

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UWKD

Terminal Charts For UWKD

Revision Letter For Cycle 08-2013

Change Notices

Notebook

General Information

Location: Kazan Rus
IATA Code: KZN
Lat/Long: N55° 36.4' E049° 16.8'
Elevation: 414 ft

Airport Use: Public
Magnetic Variation: 12.7°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: 0140 Z
Sunset: 1547 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

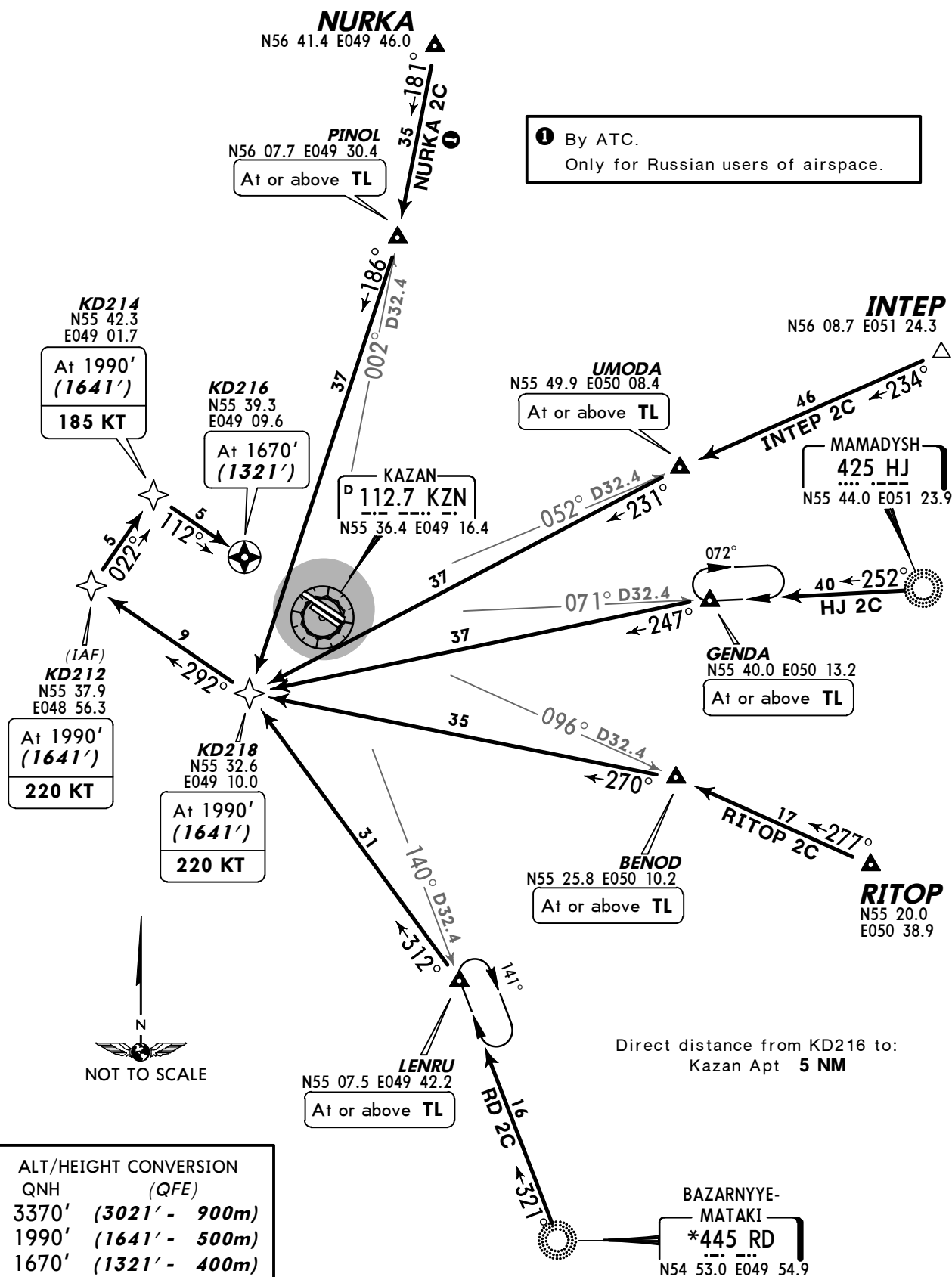
Runway: 29R
Length x Width: 12218 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 410 ft
Lighting: Edge, ALS, Centerline, TDZ

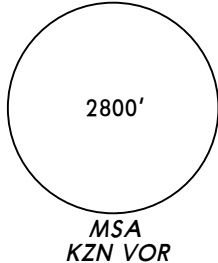
Communication Information

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

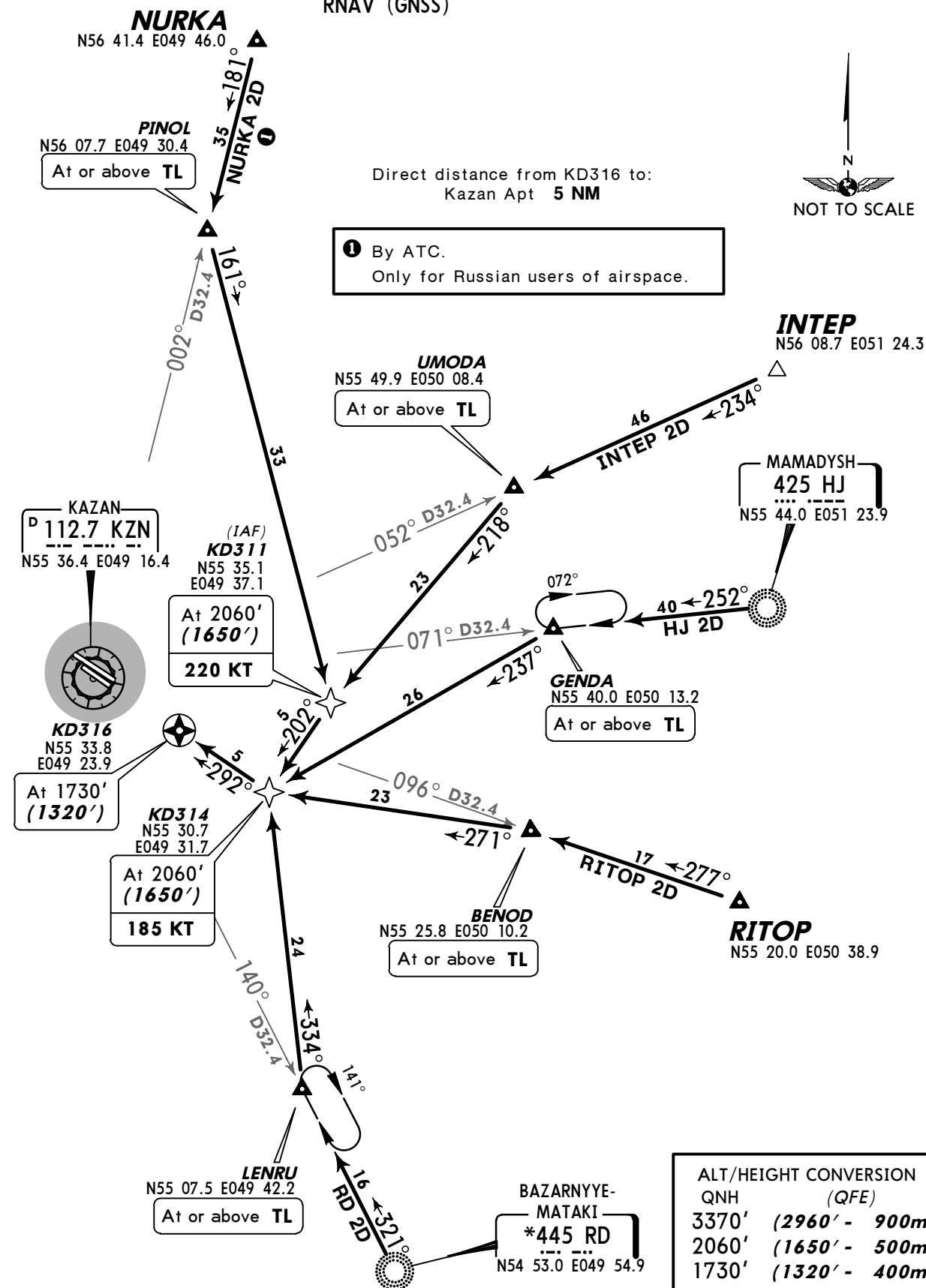
ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3021') WARNING: Turns shall be carried out with a bank of 25°.	2800' MSA KZN VOR
Apt Elev 414'		

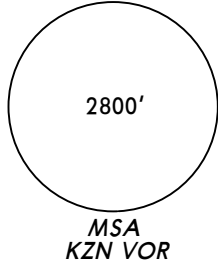
HJ 2C, INTEP 2C [INTE2C], NURKA 2C [NURK2C] ①
RD 2C, RITOP 2C [RITO2C]
RWY 11L RNAV ARRIVALS
RNAV (GNSS)



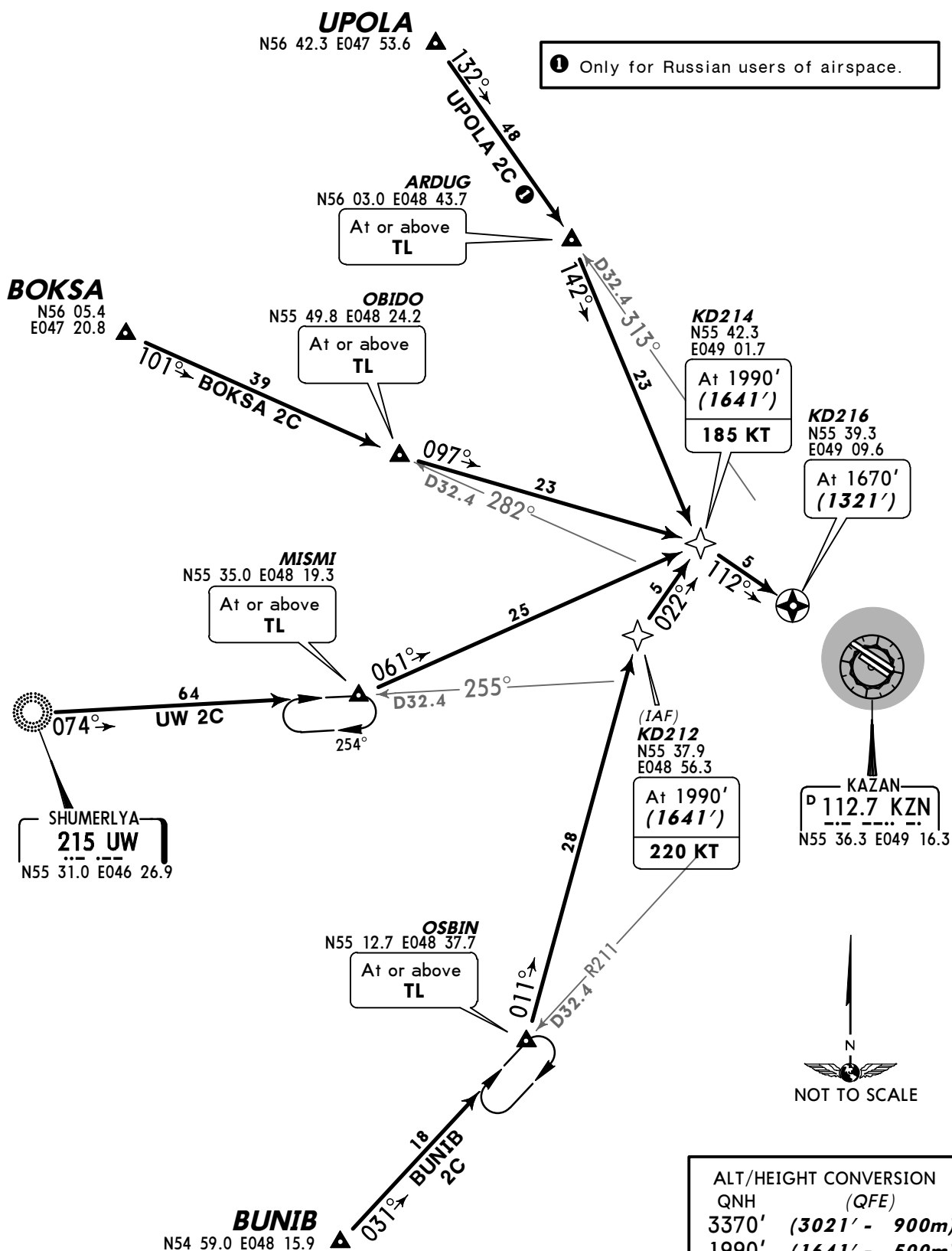
ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL70 if pressure is 721 mm (961.3 hPa) or less	
Apt Elev 414'	Trans alt: 3370' (2960') WARNING: Turns shall be carried out with a bank of 25°.	

HJ 2D, INTEP 2D [INTE2D], NURKA 2D [NURK2D] ①
RD 2D, RITOP 2D [RITO2D]
RWY 29R RNAV ARRIVALS
RNAV (GNSS)



ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3021')	
Apt Elev 414'	WARNING: Turns shall be carried out with a bank of 25°.	

