

List of pages in this Trip Kit

Trip Kit Index

Airport Information For USKK

Terminal Charts For USKK

Revision Letter For Cycle 17-2013

Change Notices

Notebook

General Information

Location: Kirov Rus
IATA Code: KVX
Lat/Long: N58° 30.2' E049° 20.8'
Elevation: 486 ft

Airport Use: Public
Magnetic Variation: 14.5°E

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

Sunrise: 0127 Z
Sunset: 1602 Z,

Runway Information

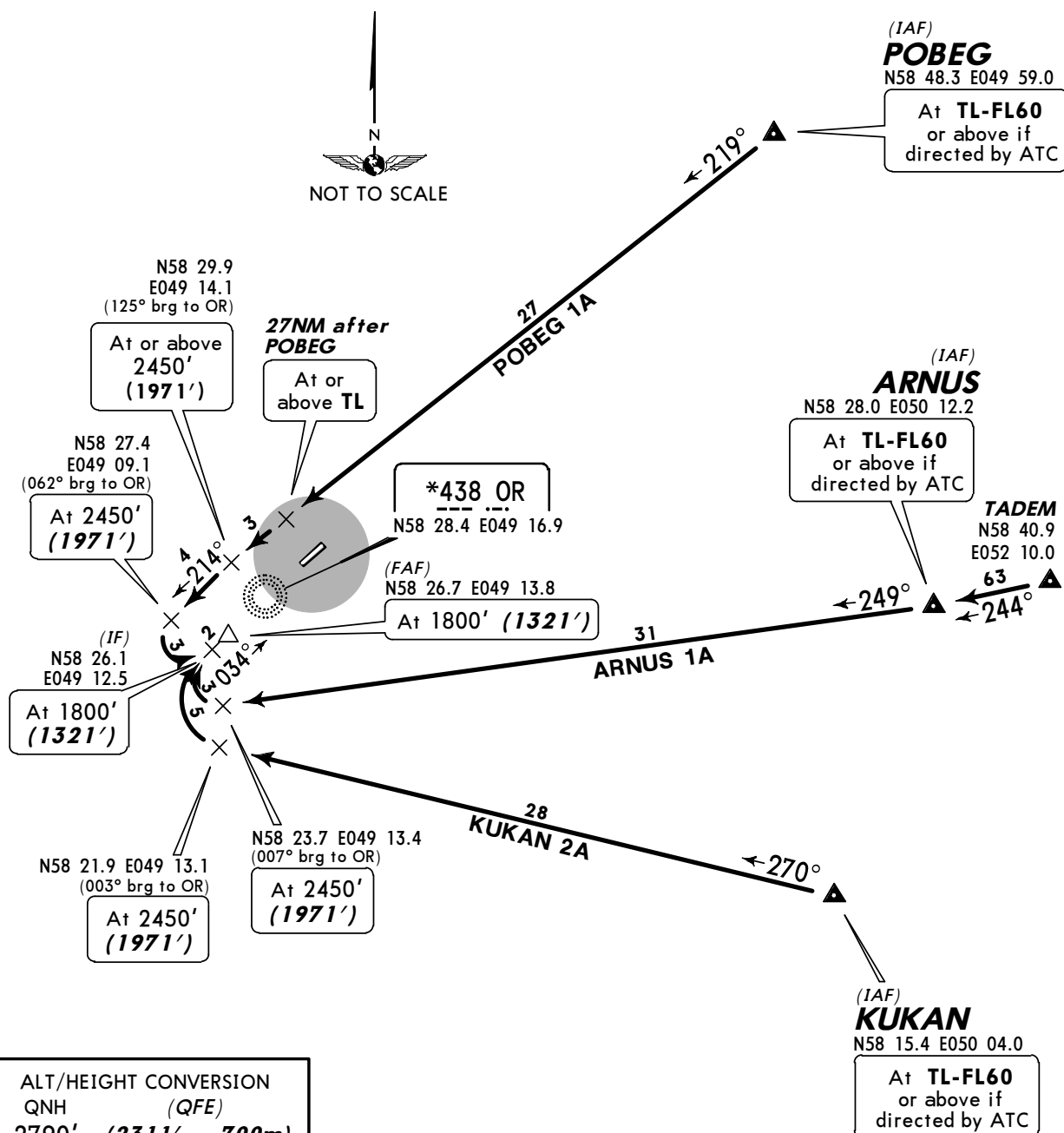
Runway: 03
Length x Width: 7228 ft x 161 ft
Surface Type: asphalt
TDZ-Elev: 479 ft
Lighting: Edge, ALS, TDZ

Runway: 21
Length x Width: 7228 ft x 161 ft
Surface Type: asphalt
TDZ-Elev: 466 ft
Lighting: Edge, ALS, TDZ
Stopway: 492 ft

Communication Information

ATIS 134.9 Non-English
Kirov Tower 124.0 Non-English
Kirov Tower 118.6 Non-English
Kirov Transit Operations 131.7 Non-English

Trans alt (hgt): 2790' **(2311')**
 1. ATC will issue vectors to ensure separation. 2. When being vectored, descend with vertical speed min 5m/s, min bank 10° for all turns. 3. Arrival for 2NDB or NDB approach: use standard procedures to LOM. 4. Arrival for visual approach: direct to LMM, descending to 2450' (1971') within the visual maneuvering area.



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*ATIS
134.9
Russian only

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 747mm (995.9 hPa)

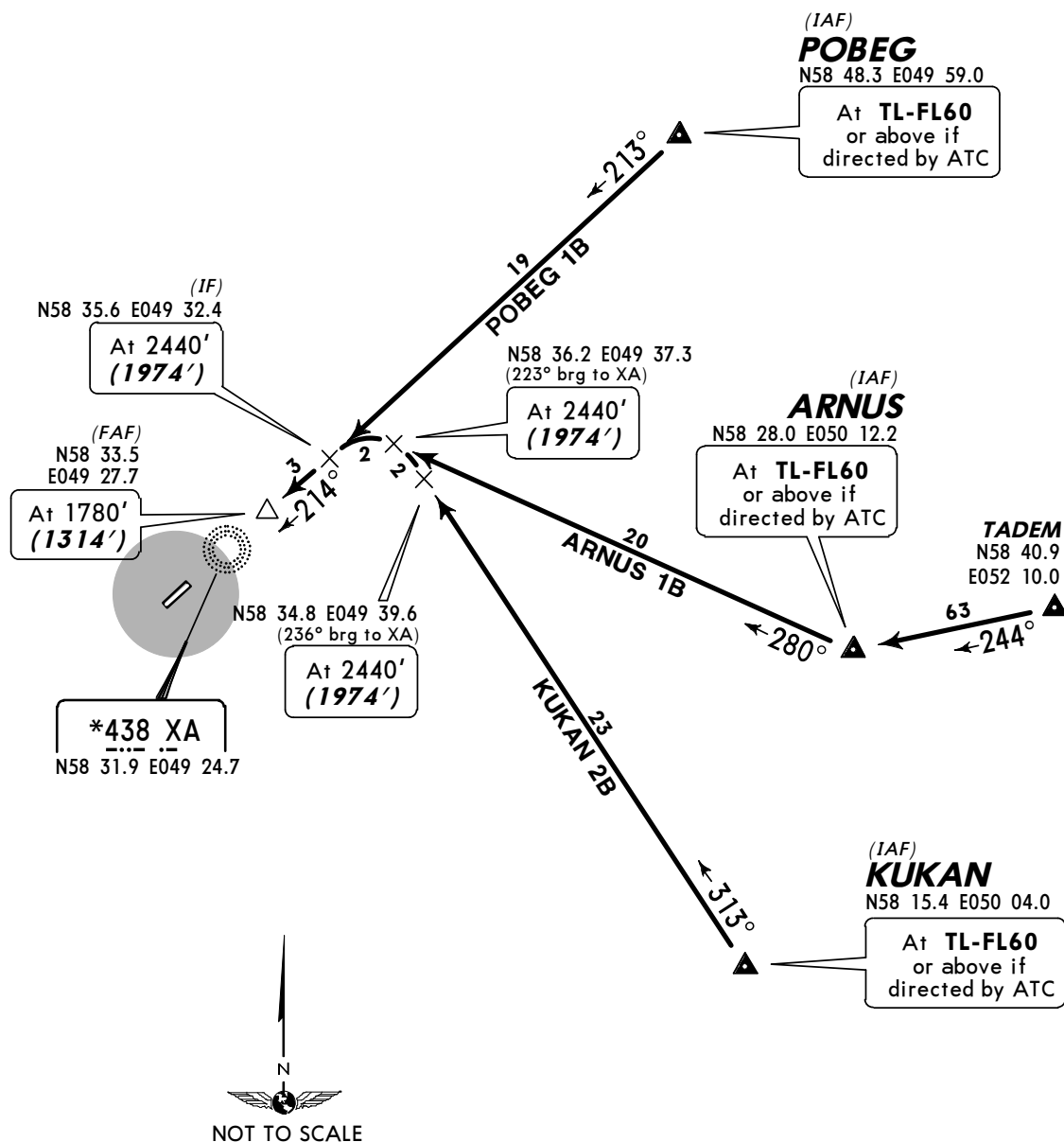
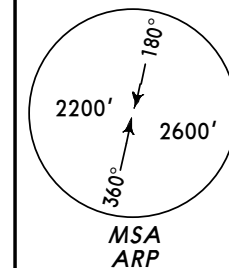
FL60 if pressure is less than 720mm (959.9 hPa)

Trans alt (hgt): 2790' (2324')

Apt Elev
486'

1. ATC will issue vectors to ensure separation. 2. When being vectored, descend with vertical speed min 5m/s, min bank 10° for all turns. 3. Arrival for 2NDB or NDB approach: use standard procedures to LOM. 4. Arrival for visual approach: direct to LMM, descending to 2440' (1974') within the visual maneuvering area.

ARNUS 1B [ARNU1B]
KUKAN 2B [KUKA2B]
POBEG 1B [POBE1B]
RWY 21 ARRIVALS
WITH RADAR CONTROL
FOR RUSSIAN USERS ONLY



*ATIS
134.9
Russian only

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 747mm (995.9 hPa)

FL60 if pressure is less than 720mm (959.9 hPa)

Apt Elev
486'

