

ULLI/LED **JEPPESEN** ST PETERSBURG, RUSSIA
PULKOVO 10 NOV 06 **(10-1P1)** **EFF 23 NOV** **AIRPORT BRIEFING**

1. GENERAL

- From Apron 3 shall be carried out by the permission of the Taxiling controller after Follow-me vehicle onto TWY B1 for crossing RWY 10L/28R. The flight crew shall changeover to Tower controller by the instruction of the Taxiling controller for crossing the RWY.
The flight crew shall report the vacation of RWY to Tower controller and, by his instruction, changeover to the Taxiling controller to continue taxiing after Follow-me vehicle along TWY B to TWY B5. By the instruction of the Taxiling controller the flight crew shall changeover to Tower controller and continue taxiing to red stop bar with '10L' sign.

Taxiling of ACFT for take-off from RWY 28R:

- From Apron 1 shall be carried out by the permission of the Taxiling controller after Follow-me vehicle to TWY B5 and then to the RIGHT along TWY B to red stop bar with '28R CAT III' sign. The flight crew shall changeover to Tower controller by the instruction of the Taxiling controller;
- From Apron 3 shall be carried out by the permission of the Taxiling controller after Follow-me vehicle along TWY B1 to red stop bar with '28R' sign. The flight crew shall changeover to Tower controller by the instruction of the Taxiling controller.

1.3. TAXI PROCEDURES

During ACFT landing on RWY 28R, when GP antenna is in operation, taxiing along Apron 5 and out of stands 113 and 114 is prohibited.

Through taxiing with wingspan not more than 144'/44m is allowed along TWY B5 and A3.

It is prohibited to use TWY B3, B4 and Apron 4 for taxiing onto RWY 10L/28R while ACFT is carrying out ILS approach.

Use of TWY B5 is strictly along centerline under inner engines only.

TWY B6 MAX wingspan 213'/65m.

Taxiing along TWY B6 shall be carried out at reduced speed, strictly along centerline, with increased crew's caution.

1.4. PARKING INFORMATION

Stands 26 and 71 available for engine run-up.

1.5. OTHER INFORMATION

Birds.

ULLI/LED **JEPPESEN** ST PETERSBURG, RUSSIA
PULKOVO 10 NOV 06 **(10-1P2)** **EFF 23 NOV** **AIRPORT BRIEFING**

2. ARRIVAL

2.1. NOISE ABATEMENT PROCEDURES

2.1.1. GENERAL

Noise abatement procedures shall be executed by all ACFT, deviations are permitted only for safety reasons.

2.1.2. APPROACH PHASE

Restrictions

Between 2300-0700LT RWYs 28R/L are preferential for landing, depending on meteorological and air traffic conditions.

RWY 28R/L special approach procedures

During RWY 28R/L approach-to-land before reaching 11.3 NM from touchdown (CRP KOLPI) ACFT shall proceed at a height not below 3040' (2962') at circuit speed and with clean configuration of wing devices and landing gear.

From 11.3 NM from touchdown ACFT shall descend to 2050' (1972'). Before intercepting glide path ACFT shall extend landing gear and wing devices into intermediate position at 15-30° angle (IAS and angles of wing devices depending on ACFT type and mass).

After glide path interception and commencement of descending to 1400' (1322') pilots shall maintain IAS V = 165KT +/- 20KT but not less than established by the aeroplane flight manual.

At 1400' (1322') and final approach speed pilots shall complete wing devices setting into landing position and ACFT stabilization in landing configuration before crossing LOM. ACFT shall be completely stabilized before crossing LOM and pilots shall maintain final approach IAS till touchdown taking into account ACFT mass.

2.2. CAT II/III OPERATIONS

RWY 10R approved for CAT II operations, RWY 10L/28R approved for CAT II/III operations, special aircrew and ACFT certification required.

ULLI/LED 10 NOV 06 **JEPPESEN** ST PETERSBURG, RUSSIA
PULKOVO (10-1P3) EFF 23 NOV AIRPORT BRIEFING

3. DEPARTURE

3.1. START-UP PROCEDURES

Use vacant area on apron 4 before ILS border for start-up.

3.2. SPEED RESTRICTIONS

MAX 270 KT below FL98.

3.3. NOISE ABATEMENT PROCEDURES

3.3.1. GENERAL

Noise abatement procedures shall be executed by all ACFT, deviations are permitted only for safety reasons.

3.3.2. TAKE-OFF AND CLIMBING PHASE

Noise abatement procedures shall not be executed in following cases:

- availability of wind shear;
- moderate turbulence;
- icing.

Restrictions

Between 2300-0700L RWYs 10R/L are preferential for take-off, depending on meteorological and air traffic conditions.

ACFT with IAS more than 165KT departing RWY 28R/L shall carry out take-off from RWY beginning according to the noiseless take-off procedures defined by aeroplane flight manual.

