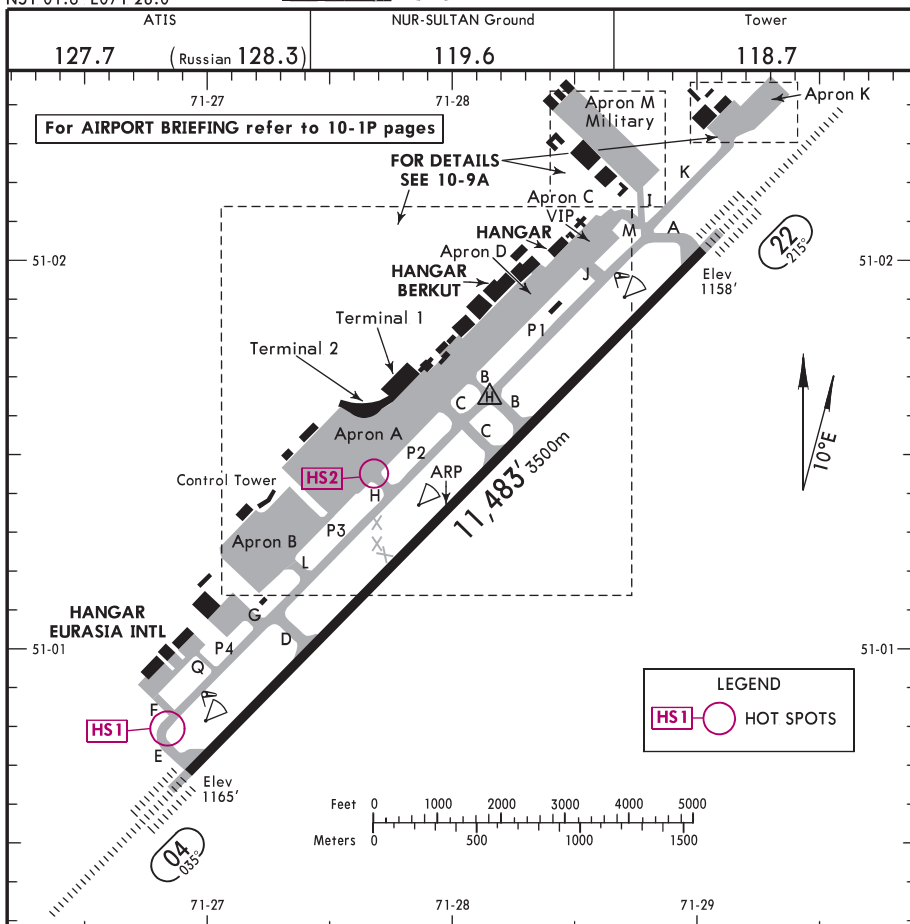


UACC/NQZ
Apt Elev 1166'
NS1 01.3 E071 28.0

28 AUG 20
Eff 10 Sep (10-9)

JEPPESEN NUR-SULTAN, KAZAKHSTAN
NURSULTAN NAZARBAYEV INTL



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS			WIDTH
		LANDING	BEYOND	TAKE-OFF	
		Threshold	Glide Slope		
04 22	HIRL ① CL ② HIALS-II TDZ PAPI-L(3.0°) RVR		10,389' 3167m		148' 45m

① (60m) ② (15m)

HOT SPOTS (For information only, not to be construed as ATC instructions.)

HS1 HS1 Rwy 04 holding position is set on Twy P.

HS2 HS2 Twy H intersect roadway.

Std

TAKE-OFF

HIRL & CL (spacing 15m or less) & relevant RVR	RL & CL & relevant RVR	RL & CL	RL & RCLM		RL or CL	RL or RCLM	Adequate Vis Ref	
			DAY	NIGHT			DAY	NIGHT
TDZ R125m Mid R125m Rollout R125m	TDZ R150m Mid R150m Rollout R150m	R200m	R300m		R400m	R/V500m	NA	

INTENTIONALLY

LEFT

BLANK

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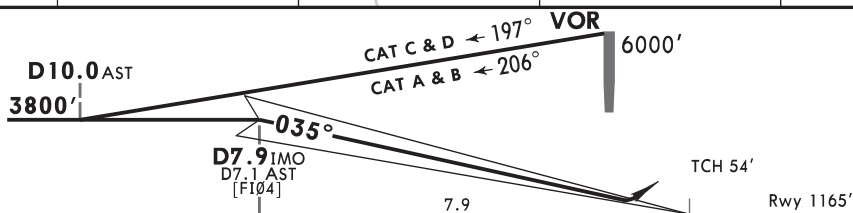
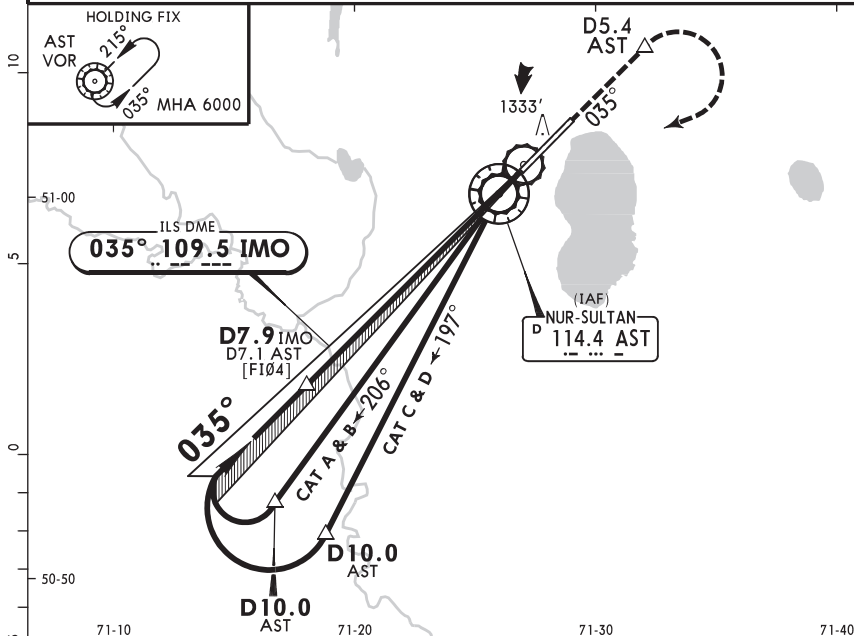
NUR-SULTAN, KAZAKHSTAN

(11-1)

28 AUG 20
Eff 10 Sep

ILS DME Z Rwy 04

ATIS		NUR-SULTAN Approach	NUR-SULTAN Radar	NUR-SULTAN Tower	Ground
127.7 (Russian 128.3)		124.6	120.7	118.7	119.6
LOC IMO 109.5	Final Apch Crs 035°	D7.9 IMO 3800' (2635')	DA(H) 1365' (200')	Apt Elev 1166' Rwy 1165'	3000
MISSED APCH: Climb on track 035° to 2100' or above outbound to D5.4 AST, then turn RIGHT (MAX 240 KT) to VOR. Climb initially to 3800', then as directed by ATC. MISSED APCH WITH COMM FAILURE: Climb to 6000' to VOR and hold.					MSA AST VOR
Alt Set: hPa (MM on req)		Rwy Elev: 42 hPa	Trans level: FL120		Trans alt: 10000'
ILS DME reads zero at rwy 04 threshold.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	2100'	on 035°	D5.4 AST
Gs	3.00°	372	478	531	637	743	849	PAPI		

STRAIGHT-IN LANDING		
ILS		
DA(H) 1365' (200')		
FULL	TDZ or CL out	ALS out
A	R550m	R1200m
B	R550m	R1200m
C	R550m	R1200m
D	R550m	R1200m

