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Airport Information For ULPB

Terminal Charts For ULPB

Revision Letter For Cycle 01-2014

Change Notices

Notebook

General Information

Location: Petrozavodsk Rus
IATA Code: PES
Lat/Long: N61° 53.1' E034° 09.3'
Elevation: 151 ft

Airport Use: Public
Magnetic Variation: 12.2°E

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

Sunrise: 0701 Z
Sunset: 1237 Z,

Runway Information

Runway: 01
Length x Width: 8212 ft x 157 ft
Surface Type: concrete
TDZ-Elev: 148 ft
Lighting: Edge, ALS

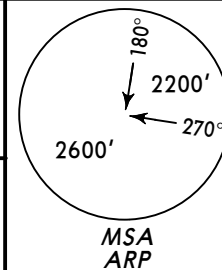
Runway: 19
Length x Width: 8212 ft x 157 ft
Surface Type: concrete
TDZ-Elev: 138 ft
Lighting: Edge, ALS

Communication Information

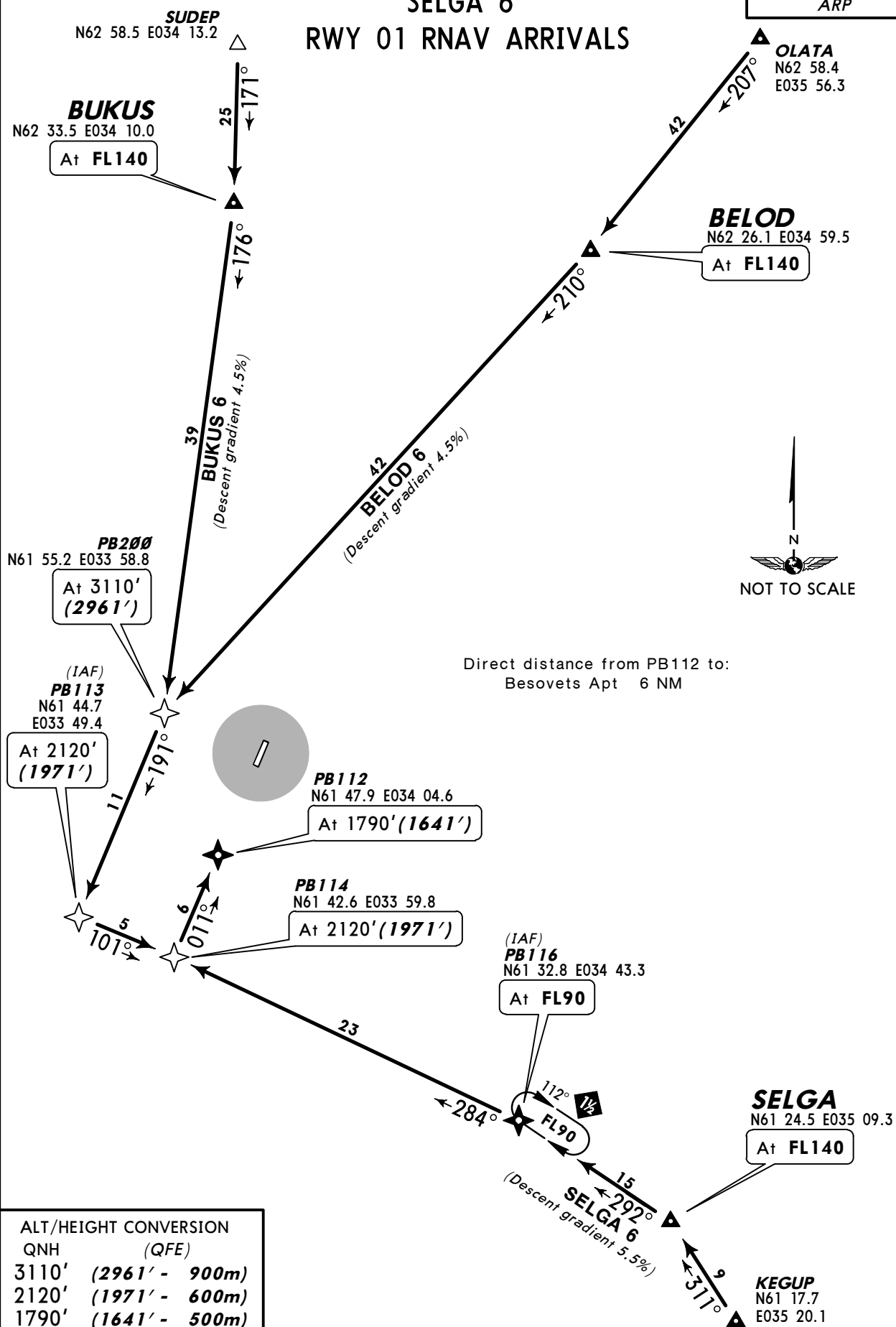
Petrozavodsk Tower 128.0

Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2961')



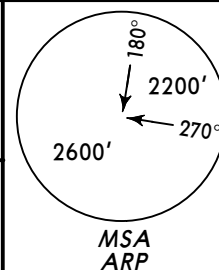
BELOD 6, BUKUS 6
SELGA 6
RWY 01 RNAV ARRIVALS



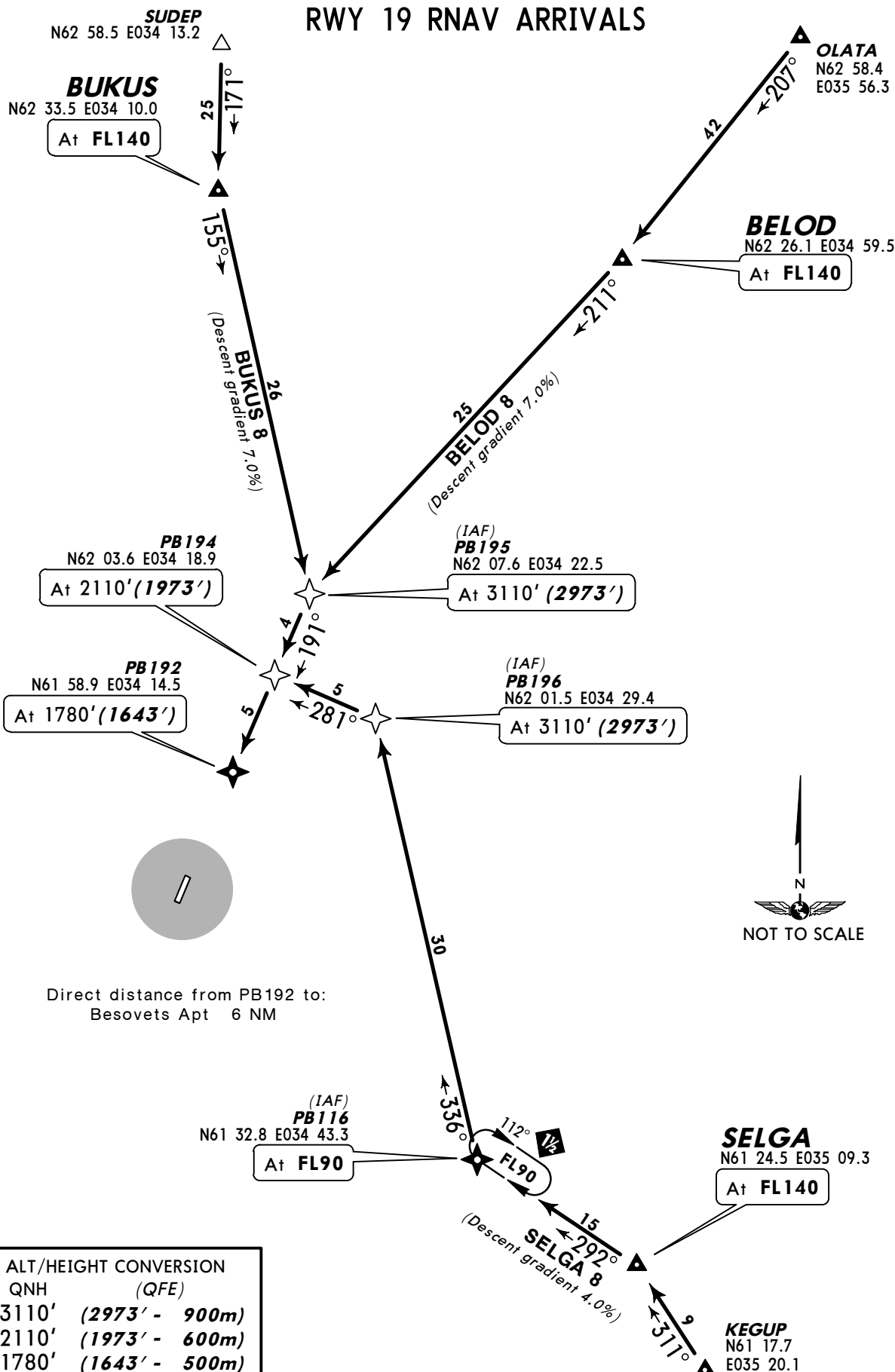
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3110'	(2961' - 900m)
2120'	(1971' - 600m)
1790'	(1641' - 500m)

Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2973')

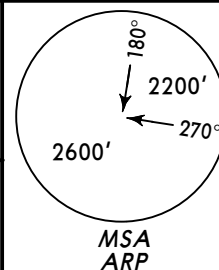


BELOD 8, BUKUS 8 SELGA 8 RWY 19 RNAV ARRIVALS

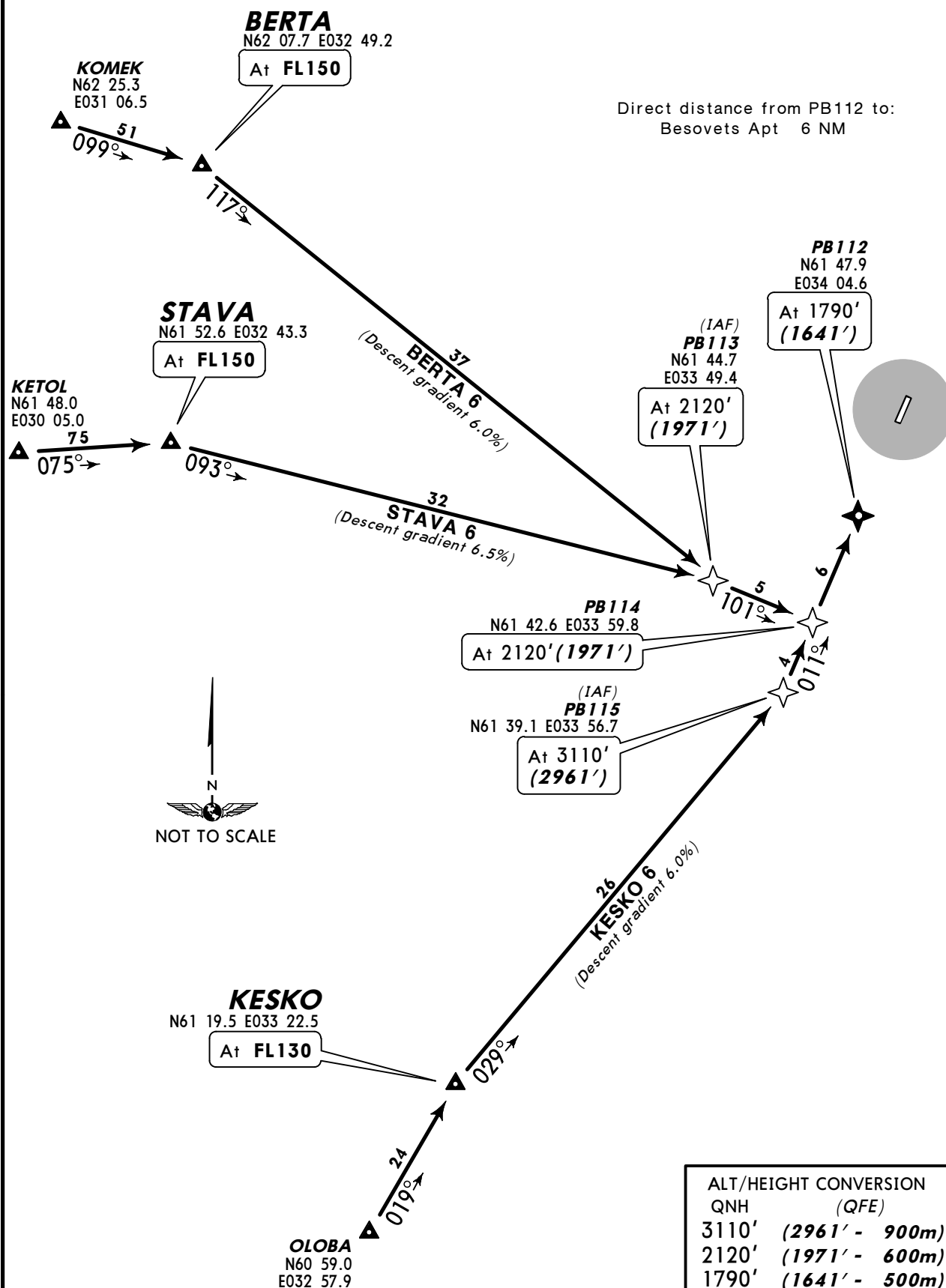


Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2961')



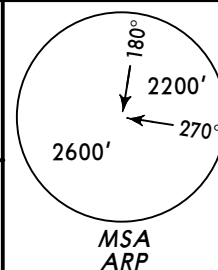
BERTA 6, KESKO 6 STAVA 6 RWY 01 RNAV ARRIVALS



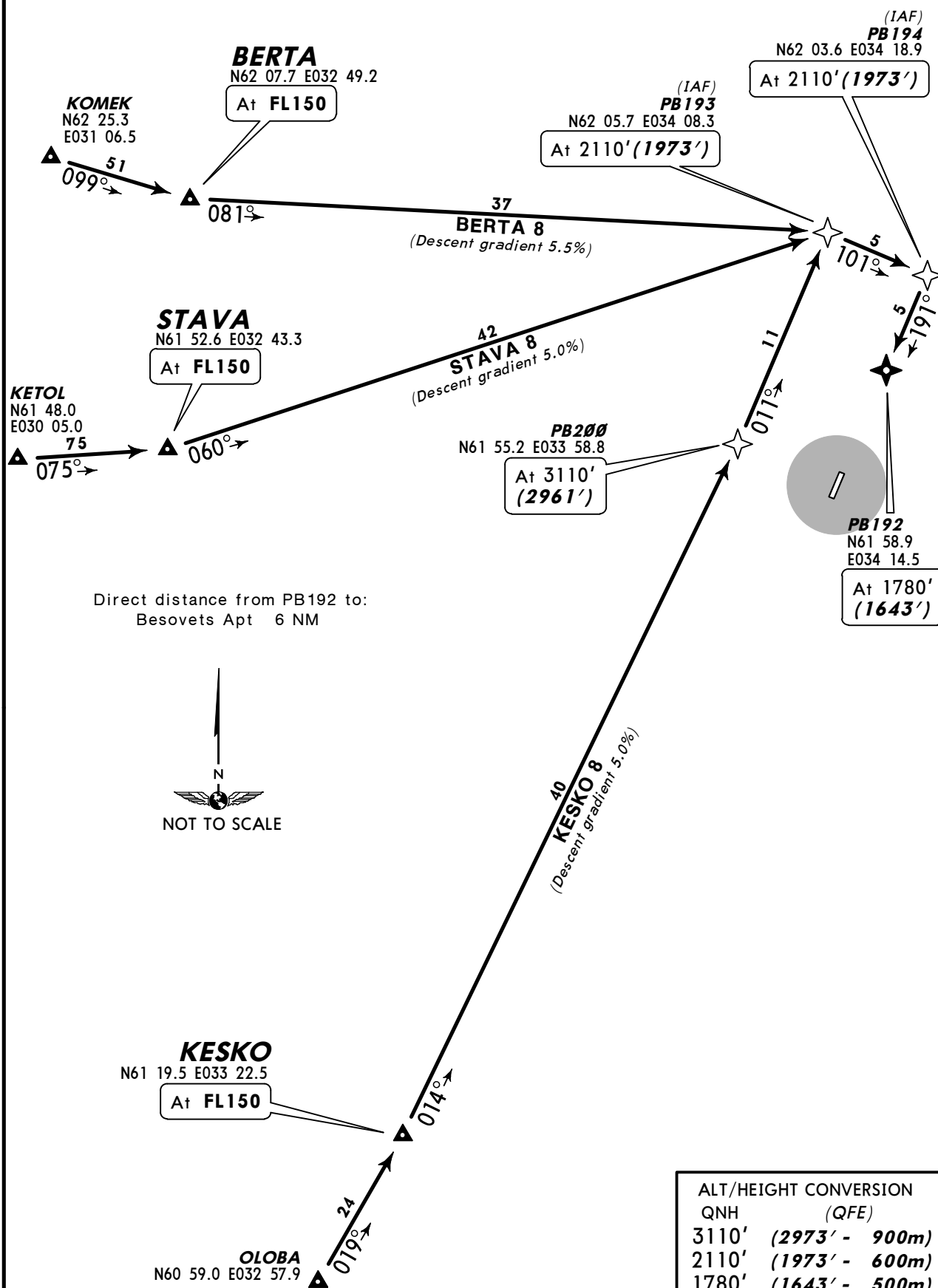
ALT/HEIGHT CONVERSION		
QNH	(QFE)	
3110'	(2961' -	900m)
2120'	(1971' -	600m)
1790'	(1641' -	500m)

Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2973')

