

List of pages in this Trip Kit

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Airport Information For USUU
Terminal Charts For USUU
Revision Letter For Cycle 17-2013
Change Notices
Notebook

General Information

Location: Kurgan Rus
IATA Code: KRO
Lat/Long: N55° 28.5' E065° 25.0'
Elevation: 239 ft

Airport Use: Public
Magnetic Variation: 13.3°E

Customs: No
Airport Type: IFR
Landing Fee: No
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0031 Z
Sunset: 1450 Z,

Runway Information

Runway: 02
Length x Width: 8533 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 237 ft
Lighting: Edge, ALS

Runway: 20
Length x Width: 8533 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 233 ft
Lighting: Edge, ALS

Communication Information

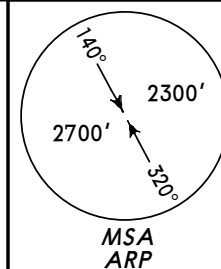
Kurgan Tower 124.0 Non-English
Kurgan Tower 120.3 Non-English
Kurgan Approach Control 124.0 Non-English
Kurgan Approach Control 120.3 Non-English
Kurgan Transit Operations 131.7 Non-English

*KURGAN Approach (Russian) 120.3 124.0X	<i>Apt Elev</i> 239'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL40 FL50 if pressure is at or below 753mm (1003.9 hPa) Trans alt (hgt): 2870' (2633')
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**BAGER Ø2A (BAG Ø2A), BAGER Ø2B (BAG Ø2B)
RWY 02 ARRIVALS**

CAT C & D

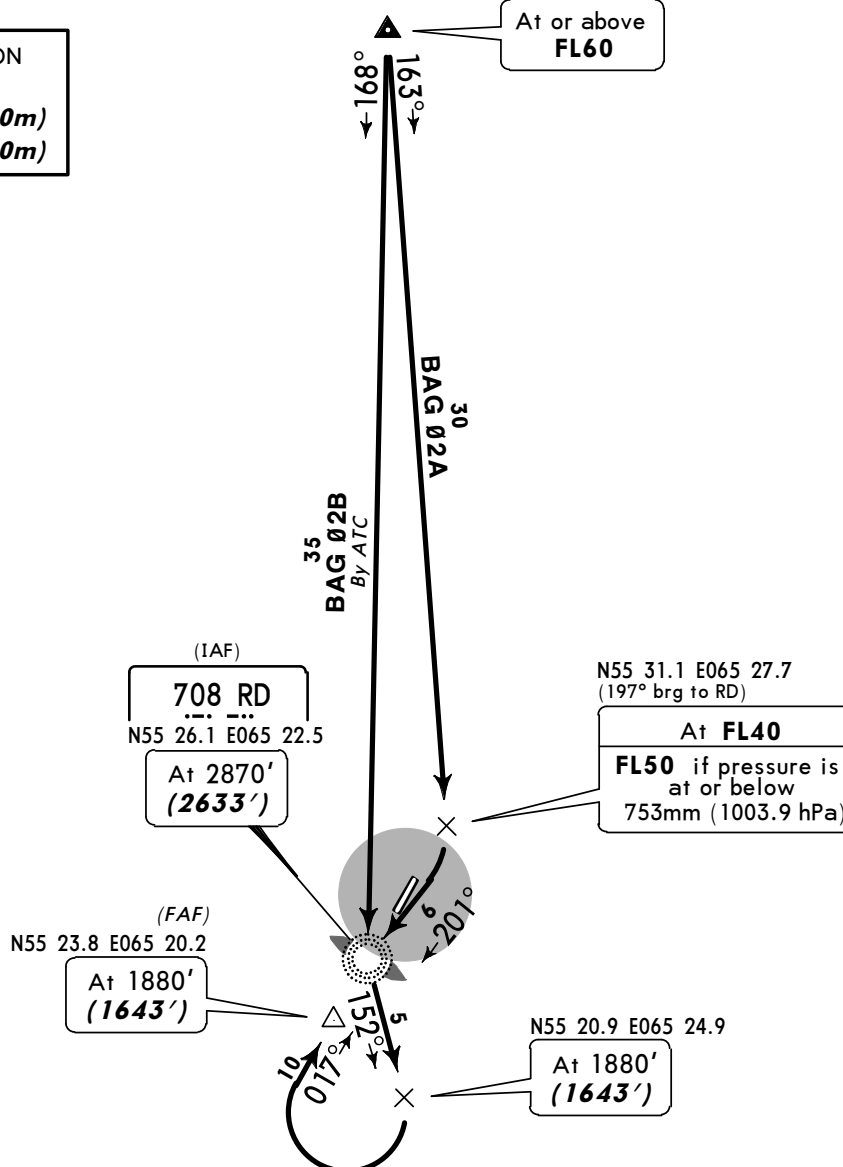
FOR RUSSIAN USERS ONLY

**BAGER**

N56 00.8 E065 23.7

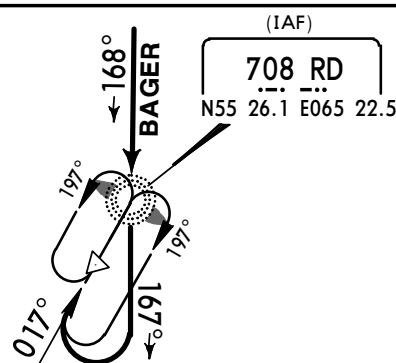
At or above
FL60

ALT/HEIGHT CONVERSION
QNH (QFE)
2870' (2633' - 800m)
1880' (1643' - 500m)



LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF RD, enter STAR as follows:
 - from BAGER perform teardrop entry:
 - overfly RD, 167° track for 1,5 MIN, turn onto RD and perform RIGHT hand racetrack approach;
- IN THE EVENT OF LOST COMMS, descend for approach after overflying RD.
- IF ASR OUT, descend as instructed by ATC.



*KURGAN Approach
(Russian)
120.3 124.0X

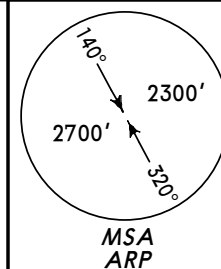
Apt Elev
239'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2633')

BAGER Ø2A (BAG Ø2A), BAGER Ø2B (BAG Ø2B) RWY 02 ARRIVALS

CAT A & B

FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION
QNH (QFE)
2870' (2633' - 800m)
1880' (1643' - 500m)



BAGER

N56 00.8 E065 23.7

At or above
FL60

(IAF)
708 RD
N55 26.1 E065 22.5
At 2870'
(2633')

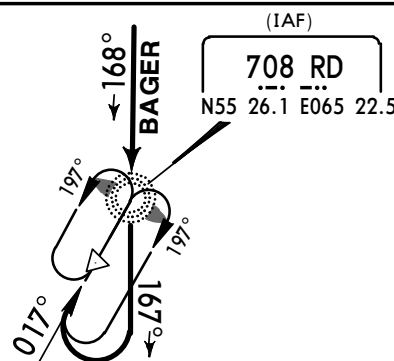
N55 31.1 E065 27.7
(197° brg to RD)
At FL40
FL50 if pressure is
at or below
753mm (1003.9 hPa)

(FAF)
N55 23.8 E065 20.2
At 1880'
(1643')

N55 21.7 E065 21.5
At 1880'
(1643')

LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF RD, enter STAR as follows:
from BAGER perform teardrop entry:
overfly RD, 167° track for 1.5 MIN, turn onto RD and perform RIGHT hand racetrack approach;
- IN THE EVENT OF LOST COMMS, descend for approach after overflying RD.
- IF ASR OUT, descend as instructed by ATC.

