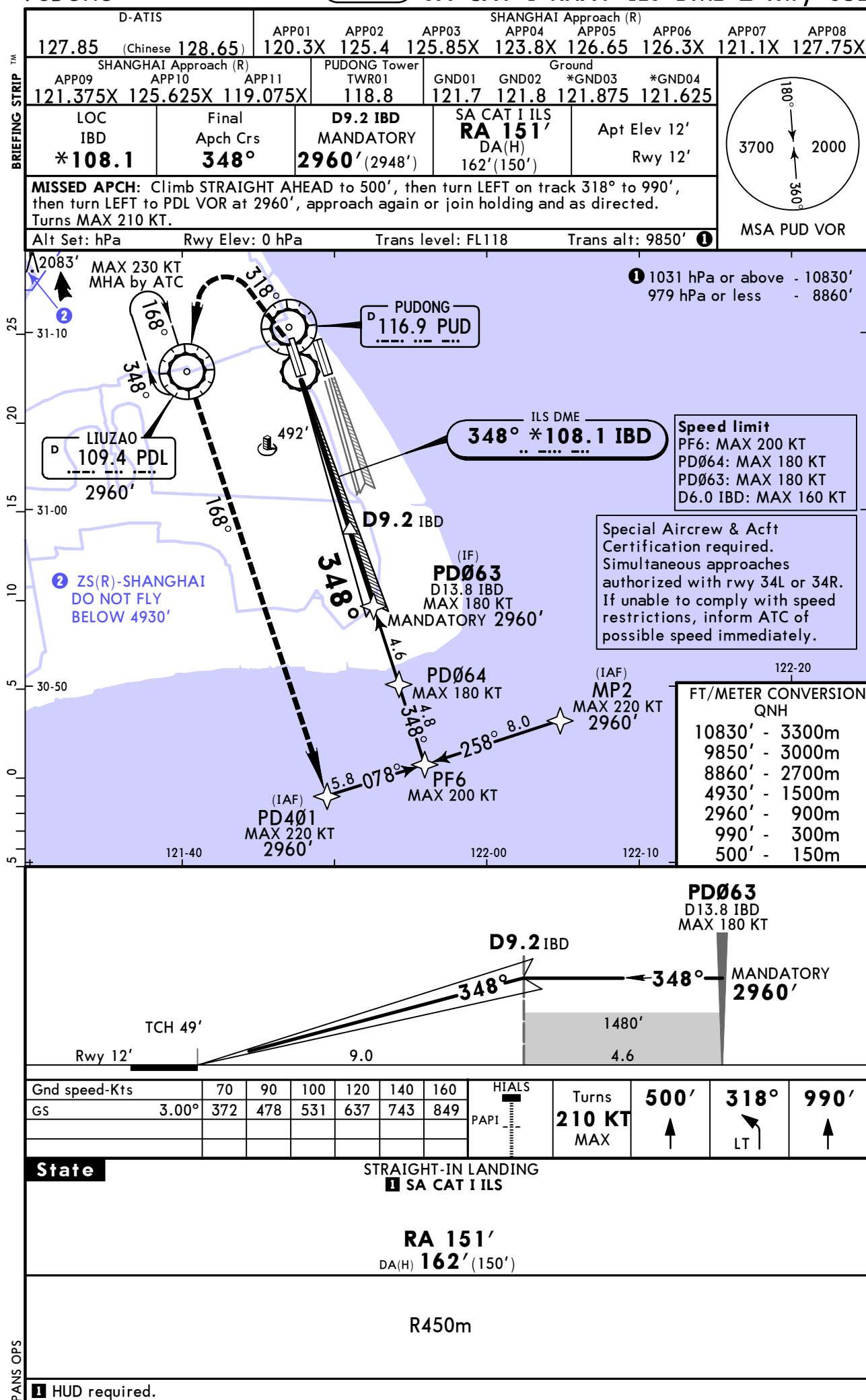
CHANGES: New AOM format.

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ZSPD/PVG
PUDONG

JEPPesen
11 OCT 24 (21-16A)

SHANGHAI, PR OF CHINA
SA CAT I RNAV ILS DME Z Rwy 35L



ZSPD/PVG
PUDONG

JEPPESSEN
11 OCT 24 (21-16B)

SHANGHAI, PR OF CHINA
SA CAT I ILS DME Y Rwy 35L

BRIEFING STRIP™

D-ATIS		SHANGHAI Approach (R)							
127.85 (Chinese 128.65)		APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08
120.3X 125.4		125.85X	123.8X	126.65	126.3X	121.1X	127.75X		
SHANGHAI Approach (R)			PUDONG Tower		Ground				
APP09	APP10	APP11	TWR01	GND01	GND02	*GND03	*GND04		
121.375X	125.625X	119.075X	118.8	121.7	121.8	121.875	121.625		
LOC	Final	D9.2 IBD	SA CAT I ILS	Apt Elev 12'					
IBD	Apch Crs	MANDATORY	RA 151'	Rwy 12'					
*108.1	348°	2960' (2948')	DA(H)						
162' (150')									
MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn LEFT on track 318° to 990', then turn LEFT to PDL VOR at 2960', approach again or join holding and as directed. Turns MAX 205 KT.									
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: FL118		Trans alt: 9850'		①	

