

List of pages in this Trip Kit

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Airport Information For UWKD

Terminal Charts For UWKD

Revision Letter For Cycle 08-2012

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Notebook

General Information

Location: Kazan Rus
IATA Code: KZN
Lat/Long: N55° 36.4' E049° 16.9'
Elevation: 414 ft

Airport Use: Public
Magnetic Variation: 12.6°E

Fuel Types: Jet A-1
Repair Types: Major Airframe, Major Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0127 Z
Sunset: 1557 Z,

Runway Information

Runway: 11L
Length x Width: 12218 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 349 ft
Lighting: Edge, ALS, Centerline
Displaced Threshold: 837 ft

Runway: 11R
Length x Width: 8196 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 371 ft

Runway: 29L
Length x Width: 8196 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 408 ft

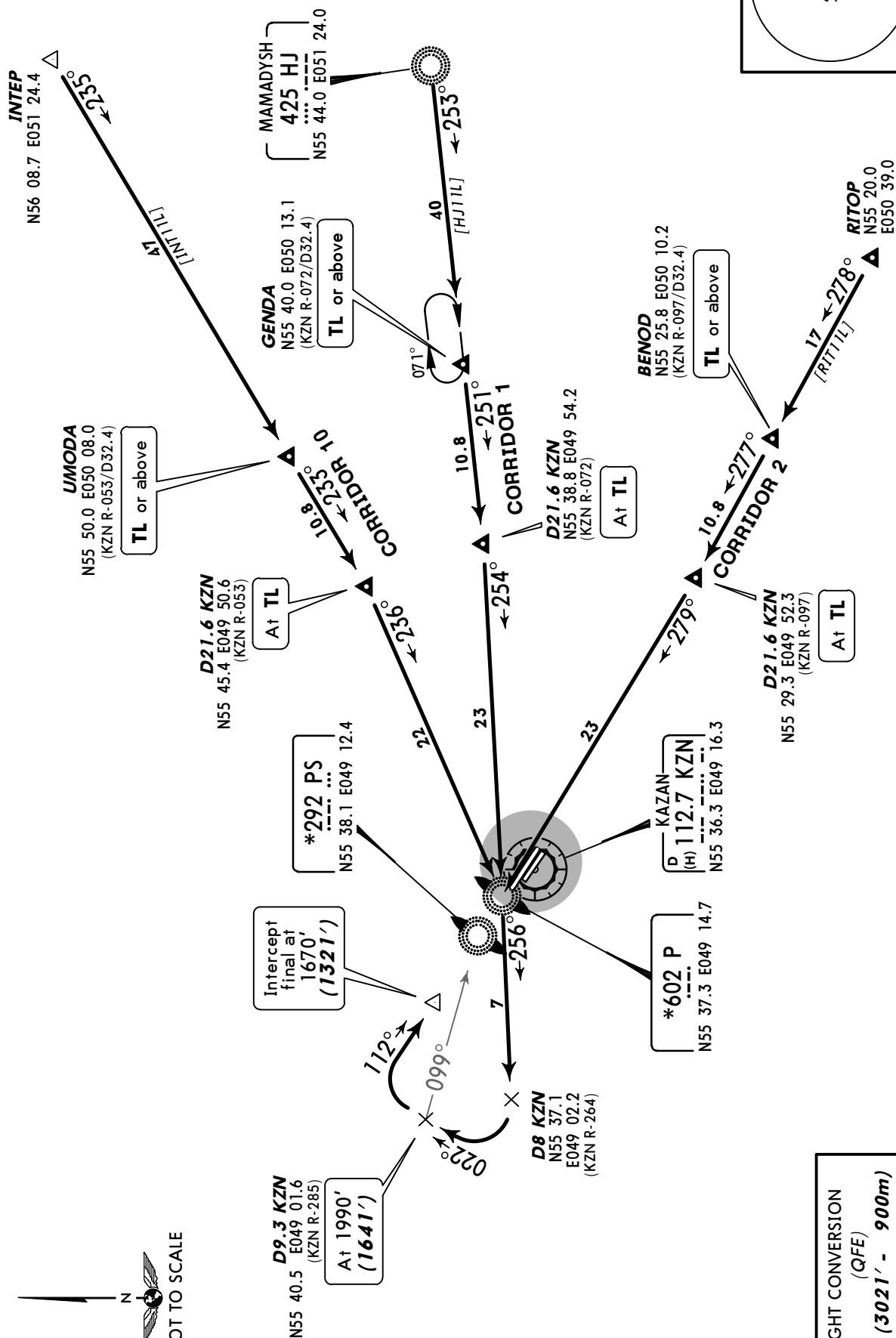
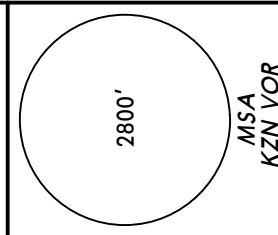
Runway: 29R
Length x Width: 12218 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 410 ft
Lighting: Edge, ALS, Centerline, TDZ

Communication Information

ATIS 126.8
Kazan Start Tower 120.3
Kazan Taxiing Ground Control 121.7
Kazan Tower Radar 120.3
Kazan Radar 124.0
Kazan Radar 119.4 At or below 9800 ft

ATIS 126.8 Apt Elev 414' Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 3370' (3021')

RWY 11L ARRIVALS



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(3021' - 900m)
1990'	(1641' - 500m)
1670'	(1321' - 400m)

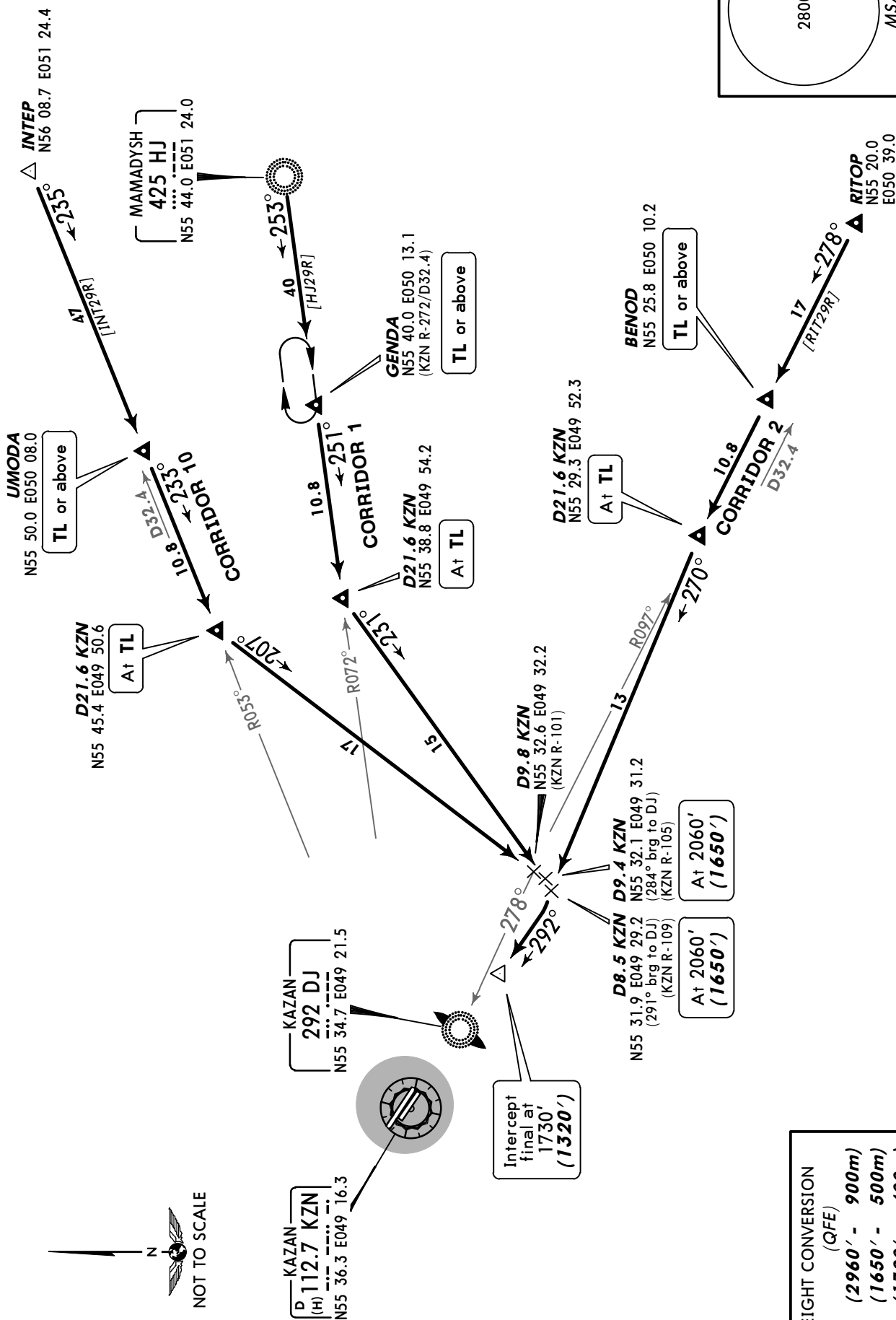
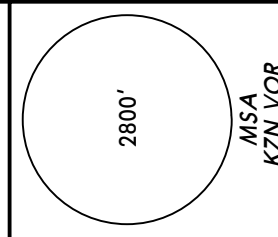
ATIS
126.8

Apt Elev
414'

Alt Set: MM (hPa on request) QNH on request
Trans level: By ATC Trans alt: 3370' (2960')

(QFE)

RWY 29R ARRIVALS

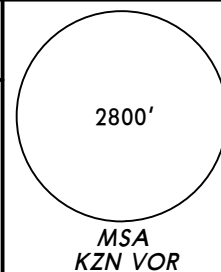


ALT/HEIGHT CONVERSION		
QNH	(QFE)	
3370'	(2960' - 900m)	
2060'	(1650' - 500m)	
1730'	(1320' - 400m)	