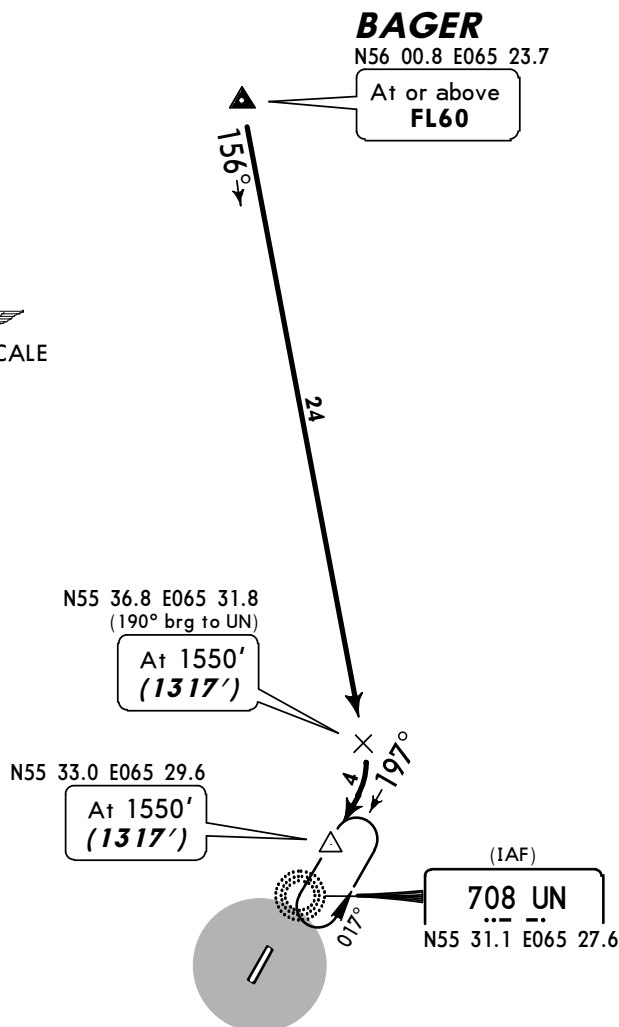
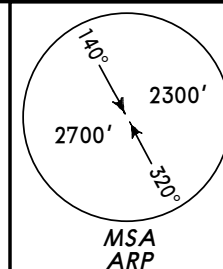


*KURGAN Approach
(Russian)
120.3 124.0X

Apt Elev
239'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2637')
Final turn to be performed with descent.

BAGER 20A (BAG 20A)
RWY 20 ARRIVAL
FOR RUSSIAN USERS ONLY



LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF UN, then perform racetrack approach;
- IN THE EVENT OF LOST COMMS, descend for approach after overflying UN;
- IF ASR OUT, descend as instructed by ATC.
- track 017°: CAT A&B 2 MIN
CAT C&D 1,5 MIN.

ALT/HEIGHT CONVERSION

QNH	(QFE)
2870'	(2637' - 800m)
1550'	(1317' - 400m)

*KURGAN Approach
(Russian)
120.3 124.0X

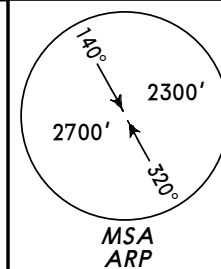
Apt Elev
239'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2633')

ARLAD Ø2A (ARL Ø2A)
DONUS Ø2A (DON Ø2A)①, MILSU Ø2A (MLS Ø2A)
RWY 02 ARRIVALS

CAT C & D

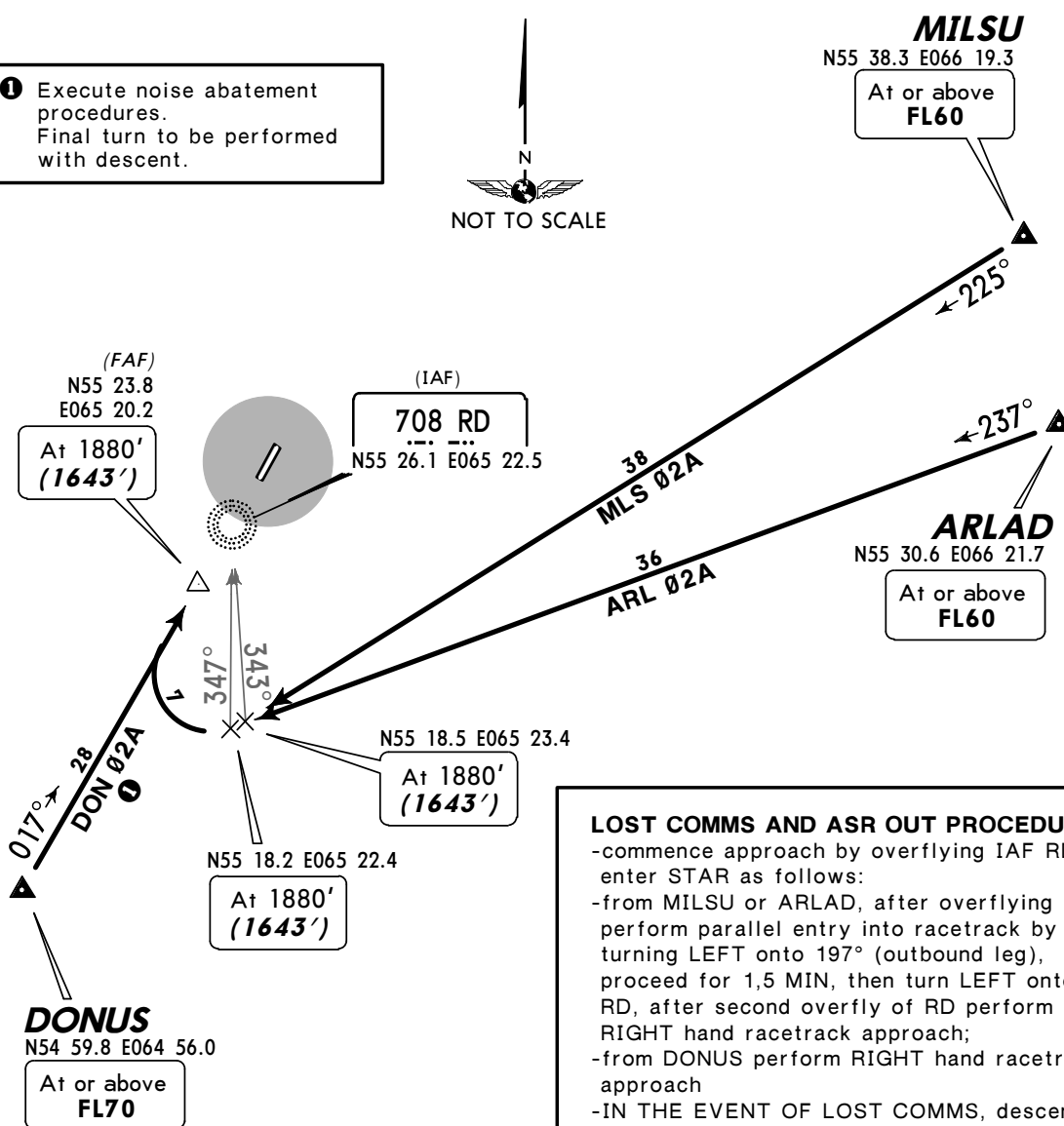
FOR RUSSIAN USERS ONLY



- ① Execute noise abatement procedures. Final turn to be performed with descent.

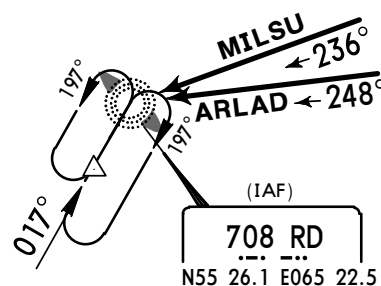


NOT TO SCALE



LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF RD, enter STAR as follows:
- from MILSU or ARLAD, after overflying RD, perform parallel entry into racetrack by turning LEFT onto 197° (outbound leg), proceed for 1,5 MIN, then turn LEFT onto RD, after second overfly of RD perform RIGHT hand racetrack approach;
- from DONUS perform RIGHT hand racetrack approach
- IN THE EVENT OF LOST COMMS, descend for approach after overflying RD.
- IF ASR OUT, descend as instructed by ATC.



ALT/HEIGHT CONVERSION
QNH (QFE)
2870' (2633' - 800m)
1880' (1643' - 500m)

*KURGAN Approach
(Russian)
120.3 124.0X

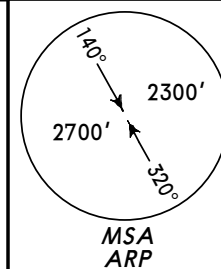
Apt Elev
239'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2633')