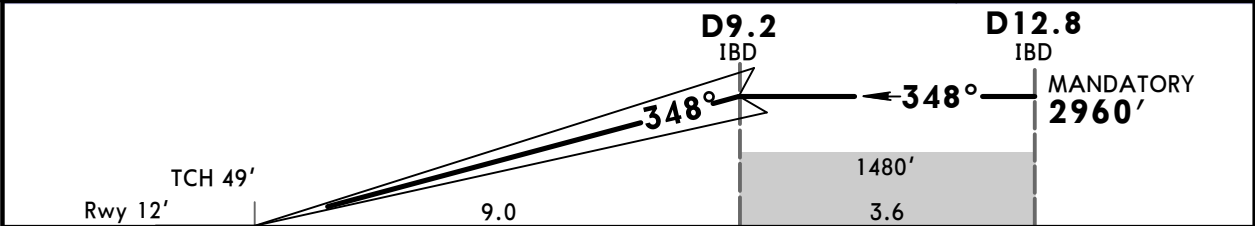
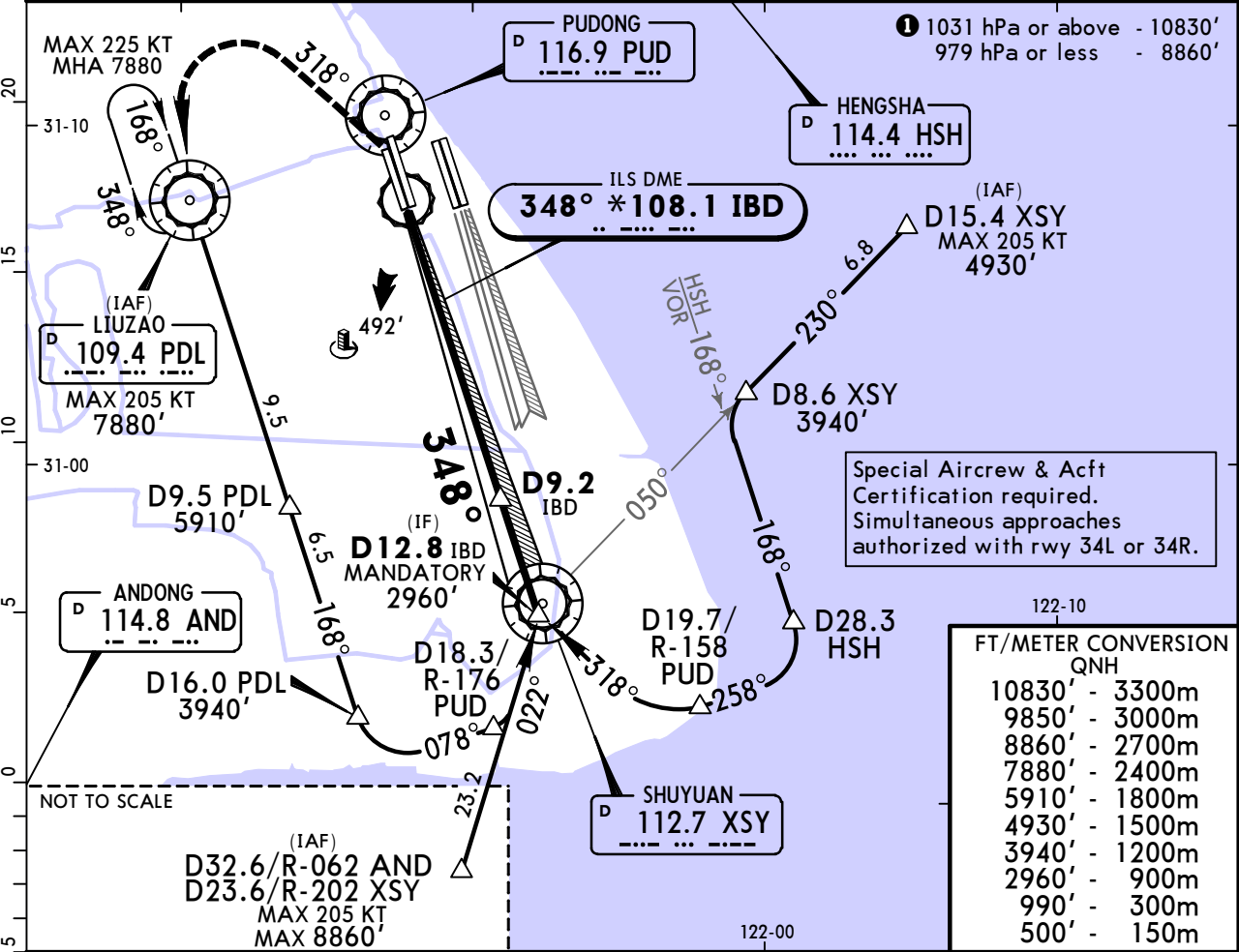
180°

3700

2000

360°

MSA PUD VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS	Turns	500'	318°	990'
GS	3.00°	372	478	531	637	743	849	205 KT MAX	↑	LT	↑