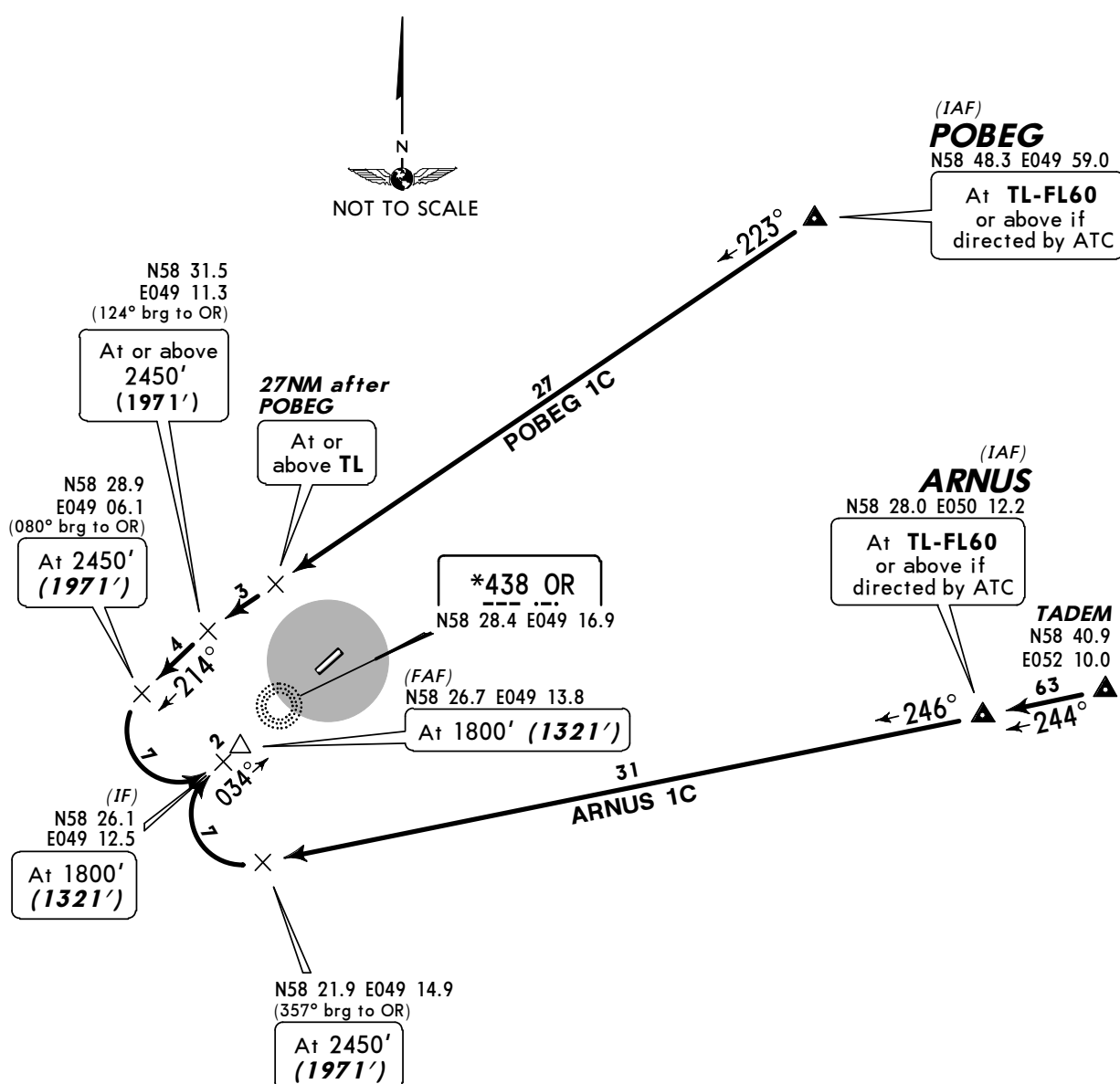
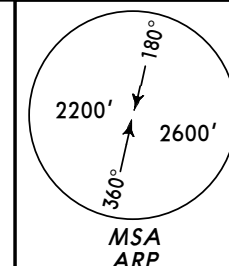
Trans alt (hgt): 2790' (2311')

1. ATC will issue vectors to ensure separation. 2. When being vectored, descend with vertical speed min 5m/s, min bank 10° for all turns. 3. Arrival for 2NDB or NDB approach: use standard procedures to LOM. 4. Arrival for visual approach: direct to LMM, descending to 2450' (1971') within the visual maneuvering area.

ARNUS 1C [ARNU1C]
POBEG 1C [POBE1C]
RWY 03 ARRIVALS
WITH RADAR CONTROL

CAT C & D

FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION

QNH	(QFE)
2790'	(2311' - 700m)
2450'	(1971' - 600m)
1800'	(1321' - 400m)

*ATIS
134.9
Russian only

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 747mm (995.9 hPa)

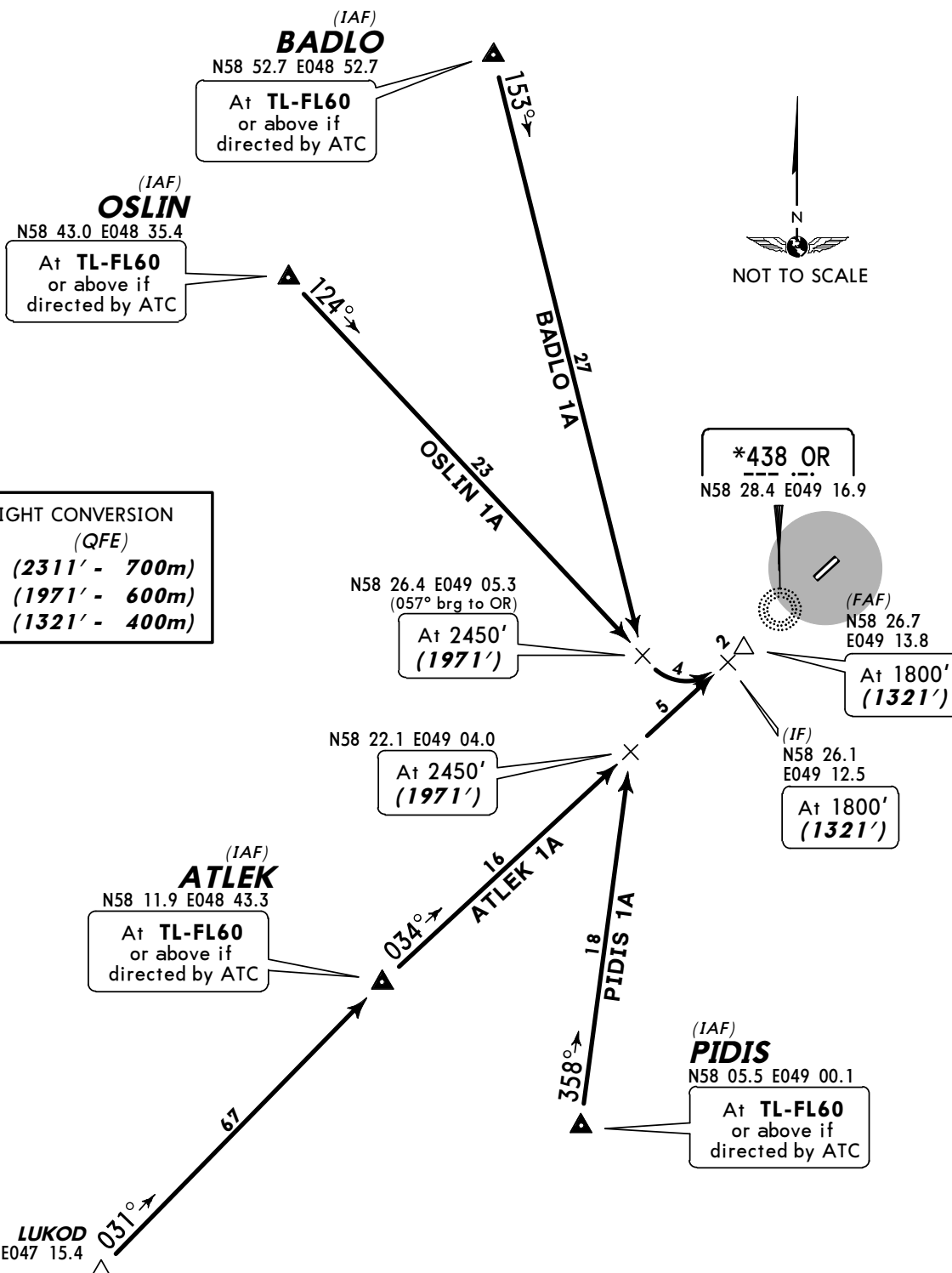
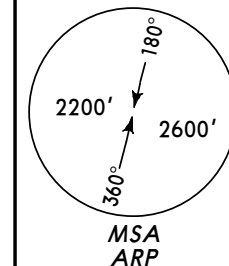
FL60 if pressure is less than 720mm (959.9 hPa)

Apt Elev
486'

Trans alt (hgt): 2790' (**2311'**)

1. ATC will issue vectors to ensure separation. 2. When being vectored, descend with vertical speed min 5m/s, min bank 10° for all turns. 3. Arrival for 2NDB or NDB approach: use standard procedures to LOM. 4. Arrival for visual approach: direct to LMM, descending to 2450' (1971') within the visual maneuvering area.

**ATLEK 1A [ATLE1A], BADLO 1A [BADL1A]
OSLIN 1A [OSLI1A], PIDIS 1A [PIDI1A]
RWY 03 ARRIVALS
WITH RADAR CONTROL
FOR RUSSIAN USERS ONLY**



*ATIS
134.9
Russian only

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 747mm (995.9 hPa)

FL60 if pressure is less than 720mm (959.9 hPa)

Trans alt (hgt): 2790' (2324')

Apt Elev
486'

1. ATC will issue vectors to ensure separation. 2. When being vectored, descend with vertical speed min 5m/s, min bank 10° for all turns. 3. Arrival for 2NDB or NDB approach: use standard procedures to LOM. 4. Arrival for visual approach: direct to LMM, descending to 2440' (1974') within the visual maneuvering area.

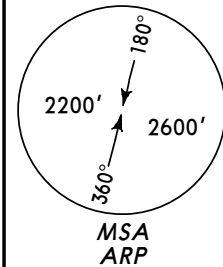
ATLEK 1B [ATLE1B], OSLIN 1B [OSLI1B]
PIDIS 1B [PIDI1B]

CAT A & B

BADLO 1B [BADL1B]

RWY 21 ARRIVALS
WITH RADAR CONTROL

FOR RUSSIAN USERS ONLY



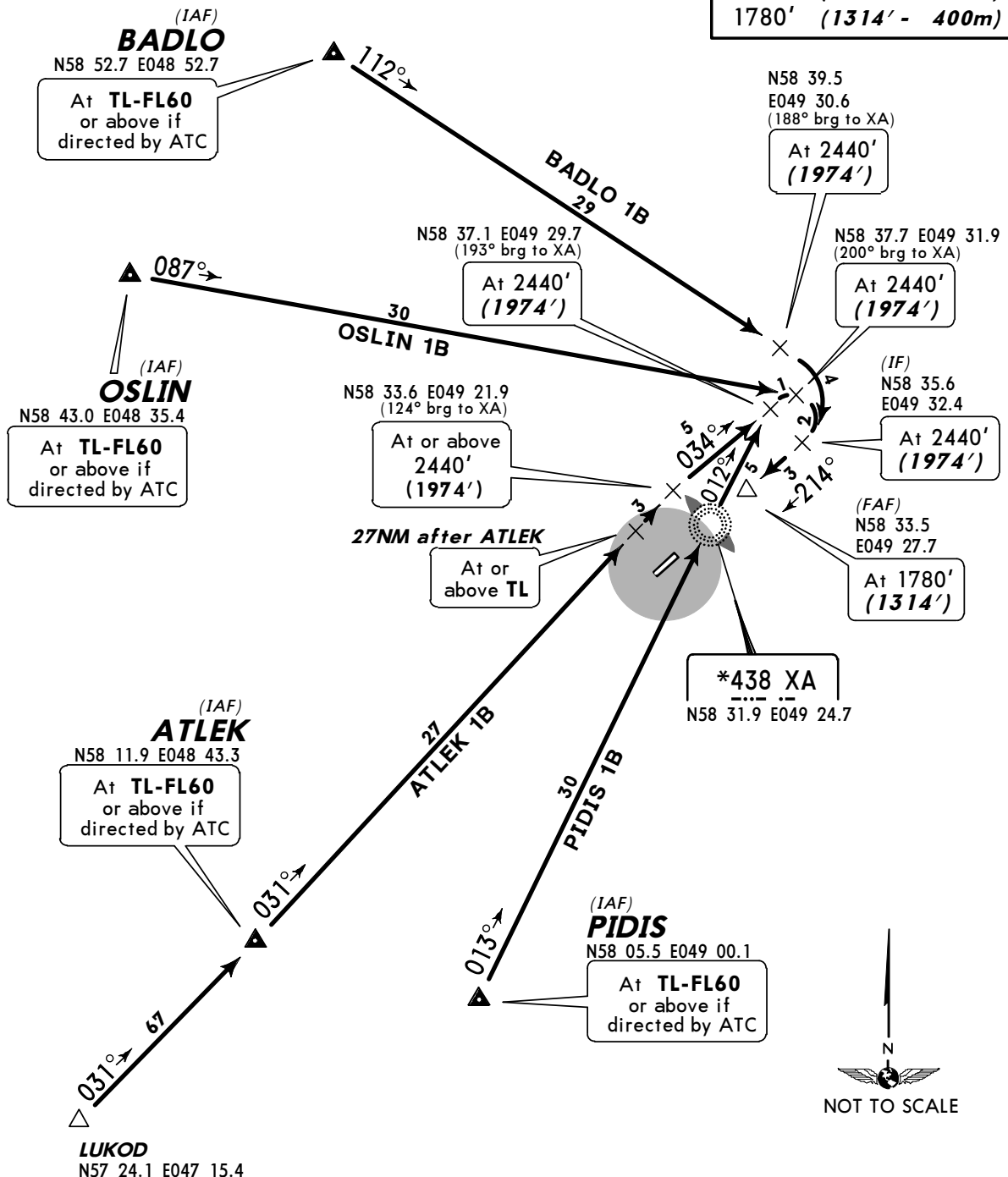
ALT/HEIGHT CONVERSION

QNH (QFE)

