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Airport Information For UWKD

Terminal Charts For UWKD

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: KAZAN RUS
ICAO/IATA: UWKD / KZN
Lat/Long: N55° 36.4', E049° 16.8'
Elevation: 410 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 13.0° 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: 0043 Z
Sunset: 1636 Z

Runway Information

Runway: 11
Length x Width: 12303 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 346 ft
Lighting: Edge, ALS, Centerline, TDZ

Runway: 29
Length x Width: 12303 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 410 ft
Lighting: Edge, ALS, Centerline

Communication Information

ATIS: 126.800
Kazan Tower: 120.300
Kazan Tower: 124.000 Secondary
Kazan Tower: 129.000 Secondary
Kazan Ground: 129.000 Secondary
Kazan Ground: 124.000 Secondary
Kazan Ground: 121.700
Kazan Apron Ramp/Taxi: 118.800

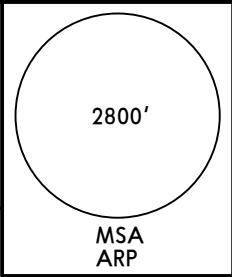
Kazan Approach: 124.000 Secondary
Kazan Approach: 128.625
Kazan Approach: 135.225
Kazan Approach: 129.000 Secondary
Kazan Terminal Control Area: 134.875 At or below 1320 ft
Kazan Radar: 129.000 Secondary
Kazan Radar: 119.400
Kazan Radar: 124.000 Secondary

UWKD/KZN
KAZAN

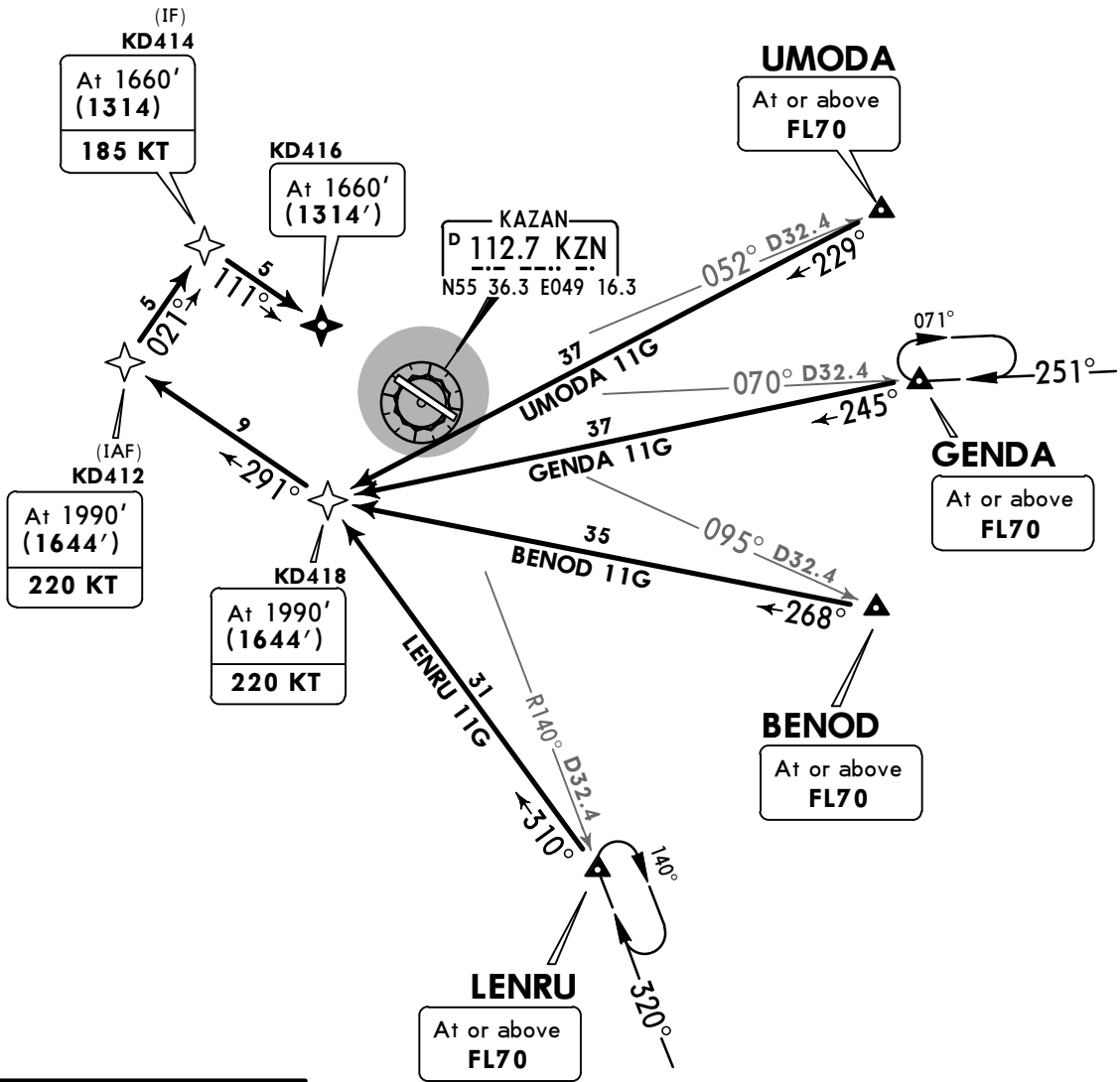
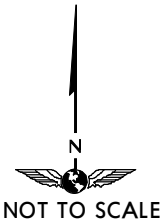
JEPPESSEN
4 AUG 17 10-2 Eff 17 Aug

KAZAN, RUSSIA
RNAV STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less
Apt Elev 410'	Trans alt: 3370' (3024') WARNING: Turns shall be carried out with a bank of 25°. RNAV (GNSS)



BENOD 11G [BEN11G] , GENDA 11G [GEN11G]
LENRU 11G [LEN11G], UMODA 11G [UMO11G]
RWY 11 RNAV ARRIVALS



ALT/HEIGHT CONVERSION
QNH (QFE)
3370' (3024' - 900m)
1990' (1644' - 500m)
1660' (1314' - 400m)

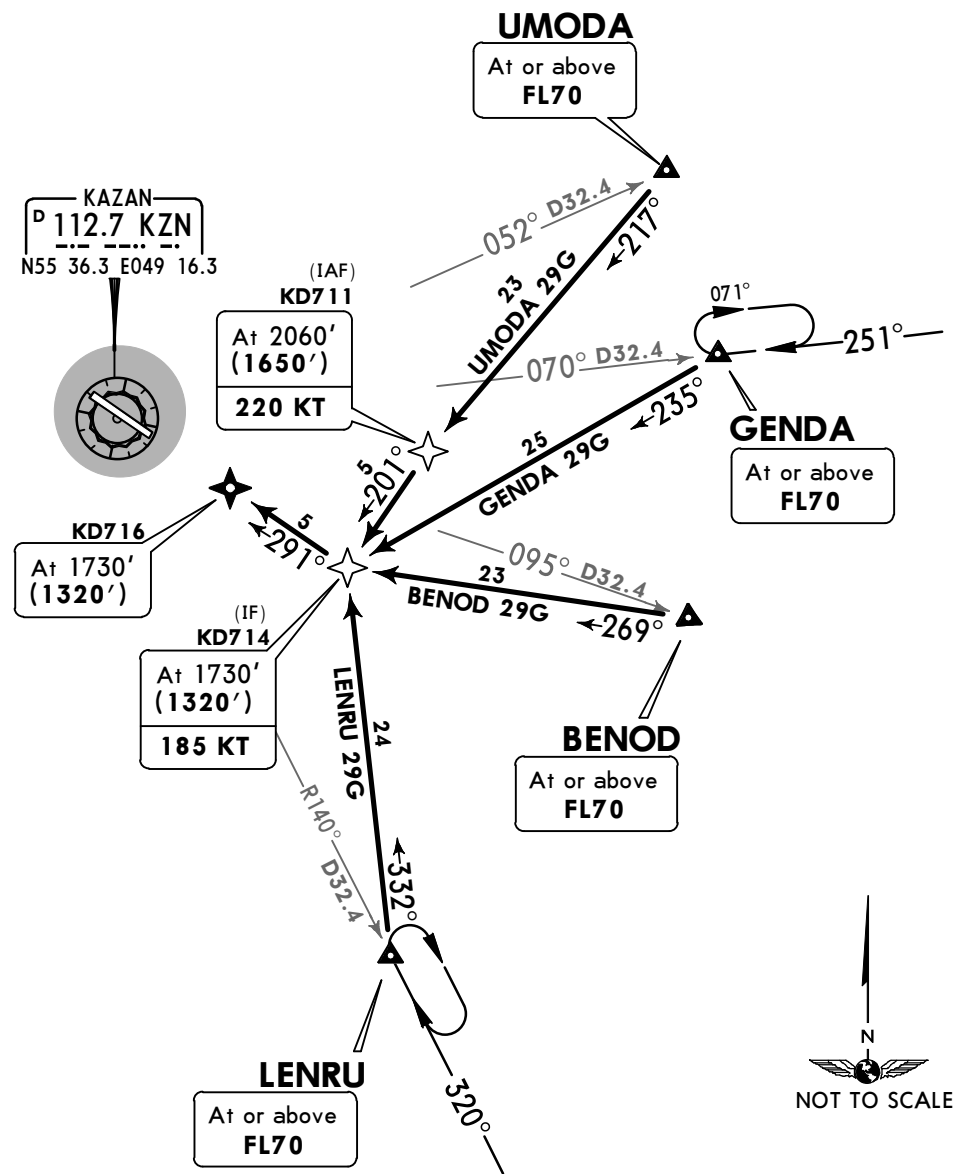
UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 10-2A Eff 17 Aug

KAZAN, RUSSIA
RNAV STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less	2800' MSA ARP
Apt Elev 410'	Trans alt: 3370' (2960') WARNING: Turns shall be carried out with a bank of 25°. RNAV (GNSS)	

BENOD 29G [BEN29G] , GENDA 29G [GEN29G]
LENRU 29G [LEN29G], UMODA 29G [UMO29G]
RWY 29 RNAV ARRIVALS

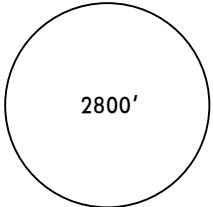


ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(2960' - 900m)
2060'	(1650' - 500m)
1730'	(1320' - 400m)

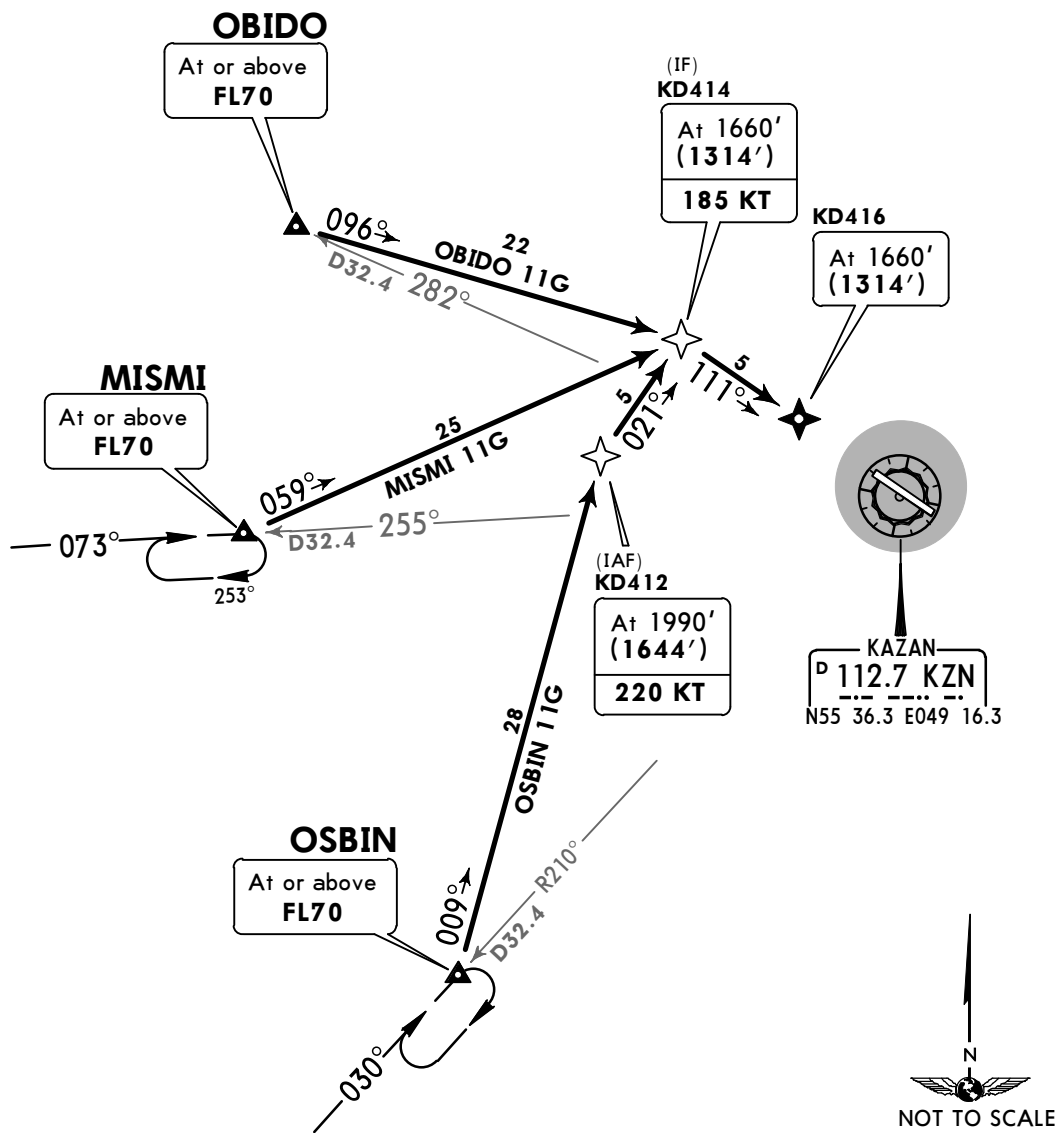
UWKD/KZN
KAZAN

JEPPESSEN
6 OCT 17 10-2B Eff 12 Oct

KAZAN, RUSSIA
RNAV STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less	 MSA ARP
Apt Elev 410'	Trans alt: 3370' (3024') WARNING: Turns shall be carried out with a bank of 25°. RNAV (GNSS)	

MISMI 11G [MIS11G] OBIDO 11G [OBI11G]
OSBIN 11G [OSB11G] BY ATC
RWY 11 RNAV ARRIVALS

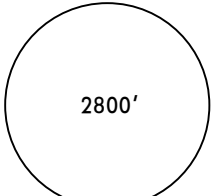


ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(3024' - 900m)
1990'	(1644' - 500m)
1660'	(1314' - 400m)

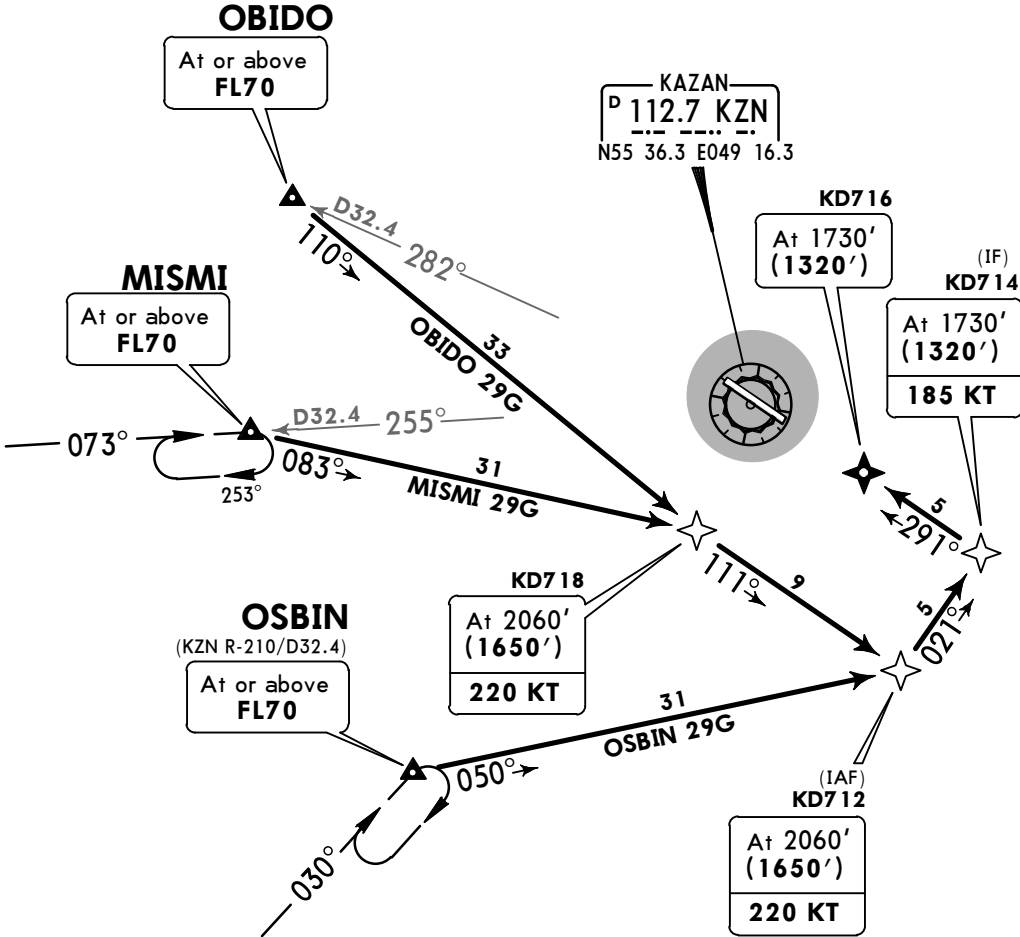
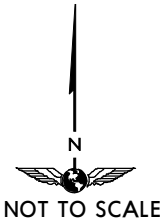
UWKD/KZN
KAZAN

JEPPESSEN
6 OCT 17 10-2C Eff 12 Oct

KAZAN, RUSSIA
RNAV STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less	 MSA ARP
Apt Elev 410'	Trans alt: 3370' (2960') WARNING: Turns shall be carried out with a bank of 25°. RNAV (GNSS)	

MISMI 29G [MIS29G] OBIDO 29G [OBI29G]
OSBIN 29G [OSB29G] BY ATC
RWY 29 RNAV ARRIVALS



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

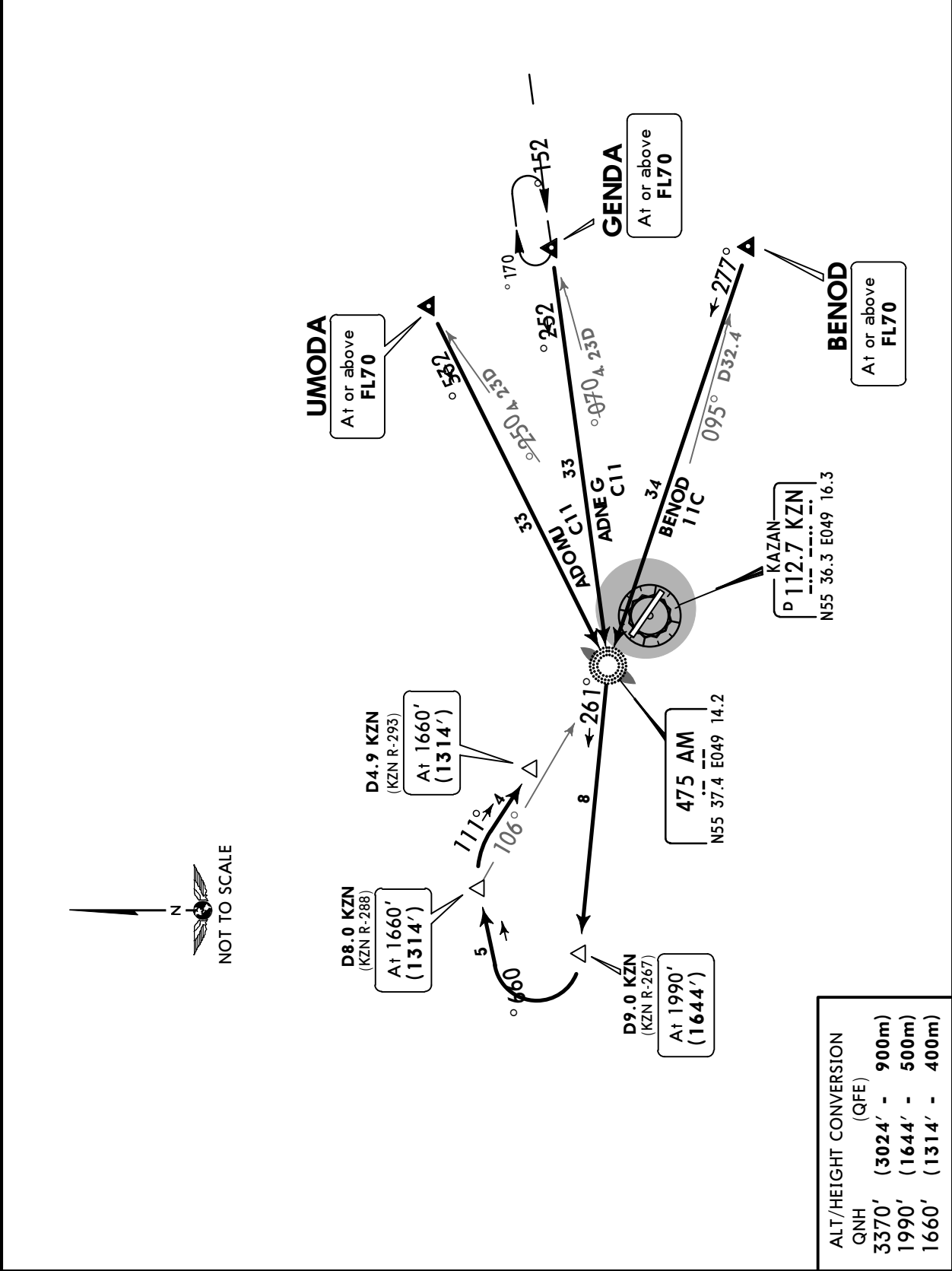
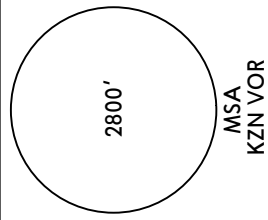
UWKD/KZN
KAZAN