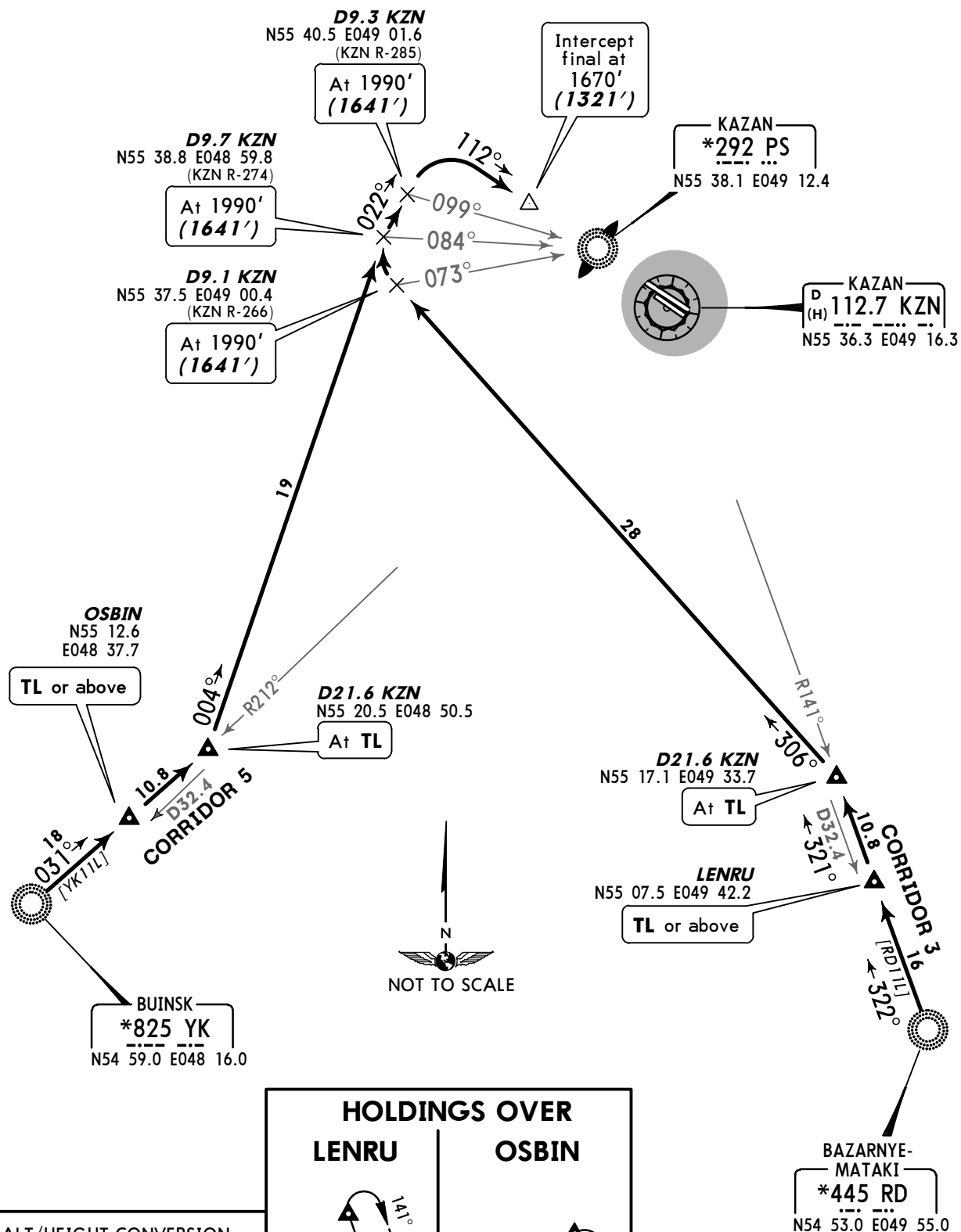
ATIS
126.8

Apt Elev
414'

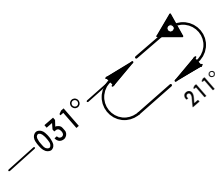
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 3370' (3021')



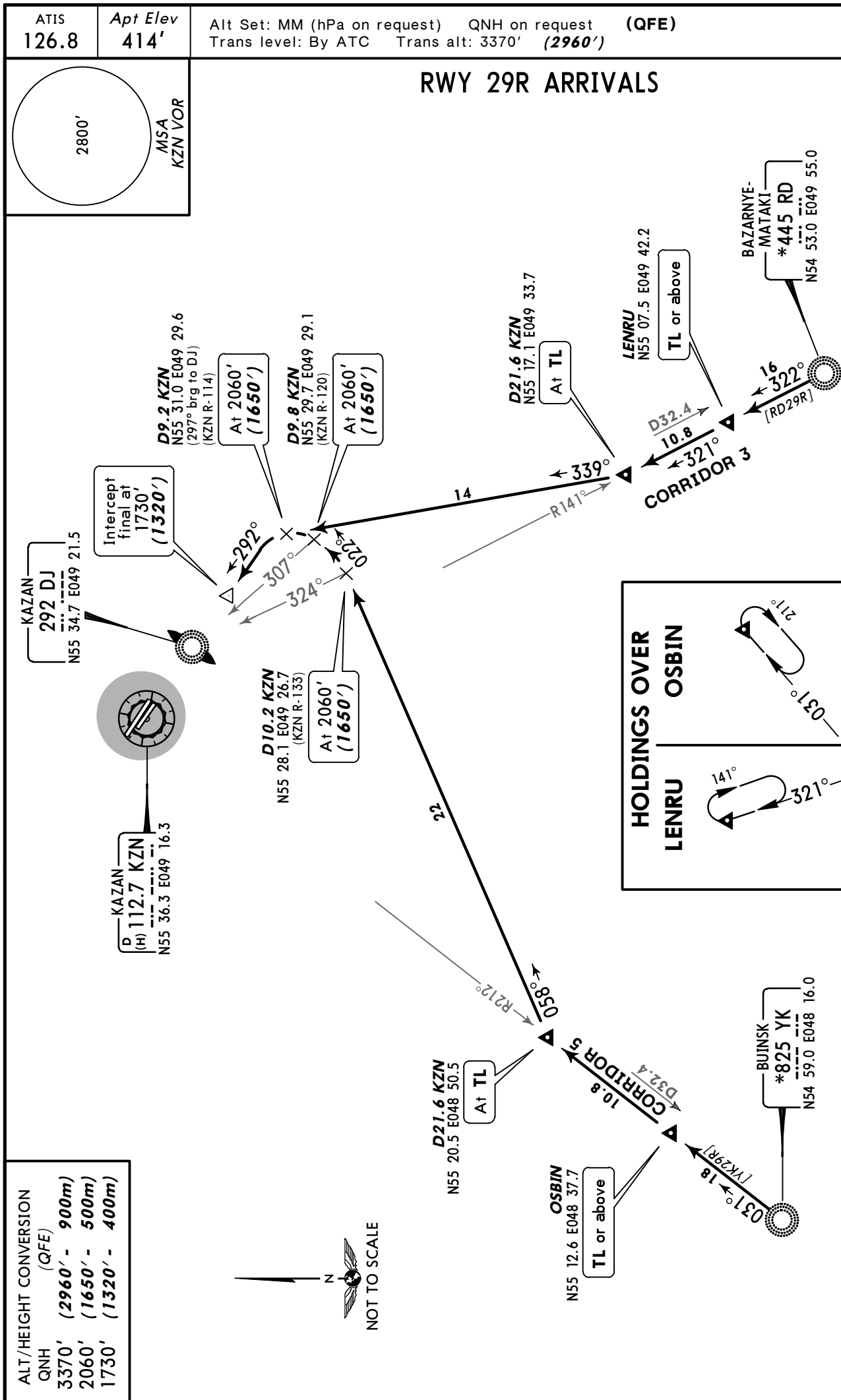
RWY 11L ARRIVALS



HOLDINGS OVER LENRU OSBIN



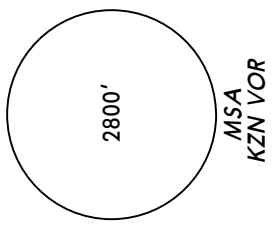
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(3021' - 900m)
1990'	(1641' - 500m)
1670'	(1321' - 400m)



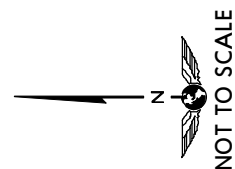
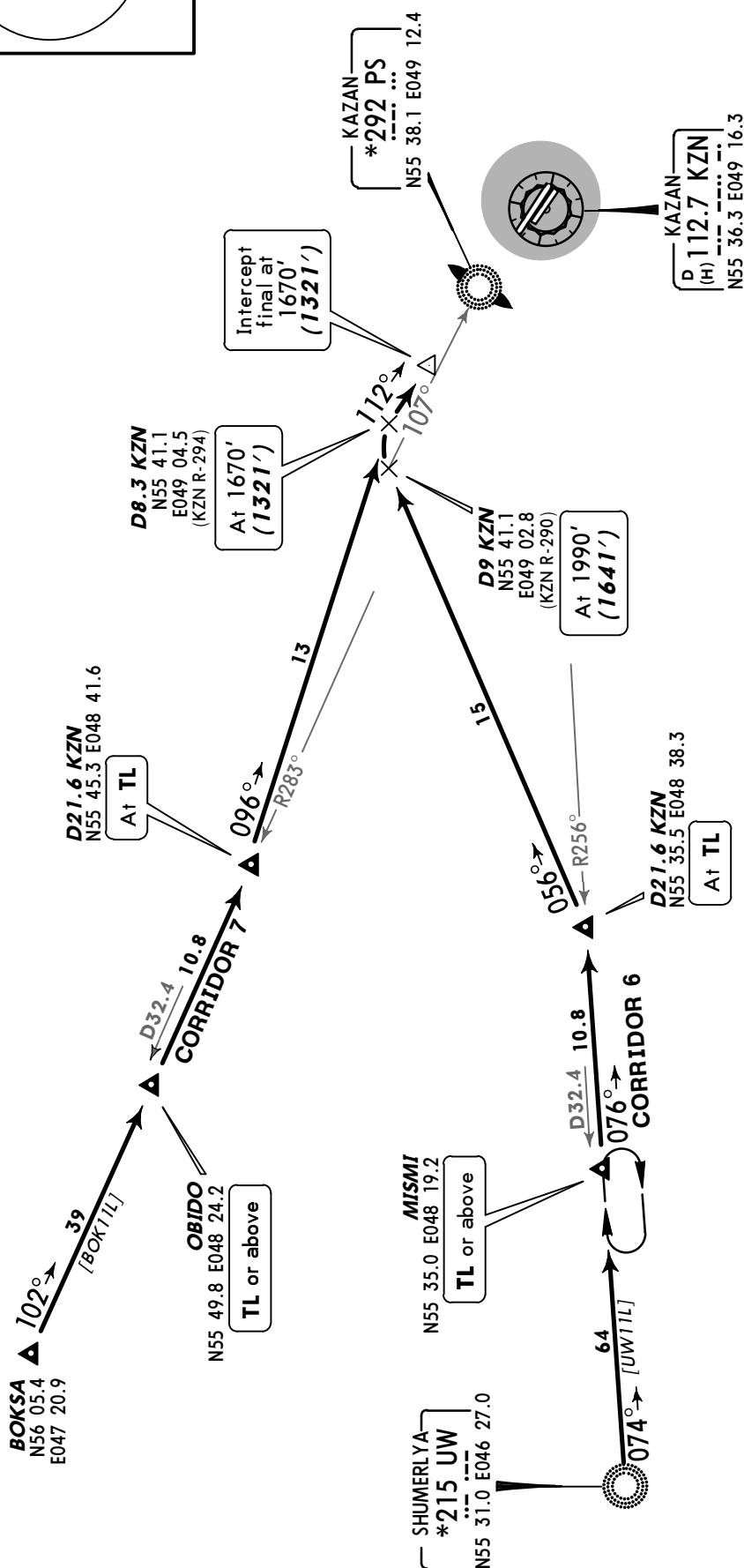
ATIS
126.8