2790' (2324' - 700m)

2440' (1974' - 600m)

1780' (1314' - 400m)



*ATIS
134.9
Russian only

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 747mm (995.9 hPa)

FL60 if pressure is less than 720mm (959.9 hPa)

Trans alt (hgt): 2790' (2324')

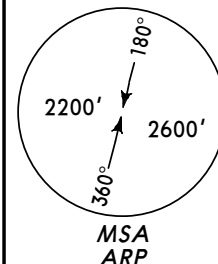
Apt Elev
486'

1. ATC will issue vectors to ensure separation. 2. When being vectored, descend with vertical speed min 5m/s, min bank 10° for all turns. 3. Arrival for 2NDB or NDB approach: use standard procedures to LOM. 4. Arrival for visual approach: direct to LMM, descending to 2440' (1974') within the visual maneuvering area.

**ATLEK 1D [ATLE1D], OSLIN 1D [OSLI1D]
PIDIS 1D [PIDI1D]
RWY 21 ARRIVALS
WITH RADAR CONTROL**

CAT C & D

FOR RUSSIAN USERS ONLY



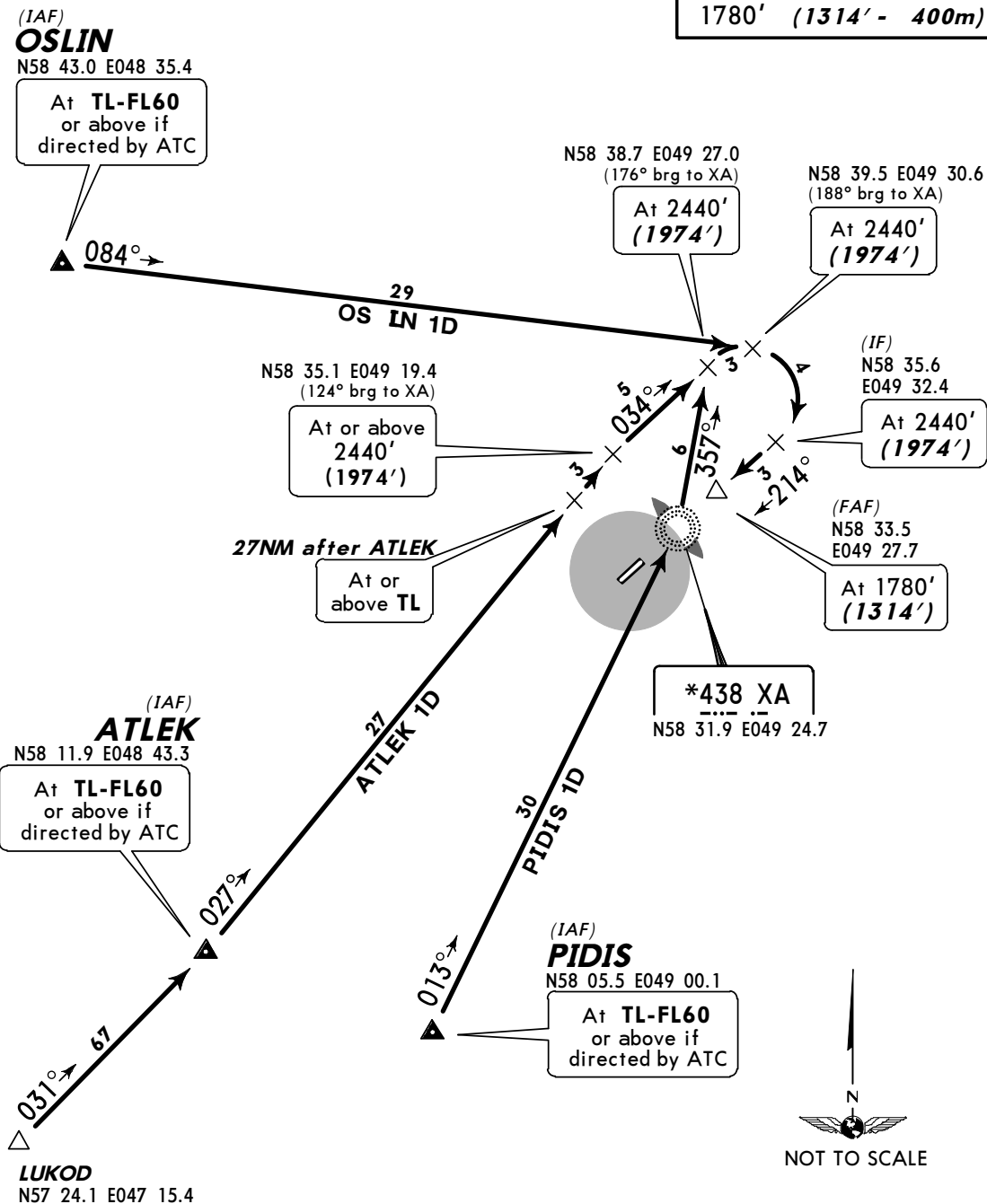
ALT/HEIGHT CONVERSION

QNH (QFE)

2790' (2324' - 700m)

2440' (1974' - 600m)

1780' (1314' - 400m)

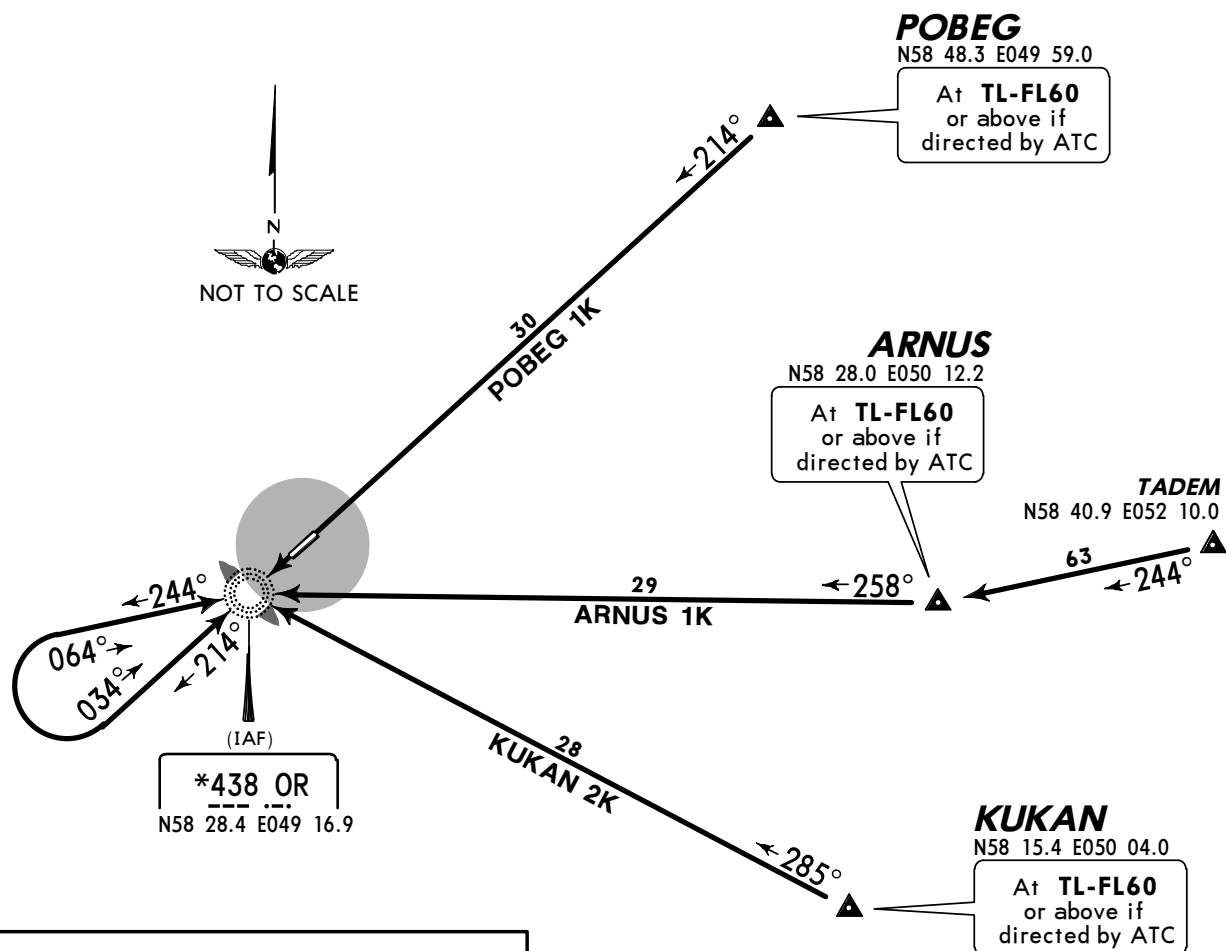
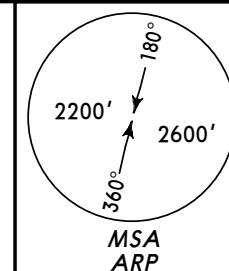


*ATIS
134.9
Russian only

Apt Elev
486'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 747mm (995.9 hPa)
FL60 if pressure is less than 720mm (959.9 hPa)
Trans alt (hgt): 2790' **(2311')**

**ARNUS 1K [ARNU1K]
KUKAN 2K [KUKA2K]
POBEG 1K [POBE1K]
RWY 03 ARRIVALS
WITHOUT RADAR CONTROL
FOR RUSSIAN USERS ONLY**

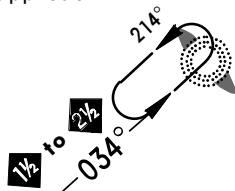


HOLDING OVER OR

KIROV Control (East) provides ATC in the holding area at or above FL70.

Leave holding area on 034° track when indicated by ATC.

Out of turn: overflying OR turn RIGHT, to OR descending to TL, proceed on racetrack approach.