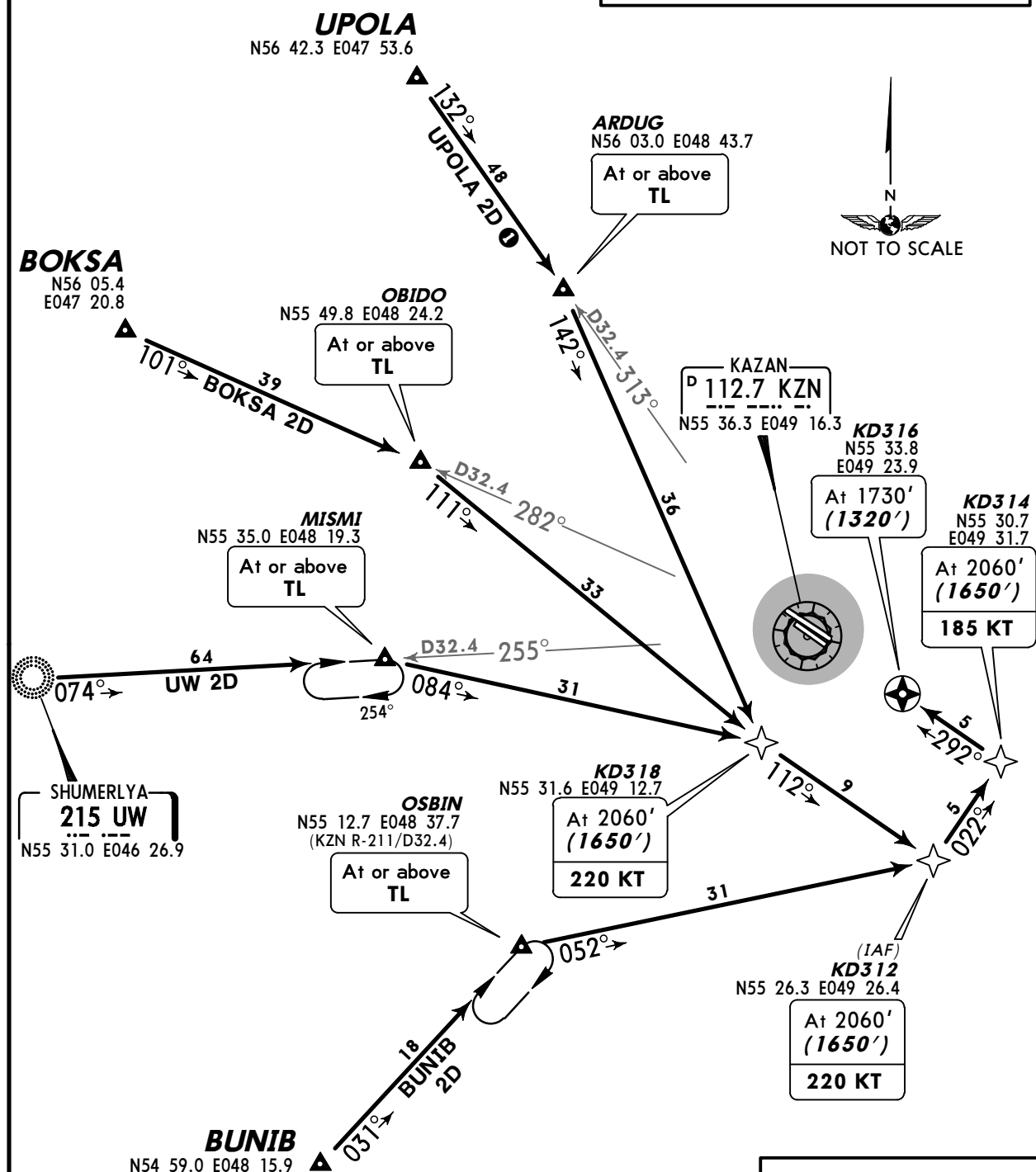
**BOKSA 2C [BOKS2C], BUNIB 2C [BUNI2C]
UPOLA 2C [UPOL2C]①, UW 2C
RWY 11L RNAV ARRIVALS
RNAV (GNSS)**

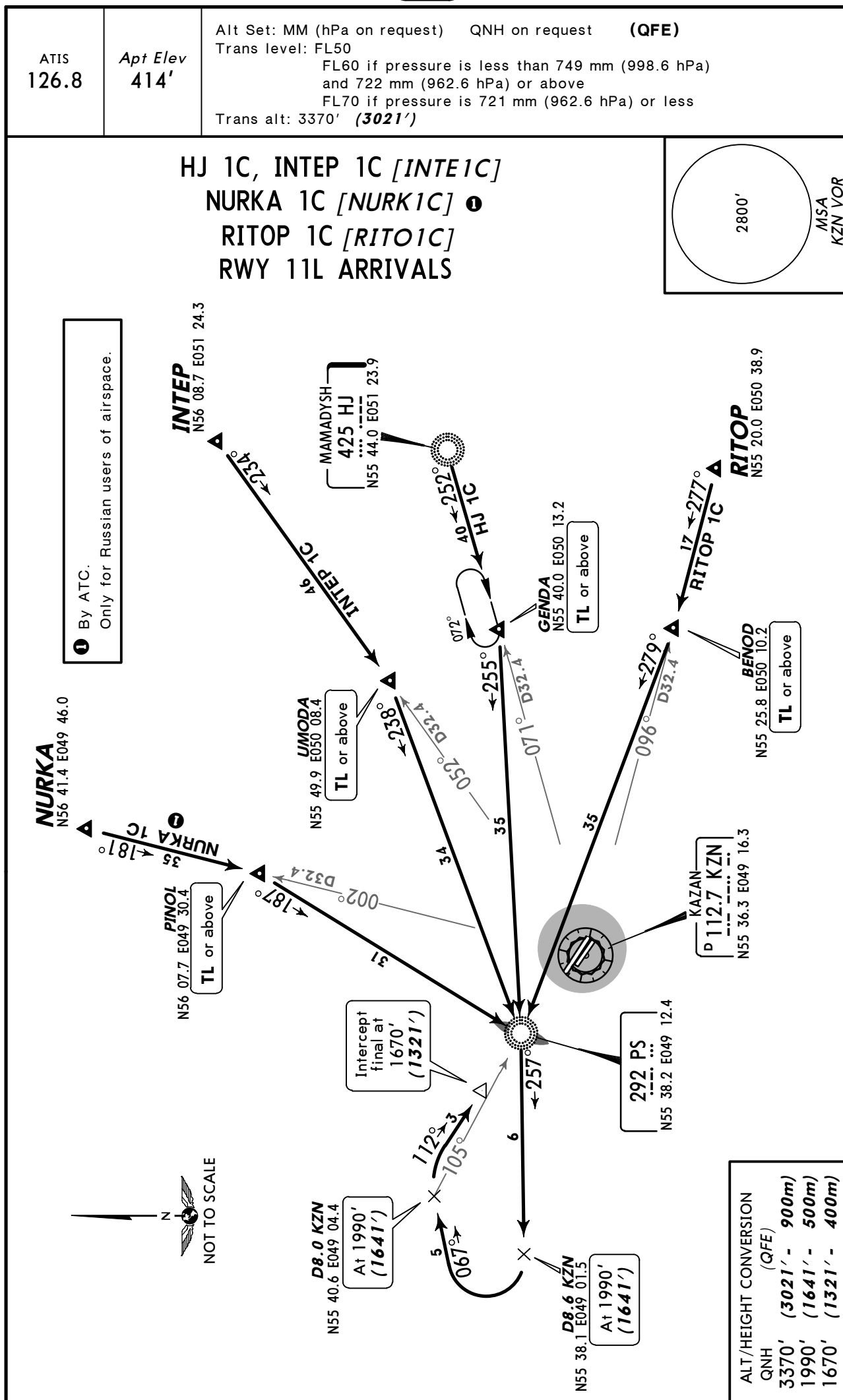


ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960') WARNING: Turns shall be carried out with a bank of 25°.	2800' MSA KZN VOR
Apt Elev 414'		

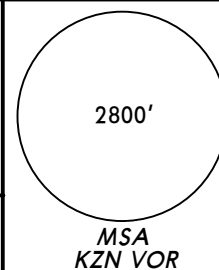
**BOKSA 2D [BOKS2D], BUNIB 2D [BUNI2D]
UPOLA 2D [UPOL2D]①, UW 2D
RWY 29R RNAV ARRIVALS
RNAV (GNSS)**

① Only for Russian users of airspace.

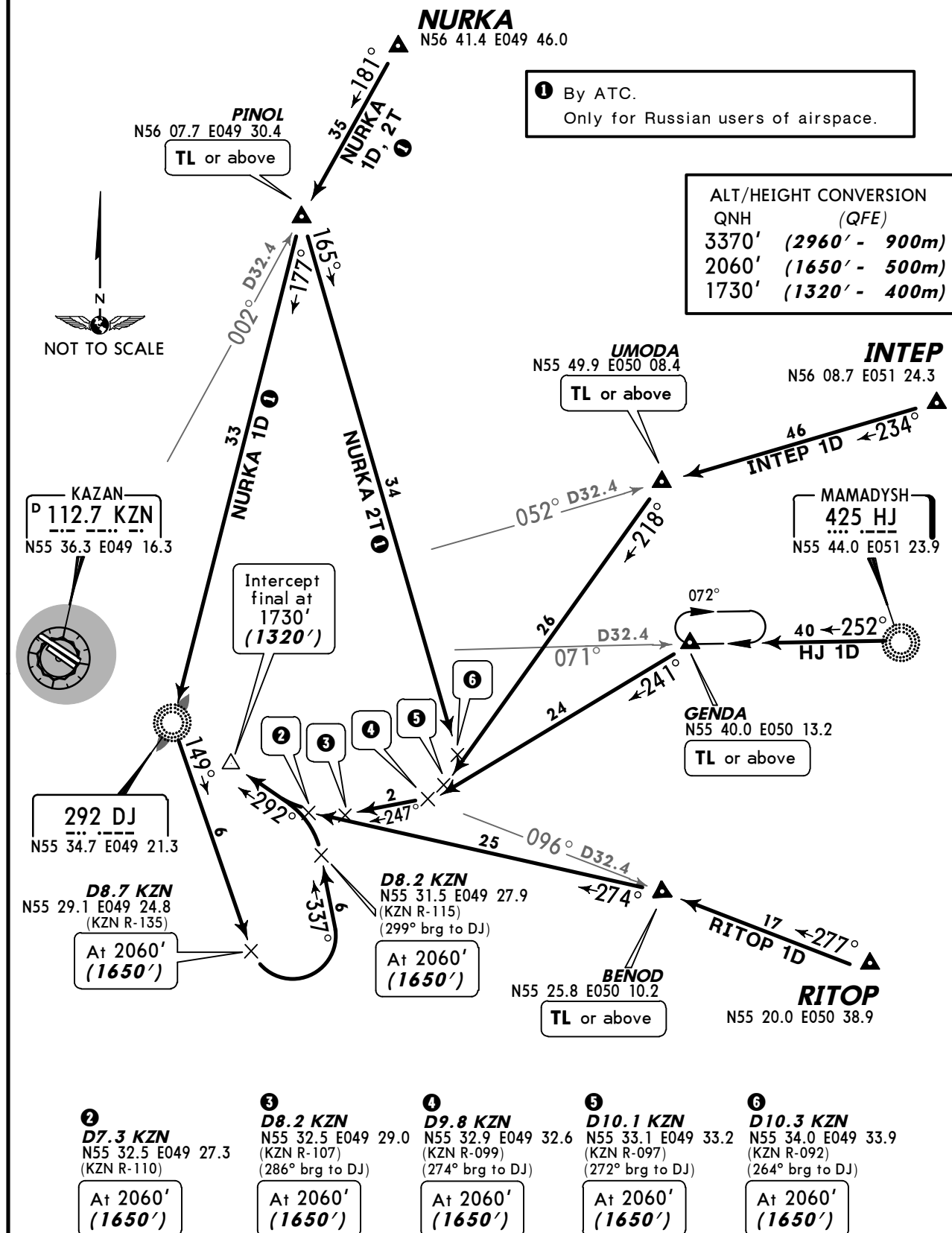




ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL70 if pressure is 721 mm (961.3 hPa) or less
Apt Elev 414'	Trans alt: 3370' (2960')