Apt Elev
414'

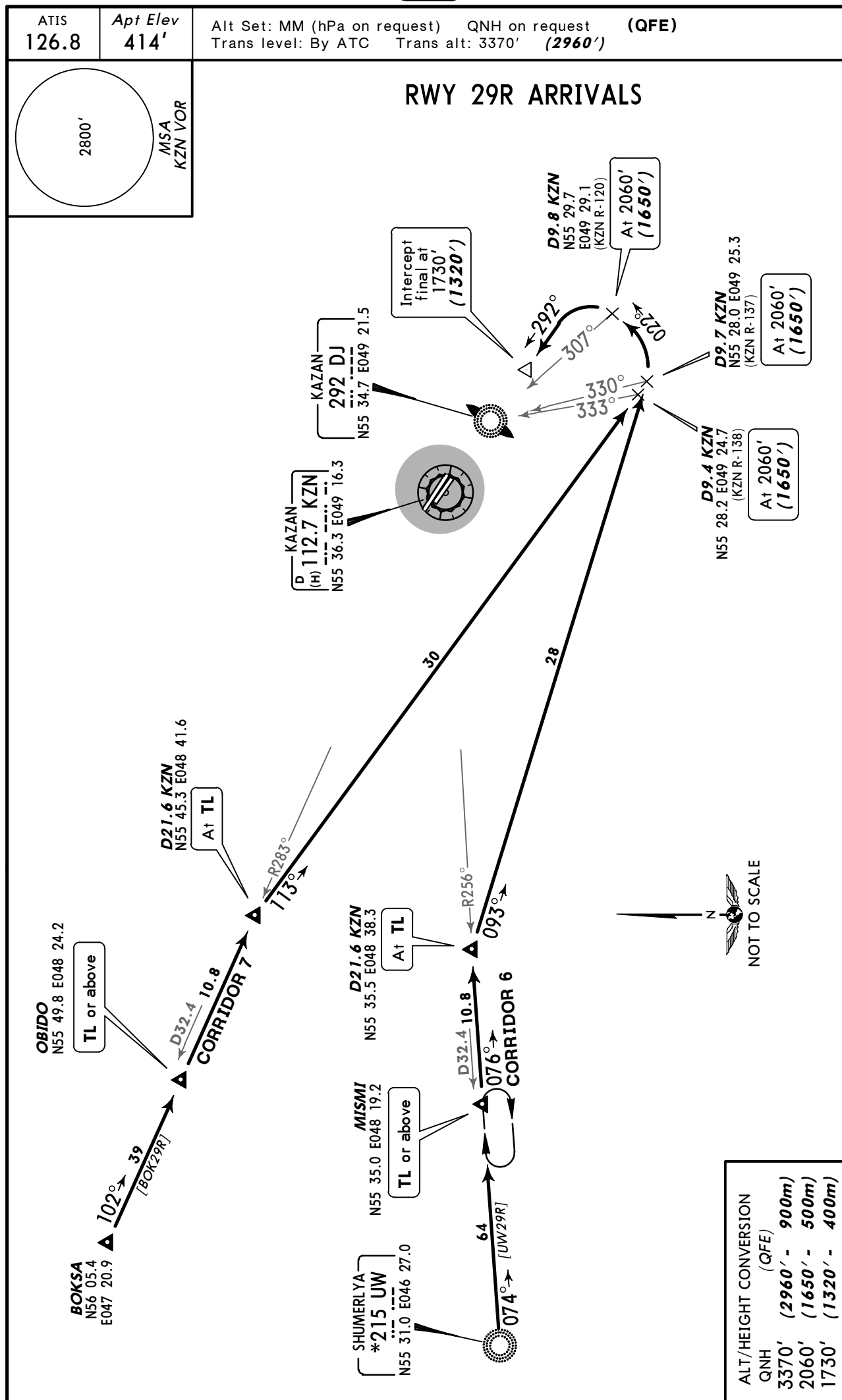
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Trans level: By ATC Trans alt: 3370' (3021')



RWY 11L ARRIVALS

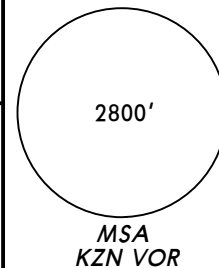


ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(3021' - 900m)
1990'	(1641' - 500m)
1670'	(1321' - 400m)

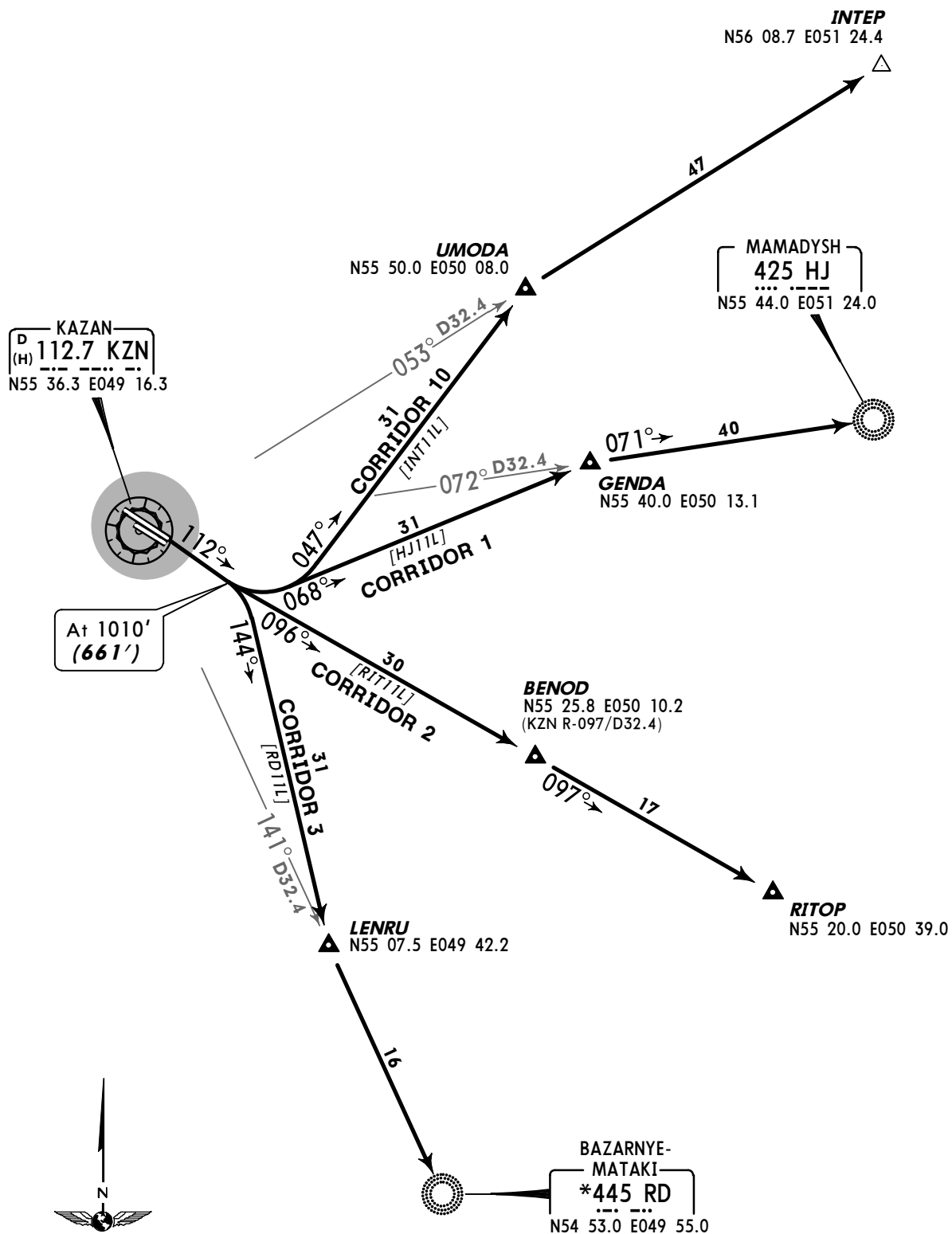


Apt Elev
414'

