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Revision Letter For Cycle 13-2016

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General Information

Location: PETROZAVODSK RUS
ICAO/IATA: ULPB / PES
Lat/Long: N61° 53.12', E034° 09.28'
Elevation: 151 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -4:00 = UTC
Magnetic Variation: 12.0° 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: 2354 Z
Sunset: 1935 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: 128.000

ULPB/PES
BESOVETS

19 JUL 13

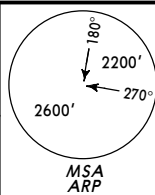
10-2

Eff 25 Jul

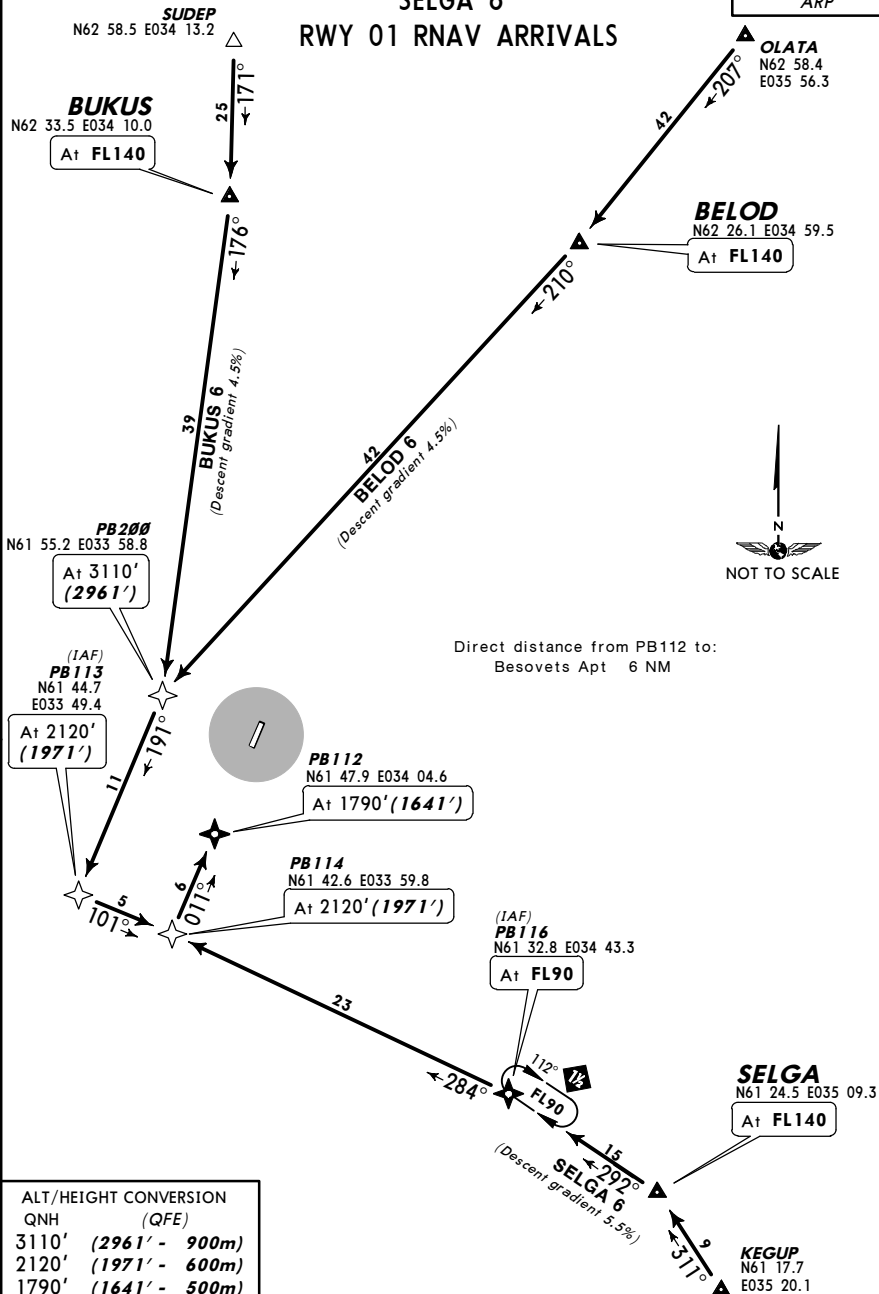
JEPPESSEN PETROZAVODSK, RUSSIA
RNAV STAR