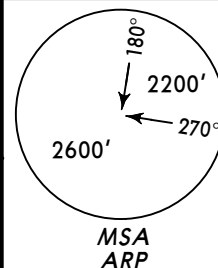


BERTA 8, KESKO 8 STAVA 8 RWY 19 RNAV ARRIVALS



Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2961')



BELOD 2
BUKUS 2
RWY 01 ARRIVALS

BUKUS
N62 33.5 E034 10.0
At FL140

SUDEP
N62 58.5 E034 13.2

OLATA
N62 58.4 E035 56.3

BELOD
N62 26.1 E034 59.5
At FL140

HOLDING
OVER X



Direct distance
from N61 47.9 E034 04.6 to:
Besovets Apt 6 NM

***645 X**
N61 52.0 E034 08.3
At TL

N61 47.1 E033 54.7
At 2120' (1971')

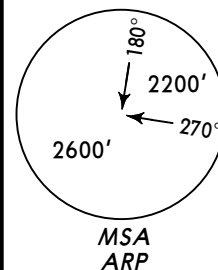
N61 47.9 E034 04.6
BELOD 2
At
1790' (1641')
BUKUS 2
On return at
1790' (1641')



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3110'	(2961' - 900m)
2120'	(1971' - 600m)
1790'	(1641' - 500m)

Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2973')



BELOD 4A [BELO4A]
BELOD 4B [BELO4B]
BUKUS 4A [BUKU4A]
BUKUS 4B [BUKU4B]
RWY 19 ARRIVALS

SUDEP
N62 58.5
E034 13.2

25
171°

BUKUS
N62 33.5 E034 10.0
At FL140

169°
168°

OLATA
N62 58.4 E035 56.3

BELOD
N62 26.1 E034 59.5
At FL140

42
207°
204°
203°



BUKUS 4B
42
BUKUS 4A
39

BELOD 4A
39
BELOD 4B
42

N62 03.3
E034 08.6
At 2110' (1973')

HOLDINGS
OVER X & Q



N61 58.9 E034 14.5
At 1780' (1643')

Direct distance
from N61 58.9 E034 14.5 to:
Besovets Apt 6 NM

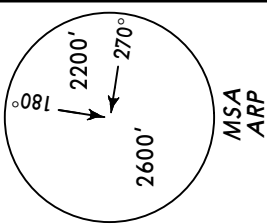
*645 Q
N61 54.3 E034 10.4
At TL

*645 X
N61 52.0 E034 08.3
At TL

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3110'	(2973' - 900m)
2110'	(1973' - 600m)
1780'	(1643' - 500m)

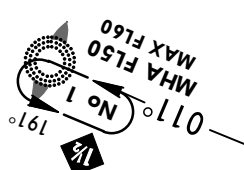
Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2961')

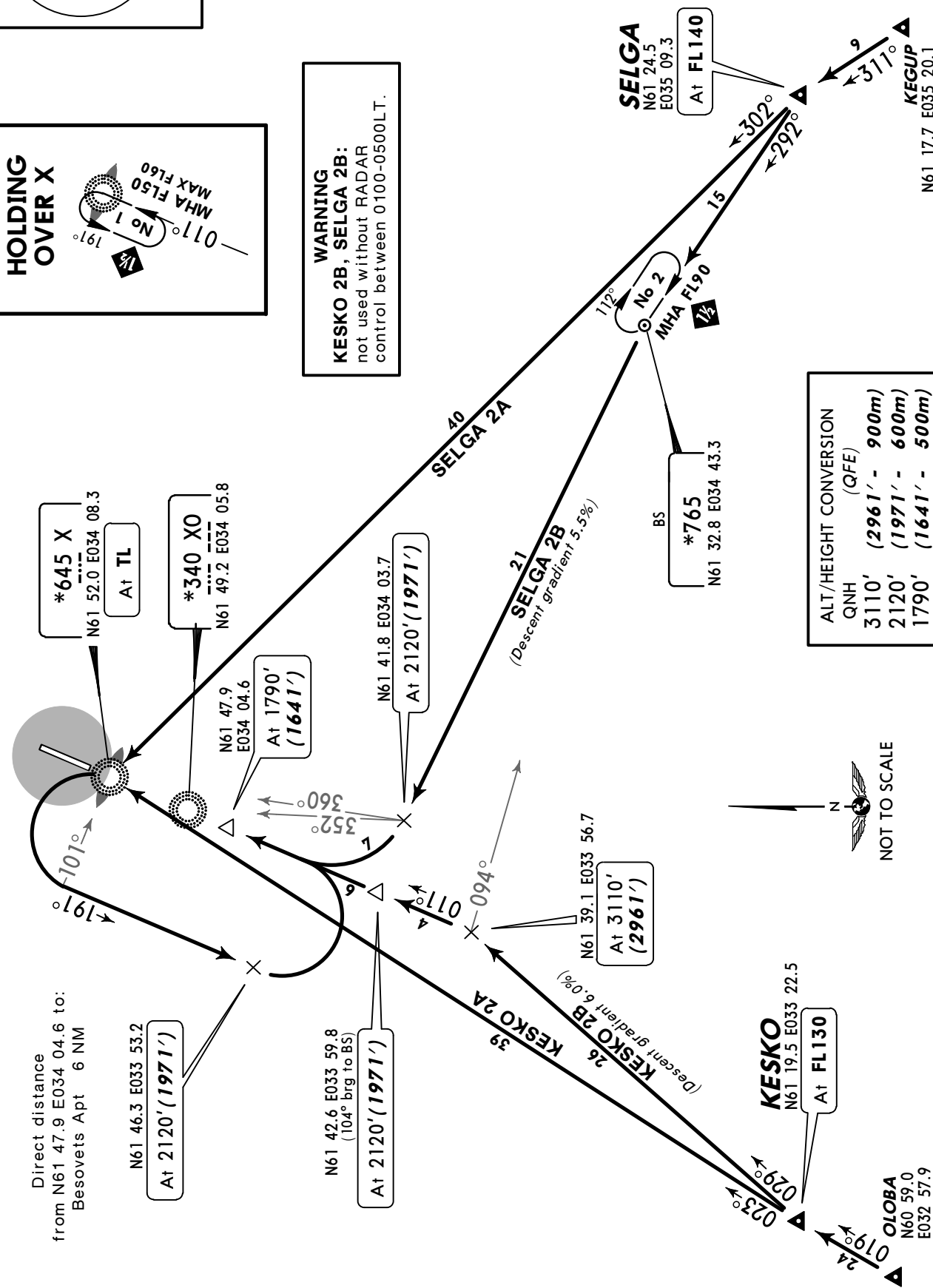


KESKO 2A [KESK2A], KESKO 2B [KESK2B]
SELGA 2A [SELG2A], SELGA 2B [SELG2B]
RWY 01 ARRIVALS

HOLDING
OVER X

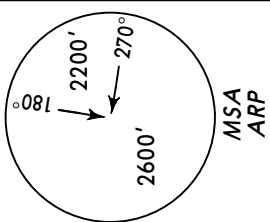


WARNING
KESKO 2B, SELGA 2B:
not used without RADAR
control between 0100-0500LT.



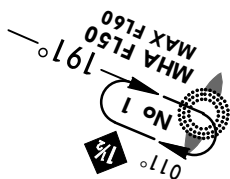
Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa) and 706 mm
(941.3 hPa) or above
Trans alt: 3110' (2973')