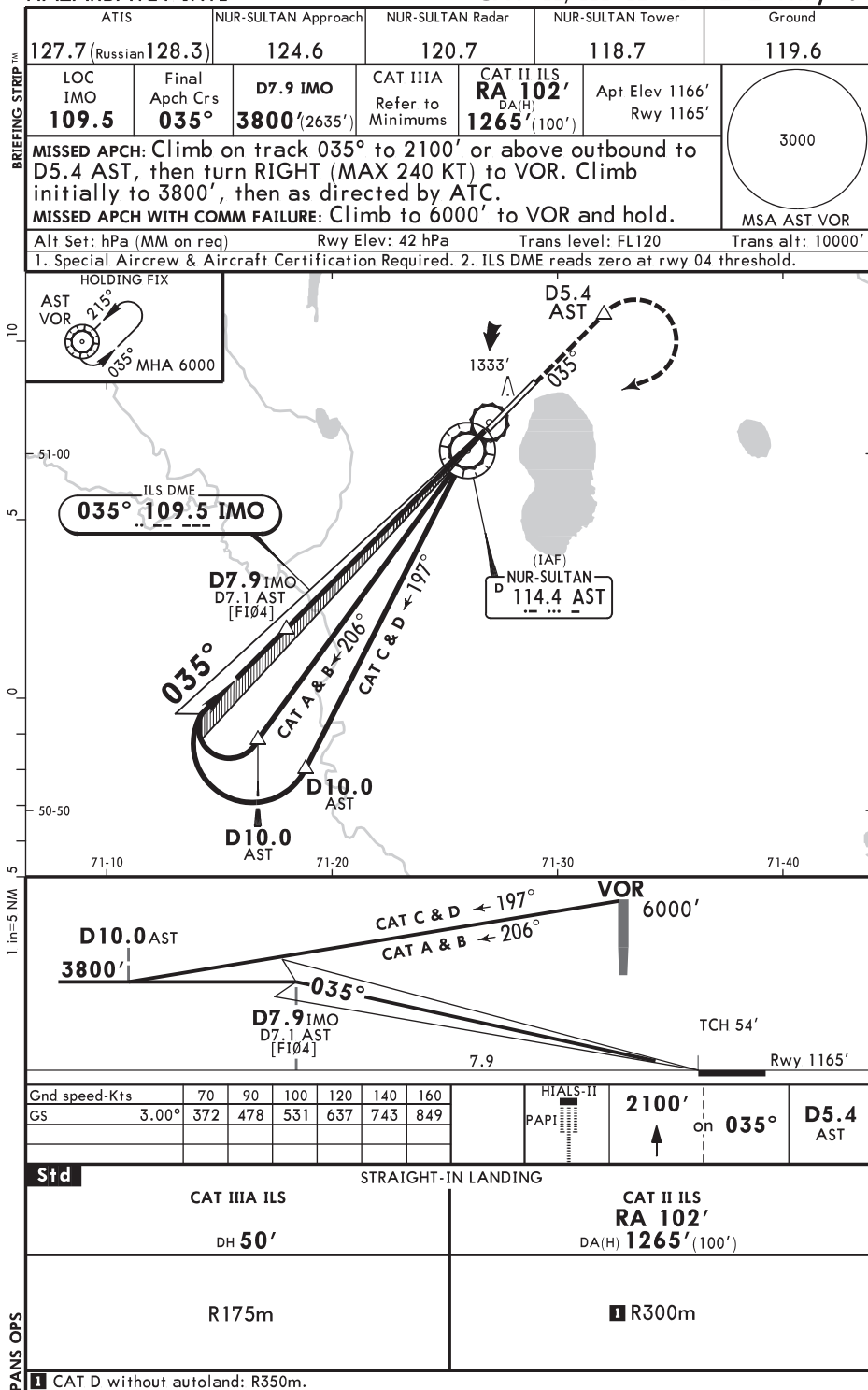
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.

CHANGES: IATA. State minimums withdrawn. New AOM concept.

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JEPPESSEN NUR-SULTAN, KAZAKHSTAN
 28 AUG 20 **(11-1A)** **Eff 10 Sep**
CAT II/III ILS DME Z Rwy 04



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NURSULTAN NAZARBAYEV INTL



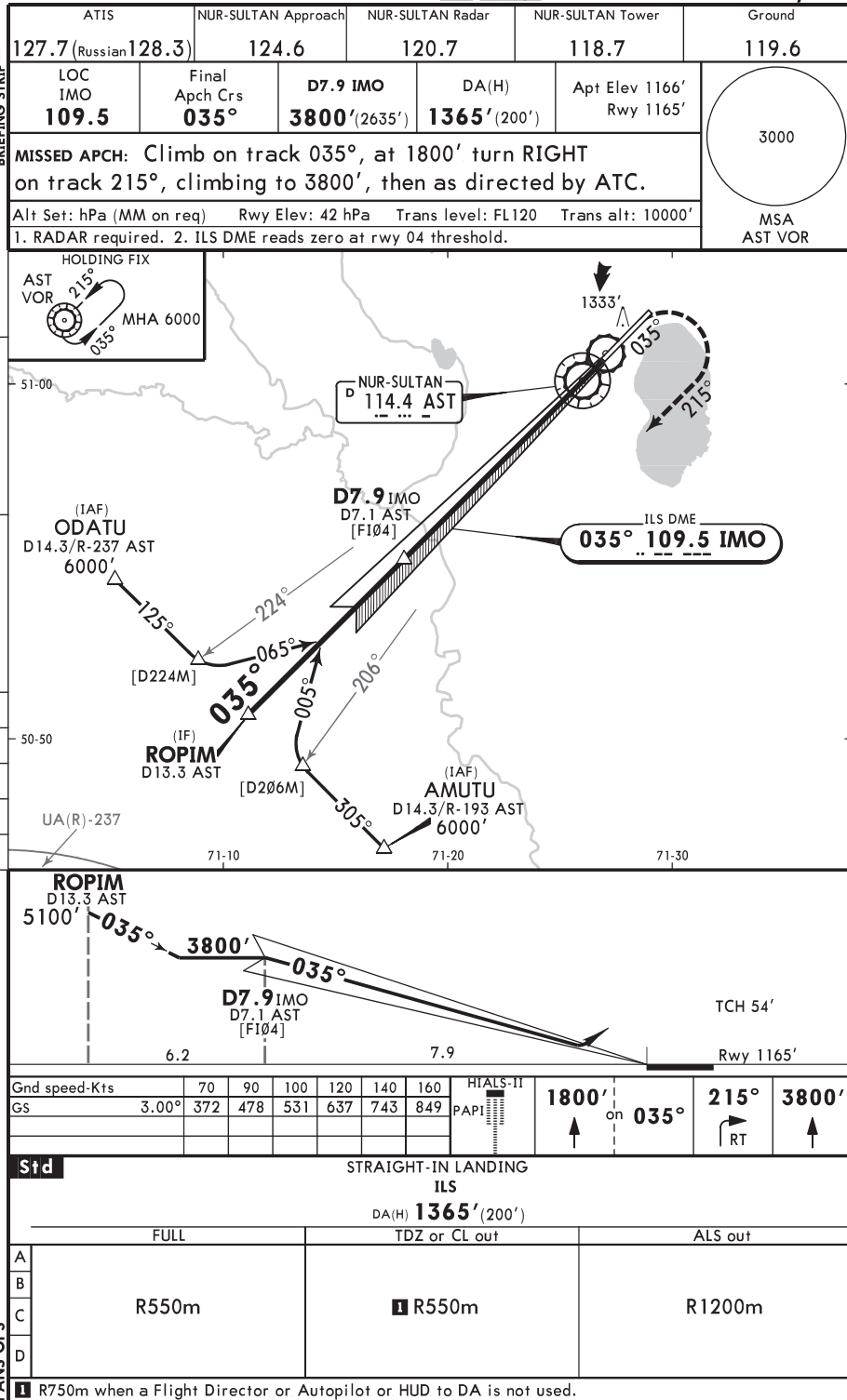
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NUR-SULTAN, KAZAKHSTAN

(11-2)

28 AUG 20
Eff 10 Sep

ILS DME Y Rwy 04



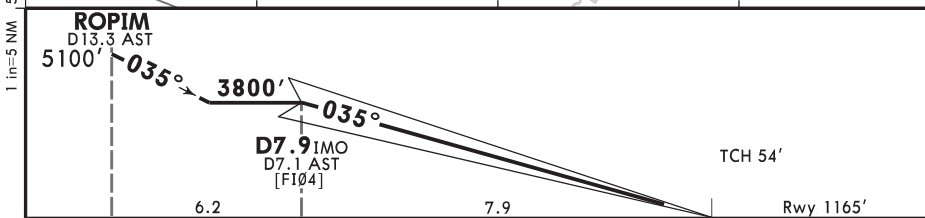
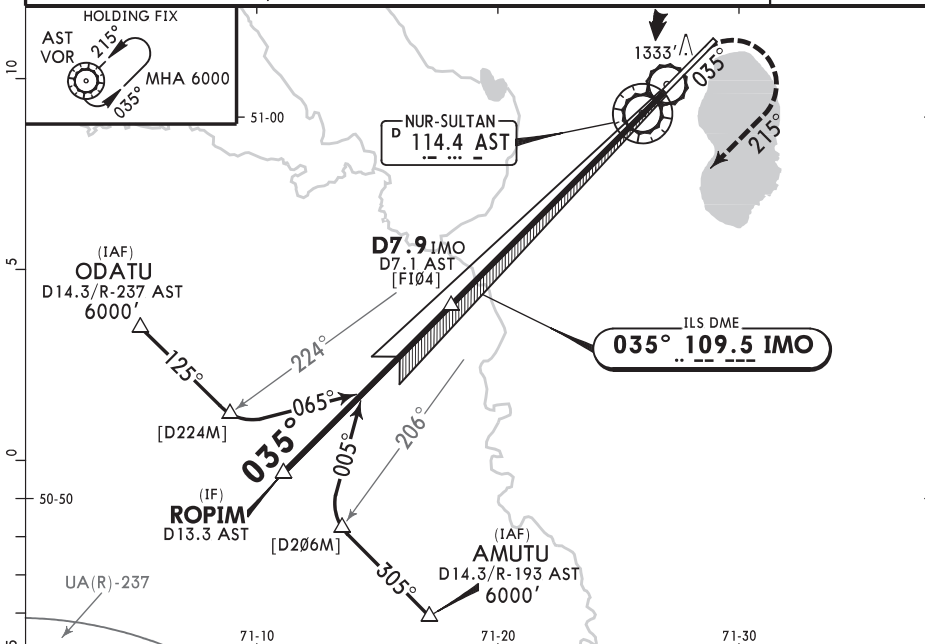
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NURSULTAN
NAZARBAYEV INTL

JEPPESEN
 28 AUG 20 **11-2A** Eff 10 Sep

NUR-SULTAN, KAZAKHSTAN

CAT II/III ILS DME Y Rwy 04

ATIS		NUR-SULTAN Approach		NUR-SULTAN Radar		NUR-SULTAN Tower		Ground			
127.7 (Russian 128.3)		124.6		120.7		118.7		119.6			
LOC IMO 109.5		Final Apch Crs 035°		D7.9 IMO 3800' (2635')		CAT IIIA Refer to Minimums		CAT II ILS RA 102' DA(H) 1265' (100')		Apt Elev 1166' Rwy 1165'	
MISSED APCH: Climb on track 035°, at 1800' turn RIGHT on track 215°, climbing to 3800', then as directed by ATC.										3000 MSA AST VOR	
Alt Set: hPa (MM on req) Rwy Elev: 42 hPa Trans level: FL120 Trans alt: 10000'											
1. RADAR required. 2. Special Aircrew & Aircraft Certification Required. 3. ILS DME reads zero at rwy 04 threshold.											