The use of following SIDs is permitted only by ATC instruction:

LUD 1B, LUD 2B, LUD 1W, LUD 2W
LKO 3B, LKO 4B

Unless otherwise instructed by ATC, while carrying out take-off from RWY 10R/L, ACFT shall carry out initial turn at 3040'(2962'), climb to FL49, establish communication with PULKOVO Krug on frequency 120.3 before passing 1560'(1482').

Unless otherwise instructed by ATC, while carrying out take-off from RWY 28R/L, ACFT shall carry out initial turn at 740'(662'), climb to FL49, establish communication with PULKOVO Krug on frequency 120.3 before passing 1560'(1482').

During take-off from RWYs 28R/L ATC controller is permitted to instruct about height of initial turn commencement within the range from 740'(662') to 3040'(2962'), except ACFT departing via SID with 'A' index.

During take-off of CAT A and B ACFT from RWYs 10R/L ATC controller is permitted to instruct ACFT departing via SID with 'M' and 'L' indexes about the height of initial turn commencement within the range from 740'(662') to 3040'(2962').

All ACFT departing RWYs 10R/L and 28R/L via SID with 'A' index shall commence initial turn at a distance not closer than 5.4 NM.

SIDs with '1A' and '2A' indexes shall carry out initial turn with following restrictions:

- bank is limited to 25°;
- IAS is limited to 245KT.

Special take-off procedures

Pilots shall apply two special take-off and climb procedures: NADP1 and NADP2. The pilot in command may use any of them for reaching necessary effect (ICAO Doc 8168, Volume 1, Part V, Chapter 3).

ULLI/LED 10 NOV 06 **JEPPESEN** ST PETERSBURG, RUSSIA
PULKOVO (10-1P) EFF 23 NOV AIRPORT BRIEFING

1. GENERAL

1.1. ATIS

ATIS 127.3

1.2. LOW VISIBILITY PROCEDURES

1.2.1. GENERAL

Low visibility procedures shall be applied when RVR is 1000m or less.

The procedures shall be announced as 'Low Visibility Procedures in Progress' transmitted on ATIS or ATIS unit frequencies.

CAT I, II and IIIA instrument approach procedures shall be implemented under the following meteorological conditions:

CAT I: DH is less than 80m, but not less than 60m. RVR is less than 1000m, but not less than 50m.

CAT II: DH is less than 60m, but not less than 30m. RVR is less than 550m, but not less than 350m.

CAT IIIA: DH is less than 30m, but not less than 15m. RVR is less than 350m, but not less than 200m.

After landing under low visibility conditions the flight crew must report the execution of landing, the vacation of RWY and ILS critical area to Tower controller after passing the last yellow light of the alternate green and yellow TWY centerline lights.

1.2.2. STANDARD TAXI ROUTES OF ACFT OPERATING CAT IIIA FLIGHTS

1.2.2.1. LANDING

The flight crew shall vacate RWY 10L

- along TWY B2 or along TWY B1 and taxi to Apron 3;

- along TWY B and taxi to Apron 1.

ACFT shall be met after arrival by Follow-me vehicle as follows:

- on TWY B2 or B1 when taxiing to Apron 3;

- on TWY B when taxiing to Apron 1.
- after passing the last yellow light of the alternate green and yellow TWY centerline lights.

The flight crew shall vacate RWY 28R

- along TWY B and taxi along TWY B5 to Apron 1;

- along TWY B and B1 and taxi to Apron 3.

ACFT shall be met after arrival by Follow-me vehicle on TWY B after passing the last yellow light of the alternate green and yellow TWY centerline lights.

ACFT taxiing to Apron 3 must request a permission to cross RWY 10L/28R from Tower controller before the red stop bar with '28R CAT III' sign and the established DAY marking. It is prohibited to cross the RWY during taxiing without Tower controller's permission. RWY vacaton shall be reported to Tower controller.

1.2.2.2. DEPARTURE

Taxiing on the apron and along TWY shall be carried out only after Follow-me vehicle.

After passing the red stop bar, the Follow-me vehicle shall perform inspection of the RWY, by the permission of Tower controller, for the purpose of excluding the presence of unauthorized objects on it.

Taxiing of ACFT for take-off from RWY 10L:

- From Apron 1 shall be carried out by the permission of the Taxiing controller after follow-me vehicle to TWY B5.