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

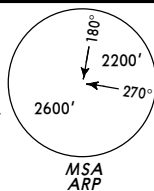


ULPB/PES
BESOVETS

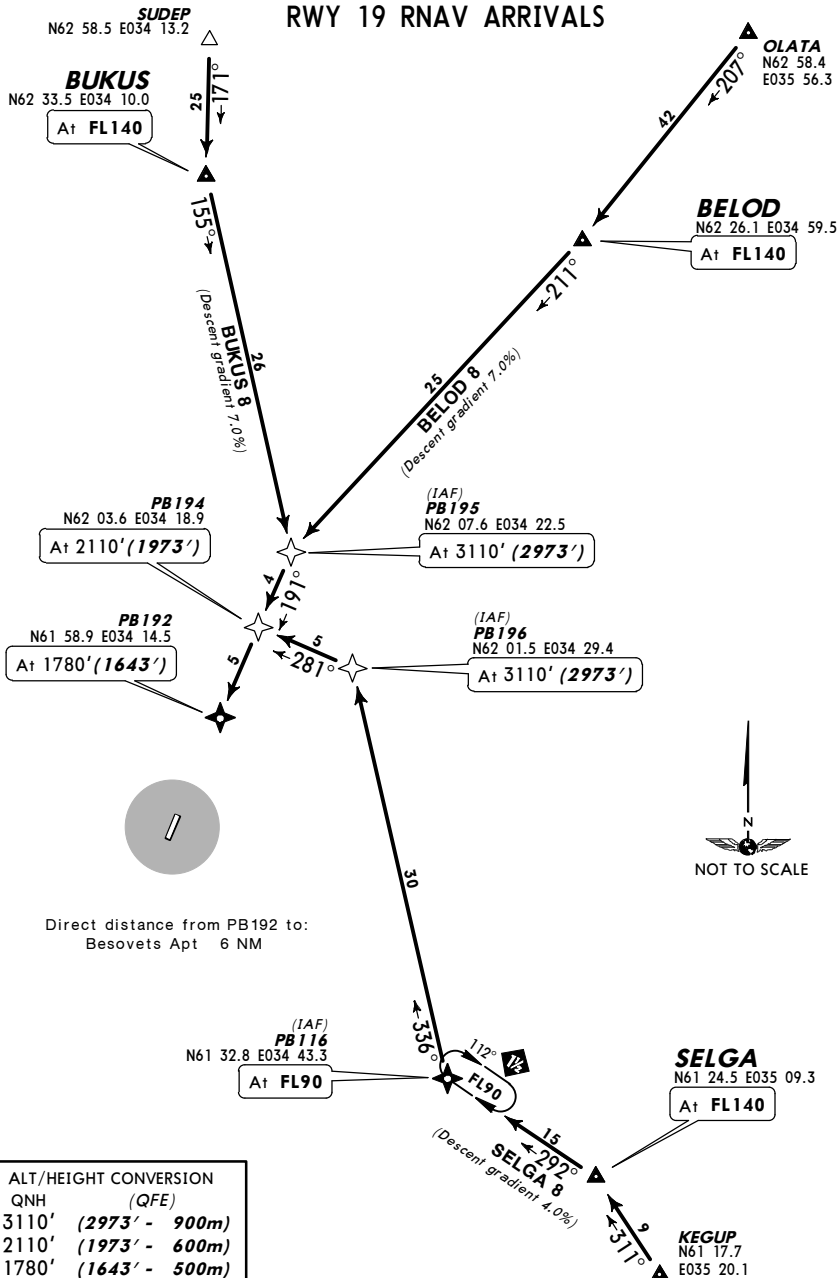
JEPPESSEN PETROZAVODSK, RUSSIA
19 JUL 13 **(10-2A)** **Eff 25 Jul** **RNAV STAR**

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



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

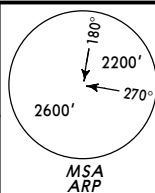
ULPB/PES
BESOVETS

JEPPESEN
19 JUL 13 (10-2B)