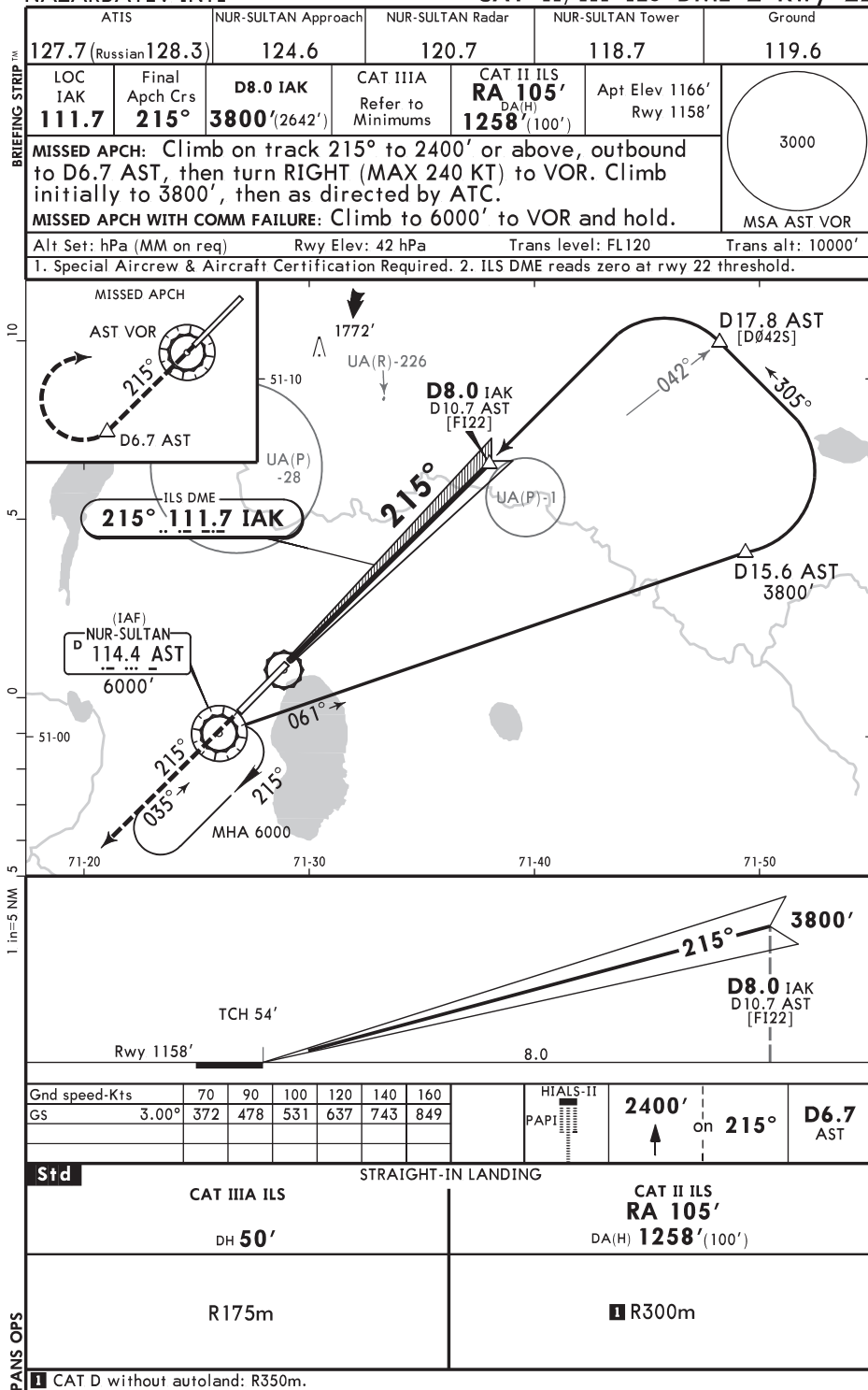
Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1800'	215°	3800'
GS	3.00°	372	478	531	637	743	849	PAP1	1800' on 035°	215° RT

Std	CAT IIIA ILS	STRAIGHT-IN LANDING	CAT II ILS
	DH 50'		RA 102' DA(H) 1265' (100')
	R175m		R300m

1 CAT D without autoland: R350m.

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JEPPESSEN NUR-SULTAN, KAZAKHSTAN
28 AUG 20 **11-3A** **Eff 10 Sep**
CAT II/III ILS DME Z Rwy 22



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NURSULTAN NAZARBAYEV INTL

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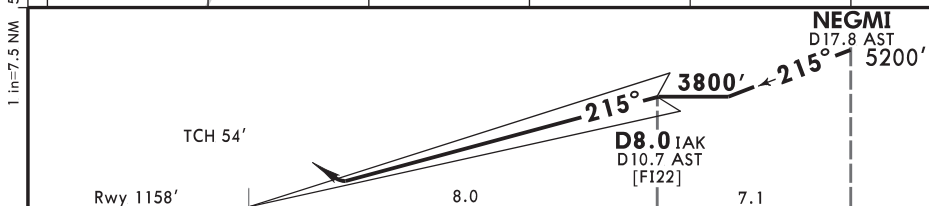
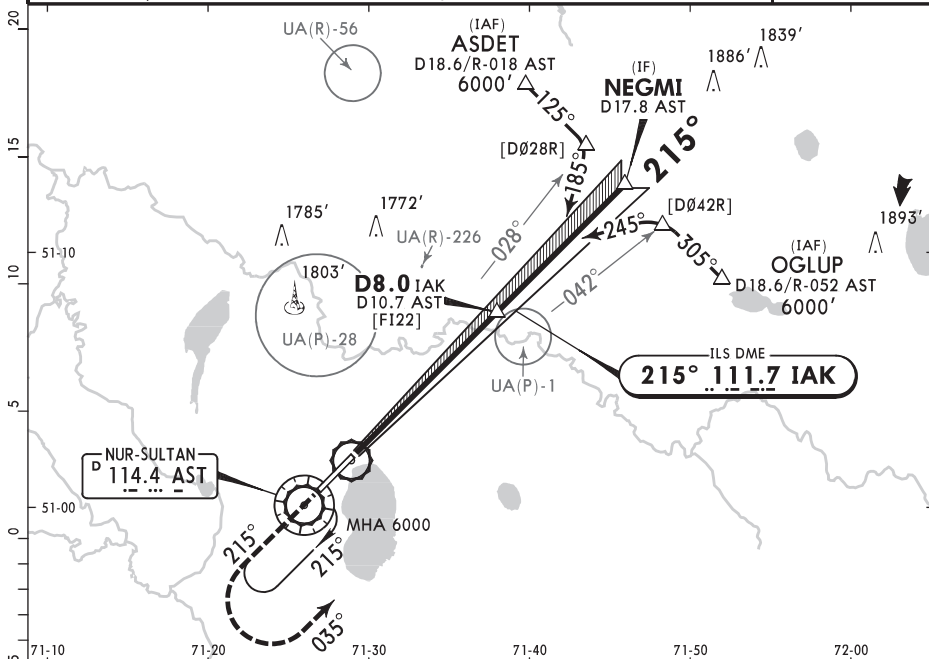
NUR-SULTAN, KAZAKHSTAN

(11-4)

28 AUG 20
Eff 10 Sep

ILS DME Y Rwy 22

ATIS	NUR-SULTAN Approach	NUR-SULTAN Radar	NUR-SULTAN Tower	Ground
127.7 (Russian 128.3)	124.6	120.7	118.7	119.6
LOC IAK	Final Apch Crs	D8.0 IAK	DA(H)	Apt Elev 1166' Rwy 1158'
111.7	215°	3800' (2642')	1358' (200')	
MISSED APCH: Climb on track 215°, at 1800' turn LEFT on track 035°, climbing to 3800', then as directed by ATC.				
Alt Set: hPa (MM on req) Rwy Elev: 42 hPa Trans level: FL120 Trans alt: 10000'				
1. RADAR required. 2. ILS DME reads zero at rwy 22 threshold.				
				3000
				MSA AST VOR