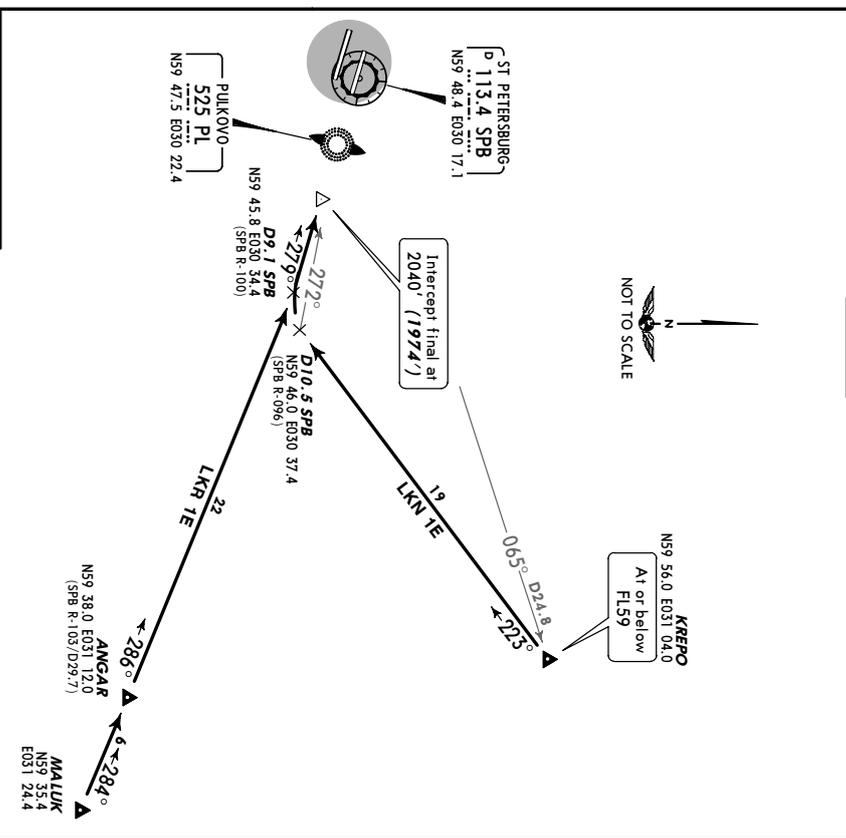
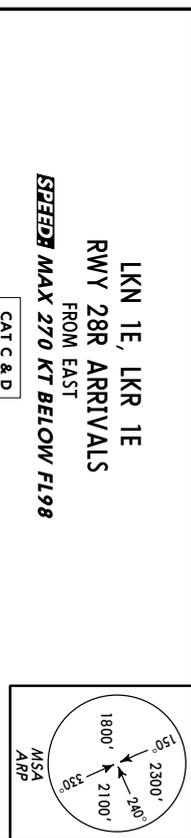
The flight crew shall changeover to Tower controller by the instruction of the Taxiing controller and continue taxiing to red stop bar with '10L' sign;

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10 NOV 06 (10-2) **EFF 23 NOV** **STAR**

JEPPesen ST PETERSBURG, RUSSIA

ATIS *127.3 (Russian 127.4)	Ap'l Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2974')
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FL CONVERSION

FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION

QNH (QFE)	
3040' (2974' - 900m)	
2040' (1974' - 600m)	

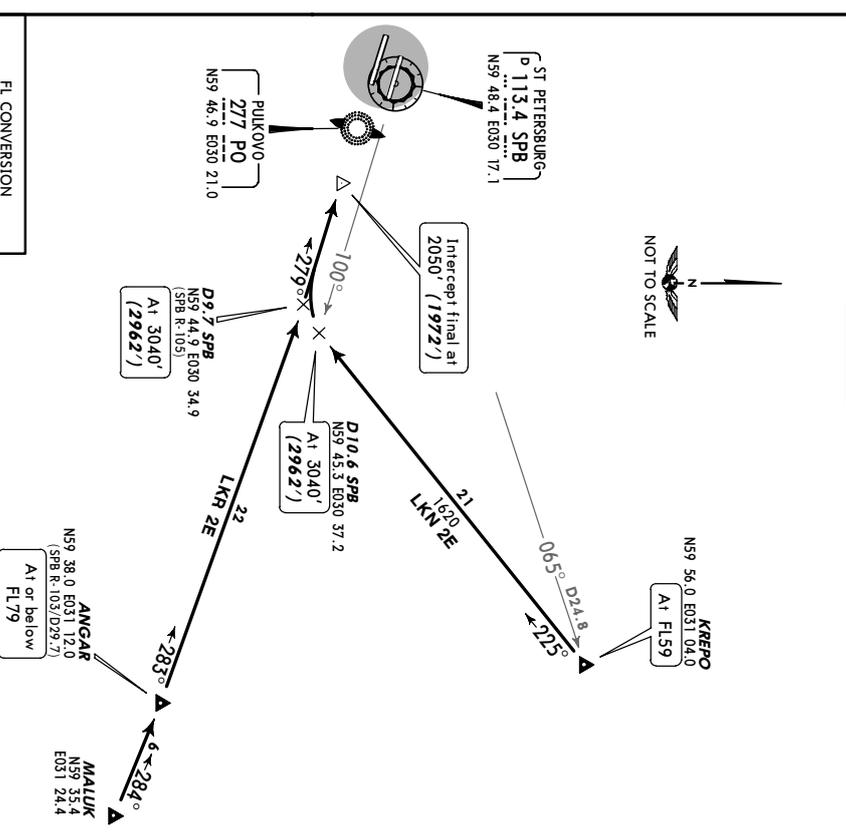
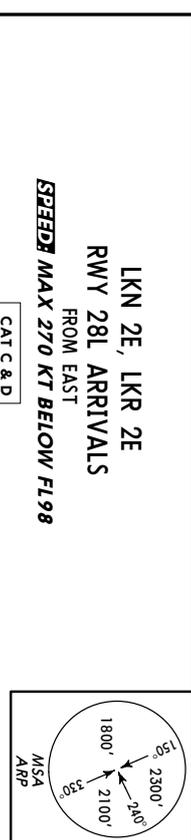
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10 NOV 06 (10-2A) **EFF 23 NOV** **STAR**