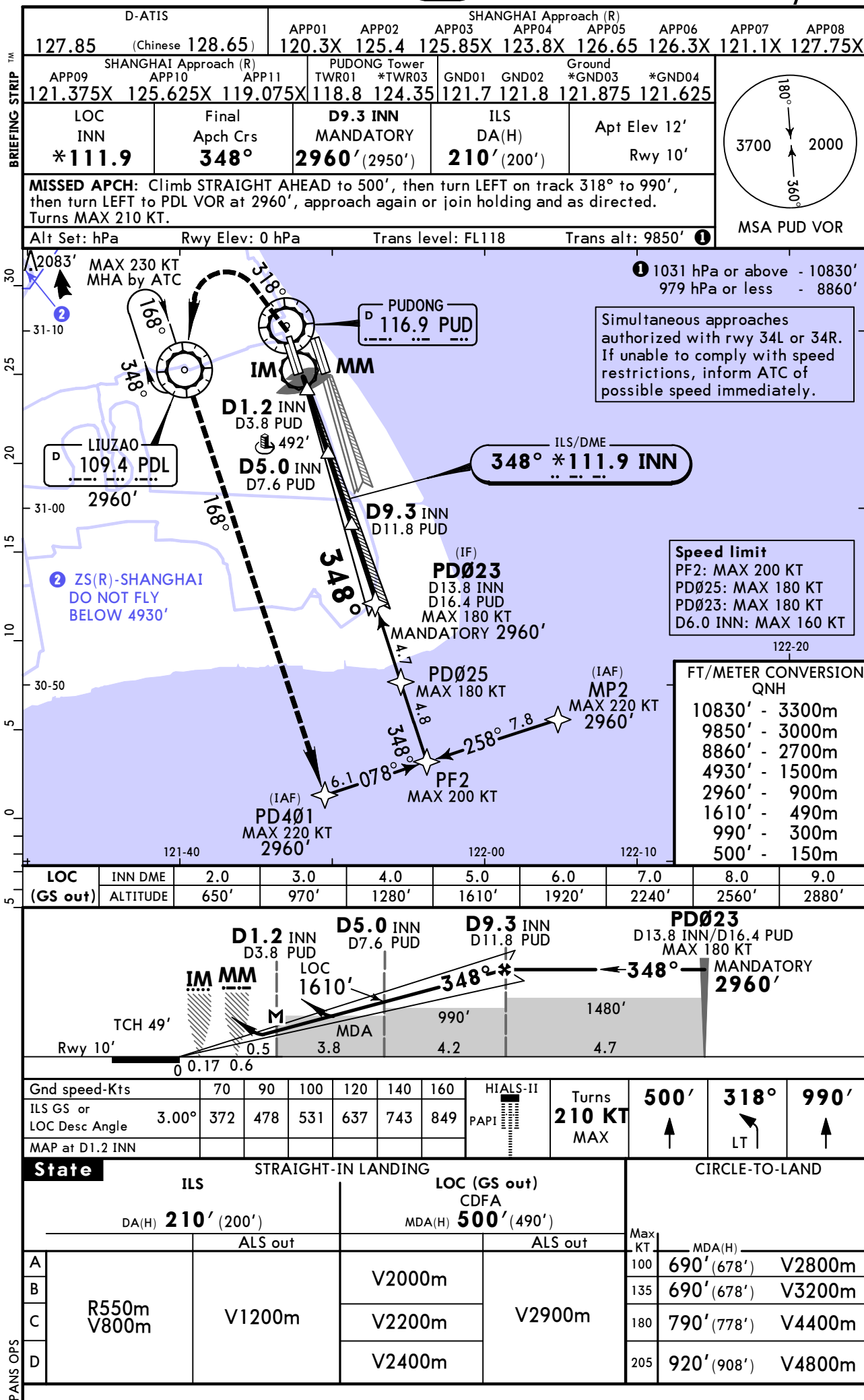
State											
STRAIGHT-IN LANDING											
SA CAT I ILS											
RA 151'											
DA(H) 162' (150')											
R450m											
HUD required.											

ZSPD/PVG
PUDONG

11 OCT 24

(21-17)

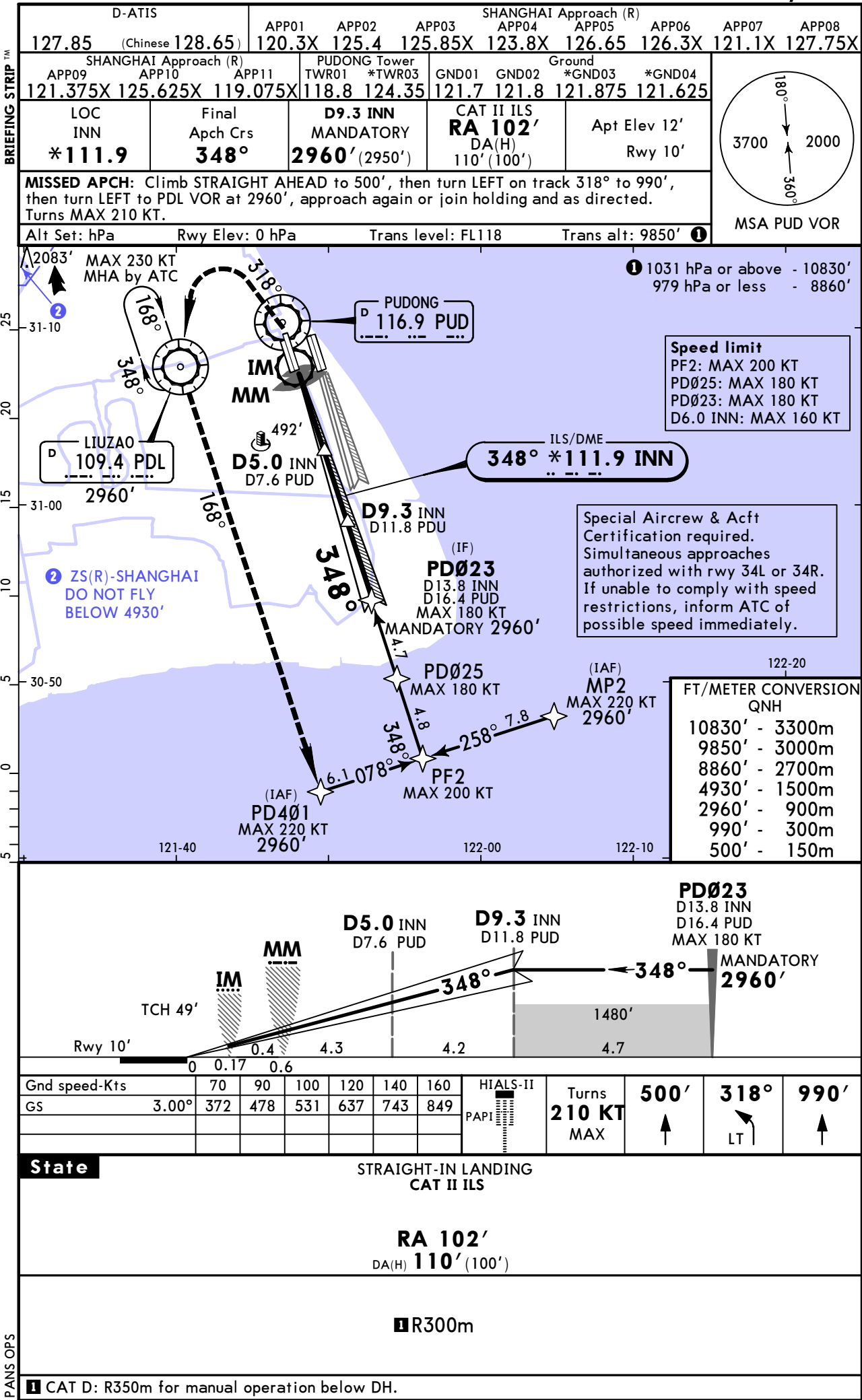
JEPPESSEN SHANGHAI, PR OF CHINA
RNAV ILS DME Z Rwy 35R