Gnd speed-Kts	70	90	100	120	140	160	HTALS-II	1800' on 215°	035° LT	3800'
Gs	3.00°	372	478	531	637	743	849			

STRAIGHT-IN LANDING ILS		
DA(H) 1358' (200')		
FULL	TDZ or CL out	ALS out
A		
B		
C	R550m	R1200m
D		

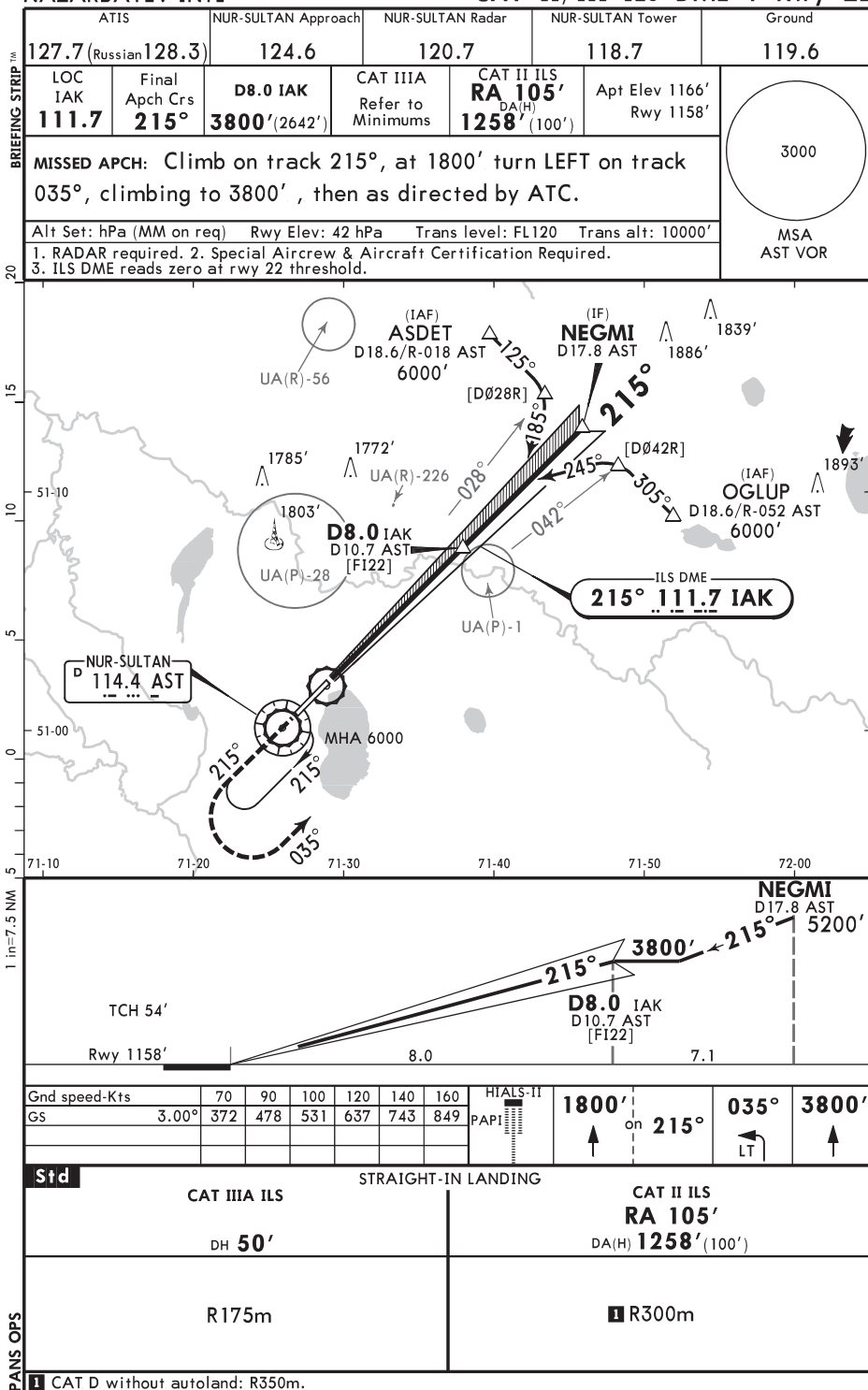
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.

CHANGES: IATA. State minimums withdrawn. New AOM concept.

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JEPPESEN **NUR-SULTAN, KAZAKHSTAN**
 28 AUG 20 **11-4A** **Eff 10 Sep**
CAT II/III ILS DME Y Rwy 22



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NAZARBAYEV INTL

28 AUG 20

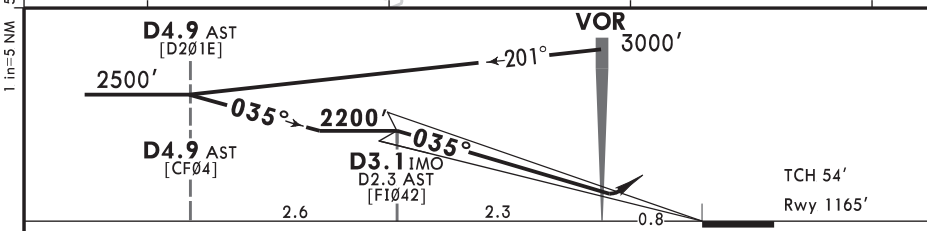
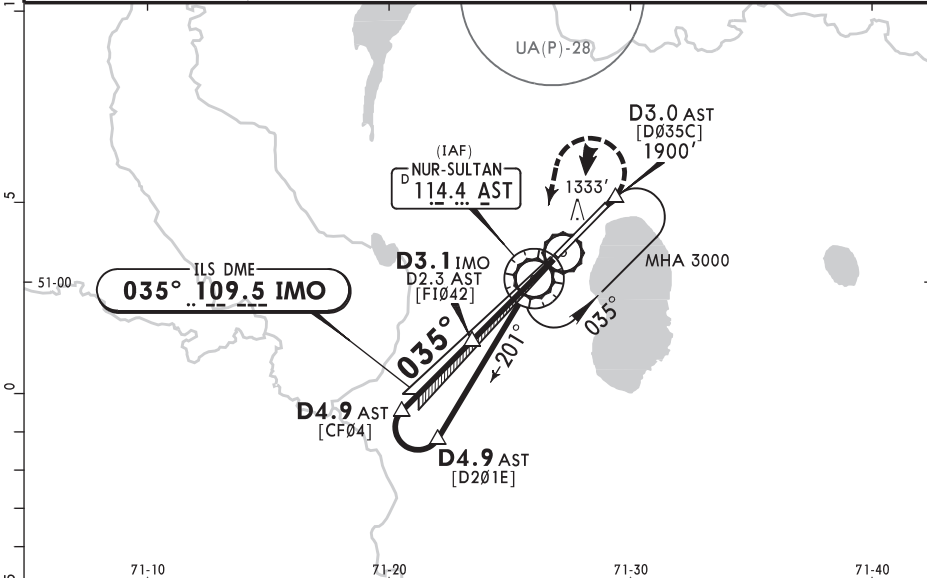
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Eff 10 Sep

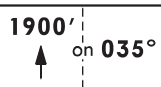
JEPPESEN NUR-SULTAN, KAZAKHSTAN

COPTER ILS DME Rwy 04

BRIEFING STRIP™	ATIS		NUR-SULTAN Approach		NUR-SULTAN Radar		NUR-SULTAN Tower		Ground	
	127.7 (Russian 128.3)		124.6		120.7		118.7		119.6	
	LOC IMO	Final Apch Crs	D3.1 IMO		DA(H)		Apt Elev 1166' Rwy 1165'		3000 MSA AST VOR	
	109.5	035°	2200' (1035')		1365' (200')					
	MISSED APCH: Climb on track 035°, at 1900° or above turn LEFT to AST VOR or directed by ATC. MISSED APCH WITH COMM FAILURE: Climb to 3000' to AST VOR and join to holding pattern.									
Alt Set: hPa (MM on req)			Rwy Elev: 42 hPa			Trans level: FL120			Trans alt: 10000'	
ILS DME reads zero at rwy 04 threshold.										



Gnd speed-Kts	70	90	100	120	140	160
Gs 3.00°	372	478	531	637	743	849



AST VOR
LT

Std

STRAIGHT-IN LANDING

ILS

DA(H) 1365' (200')

	FULL	TDZ or CL out	ALS out
C O P T E R	R550m	R550m	R1200m

R750m when a Flight Director or Autopilot or HUD to DA is not used.