JEPPESEN
4 AUG 17 10-2D Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Apt Elev 410'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')
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BENOD 11C [BEN11C] , GENDA 11C [GEN11C]
UMODA 11C [UMO11C]
RWY 11 ARRIVALS



UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 10-2E Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS
126.8

Apt Elev
410'

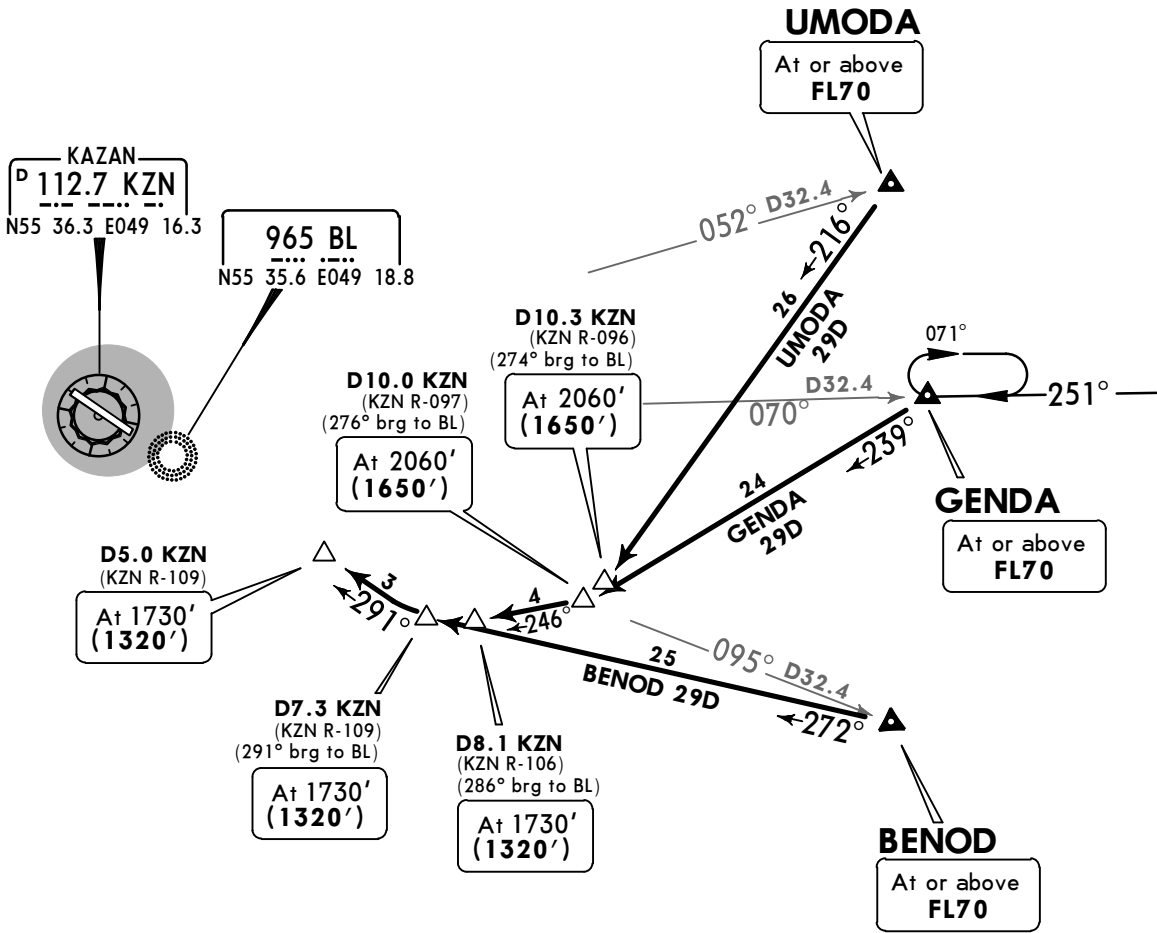
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50

FL60 if pressure is 748 mm (997.3 hPa) or less
FL70 if pressure is 721 mm (961.3 hPa) or less
Trans alt: 3370' (2960')

2800'

MSA
KZN VOR

BENOD 29D [BEN29D] , GENDA 29D [GEN29D]
UMODA 29D [UMO29D]
RWY 29 ARRIVALS

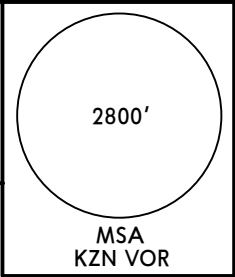


UWKD/KZN
KAZAN

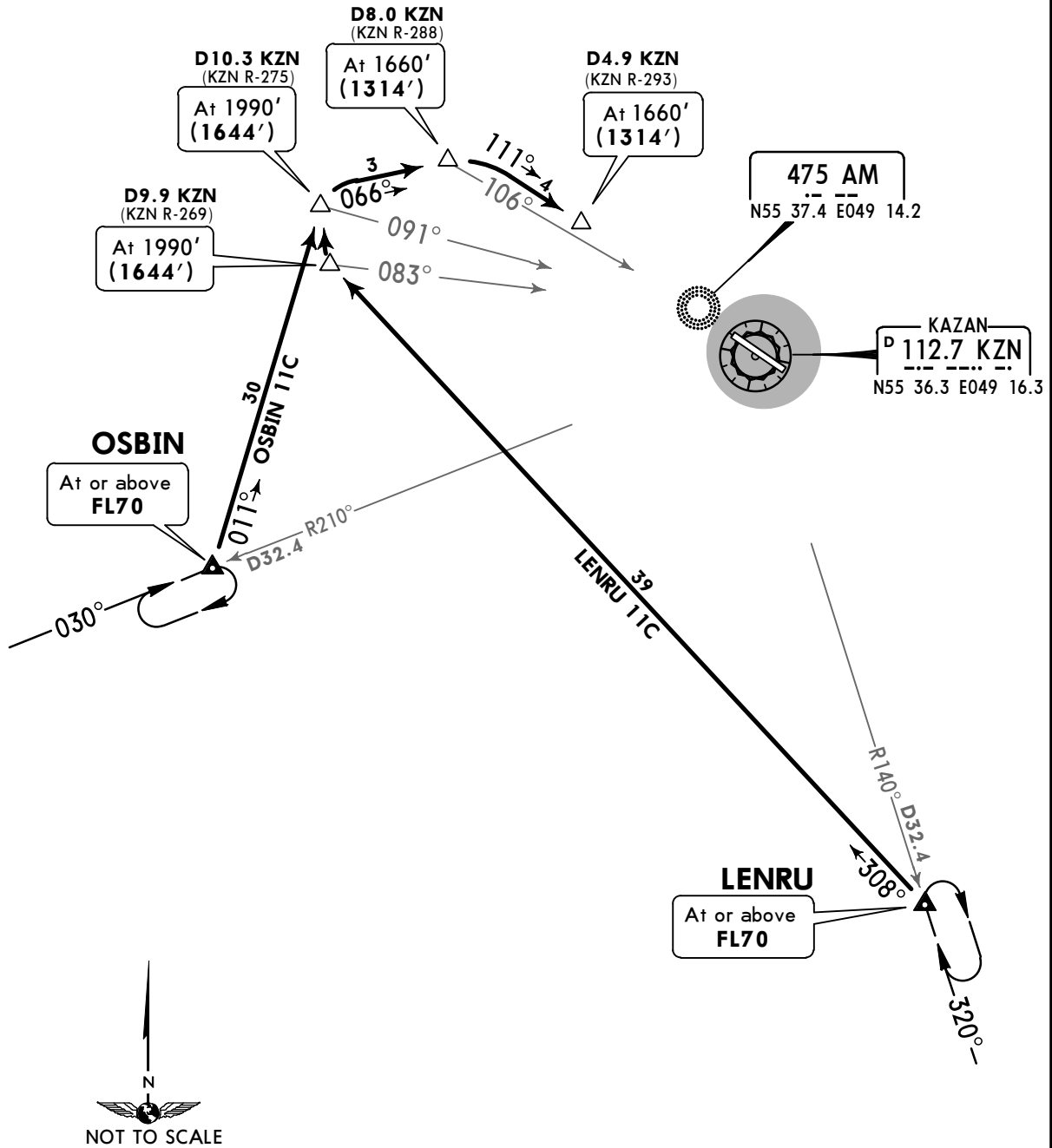
JEPPESSEN
4 AUG 17 10-2F Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')
Apt Elev 410'	



LENRU 11C [LEN11C] , OSBIN 11C [OSB11C]
RWY 11 ARRIVALS



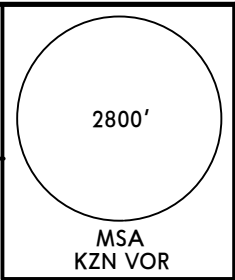
ALT/HEIGHT CONVERSION		
QNH	(QFE)	
3370'	(3024' -	900m)
1990'	(1644' -	500m)
1660'	(1314' -	400m)

UWKD/KZN
KAZAN

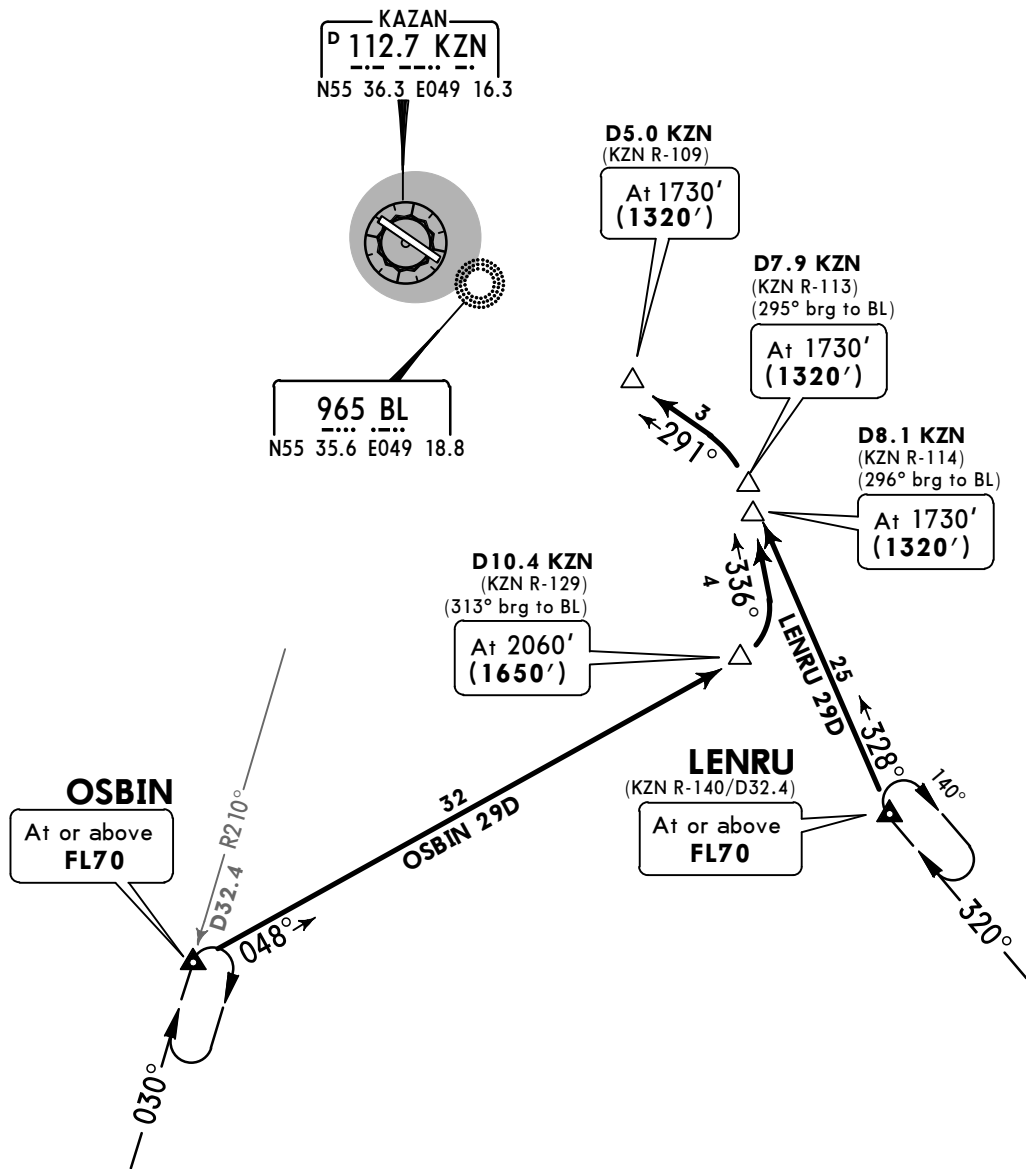
JEPPESSEN
4 AUG 17 10-2G Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960')
Apt Elev 410'	



LENRU 29D [LEN29D] , OSBIN 29D [OSB29D]
RWY 29 ARRIVALS



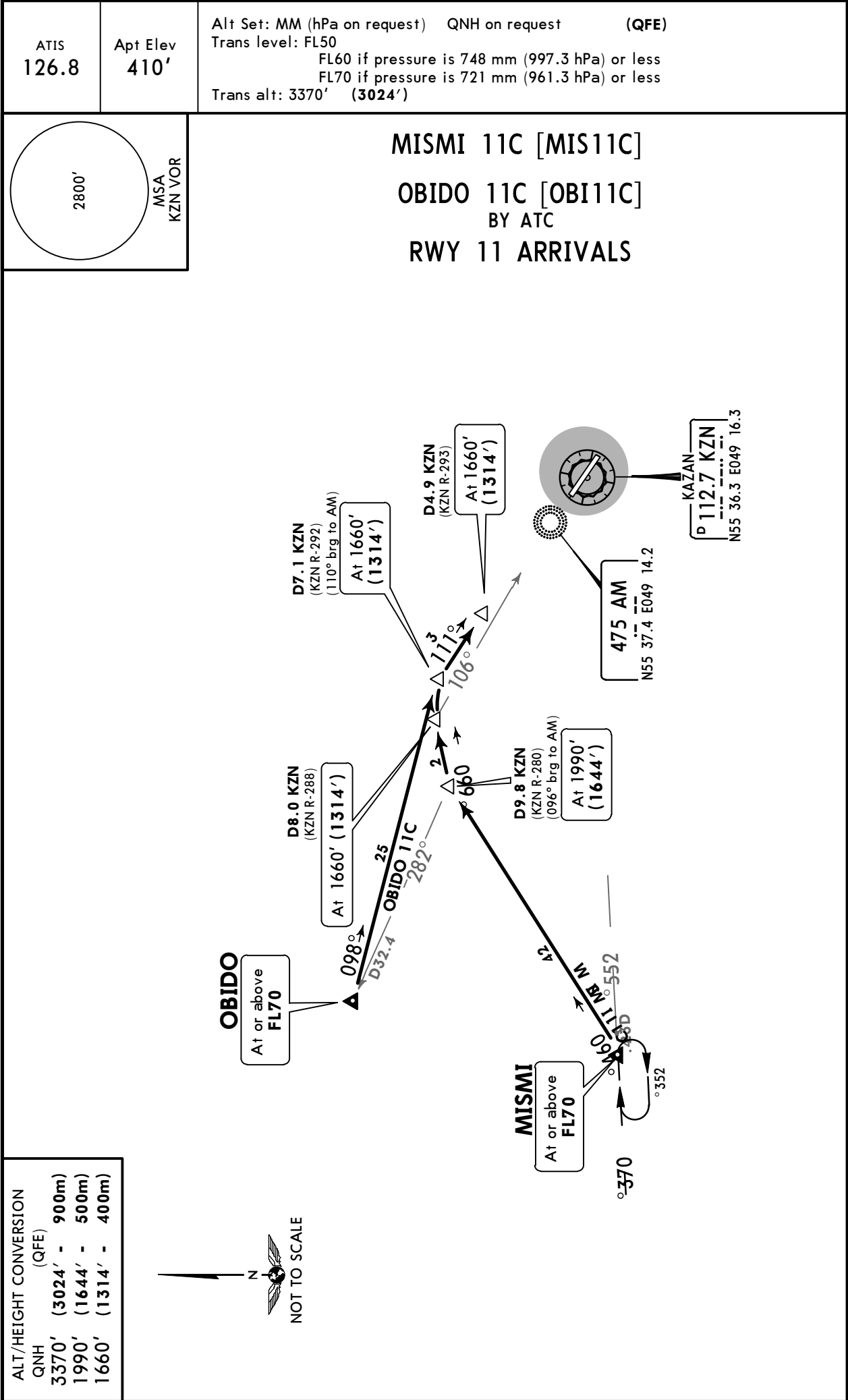
ALT/HEIGHT CONVERSION		
QNH	(QFE)	
3370'	(2960' -	900m)
2060'	(1650' -	500m)
1730'	(1320' -	400m)



UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 10-2H Eff 17 Aug

KAZAN, RUSSIA
STAR



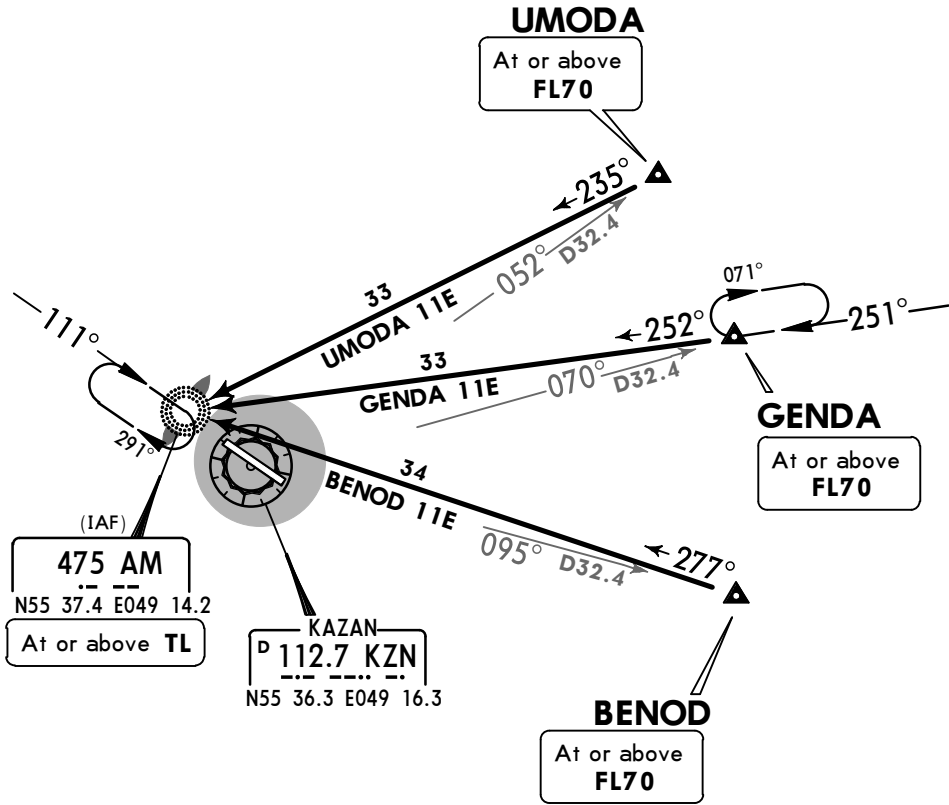
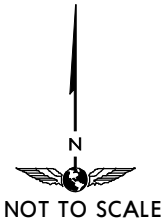
UWKD/KZN
KAZAN