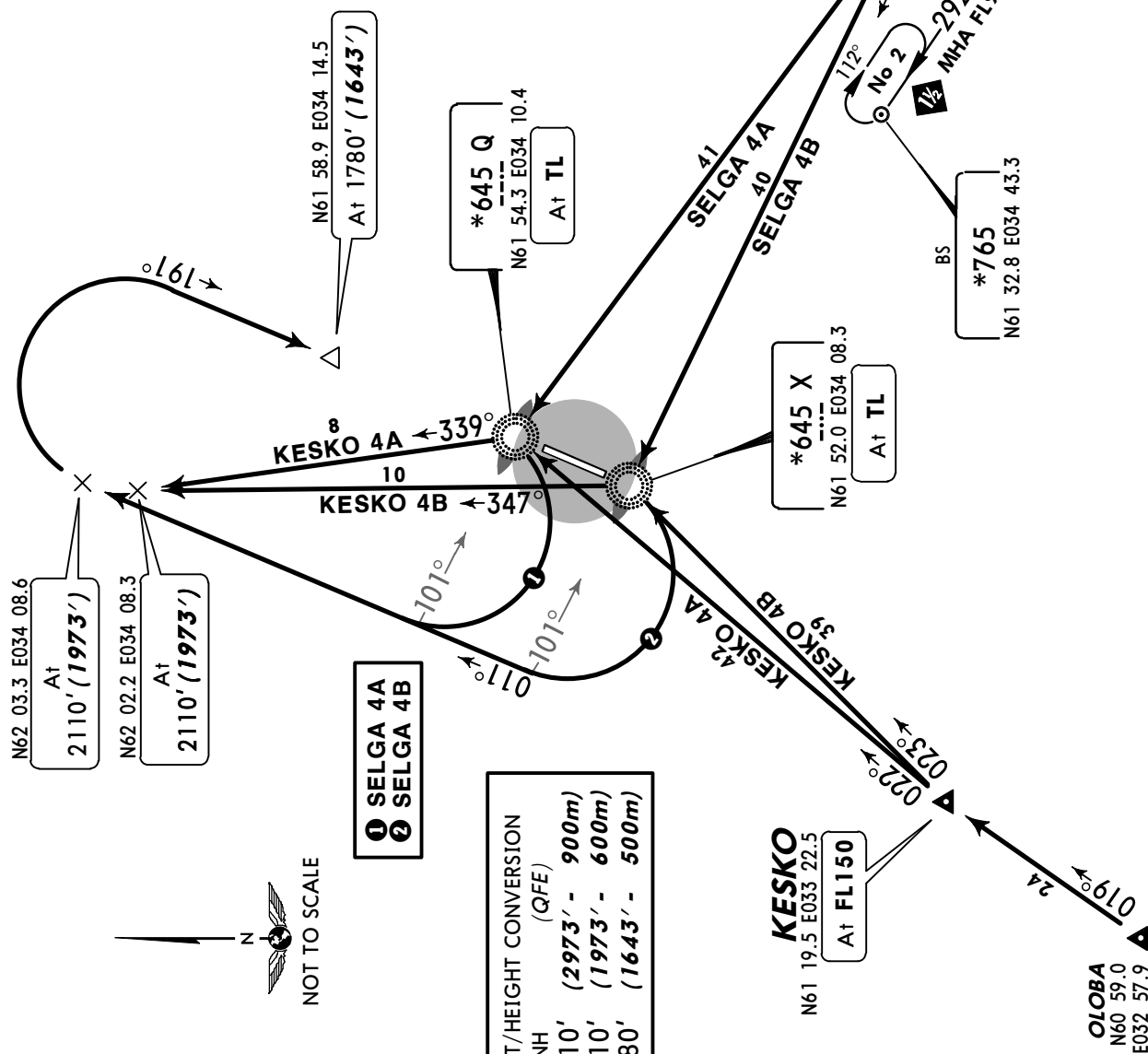


KESKO 4A [KESK4A], KESKO 4B [KESK4B]
SELGA 4A [SELG4A], SELGA 4B [SELG4B]
RWY 19 ARRIVALS

HOLDINGS
OVER X & Q

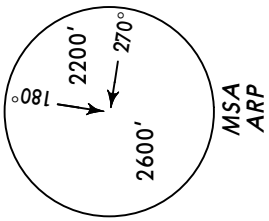


Direct distance
from N61 58.9 E034 14.5 to:
Besovets Apt 6 NM



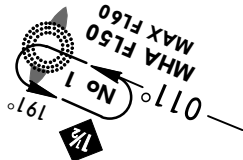
Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2961')



BERTA 2 STAVA 2 RWY 01 ARRIVALS

HOLDING
OVER X



*645 X
N61 52.0 E034 08.3
A+ TL

N61 47.9
E034 04.6
A+ 1790'
(1641')

N61 46.3 E033 53.2
A+ 2120' (1971')

Direct distance
from N61 47.9 E034 04.6 to:
Besovets Apt 6 NM

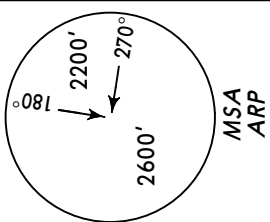
BERTA
N62 07.7 E032 49.2
A+ FL150
KOMEK
N62 25.3
E031 06.5

STAVA
N61 52.6 E032 43.3
A+ FL150
KETOL
N61 48.0
E030 05.0

ALT/HEIGHT CONVERSION
QNH (QFE)
3110' (2961' - 900m)
2120' (1971' - 600m)
1790' (1641' - 500m)

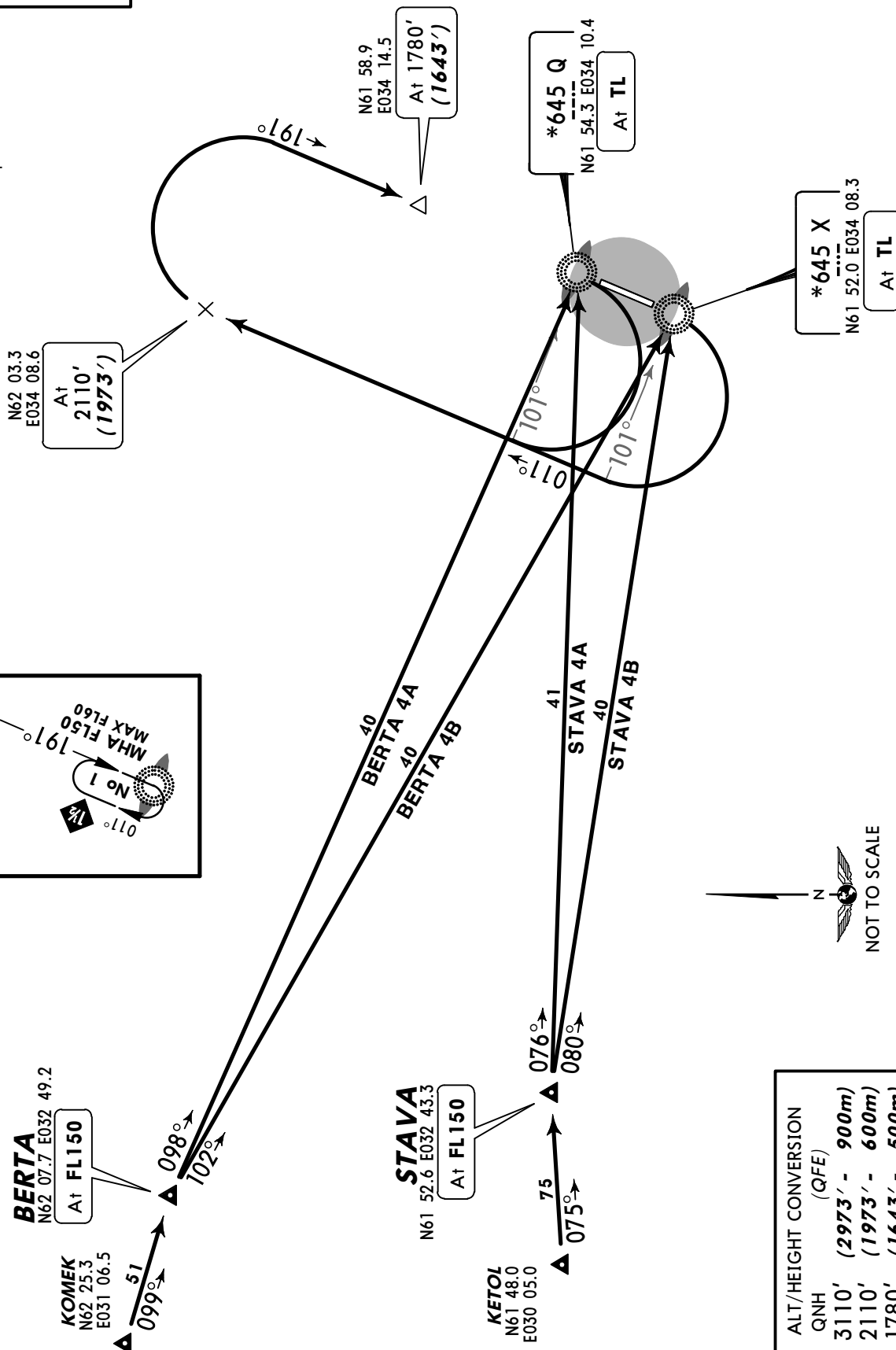
Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2973')



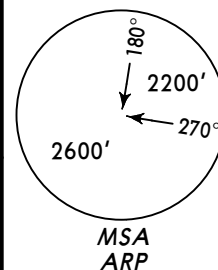
BERTA 4A [BERT4A], BERTA 4B [BERT4B]
STAVA 4A [STAV4A], STAVA 4B [STAV4B]
RWY 19 ARRIVALS