ALT/HEIGHT CONVERSION
QNH (QFE)
2790' (2311' - 700m)

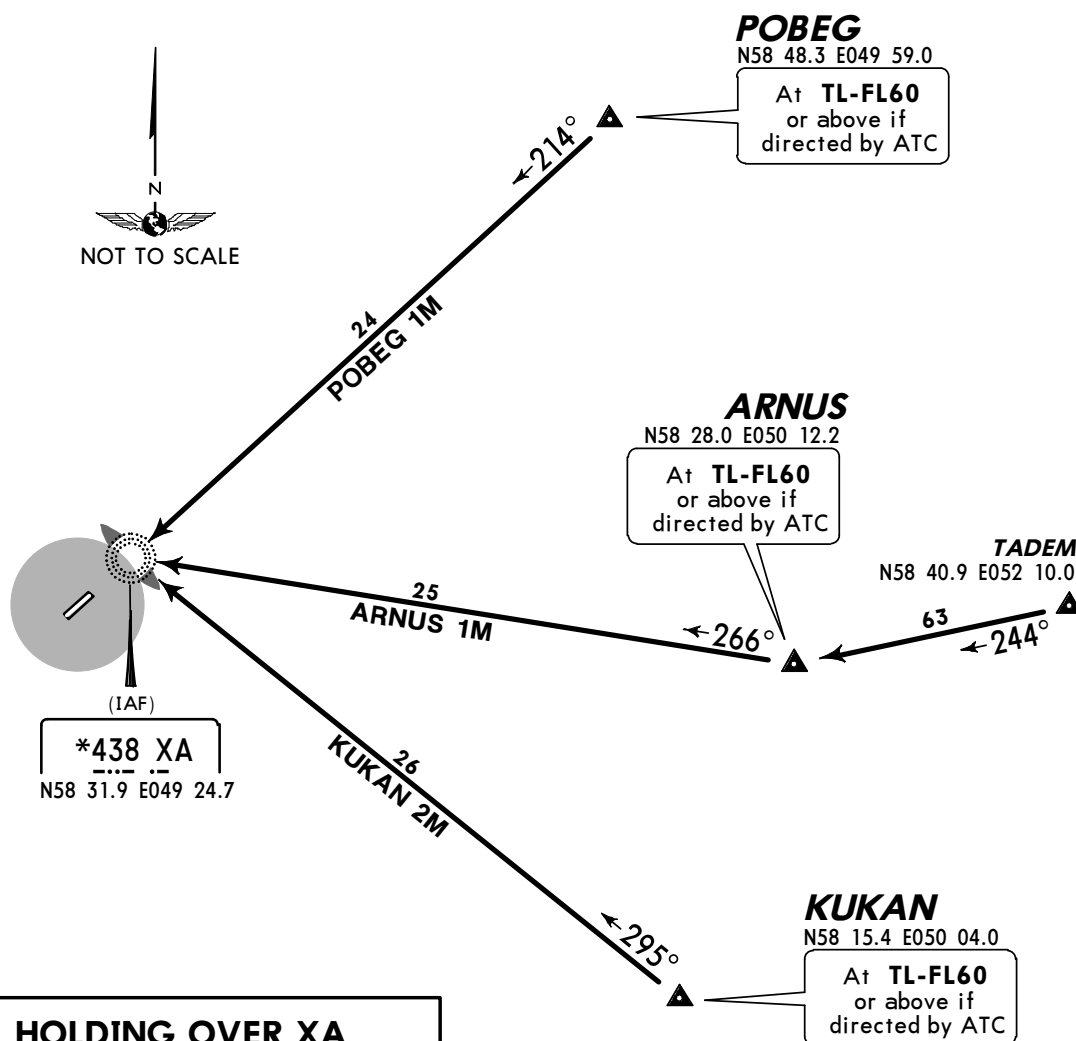
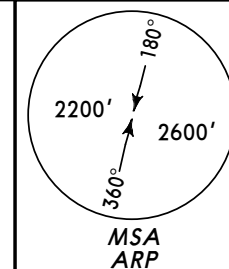
STAR	ROUTING
ARNUS 1K KUKAN 2K	Overfly OR at or above TL, 244° track for 1.5min, turn LEFT to OR, at OR proceed to racetrack approach or hold.
POBEG 1K	Overfly OR at or above TL, 214° track for 1.5min, turn RIGHT to OR, at OR proceed to racetrack approach or hold.

*ATIS
134.9
Russian only

Apt Elev
486'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 747mm (995.9 hPa)
FL60 if pressure is less than 720mm (959.9 hPa)
Trans alt (hgt): 2790' (2324')

**ARNUS 1M [ARNU1M]
KUKAN 2M [KUKA2M]
POBEG 1M [POBE1M]
RWY 21 ARRIVALS
WITHOUT RADAR CONTROL
FOR RUSSIAN USERS ONLY**

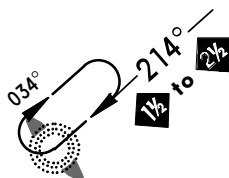


HOLDING OVER XA

KIROV Control (East) provides ATC in the holding area at or above FL70.

Leave holding area on 214° track when indicated by ATC.

Out of turn: overflying XA turn LEFT, to XA descending to TL, proceed on racetrack approach.



KUKAN
N58 15.4 E050 04.0
At TL-FL60 or above if directed by ATC

ALT/HEIGHT CONVERSION
QNH (QFE)
2790' (2324' - 700m)

ROUTING

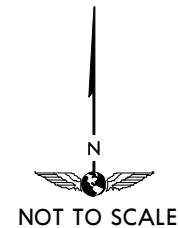
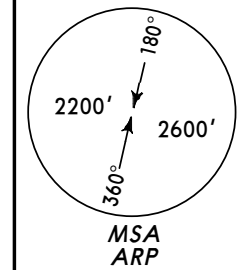
Overfly XA at or above TL, proceed to racetrack approach or hold.

*ATIS
134.9
Russian only

Apt Elev
486'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 747mm (995.9 hPa)
FL60 if pressure is less than 720mm (959.9 hPa)
Trans alt (hgt): 2790' (2311')

**ATLEK 1K [ATLE1K], BADLO 1K [BADL1K]
OSLIN 1K [OSLI1K], PIDIS 1K [PIDI1K]
RWY 03 ARRIVALS
WITHOUT RADAR CONTROL
FOR RUSSIAN USERS ONLY**

**BADLO**

N58 52.7 E048 52.7

At **TL-FL60**
or above if
directed by ATC

OSLIN

N58 43.0 E048 35.4

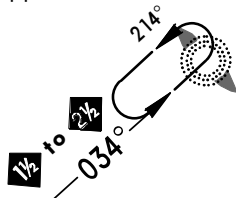
At **TL-FL60**
or above if
directed by ATC

HOLDING OVER OR

KIROV Control (East) provides ATC in the holding area at or above FL70.

Leave holding area on 034° track when indicated by ATC.

Out of turn: overflying OR turn RIGHT, to OR descending to TL, proceed on racetrack approach.

**ATLEK**

N58 11.9 E048 43.3

At **TL-FL60**
or above if
directed by ATC

△ **LUKOD**
N57 24.1 E047 15.4

064°

214°

(IAF)

***438 OR**

N58 28.4 E049 16.9

PIDIS

N58 05.5 E049 00.1

At **TL-FL60**
or above if
directed by ATC

ALT/HEIGHT CONVERSION
QNH (QFE)
2790' (2311' - 700m)

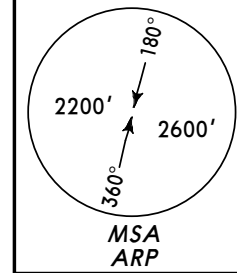
STAR	ROUTING
ATLEK 1K	Overfly OR at or above TL, proceed to racetrack approach or hold.
BADLO 1K OSLIN 1K	Overfly OR at or above TL, 214° track for 1.5min, turn RIGHT to OR, at OR proceed to racetrack approach or hold.

*ATIS
134.9
Russian only

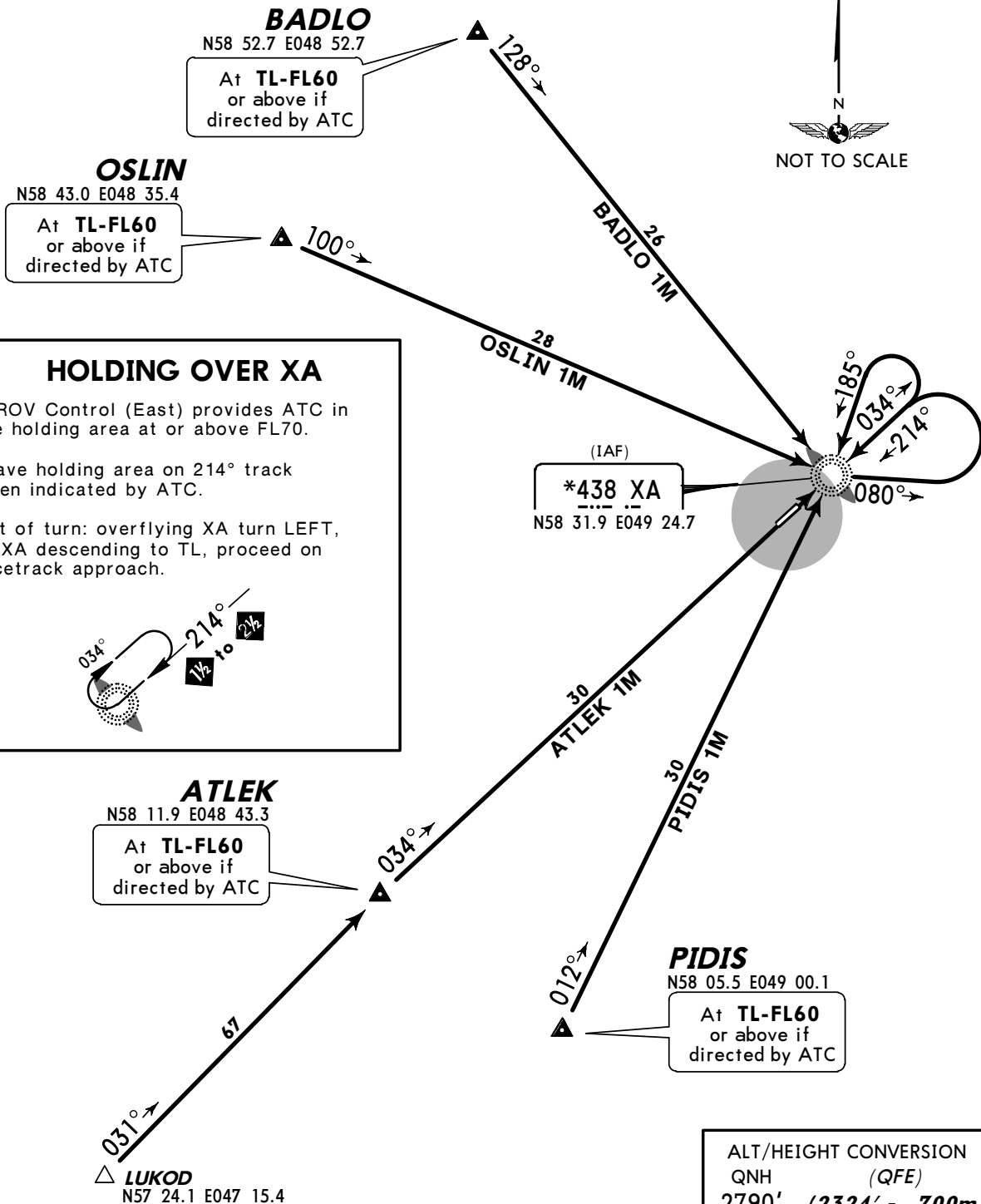
Apt Elev
486'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40
FL50 if pressure is less than 747mm (995.9 hPa)
FL60 if pressure is less than 720mm (959.9 hPa)
Trans alt (hgt): 2790' (2324')

**ATLEK 1M [ATLE1M], BADLO 1M [BADL1M]
OSLIN 1M [OSLI1M], PIDIS 1M [PIDI1M]
RWY 21 ARRIVALS
WITHOUT RADAR CONTROL
FOR RUSSIAN USERS ONLY**



NOT TO SCALE



STAR	ROUTING
ATLEK 1M PIDIS 1M	Overfly XA at or above TL, 034° track for 1.5min, turn LEFT to XA, at XA proceed to racetrack approach or hold.
BADLO 1M OSLIN 1M	Overfly XA at or above TL, 080° track for 1.5min, turn LEFT to XA, at XA proceed to racetrack approach or hold.