JEPPESEN
4 AUG 17 10-2K Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Apt Elev 410'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')	2800' MSA KZN VOR
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BENOD 11E [BEN11E] , GENDA 11E [GEN11E]
UMODA 11E [UM011E]
RWY 11 ARRIVALS
BASED ON NDB



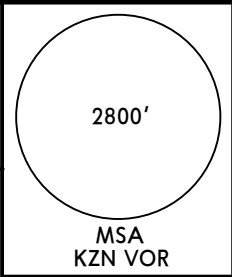
ALT/HEIGHT CONVERSION
QNH (QFE)
3370' (3024' - 900m)

UWKD/KZN
KAZAN

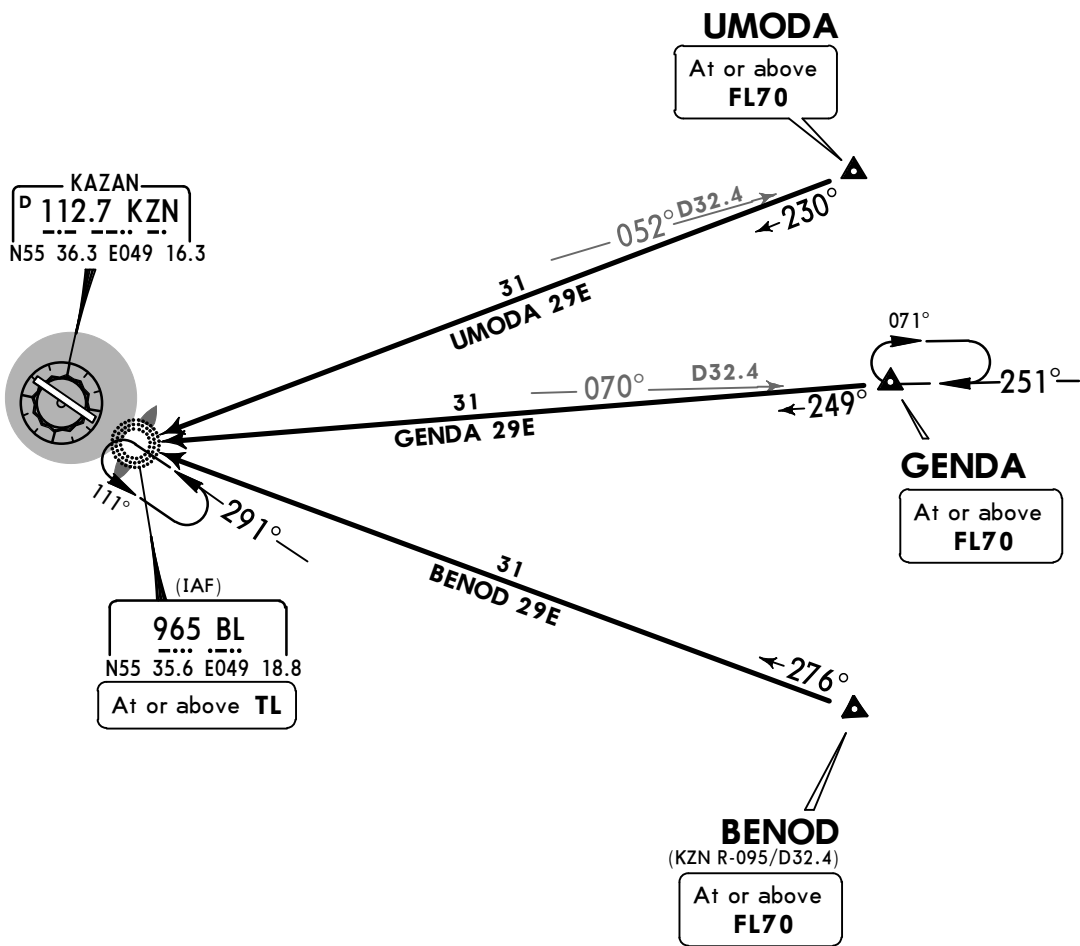
JEPPESSEN
4 AUG 17 10-2L Eff 17 Aug

KAZAN, RUSSIA
STAR

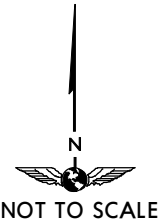
ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50
Apt Elev 410'	FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960')



BENOD 29E [BEN29E] , GENDA 29E [GEN29E]
UMODA 29E [UM029E]
RWY 29 ARRIVALS
BASED ON NDB



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



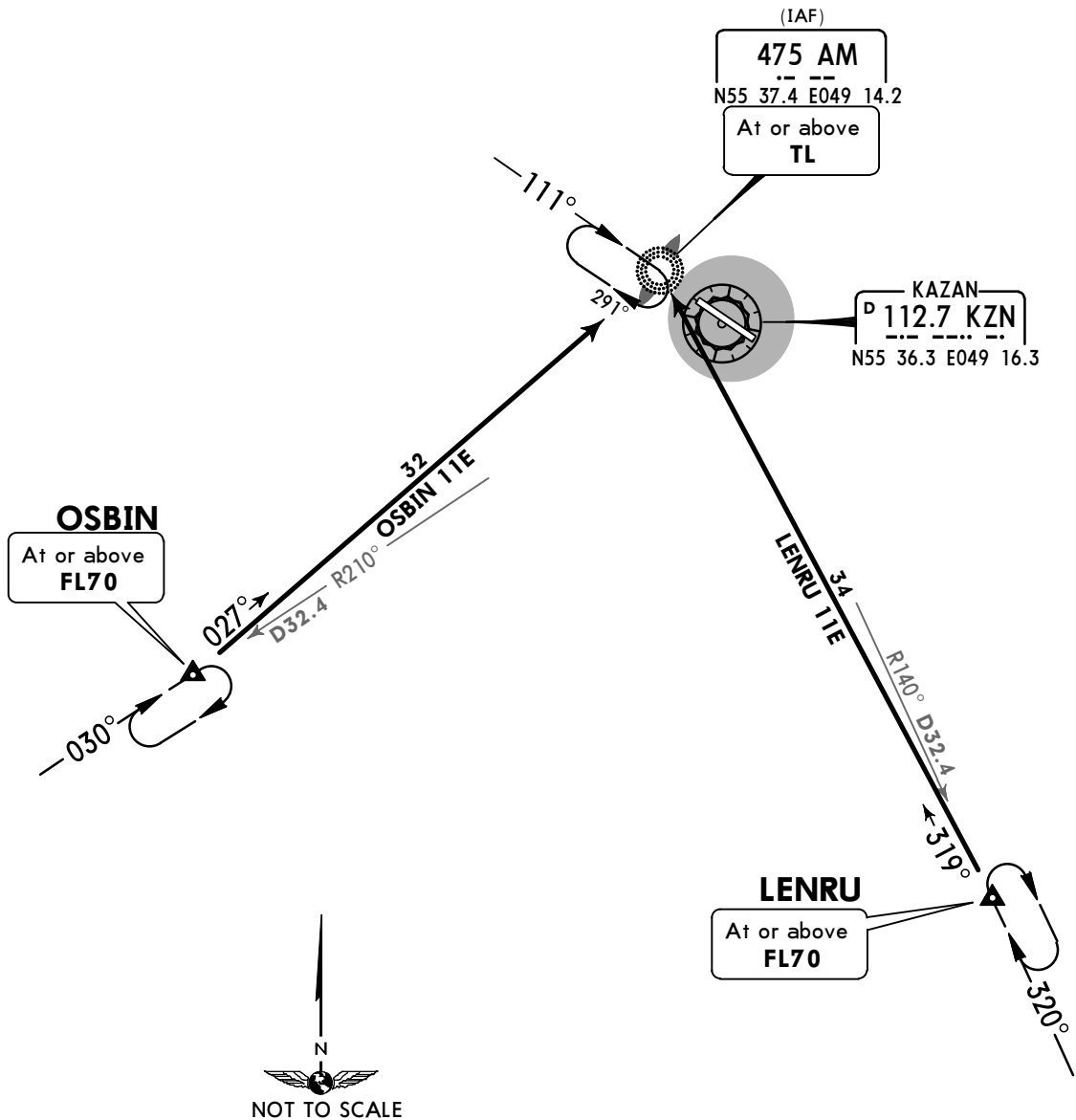
UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 10-2M Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')	2800' MSA KZN VOR
Apt Elev 410'		

LENRU 11E [LEN11E], OSBIN 11E [OSB11E]
RWY 11 ARRIVALS
BASED ON NDB



ALT/HEIGHT CONVERSION
QNH (QFE)
3370' (3024' - 900m)

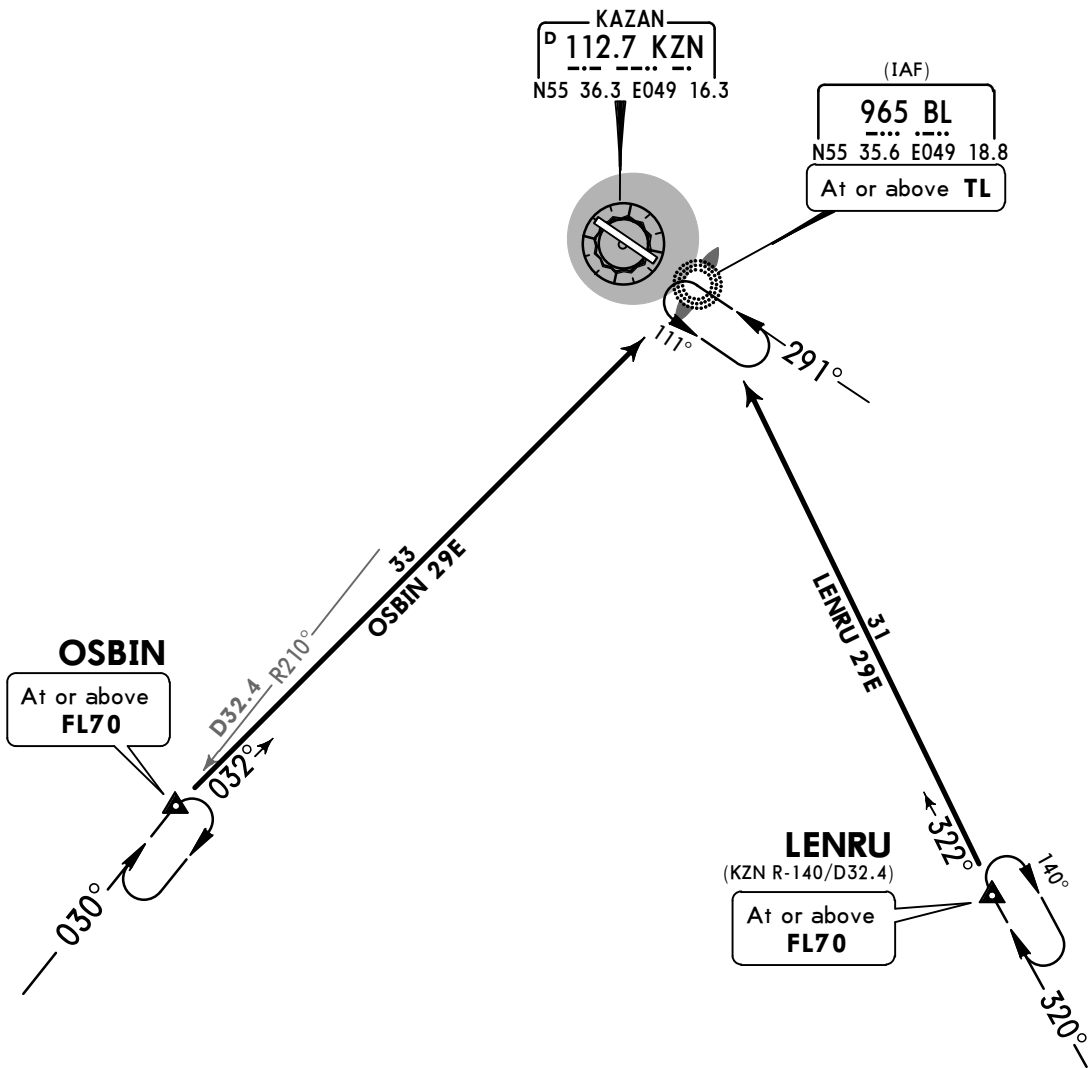
UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 10-2N Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less	2800'
Apt Elev 410'	Trans alt: 3370' (2960')	

LENRU 29E [LEN29E], OSBIN 29E [OSB29E]
RWY 29 ARRIVALS
BASED ON NDB



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

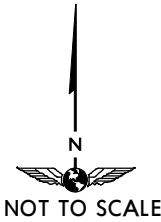
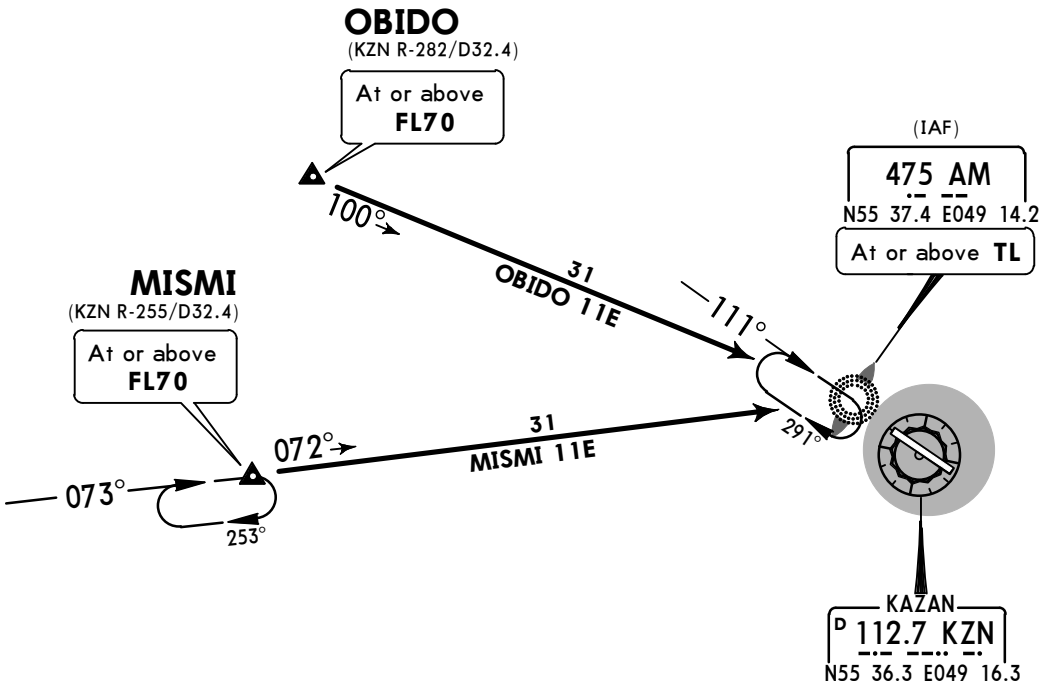
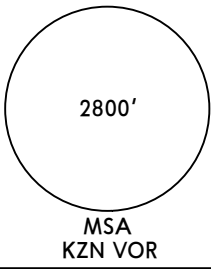
UWKD/KZN
KAZAN

JEPPESEN
4 AUG 17 **10-2P** **Eff 17 Aug**

KAZAN, RUSSIA
STAR

ATIS 126.8	Apt Elev 410'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')
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MISMI 11E [MIS11E]
OBIDO 11E [OBI11E]
BY ATC
RWY 11 ARRIVALS
BASED ON NDB



ALT/HEIGHT CONVERSION QNH (QFE) 3370' (3024' - 900m)
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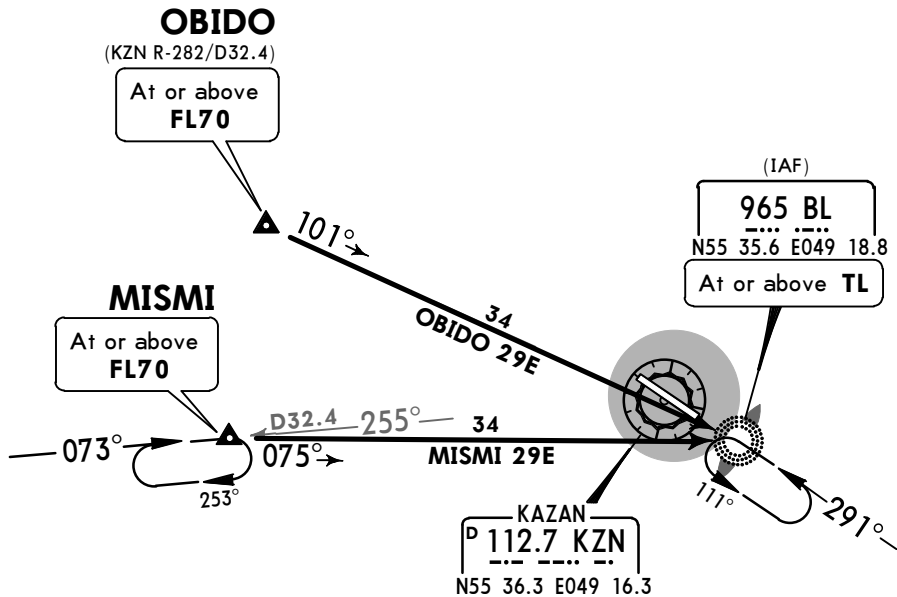
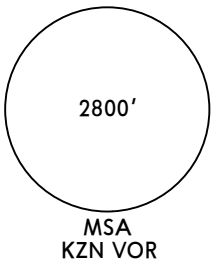
UWKD/KZN
KAZAN

JEPPesen
4 AUG 17 **10-2Q** **Eff 17 Aug**

KAZAN, RUSSIA
STAR

ATIS 126.8	Apt Elev 410'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960')
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MISMI 29E [MIS29E]
OBIDO 29E [OBI29E]
BY ATC
RWY 29 ARRIVALS
BASED ON NDB



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

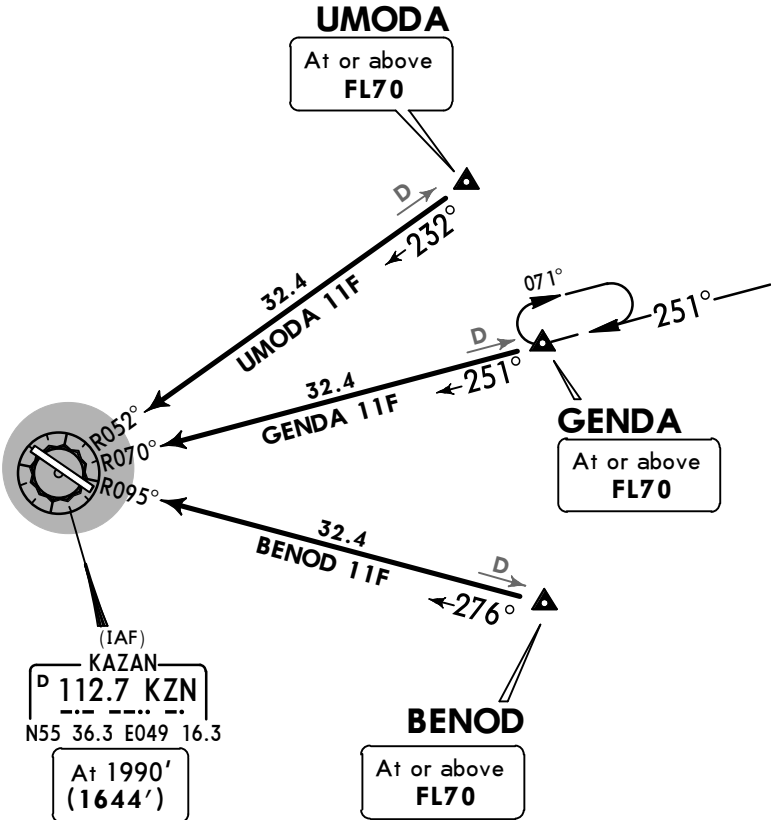
UWKD/KZN
KAZAN

JEPPESEN
4 AUG 17 10-2S Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Apt Elev 410'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')	2800' MSA KZN VOR
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BENOD 11F [BEN11F] , GENDA 11F [GEN11F]
UMODA 11F [UM011F]
RWY 11 ARRIVALS
BASED ON VOR