Eff 25 Jul
PETROZAVODSK, RUSSIA
RNAV STAR

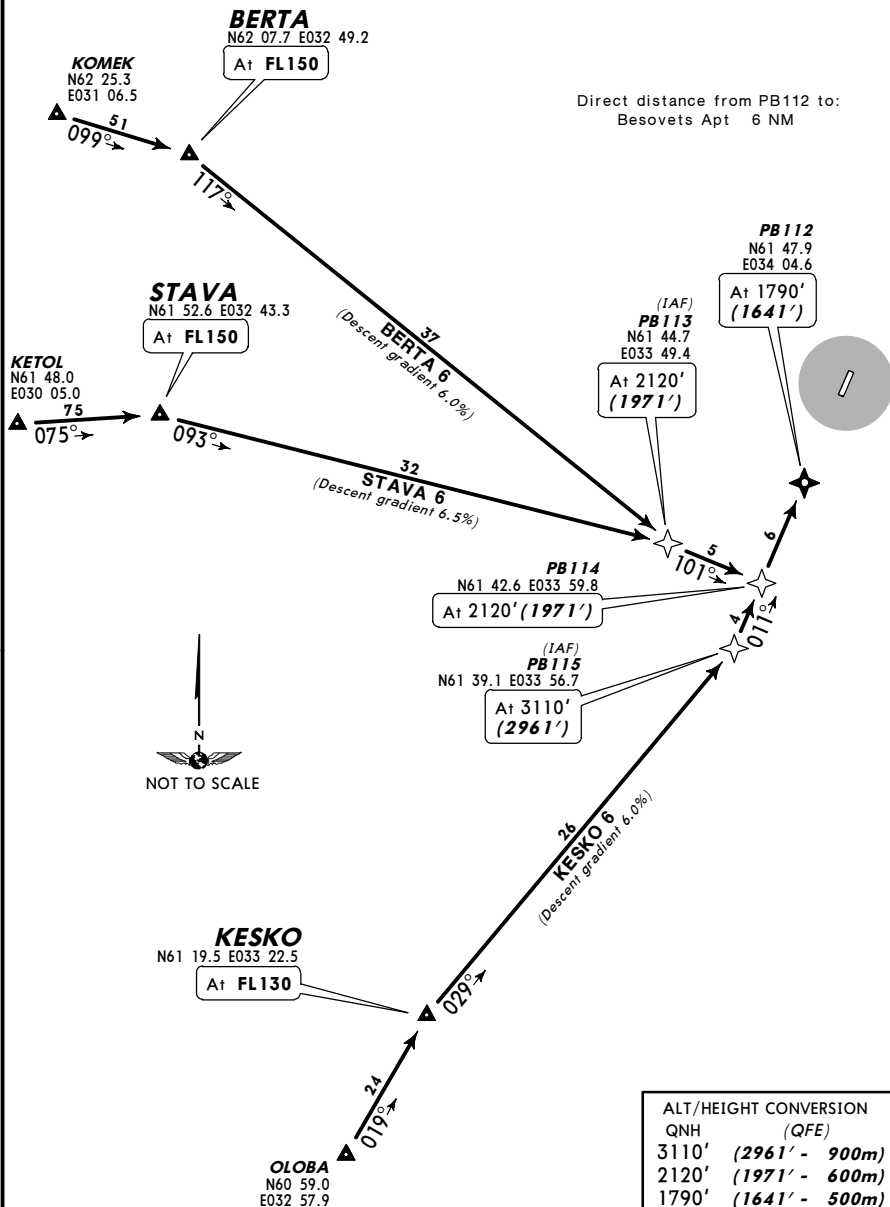
Apt Elev
150'