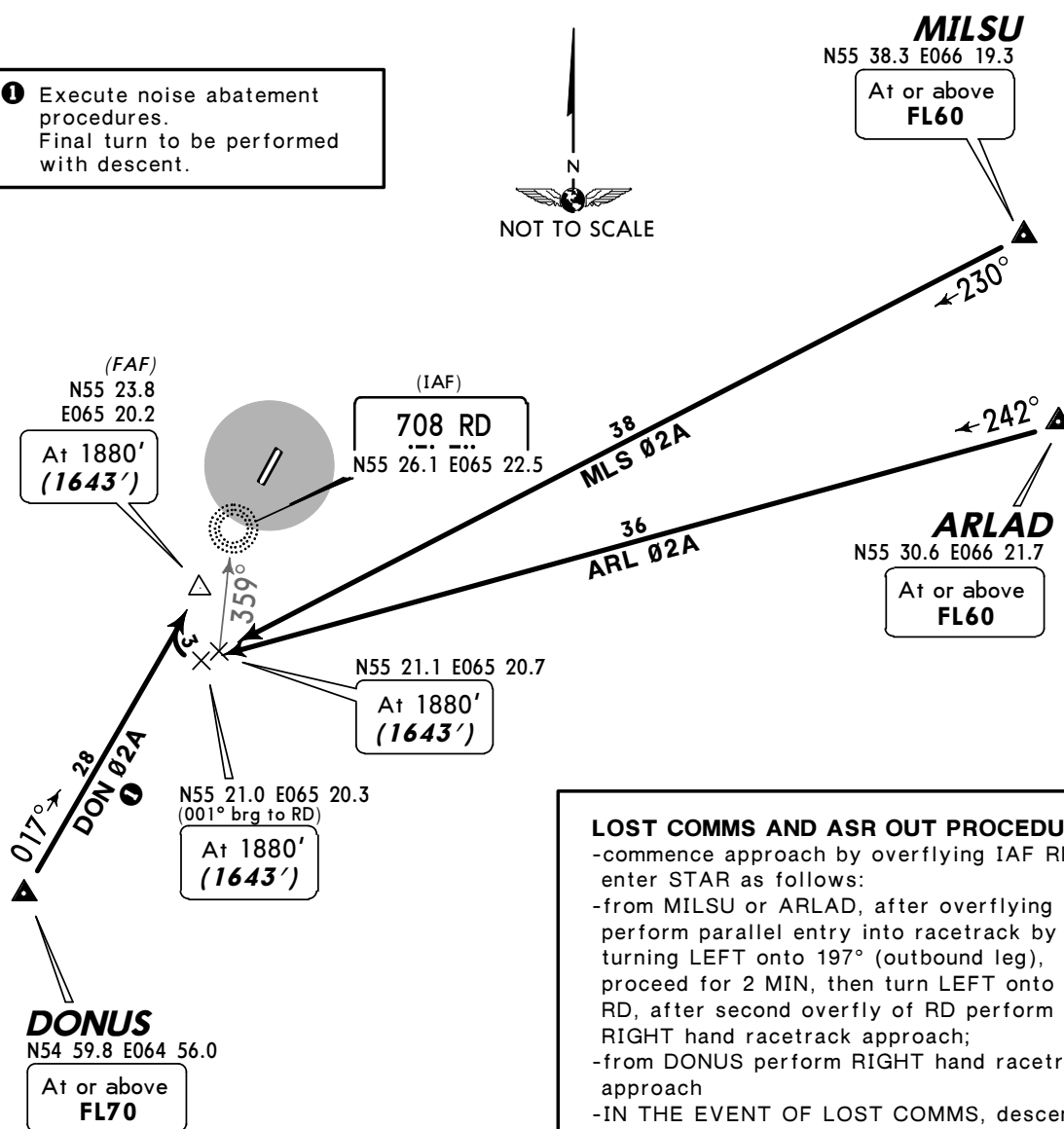
ARLAD Ø2A (ARL Ø2A)
DONUS Ø2A (DON Ø2A)①, MILSU Ø2A (MLS Ø2A)
RWY 02 ARRIVALS

CAT A & B

FOR RUSSIAN USERS ONLY

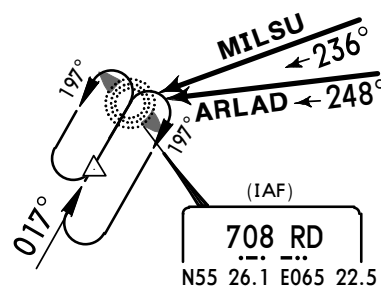


① Execute noise abatement procedures.
Final turn to be performed with descent.



LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF RD, enter STAR as follows:
- from MILSU or ARLAD, after overflying RD, perform parallel entry into racetrack by turning LEFT onto 197° (outbound leg), proceed for 2 MIN, then turn LEFT onto RD, after second overfly of RD perform RIGHT hand racetrack approach;
- from DONUS perform RIGHT hand racetrack approach
- IN THE EVENT OF LOST COMMS, descend for approach after overflying RD.
- IF ASR OUT, descend as instructed by ATC.



ALT/HEIGHT CONVERSION
QNH (QFE)
2870' (2633' - 800m)
1880' (1643' - 500m)

*KURGAN Approach
(Russian)
120.3 124.0X

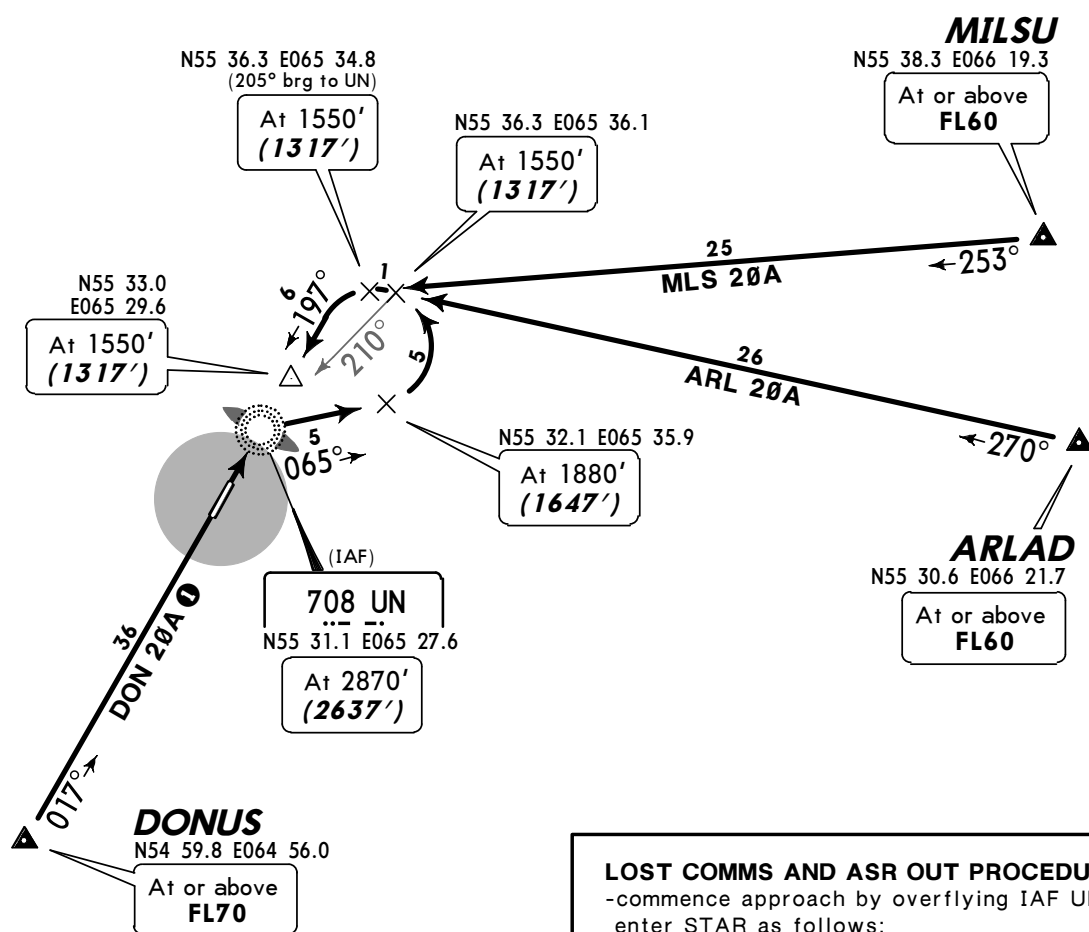
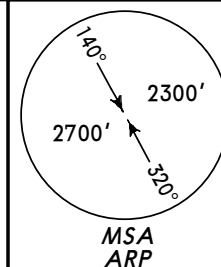
Apt Elev
239'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2637')
Final turn to be performed with descent.

ARLAD 20A (ARL 20A)
DONUS 20A (DON 20A)①, MILSU 20A (MLS 20A)
RWY 20 ARRIVALS

CAT C & D

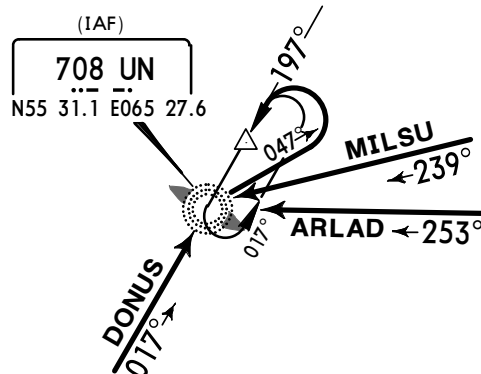
FOR RUSSIAN USERS ONLY



① Execute noise abatement procedures.

LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF UN, enter STAR as follows:
- from MILSU or ARLAD, after overflying UN, perform direct entry into racetrack by turning LEFT onto outbound leg;
- from DONUS perform teardrop entry: overfly UN and turn RIGHT onto 047°;
- IN THE EVENT OF LOST COMMS, descend for approach after overflying UN.
- IF ASR OUT, descend as instructed by ATC;
- track 017° or 047° 1,5 MIN.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2870'	(2637' - 800m)
1880'	(1647' - 500m)
1550'	(1317' - 400m)



*KURGAN Approach
(Russian)
120.3 124.0X

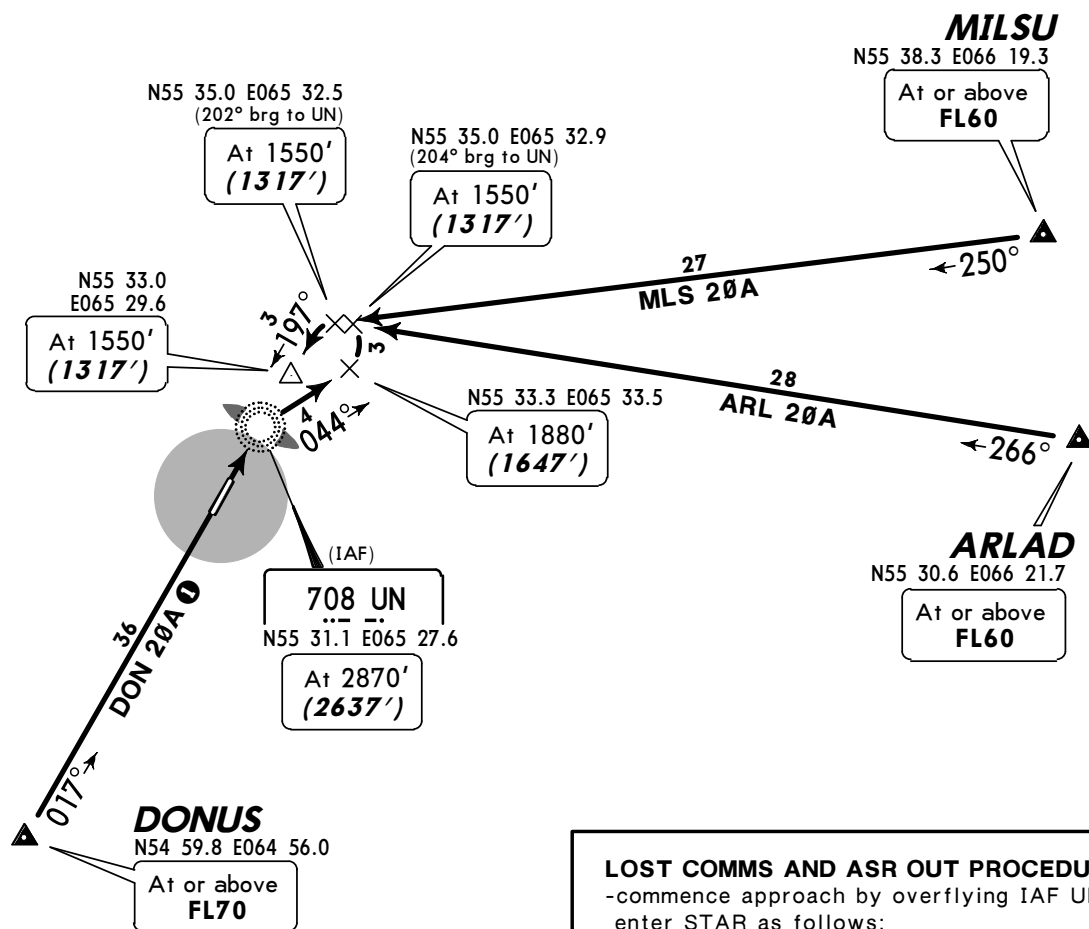
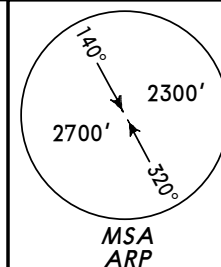
Apt Elev
239'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2637')
Final turn to be performed with descent.

ARLAD 20A (ARL 20A)
DONUS 20A (DON 20A)①, MILSU 20A (MLS 20A)
RWY 20 ARRIVALS

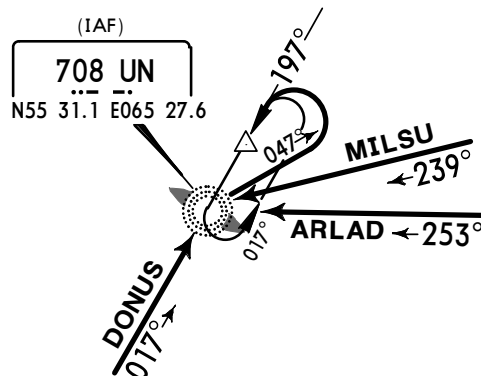
CAT A & B

FOR RUSSIAN USERS ONLY



LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF UN, enter STAR as follows:
- from MILSU or ARLAD, after overflying UN, perform direct entry into racetrack by turning LEFT onto outbound leg;
- from DONUS perform teardrop entry: overfly UN and turn RIGHT onto 047°;
- IN THE EVENT OF LOST COMMS, descend for approach after overflying UN.
- IF ASR OUT, descend as instructed by ATC;
- track 017° or 047° 1,5 MIN.



ALT/HEIGHT CONVERSION
QNH (QFE)
2870' (2637' - 800m)
1880' (1647' - 500m)
1550' (1317' - 400m)



*KURGAN Approach
(Russian)
120.3 124.0X

Apt Elev
239'

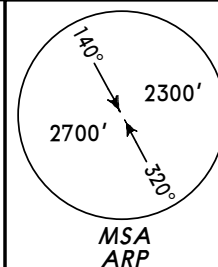
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2633')
Final turn to be performed with descent.

BEKAT Ø2A (BKT Ø2A), BEKAT Ø2B (BKT Ø2B) ①
OKUNA Ø2A (OKN Ø2A), OKUNA Ø2B (OKN Ø2B) ①

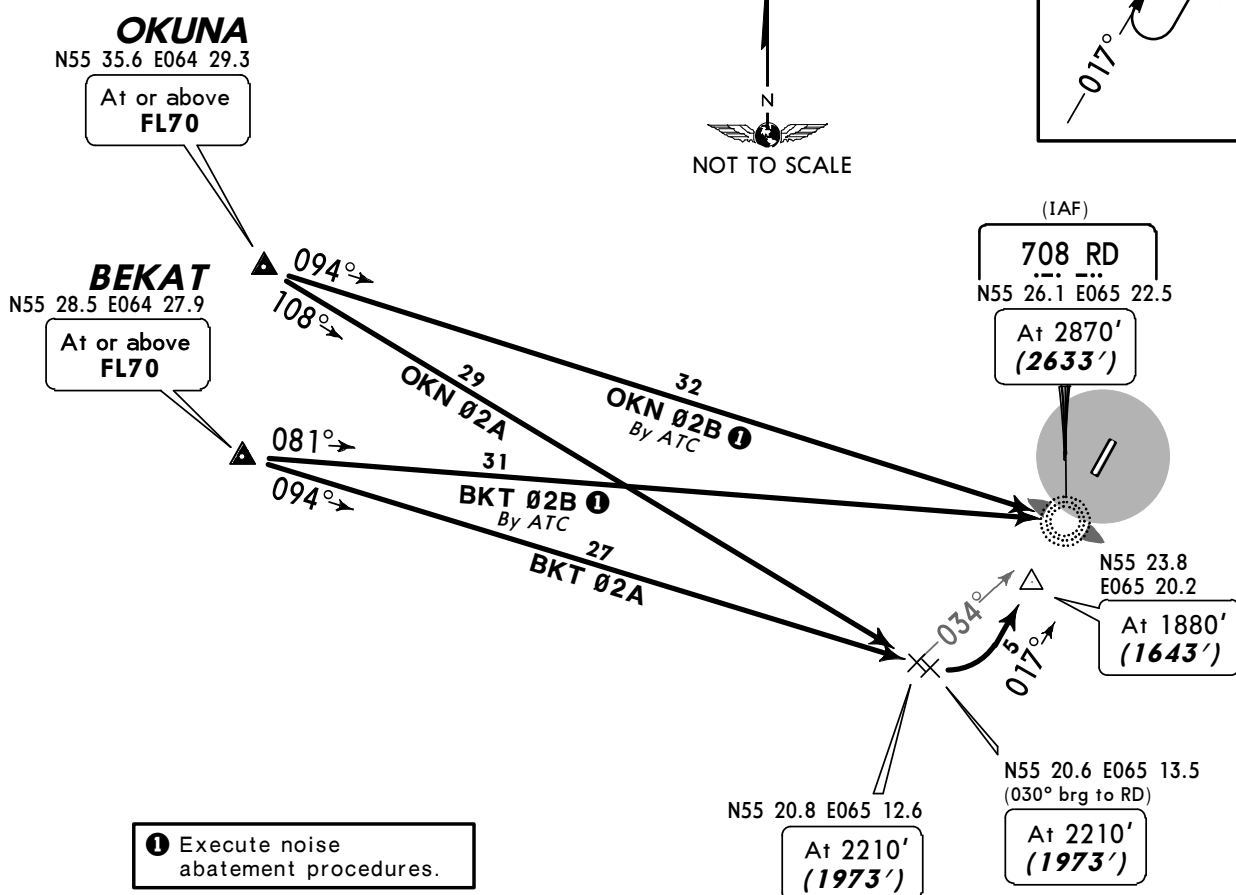
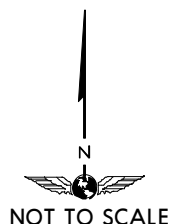
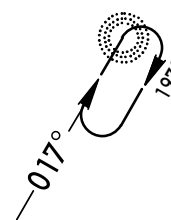
RWY 02 ARRIVALS