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(3024' - 900m)
1990'	(1644' - 500m)

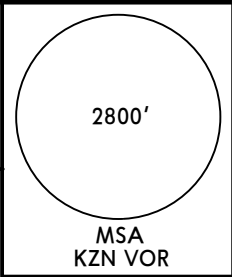


UWKD/KZN
KAZAN

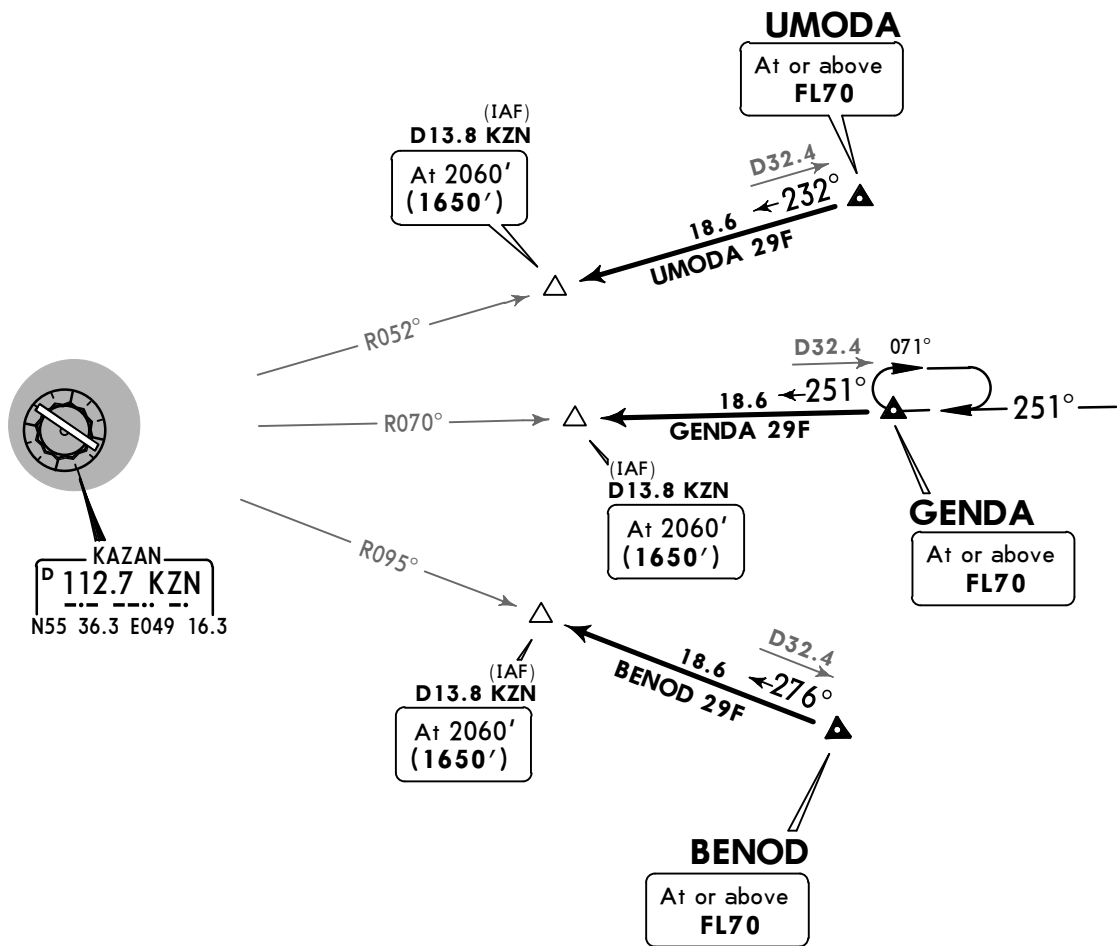
JEPPESSEN
4 AUG 17 10-2T Eff 17 Aug

KAZAN, RUSSIA
STAR

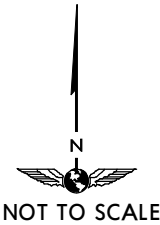
ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50
Apt Elev 410'	FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960')



BENOD 29F [BEN29F], GENDA 29F [GEN29F]
UMODA 29F [UM029F]
RWY 29 ARRIVALS
BASED ON VOR



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

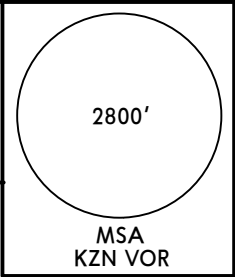


UWKD/KZN
KAZAN

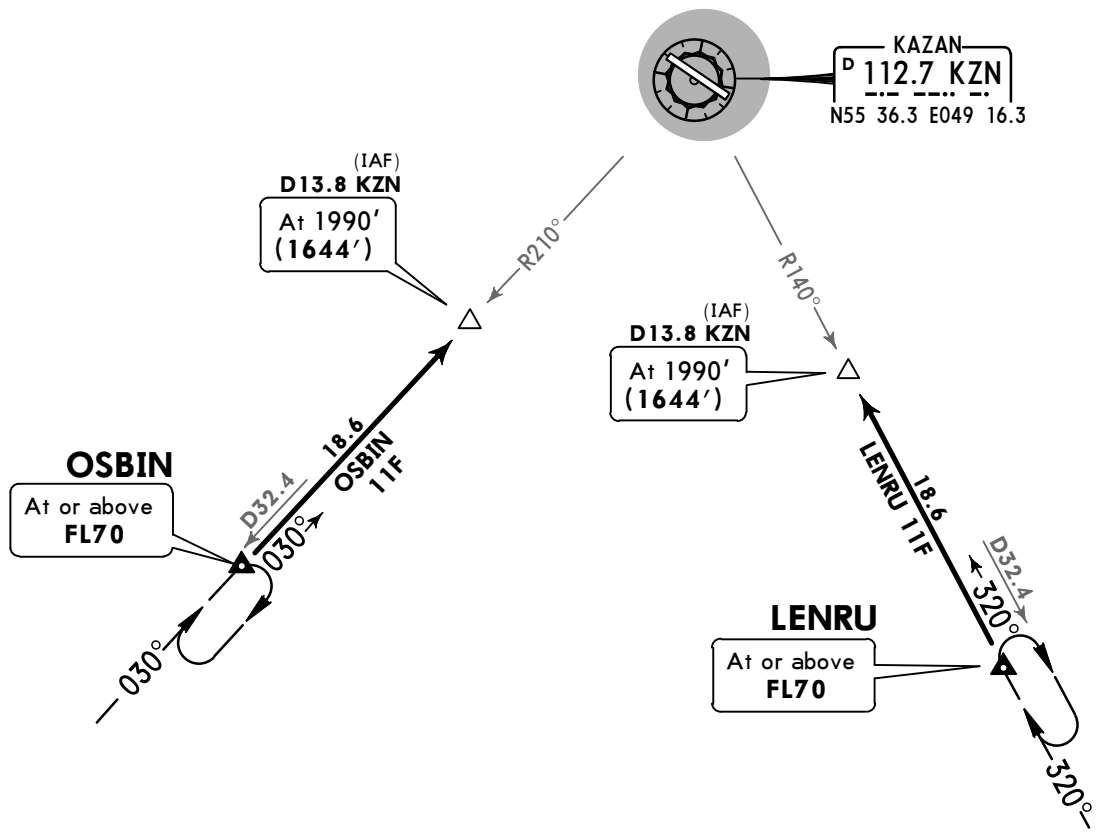
JEPPESSEN
4 AUG 17 10-2U Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')
Apt Elev 410'	



LENRU 11F [LEN11F], OSBIN 11F [OSB11F]
RWY 11 ARRIVALS
BASED ON VOR



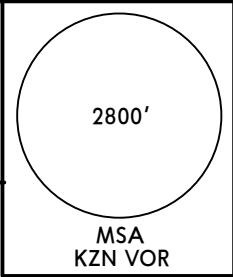
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(3024' - 900m)
1990'	(1644' - 500m)

UWKD/KZN
KAZAN

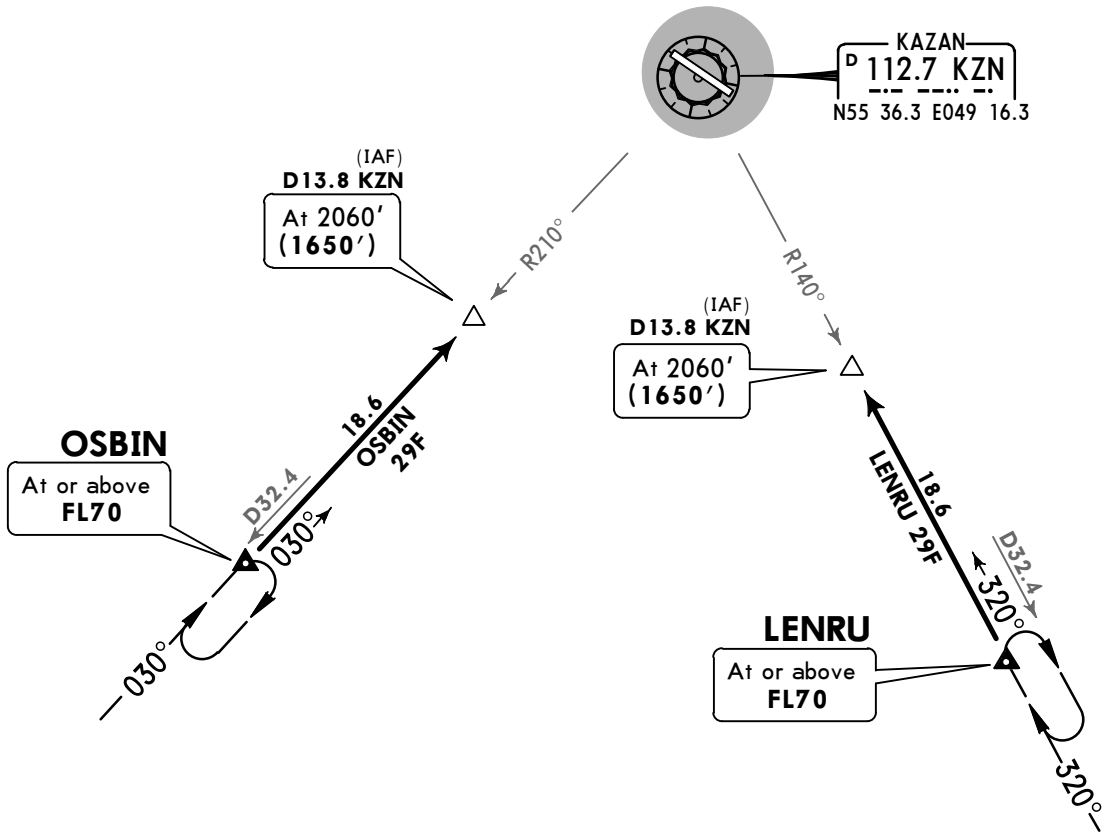
JEPPESSEN
4 AUG 17 10-2V Eff 17 Aug

KAZAN, RUSSIA
STAR

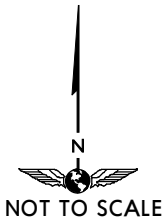
ATIS 126.8	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960')
Apt Elev 410'	



LENRU 29F [LEN29F] , OSBIN 29F [OSB29F]
RWY 29 ARRIVALS
BASED ON VOR



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



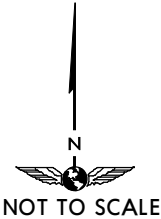
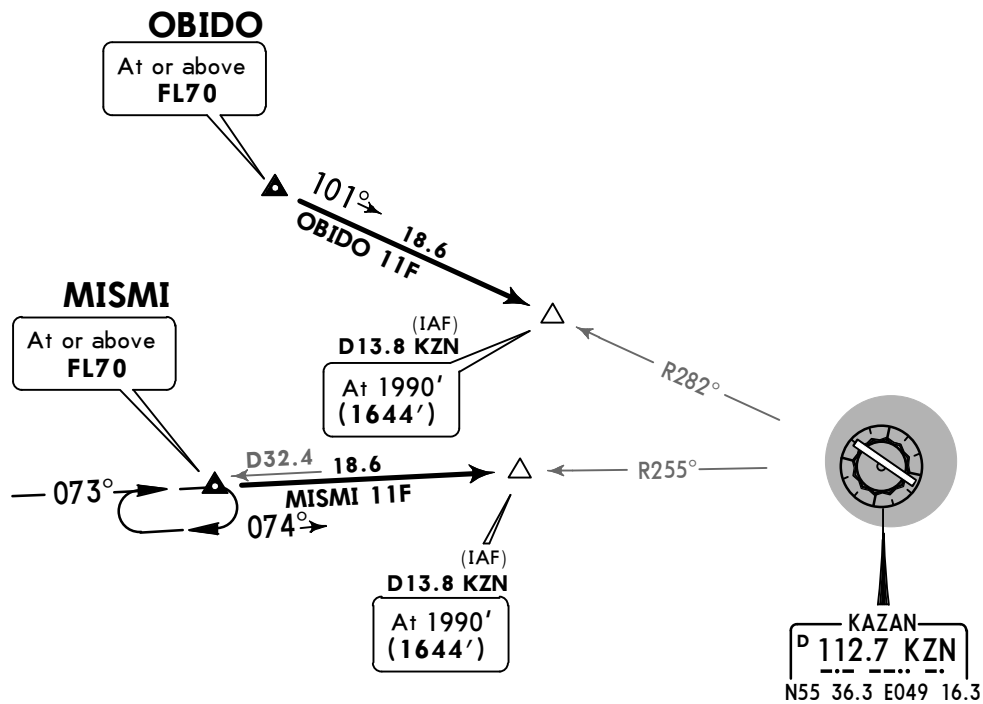
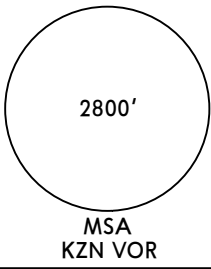
UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 **(10-2W)** **Eff 17 Aug**

KAZAN, RUSSIA
STAR

ATIS 126.8	Apt Elev 410'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')
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MISMI 11F [MIS11F]
OBIDO 11F [OBI11F]
BY ATC
RWY 11 ARRIVALS
BASED ON VOR



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3370'	(3024' - 900m)
1990'	(1644' - 500m)

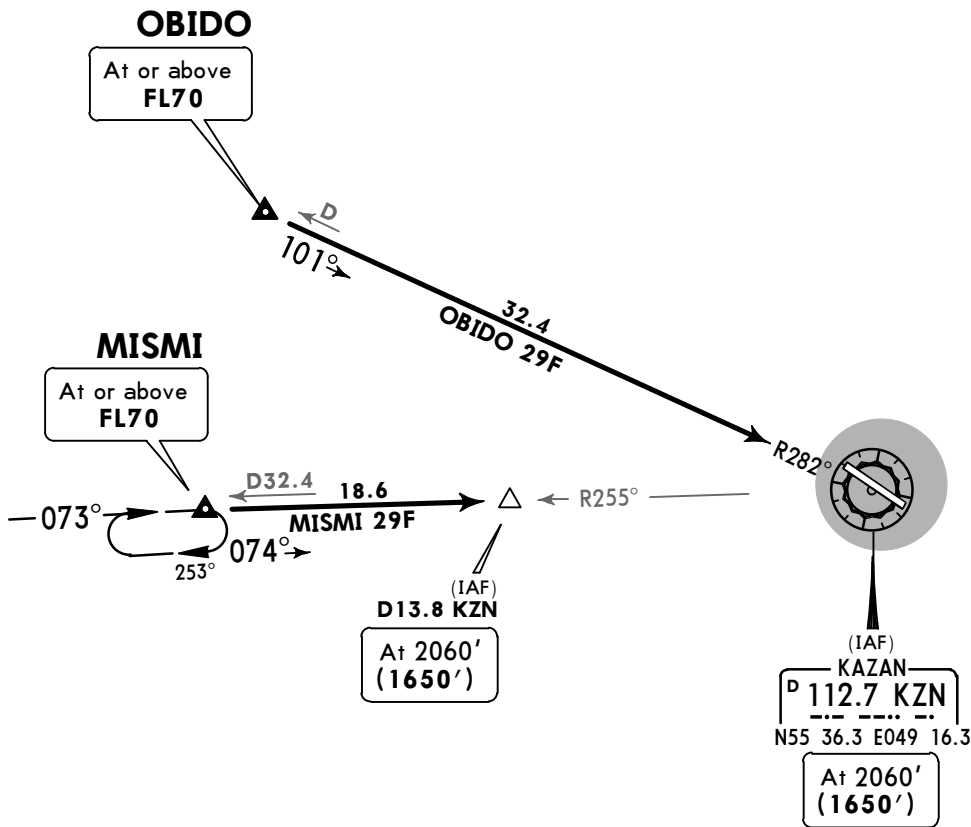
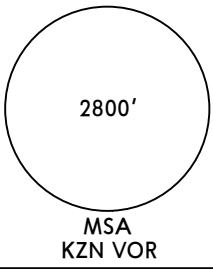
UWKD/KZN
KAZAN

JEPPESEN
4 AUG 17 10-2X Eff 17 Aug

KAZAN, RUSSIA
STAR

ATIS 126.8	Apt Elev 410'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (2960')
---------------	------------------	--

MISMI 29F [MIS29F]
OBIDO 29F [OBI29F]
BY ATC
RWY 29 ARRIVALS
BASED ON VOR



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

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KAZAN

JEPPESSEN
1 DEC 17 **10-3** **Eff 7 Dec**

KAZAN, RUSSIA
SID

Apt Elev
410'

QNH on request (QFE)
Trans level: FL50
FL60 if pressure is 748 mm (997.3 hPa) or less
FL70 if pressure is 721 mm (961.3 hPa) or less
Trans alt: 3370' (3024')

2800'

MSA
KZN VOR

**BENOD 11A [BEN11A] , GENDA 11A [GEN11A]
UMODA 11A [UM011A]
RWY 11 DEPARTURES**

KAZAN
D 112.7 KZN
N55 36.3 E049 16.3

At 1010' (664')

UMODA
At or above FL70

GENDA
At or above FL70

BENOD
(KZN R-095/D32.4)
At or above FL70

052° D32.4
32 UMODA 11A

070° D32.4
31 GENDA 11A

094°
30 BENOD 11A

111°

046°

066°

ALT/HEIGHT CONVERSION		
QNH	(QFE)	
1010'	(664' -	200m)
3370'	(3024' -	900m)

CHANGES: None.