Direct distance
from N61 58.9 E034 14.5 to:
Besovets Apt 6 NM

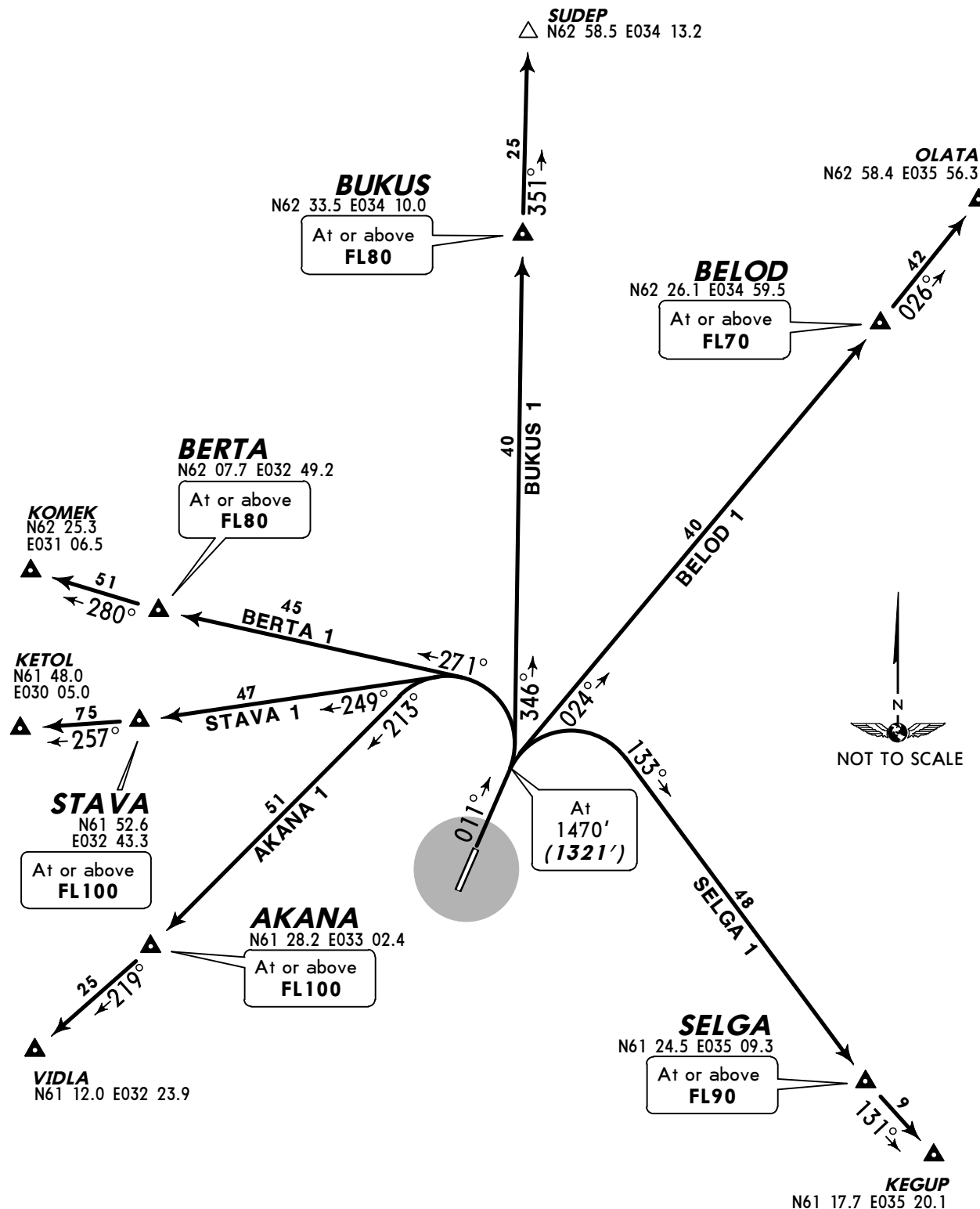


Apt Elev
150'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2961')



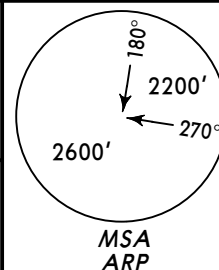
AKANA 1, BELOD 1, BERTA 1
BUKUS 1, SELGA 1, STAVA 1
RWY 01 DEPARTURES



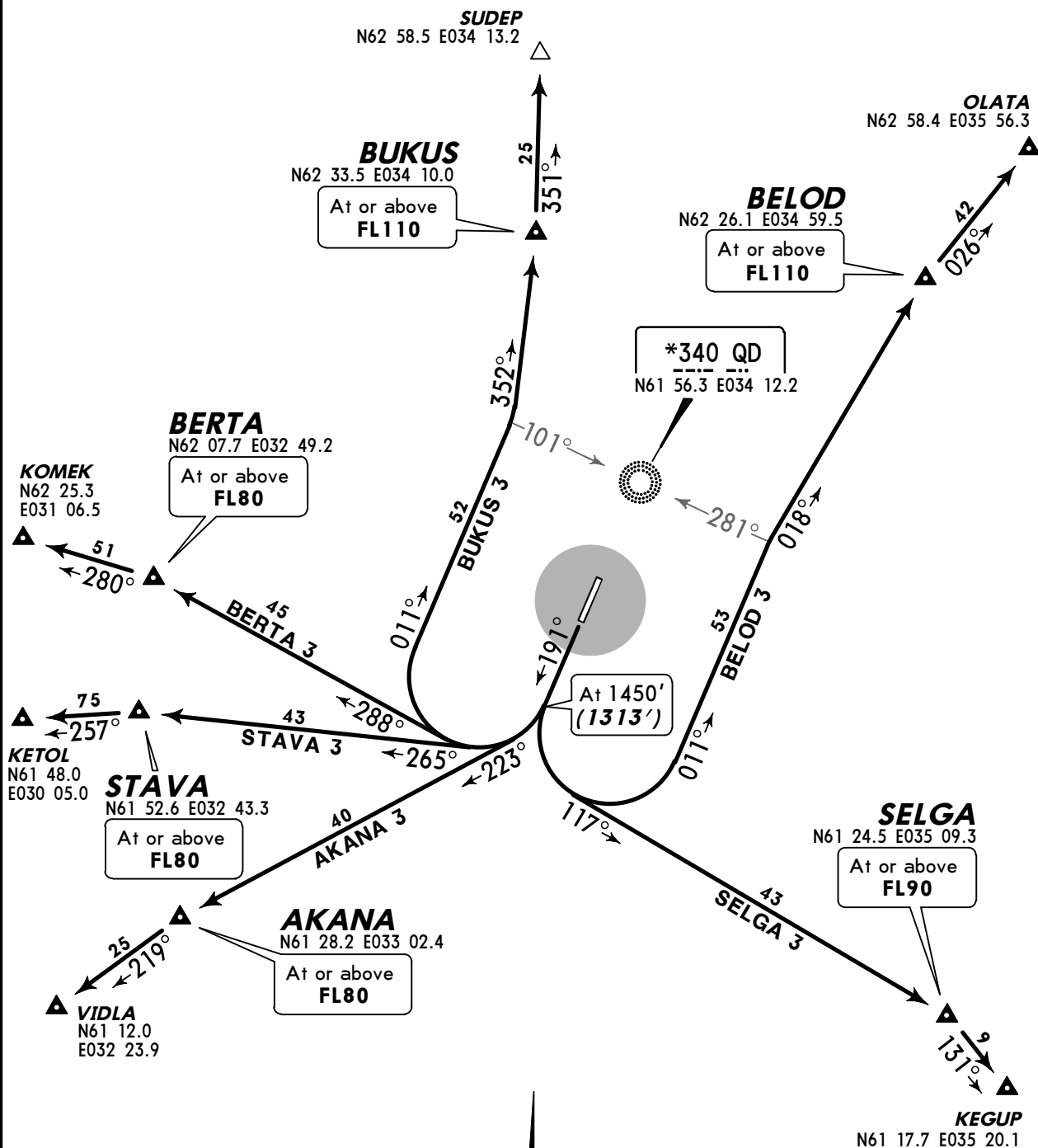
ALT/HEIGHT CONVERSION
QNH (QFE)
1470' (1321' - 400m)
3110' (2961' - 900m)

Apt Elev
150'