QNH on request (QFE)
Trans level: By ATC Trans alt: 3370' (3021')
FL by ATC



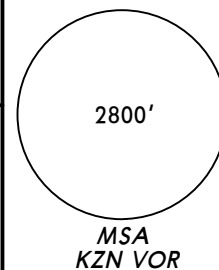
RWY 11L DEPARTURES



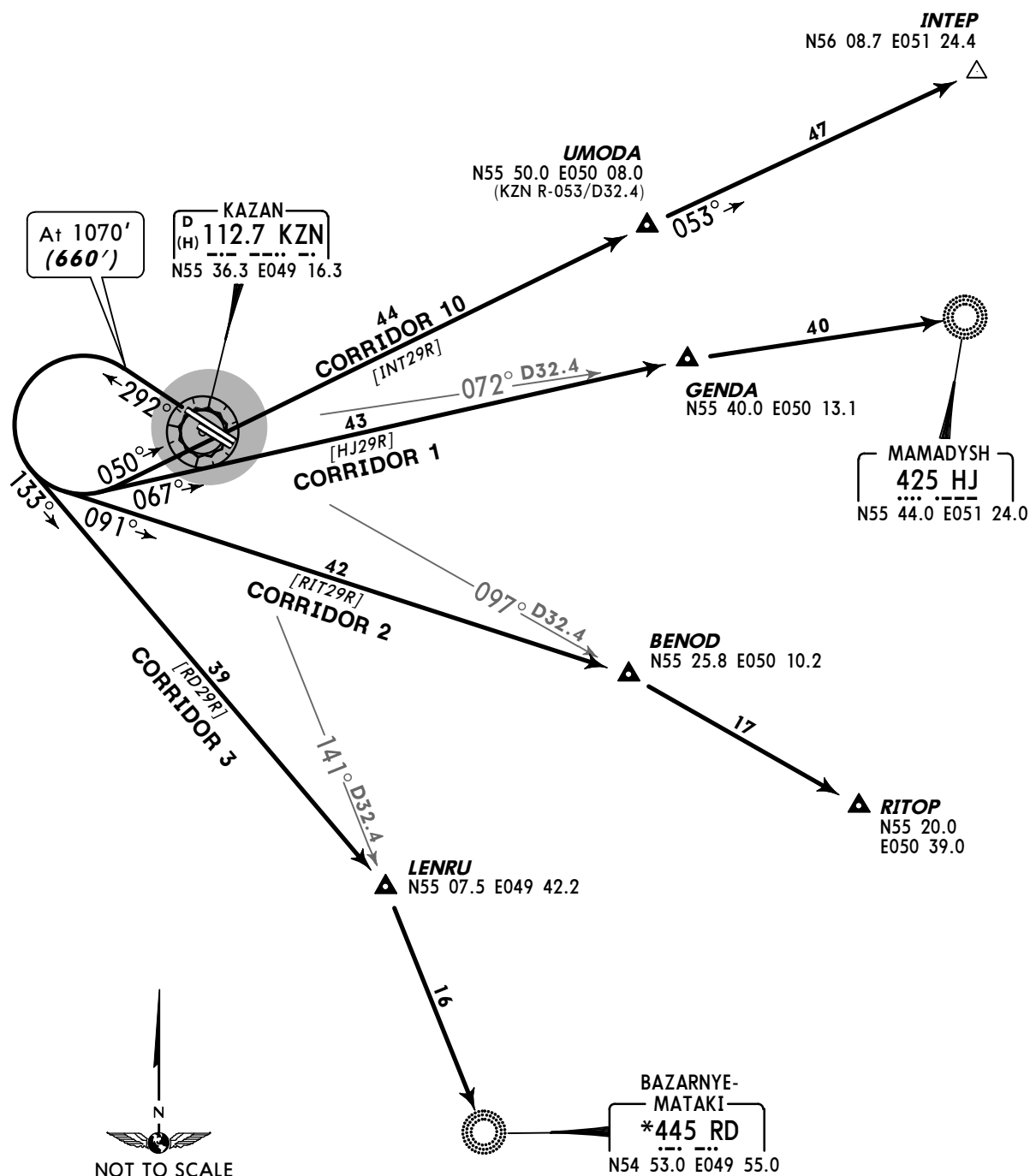
ALT/HEIGHT CONVERSION	
QNH	(QFE)
1010'	(661' - 200m)
3370'	(3021' - 900m)

Apt Elev
414'

QNH on request (QFE)
Trans level: By ATC Trans alt: 3370' (2960')
FL by ATC

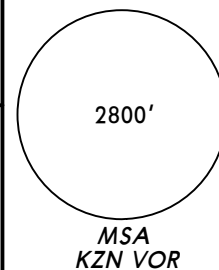


RWY 29R DEPARTURES

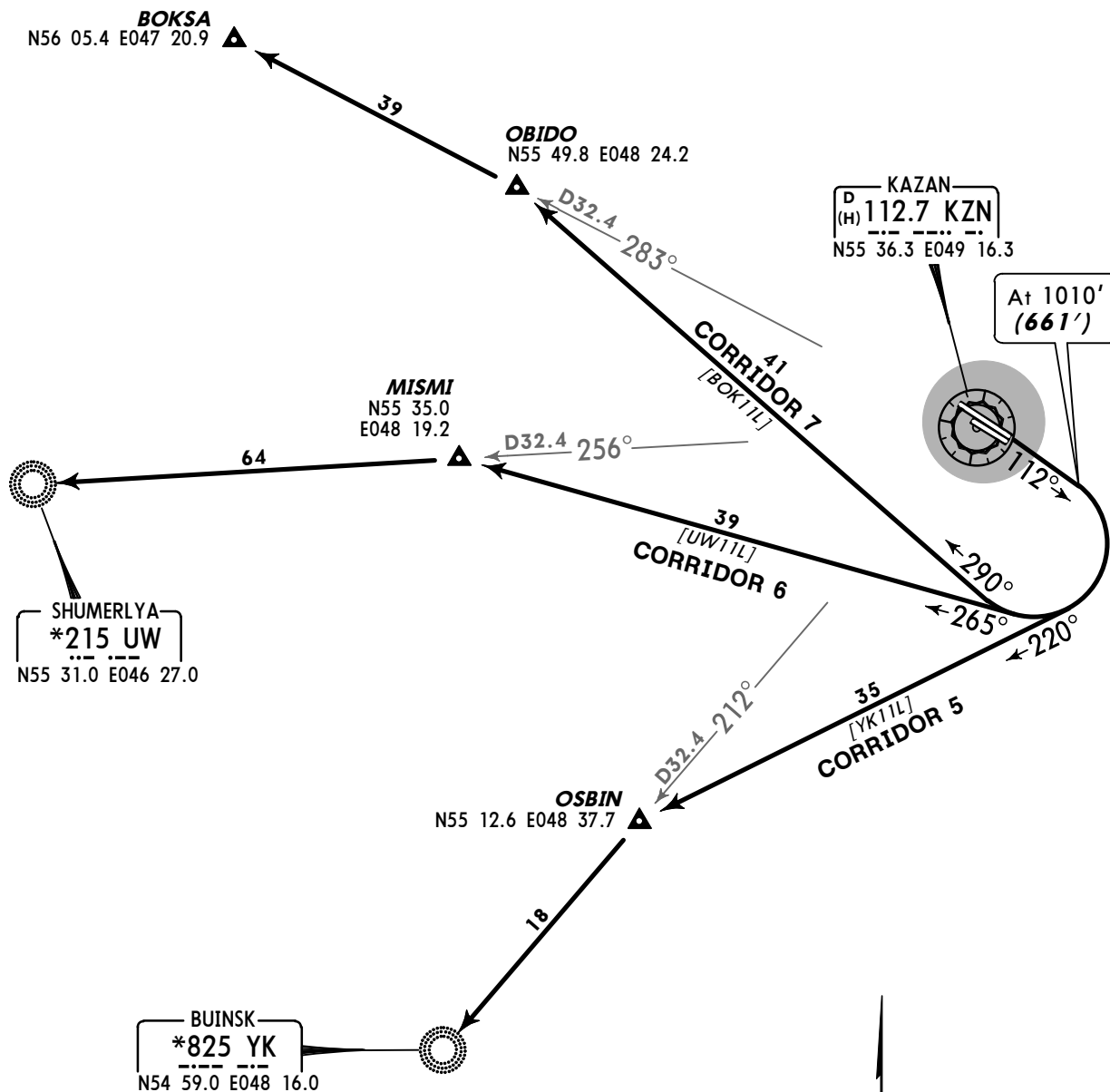


Apt Elev
414'

QNH on request (QFE)
Trans level: By ATC Trans alt: 3370' (3021')
FL by ATC



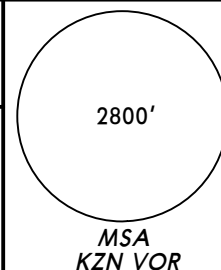
RWY 11L DEPARTURES



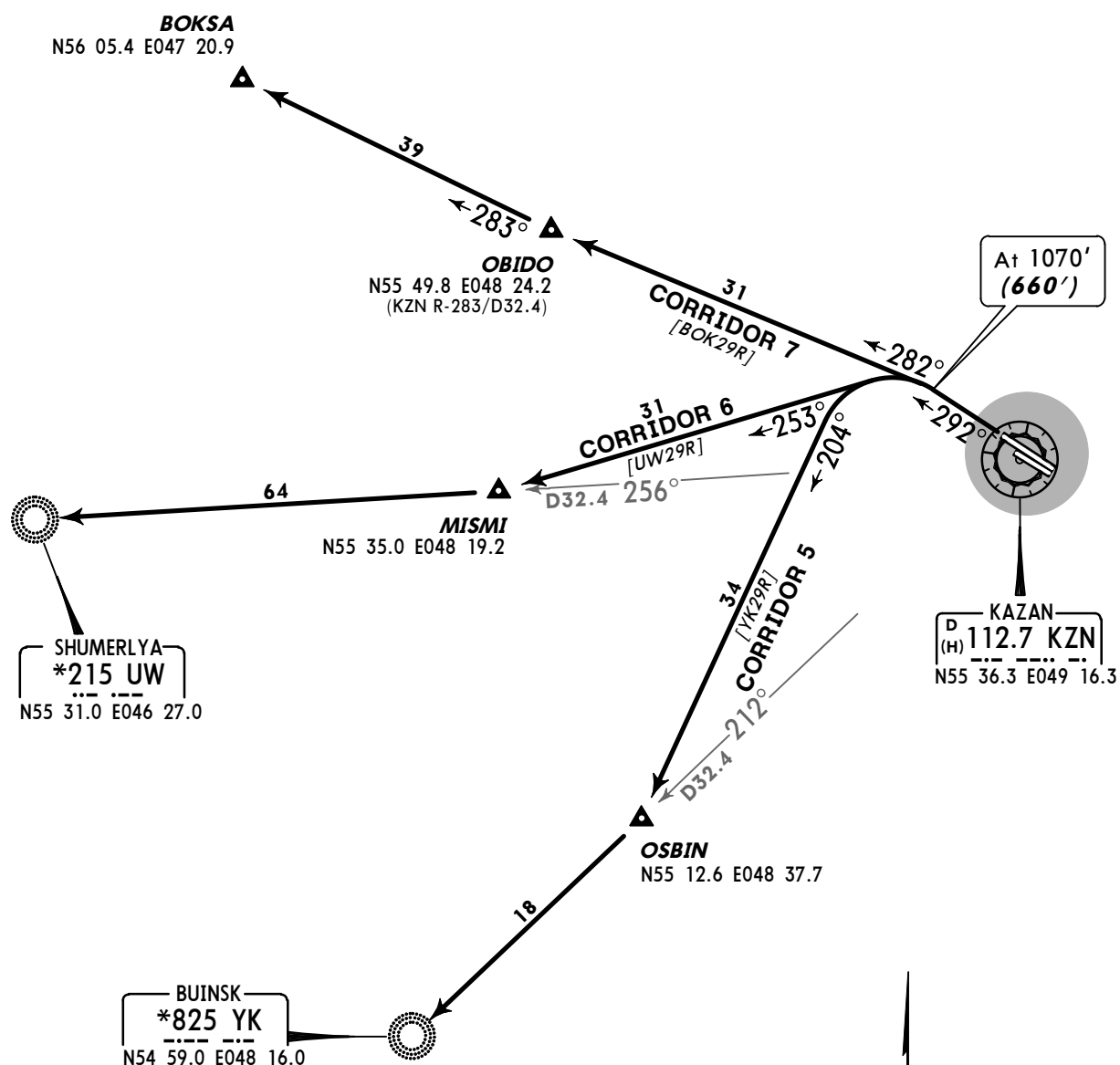
ALT/HEIGHT CONVERSION	
QNH	(QFE)
1010'	(661' - 200m)
3370'	(3021' - 900m)

Apt Elev
414'

QNH on request (QFE)
Trans level: By ATC Trans alt: 3370' (2960')
FL by ATC



RWY 29R DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1070'	(660' - 200m)
3370'	(2960' - 900m)

NOISE ABATEMENT

GENERAL

Noise abatement procedures shall not be executed at the expense of reduction of flight safety.