CAT C & D

FOR RUSSIAN USERS ONLY



HOLDING
OVER RD



LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF RD, then perform RIGHT hand racetrack approach;
- IN THE EVENT OF LOST COMMS, descend for approach after overflying RD.
- IF ASR OUT, descend as instructed by ATC.

ALT/HEIGHT CONVERSION
QNH (QFE)
2870' (2633' - 800m)
2210' (1973' - 600m)
1880' (1643' - 500m)

*KURGAN Approach
(Russian)
120.3 124.0X

Apt Elev
239'

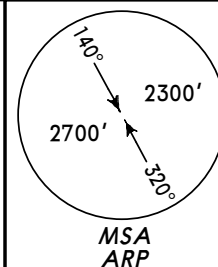
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2633')
Final turn to be performed with descent.

BEKAT Ø2A (BKT Ø2A), BEKAT Ø2B (BKT Ø2B) ①
OKUNA Ø2A (OKN Ø2A), OKUNA Ø2B (OKN Ø2B) ①

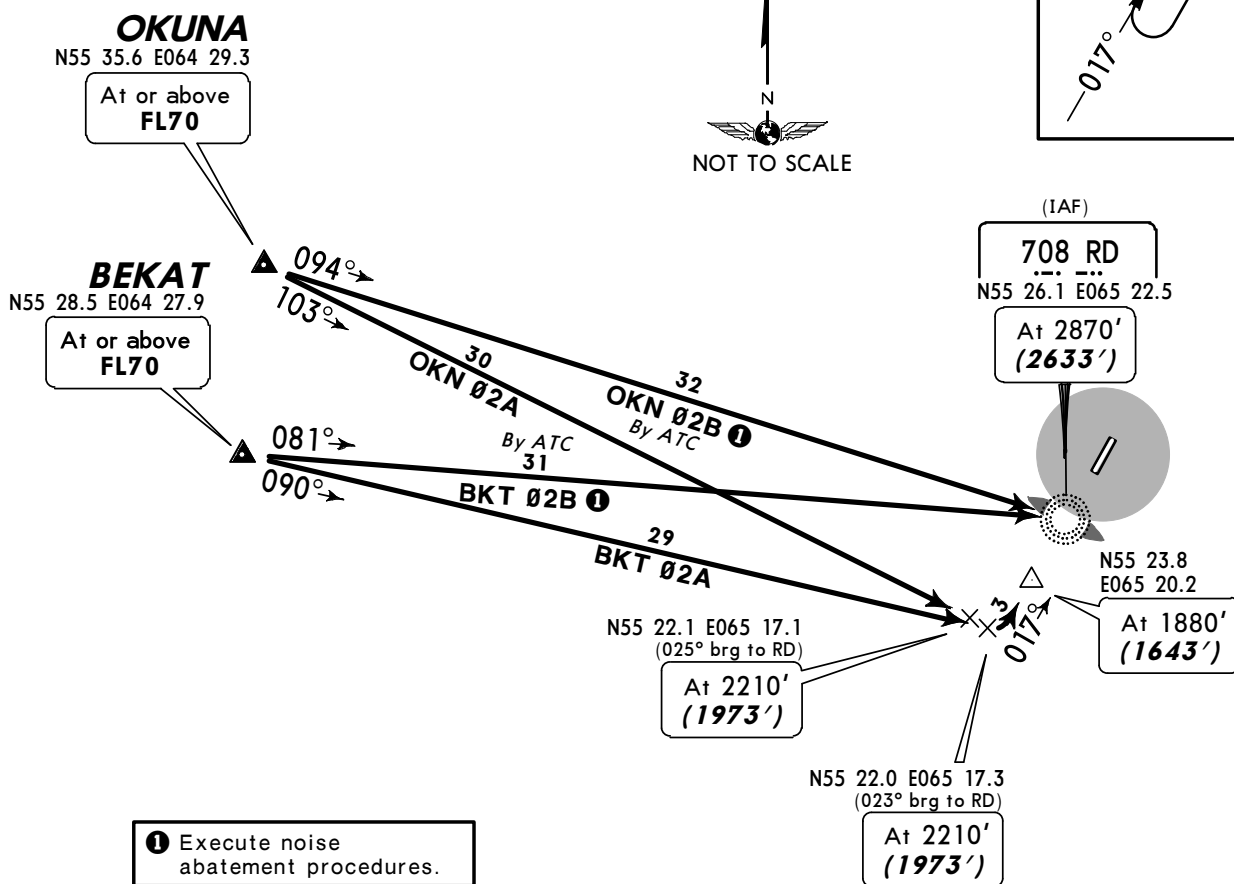
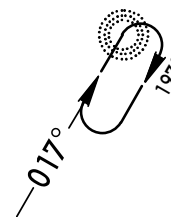
RWY 02 ARRIVALS

CAT A & B

FOR RUSSIAN USERS ONLY



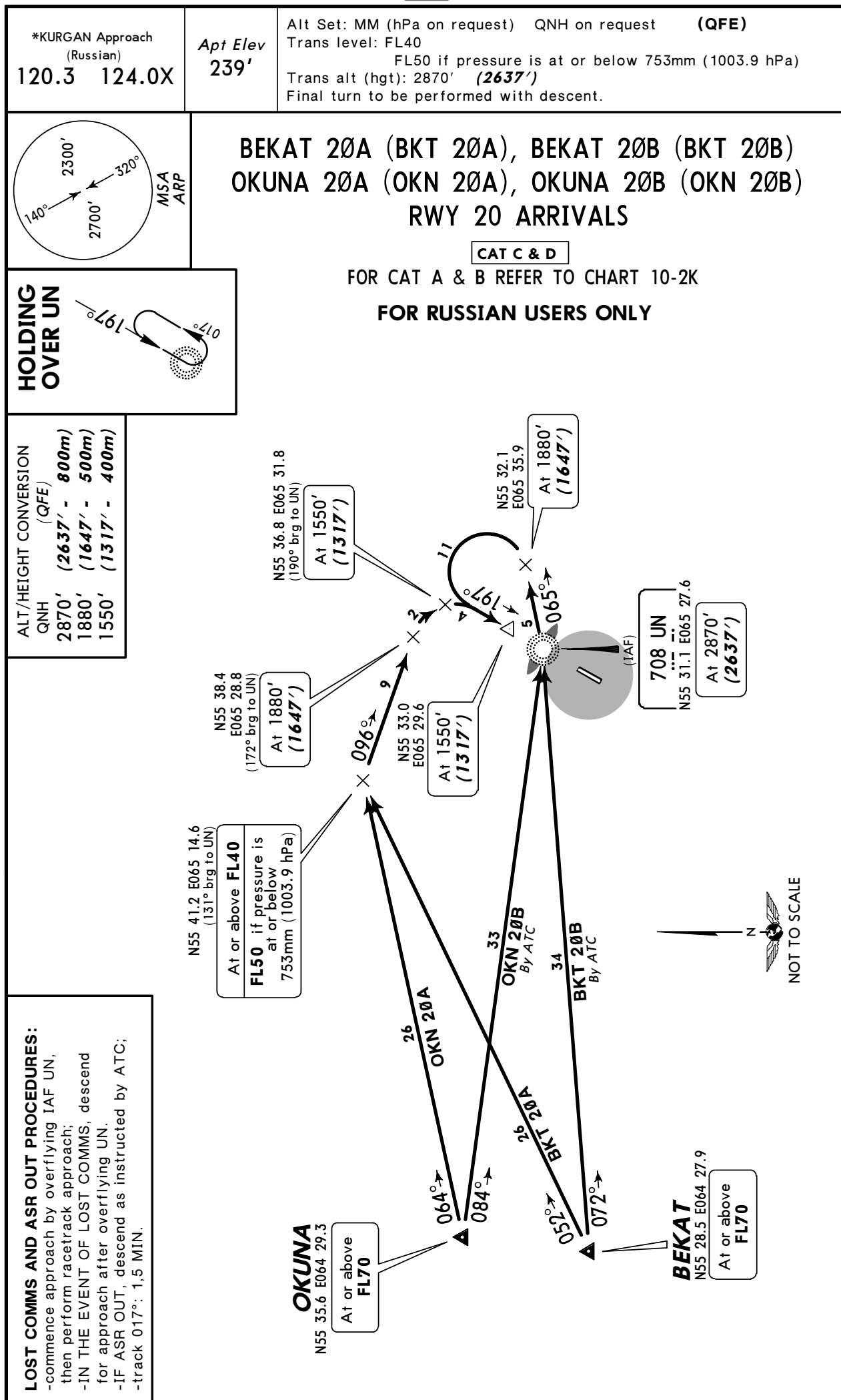
HOLDING
OVER RD



LOST COMMS AND ASR OUT PROCEDURES:

- commence approach by overflying IAF RD, then perform RIGHT hand racetrack approach;
- IN THE EVENT OF LOST COMMS, descend for approach after overflying RD.
- IF ASR OUT, descend as instructed by ATC.

ALT/HEIGHT CONVERSION
QNH (QFE)
2870' (2633' - 800m)
2210' (1973' - 600m)
1880' (1643' - 500m)



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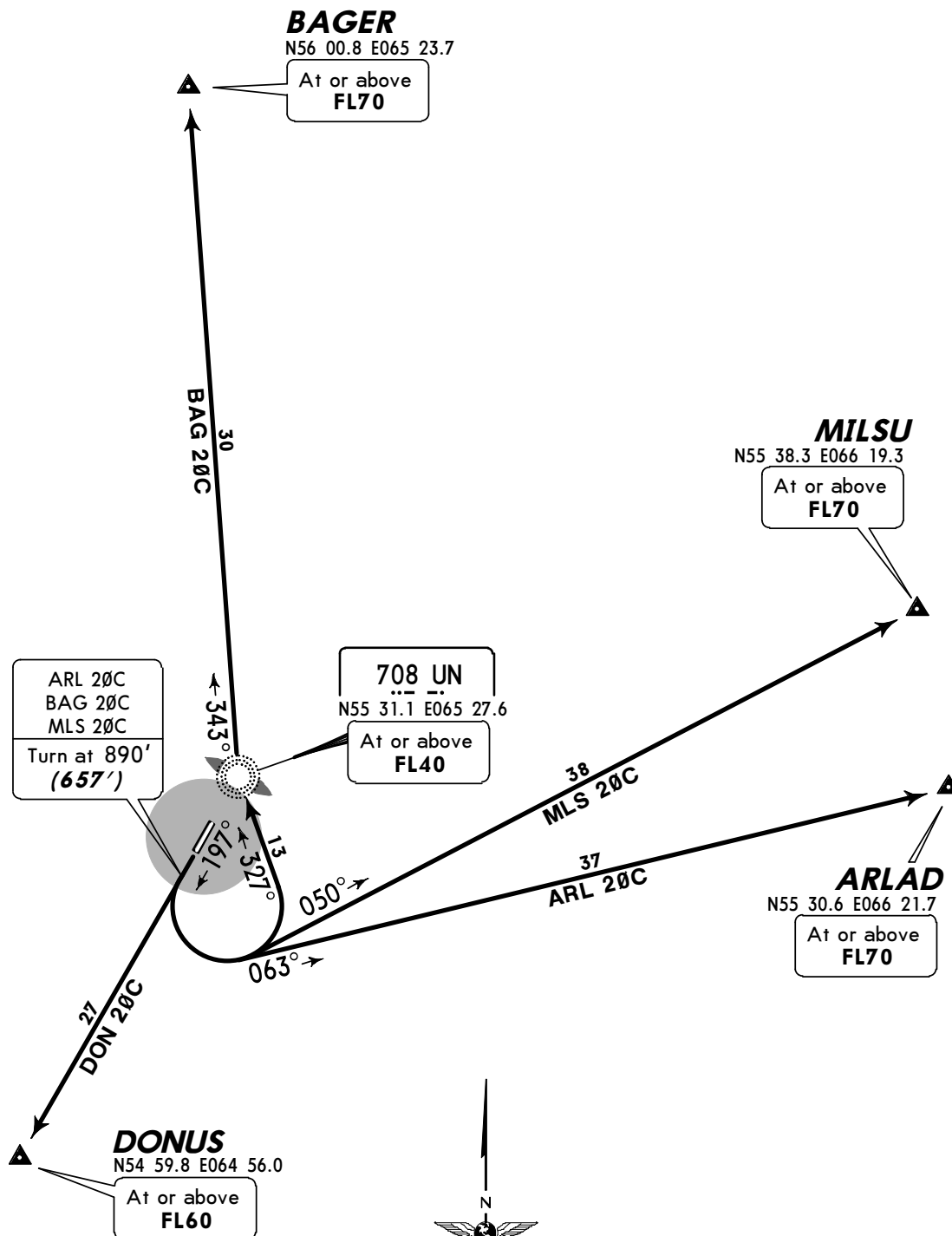
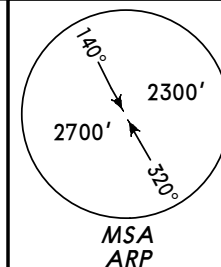
*KURGAN Approach
(Russian)
120.3 124.0X

Apt Elev
239'

QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2637')
Once airborne, ensure noise abatement while climbing to 2210' (1977').

ARLAD 20C (ARL 20C), BAGER 20C (BAG 20C)
DONUS 20C (DON 20C), MILSU 20C (MLS 20C)
RWY 20 DEPARTURES

FOR RUSSIAN USERS ONLY



NOT TO SCALE

ALT/HEIGHT CONVERSION	
QNH	(QFE)
890'	(657' - 200m)
2210'	(1977' - 600m)
2870'	(2637' - 800m)

*KURGAN Approach
(Russian)
120.3 124.0X

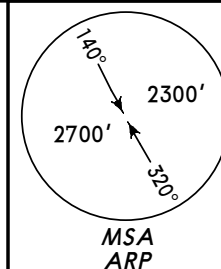
Apt Elev
239'

QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2633')
Once airborne, ensure noise abatement while climbing to 2210' (1973').

OKUNA Ø2C (OKN Ø2C) , OKUNA Ø2D (OKN Ø2D)①

RWY 02 DEPARTURES

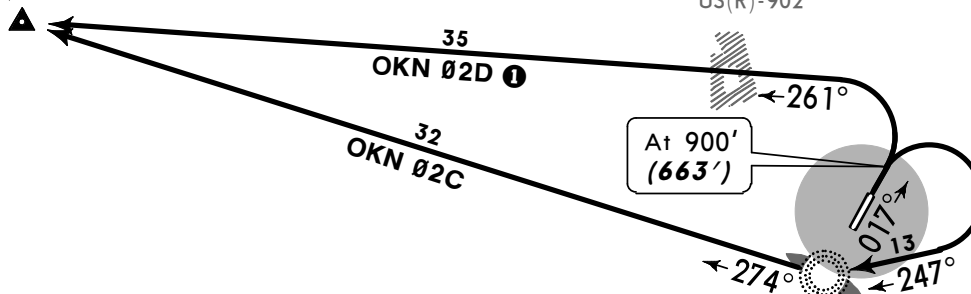
FOR RUSSIAN USERS ONLY



① By ATC when
US(R)-902 is inactive.

OKUNA
N55 35.6 E064 29.3

At or above
FL60



US(R)-902

At 900'
(663')

708 RD
N55 26.1 E065 22.5
At or above
FL40



ALT/HEIGHT CONVERSION	
QNH	(QFE)
900'	(663' - 200m)
2210'	(1973' - 600m)
2870'	(2633' - 800m)

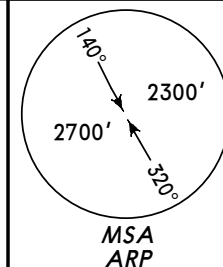
*KURGAN Approach
(Russian)
120.3 124.0X

Apt Elev
239'

QNH on request (QFE)
Trans level: FL40
FL50 if pressure is at or below 753mm (1003.9 hPa)
Trans alt (hgt): 2870' (2637')
Once airborne, ensure noise abatement while climbing to 2210' (1977').

OKUNA 20C (OKN 20C), OKUNA 20D (OKN 20D)①
RWY 20 DEPARTURES

FOR RUSSIAN USERS ONLY



① By ATC when US(R)-902 is inactive
-if ASR is out or
-if traffic at Logovushka AD.