UACC/NQZ NURSULTAN NAZARBAYEV INTL

28 AUG 20

11-6

Eff 10 Sep

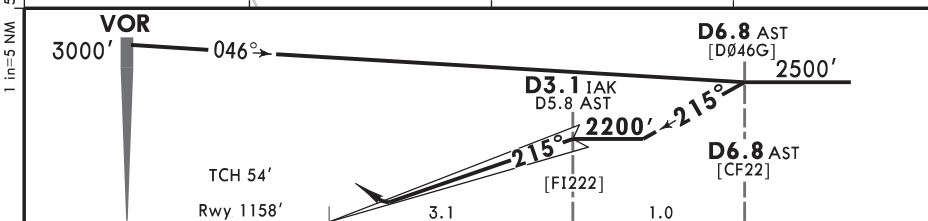
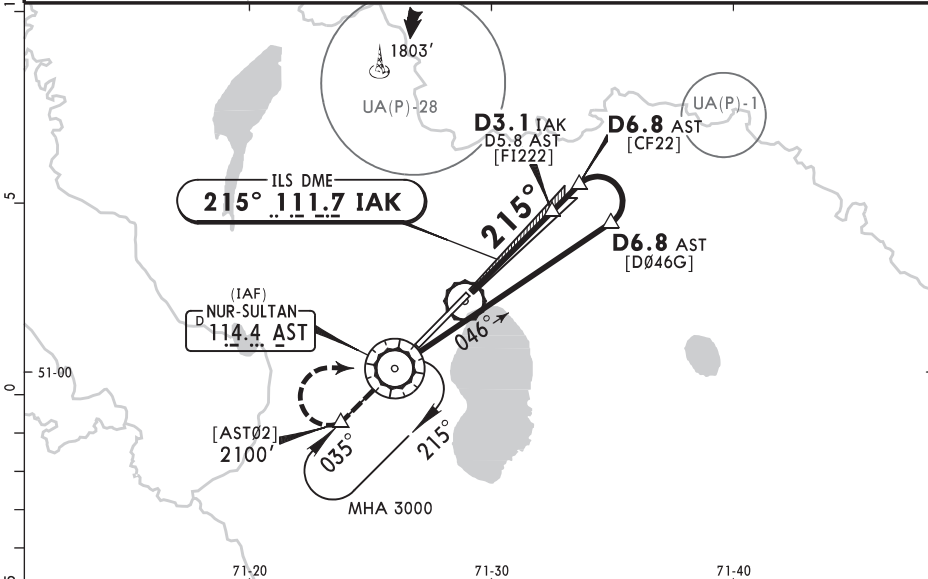
JEPPESEN NUR-SULTAN, KAZAKHSTAN

COPTER ILS DME Rwy 22

BRIEFING STRIP™

ATIS		NUR-SULTAN Approach		NUR-SULTAN Radar		NUR-SULTAN Tower		Ground	
127.7 (Russian 128.3)		124.6		120.7		118.7		119.6	
LOC IAK 111.7		Final Apch Crs 215°		D3.1 IAK 2200' (1042')		DA(H) 1358' (200')		Apt Elev 1166' Rwy 1158'	
MISSED APCH: Climb on track 215°, at 2100' or above turn RIGHT to AST VOR or directed by ATC.								3000 MSA AST VOR	
MISSED APCH WITH COMM FAILURE: Climb to 3000' to AST VOR and join to holding pattern.									
Alt Set: hPa (MM on req)		Rwy Elev: 42 hPa		Trans level: FL120		Trans alt: 10000'			
ILS DME reads zero at rwy 22 threshold.									

0



Gnd speed-Kts	70	90	100	120	140	160	
GS	3.00°	372	478	531	637	743	849

2100' ↑ on 215° ↑	AST VOR RT
---	----------------------------------

Std STRAIGHT-IN LANDING ILS DA(H) 1358' (200')		
FULL	TDZ or CL out	ALS out
R550m	R550m	R1200m

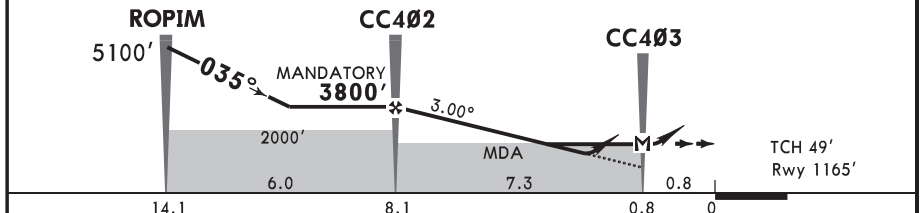
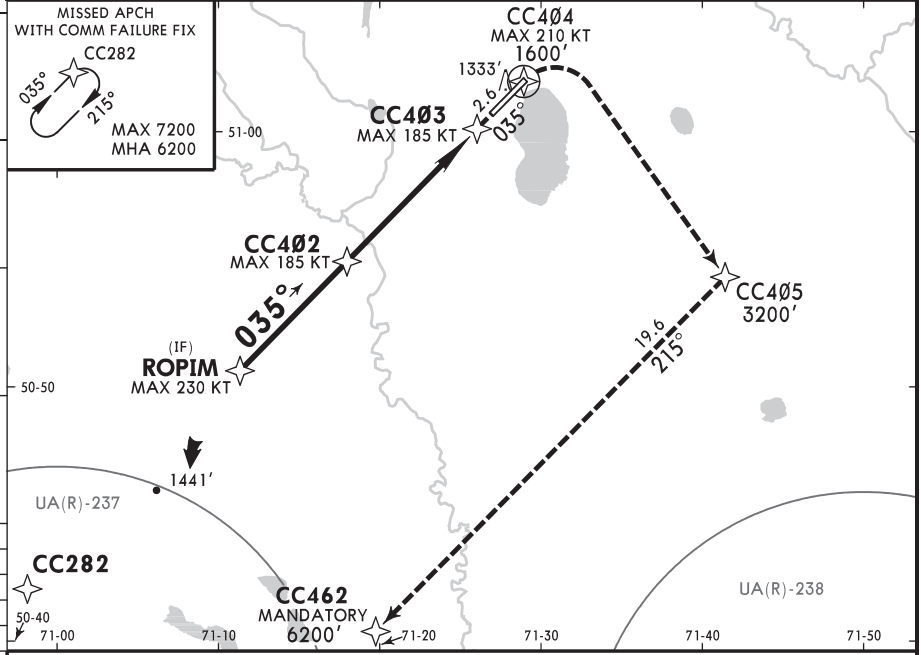
1 R750m when a Flight Director or Autopilot or HUD to DA is not used.

CHANGES: IATA. State minimums withdrawn. New AOM concept.

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UACC/NQZ JEPPESEN NUR-SULTAN, KAZAKHSTAN NURSULTAN NAZARBAYEV INTL 12-1 28 AUG 20 Eff 10 Sep RNP Rwy 04

ATIS	NUR-SULTAN Approach	NUR-SULTAN Radar	NUR-SULTAN Tower	Ground
127.7 (Russian 128.3)	124.6	120.7	118.7	119.6
RNAV	Final ApcH Crs 035°	CC402 MANDATORY 3800' (2635')	LNAV/VNAV DA(H) Refer to Minimums	Apt Elev 1165' Rwy 1165'
MISSED APCH: Climb to CC404 (MAX 210 KT), turn RIGHT direct to CC405, track to CC462, climbing to 6200'. Expect vectoring by NUR-SULTAN ApcH. MISSED APCH WITH COMM FAILURE: Track to CC282 after passing CC462 and hold.				3000 MSA CC403
Alt Set: hPa (MM on req) Rwy Elev: 42 hPa Trans level: FL 120 Trans alt: 10000'				
RNP ApcH. Baro-VNAV not authorized below -32°C.				

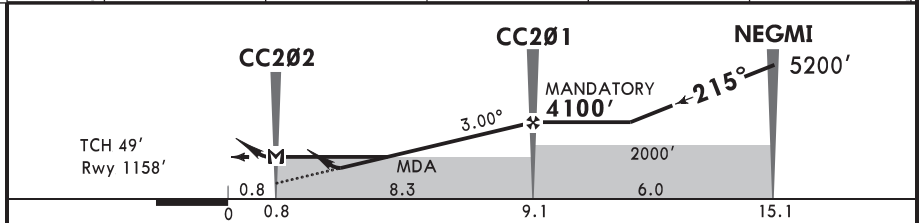
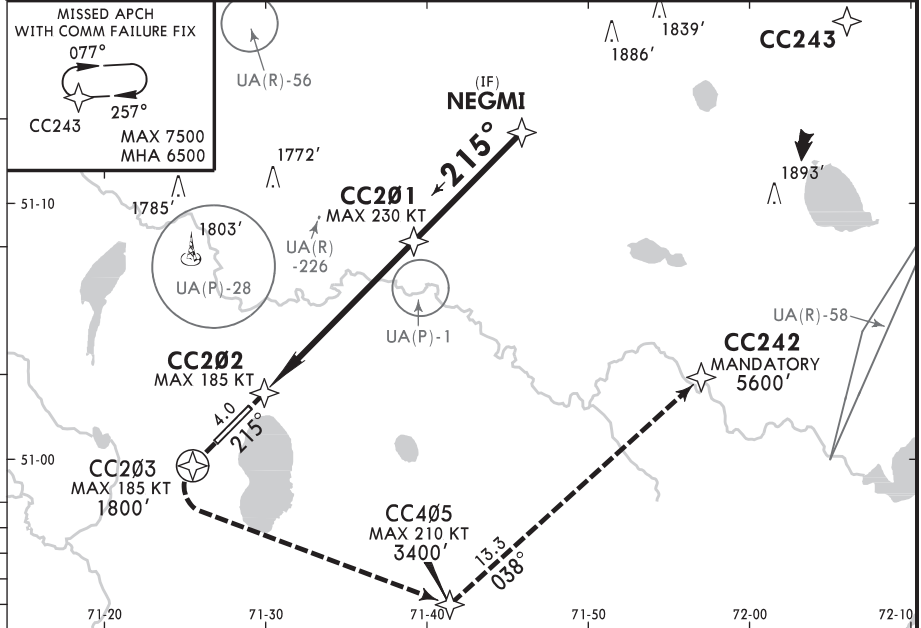


Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI Refer to Missed ApcH above
Descent Angle	3.00°	372	478	531	637	743	
LNAV/VNAV: MAP at DA							
LNAV: MAP at CC403							
CC402 to MAP	7.3	6:15	4:52	4:23	3:39	3:08	2:44

Std		LNAV/VNAV		STRAIGHT-IN LANDING		LNAV CDFA	
DA(H) ABC: 1415' (250') D: 1480' (315')		DA/MDA(H) 1490' (325')					
		ALS out				ALS out	
A	R750m	R1300m		R800m		R1500m	
B							
C							
D							
		R1400m					
1 VNAV DA(H) in lieu of MDA(H) depends on operator policy.							

UACC/NQZ JEPPESSEN NUR-SULTAN, KAZAKHSTAN NURSULTAN NAZARBAYEV INTL 28 AUG 20 12-2 Eff 10 Sep RNP Rwy 22

ATIS	NUR-SULTAN Approach	NUR-SULTAN Radar	NUR-SULTAN Tower	Ground
127.7 (Russian 128.3)	124.6	120.7	118.7	119.6
RNAV	Final ApcH Crs 215°	CC201 MANDATORY 4100' (2942')	LNAV/VNAV DA(H) Refer to Minimums	Apt Elev 1165' Rwy 1158'
MISSED APCH: Climb to CC203 (MAX 185 KT), turn LEFT direct to CC405 (MAX 210 KT), track to CC242, climbing to 5600'. Expect vectoring by NUR-SULTAN ApcH. MISSED APCH WITH COMM FAILURE: Climbing track to CC243 after passing CC242 and hold at 6500'.				3000 MSA CC202
Alt Set: hPa (MM on req) Rwy Elev: 42 hPa Trans level: FL 120 Trans alt: 10000'				
RNP ApcH: Baro-VNAV not authorized below -32°C.				



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI Refer to Missed ApcH above
Descent Angle	3.00°	372	478	531	637	743	
LNAV/VNAV: MAP at DA							
LNAV: MAP at CC202							
CC201 to MAP	8.3	7:07	5:32	4:59	4:09	3:33	3:07
Std LNAV/VNAV A: 1430' (272') DA(H) BC: 1450' (292') D: 1460' (302') STRAIGHT-IN LANDING LNAV CDFA DA/MDA(H) 1550' (392')							
ALS out		ALS out					
A	R1300m				R1500m		
B							
C	R750m		R1400m		R1100m		
D					R1800m		

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NURSULTAN NAZARBAYEV INTL

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NUR-SULTAN, KAZAKHSTAN

(13-1)

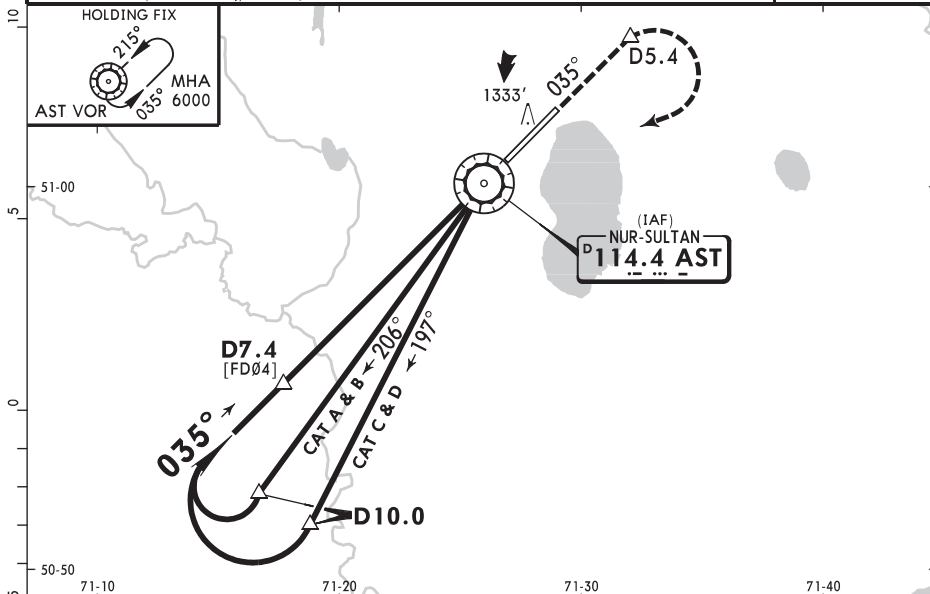
28 AUG 20

Eff 10 Sep

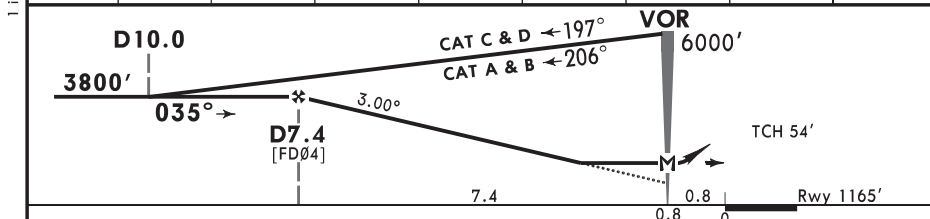
VOR DME Rwy 04

BRIEFING STRIP™

ATIS	NUR-SULTAN Approach	NUR-SULTAN Radar	NUR-SULTAN Tower	Ground
127.7 (Russian 128.3)	124.6	120.7	118.7	119.6
VOR AST 114.4	Final Apch Crs 035°	D7.4 3800' (2635')	DA/MDA(H) 1490' (325')	Apt Elev 1166' Rwy 1165'
MISSED APCH: Climb on track 035° to 2100' or above outbound to D5.4, then turn RIGHT (MAX 240 KT) to VOR. Climb initially to 3800', then as directed by ATC. MISSED APCH WITH COMM FAILURE: Climb to 6000' to VOR and hold.				3000
Alt Set: hPa (MM on req) Rwy Elev: 42 hPa Trans level: FL 120 Trans alt: 10000'				MSA AST VOR



DIST to THR	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
AST DME	7.2	6.2	5.2	4.2	3.2	2.2	1.2	0.2
ALTITUDE	3761'	3443'	3124'	2806'	2488'	2169'	1851'	1532'



Gnd speed-Kts	70	90	100	120	140	160		
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at VOR								
D7.4 to MAP	7.4	6:21	4:56	4:26	3:42	3:10	2:46	

Std STRAIGHT-IN LANDING

CDFA

DA/MDA(H) 1490' (325')

ALS out

A		
B		
C	R800m	R1500m
D		

PANS OPS

VNAV DA(H) in lieu of MDA(H) depends on operator policy.

CHANGES: IATA. State minimums withdrawn. New AOM concept.