ZSPD/PVG
PUDONG

11 OCT 24

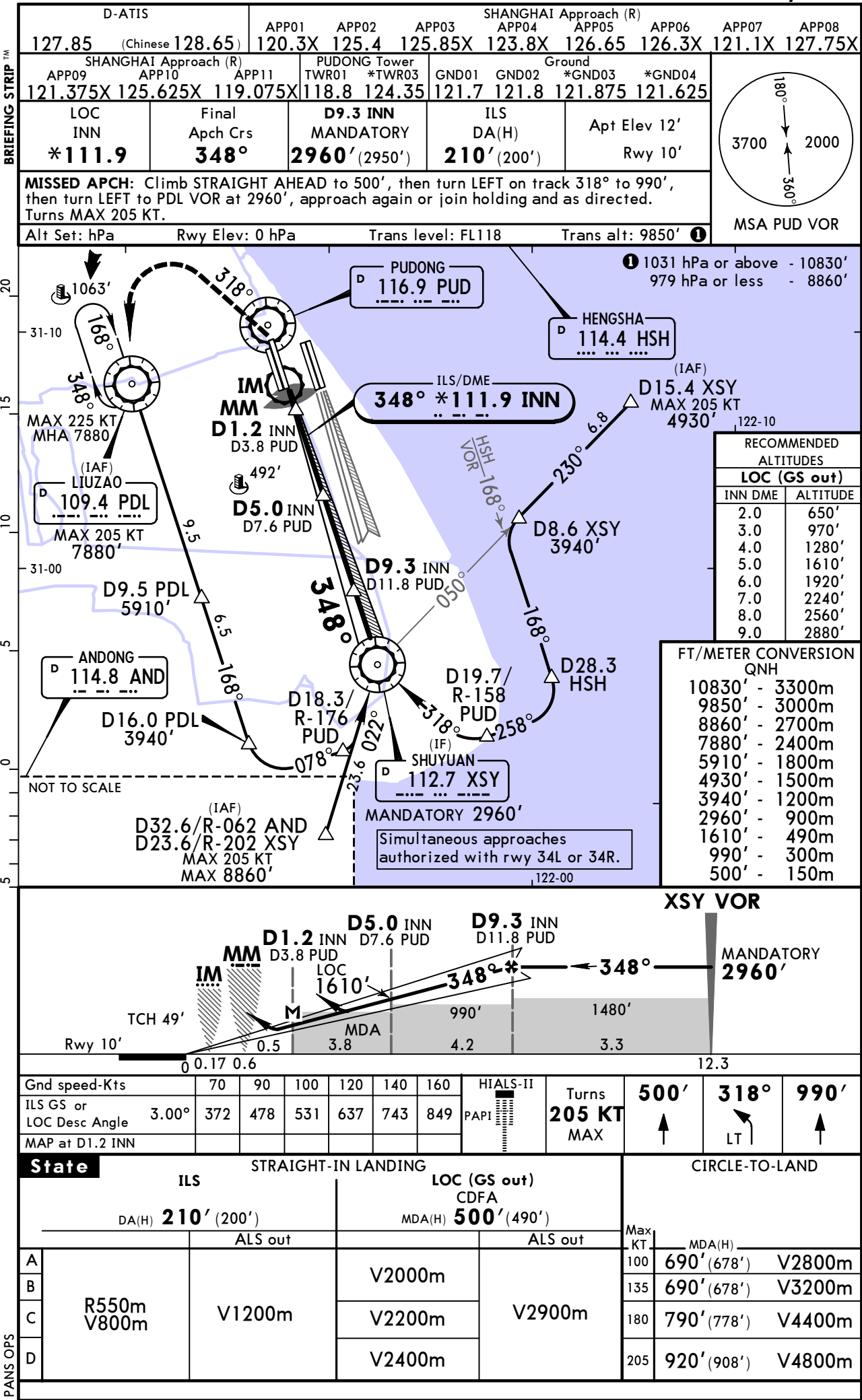
JEPPESSEN SHANGHAI, PR OF CHINA
(21-17A) CAT II RNAV ILS DME Z Rwy 35R



ZSPD/PVG
PUDONG

11 OCT 24 (21-18)

JEPPESSEN SHANGHAI, PR OF CHINA
ILS DME Y Rwy 35R



ZSPD/PVG
PUDONG

11 OCT 24 **21-18A** CAT II ILS DME Y Rwy 35R

D-ATIS

127.85 (Chinese 128.65)

APP01

120.3X

APP02

125.4

APP03

125.85X

SHANGHAI Approach (R)

APP04

123.8X

APP05

126.65

APP06

126.3X

APP07

121.1X

APP08

127.75X

SHANGHAI Approach (R)

APP09

121.375X

APP10

125.625X

APP11

119.075X

PUDONG Tower

TWR01

118.8

*TWR03

124.35

GND01

121.7

GND02

121.8

Ground

*GND03

121.875

*GND04

121.625

LOC

INN

*111.9

Final

Apch Crs

348°

D9.3 INN

MANDATORY

2960' (2950')

CAT II ILS

RA 102'

DA(H)

110' (100')

Apt Elev 12'

Rwy 10'

MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn LEFT on track 318° to 990', then turn LEFT to PDL VOR at 2960', approach again or join holding and as directed. Turns MAX 205 KT.