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JEPPESEN
1 DEC 17 (10-3A) Eff 7 Dec

KAZAN, RUSSIA
SID

Apt Elev
410'

QNH on request (QFE)
Trans level: FL50
FL60 if pressure is 748 mm (997.3 hPa) or less
FL70 if pressure is 721 mm (961.3 hPa) or less
Trans alt: 3370' (2960')

2800'

MSA KZN VOR

BENOD 29A [BEN29A]

GENDA 29A [GEN29A]

UMODA 29A [UMO29A]

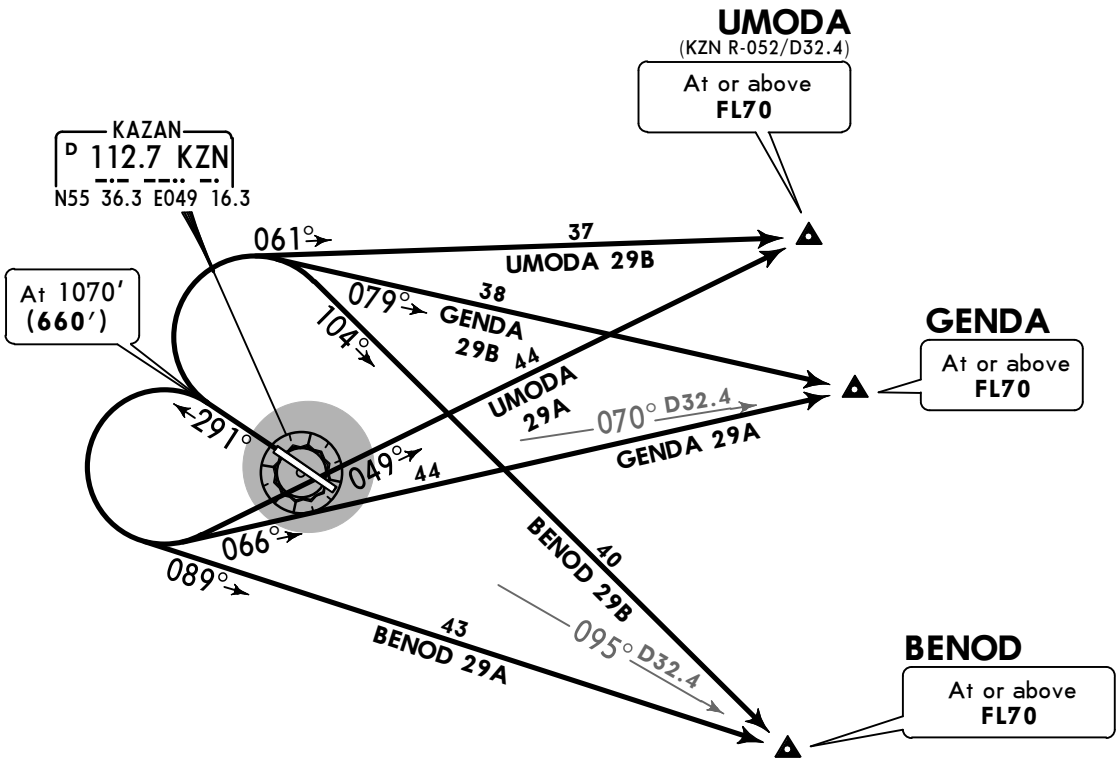
BENOD 29B [BEN29B]

GENDA 29B [GEN29B]

UMODA 29B [UMO29B]

BY ATC

RWY 29 DEPARTURES



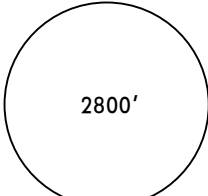
ALT/HEIGHT CONVERSION		
QNH	(QFE)	
1070'	(660' -	200m)
3370'	(2960' -	900m)

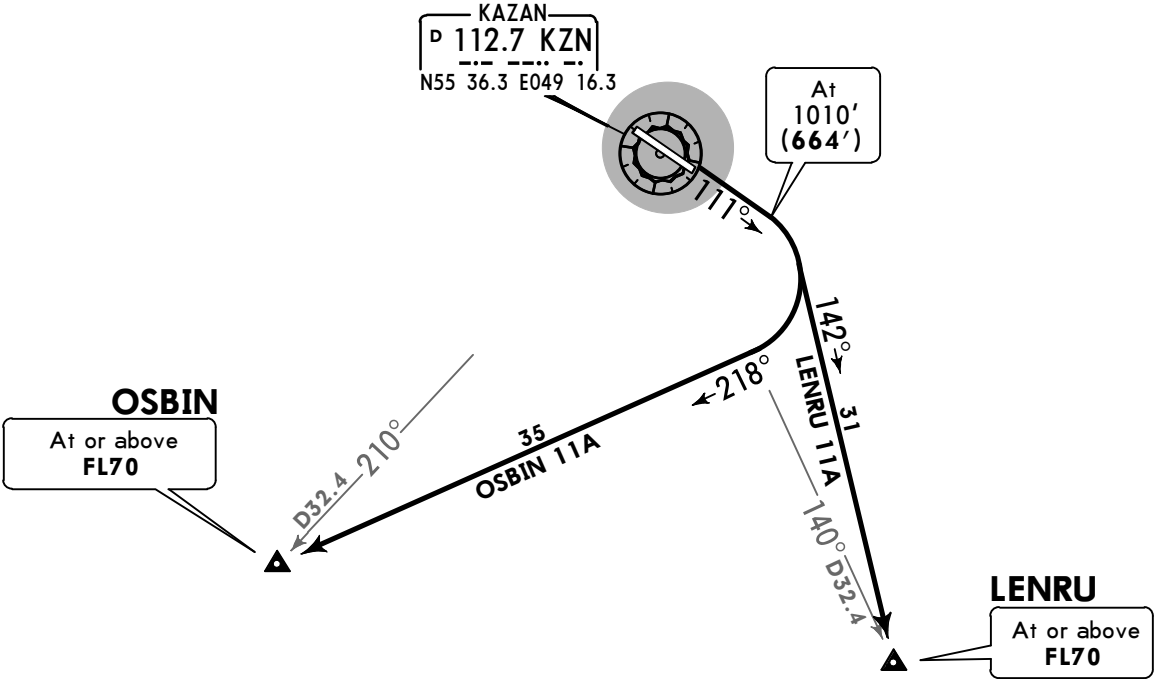


UWKD/KZN
KAZAN

 **JEPPESSEN**
4 AUG 17 **10-3B** Eff 17 Aug

KAZAN, RUSSIA
SID

Apt Elev 410'	QNH on request (QFE) Trans level: FL50 FL60 if pressure is 748 mm (997.3 hPa) or less FL70 if pressure is 721 mm (961.3 hPa) or less Trans alt: 3370' (3024')	 2800' MSA KZN VOR
	LENRU 11A [LEN11A] , OSBIN 11A[OSB11A] RWY 11 DEPARTURES	



ALT/HEIGHT CONVERSION		
QNH	(QFE)	
1010'	(664' -	200m)
3370'	(3024' -	900m)

UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 10-3C Eff 17 Aug

KAZAN, RUSSIA
SID

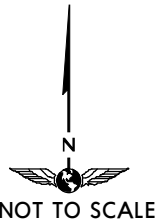
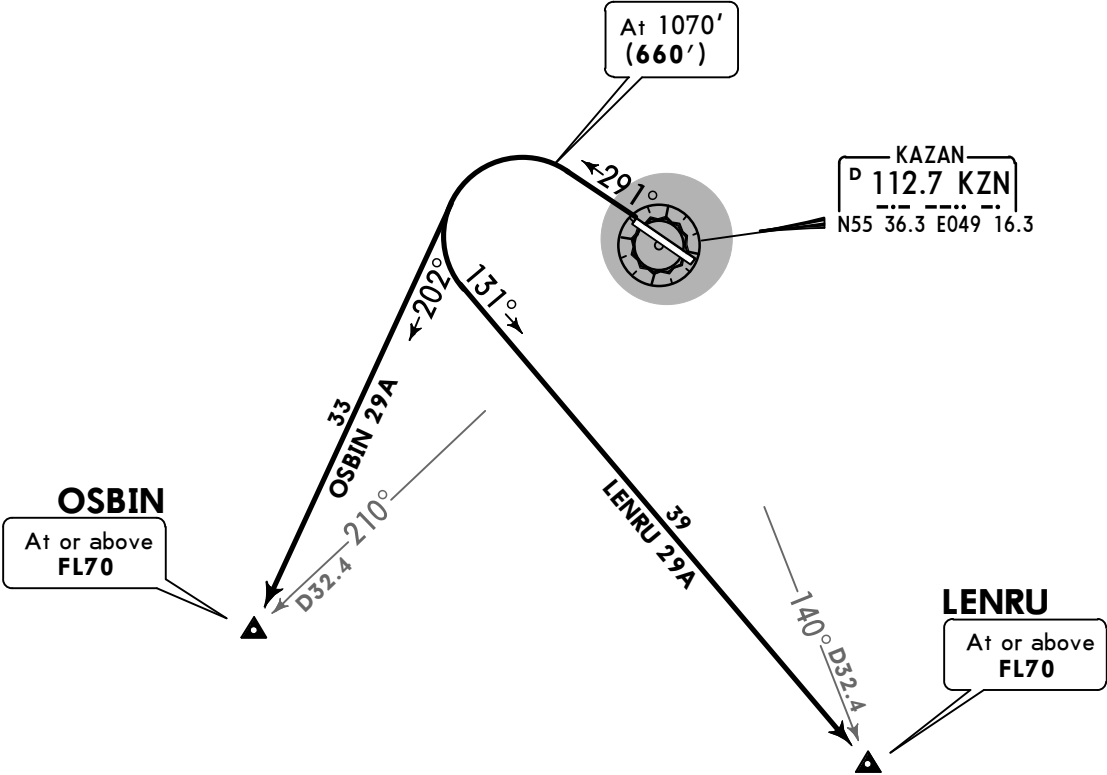
Apt Elev
410'

QNH on request (QFE)
Trans level: FL50
FL60 if pressure is 748 mm (997.3 hPa) or less
FL70 if pressure is 721 mm (961.3 hPa) or less
Trans alt: 3370' (2960')

2800'

MSA
KZN VOR

LENRU 29A [LEN29A] , OSBIN 29A [OSB29A]
RWY 29 DEPARTURES

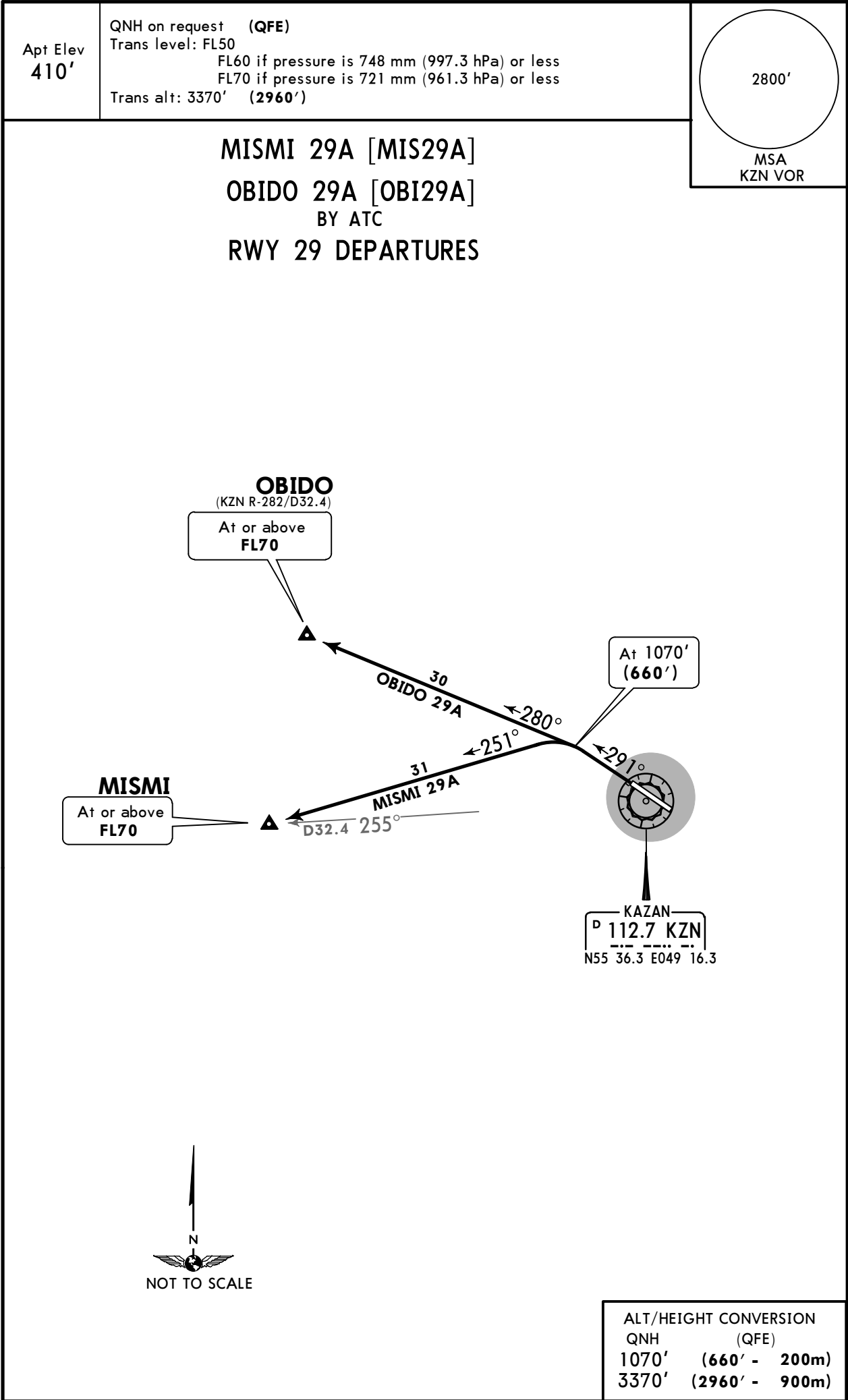


ALT/HEIGHT CONVERSION		
QNH	(QFE)	
1070'	(660' - 200m)	
3370'	(2960' - 900m)	

UWKD/KZN
KAZAN

JEPPESSEN
4 AUG 17 10-3E Eff 17 Aug

KAZAN, RUSSIA
SID



UWKD/KZN
KAZAN



KAZAN, RUSSIA
NOISE

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 RUNWAY 29

Take-off to 1890' (1480'-450m)	Take-off power take-off flaps climb at $V_2 + 10-20$ KT at 1070' (660'-200m) turn with 25° bank
At 1890' (1480'-450m)	reduce engine power to rated power under keeping of positive rate of climb
From 1890' (1480'-450m) to 3370' (2960'-900m)	climb at $V_2 + 10-20$ KT
At 3370' (2960'-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

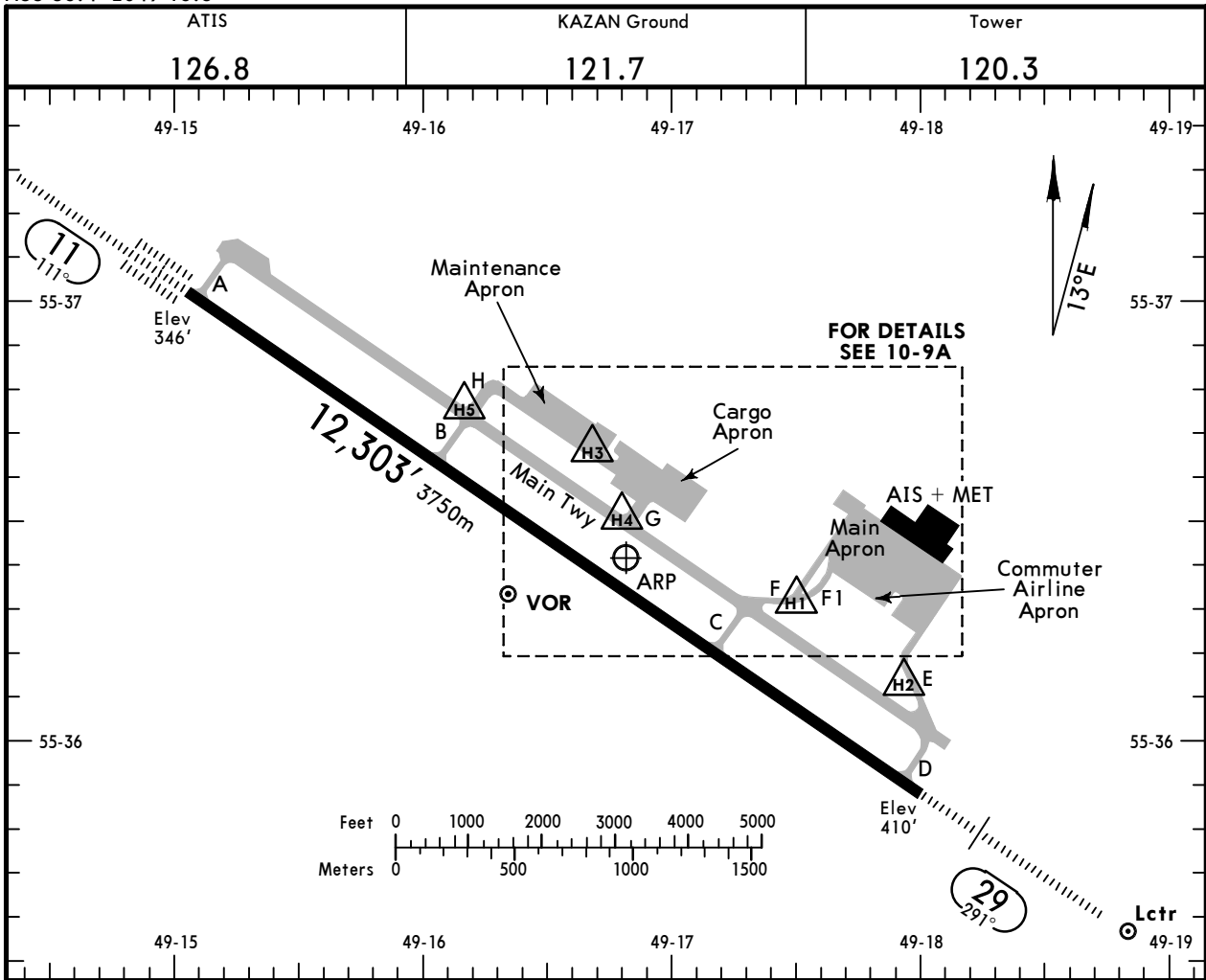
Apt Elev 410'
N55 36.4 E049 16.8

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25 MAY 18 10-9

KAZAN, RUSSIA

KAZAN



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
11	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°) RVR		11,392' 3472m	1	148'
29	HIRL(60m) CL(15m) HIALS PAPI-L(3.0°)		11,270' 3435m		45m

1 TAKE-OFF RUN AVAILABLE

RWY 11:

From rwy head 12,303' (3750m)
twy B int 7841' (2390m)
twy C int 3675' (1120m)

RWY 29:

From rwy head 12,303' (3750m)
twy C int 8301' (2530m)
twy B int 4127' (1258m)

Rwy 11 is approved for CAT II operations, special aircrew and acft certification required.
Taxiing and towing shall be carried out along twy centerlines and taxi guidelines on aprons.
Flight crews carrying out flights to Kazan airport shall send a message to the ATS unit for getting a new slot for arrival in case of a flight delay of 30 min from the estimated time of departure.
Birds in vicinity of airport.

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

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	

RVR in parentheses if TDZ RVR is supplemented by Mid and/or Rollout RVR.