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

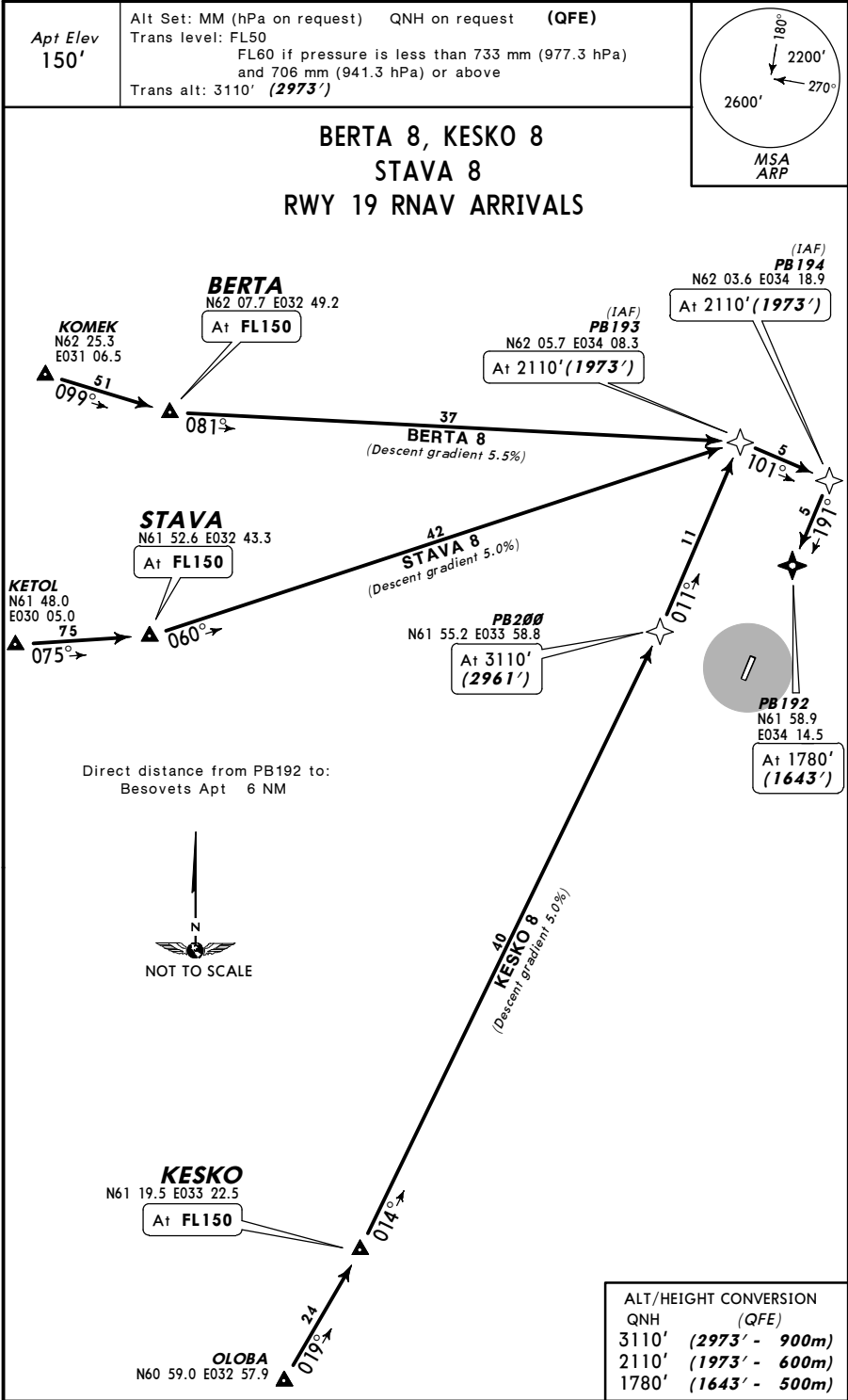
Direct distance from PB112 to:
Besovets Apt 6 NM



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

ULPB/PES
BESOVETS

JEPPESSEN PETROZAVODSK, RUSSIA
19 JUL 13 (10-2C) Eff 25 Jul RNAV STAR



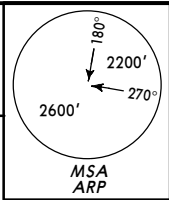
ULPB/PES
BESOVETS

JEPPESEN
23 AUG 13 (10-2D)

PETROZAVODSK, RUSSIA
STAR

Apt Elev
150'