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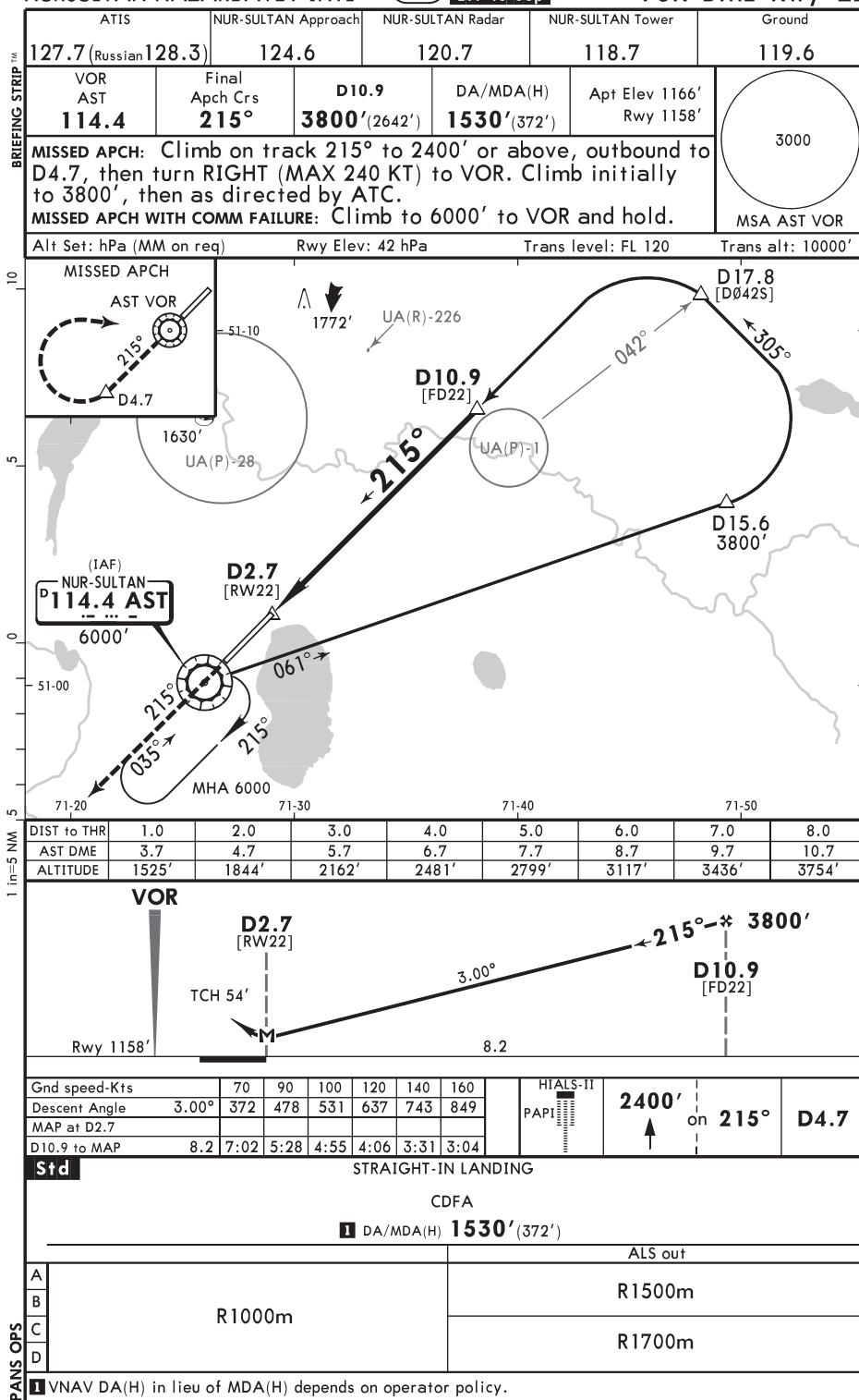
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JEPPESSEN NUR-SULTAN, KAZAKHSTAN

13-2 28 AUG 20
Eff 10 Sep

VOR DME Rwy 22



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NURSULTAN
NAZARBAYEV INTL

28 AUG 20

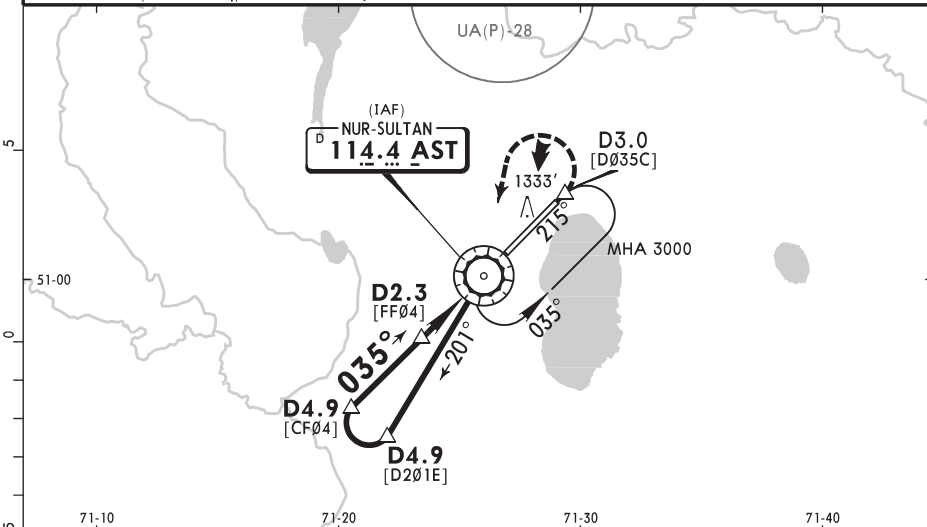
13-3

Eff 10 Sep

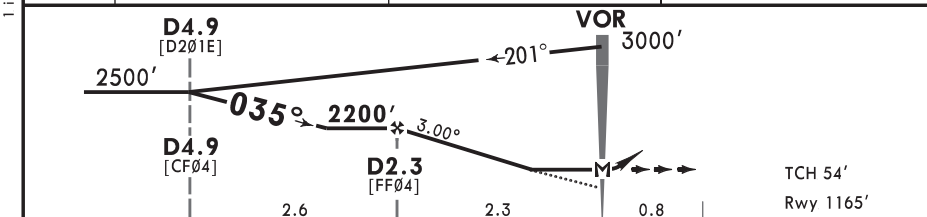
JEPPESEN NUR-SULTAN, KAZAKHSTAN

COPTER VOR DME Rwy 04

ATIS	NUR-SULTAN Approach	NUR-SULTAN Radar	NUR-SULTAN Tower	Ground
127.7 (Russian 128.3)	124.6	120.7	118.7	119.6
VOR AST 114.4	Final Apch Crs 035°	D2.3 (1035')	DA/MDA(H) 1490' (325')	Apt Elev 1166' Rwy 1165'
MISSED APCH: Climb on track 035°, at 1900' or above turn LEFT to VOR or directed by ATC. MISSED APCH WITH COMM FAILURE: Climb to 3000' to VOR and join to holding pattern.				3000 MSA AST VOR
Alt Set: hPa (MM on req)	Rwy Elev: 42 hPa	Trans level: FL 120	Trans alt: 10000'	



DIST to THR	3.0	2.0	1.0
AST DME	2.2	1.2	0.2
ALTITUDE	2169'	1851'	1532'



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at VOR						
D2.3 to MAP	2.3	1:58	1:32	1:23	1:09	0:59

STRAIGHT-IN LANDING	
CDFA	
DA/MDA(H) 1490' (325')	
ALS out	
R1000m	
R1500m	
VNAV DA(H) in lieu of MDA(H) depends on operator policy.	

CHANGES: IATA. State minimums withdrawn. New AOM concept.

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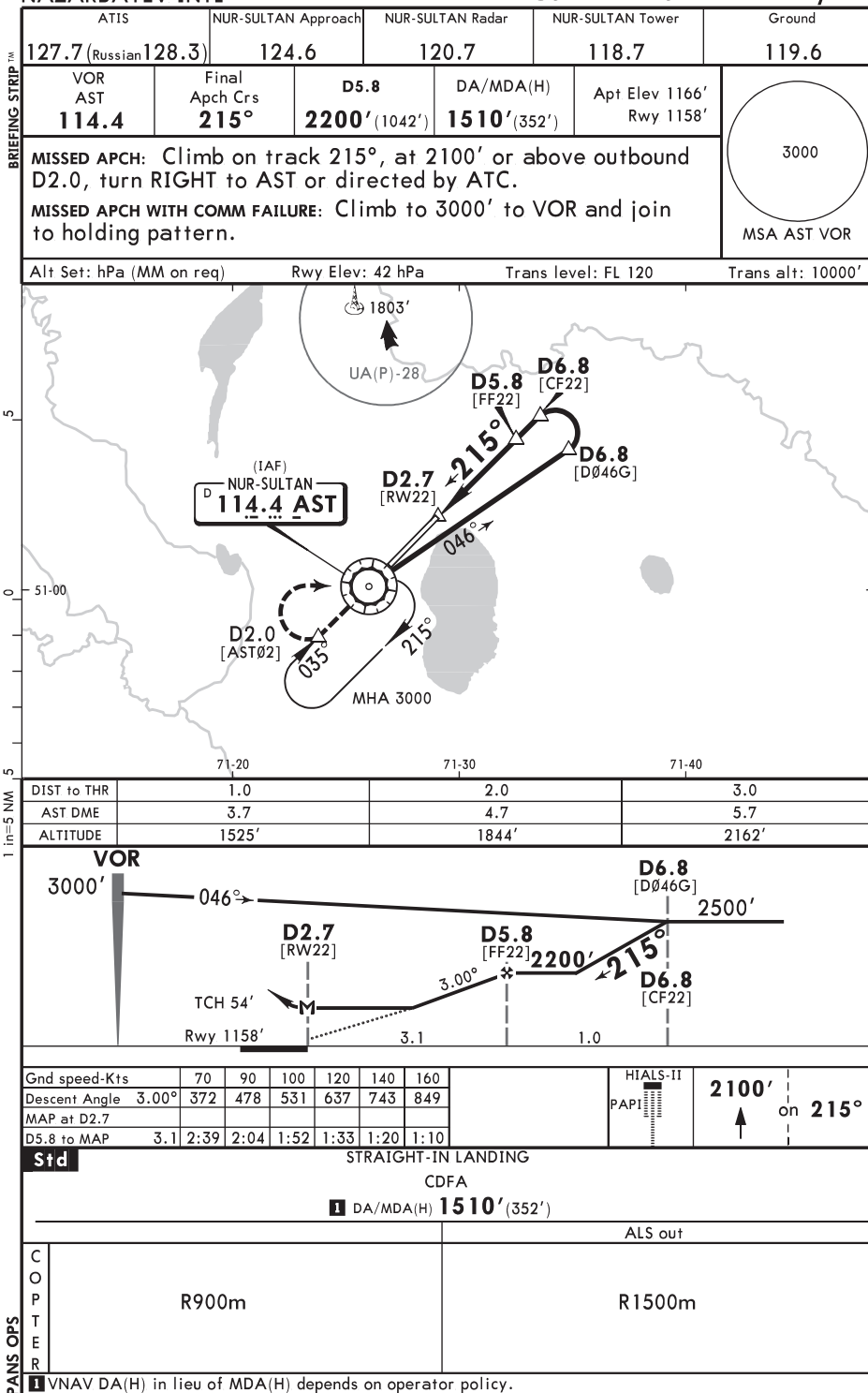
28 AUG 20