Alt Set: hPa Rwy Elev: 0 hPa Trans level: FL118 Trans alt: 9850' **1**

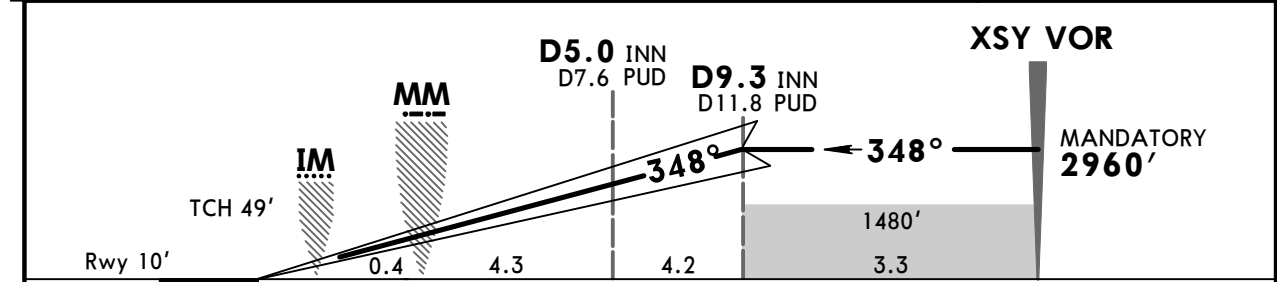
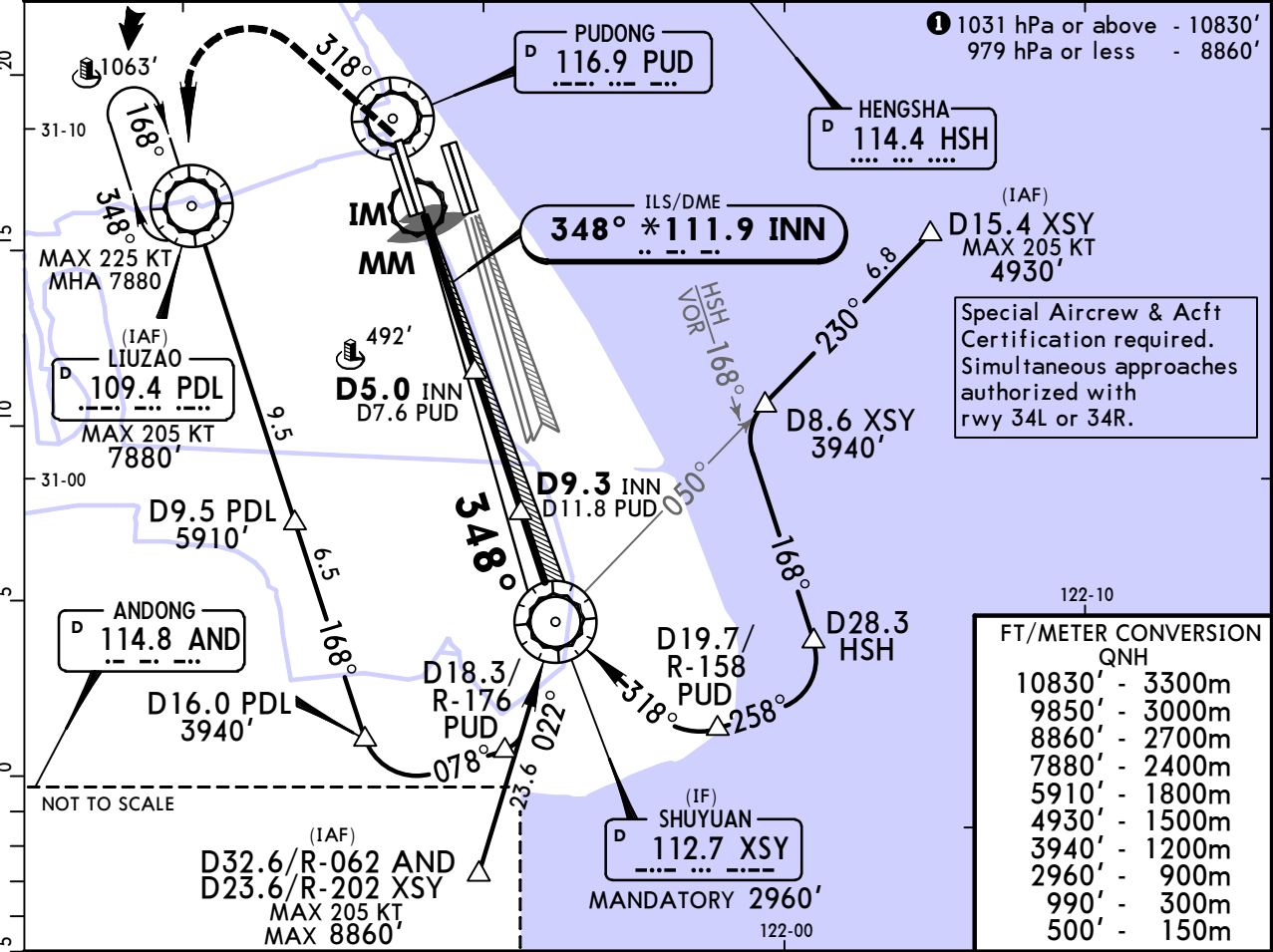
180°

3700

2000

360°

MSA PUD VOR



Gnd speed-Kts	70	90	100	120	140	160
GS	3.00°	372	478	531	637	743

HIALS-II

PAPI

Turns

205 KT

MAX

500'

318°

990'

LT

↑

State

STRAIGHT-IN LANDING

CAT II ILS

RA 102'

DA(H) 110' (100')

R300m

CAT D: R350m for manual operation below DH.

ZSPD/PVG
PUDONG

11 OCT 24 (21-18B) SA CAT I RNAV ILS DME Z Rwy 35R

JEPPESSEN

SHANGHAI, PR OF CHINA

D-ATIS

127.85 (Chinese 128.65)

APP01

120.3X

APP02

125.4

APP03

125.85X

SHANGHAI Approach (R)

APP04

123.8X

APP05

126.65

APP06

126.3X

APP07

121.1X

APP08

127.75X

SHANGHAI Approach (R)

APP09

121.375X

APP10

125.625X

APP11

119.075X

PUDONG Tower

TWR01

118.8

*TWR03

124.35

GND01

121.7

GND02

121.8

Ground

*GND03

121.875

*GND04

121.625

LOC

INN

*111.9

Final

Apch Crs

348°

D9.3 INN

MANDATORY

2960' (2950')

SA CAT I ILS

RA 151'

DA(H)

160' (150')

Apt Elev 12'

Rwy 10'

MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn LEFT on track 318° to 990', then turn LEFT to PDL VOR at 2960', approach again or join holding and as directed. Turns MAX 210 KT.