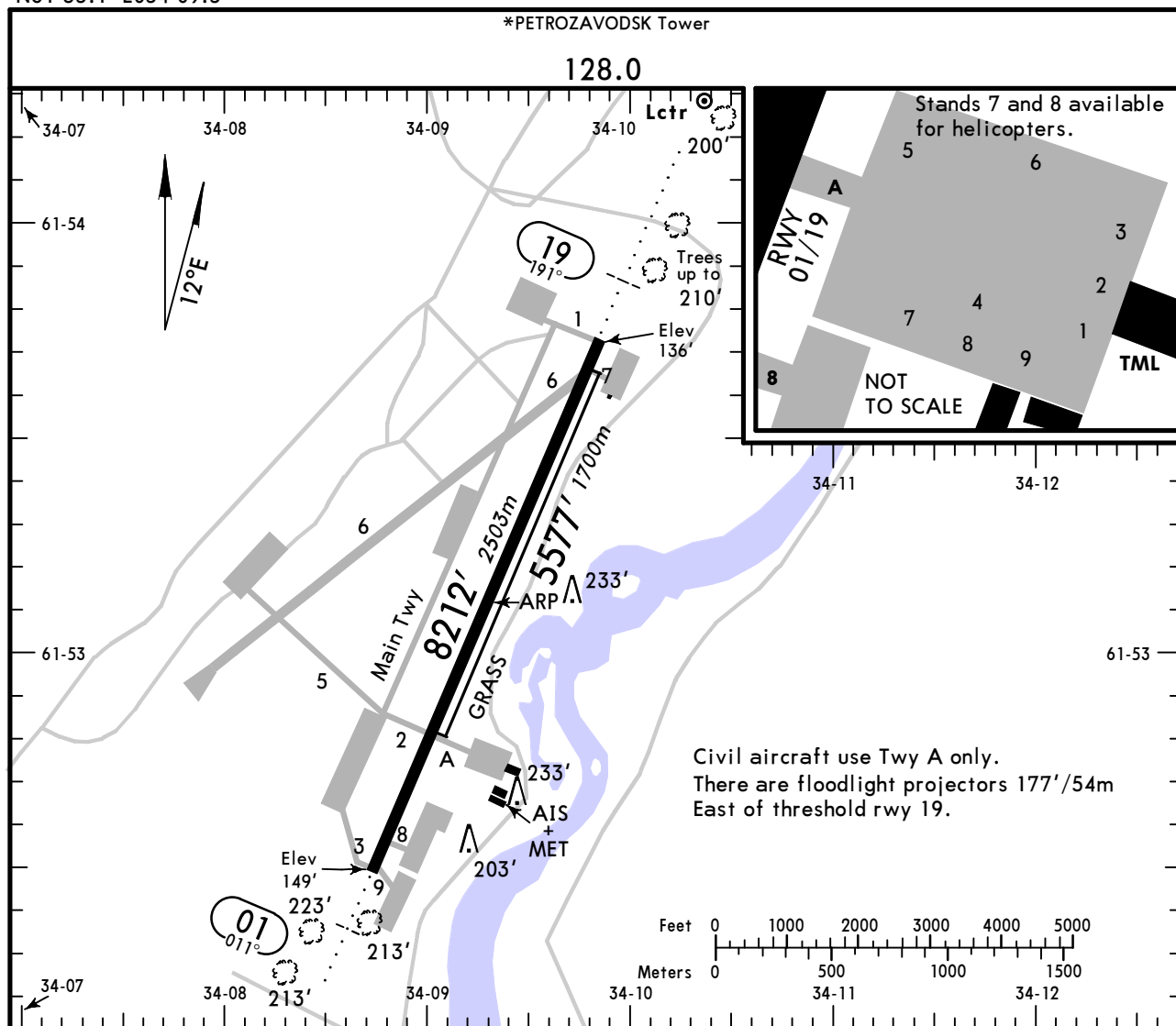
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2973')



AKANA 3, BELOD 3, BERTA 3
BUKUS 3, SELGA 3, STAVA 3
RWY 19 DEPARTURES



ALT/HEIGHT CONVERSION
QNH (QFE)
1450' (1313' - 400m)
3110' (2973' - 900m)



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					Threshold	Glide Slope		
01	19	RL (60m) HIALS	PAPI-L (3.00°)	RVR			①	148' 48m
01	19	RL (60m) ALS	PAPI-L (2.67°)	RVR				131' 40m
01	19	Grass runway						

① First 328'/100m unusable for take-off.

TAKE-OFF RUN AVAILABLE

RWY 01:

From rwy head 7884' (2403m)
twy A int 6070' (1850m)

TAKE-OFF

AIR CARRIER (JAA)
Main rwy 01/19

LVP must be in force
RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A
B
C
D

250m

300m

400m

STRAIGHT-IN RWY		A	B	C	D
01	2 NDB ❶	570' (421')	570' (421')	570' (421')	570' (421')
		R1500m	R1500m	R1600m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	NDB ❶❷	780' (631')	780' (631')	780' (631')	780' (631')
		R1500m	R1500m	C2400m	C2400m
	NDB ❸	1130' (981')	1130' (981')	1130' (981')	1130' (981')
		C4300m	C4300m	C4500m	C4500m
	<i>ALS out</i>	C4700m	C4700m	C4900m	C4900m
19	2 NDB ❶	500' (363')	500' (363')	500' (363')	500' (363')
		R1500m	R1500m	R1500m	R1500m
	<i>ALS out</i>	R1500m	R1500m	R1700m	R1700m
	NDB ❶❷	730' (593')	730' (593')	730' (593')	730' (593')
		R1500m	R1500m	C2400m	C2400m
	NDB ❸	980' (843')	980' (843')	980' (843')	980' (843')
		C3800m	C3800m	C4000m	C4000m
	<i>ALS out</i>	C4000m	C4000m	C4200m	C4200m

❶ Continuous Descent Final Approach.

❷ with FAF

❸ w/o FAF

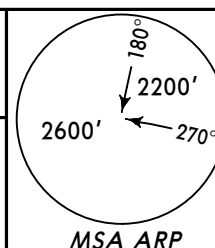
TAKE-OFF RWY 01, 19

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		

*PETROZAVODSK Tower (PAR/TWR)

128.0

NDB XO *340	Final Apch Crs 011°	Minimum Alt RADAR FIX 1790' (1642')	MDA(H) 570' (422')	Apt Elev 151' RWY 148'
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MISSED APCH: Climb to 810' (662'), then turn LEFT onto 191° climbing to 2120' (1972'), then according to chart.

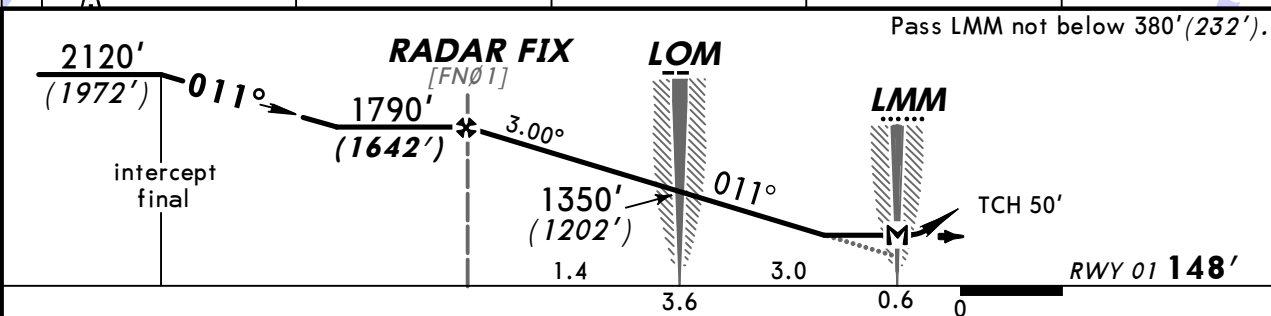
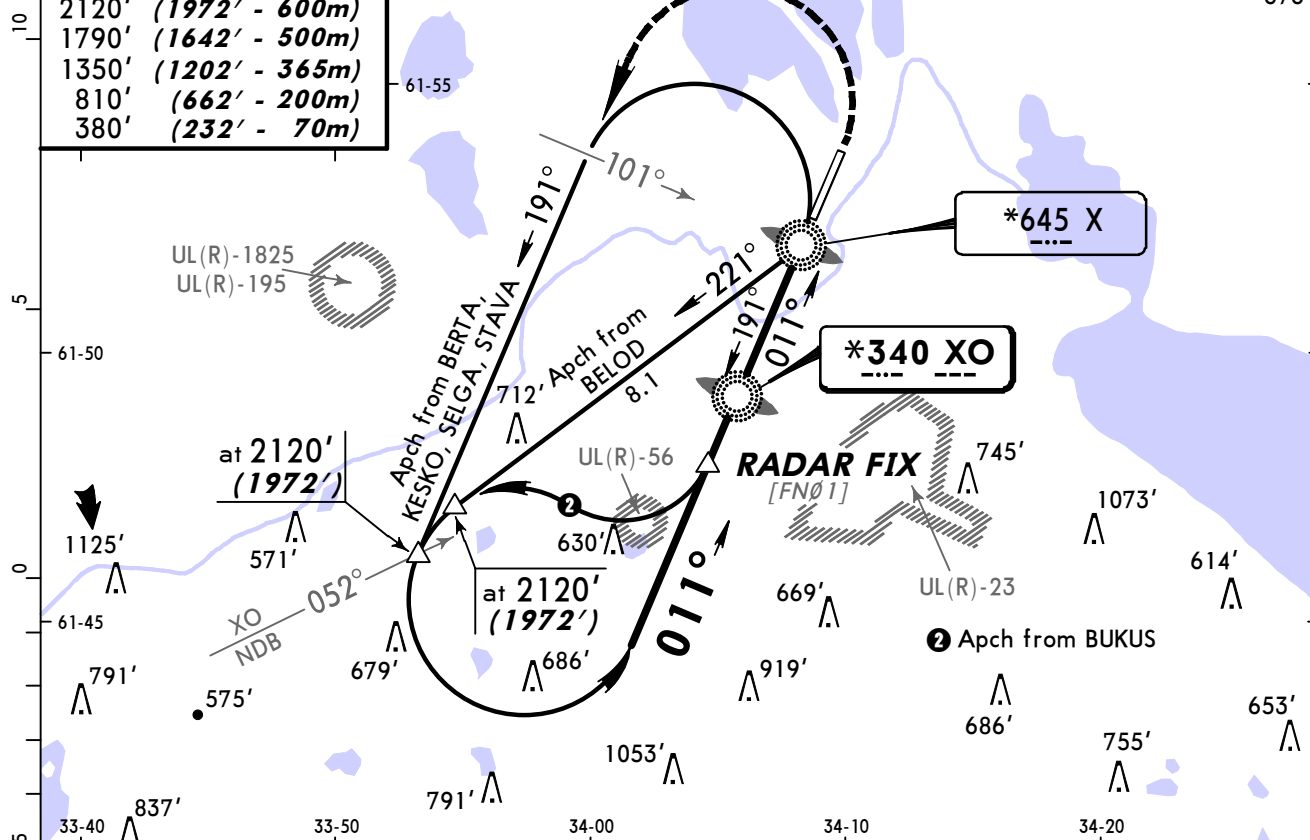
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 1 Trans alt: 3110' (2962')