DEPARTURES

Special take-off procedures for the purpose of noise abatement when passing above terrain arid conditioned and environmentally protected shall be executed by crews of all aircraft:

TAKE-OFF AND CLIMBING PHASE RUNWAYS 29L/R

Take-off to 1900' (1486'-450m)	Take-off power take-off flaps climb at $V_2 + 10-20$ KT at 1080' (666'-200m) turn with 25° bank
At 1900' (1486'-450m)	reduce engine power to rated power under keeping of positive rate of climb
From 1900' (1486'-450m) to 3370' (2956'-900m)	climb at $V_2 + 10-20$ KT
At 3370' (2956'-900m)	accelerate to speed of wing devices retraction retract wing devices further climb (reaching FL) shall be executed at a speed recommended by the Airplane Flight Manual.

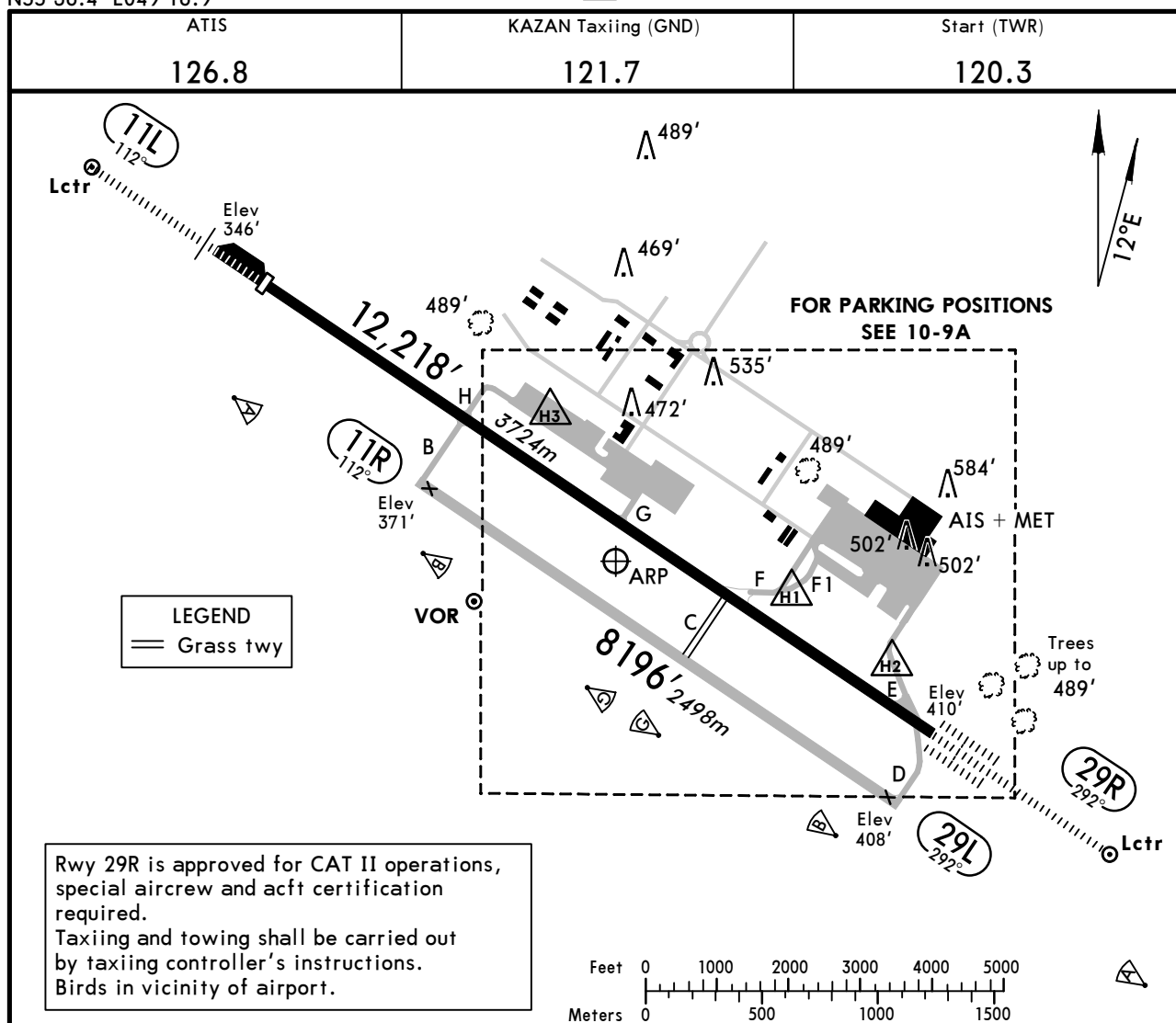
Noise abatement procedure during take-off shall not be carried out in cases of:

- wind shear
- moderate bumpiness
- icing
- one of the aircraft engines failure during take-off phase.

UWKD/KZN
 Apt Elev **414'**
 N55 36.4 E049 16.9

JEPPesen
 4 NOV 11 **10-9** Eff 17 Nov

KAZAN, RUSSIA
KAZAN



ADDITIONAL RUNWAY INFORMATION

ADDITIONAL RUNWAY INFORMATION			USABLE LENGTHS		TAKE-OFF	WIDTH
RWY			Threshold	Glide Slope		
11L	HIRL(60m) CL(15m) HIALS PAPI-L(3.0°)	RVR	11,381' 3469m	10,495' 3199m	①	148'
29R	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°)	RVR		10,759' 3279m		45m
11R	Runway withdrawn from service for acft					148'
29L						45m

① TAKE-OFF RUN AVAILABLE

RWY 11L:

First 837'/255m unusable for take-off.

From displ thresh 11,381'(3469m)
 twy H int 8091'(2466m)
 twy G int 5427'(1654m)
 twy F int 3596'(1096m)

RWY 29R:

From rwy head 12,218'(3724m)
 turning pad 9564'(2915m)
 twy F int 8655'(2638m)
 twy G int 6791'(2070m)
 twy H int 4127'(1258m)

TAKE-OFF

AIR CARRIER (JAA)

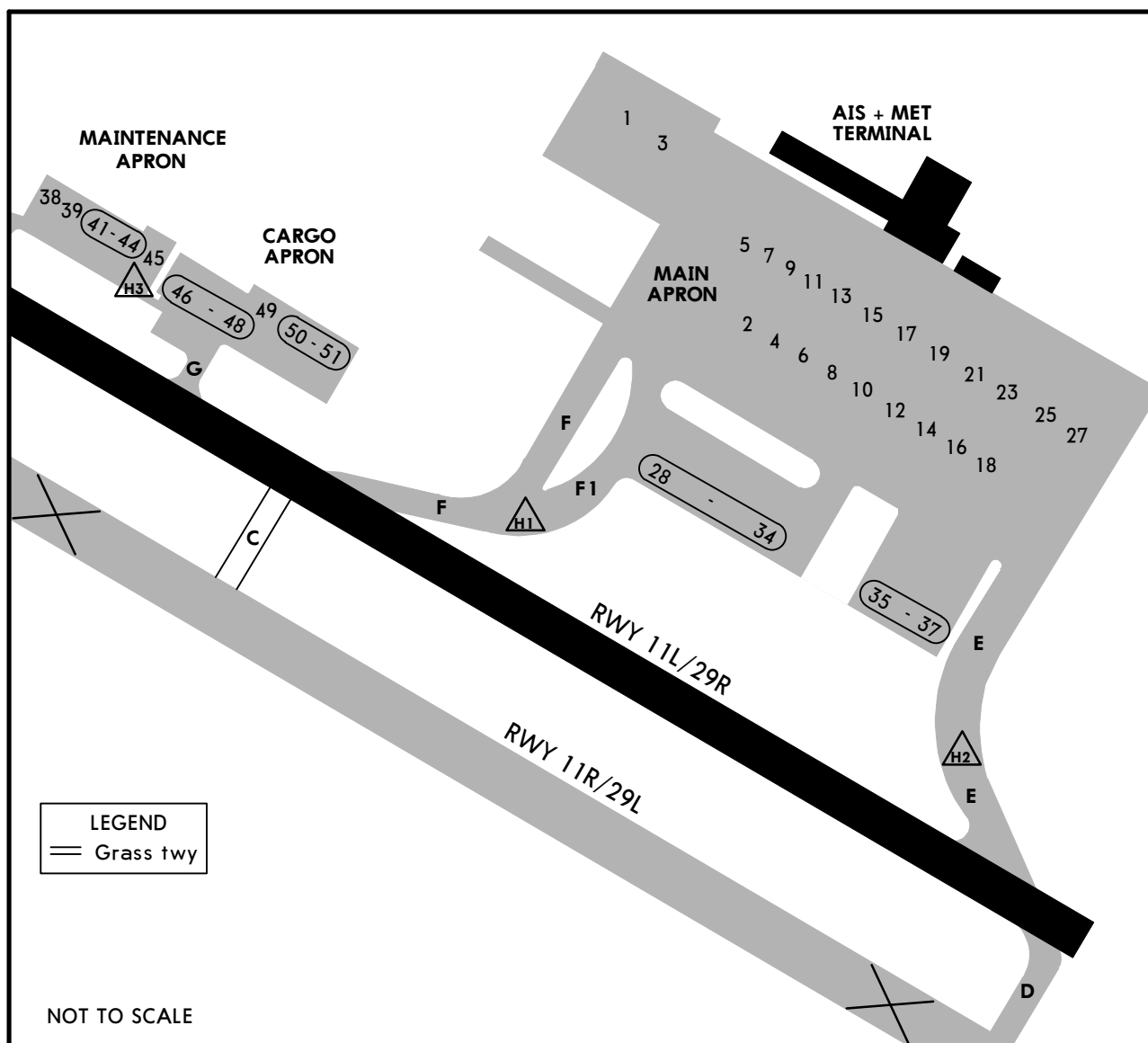
Main rwy 11L/29R

LVP must be in force

	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A			
B	200m (150m)	250m	400m
C			
D	250m (200m)	300m	

CHANGES: Taxiways. Turning pad withdrawn. Ldg beyond GS.