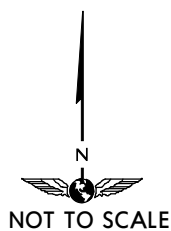
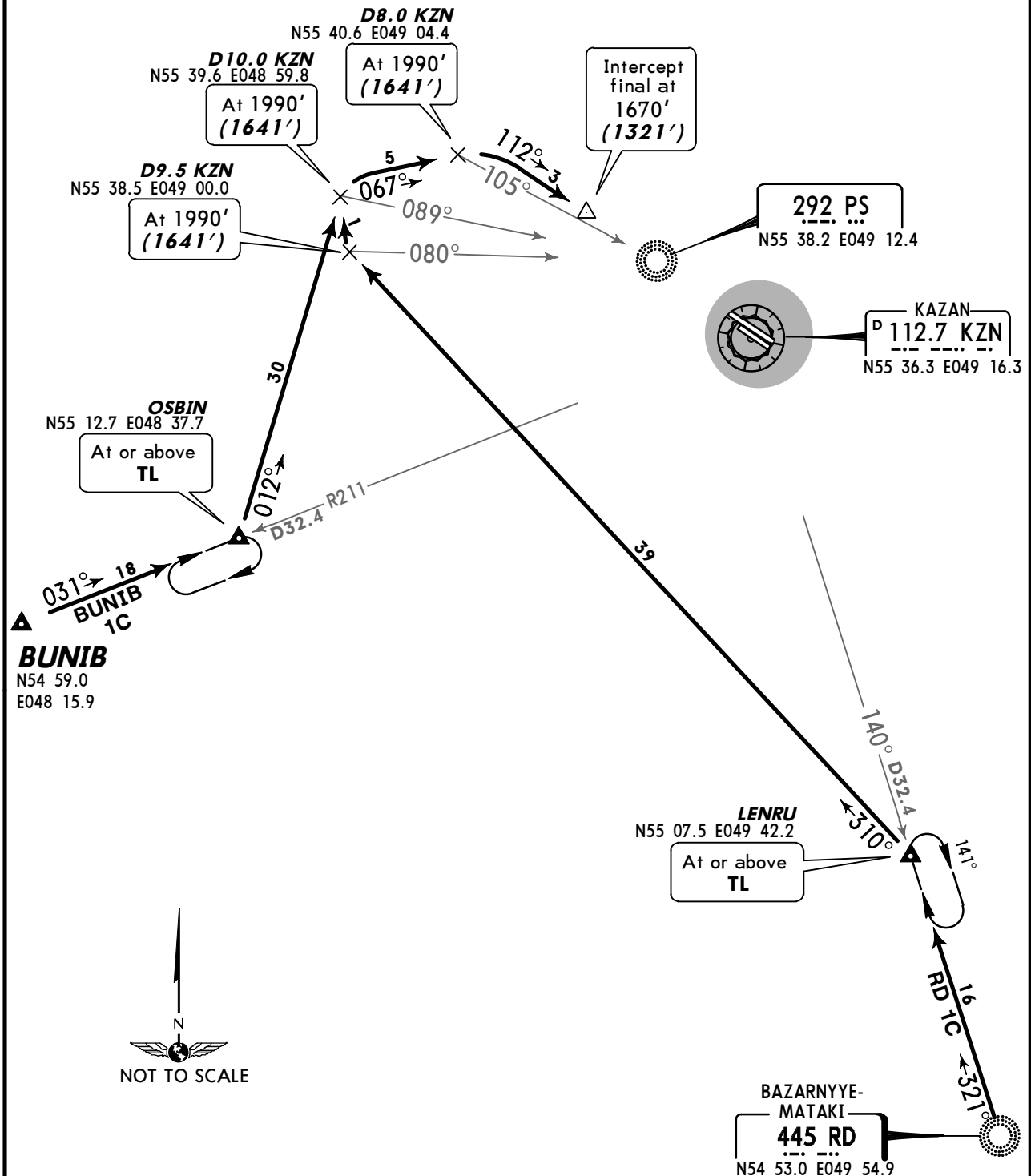


HJ 1D, INTER 1D [INTE1D], NURKA 1D [NURK1D] ① NURKA 2T [NURK2T] ①, RITOP 1D [RITO1D] RWY 29R ARRIVALS



ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3021')	2800' MSA KZN VOR
Apt Elev 414'		

**BUNIB 1C [BUNI1C], RD 1C
RWY 11L ARRIVALS**

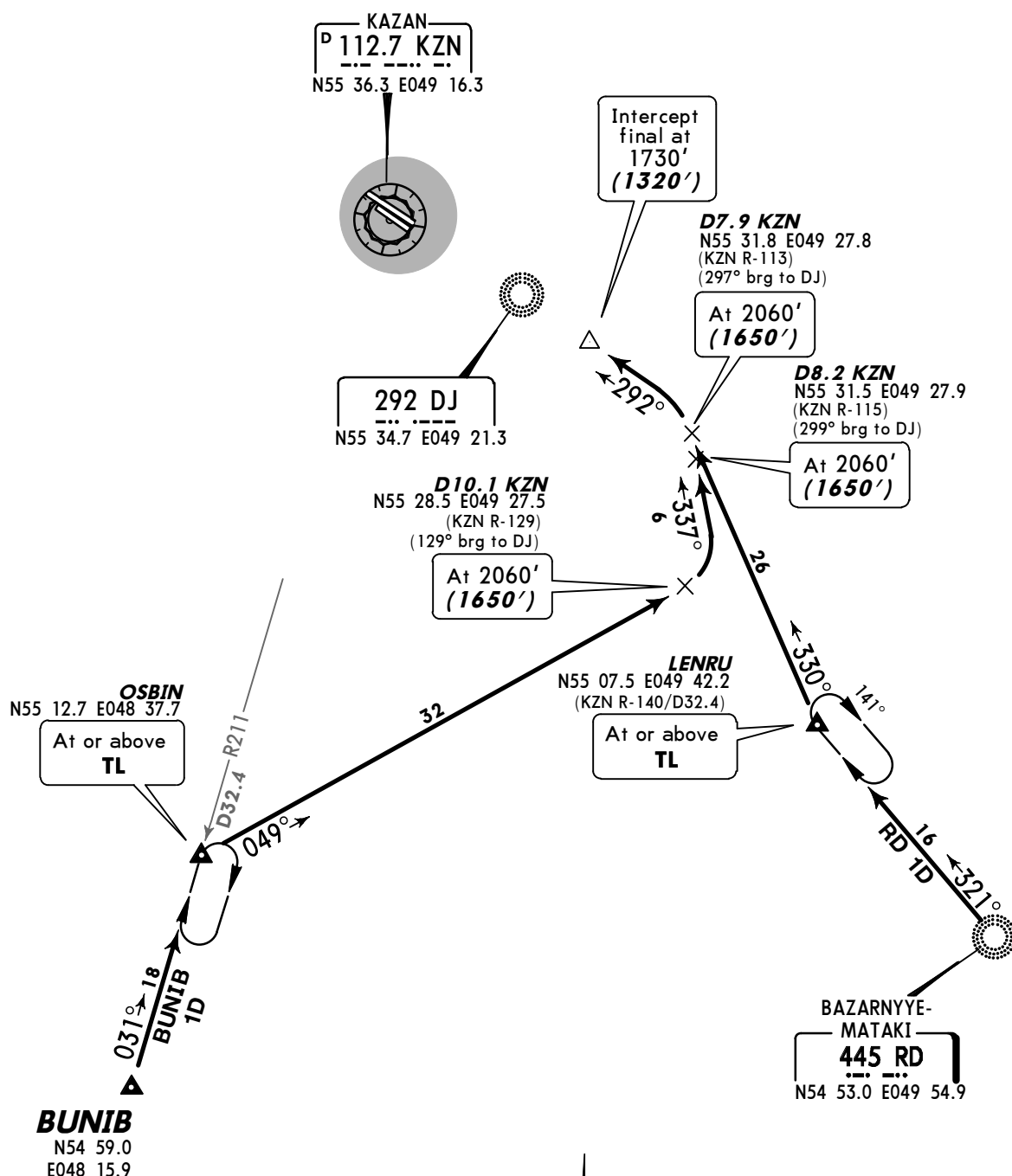


ALT/HEIGHT CONVERSION

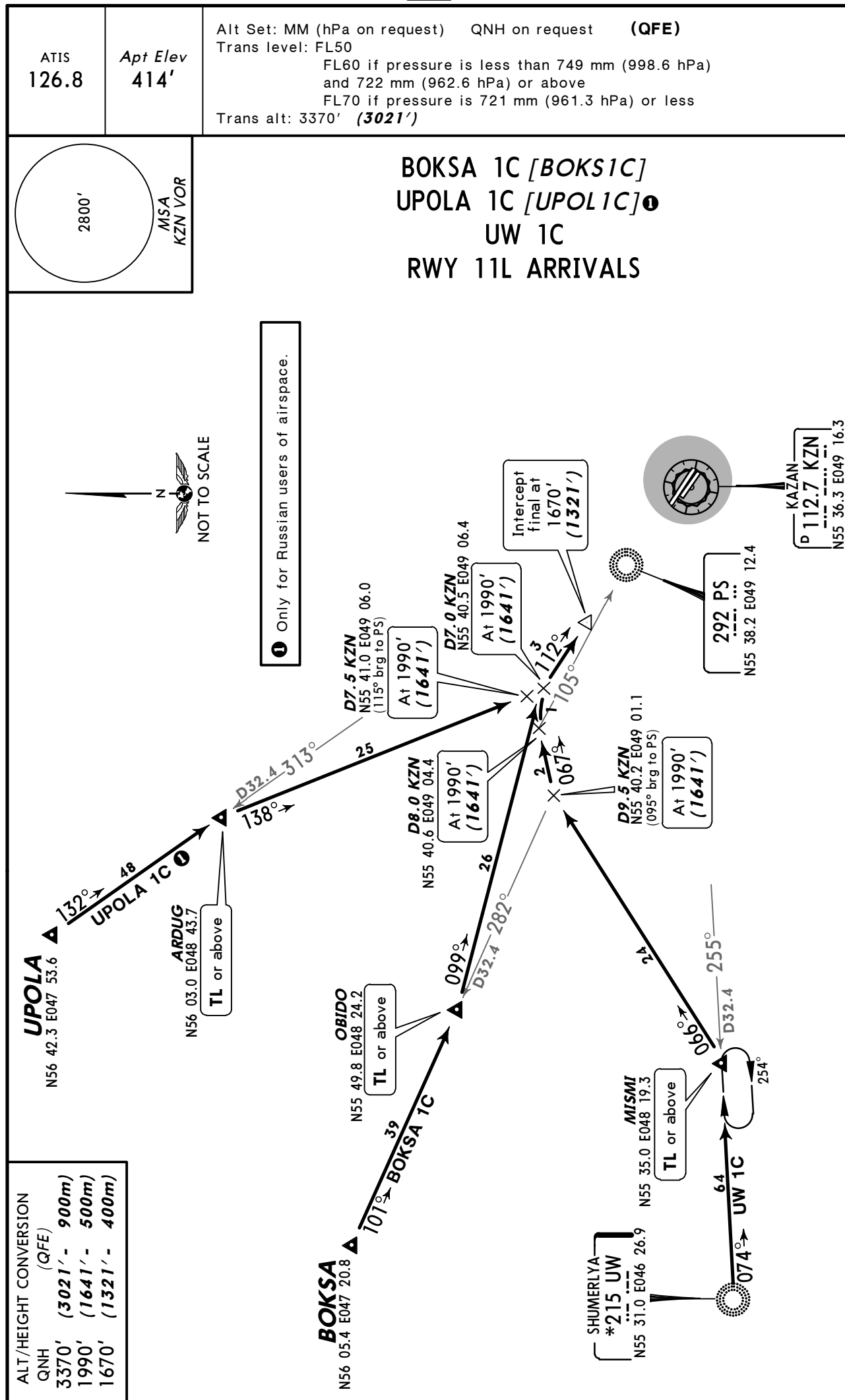
QNH	(QFE)
3370'	(3021' - 900m)
1990'	(1641' - 500m)
1670'	(1321' - 400m)

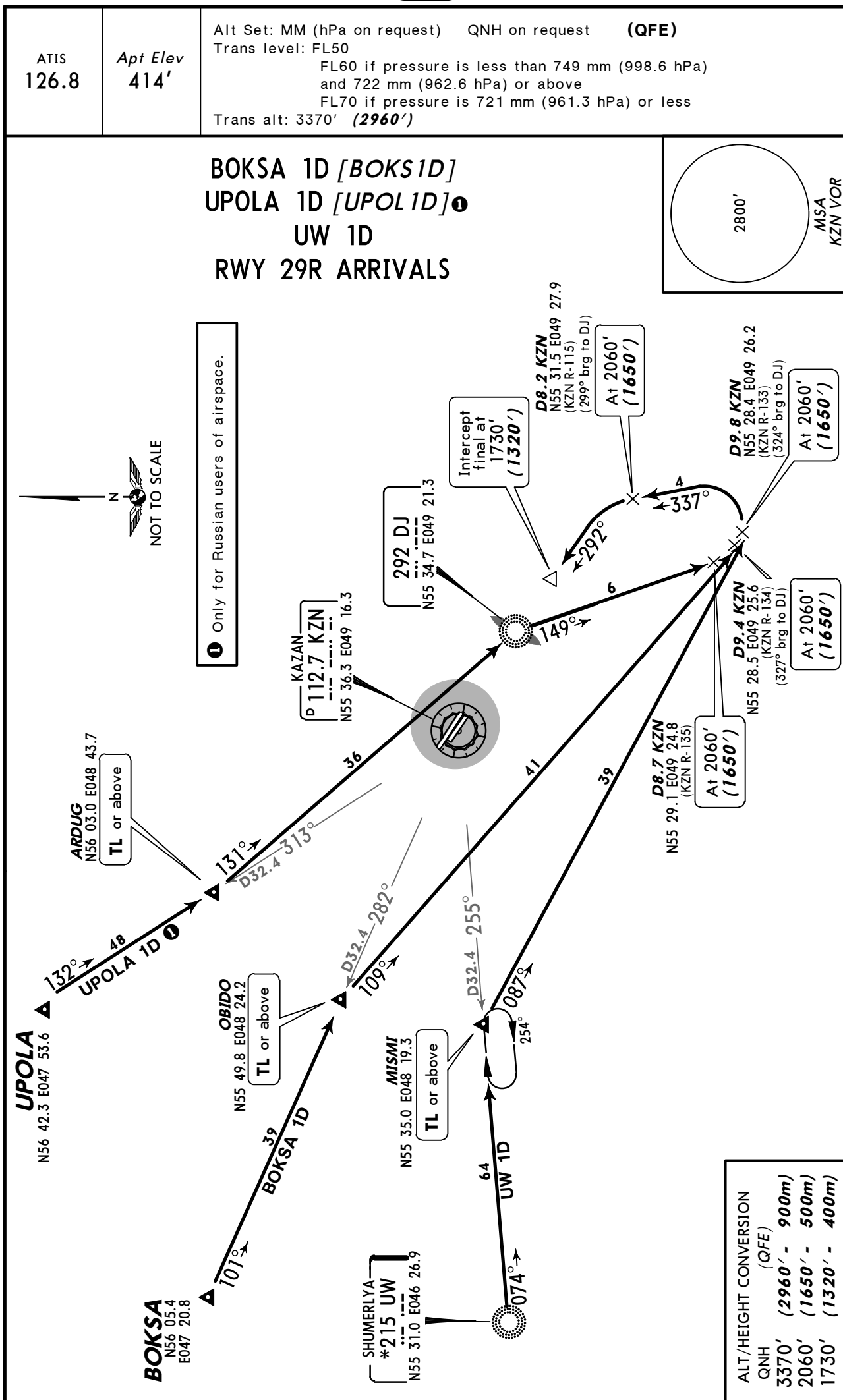
ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is less than 749 mm (998.6 hPa) and 722 mm (962.6 hPa) or above FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960')	2800' MSA KZN VOR
Apt Elev 414'		