OKUNA
N55 35.6 E064 29.3

At or above
FL60

708 UN
N55 31.1 E065 27.6

At or above
FL40

US(R)-902

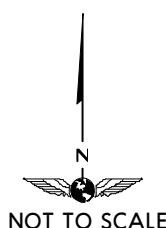
34
OKN 20D ①

32
OKN 20C

Logovushka

OKN 20D
Turn at 890'
(657')

OKN 20C
At or above
2210' (1977')



ALT/HEIGHT CONVERSION
QNH (QFE)
890' (657' - 200m)
2210' (1977' - 600m)
2870' (2637' - 800m)

*KURGAN Tower (TWR/GND)

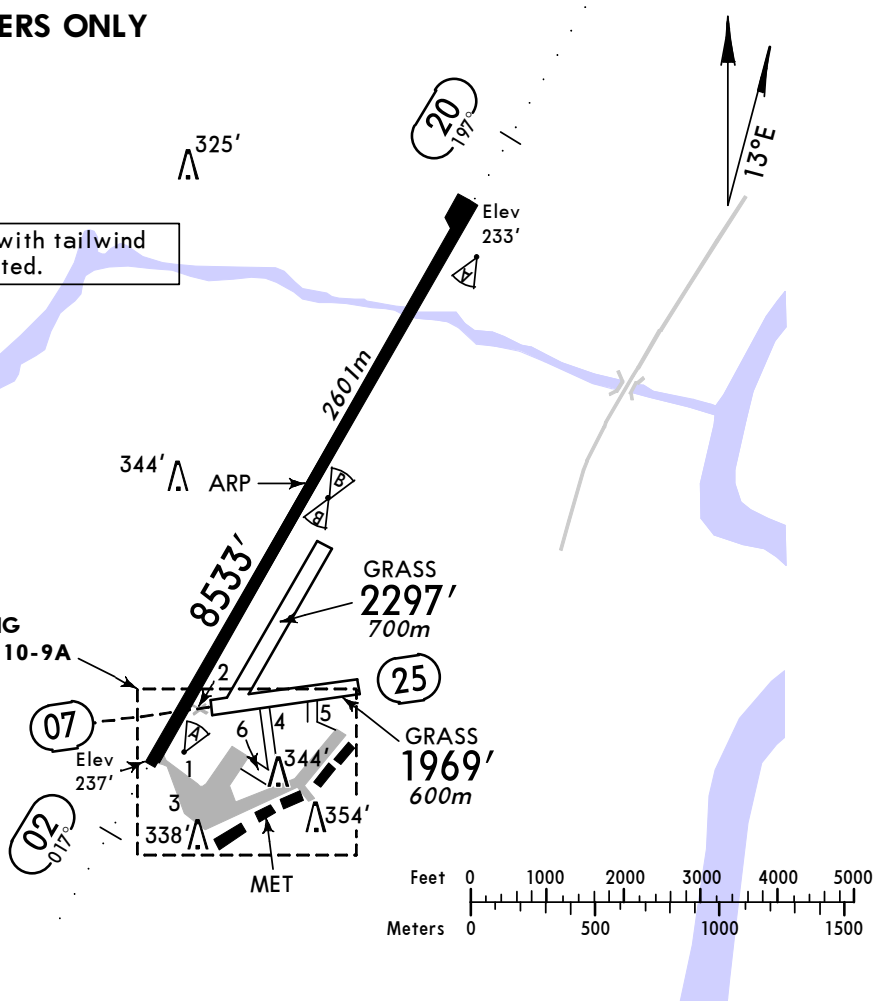
120.3 Russian only

FOR RUSSIAN USERS ONLY

Take-off and landing with tailwind on Rwy 20 are prohibited.

LEGEND
= Grass taxiway

FOR PARKING POSITIONS SEE 10-9A



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					Threshold	Landing Beyond Glide Slope		
02	RL	ALS	PAPI (angle 3.00°)	RVR				138'
20	RL	ALS	PAPI (angle 2.67°)	RVR				42m
02	20	Grass runway						230'
								70m
07	25							197'
								60m

TAKE-OFF

AIR CARRIER (JAA)