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Taxiing on twys E and F with occupied stands 20 or 22 shall be carried out strictly along centerline at reduced speed with the crew's good look-out.
Stands 23, 25, 32 thru 37 available for helicopters.

STRAIGHT-IN RWY		A	B	C	D
11L	ILS	549' (200')	549' (200')	549' (200')	549' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
2 NDB ①		680' (331')	680' (331')	680' (331')	680' (331')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1500m	R1500m	R1500m	R1500m
29R	CAT 2 ILS	510' (100')	510' (100')	510' (100')	510' (100')
		RA113' R350m	RA113' R350m	RA113' R350m	RA113' R350m
	ILS	610' (200')	610' (200')	610' (200')	610' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB ①	860' (450')	860' (450')	860' (450')	860' (450')
		R1400	R1400	R1400	R1400
		C2100m	C2100m	C2100m	C2100m

① Continuous Descent Final Approach

TAKE-OFF RWY 11L, 29R

	Approved Operators HIRL, CL & mult. RVR req	LVP must be in Force			RCLM (DAY only) or RL	NIL (DAY only)
		RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL		
A	125m	150m	200m	250m	400m	500m
B						
C						
D	150m	200m	250m	300m		

STRAIGHT-IN RWY		A	B	C	D
11L	ILS	549' (200')	549' (200')	549' (200')	549' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	680' (331')	680' (331')	680' (331')	680' (331')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
29R	CAT II ILS	510' (100')	510' (100')	510' (100')	510' (100')
		RA 113' R350m	RA 113' R350m	RA 113' R350m	RA 113' R350m
	ILS	610' (200')	610' (200')	610' (200')	610' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	860' (450')	860' (450')	860' (450')	860' (450')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 11L

LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

TAKE-OFF RWY 29R

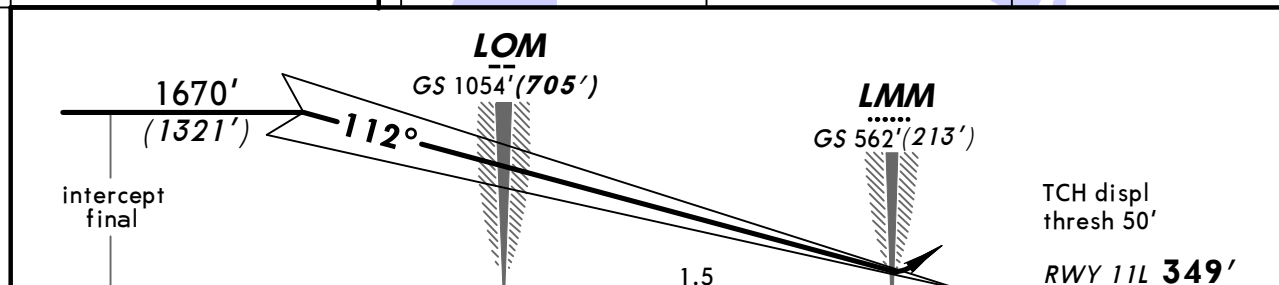
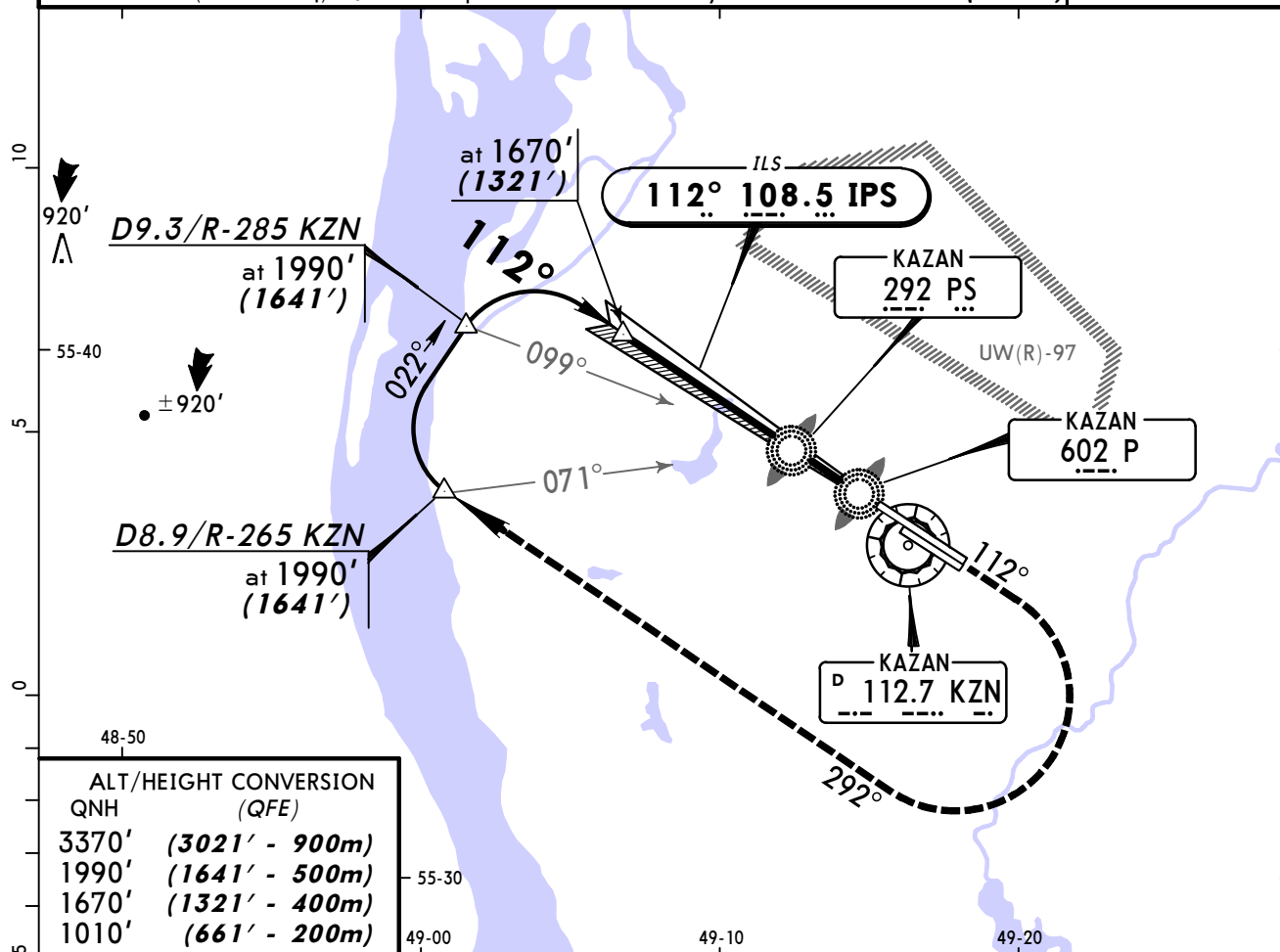
LVP must be in force					
Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	125m	150m	200m	250m	400m
B					
C					
D	150m	200m	250m	300m	500m

UWKD/KZN
KAZAN

JEPPesen
4 NOV 11 11-1 Eff 17 Nov

KAZAN, RUSSIA
ILS Rwy 11L

ATIS 126.8	KAZAN Radar (APP/R) 119.4	KAZAN Tower (PAR) 120.3	KAZAN Start (TWR) 120.3	Taxiing (GND) 121.7
LOC IPS 108.5	Final Apch Crs 112°	GS LOM 1054'(705')	ILS DA(H) 549'(200')	Apt Elev 414' RWY 349'
MISSED APCH: Climb on 112° to 1010'(661'), then turn RIGHT onto 292° climbing to 1990'(1641'), then according to chart.				2800'
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3370'(3021')				MSA KZN VOR



TO DISPLACED THRESHOLD							2.0	0.5	0			
Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1010'	on	112°	292°	1990'
GS	3.00°	377	484	538	646	753		861			(661')	(1641')
											RT	

STRAIGHT-IN LANDING RWY 11L			
ILS		LOC (GS out)	
DA(H) 549'(200')			
FULL	ALS out		
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

CHANGES: MSA. TCH.

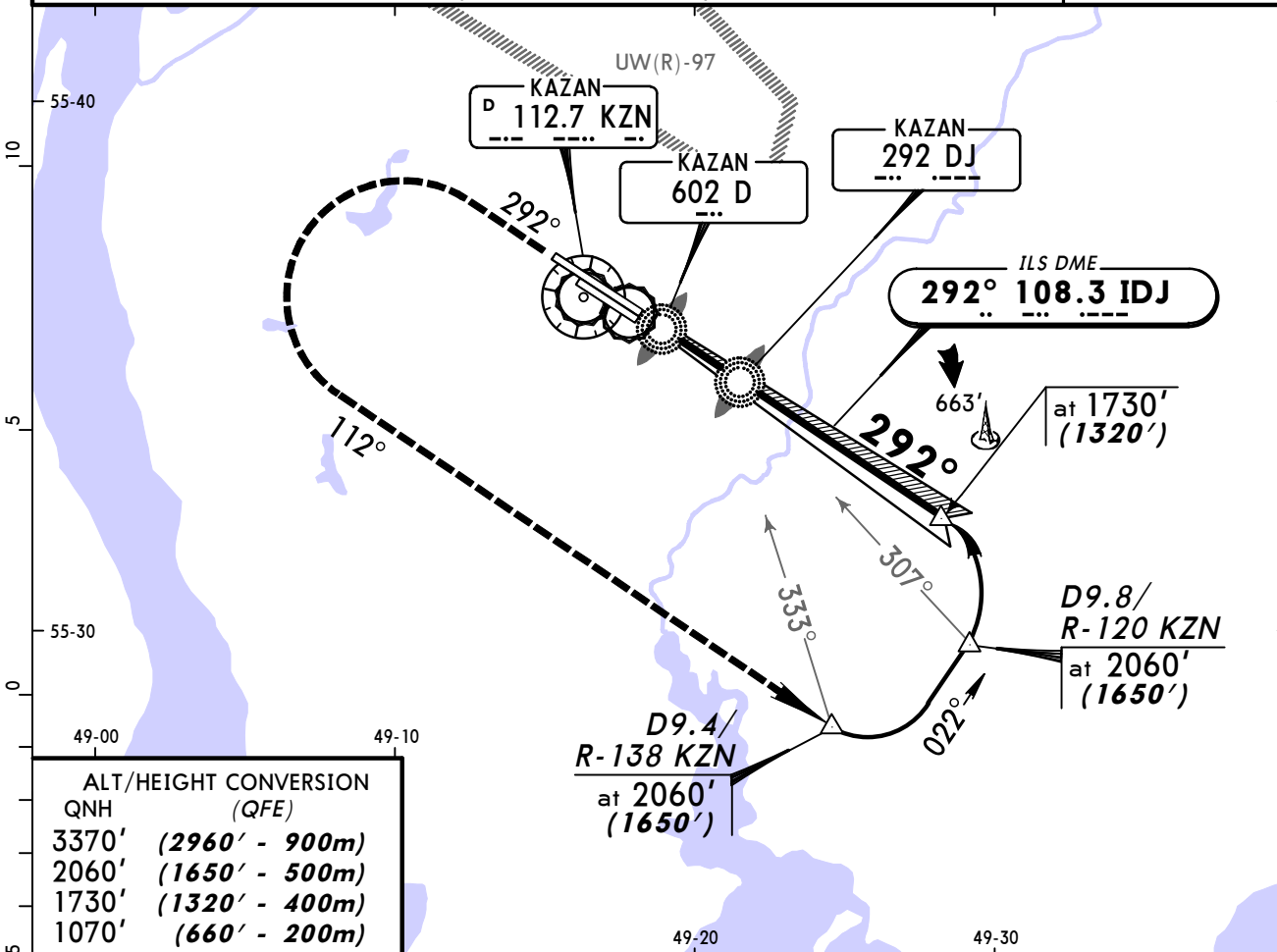
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UWKD/KZN
KAZAN