BUNIB 1D [BUNI1D], RD 1D RWY 29R ARRIVALS



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





Apt Elev
414'

QNH on request (QFE)

Trans level: FL50

FL60 if pressure is less than 749 mm (998.6 hPa)
and 722 mm (962.6 hPa) or above

FL70 if pressure 721 mm (961.3 hPa) or less

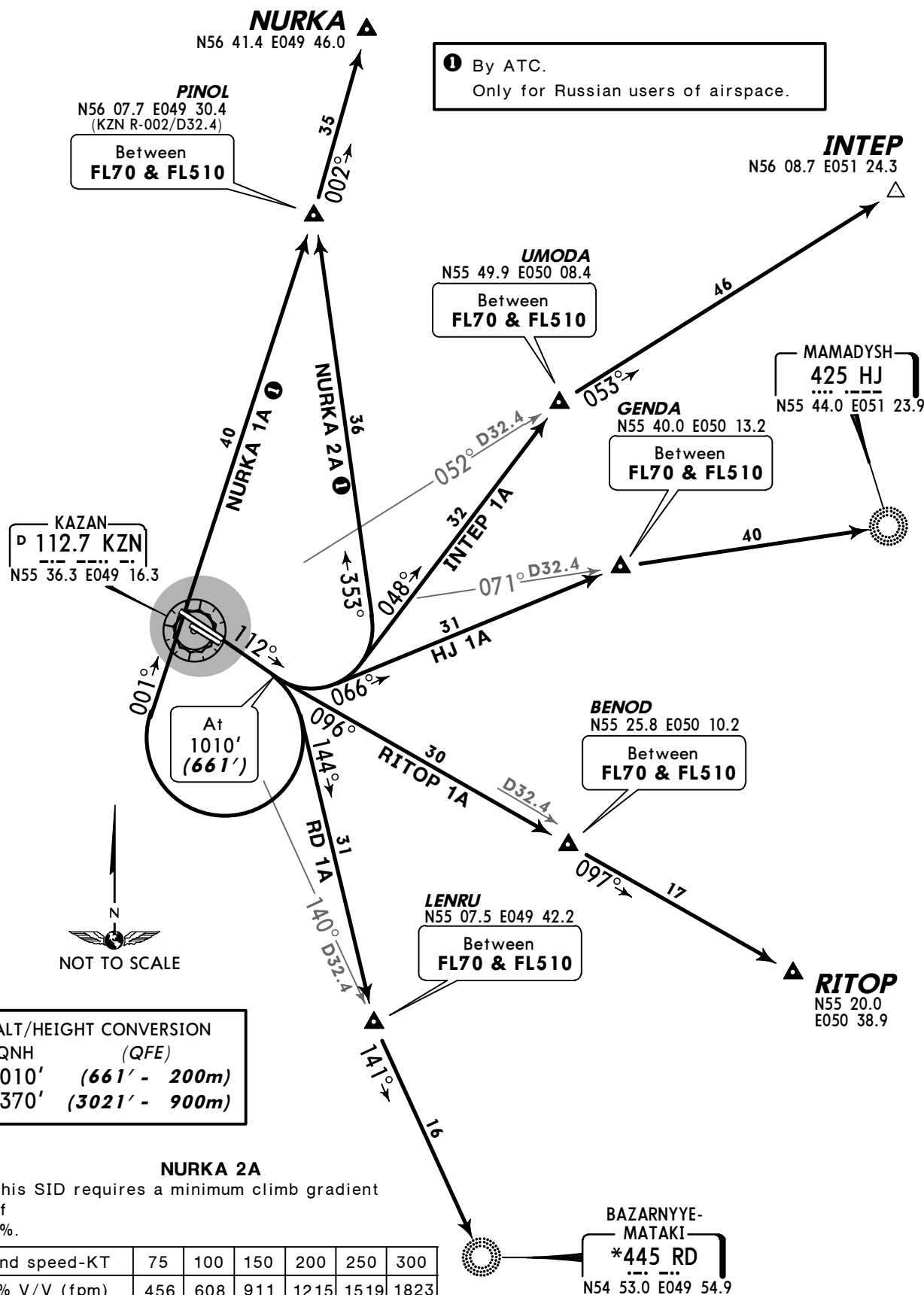
Trans alt: 3370' (3021')

FL by ATC

2800'

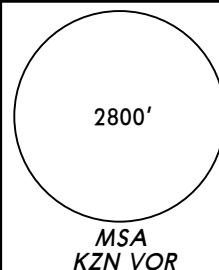
MSA
KZN VOR

HJ 1A, INTER 1A [INTE1A], NURKA 1A [NURK1A] ①
NURKA 2A [NURK2A] ①, RD 1A, RITOP 1A [RITO1A]
RWY 11L DEPARTURES

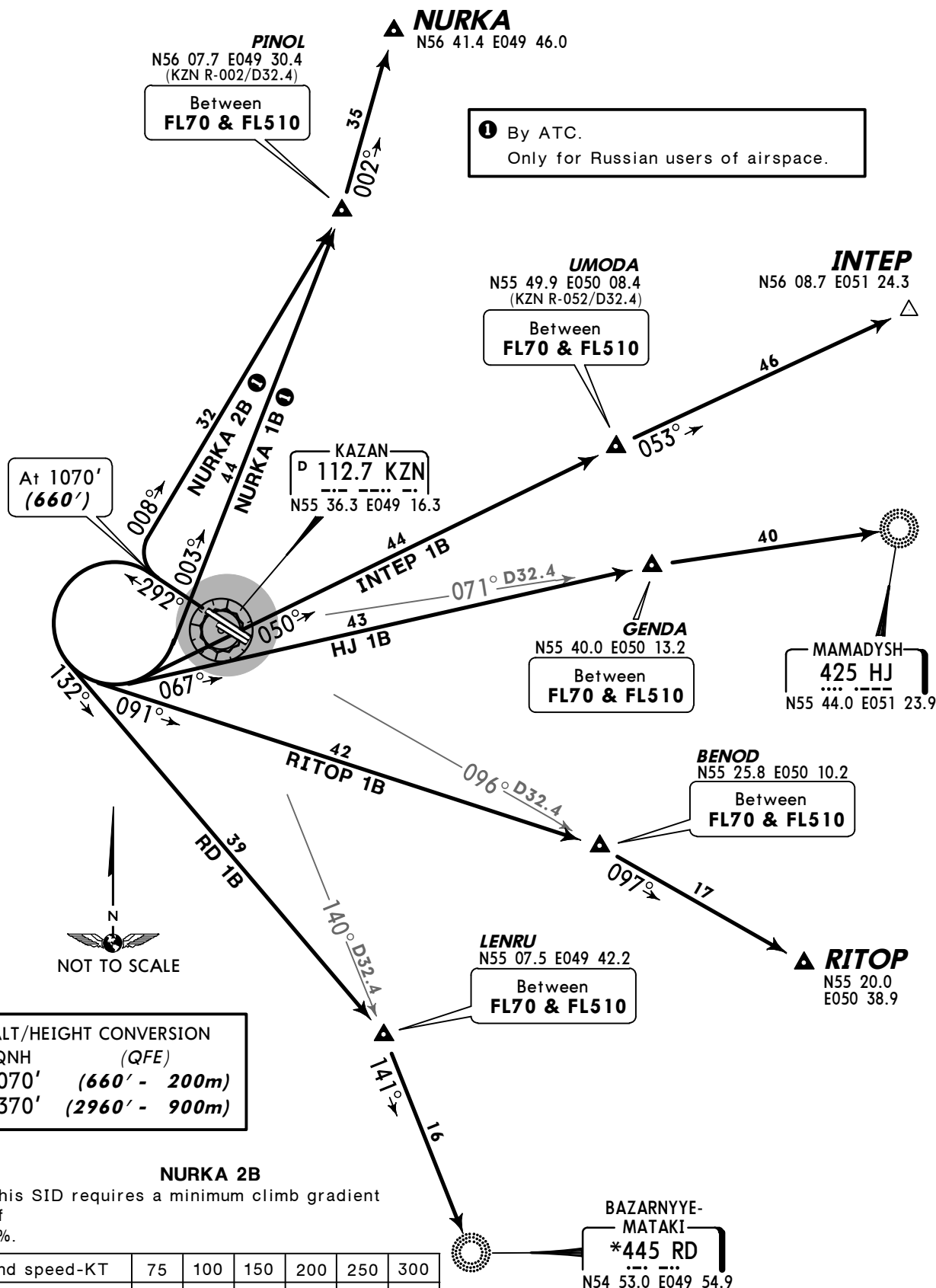


Apt Elev
414'

QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 749 mm (998.6 hPa)
and 722 mm (962.6 hPa) or above
FL70 if pressure 721 mm (961.3 hPa) or less
Trans alt: 3370' (2960')
FL by ATC

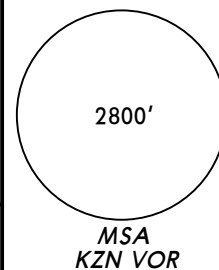


HJ 1B, INTER 1B [INTE1B], NURKA 1B [NURK1B] ①
NURKA 2B [NURK2B] ①, RD 1B, RITOP 1B [RITO1B]
RWY 29R DEPARTURES

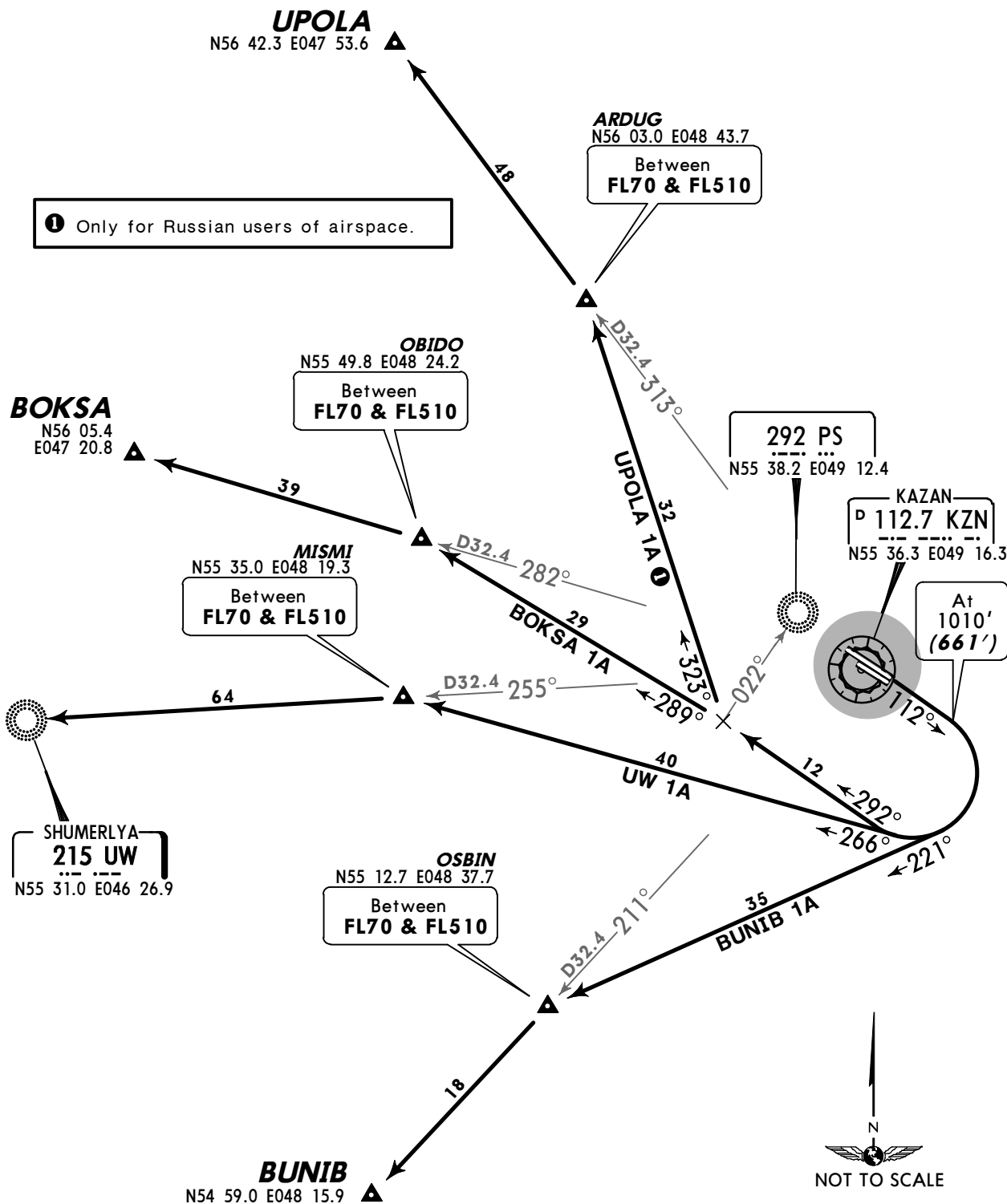


Apt Elev
414'

QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 749 mm (998.6 hPa)
and 722 mm (962.6 hPa) or above
FL70 if pressure 721 mm (961.3 hPa) or less
Trans alt: 3370' (3021')
FL by ATC



**BOKSA 1A [BOKS1A], BUNIB 1A [BUNI1A]
UPOLA 1A [UPOL1A] ①, UW 1A
RWY 11L DEPARTURES**



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

Apt Elev
414'

QNH on request (QFE)

Trans level: FL50

FL60 if pressure is less than 749 mm (998.6 hPa)
and 722 mm (962.6 hPa) or above

FL70 if pressure 721 mm (961.3 hPa) or less

Trans alt: 3370' (2960')

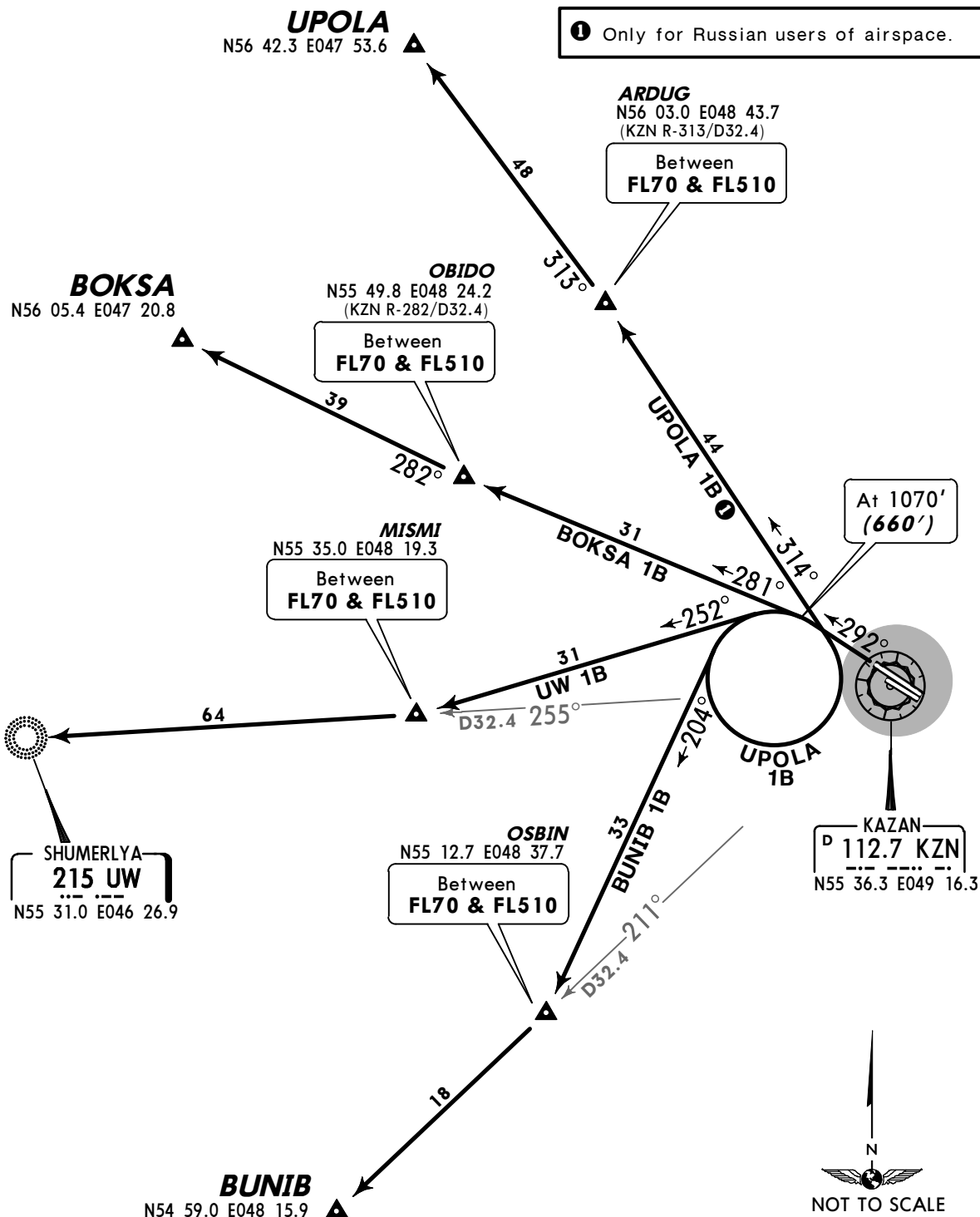
FL by ATC

2800'

MSA
KZN VOR

**BOKSA 1B [BOKS1B], BUNIB 1B [BUNI1B]
UPOLA 1B [UPOL1B] ①, UW 1B
RWY 29R DEPARTURES**

① Only for Russian users of airspace.



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.

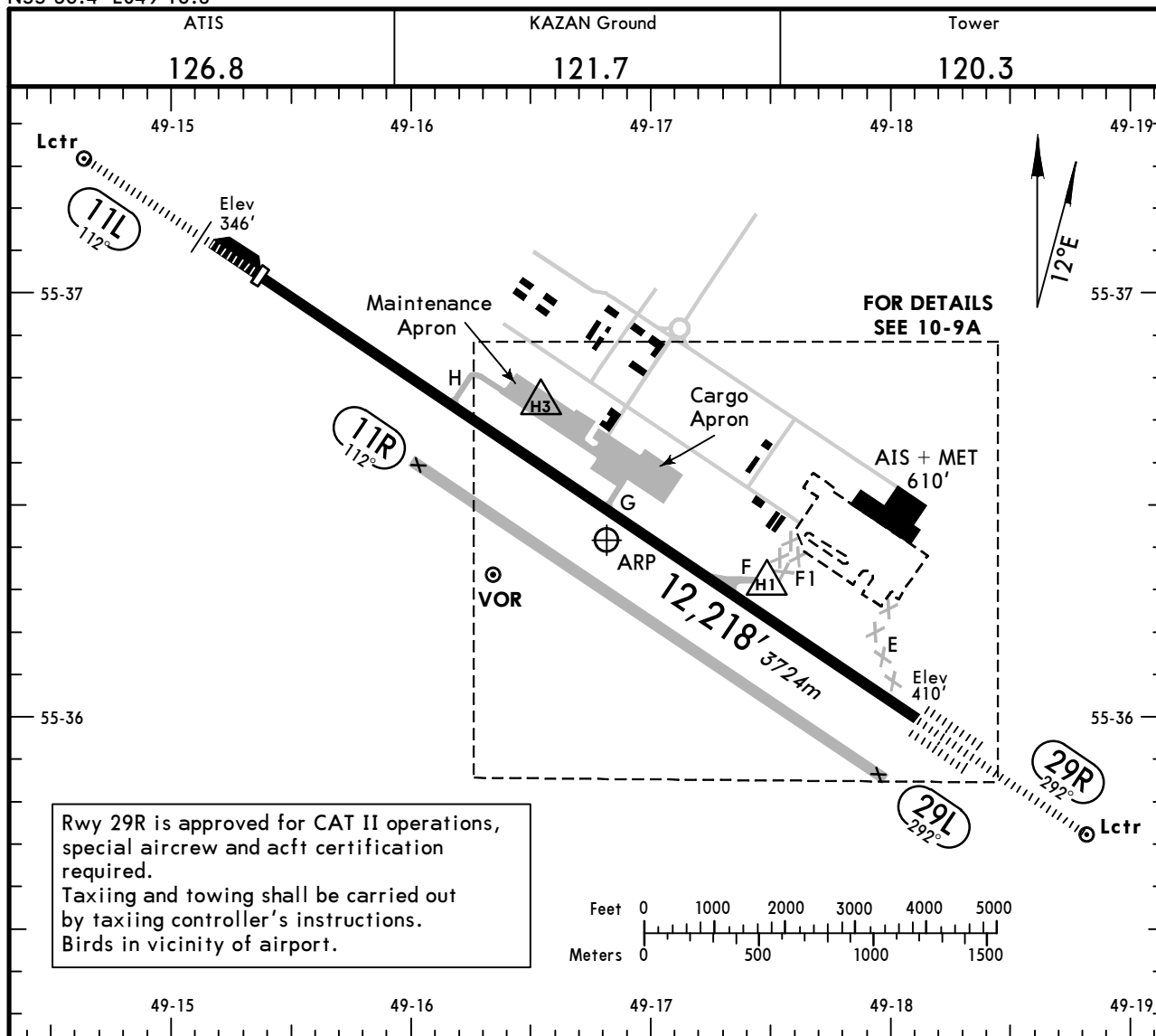
Noise abatement procedure during take-off shall not be carried out in cases of:

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

UWKD/KZN
Apt Elev 414'
N55 36.4 E049 16.8

JEPPESEN
22 JUN 12 10-9 Eff 28 Jun

KAZAN, RUSSIA
KAZAN



ADDITIONAL RUNWAY INFORMATION

		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
11L	HIRL(60m) CL(15m) HIALS PAPI-L(3.0°)	11,381' 3469m	10,591' 3228m	1	148'
29R	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°)		11,246' 3428m		45m
11R	Runway under reconstruction				
29L					

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)
twy F int 8655'(2638m)
twy G int 6791'(2070m)
twy H int 4127'(1258m)

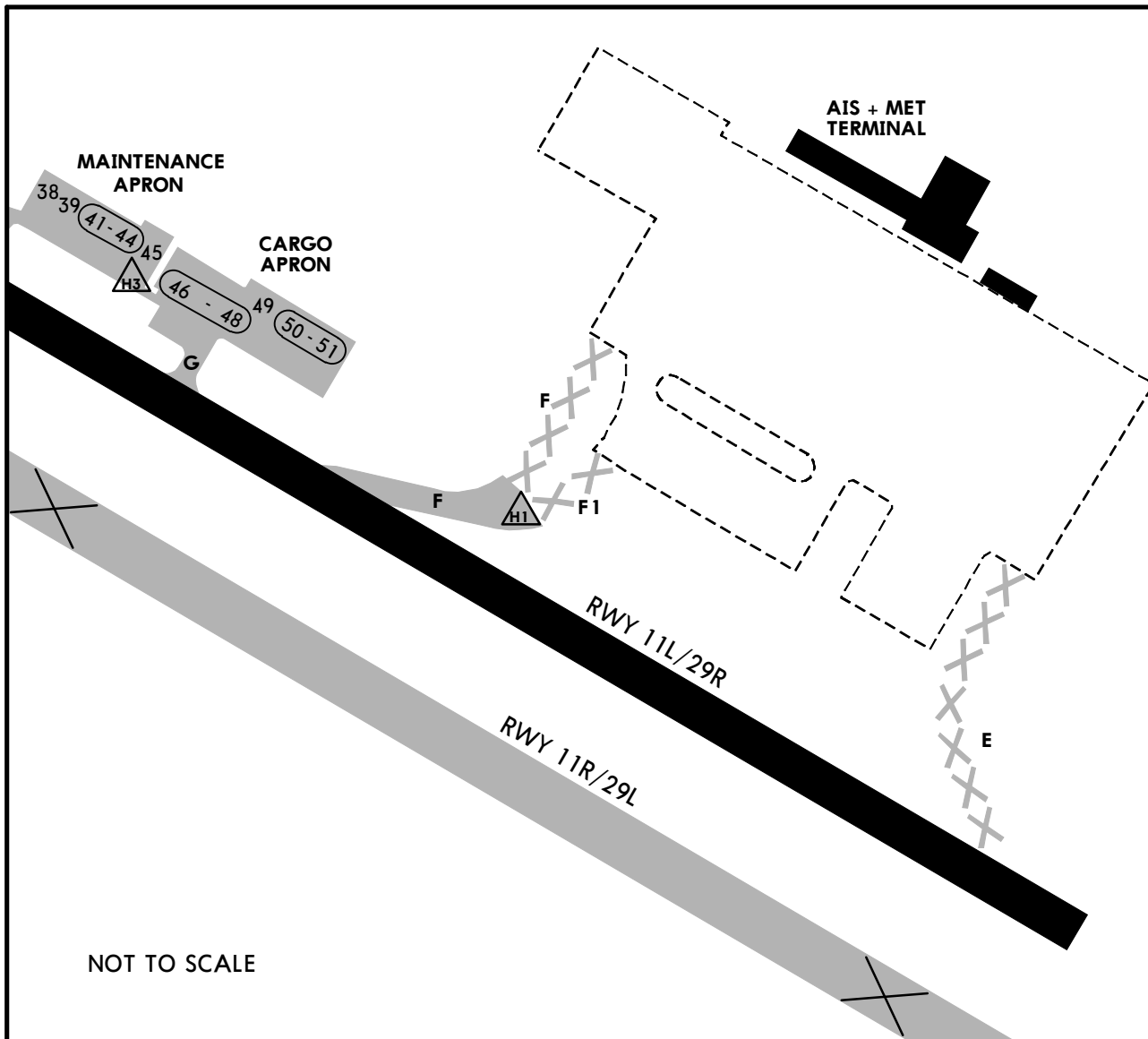
TAKE-OFF

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	


INS COORDINATES

STAND No.	COORDINATES
38, 39	N55 36.8 E049 16.5
41	N55 36.8 E049 16.6
42	N55 36.7 E049 16.6
43 thru 45	N55 36.7 E049 16.7
46	N55 36.6 E049 16.8
47, 48	N55 36.6 E049 16.9
49, 50	N55 36.6 E049 17.0
51	N55 36.5 E049 17.1