Main rwy 02/20

LVP must be in force

RCLM (DAY only)
or RL

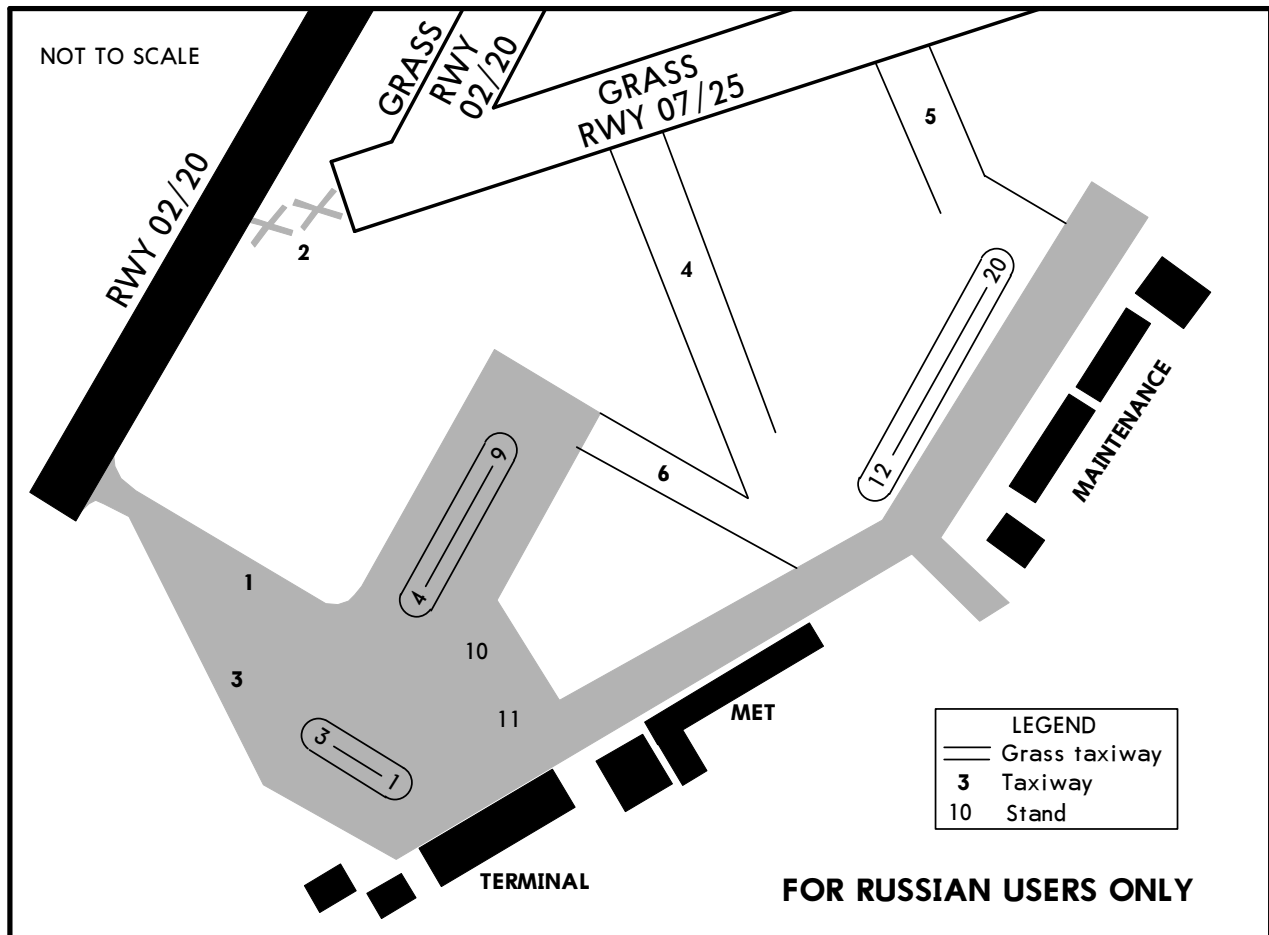
RCLM (DAY only)
or RL

A
B
C
D

250m

400m

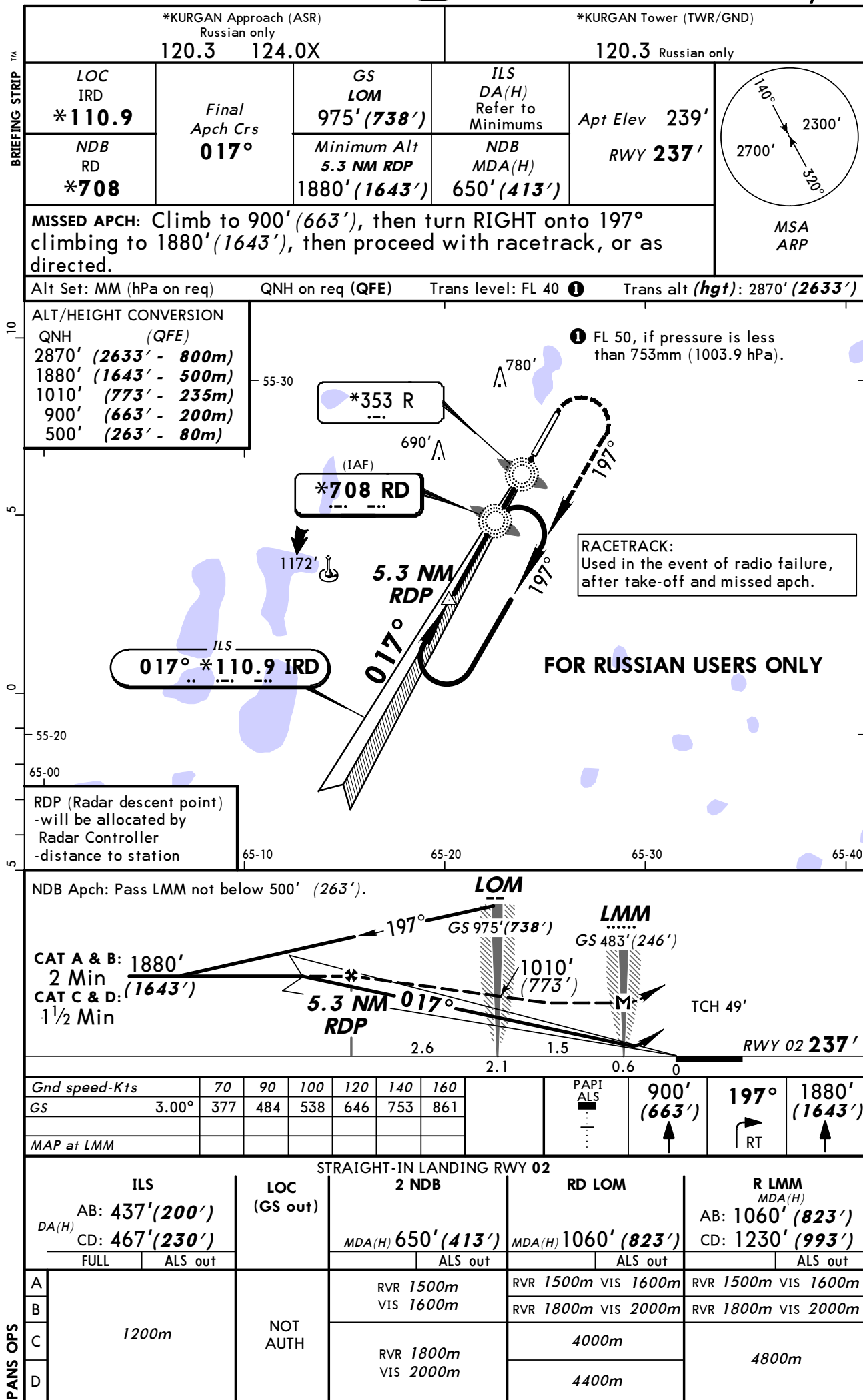
300m



STRAIGHT-IN RWY		A	B	C	D
02	ILS	437' (200') R1000m	437' (200') R1000m	467' (230') R1000m	467' (230') R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB	650' (413') R1900m	650' (413') R1900m	650' (413') C2100m	650' (413') C2100m
	<i>ALS out</i>	C2100m	C2100m	C2300m	C2300m
	RD NDB	1060' (823') C3800m	1060' (823') C3800m	1060' (823') C4000m	1060' (823') C4000m
	<i>ALS out</i>	C4000m	C4000m	C4200m	C4200m
	R Lctr	1060' (823') C3800m	1060' (823') C3800m	1230' (993') C4700m	1230' (993') C4700m
	<i>ALS out</i>	C4000m	C4000m	C4900m	C4900m
20	ILS	433' (200') R1000m	433' (200') R1000m	463' (230') R1000m	463' (230') R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB ①	590' (357') R1400m	590' (357') R1400m	590' (357') R1400m	590' (357') R1400m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m
	UN NDB	890' (657')① C2800m	890' (657')① C2800m	1060' (827') C4000m	1060' (827') C4000m
	<i>ALS out</i>	C3000m	C3000m	C4200m	C4200m
	U Lctr	890' (657') C3000m	890' (657') C3000m	1220' (987') C4700m	1220' (987') C4700m
	<i>ALS out</i>	C3200m	C3200m	C4900m	C4900m

① Continuous Descent Final Approach.

TAKE-OFF RWY 02, 20		
LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	250m	400m
B		
C		
D	300m	500m



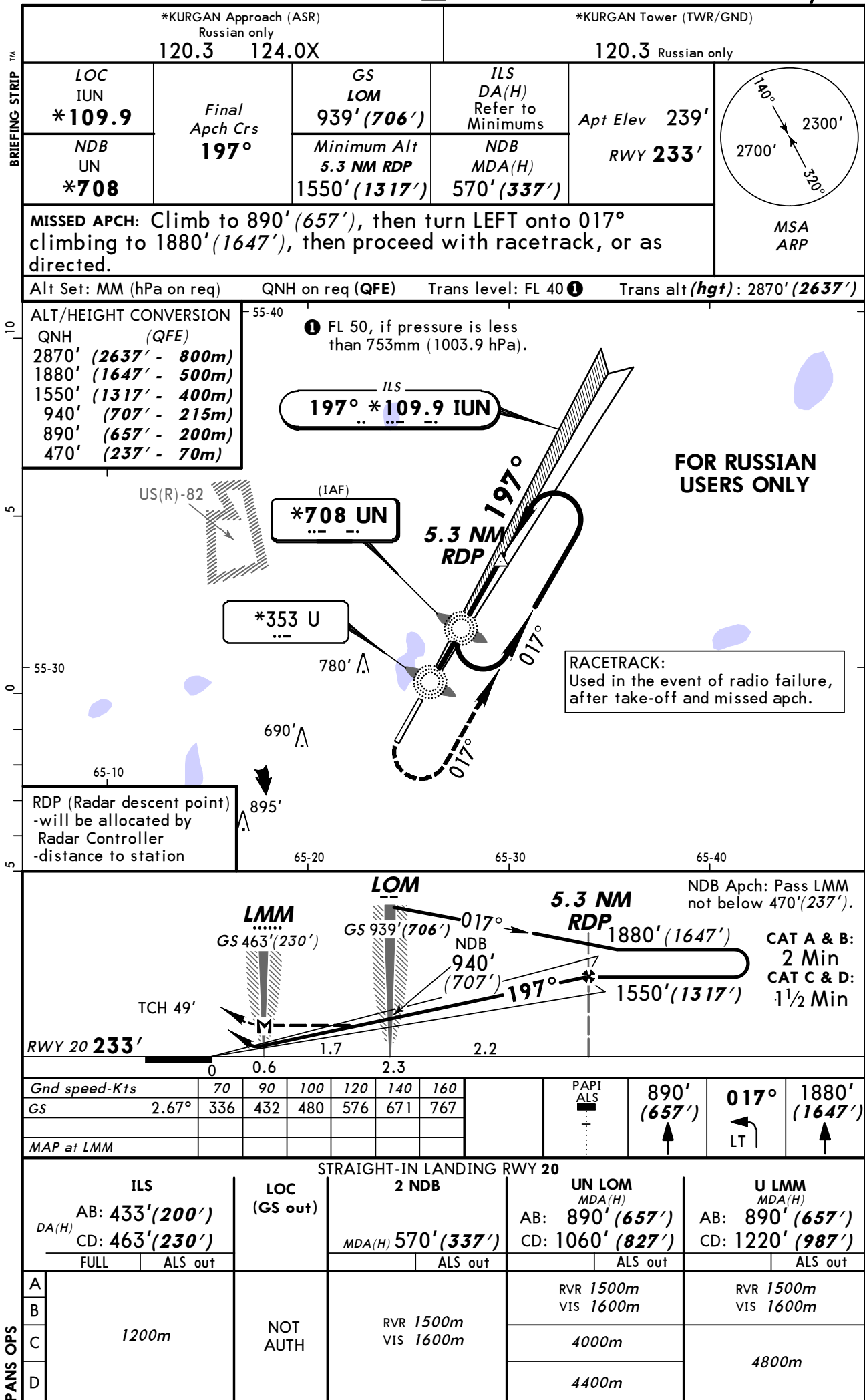




Chart changes since cycle 16-2013

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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KURGAN, (KURGAN - USUU)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport USUU