Apt Elev
486'

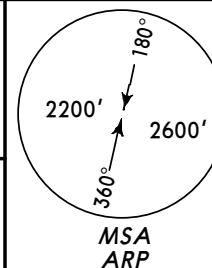
QNH on request (QFE)

Trans level: FL40

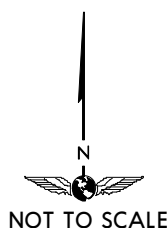
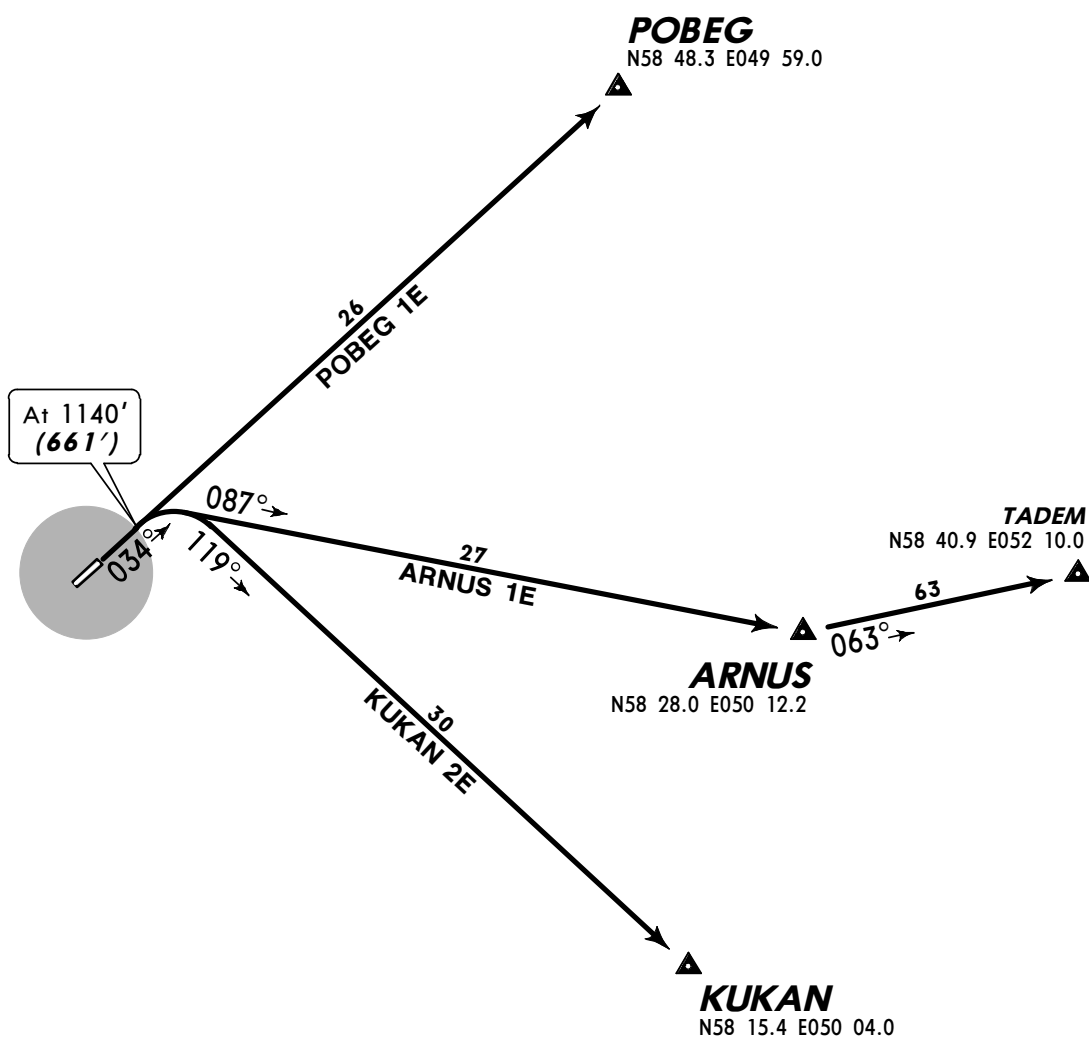
FL50 if pressure is less than 747mm (995.9 hPa)

FL60 if pressure is less than 720mm (959.9 hPa)

Trans alt (hgt): 2790' (2311')



ARNUS 1E [ARNU1E]
KUKAN 2E [KUKA2E]
POBEG 1E [POBE1E]
RWY 03 DEPARTURES
FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION

QNH (QFE)

1140' (661' - 200m)

2790' (2311' - 700m)

Apt Elev
486'

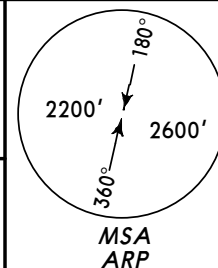
QNH on request (QFE)

Trans level: FL40

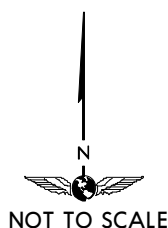
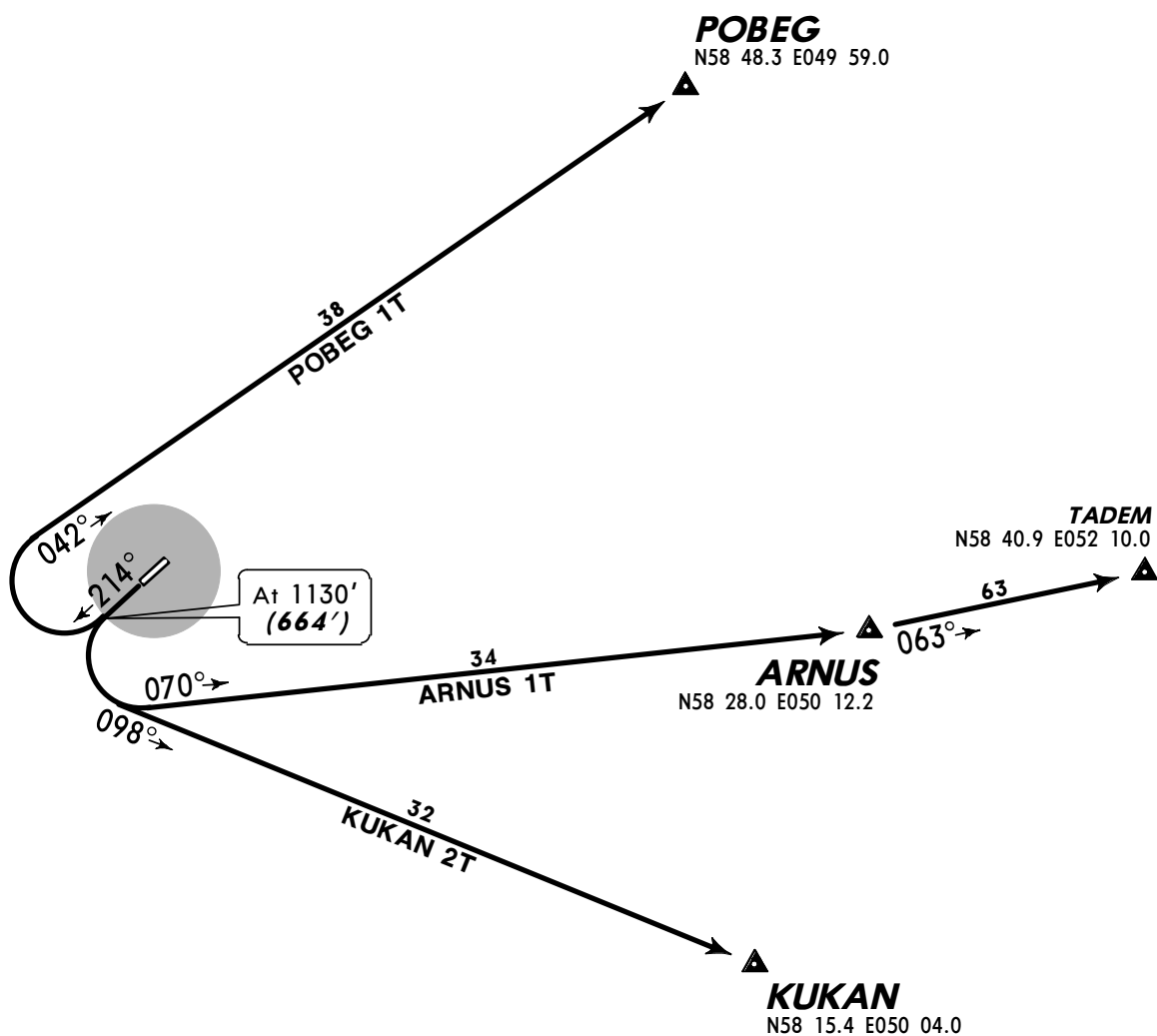
FL50 if pressure is less than 747mm (995.9 hPa)

FL60 if pressure is less than 720mm (959.9 hPa)

Trans alt (hgt): 2790' (2324')



ARNUS 1T [ARNU1T]
KUKAN 2T [KUKA2T]
POBEG 1T [POBE1T]
RWY 21 DEPARTURES
FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION

QNH (QFE)

1130' (664' - 200m)

2790' (2324' - 700m)

Apt Elev
486'

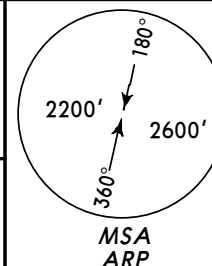
QNH on request (QFE)

Trans level: FL40

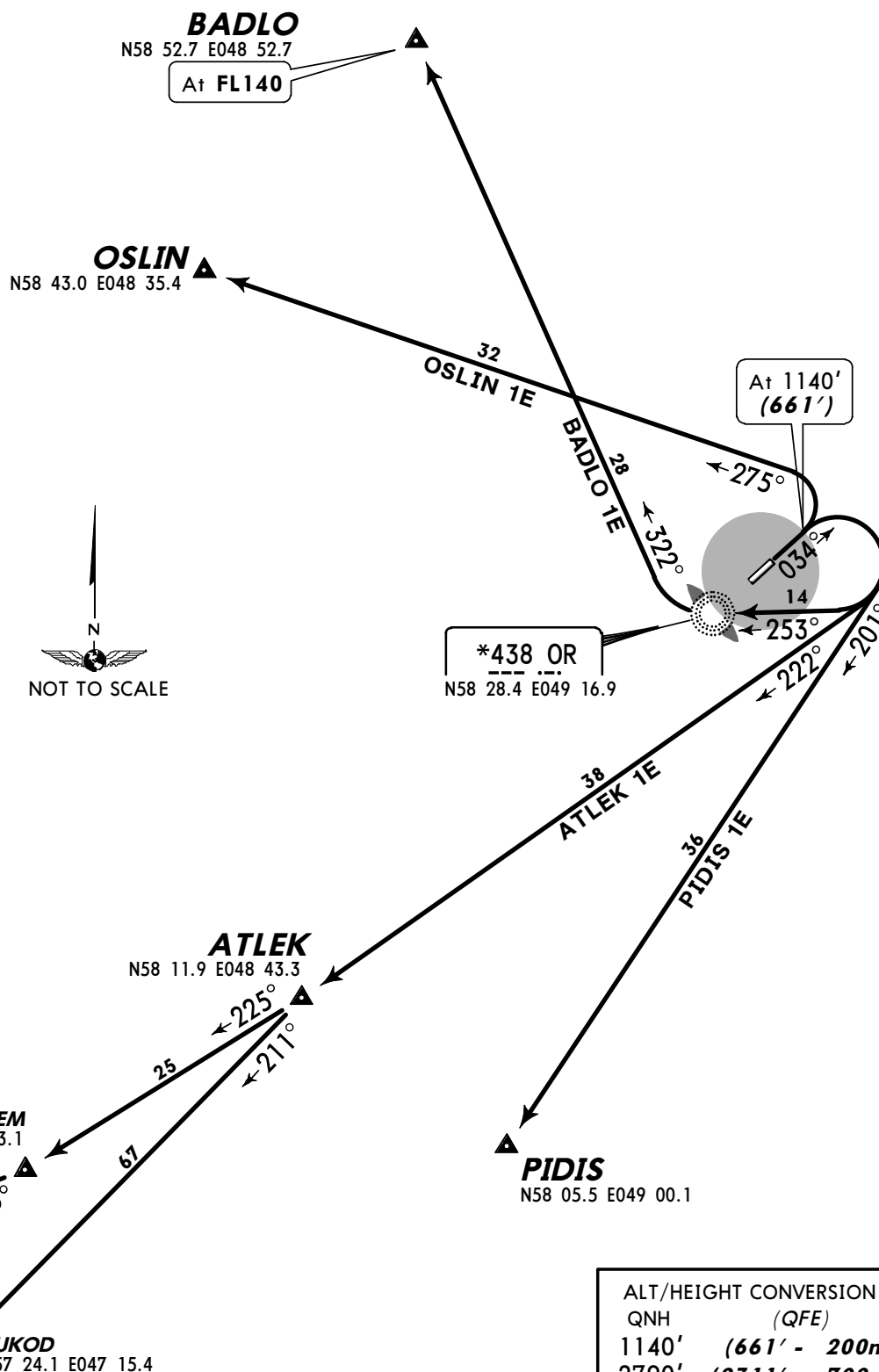
FL50 if pressure is less than 747mm (995.9 hPa)