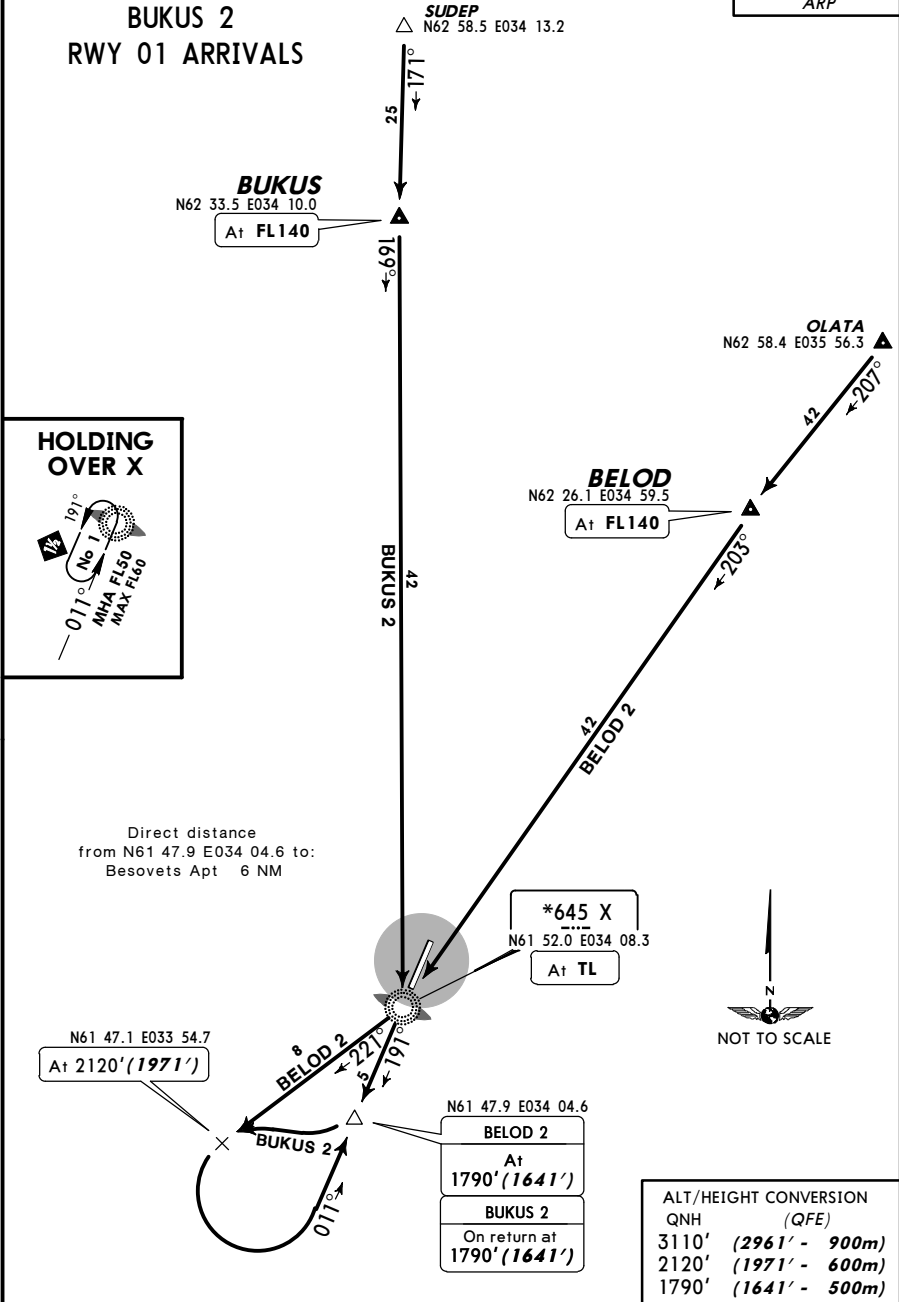
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL50
FL60 if pressure is less than 733 mm (977.3 hPa)
and 706 mm (941.3 hPa) or above
Trans alt: 3110' (2961')



BELOD 2
BUKUS 2
RWY 01 ARRIVALS

HOLDING
OVER X

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



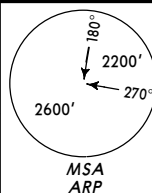
ULPB/PES
BESOVETS

JEPPESSEN
23 AUG 13 (10-2E)

PETROZAVODSK, RUSSIA
STAR

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')



SUDEP
N62 58.5
E034 13.2

25
171°
169°
168°

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

BUKUS
N62 33.5 E034 10.0
At FL140

OLATA
N62 58.4 E035 56.3

BELOD
N62 26.1 E034 59.5
At FL140



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')