Use of stands 38 thru 44 and 46 thru 48 by towing.
 Stand 44 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
	RNAV ①	720' (371')	720' (371')	720' (371')	720' (371')
	<i>ALS out</i>	R1500m	R1500m	R1700m	R1700m
	2 NDB ①	680' (331')	680' (331')	680' (331')	680' (331')
	<i>ALS out</i>	R1500m	R1500m	R1500m	R1500m
	NDB ①	700' (351')	700' (351')	700' (351')	700' (351')
	<i>ALS out</i>	R1500m	R1500m	R1600m	R1600m
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
	RNAV ①	860' (450')	860' (450')	860' (450')	860' (450')
	<i>ALS out</i>	R1500m	R1500m	C2100m	C2100m
	NDB ①	860' (450')	860' (450')	860' (450')	860' (450')
	<i>ALS out</i>	R1500m	R1500m	C2100m	C2100m

① Continuous Descent Final Approach.

TAKE-OFF RWY 11L, 29R

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

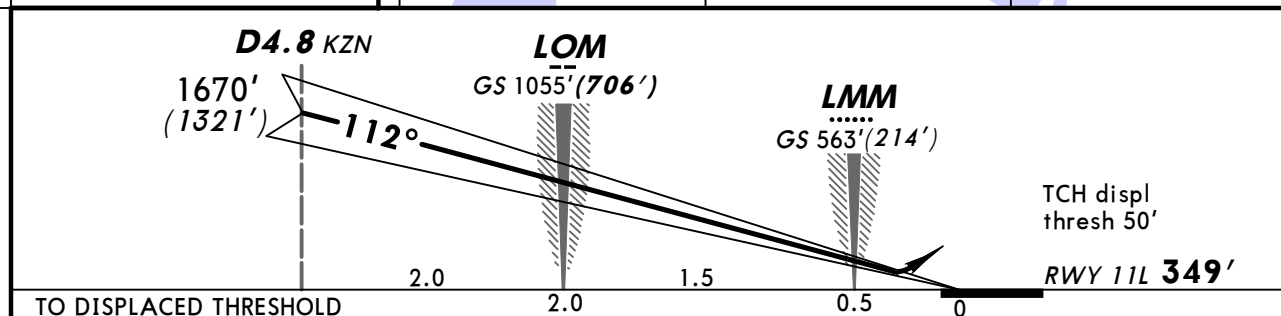
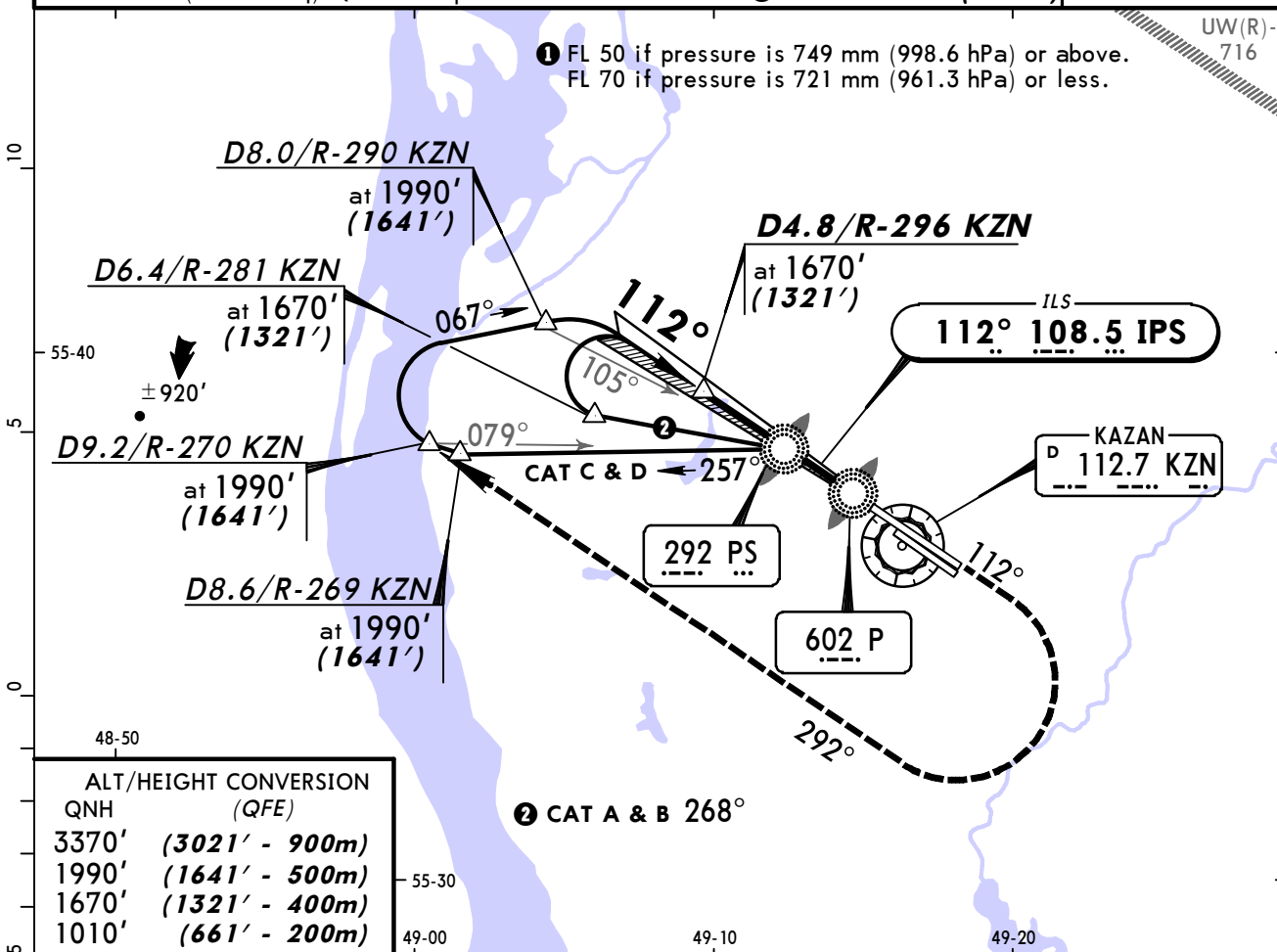
UWKD/KZN
KAZAN

JEPPESSEN
22 JUN 12 (11-1) Eff 28 Jun

KAZAN, RUSSIA
ILS Rwy 11L

BRIEFING STRIP

ATIS 126.8		KAZAN Radar (APP/R) 119.4		KAZAN Tower 120.3		Ground 121.7	
LOC IPS 108.5	Final Apch Crs 112°	GS LOM 1055'(706')	ILS DA(H) 549'(200')	Apt Elev 414'	2800' MSA KZN VOR		
MISSED APCH: Climb on 112° to 1010' (661'), then turn RIGHT onto 292° climbing to 1990' (1641'), then according to chart.							
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 ① Trans alt: 3370'(3021')							

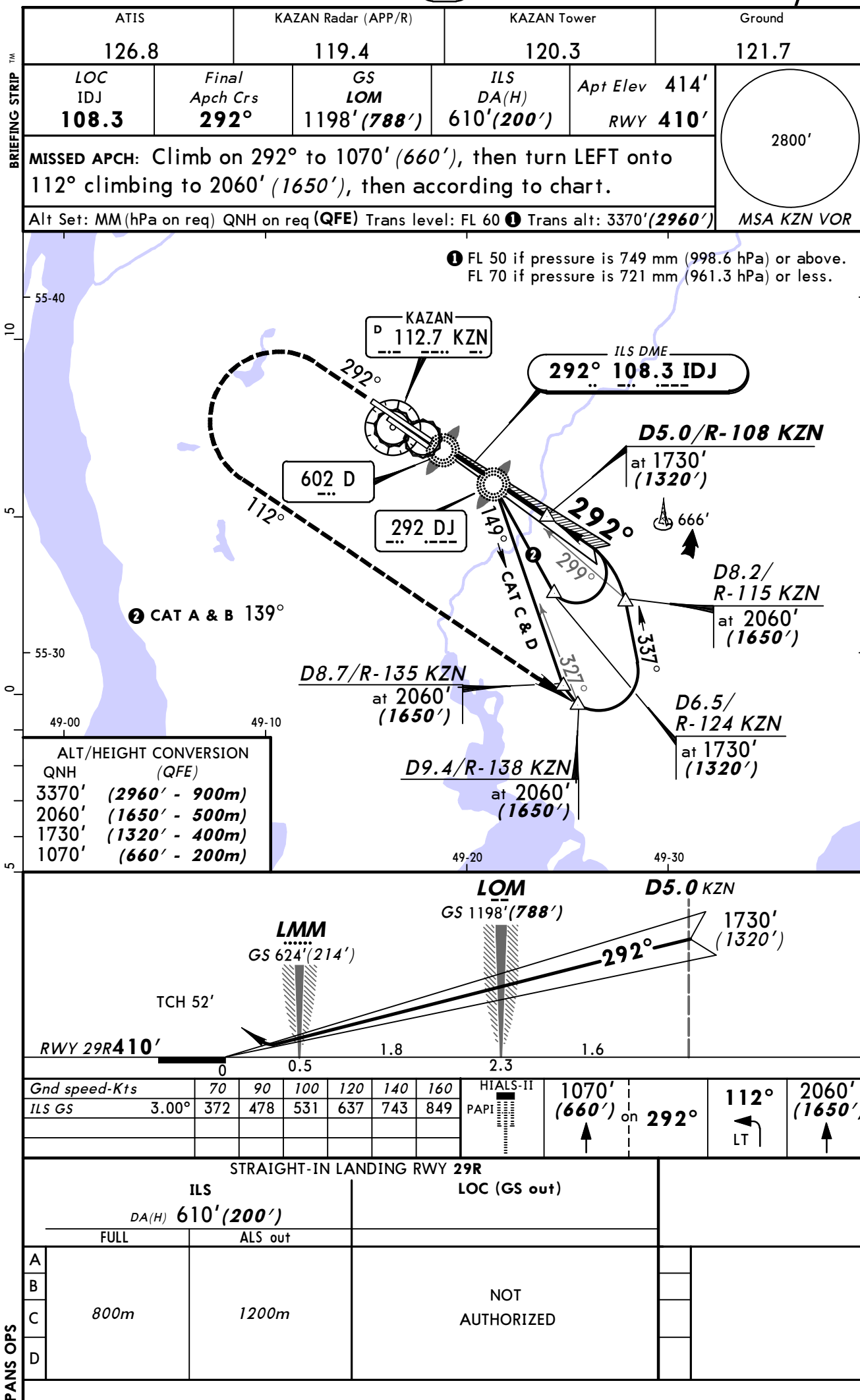


Gnd speed-Kts	70	90	100	120	140	160	HIALS	1010' (661')	112°	292°	1990' (1641')
ILS GS	3.00°	372	478	531	637	743	849	PAPI			

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

CHANGES: Communications. Procedure.