FL60 if pressure is less than 720mm (959.9 hPa)

Trans alt (hgt): 2790' (2311')



ATLEK 1E [ATLE1E]
BADLO 1E [BADL1E]
OSLIN 1E [OSLI1E]
PIDIS 1E [PIDI1E]
RWY 03 DEPARTURES
FOR RUSSIAN USERS ONLY



Apt Elev
486'

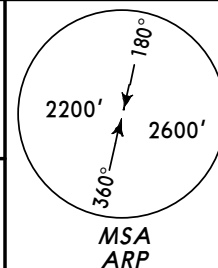
QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 747mm (995.9 hPa)

FL60 if pressure is less than 720mm (959.9 hPa)

Trans alt (hgt): 2790' (2324')



ATLEK 1T [ATLE1T]
BADLO 1T [BADL1T]
OSLIN 1T [OSLI1T]
PIDIS 1T [PIDI1T]
RWY 21 DEPARTURES
FOR RUSSIAN USERS ONLY

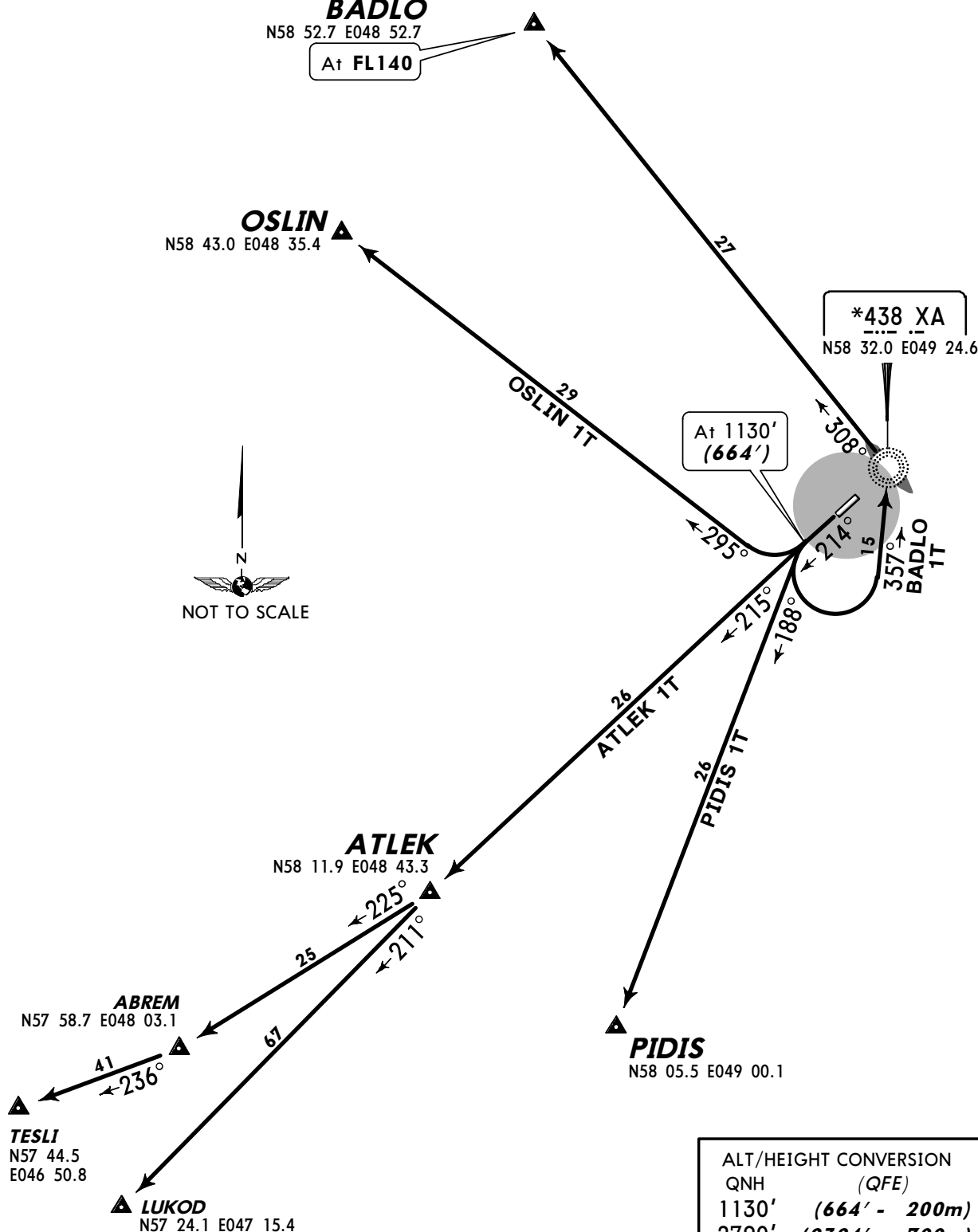
BADLO
N58 52.7 E048 52.7
At FL140

OSLIN
N58 43.0 E048 35.4

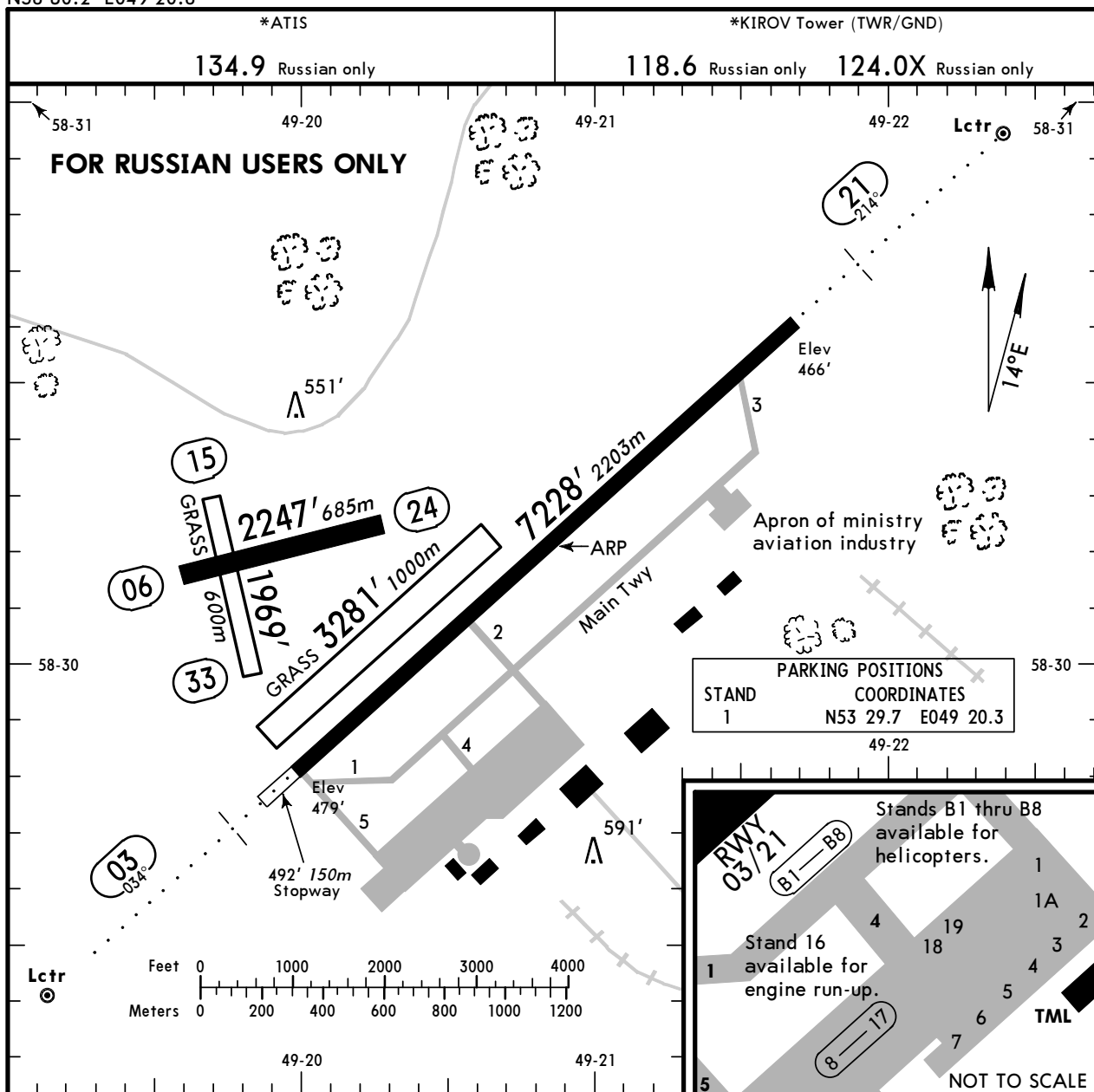


*438 XA
N58 32.0 E049 24.6

At 1130'
(664')



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1130'	(664' - 200m)
2790'	(2324' - 700m)



ADDITIONAL RUNWAY INFORMATION

			USABLE LENGTHS			WIDTH
			LANDING BEYOND		TAKE-OFF	
RWY			Threshold	Glide Slope		
03 21	RL	ALS				161' 49m
03 21	Grass runway					328' 100m
06 24						
15 33						

TAKE-OFF

AIR CARRIER (JAA)