*645 Q
N61 54.3 E034 10.4
At TL

*645 X
N61 52.0 E034 08.3
At TL

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

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

ULPB/PES
BESOVETS

19 JUL 13

JEPPESEN

10-3

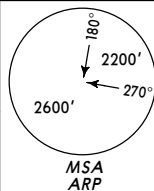
Eff 25 Jul

PETROZAVODSK, RUSSIA

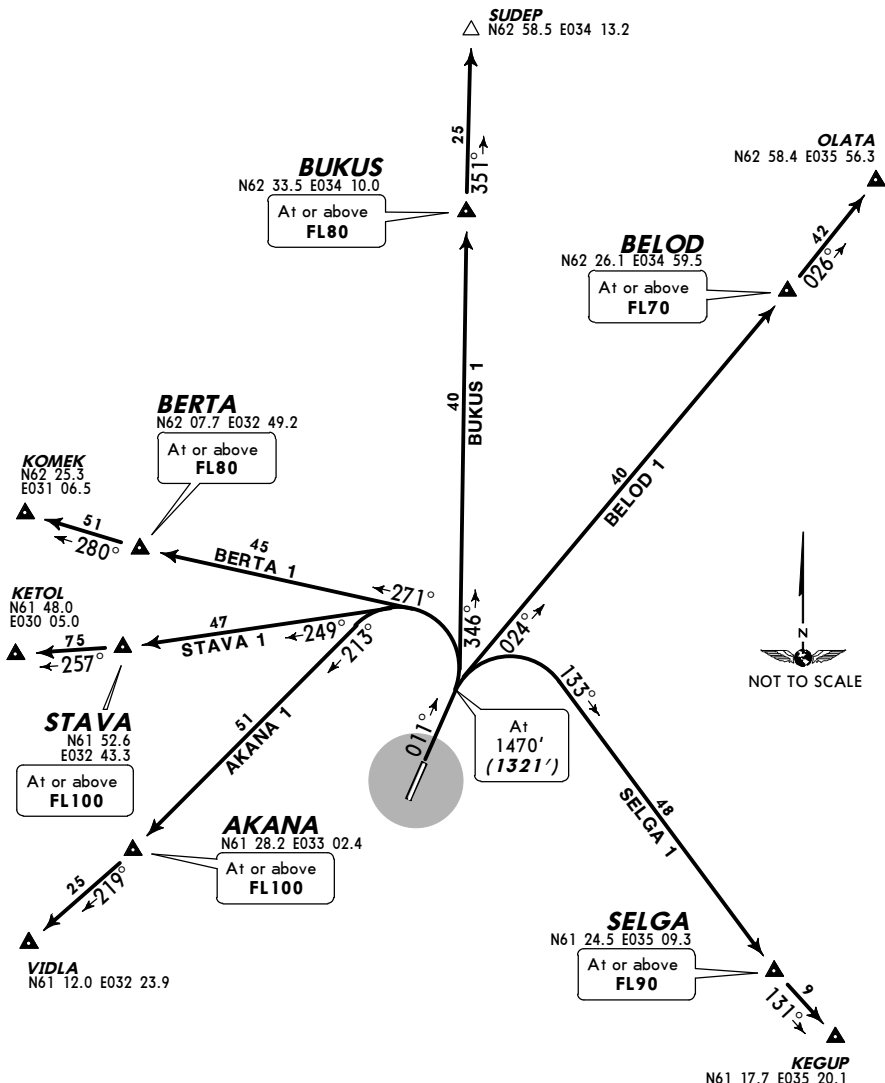
SID

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



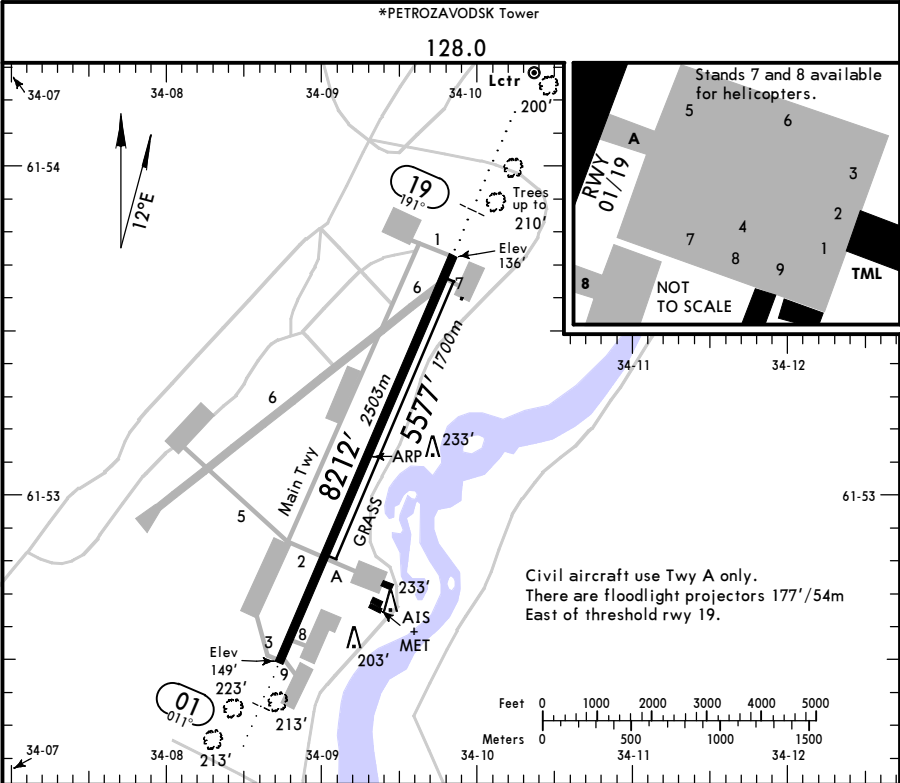
ALT/HEIGHT CONVERSION

QNH (QFE)
1470' (1321' - 400m)
3110' (2961' - 900m)

ULPB/PES
Apt Elev 150'
N61 53.1 E034 09.3

JEPPesen
12 JUL 13 (10-9) Eff 25 Jul

PETROZAVODSK, RUSSIA
BESOVETS



ADDITIONAL RUNWAY INFORMATION

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

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	250m	400m
B		
C	300m	
D		

ULPB/PES

 **JEPPESSEN**

12 JUL 13
Eff 25 Jul

10-9S

Standard

PETROZAVODSK, RUSSIA
BESOVETS

STRAIGHT-IN RWY		A	B	C	D
01	2 NDB ❶	570' (421')	570' (421')	570' (421')	570' (421')