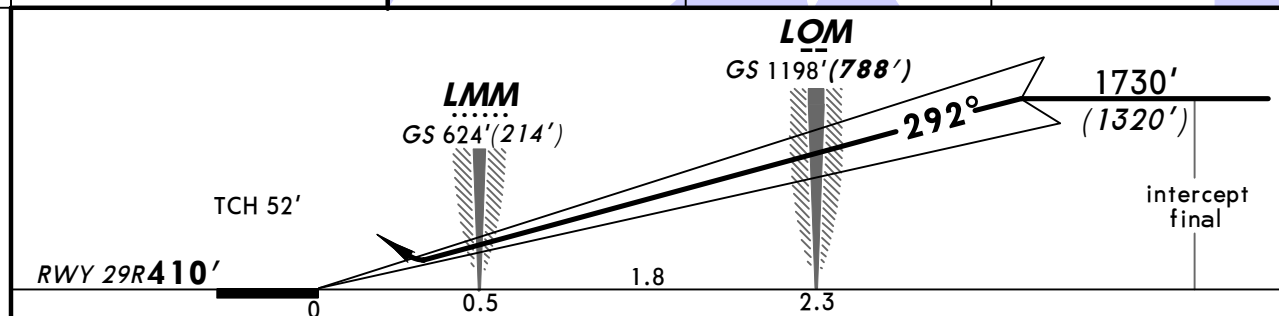
JEPPesen
4 NOV 11 **11-2** Eff 17 Nov

KAZAN, RUSSIA
ILS Rwy 29R

ATIS 126.8	KAZAN Radar (APP/R) 119.4	KAZAN Tower (PAR) 120.3	KAZAN Start (TWR) 120.3	Taxiing (GND) 121.7
LOC IDJ 108.3	Final Apch Crs 292°	GS LOM 1198'(788')	ILS DA(H) 610'(200')	Apt Elev 414' RWY 410'
MISSED APCH: Climb on 292° to 1070'(660'), then turn LEFT onto 112° climbing to 2060'(1650'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3370'(2960')				



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(2960' - 900m)
2060'	(1650' - 500m)
1730'	(1320' - 400m)
1070'	(660' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1070' (660')	on 292°	112°	2060' (1650')
GS	3.00°	377	484	538	646	753	861	PAPI		LT	

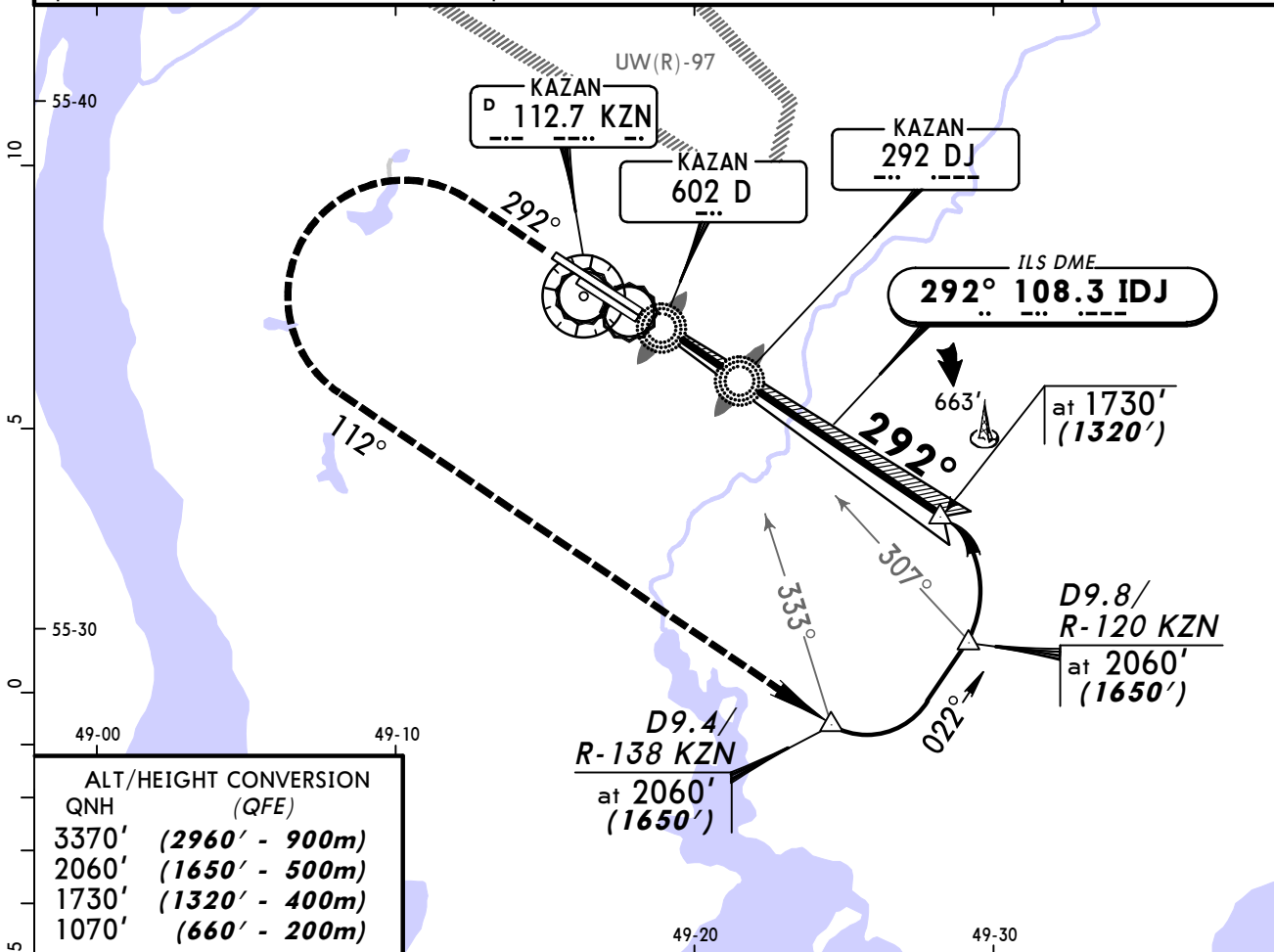
STRAIGHT-IN LANDING RWY 29R			
ILS		LOC (GS out)	
DA(H) 610'(200')			
FULL	ALS out		
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

UWKD/KZN KAZAN

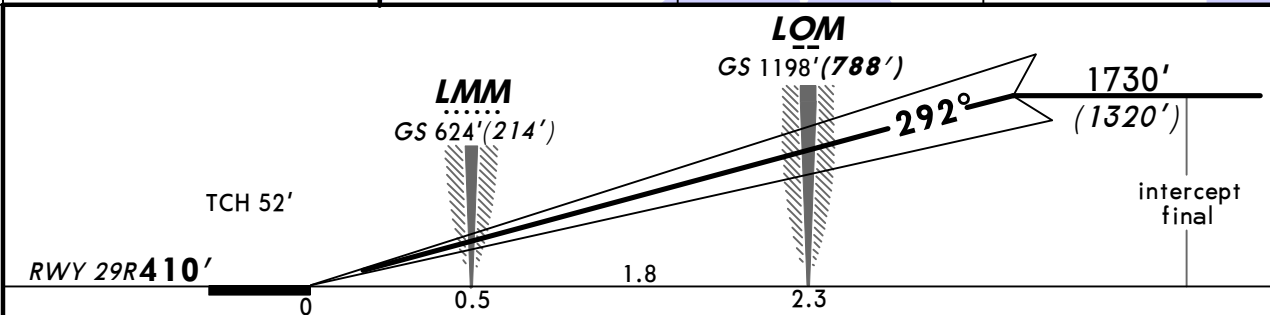
JEPPesen
4 NOV 11 11-2A Eff 17 Nov

KAZAN, RUSSIA
CAT II ILS Rwy 29R

ATIS 126.8	KAZAN Radar (APP/R) 119.4	KAZAN Tower (PAR) 120.3	KAZAN Start (TWR) 120.3	Taxiing (GND) 121.7
LOC IDJ 108.3	Final Apch Crs 292°	GS LOM 1198'(788')	CAT II ILS RA 113' DA(H) 510'(100')	Apt Elev 414' RWY 410'
MISSED APCH: Climb on 292° to 1070'(660'), then turn LEFT onto 112° climbing to 2060'(1650'), then according to chart.				2800'
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3370'(2960') Special Aircrew & Acft Certification Required.				MSA KZN VOR



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(2960' - 900m)
2060'	(1650' - 500m)
1730'	(1320' - 400m)
1070'	(660' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1070' (660')	on 292°	112°	2060' (1650')
GS	3.00°	377	484	538	646	753	861	PAPI		LT	

STRAIGHT-IN LANDING RWY 29R
CAT II ILS
ABCD
RA 113'
DA(H) 510'(100')