ALT/HEIGHT CONVERSION

QNH	(QFE)
3110' (2962' - 900m)	
2120' (1972' - 600m)	
1790' (1642' - 500m)	
1350' (1202' - 365m)	
810' (662' - 200m)	
380' (232' - 70m)	

1 FL 60 if pressure is less than 733 mm (977.3 hPa).

676'



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at LMM						

HIALS	810' (662')	191°	2120' (1972')
PAPI	↑	LT	↑

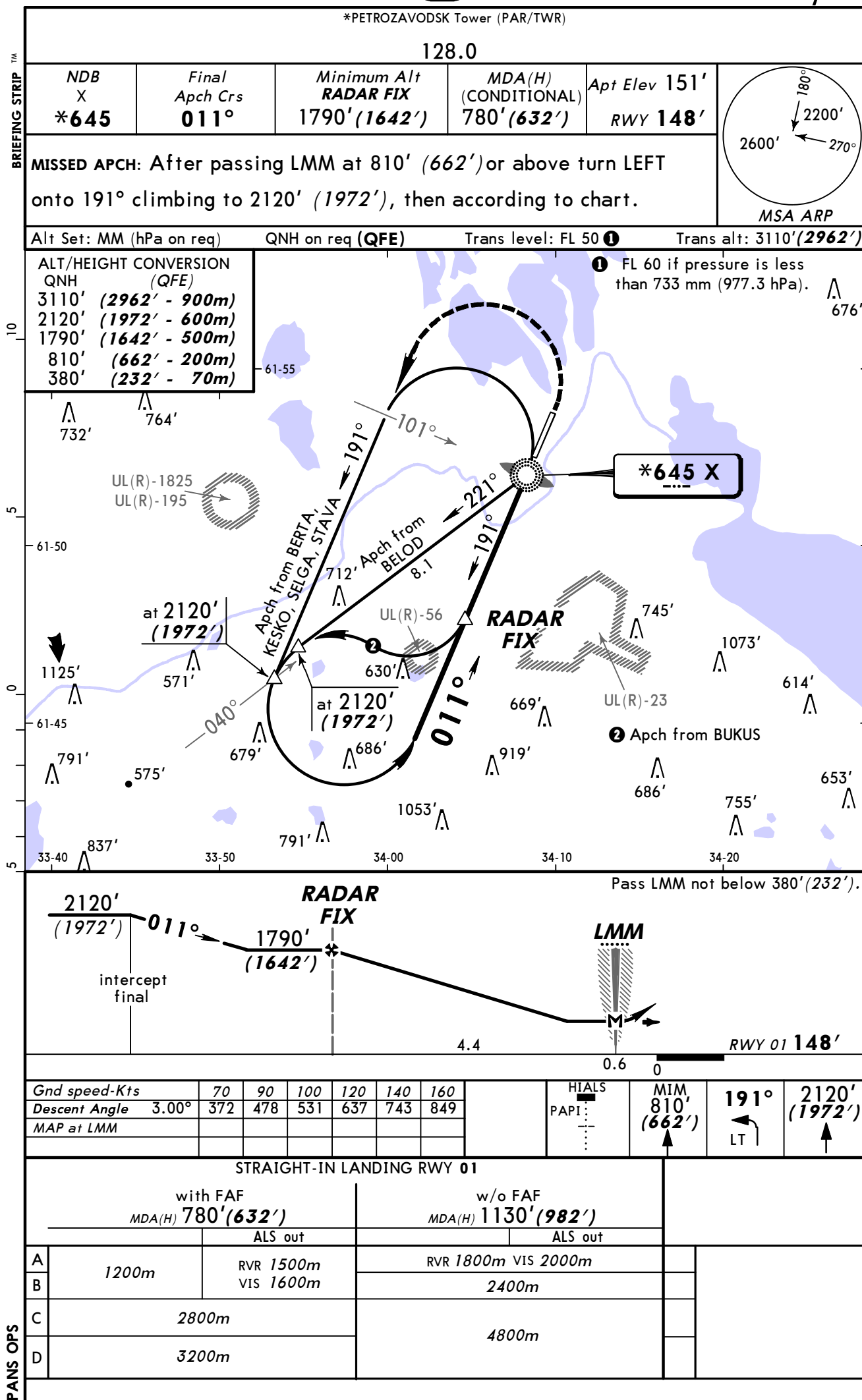
STRAIGHT-IN LANDING RWY 01

MDA(H) 570' (422')

ALS out

A	1200m	RVR 1500m
B		VIS 1600m
C		
D		

RVR 1800m
VIS 2000m



*PETROZAVODSK Tower (PAR/TWR)

128.0

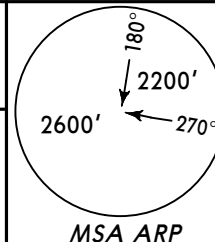
NDB
QD
*340

Final
Apch Crs
191°

Minimum Alt
RADAR FIX
1780' (1642')

MDA(H)
500' (362')

Apt Elev 150'
RWY 138'



MISSED APCH: Climb to 800' (662'), then turn RIGHT onto 011° climbing to 2110' (1972'), then according to chart.

MSA ARP

Alt Set: MM (hPa on req)

QNH on req (QFE)

Trans level: FL 50 ①

Trans alt: 3110' (2972')

ALT/HEIGHT CONVERSION

QNH	(QFE)
3110'	(2972' - 900m)
2110'	(1972' - 600m)
1780'	(1642' - 500m)
1000'	(862' - 260m)
800'	(662' - 200m)
370'	(232' - 70m)

① FL 60 if pressure is less than 733 mm (977.3 hPa).

10

5

0

5

62-00 581'

764'

UL(R)-1825
UL(R)-195

61-50

33-50

34-00

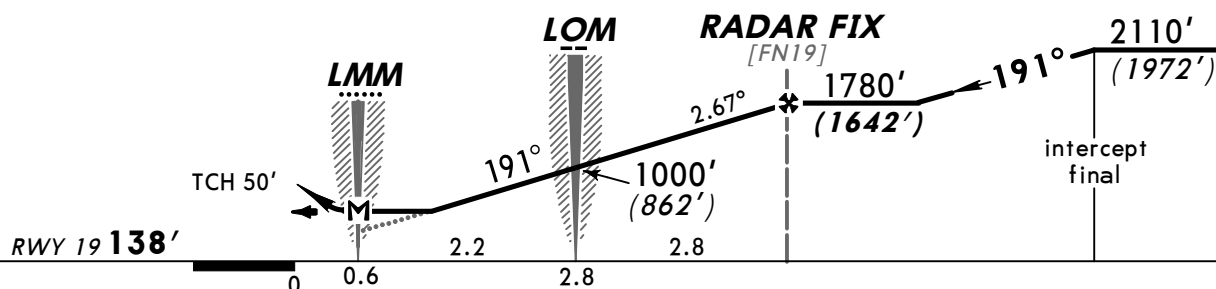
UL(R)-23

34-10

34-20

34-30

Pass LMM not below 370' (232').



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 2.67°	331	425	472	567	661	756
MAP at LMM						

ALS
PAPI

800'
(662')

011°
RT

2110'
(1972')

STRAIGHT-IN LANDING RWY 19

MDA(H) 500' (362')

ALS out

PANS OPS

A	
B	RVR 1500m VIS 1600m
C	
D	RVR 1800m VIS 2000m

*PETROZAVODSK Tower (PAR/TWR)

128.0

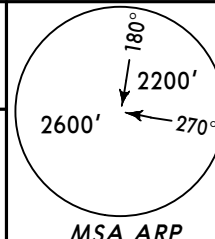
NDB
Q
*645

Final
Apch Crs
191°

Minimum Alt
RADAR FIX
1780' (1642')

MDA(H)
(CONDITIONAL)
730' (592')

Apt Elev 150'
RWY 138'



MISSED APCH: After passing LMM at 800' (662') or above turn RIGHT onto 011° climbing to 2110' (1972'), then according to chart.