13-4

Eff 10 Sep

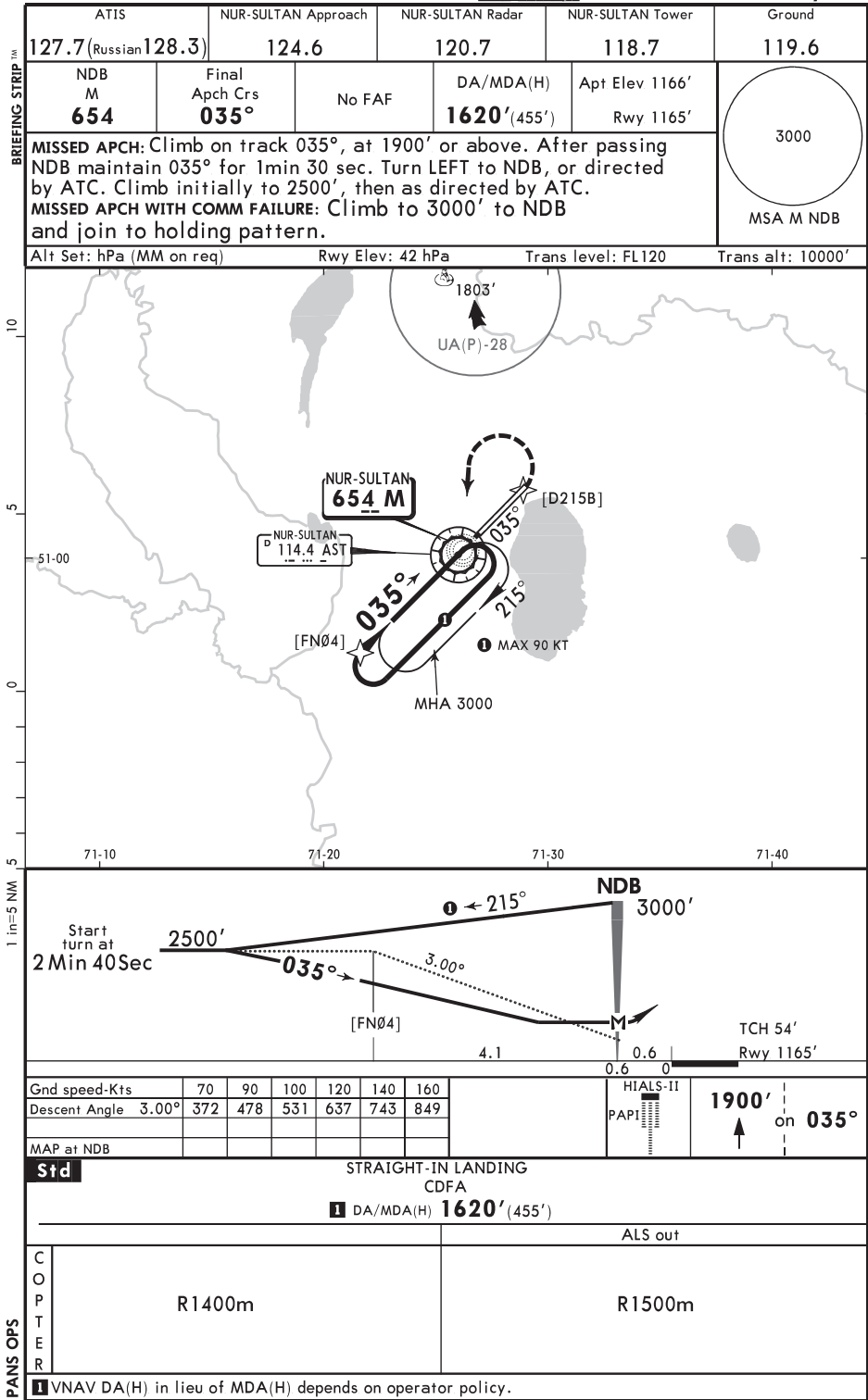
JEPPESEN NUR-SULTAN, KAZAKHSTAN

COPTER VOR DME Rwy 22



UACC/NQZ JEPPESEN NUR-SULTAN, KAZAKHSTAN

NURSULTAN NAZARBAYEV INTL (16-1) 28 AUG 20 COPTER NDB Rwy 04

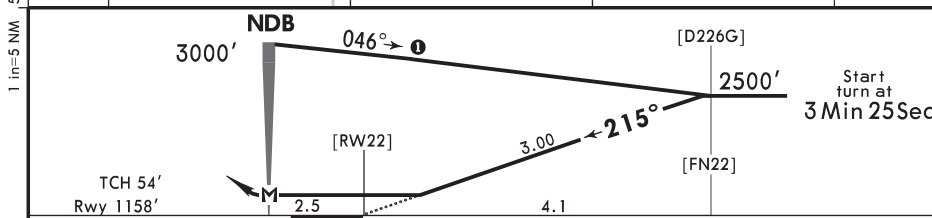
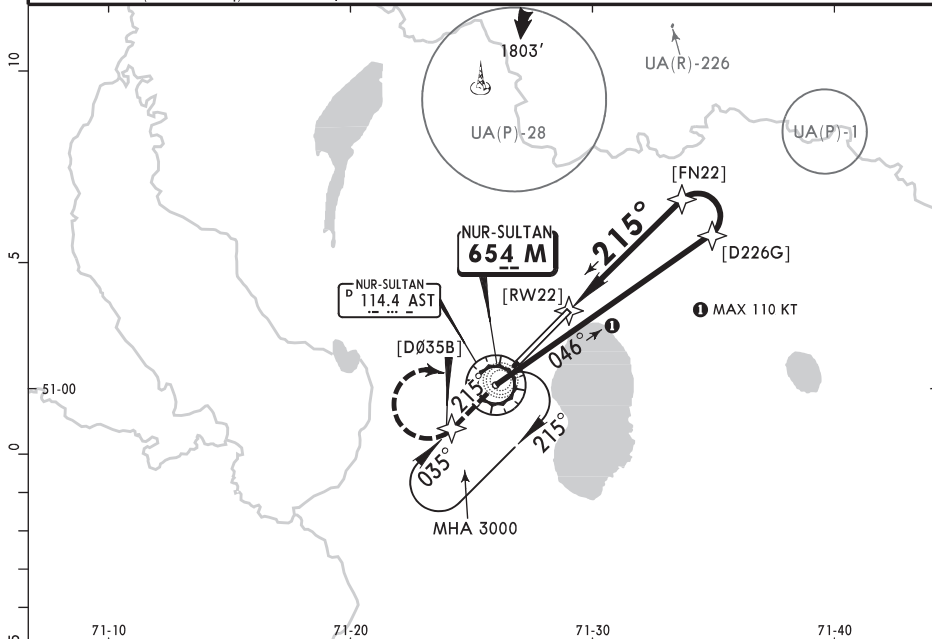


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NAZARBAYEV INTL

28 AUG 20

JEPPESSEN **NUR-SULTAN, KAZAKHSTAN**
16-2 **Eff 10 Sep**
COPTER (BACK CRS) NDB Rwy 22

ATIS	NUR-SULTAN Approach	NUR-SULTAN Radar	NUR-SULTAN Tower	Ground
127.7 (Russian 128.3)	124.6	120.7	118.7	119.6
NDB M 654	Final Apch Crs 215°	No FAF	DA/MDA(H) 1610' (452')	Apt Elev 1166' Rwy 1158'
MISSED APCH: Climb on track 215°, at 1800' or above. After passing NDB maintain 215° for 1min 10 sec. Turn RIGHT to NDB. Or directed by ATC. Climb initially to 2500', then as directed by ATC. MISSED APCH WITH COMM FAILURE: Climb to 3000' to NDB and join to holding pattern.				3000 MSA M NDB
Alt Set: hPa (MM on req)	Rwy Elev: 42 hPa	Trans level: FL120	Trans alt: 10000'	



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849

MAP at NDB

Std

STRAIGHT-IN LANDING

CDFA

1 DA/MDA(H) **1610'** (452')



1800' on **215°**

ALS out

R1400m

R1500m

PANS OPS

1 VNAV DA(H) in lieu of MDA(H) depends on operator policy.