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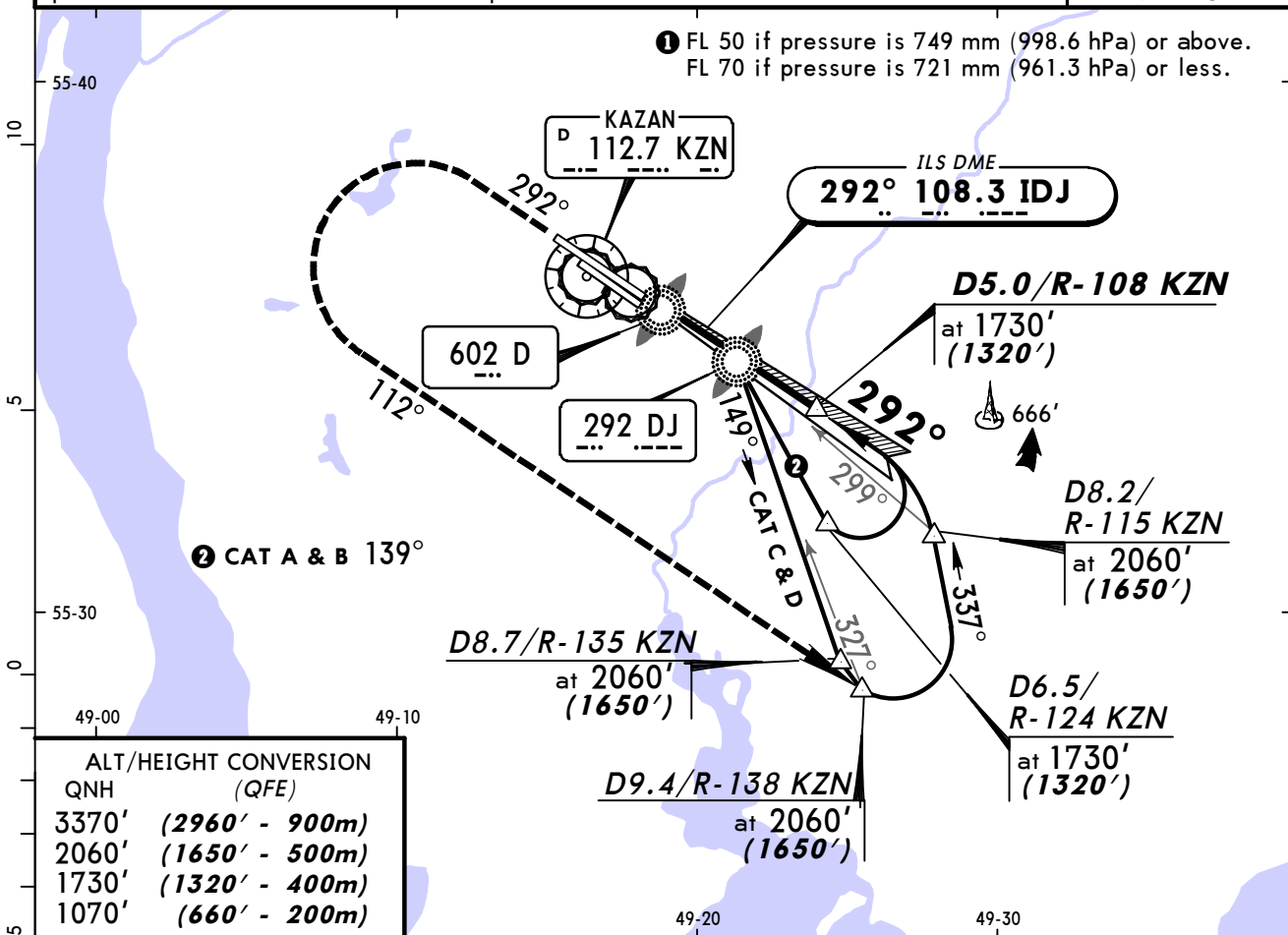
UWKD/KZN
KAZAN

22 JUN 12 11-2A Eff 28 Jun

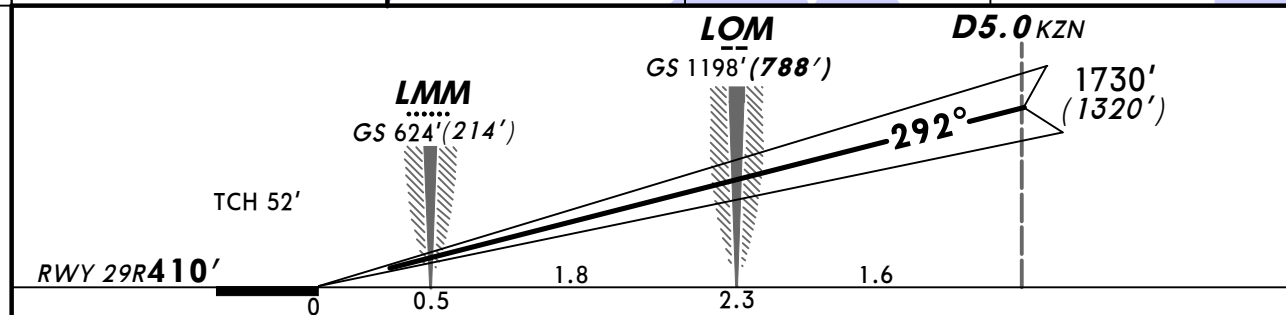
KAZAN, RUSSIA
CAT II ILS Rwy 29R

BRIEFING STRIP™

ATIS		KAZAN Radar (APP/R)		KAZAN Tower		Ground	
126.8		119.4		120.3		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'	2800' MSA KZN VOR		
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: FL 60 1 Trans alt: 3370' (2960') Special Aircrew & Acft Certification Required.							



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	HTALS-II	1070' (660')	on 292°	112°	2060' (1650')
GS	3.00°	372	478	531	637	743	849	PAPI		LT	

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

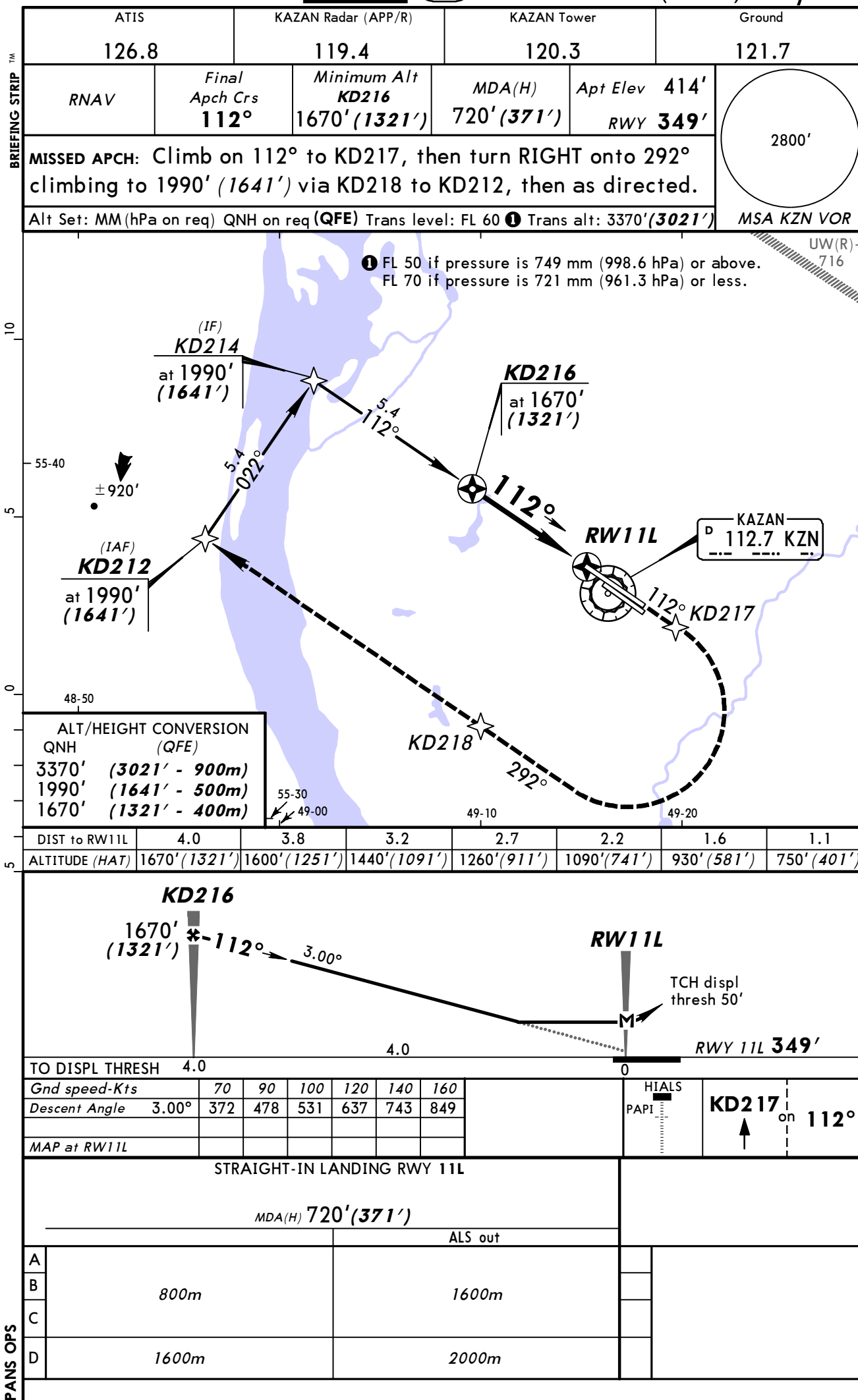
RVR 350m

PANS OPS

UWKD/KZN
KAZAN

22 JUN 12
Eff 28 Jun
JEPPESEN
12-1

KAZAN, RUSSIA
RNAV (GNSS) Rwy 11L



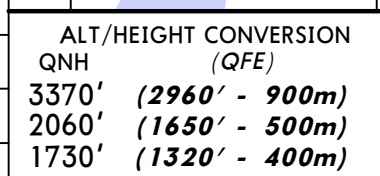
CHANGES: New procedure.

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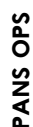
KAZAN, RUSSIA
RNAV (GNSS) Rwy 29R

BRIEFING STRIP TM

Date	Number of cases per 100,000 population
March 2020	0.0
April 2020	0.5
May 2020	8.5
June 2020	4.0
July 2020	2.0
August 2020	1.5
September 2020	1.0
October 2020	1.5
November 2020	4.5
December 2020	2.0
January 2021	1.5
February 2021	1.0
March 2021	1.5



DIST to RW29R	1.1	1.6	2.2	2.7	3.2	3.8	4.0
ALTITUDE (HAT)	810' (400')	990' (580')	1150' (740')	1320' (910')	1500' (1090')	1660' (1250')	1730' (1320')



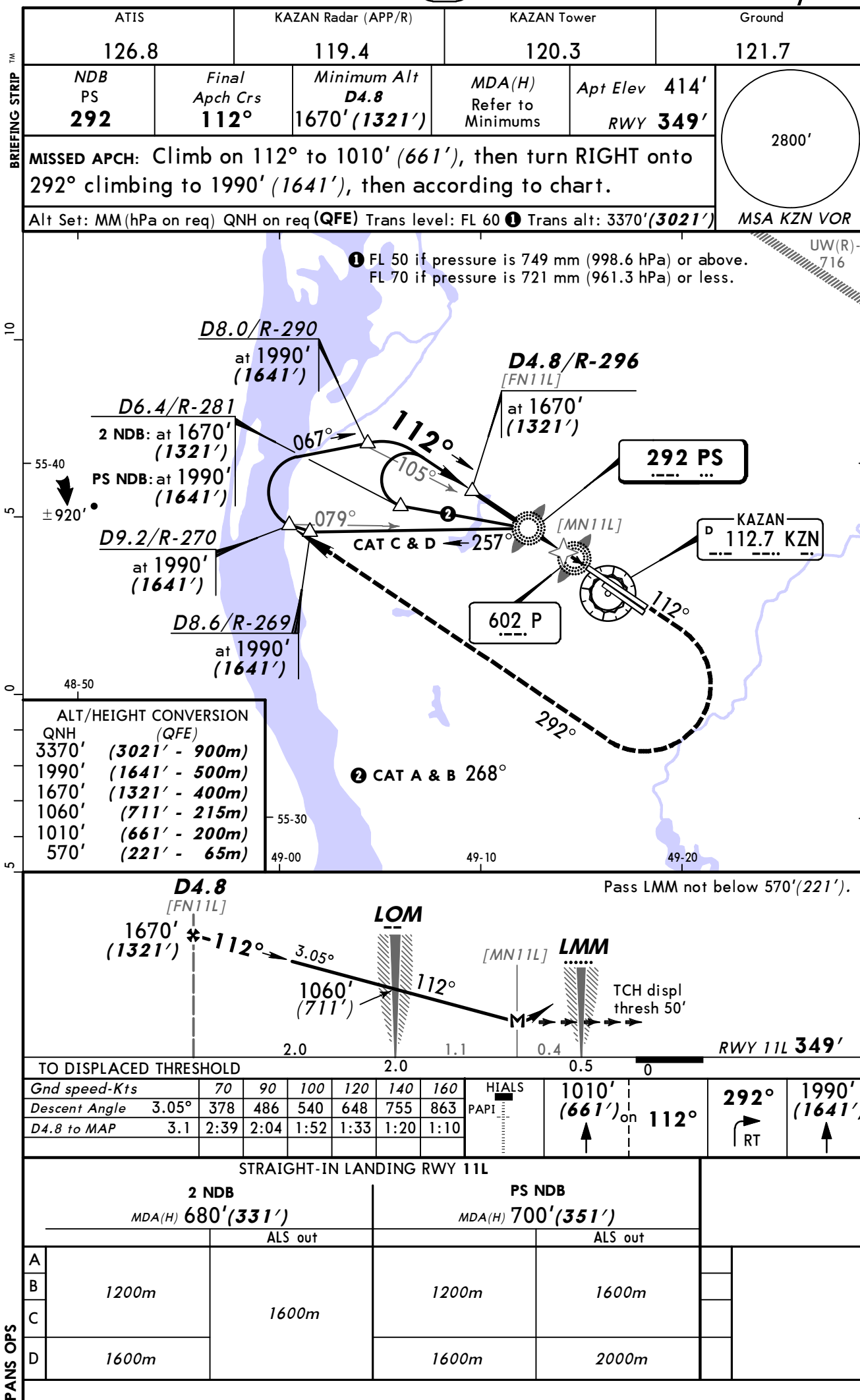
STRAIGHT-IN LANDING RWY 29R				
MDA(H) 860'(450')				
		ALS out		
A	800m	1600m		
B				
C	1200m	2000m		
D	1600m	2400m		