Alt Set: hPa Rwy Elev: 0 hPa Trans level: FL118 Trans alt: 9850' ①

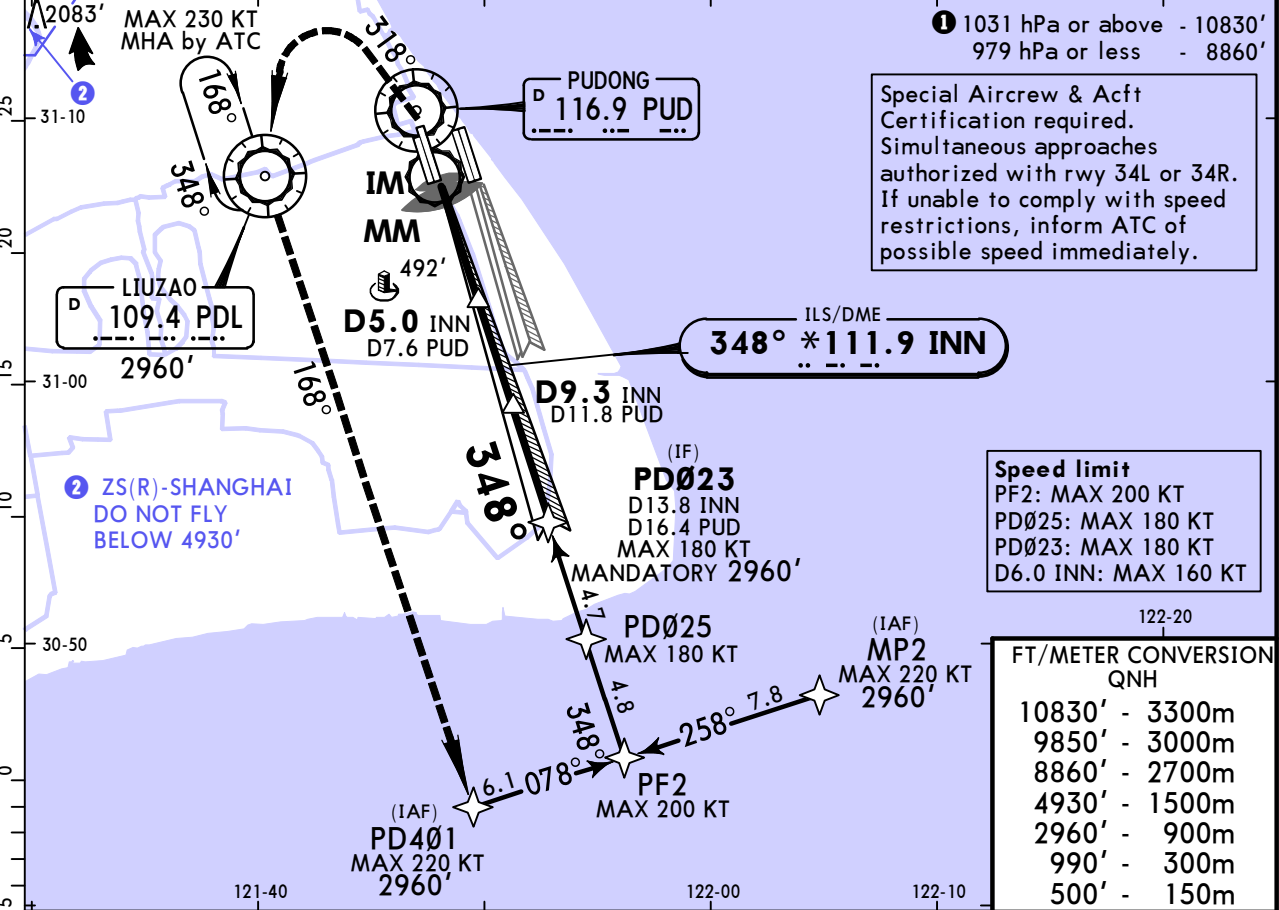
MSA PUD VOR

180°

3700

2000

360°



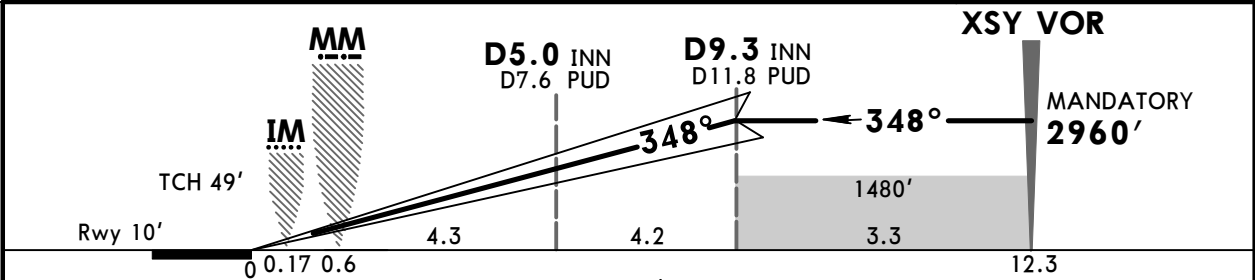
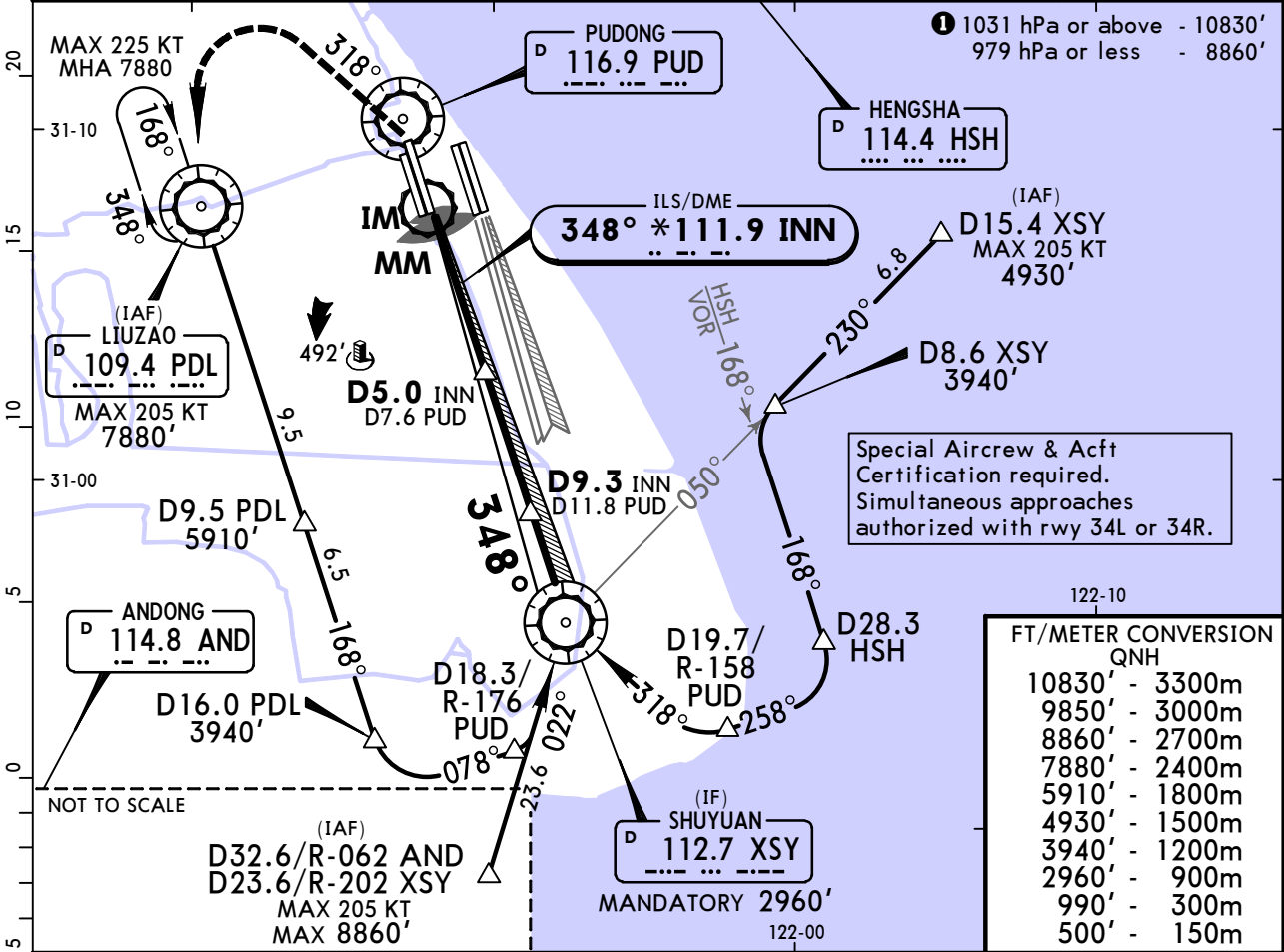
ZSPD/PVG
PUDONG

11 OCT 24 (21-18C) SA CAT I ILS DME Y Rwy 35R



JEPPESSEN SHANGHAI, PR OF CHINA

BRIEFING STRIP™	D-ATIS		SHANGHAI Approach (R)							
	127.85 (Chinese 128.65)		APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08
	120.3X 125.4		125.85X	123.8X	126.65	126.3X	121.1X	127.75X		
	SHANGHAI Approach (R) APP09 APP10		PUDONG Tower TWR01 *TWR03		Ground GND01 GND02		*GND03 *GND04			
	121.375X 125.625X 119.075X		118.8 124.35		121.7 121.8		121.875 121.625			
	LOC INN	Final Apch Crs	D9.3 INN MANDATORY		SA CAT I ILS RA 151' DA(H) 160'(150')		Apt Elev 12' Rwy 10'			
	*111.9		348°		2960' (2950')					
MISSED APCH: Climb STRAIGHT AHEAD to 500', then turn LEFT on track 318° to 990', then turn LEFT to PDL VOR at 2960', approach again or join holding and as directed. Turns MAX 205 KT.										 MSA PUD VOR
Alt Set: hPa Rwy Elev: 0 hPa Trans level: FL118 Trans alt: 9850' ①										



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II		Turns	500'	318°	990'
GS	3.00°	372	478	531	637	743	849	PAPI	205 KT MAX	↑	LT	↑

State

STRAIGHT-IN LANDING
SA CAT I ILS

RA 151'
DA(H) 160' (150')

R450m

HUD required.

CHANGES: New AOM format.