		R1500m	R1500m	R1600m	R1600m
	ALS out	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')
19		C4300m	C4300m	C4500m	C4500m
	ALS out	C4700m	C4700m	C4900m	C4900m
	2 NDB ❶	500' (363')	500' (363')	500' (363')	500' (363')
		R1500m	R1500m	R1500m	R1500m
	ALS out	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
	ALS out	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		
A	RCLM (DAY only) or RL	NIL (DAY only)
B	400m	500m
C		
D		

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ULPB/PES
BESOVETS

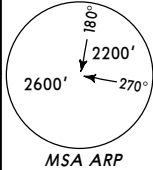
JEPPesen
12 JUL 13
Eff 25 Jul (16-4)

PETROZAVODSK, RUSSIA
BASED ON Q NDB NDB Rwy 19

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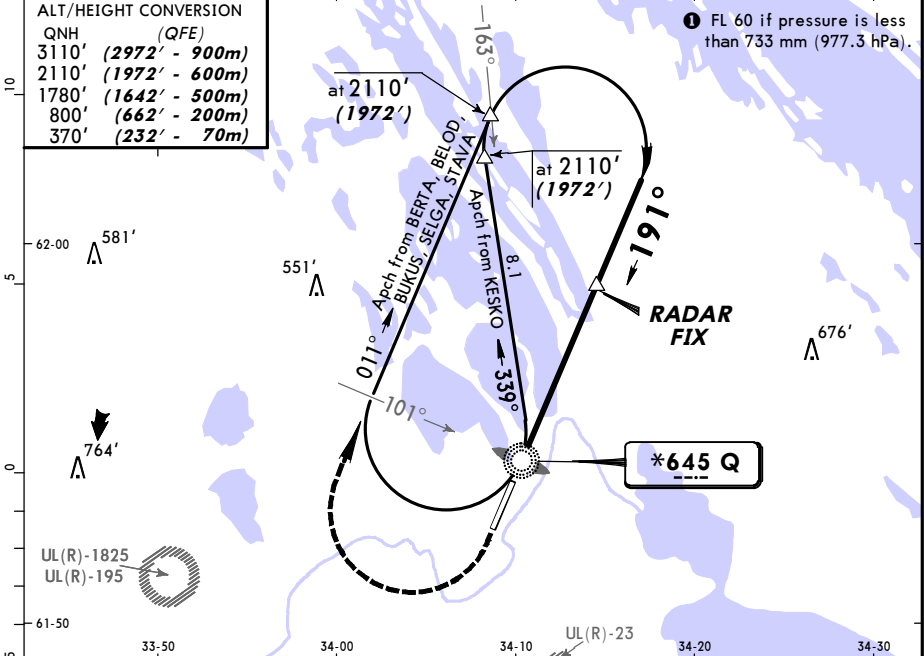
MISSED APCH: After passing LMM at 800' (662') or above turn RIGHT onto 011° climbing to 2110' (1972'), then according to chart.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 50 1 Trans alt: 3110' (2972')