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UWKD/KZN
KAZAN

8 MAR 13 (16-1)

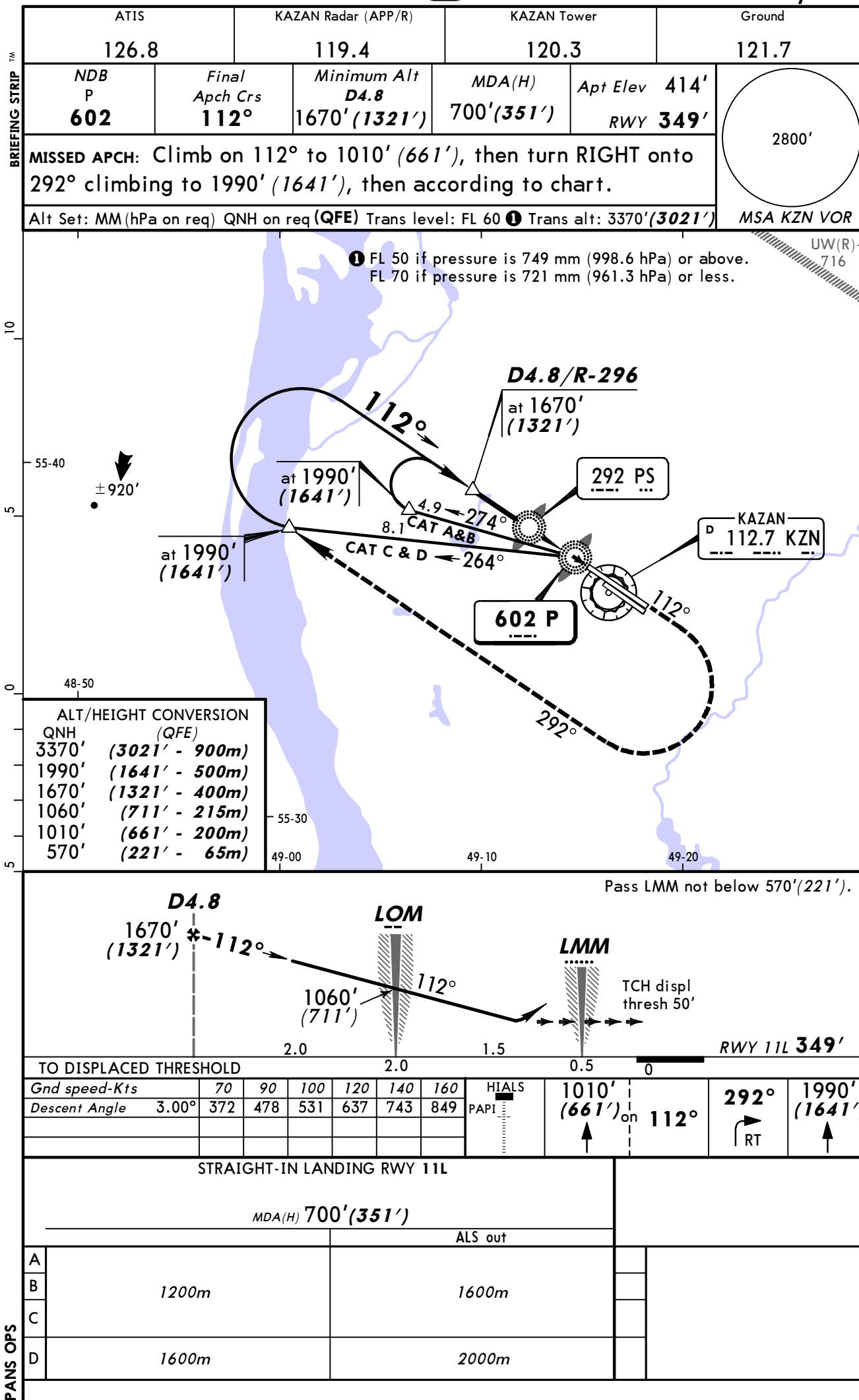
2 NDB or PS NDB Rwy 11L
KAZAN, RUSSIA



UWKD/KZN
KAZAN

JEPPESEN
8 MAR 13 16-2

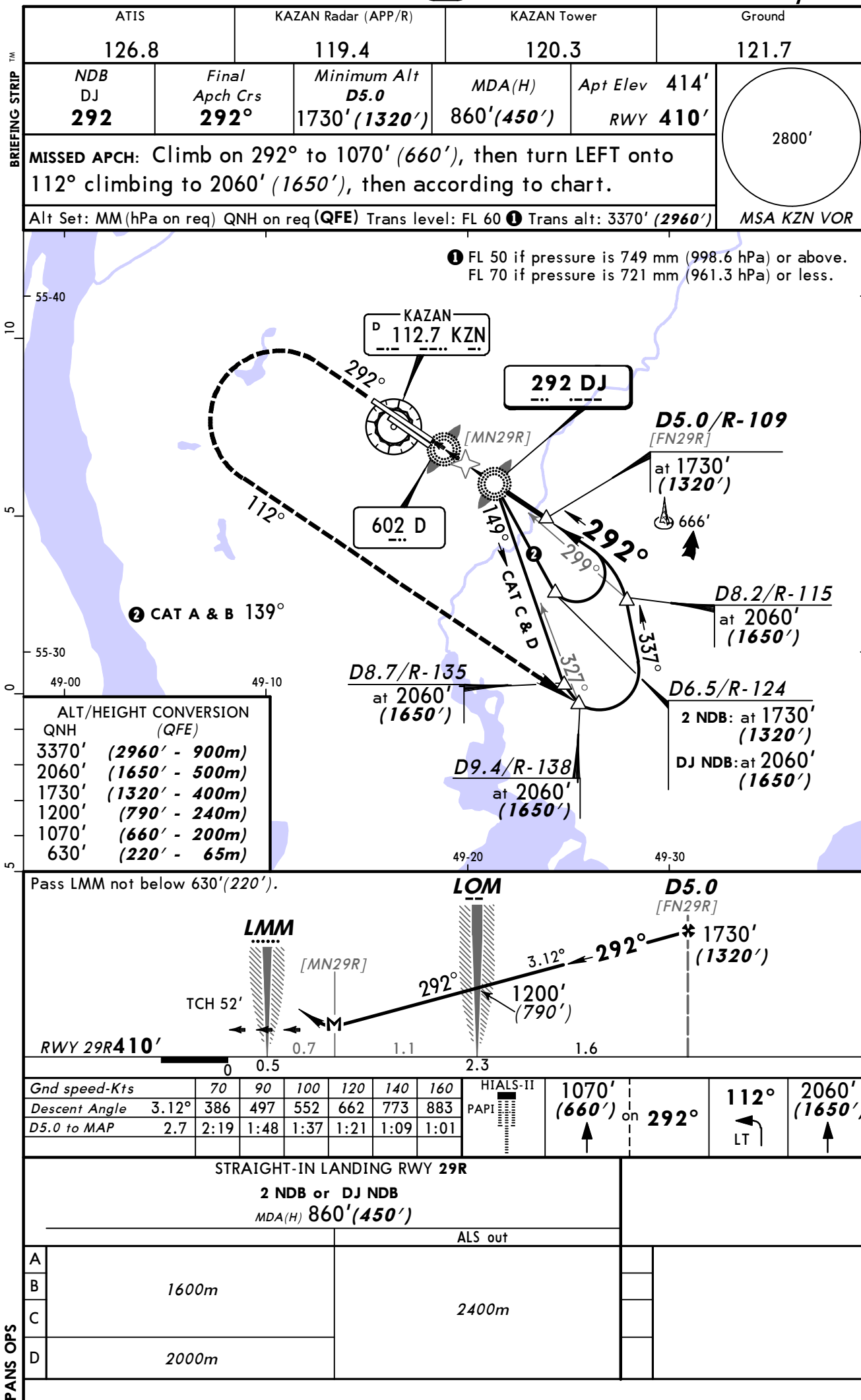
KAZAN, RUSSIA
P NDB Rwy 11L



UWKD/KZN
KAZAN

8 MAR 13 (16-3)

KAZAN, RUSSIA
2 NDB or DJ NDB Rwy 29R



UWKD/KZN
KAZAN

JEPPESEN
8 MAR 13 (16-4)

KAZAN, RUSSIA
D NDB Rwy 29R

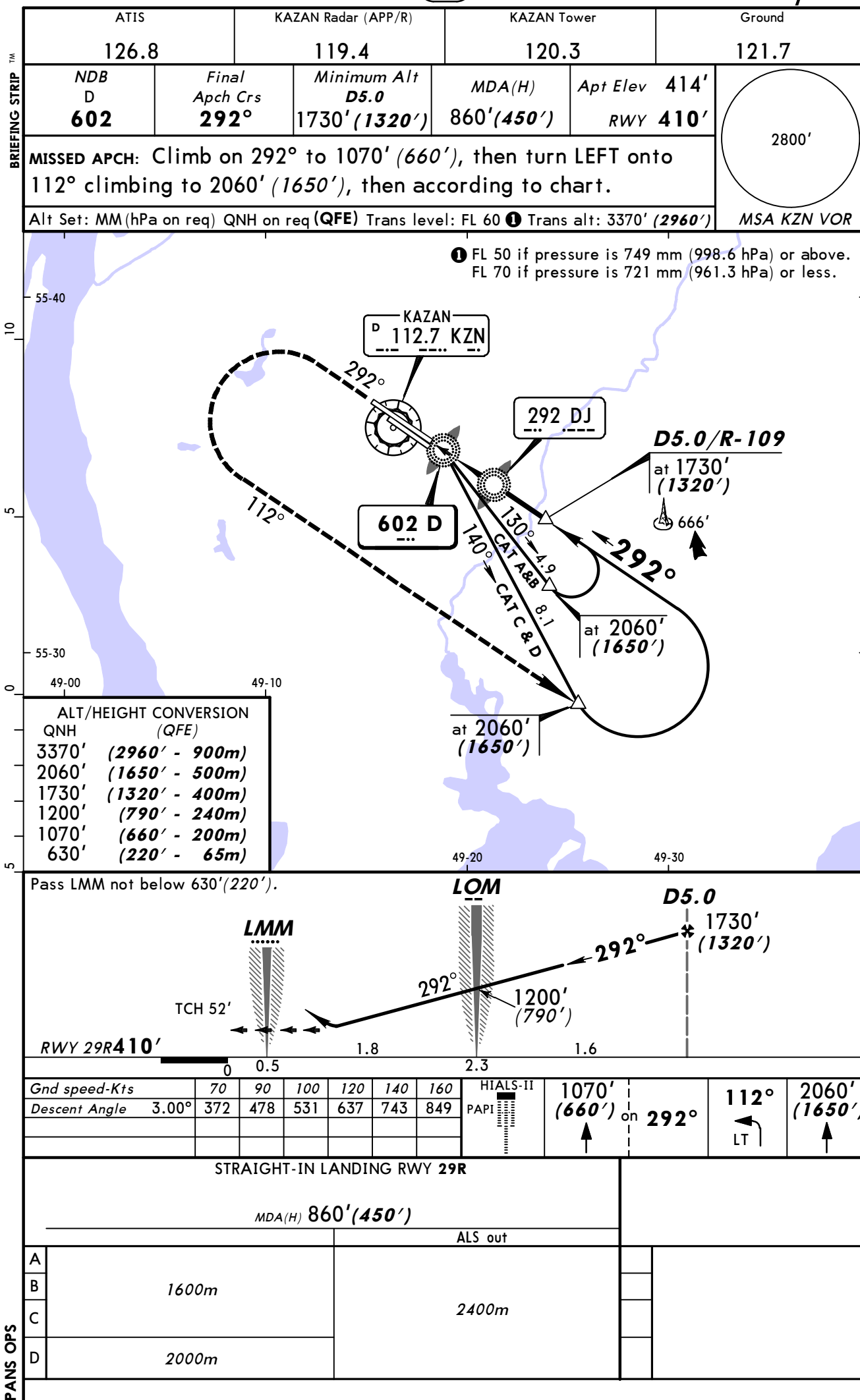


Chart changes since cycle 07-2013

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
KAZAN, (KAZAN - UWKD)				

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport UWKD

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(10-2) Eff 13 DEC 12 RNAV STAR RITOP 2C track BENOD - KD218 changed to 270°.