All Rwy's

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

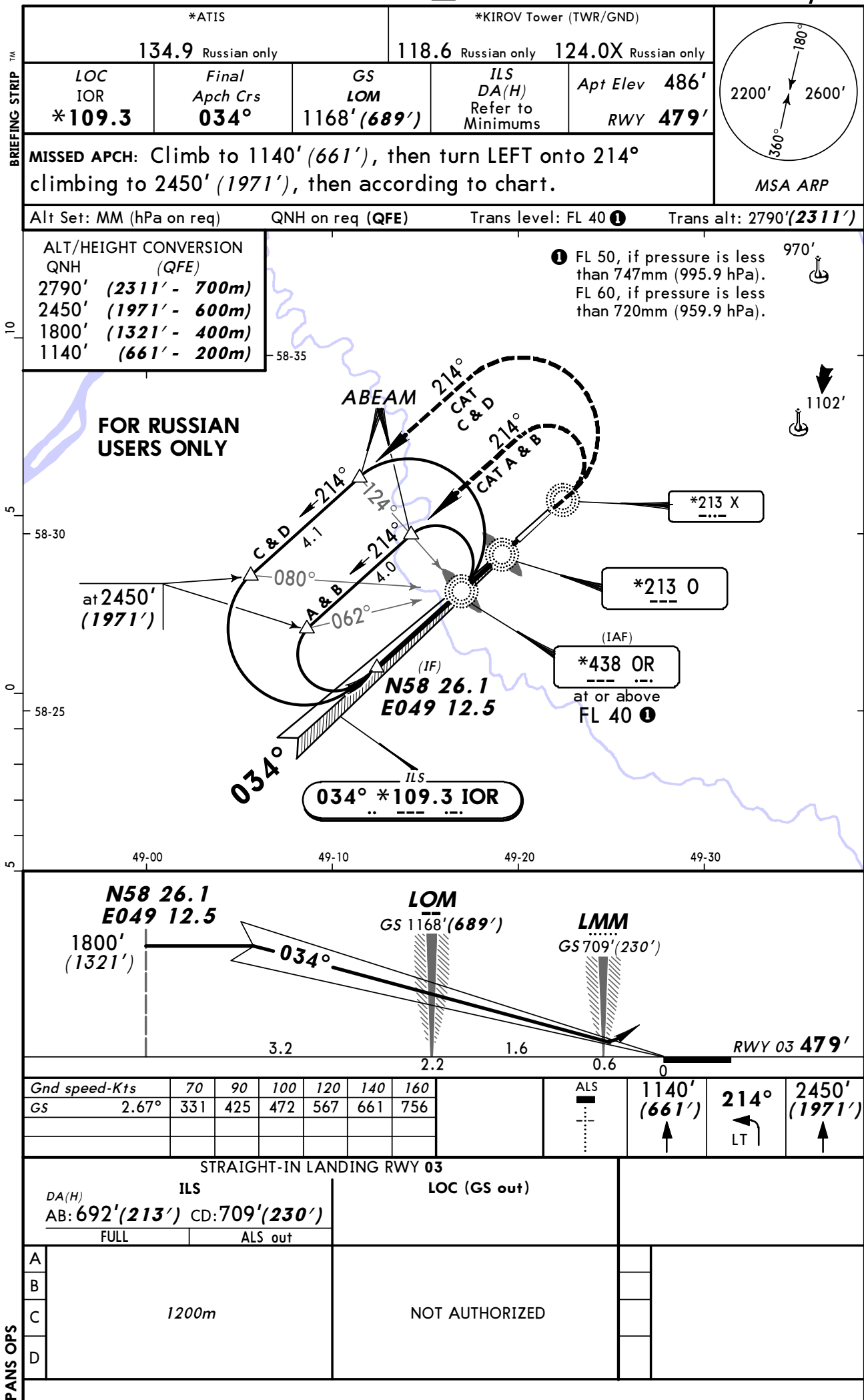
A		
B	250m	400m
C		
D	300m	

STRAIGHT-IN RWY		A	B	C	D
03	ILS	692' (213')	692' (213')	709' (230')	709' (230')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	2 NDB ① with FAF	830' (351')	830' (351')	830' (351')	830' (351')
		R1400m	R1400m	R1400m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1600m	R1600m
	2 NDB ① w/o FAF	830' (351')	830' (351')	830' (351')	830' (351')
		R1400m	R1400m	R1400m	R1400m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m
	OR NDB ① with FAF	1140' (661')	1140' (661')	1300' (821')	1300' (821')
		R1500m	R1500m	C2400m	C2400m
	OR NDB ① w/o FAF	1140' (661')	1140' (661')	1300' (821')	1300' (821')
		C2900m	C2900m	C3600m	C3600m
	<i>ALS out</i>	C3100m	C3100m	C3800m	C3800m
21	O NDB ① with FAF	1210' (731')	1210' (731')	1470' (991')	1470' (991')
		R1500m	R1500m	C2400m	C2400m
	O NDB or X NDB w/o FAF	1210' (731')	1210' (731')	1470' (991')	1470' (991')
		C3400m	C3400m	C4700m	C4700m
	<i>ALS out</i>	C3600m	C3600m	C4900m	C4900m
	X NDB ① with FAF	1140' (661')	1140' (661')	1470' (991')	1470' (991')
		R1500m	R1500m	C2400m	C2400m
	ILS	679' (213')	679' (213')	696' (230')	696' (230')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	2 NDB ① with FAF	820' (354')	820' (354')	820' (354')	820' (354')
		R1400m	R1400m	R1400m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1600m	R1600m
	2 NDB ① w/o FAF	820' (354')	820' (354')	820' (354')	820' (354')
		R1400m	R1400m	R1400m	R1400m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m
	XA NDB ① with FAF	1130' (664')	1130' (664')	1290' (824')	1290' (824')
		R1500m	R1500m	C2400m	C2400m
	XA NDB ① w/o FAF	1130' (664')	1130' (664')	1290' (824')	1290' (824')
		C2900m	C2900m	C3600m	C3600m
	<i>ALS out</i>	C3100m	C3100m	C3800m	C3800m
	X NDB ① with FAF	1190' (724')	1190' (724')	1320' (854')	1320' (854')
		R1500m	R1500m	C2400m	C2400m
	X NDB w/o FAF	1190' (724')	1190' (724')	1320' (854')	1320' (854')
		C3400m	C3400m	C4200m	C4200m
	<i>ALS out</i>	C3600m	C3600m	C4400m	C4400m
	O NDB ① with FAF	1320' (854')	1320' (854')	1460' (994')	1460' (994')
		R1500m	R1500m	C2400m	C2400m
	O NDB w/o FAF	1320' (854')	1320' (854')	1460' (994')	1460' (994')
		C4000m	C4000m	C4700m	C4700m
	<i>ALS out</i>	C4200m	C4200m	C4900m	C4900m

① Continuous Descent Final Approach.

TAKE-OFF RWY 03, 21

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		

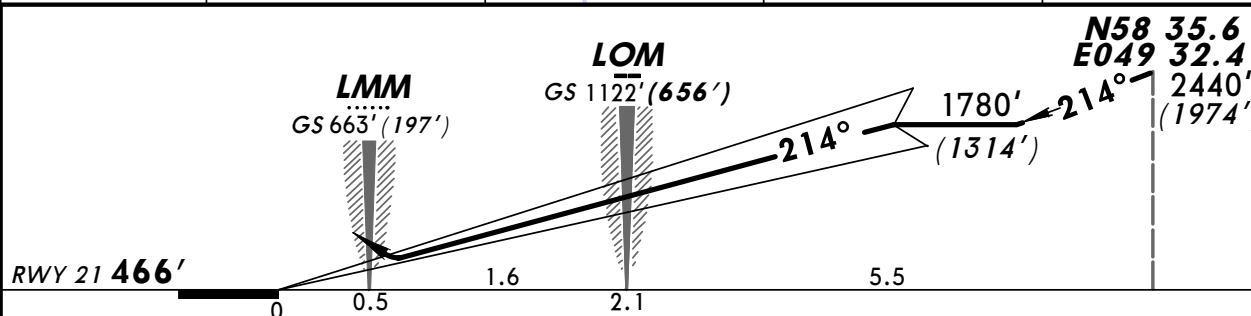


MSA ARP

1 FL 50, if pressure is less than 747mm (995.9 hPa).
FL 60, if pressure is less than 720mm (959.9 hPa).

At or above
2440' (1974')

At or above
2440' (1974')

[illegible]

DA(H) ILS
AB: 679' (213') CD: 696' (230')

LOC (GS out)

FULL	ALS out
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A
B
C
D

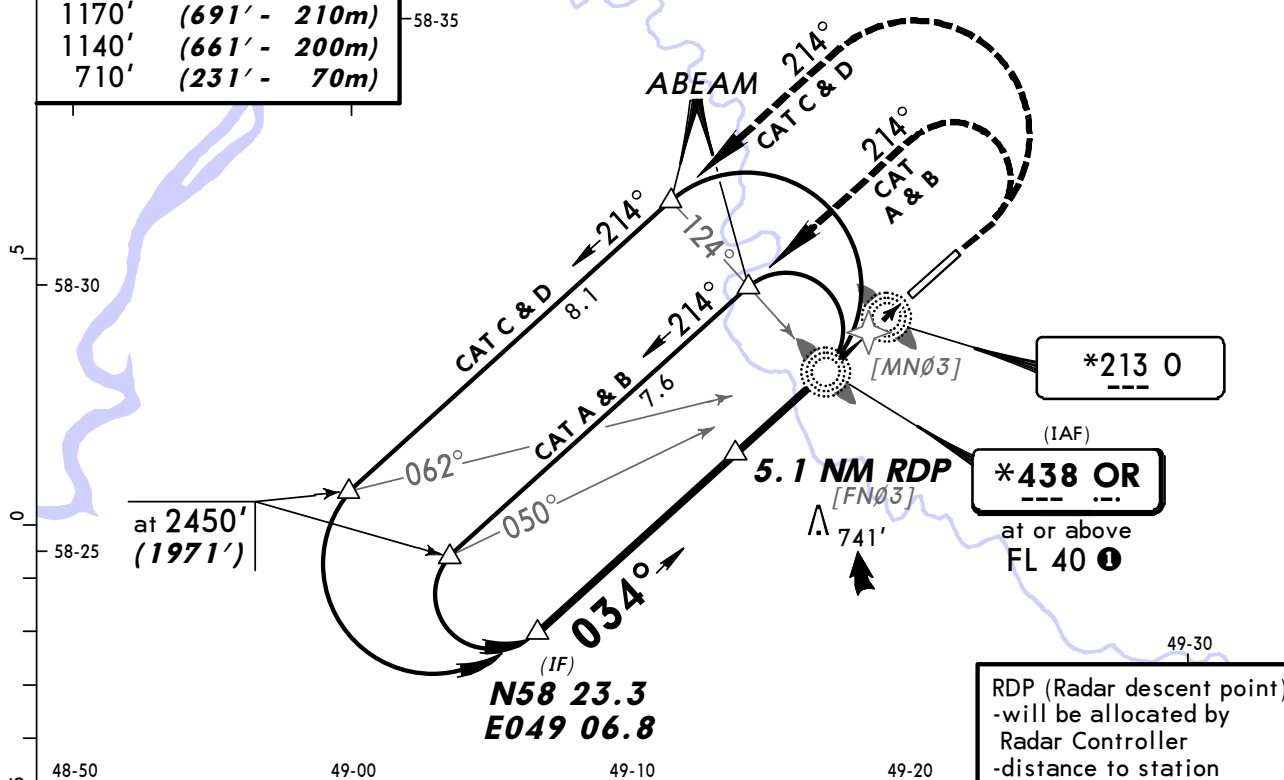
1200m

NOT AUTHORIZED

MSA ARP

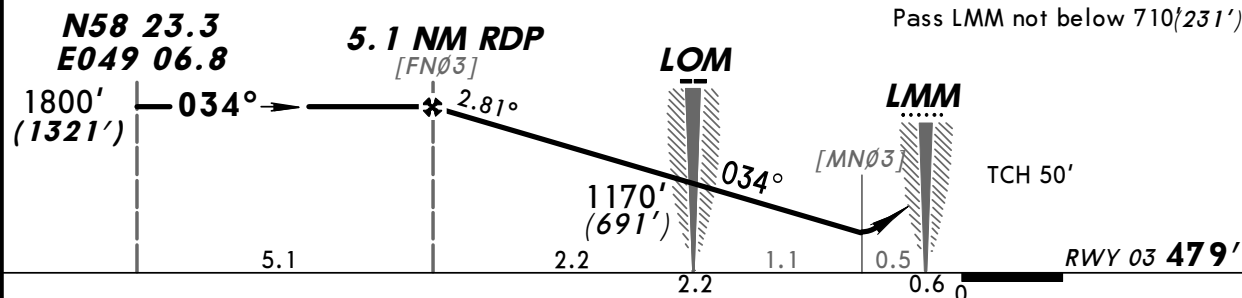
FOR RUSSIAN USERS ONLY

① FL 50, if pressure is less than 747mm (995.9 hPa).
FL 60, if pressure is less than 720mm (959.9 hPa).