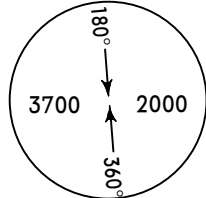
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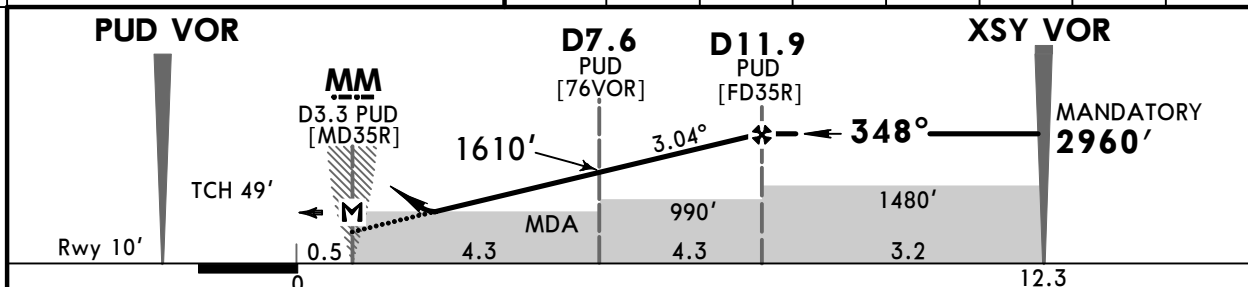
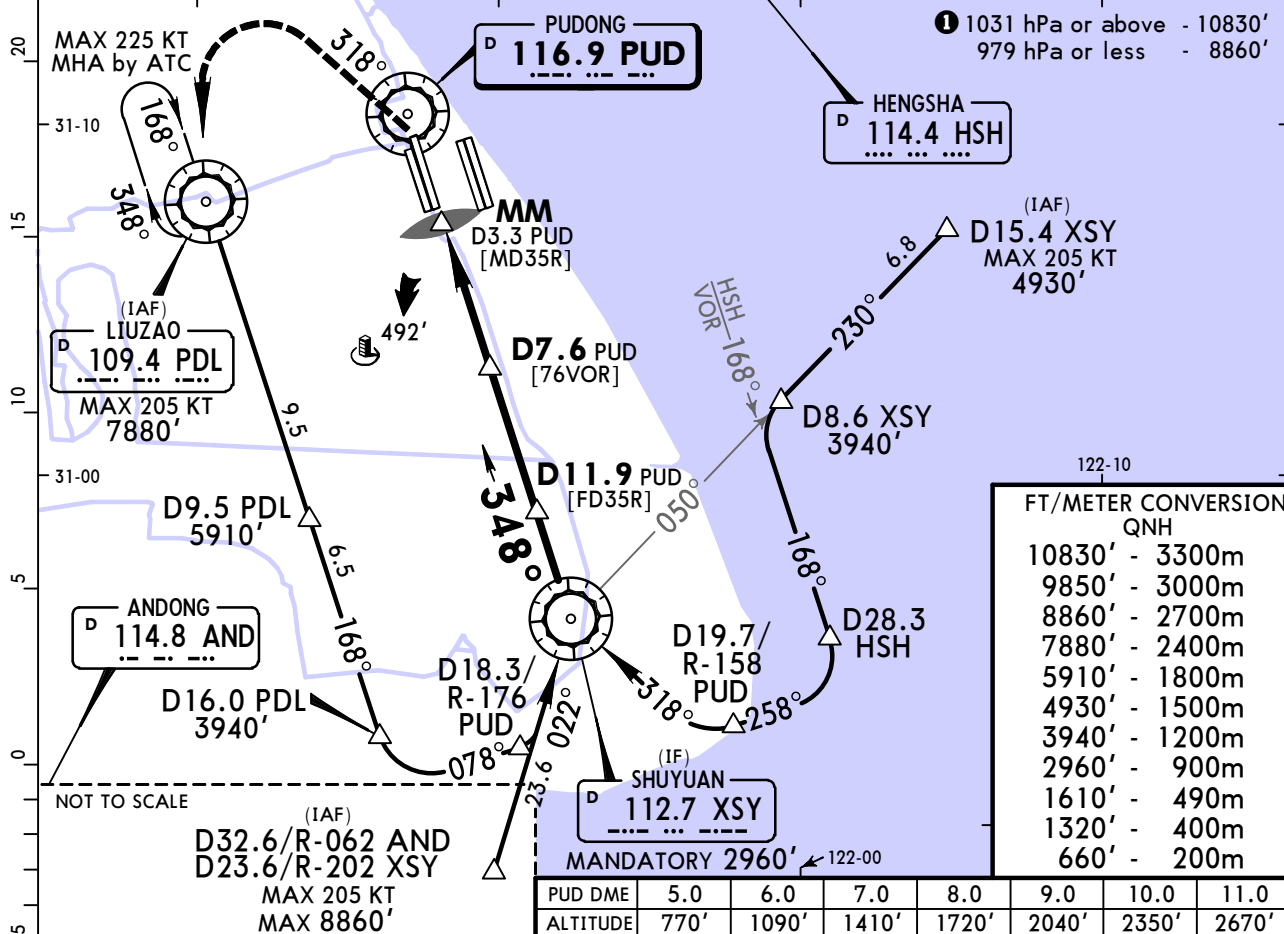
ZSPD/PVG
PUDONG

11 OCT 24 (23-2)

SHANGHAI, PR OF CHINA
VOR DME Rwy 35R

BRIEFING STRIP

D-ATIS			SHANGHAI Approach (R)							
127.85	(Chinese 128.65)	APP01	APP02	APP03	APP04	APP05	APP06	APP07	APP08	
		120.3X	125.4	125.85X	123.8X	126.65	126.3X	121.1X	127.75X	
SHANGHAI Approach (R)			PUDONG Tower		Ground					
APP09	APP10	APP11	TWR01	*TWR03	GND01	GND02	*GND03	*GND04		
121.375X	125.625X	119.075X	118.8	124.35	121.7	121.8	121.875	121.625		
VOR	Final	D11.9 PUD		MDA(H)		Apt Elev 12'				
PUD	Apch Crs	MANDATORY		500' (490')		Rwy 10'				
116.9	348°	2960' (2950')								
MISSED APCH: Climb STRAIGHT AHEAD to 660', then turn LEFT on track 318° to 1320', then turn LEFT to PDL VOR at 2960', approach again or join holding and as directed. Turns MAX 205 KT.										
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: FL118		Trans alt: 9850'		①		



Gnd speed-Kts	70	90	100	120	140	160	<div>HIALS-II</div> <div>PAPI</div>	Turns 205 KT MAX	660' ↑	318° LT	1320' ↑
Descent Angle 3.04°	376	484	538	645	753	861					
MAP at MM/D3.3 PUD											

State		STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
		CDFA			
		MDA(H) 500' (490')			
		ALS out		Max	
A	V2000m	V2800m	100	MDA(H) 690' (678')	V2800m
B			135	690' (678')	V3200m
C	180		790' (778')	V4400m	
D	205		920' (908')	V4800m	