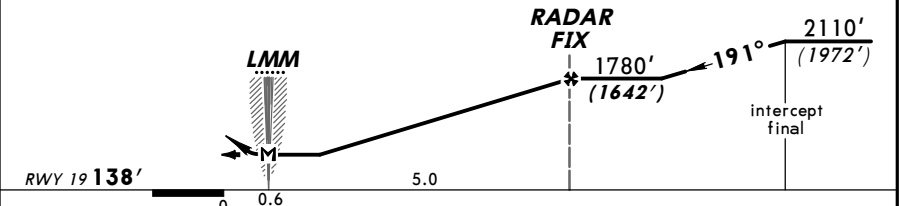
ALT/HEIGHT CONVERSION

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).



Pass LMM not below 370' (232').



Gnd speed-Kts	70	90	100	120	140	160	ALS	MIM 800' (662')	011°	2110' (1972')
Descent Angle	2.67°	331	425	472	567	661	PAPI		RT	
MAP at LMM										

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

CHANGES: Procedure transferred from 16-3. MSA. Procedure. Minimums.

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ULPB/PES
BESOVETS

12 JUL 13
Eff 25 Jul

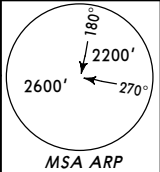
(16-5)

PETROZAVODSK, RUSSIA
BASED ON X NDB NDB Rwy 19

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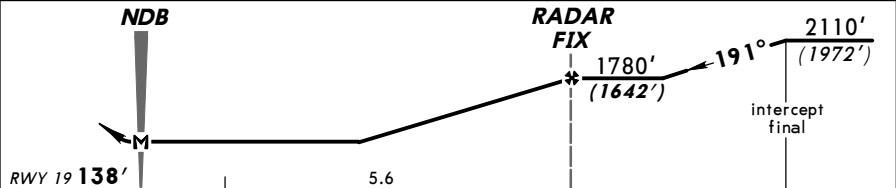
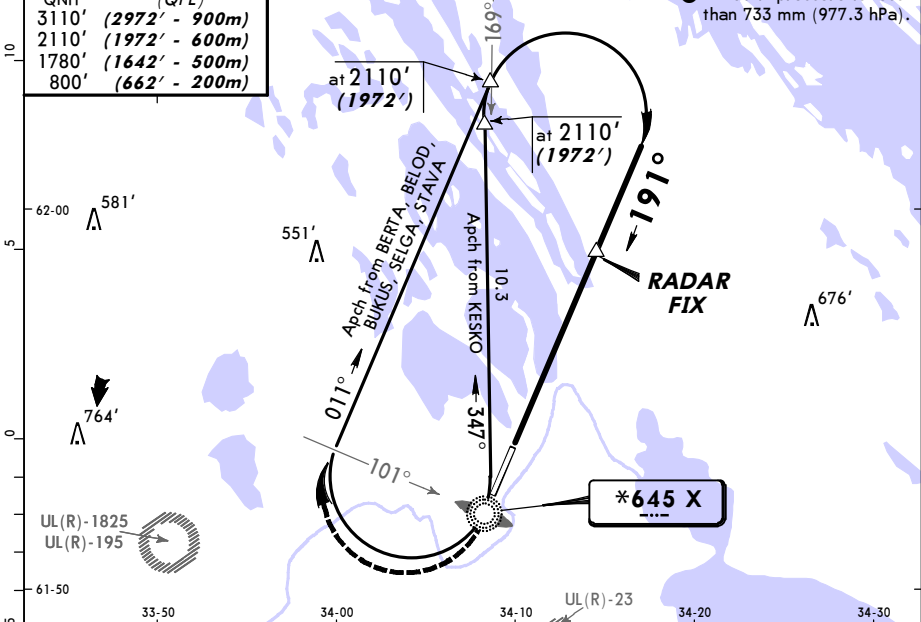
MISSED APCH: After passing NDB at 800' (662') or above turn RIGHT onto 011° climbing to 2110' (1972'), then according to chart.

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	ALS	MIM	011°	2110'
Descent Angle	2.67°	331	425	472	567	661	756	800' (662')	RT	(1972')
MAP at NDB										

STRAIGHT-IN LANDING RWY 19

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

Chart changes since cycle 12-2016

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
PETROZAVODSK, (BESOVETS - ULPB)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ULPB