10

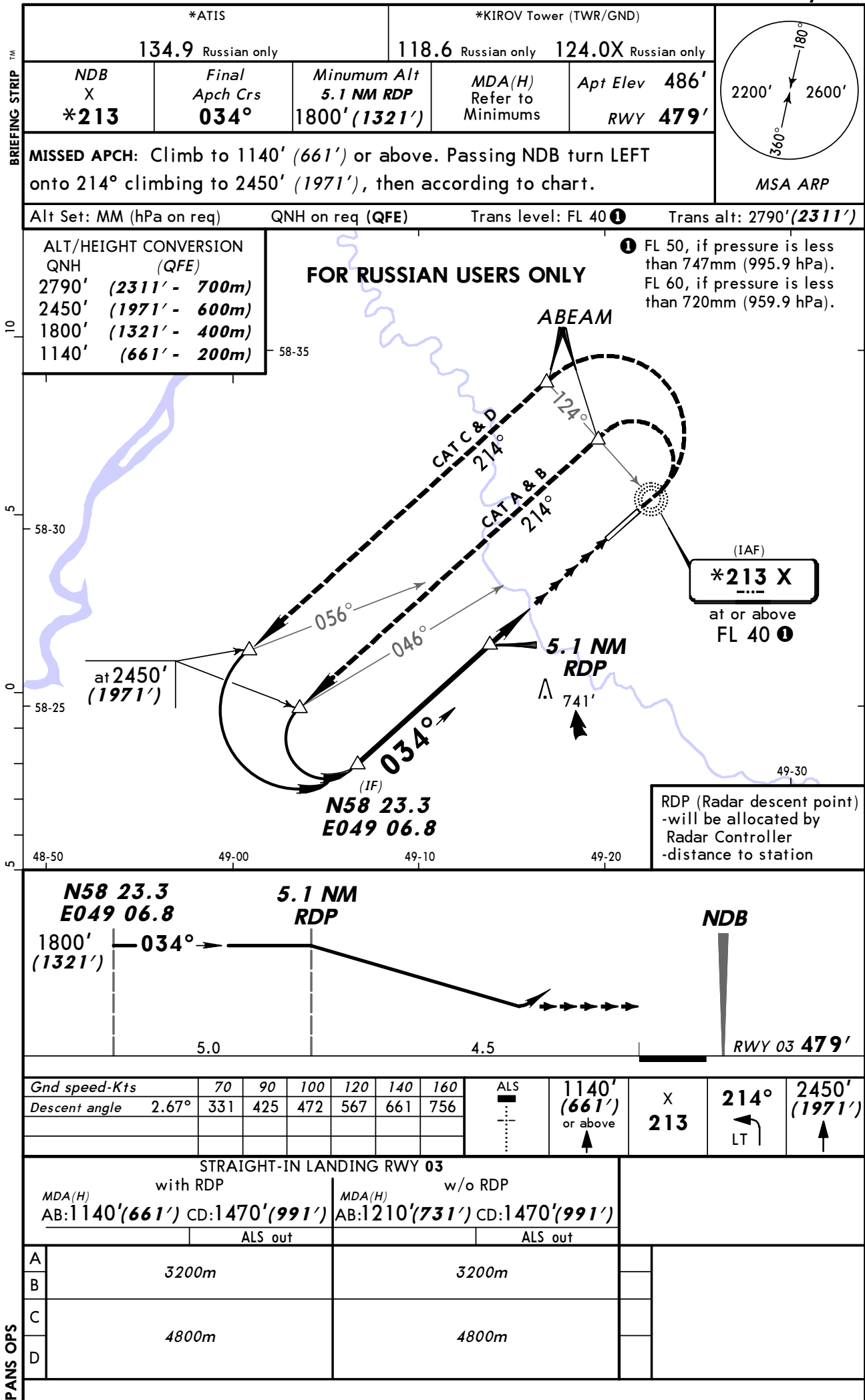
- RDP (Radar descent point)
 - will be allocated by Radar Controller
 - distance to station

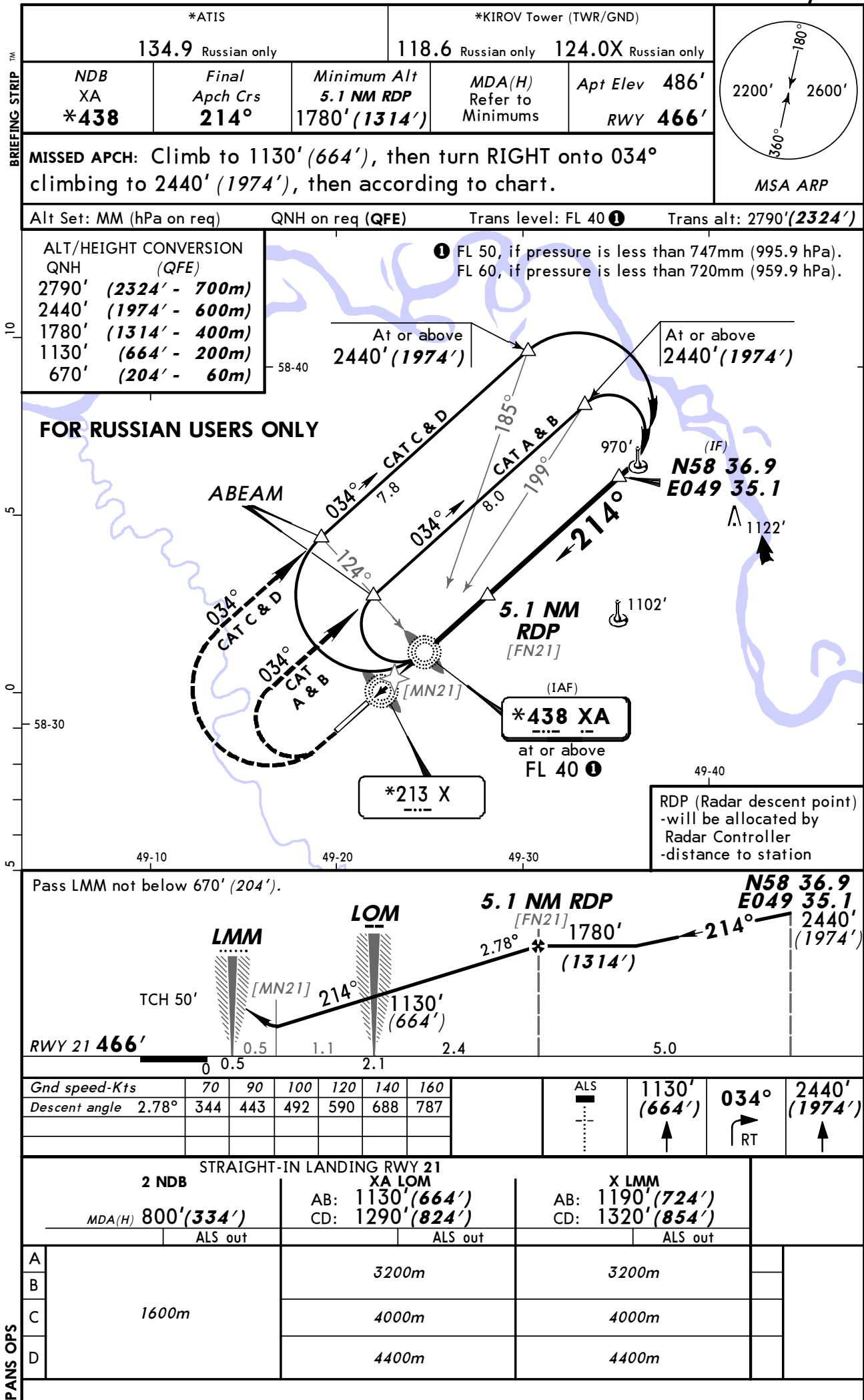
Pass LMM not below 710'231').

[illegible]

2 NDB		OR LOM		O LMM			
MDA(H) 830'(351')		AB: 1140'(661')		AB: 1210'(731')			
		CD: 1300'(821')		CD: 1470'(991')			
ALS out		ALS out		ALS out			
A	2000m	3200m		3200m			
B							
C		4000m		4800m			
D		4400m					

PANS OPS





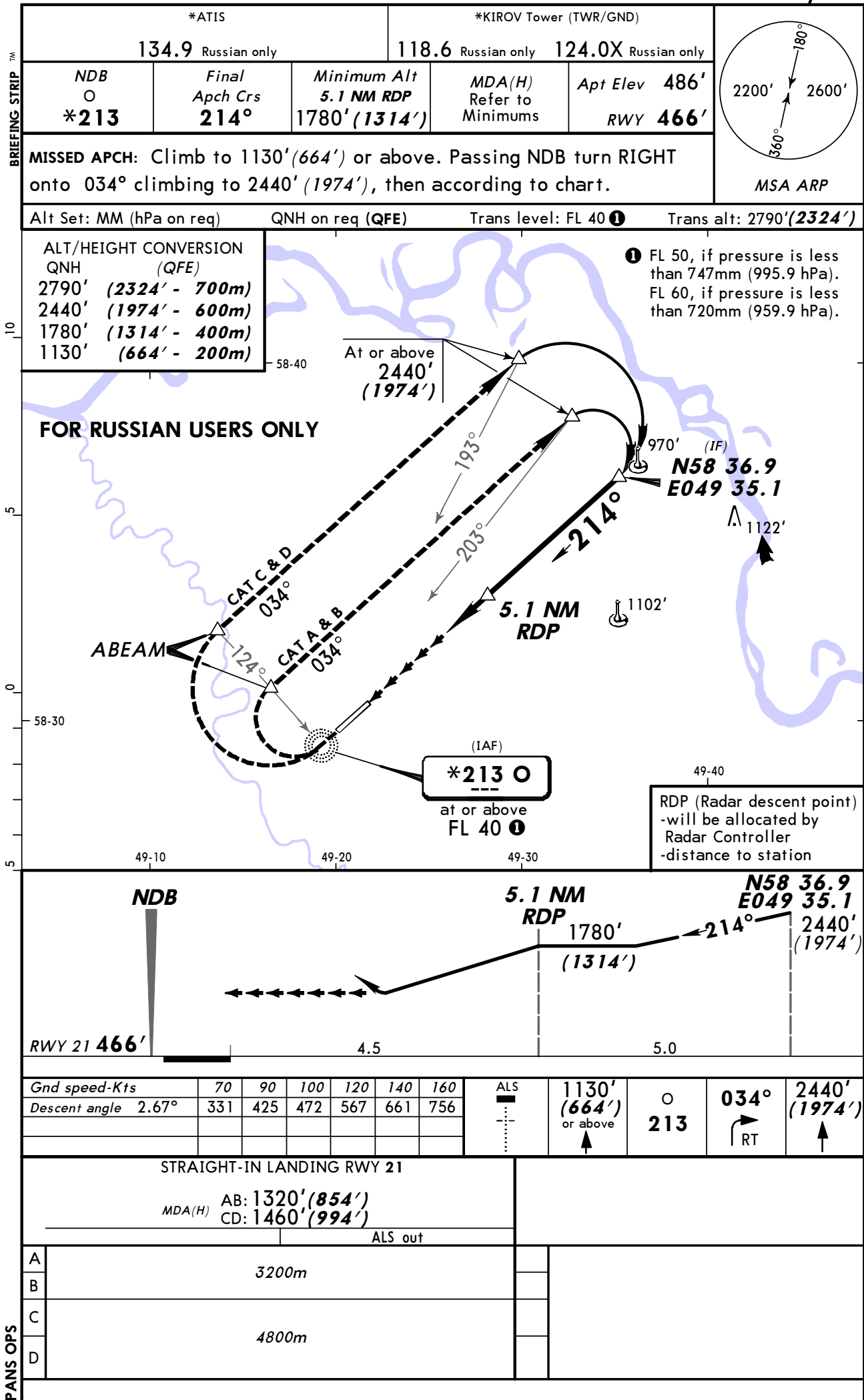




Chart changes since cycle 16-2013

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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KIROV, (POBEDILOVO - USKK)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport USKK