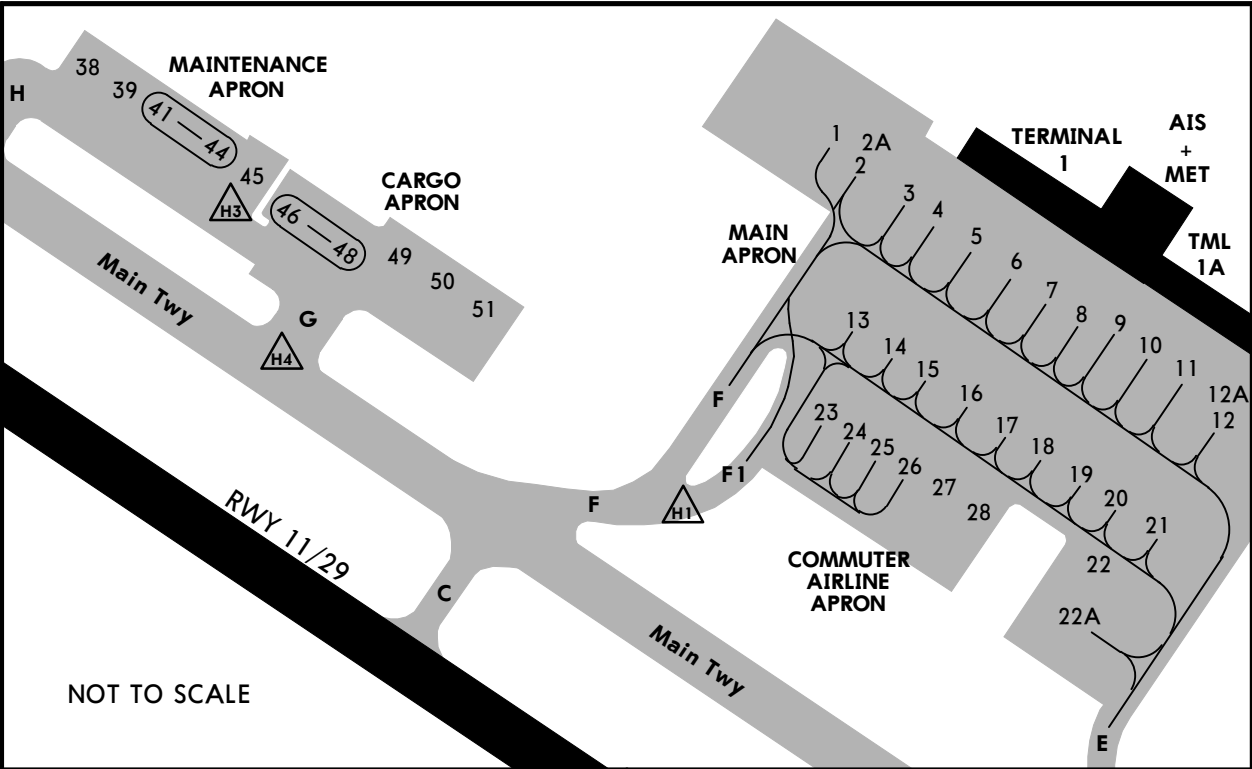
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 **JEPPESSEN**

25 MAY 18 **10-9A**

KAZAN, RUSSIA

KAZAN



INS COORDINATES		Taxiing from Main Twy to Twy F and from Twy F to Main Twy towards RWY 29 thresh strictly along guideline at MIM speed with increased CAUTION. Simultaneous taxiing on Twys F and F1 prohibited. Taxiing (when VIS is less than 2000m) with aeronautical and acft lights switched on. Exit stands 1 thru 12A and 22 by towing. Stands 9 thru 12A equipped with Visual Docking Guidance System. Stands 23 thru 26 available for General Aviation acft. Enter stands 27 and 28 by towing. Enter stands 1 thru 8, 13 thru 28, 38, 39, and 49 thru 51 by marshaller's signals. Stands 26 thru 28 available for helicopters.
STAND No.	COORDINATES	
1 thru 3	N55 36.5 E049 17.7	
4, 5	N55 36.5 E049 17.8	
6, 7	N55 36.5 E049 17.9	
8	N55 36.4 E049 17.9	
9, 10	N55 36.4 E049 18.0	
11, 12	N55 36.4 E049 18.1	
13	N55 36.5 E049 17.7	
14	N55 36.4 E049 17.7	
15, 16	N55 36.4 E049 17.8	
17 thru 19	N55 36.4 E049 17.9	
20	N55 36.4 E049 18.0	
21	N55 36.3 E049 18.0	
23 thru 26	N55 36.4 E049 17.7	
27, 28	N55 36.4 E049 17.8	
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	

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JEPPesen

16 FEB 18

10-9S

Eff 1 Mar

Standard**KAZAN, RUSSIA**
KAZAN

STRAIGHT-IN RWY		A	B	C	D
11	CAT 2 ILS DME	446' (100')	446' (100')	446' (100')	446' (100')
		RA 109' R300m	RA 109' R300m	RA 109' R300m	RA 109' R300m
	ILS DME	546' (200')	546' (200')	546' (200')	546' (200')
	FULL	R550m	R550m	R550m	R550m
	TDZ or CL out	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	GLS	556' (210')	566' (220')	576' (230')	586' (240')
	FULL	R550m	R550m	R550m	R550m
	TDZ or CL out	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	② RNAV (GNSS)	690' (344')	690' (344')	690' (344')	690' (344')
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
29	② VOR	680' (334')	680' (334')	680' (334')	680' (334')
		R800m	R800m	R800m	R800m
	ALS out	R1500m	R1500m	R1500m	R1500m
	② AM NDB	810' (464')	810' (464')	810' (464')	810' (464')
		R1500m	R1500m	R1500m	R1500m
	ALS out	R2200m	R2200m	R2200m	R2200m
	② BL NDB	860' (514')	860' (514')	860' (514')	860' (514')
		R1600m	R1600m	R1600m	R1600m
	ALS out	R2400m	R2400m	R2400m	R2400m
	ILS DME	610' (200')	610' (200')	610' (200')	610' (200')
	FULL	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	GLS	620' (210')	630' (220')	640' (230')	650' (240')
	FULL	① R550m	① R550m	① R550m	① R550m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	② RNAV (GNSS)	850' (440')	850' (440')	850' (440')	850' (440')
		R1300m	R1300m	R1300m	R1300m
	ALS out	R1500m	R1500m	R2000m	R2000m
	② VOR	760' (350')	760' (350')	760' (350')	760' (350')
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
	② AM or BL NDB	860' (450')	860' (450')	860' (450')	860' (450')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R2100m	R2100m	R2100m	R2100m

① W/o HUD/AP/FD: RVR 750m.

② Continuous Descent Final Approach.

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 **JEPPESSEN**

16 FEB 18

10-9S1 Eff 1 Mar

Standard

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CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
❶ After apch to rwy 11	840'(494')	850'(504')	950'(604')	1050'(704')
After apch to rwy 29	910'(500')	910'(500')	1010'(600')	1110'(700')
❷ After GLS 11/29	830'(420')	910'(500')	1010'(600')	1110'(700')
	❸ V1500m	❸ V1600m	V2400m	V3600m

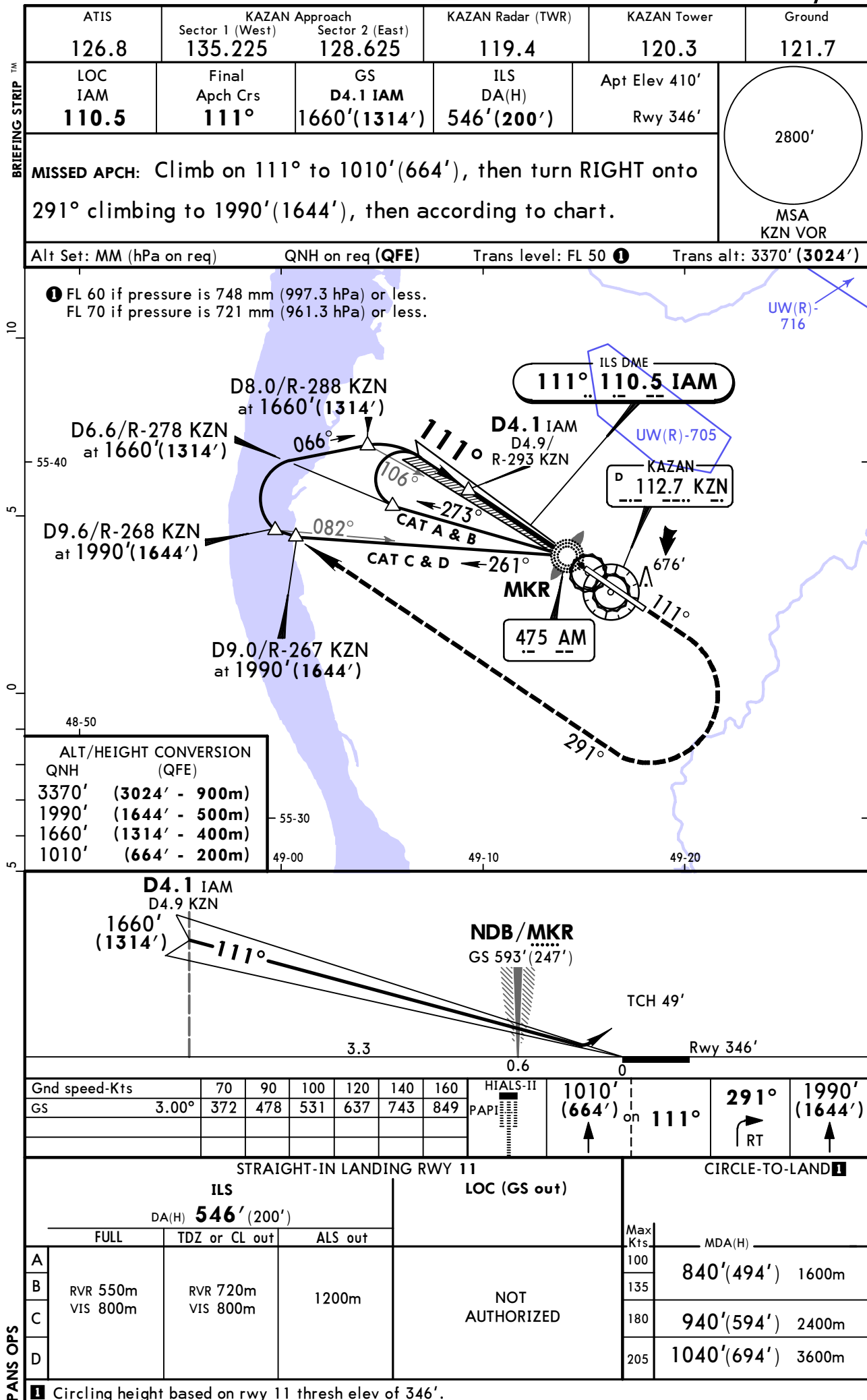
- ❶ Circling height based on rwy 11 thresh elev of 346'.
- ❷ Prohibited North of airport.
- ❸ or higher minimums of preceding straight-in approach.

TAKE-OFF						
Low Visibility Take-off						
	HIRL, CL & relevant RVR	RL, CL & relevant RVR	RL & CL	Day: RL & RCLM Night: RL or CL	Day: RL or RCLM Night: RL or CL	Adequate vis ref (Day only)
A	TDZ, MID, RO RVR 125m	TDZ, MID, RO RVR 150m	RVR 200m	RVR 300m	400m	500m
B						
C						
D						

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JEPPESSEN
25 MAY 18 (11-1)

KAZAN, RUSSIA
ILS DME Rwy 11

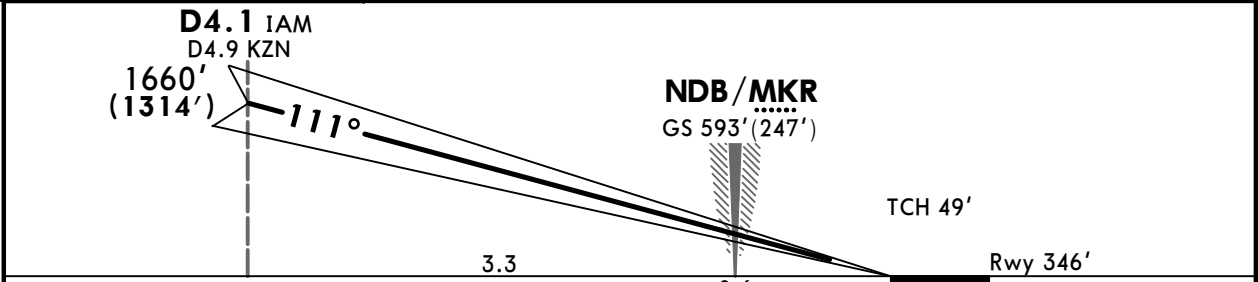
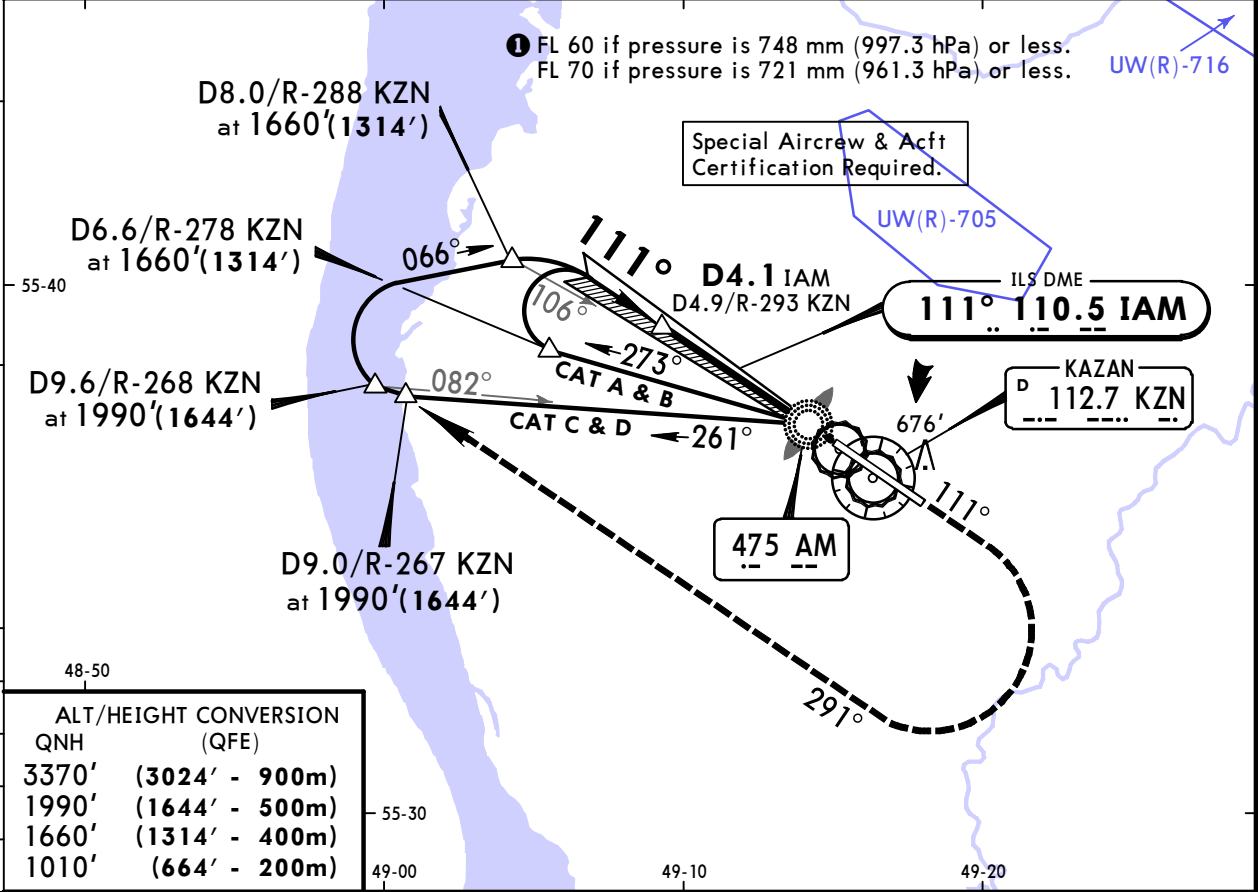


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25 MAY 18 (11-1A)

KAZAN, RUSSIA
CAT II ILS DME Rwy 11

ATIS 126.8		KAZAN Approach Sector 1 (West) 135.225 Sector 2 (East) 128.625		KAZAN Radar (TWR) 119.4		KAZAN Tower 120.3		Ground 121.7	
LOC IAM 110.5		Final Apch Crs 111°		GS D4.1 IAM 1660'(1314')		CAT II ILS RA 109' DA(H) 446'(100')		Apt Elev 410' Rwy 346'	
MISSED APCH: Climb on 111° to 1010'(664'), then turn RIGHT onto 291° climbing to 1990'(1644'), then according to chart.								2800' MSA KZN VOR	
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ❶		Trans alt: 3370' (3024')			



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1010' (664')	on 111°	291° RT	1990' (1644')
GS	3.00°	372	478	531	637	743	849	PAPI			

STRAIGHT-IN LANDING RWY 11
CAT II ILS

RA 109' DA(H) 446'(100')

RVR 300m

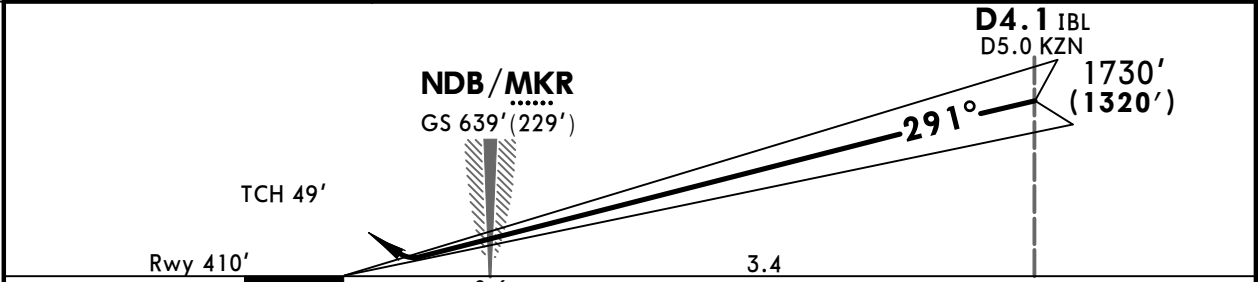
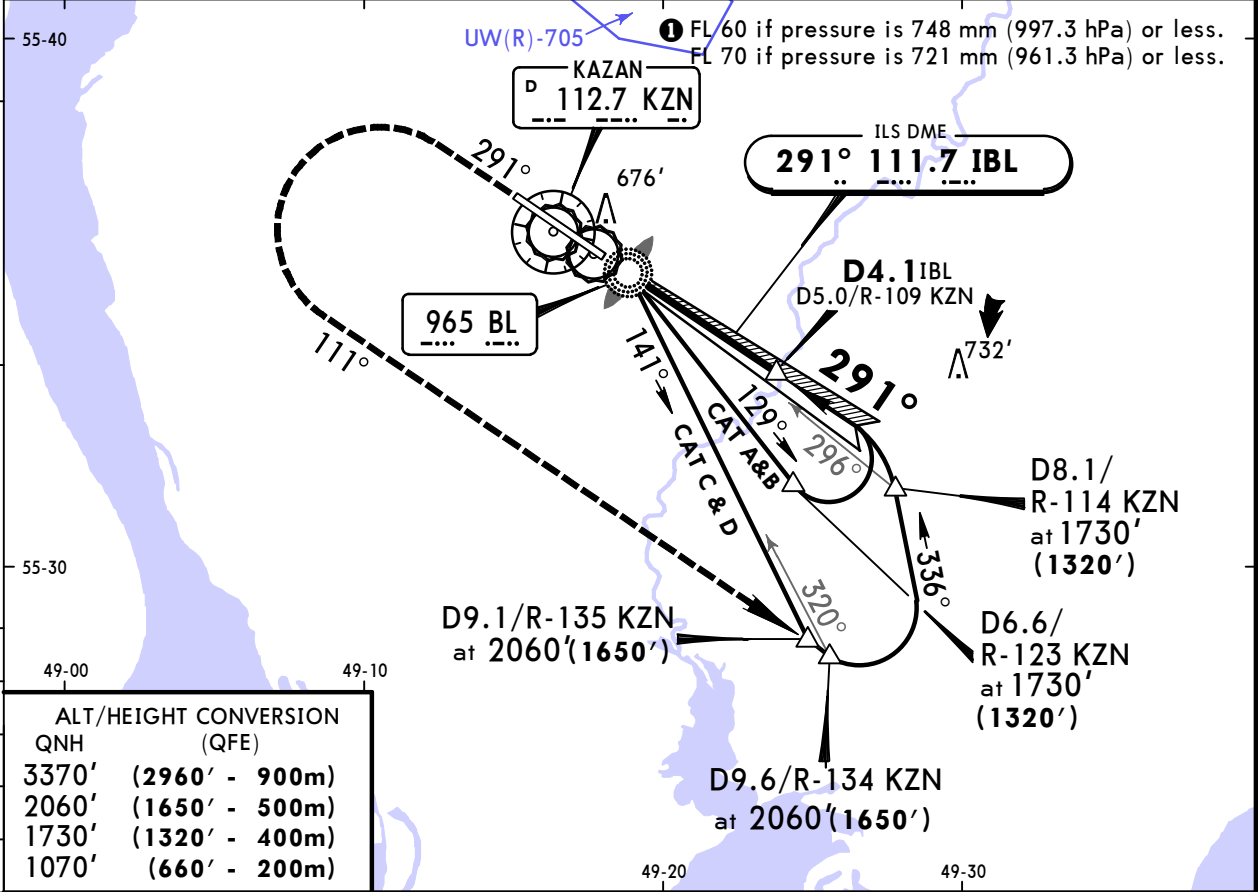
PANS OPS

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KAZAN

JEPPESSEN
25 MAY 18 11-2

KAZAN, RUSSIA
ILS DME Rwy 29

ATIS 126.8	KAZAN Approach Sector 1 (West) 135.225 Sector 2 (East) 128.625		KAZAN Radar (TWR) 119.4	KAZAN Tower 120.3	Ground 121.7
LOC IBL 111.7	Final Apch Crs 291°	GS D4.1 IBL 1730'(1320')	ILS DA(H) 610'(200')	Apt Elev 410' Rwy 410'	2800' MSA KZN VOR
MISSED APCH: Climb on 291° to 1070'(660'), then turn LEFT onto 111° climbing to 2060'(1650'), then according to chart.					
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 50 ①	Trans alt: 3370' (2960')	