Alt Set: MM (hPa on req)

QNH on req (QFE)

Trans level: FL 50 ①

Trans alt: 3110' (2972')

ALT/HEIGHT CONVERSION

QNH	(QFE)
3110' (2972' - 900m)	
2110' (1972' - 600m)	
1780' (1642' - 500m)	
800' (662' - 200m)	
370' (232' - 70m)	

① FL 60 if pressure is less than 733 mm (977.3 hPa).

10

5

0

5

62-00 581'

764'

UL(R)-1825
UL(R)-195

61-50

33-50

34-00

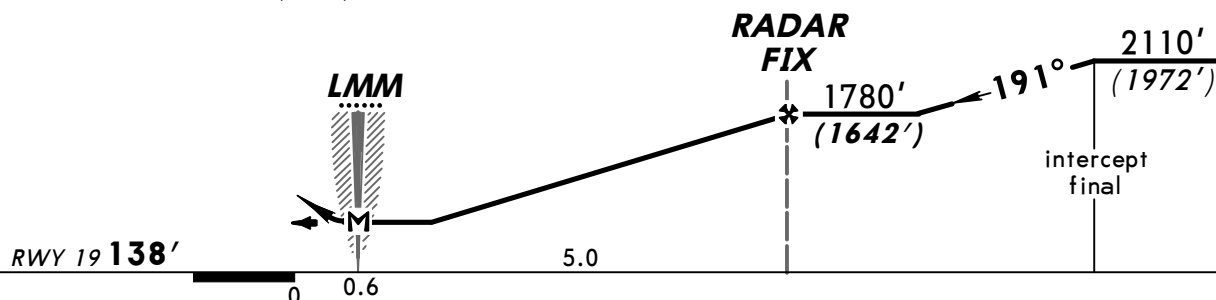
UL(R)-23

34-10

34-20

34-30

Pass LMM not below 370' (232').



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle	2.67°	331	425	472	567	661
MAP at LMM						

ALS
PAPI

MIM
800' (662')

011°
RT

2110' (1972')

STRAIGHT-IN LANDING RWY 19

	with FAF	w/o FAF
	MDA(H) 730' (592')	MDA(H) 980' (842')
A	RVR 1500m VIS 1600m	RVR 1500m VIS 1600m
B		RVR 1800m VIS 2000m
C	2400m	4000m
D	2800m	4400m

*PETROZAVODSK Tower (PAR/TWR)

128.0

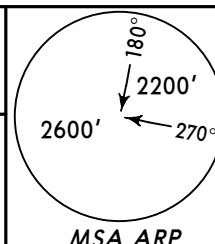
NDB
X
*645

Final
Apch Crs
191°

Minimum Alt
RADAR FIX
1780' (1642')

MDA(H)
(CONDITIONAL)
730' (592')

Apt Elev 150'
RWY 138'



MISSED APCH: After passing NDB at 800' (662') or above turn RIGHT onto 011° climbing to 2110' (1972'), then according to chart.

Alt Set: MM (hPa on req)

QNH on req (QFE)

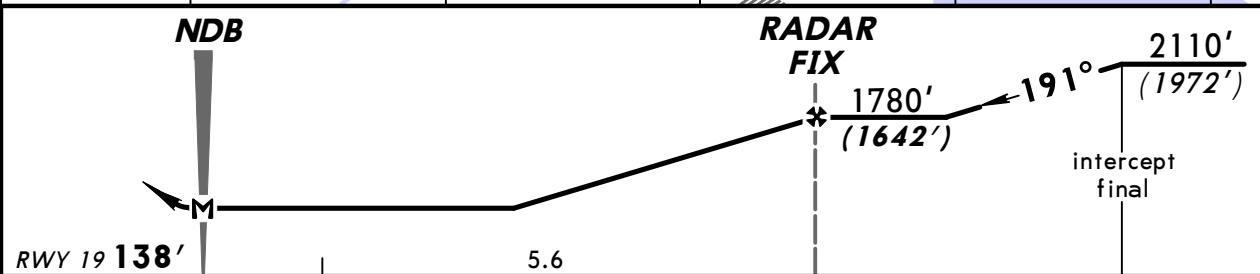
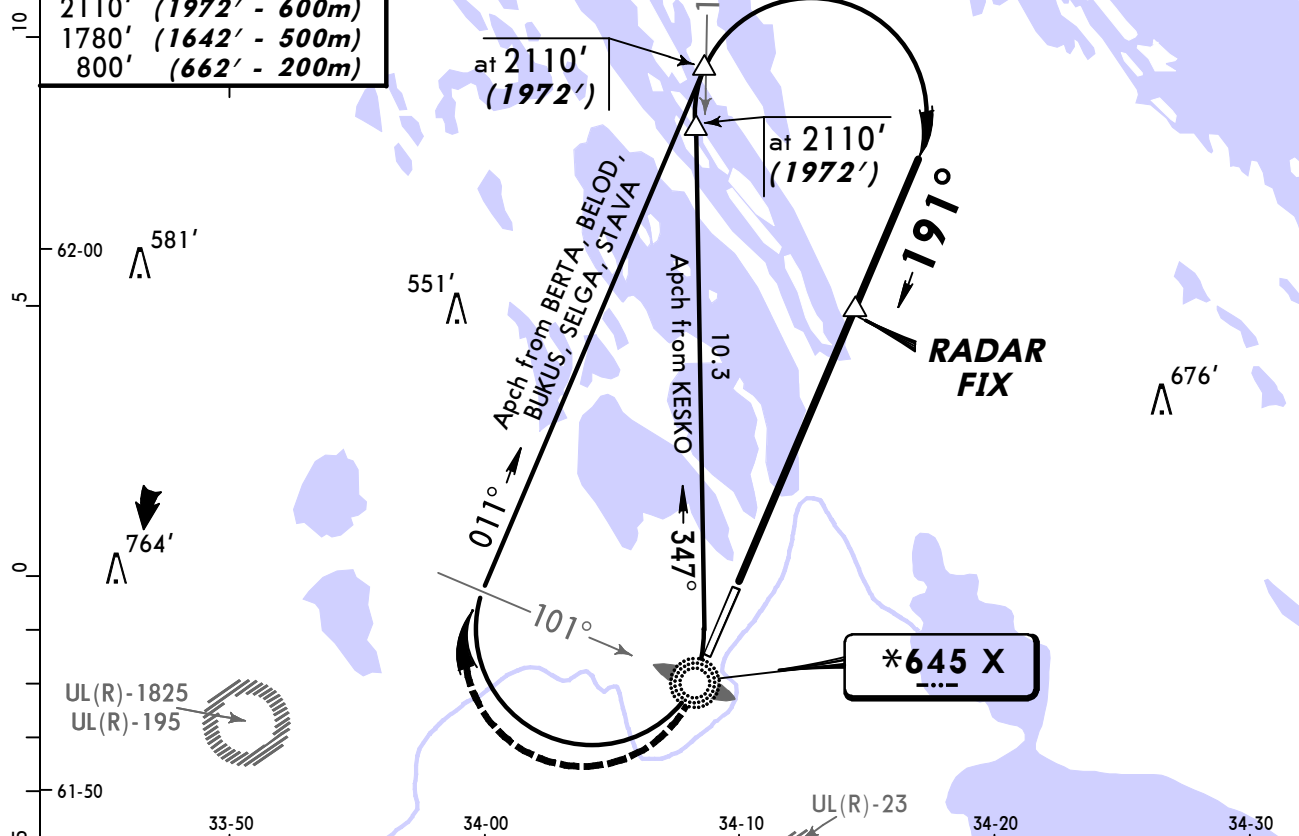
Trans level: FL 50 ①

Trans alt: 3110' (2972')

ALT/HEIGHT CONVERSION

QNH	(QFE)
3110' (2972' - 900m)	
2110' (1972' - 600m)	
1780' (1642' - 500m)	
800' (662' - 200m)	

① FL 60 if pressure is less than 733 mm (977.3 hPa).



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 2.67°	331	425	472	567	661	756
MAP at NDB						

ALS
PAPI

MIM
800' (662')

011°
RT

2110' (1972')

STRAIGHT-IN LANDING RWY 19

	with FAF	w/o FAF
	MDA(H) 730' (592')	MDA(H) 980' (842')
A	RVR 1500m	RVR 1500m VIS 1600m
B	VIS 1600m	RVR 1800m VIS 2000m
C	2400m	4000m
D	2800m	4400m

PETROZAVODSK, (BESOVETS - ULPB)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ULPB