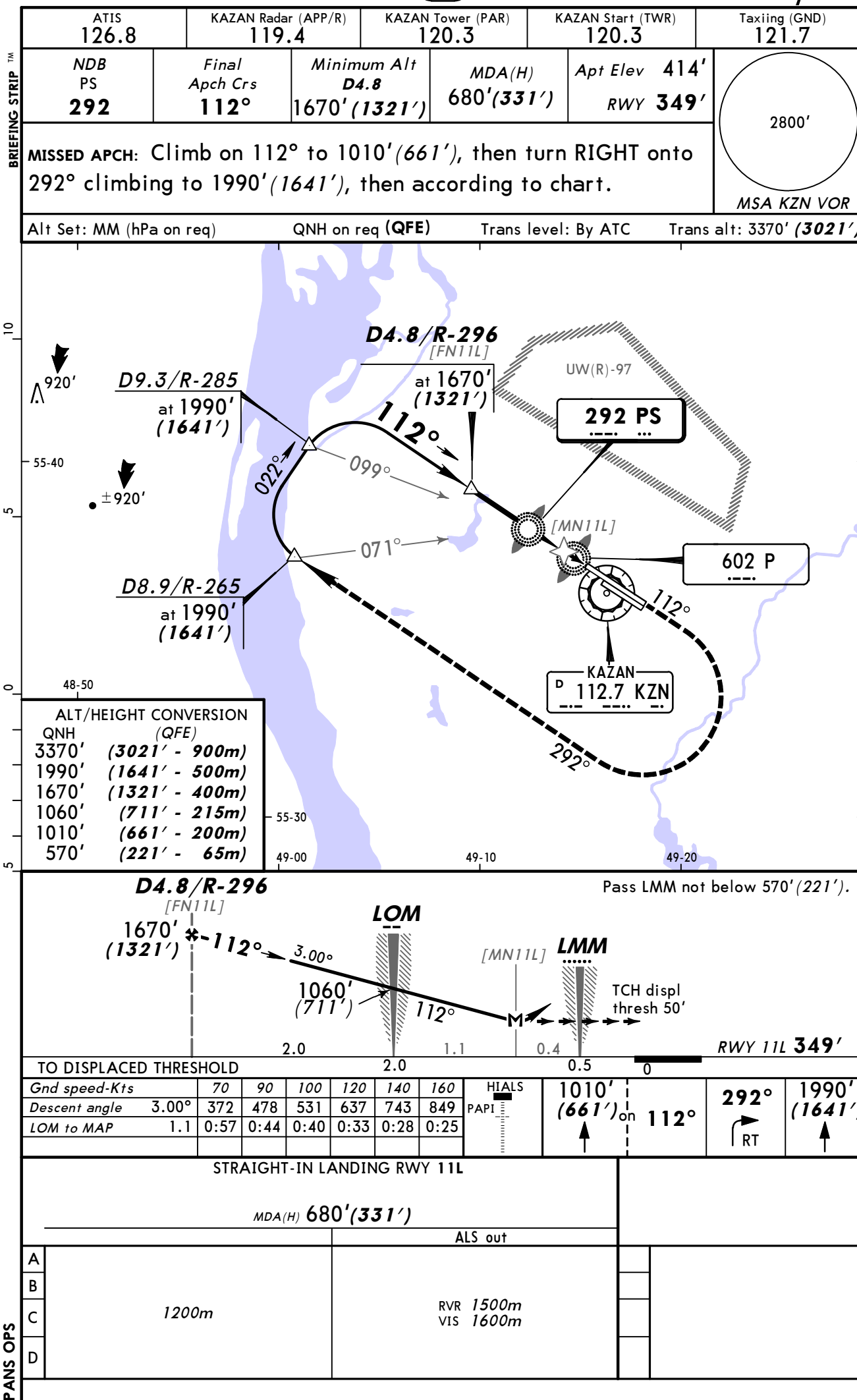
RVR 350m

PANS OPS

UWKD/KZN
KAZAN

JEPPESSEN
4 NOV 11 (16-1) Eff 17 Nov

KAZAN, RUSSIA
2 NDB Rwy 11L



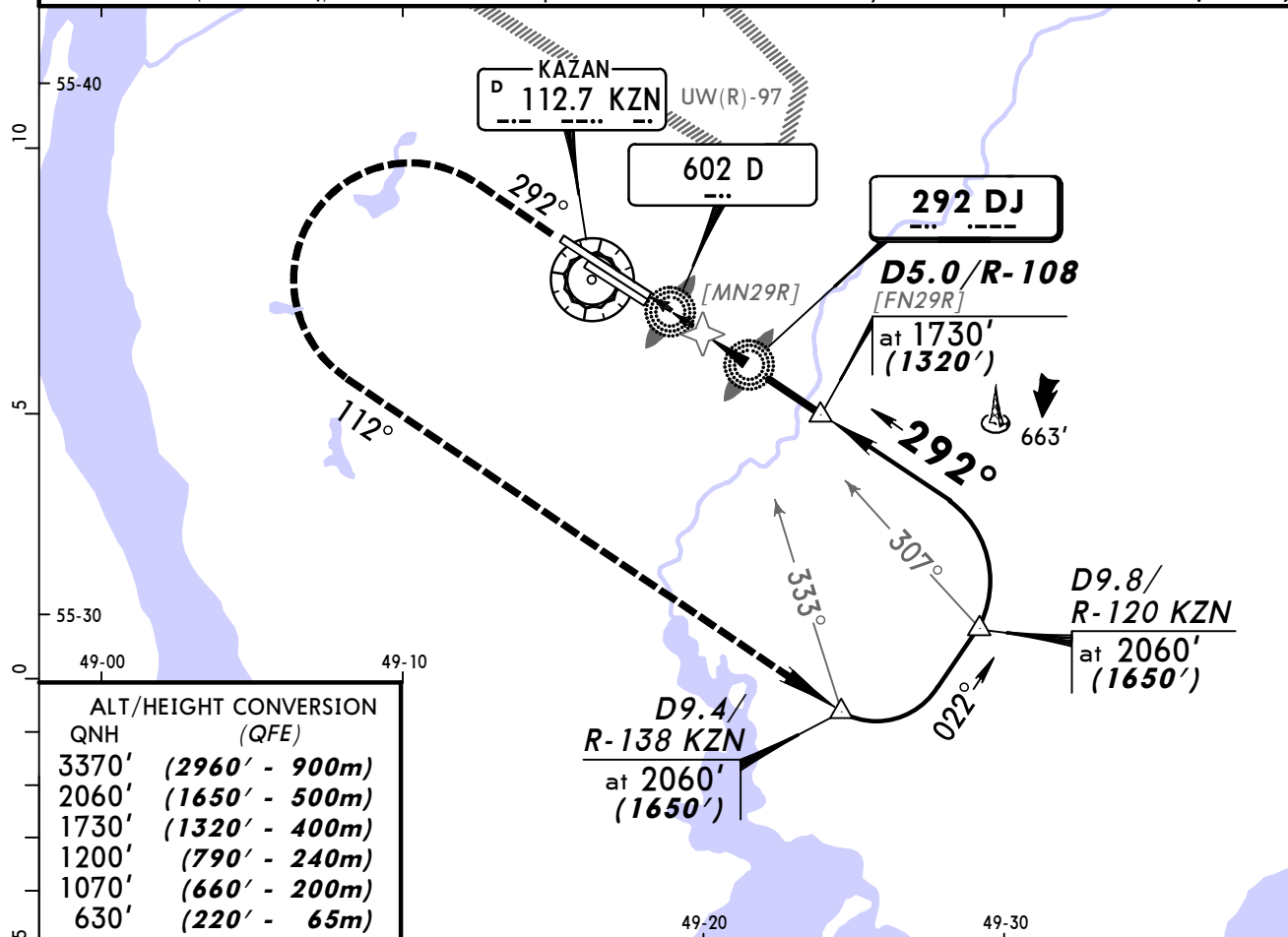
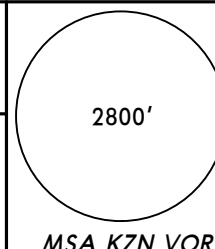
UWKD/KZN
KAZAN

JEPPESEN
4 NOV 11 **16-2** Eff 17 Nov

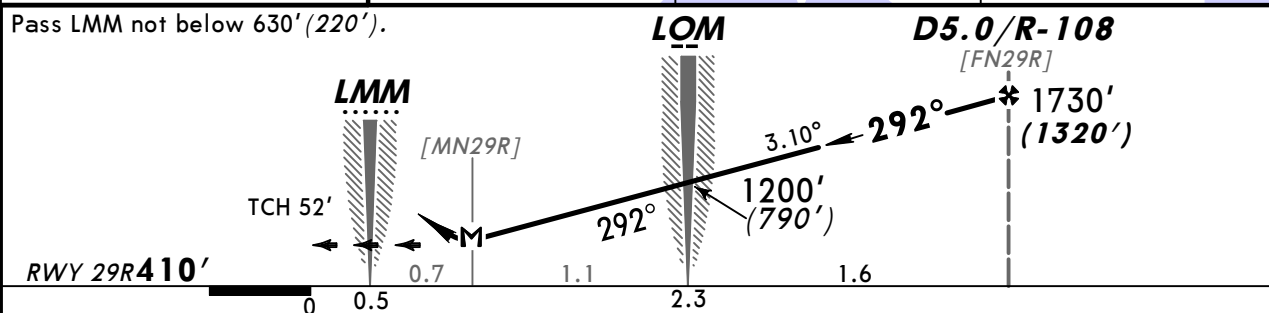
KAZAN, RUSSIA
2 NDB Rwy 29R

BRIEFING STRIP

ATIS 126.8	KAZAN Radar (APP/R) 119.4	KAZAN Tower (PAR) 120.3	KAZAN Start (TWR) 120.3	Taxiing (GND) 121.7
NDB DJ 292	Final Apch Crs 292°	Minimum Alt D5.0 1730' (1320')	MDA(H) 860' (450')	Apt Elev 414' RWY 410'
MISSED APCH: Climb on 292° to 1070' (660'), then turn LEFT onto 112° climbing to 2060' (1650'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3370' (2960')				



Pass LMM not below 630' (220').



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1070' (660')	on 292°	112°	2060' (1650')
Descent angle	3.10°	384	494	548	658	768	878	PAPI			
LOM to MAP	1.1	0:57	0:44	0:40	0:33	0:28	0:25				

STRAIGHT-IN LANDING RWY 29R

MDA(H) 860' (450')

ALS out

PANS OPS

A											
B											
C											
D											

CHANGES: 1 NDB procedure withdrawn.

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KAZAN, (KAZAN - UWKD)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UWKD

Chart Change Notices for Country RUS

Type: Gen Tmnl

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

The Russian CAA provided major changes for the AIRAC cycle effective 17 November 2011, including implementation of RVSM separation techniques and ICAO flight level system, airspace alignment and change of the existing coordinates standard to PZ-90.02. Also affected by the change are the countries of Afghanistan, Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, and Uzbekistan. We have also received late sources effective 17 November 2011. Please continue to refer to the notices published for the individual airports and our website. www.jepesen.com/eurasiachange.