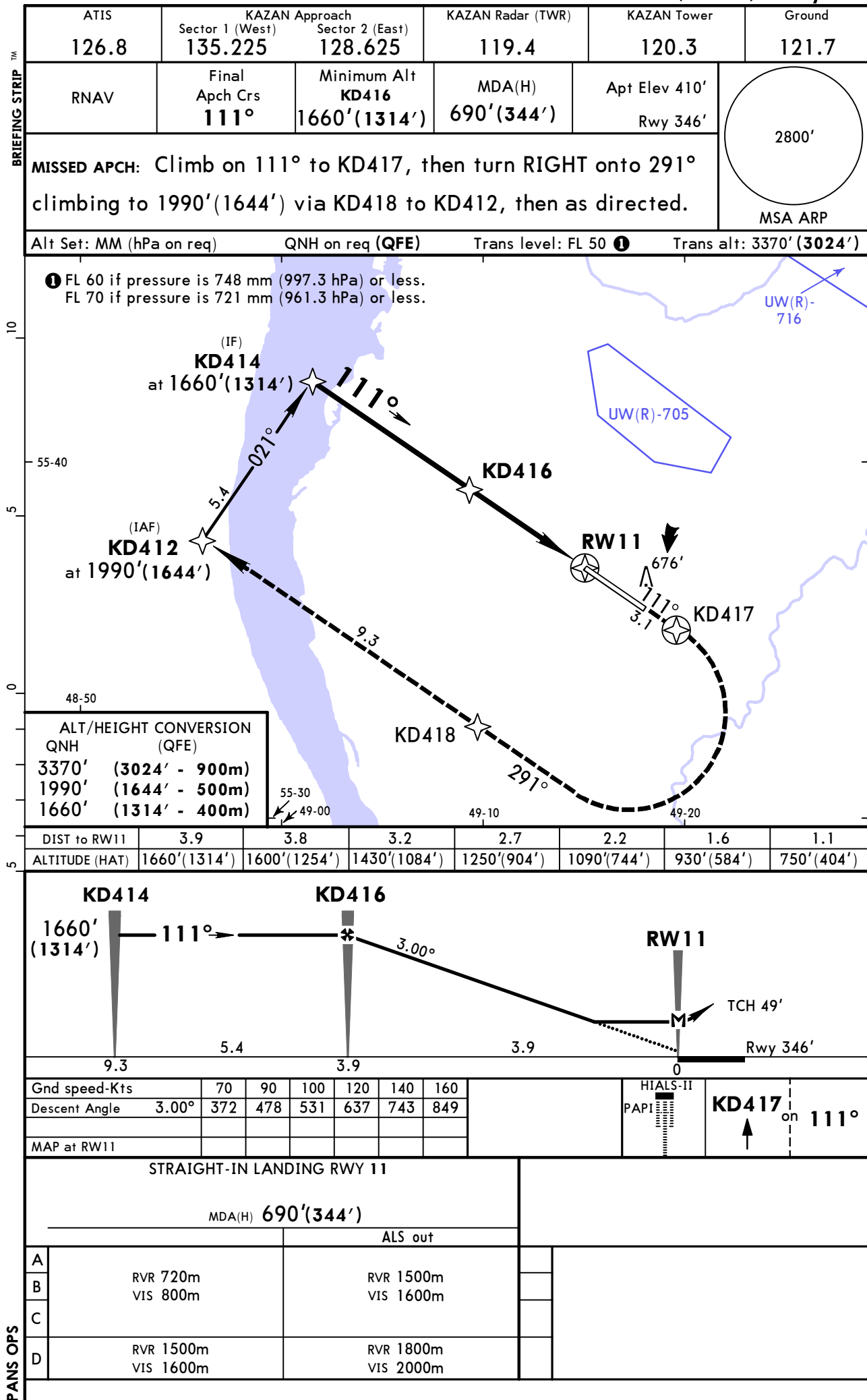
Gnd speed-Kts	70	90	100	120	140	160	HIALS	1070' (660')	291°	111°	2060' (1650')
GS	3.00°	372	478	531	637	743	PAPI	↑	←	←	↑

STRAIGHT-IN LANDING RWY 29			LOC (GS out)		CIRCLE-TO-LAND	
ILS						
DA(H) 610' (200')						
FULL		ALS out			Max Kts	MDA(H)
A					100	
B	800m	1200m	NOT AUTHORIZED		135	910' (500') 1600m
C					180	1010' (600') 2400m
D					205	1100' (690') 3600m

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KAZAN

JEPPESSEN
25 MAY 18 (12-1)

KAZAN, RUSSIA
RNAV (GNSS) Rwy 11



PANS OPS

STRAIGHT-IN LANDING RWY 29				
MDA(H) 850'(440')				
		ALS out		
A	800m	1600m		
B				
C	1200m	2000m		
D	1600m	2400m		

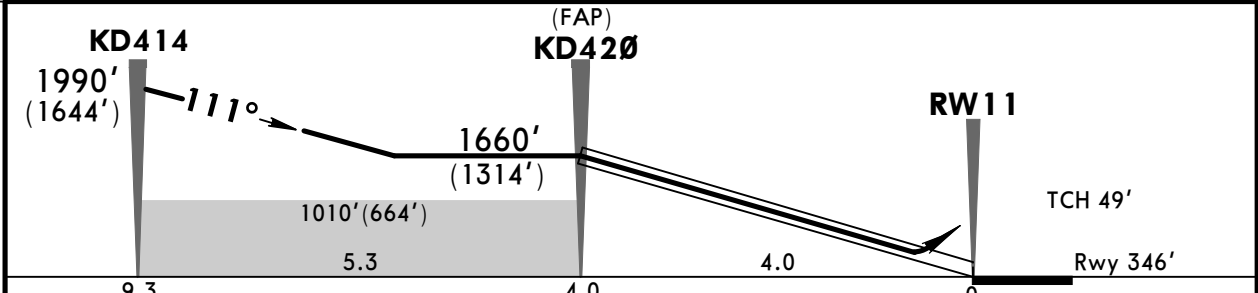
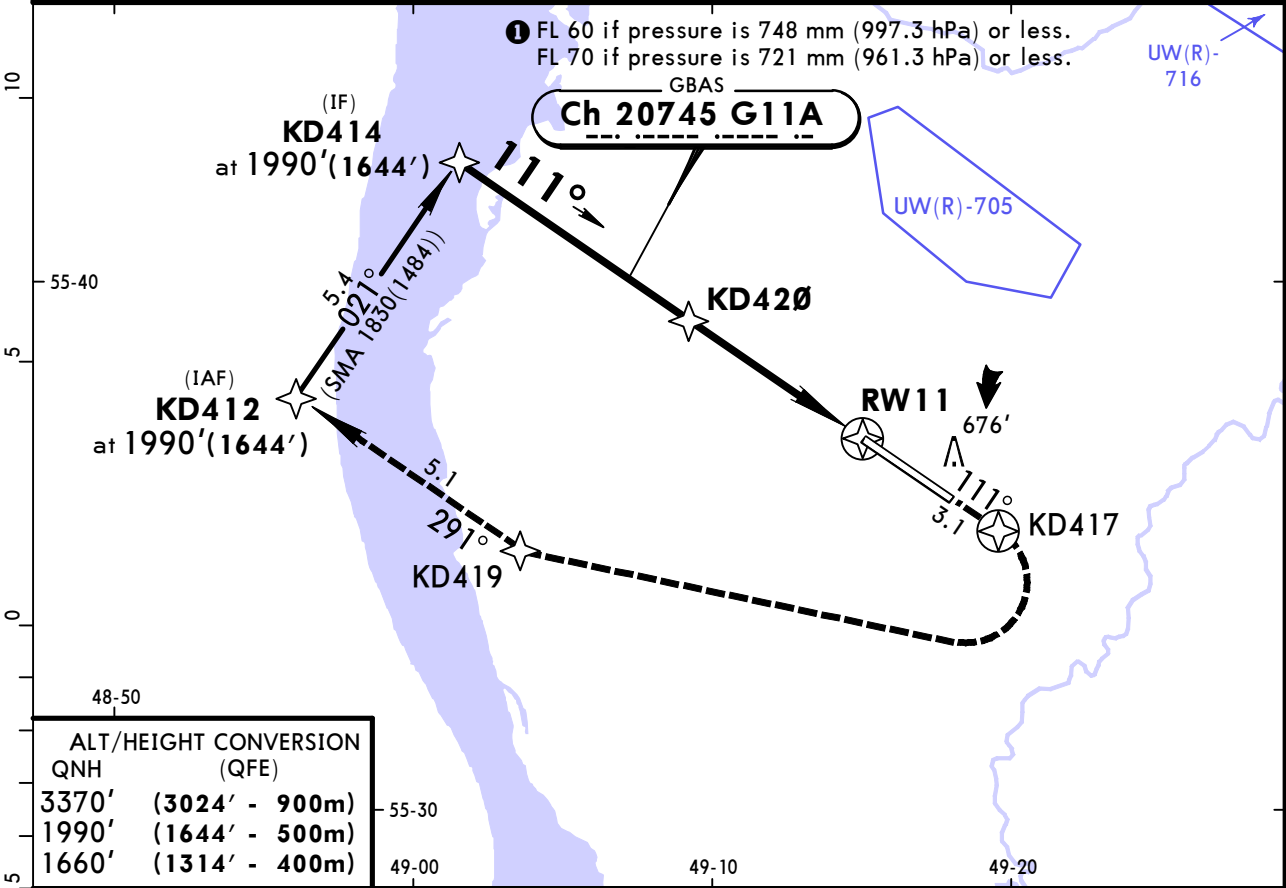
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KAZAN

JEPPESSEN
25 MAY 18 12-40

KAZAN, RUSSIA
GLS Rwy 11

ATIS 126.8		KAZAN Approach Sector 1 (West) Sector 2 (East) 135.225 128.625		KAZAN Radar (TWR) 119.4		KAZAN Tower 120.3		Ground 121.7		
GBAS Ch 20745 G11A		Final Apch Crs 111°		Procedure Alt KD420 1660'(1314')		GLS DA(H) Refer to Minimums		Apt Elev 410' Rwy 346'		2800 MSA ARP
MISSED APCH: Climb on 111° to KD417, then turn RIGHT to KD419, then to KD412 climbing to 1990'(1644'), then according to chart.										
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3370' (3024')										
1. GNSS required. 2. RNAV1 for initial, intermediate and missed approach.										



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	KD417 on 111°
Glide Path Angle 3.00°	372	478	531	637	743	849		

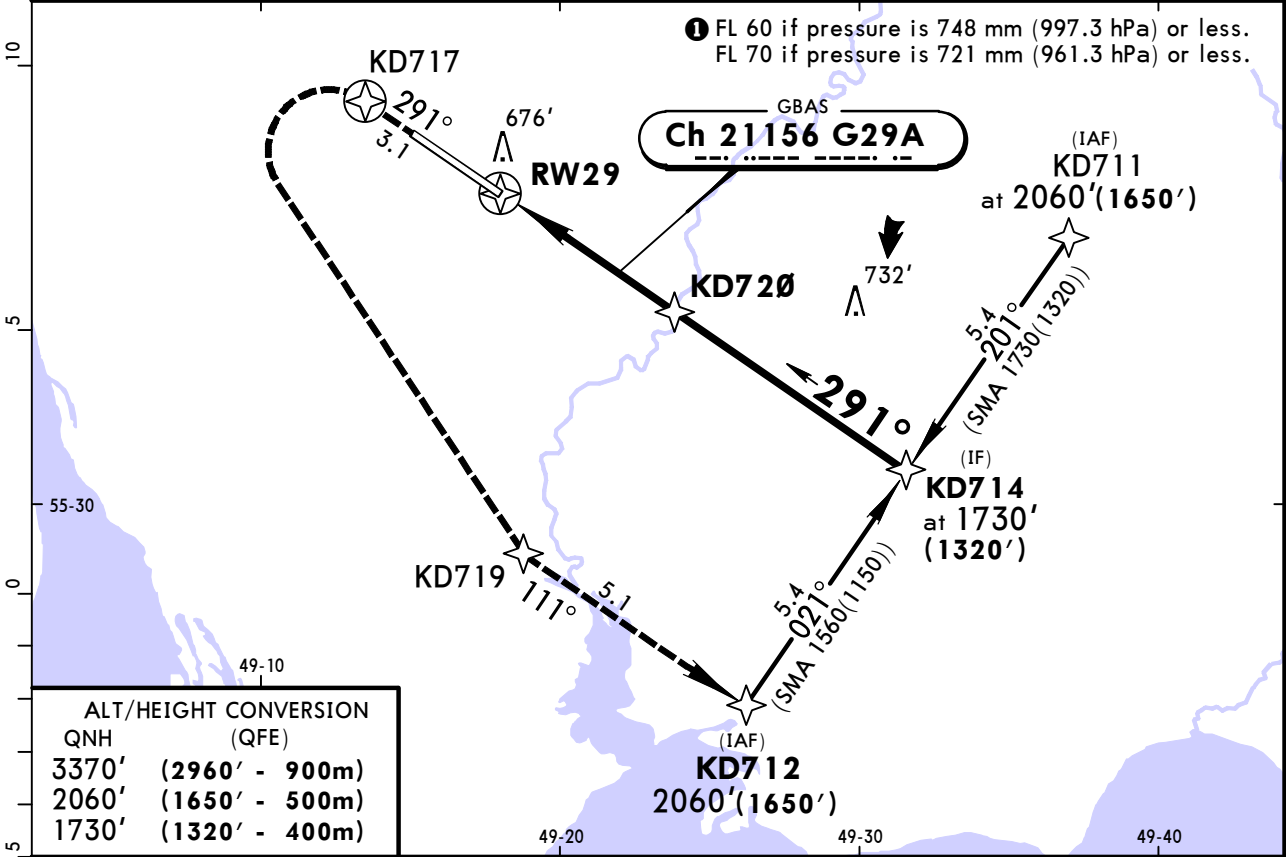
STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND	
DA(H) A:556'(210') C:576'(230') B:566'(220') D:586'(240')				Prohibited North of airport	
FULL		TDZ or CL out	ALS out	Max Kts	MDA(H)
A	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	100	830'(420') 1600m
B				135	910'(500') 1600m
C				180	1010'(600') 2400m
D				205	1100'(690') 3600m

UWKD/KZN
KAZAN

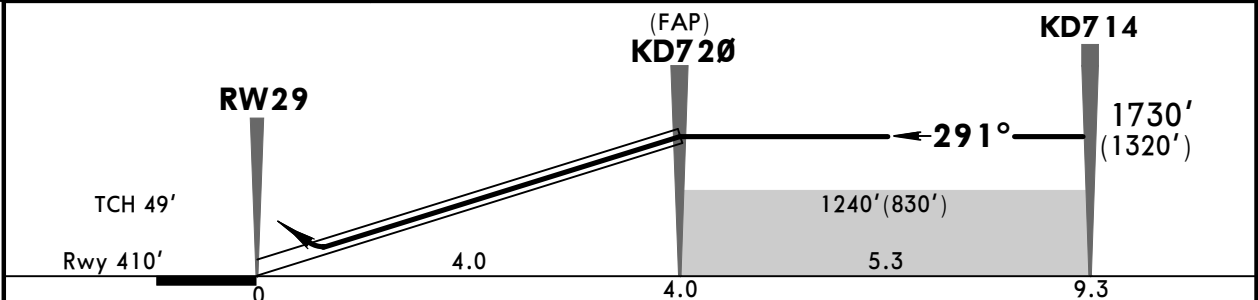
JEPPESSEN
25 MAY 18 12-41

KAZAN, RUSSIA
GLS Rwy 29

ATIS 126.8		KAZAN Approach Sector 1 (West) 135.225 Sector 2 (East) 128.625		KAZAN Radar (TWR) 119.4		KAZAN Tower 120.3		Ground 121.7		
GBAS Ch 21156 G29A		Final Apch Crs 291°		Procedure Alt KD720 1730'(1320')		GLS DA(H) Refer to Minimums		Apt Elev 410' Rwy 410'		2800 MSA ARP
MISSED APCH: Climb on 291° to KD717, then turn LEFT to KD719, then to KD712 climbing to 2060'(1650') or above, then according to chart.										
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3370' (2960')										
1. GNSS required. 2. RNAV 1 for initial, intermediate and missed approach.										



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



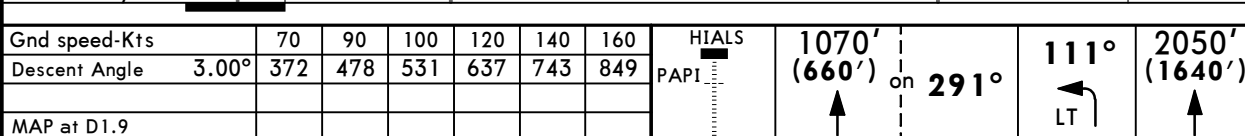
Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	KD717 on 291°
Glide Path Angle 3.00°	372	478	531	637	743	849		

STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND			
DA(H) A:620' (210') C:640' (230') B:630' (220') D:650' (240')				Prohibited North of airport			
FULL		ALS out		Max Kts	MDA(H)		
A	800m	1200m		100	830' (420')	1600m	
B				135	910' (500')	1600m	
C				180	1010' (600')	2400m	
D				205	1100' (690')	3600m	

KAZAN, RUSSIA
VOR Rwy 11

BRIEFING STRIP™

MSA KZN VOR

Trans alt: 3370' (**2960'**)

CIRCLE-TO-LAND

ALS out

Max
Kt.c

—MDA(H)—

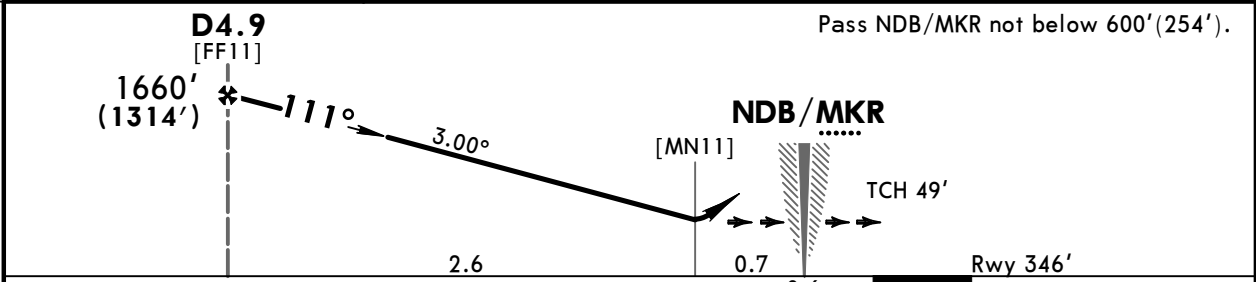
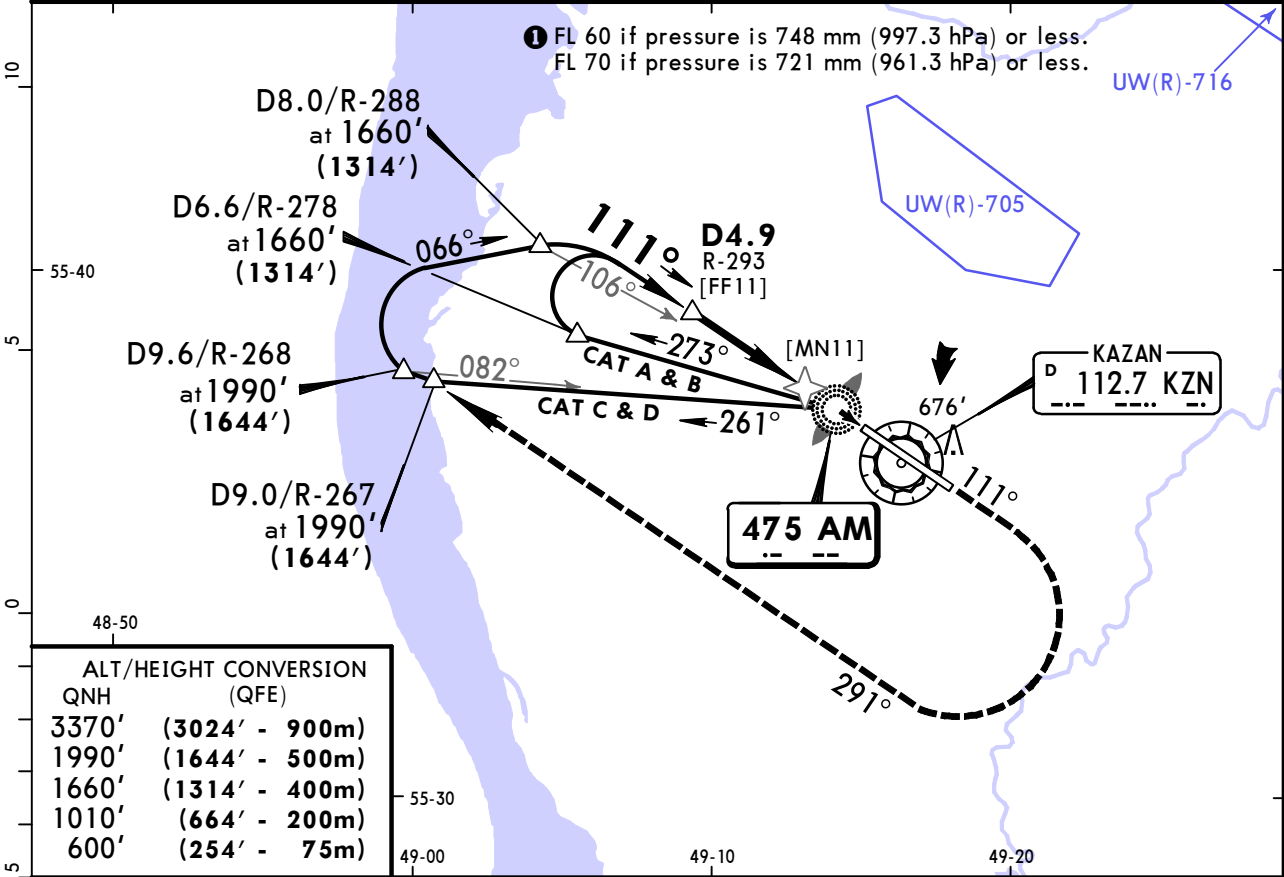
PANS OPS

UWKD/KZN
KAZAN

JEPPESSEN
25 MAY 18 (16-1)

KAZAN, RUSSIA
BASED ON AM NDB NDB Rwy 11

ATIS 126.8		KAZAN Approach Sector 1 (West) 135.225 Sector 2 (East) 128.625		KAZAN Radar (TWR) 119.4	KAZAN Tower 120.3	Ground 121.7
NDB AM 475	Final Apch Crs 111°	Minimum Alt D4.9 1660'(1314')	MDA(H) 810'(464')	Apt Elev 410' Rwy 346'	2800' MSA KZN VOR	
MISSED APCH: Climb on 111° to 1010'(664'), then turn RIGHT onto 291° climbing to 1990'(1644'), then according to chart.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ①		



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1010' (664')	on 111°	291°	1990' (1644')
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		RT	

STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND ①			
MDA(H) 810'(464')				Max Kts			
ALS out				100	840'(494') 2400m		
2400m				135			
				180	940'(594') 2400m		
				205	1040'(694') 3600m		

① Circling height based on rwy 11 thresh elev of 346'.

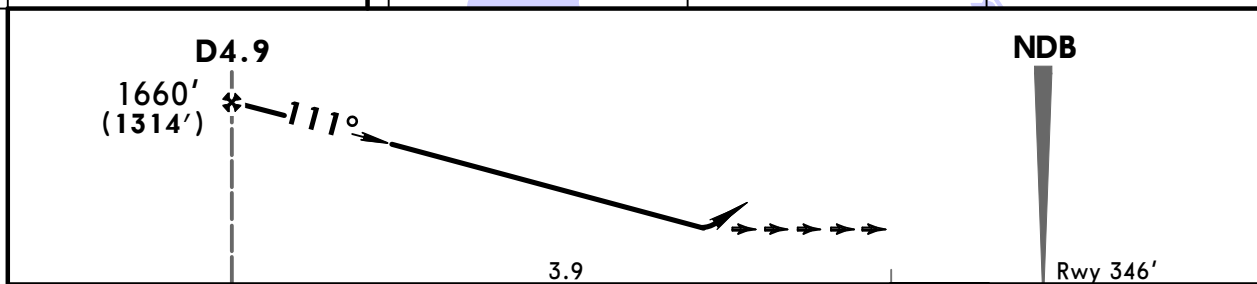
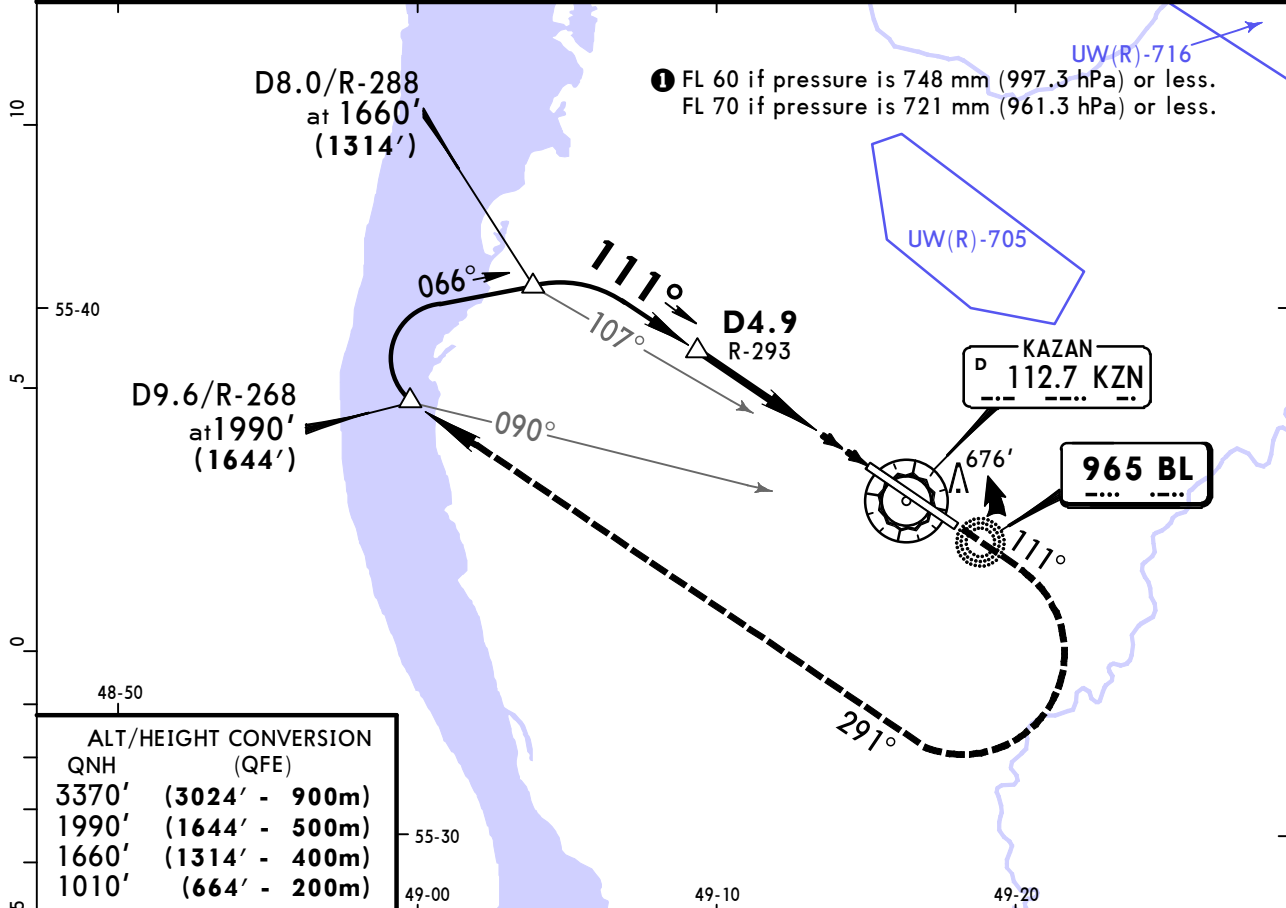
UWKD/KZN
KAZAN

JEPPESSEN
25 MAY 18 (16-2)

KAZAN, RUSSIA
BASED ON BL NDB NDB Rwy 11

BRIEFING STRIP™

ATIS 126.8	KAZAN Approach Sector 1 (West) 135.225	Sector 2 (East) 128.625	KAZAN Radar (TWR) 119.4	KAZAN Tower 120.3	Ground 121.7
NDB BL 965	Final Apch Crs 111°	Minimum Alt D4.9 1660'(1314')	MDA(H) 860'(514')	Apt Elev 410' Rwy 346'	2800' MSA KZN VOR
MISSED APCH: Climb on 111° to 1010'(664'), then turn RIGHT onto 291° climbing to 1990'(1644'), then according to chart.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 ① Trans alt: 3370'(3024')					



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	1010' (664')	on 111°	291°	1990' (1644')
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		RT	

STRAIGHT-IN LANDING RWY 11						CIRCLE-TO-LAND ①	
MDA(H) 860'(514')						Max Kts	MDA(H)
A	ALS out					100	860'(514') 2700m
B	1900m					135	940'(594') 2700m
C	2400m					180	1040'(694') 3600m
D						205	

① Circling height based on rwy 11 thresh elev of 346'.

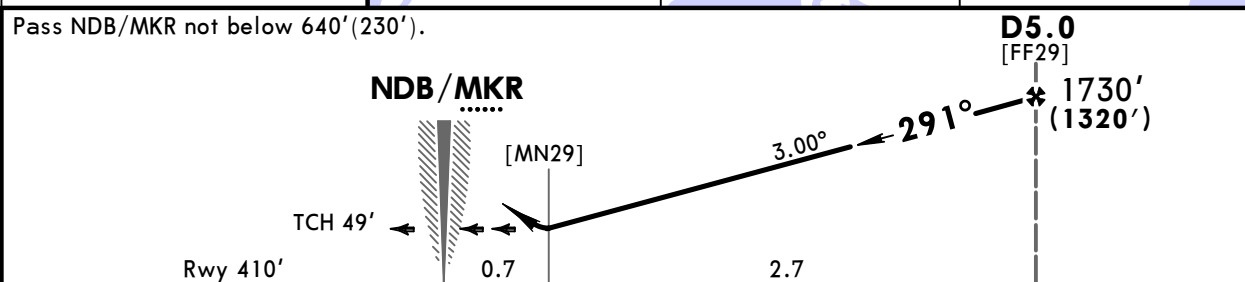
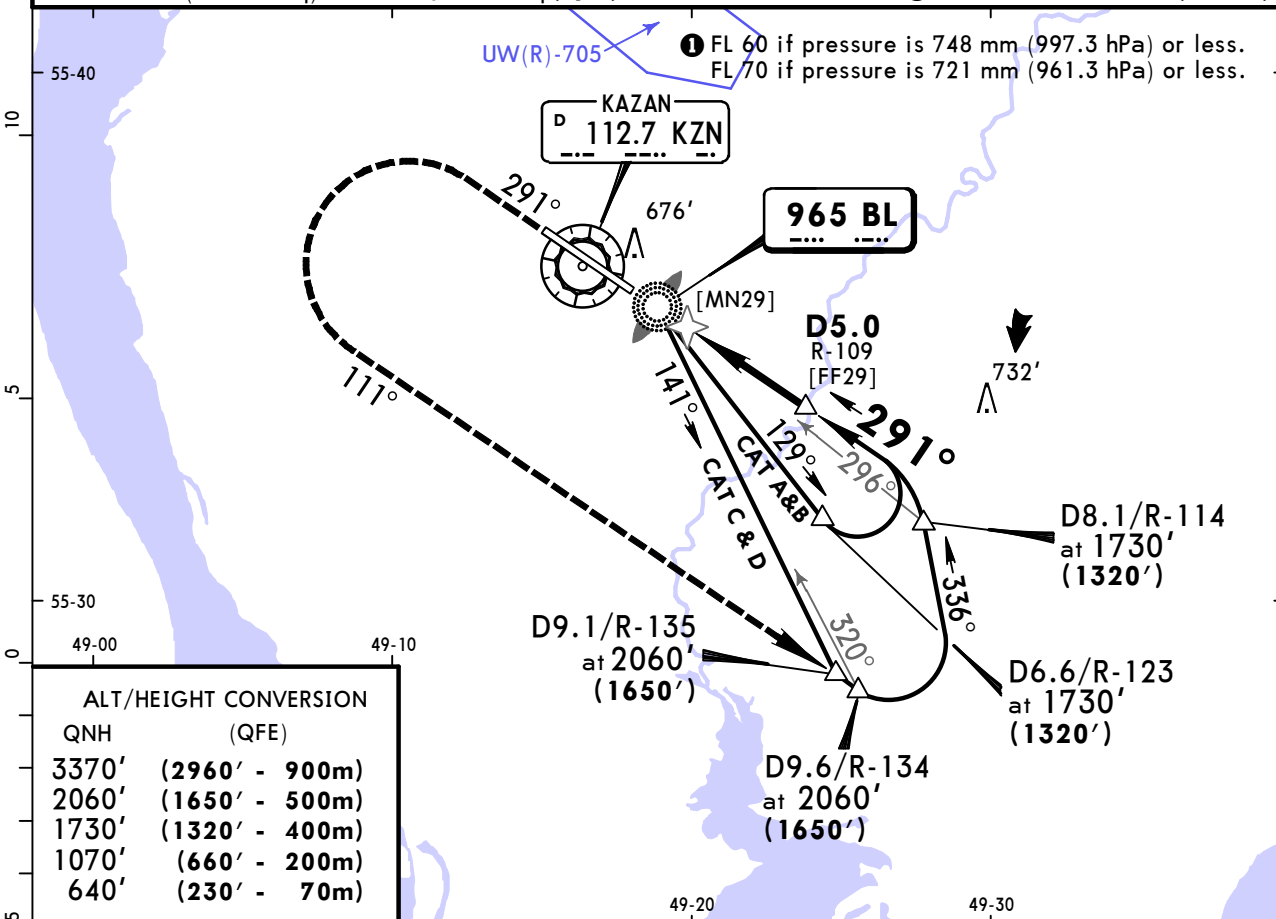
UWKD/KZN
KAZAN

JEPPESSEN
25 MAY 18 **(16-3)**

KAZAN, RUSSIA
BASED ON BL NDB **NDB Rwy 29**

BRIEFING STRIP

ATIS	KAZAN Approach		KAZAN Radar (TWR)	KAZAN Tower	Ground
126.8	Sector 1 (West)	Sector 2 (East)	119.4	120.3	121.7
NDB BL 965	Final Apch Crs 291°	Minimum Alt D5.0 1730'(1320')	MDA(H) 860'(450')	Apt Elev 410' Rwy 410'	2800' MSA KZN VOR
MISSED APCH: Climb on 291° to 1070'(660'), then turn LEFT onto 111° climbing to 2060'(1650'), then according to chart.					
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 50 ①	Trans alt: 3370' (2960')	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1070' (660')	on 291°	111°	2060' (1650')
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		LT	

STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND			
MDA(H) 860'(450')							
ALS out				Max Kts	MDA(H)		
A				100			
B	1600m			135	910'(500') 2400m		
C				180	1010'(600') 2400m		
D	2000m			205	1100'(690') 3600m		

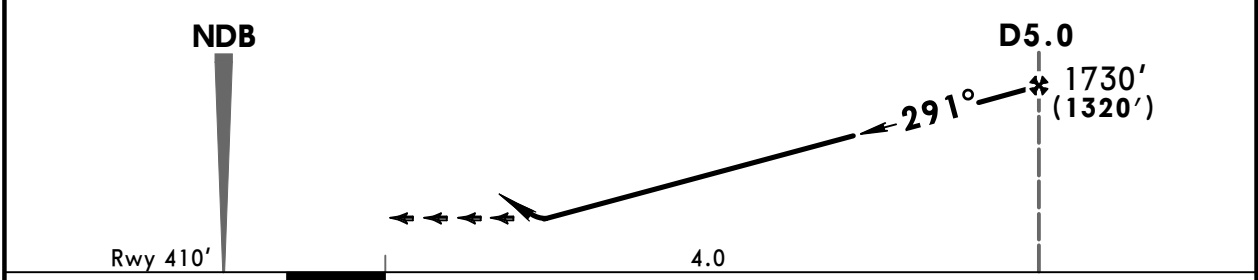
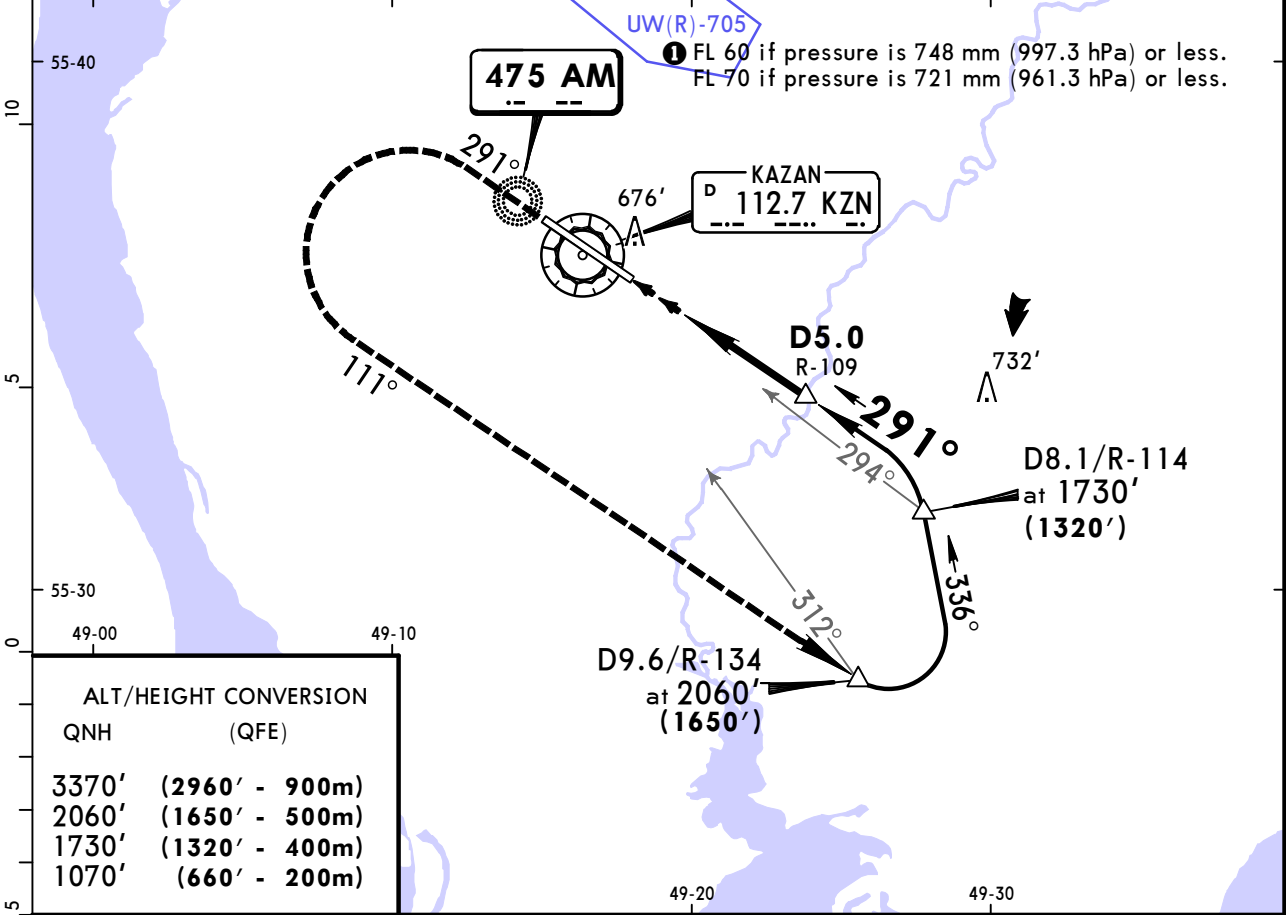
UWKD/KZN
KAZAN

JEPPESSEN
25 MAY 18 (16-4)

KAZAN, RUSSIA
BASED ON AM NDB NDB Rwy 29

ATIS 126.8	KAZAN Approach Sector 1 (West) 135.225 Sector 2 (East) 128.625		KAZAN Radar (TWR) 119.4	KAZAN Tower 120.3	Ground 121.7
NDB AM 475	Final Apch Crs 291°	Minimum Alt D5.0 1730'(1320')	MDA(H) 860'(450')	Apt Elev 410' Rwy 410'	2800' MSA KZN VOR
MISSED APCH: Climb on 291° to 1070'(660'), then turn LEFT onto 111° climbing to 2060'(1650'), then according to chart.					

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 1 Trans alt: 3370' (2960')



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1070'(660')	on 291°	111°	2060'(1650')
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		LT	

STRAIGHT-IN LANDING RWY 29						CIRCLE-TO-LAND			
MDA(H) 860'(450')						Max Kts	MDA(H)		
A	ALS out					100	910'(500') 2600m		
B						135			
C	2600m					180	1010'(600') 2600m		
D						205	1100'(690') 3600m		

Chart changes since cycle 08-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
KAZAN, (KAZAN - UWKD)				
DEL	DOCKING GUIDANCE SYSTEM	10-9B	26 Apr 2019	

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UWKD