JEPPesen ST PETERSBURG, RUSSIA

ATIS *127.3 (Russian 127.4)	Ap'l Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2962')
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FL CONVERSION

FL98	FL3000m
FL79	FL2400m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION

QNH (QFE)	
3040' (2962' - 900m)	
2050' (1972' - 600m)	

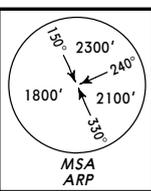
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10 NOV 06 (10-2B) EFF 23 NOV

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ATIS *127.3 (Russian 127.4)	Alt Elev 78' Trans alt: 3040' (2975')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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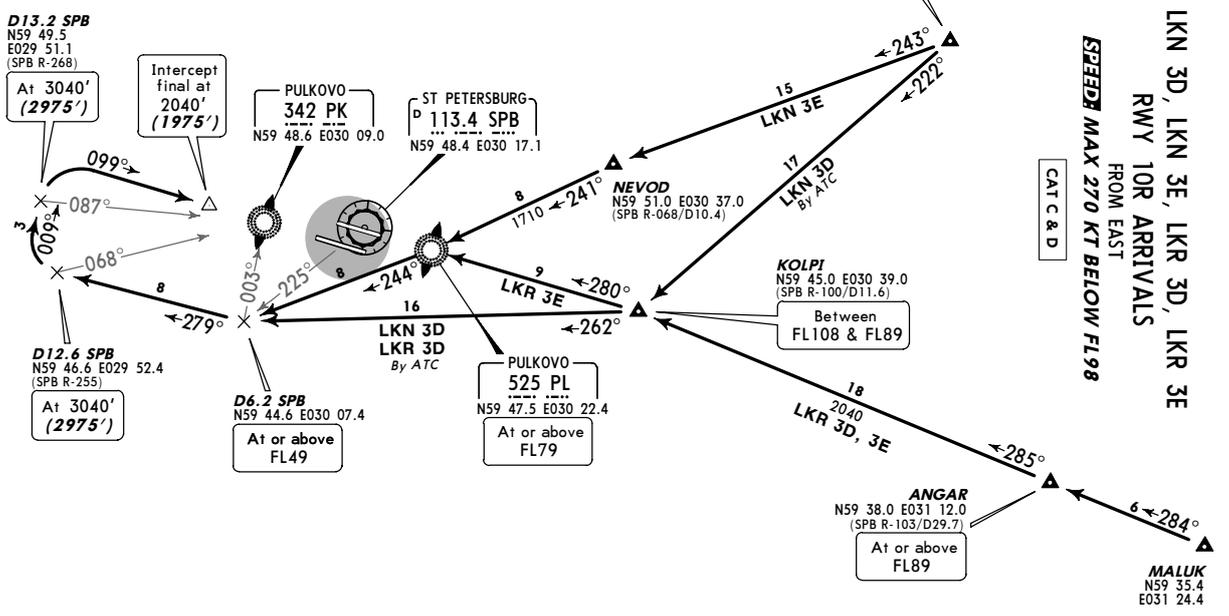


LKN 3D, LKN 3E, LKR 3D, LKR 3E
RWY 10R ARRIVALS
FROM EAST
SPEEDS MAX 270 KT BELOW FL98
CAT C & D



FL CONVERSION	
FL108	FL3300m
FL98	FL3000m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION	
QNH (QFE)	
3040' (2975' - 900m)	
2040' (1975' - 600m)	



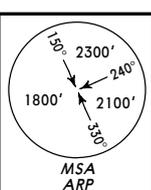
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10 NOV 06 (10-2C) EFF 23 NOV

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ATIS *127.3 (Russian 127.4)	Alt Elev 78' Trans alt: 3040' (2979')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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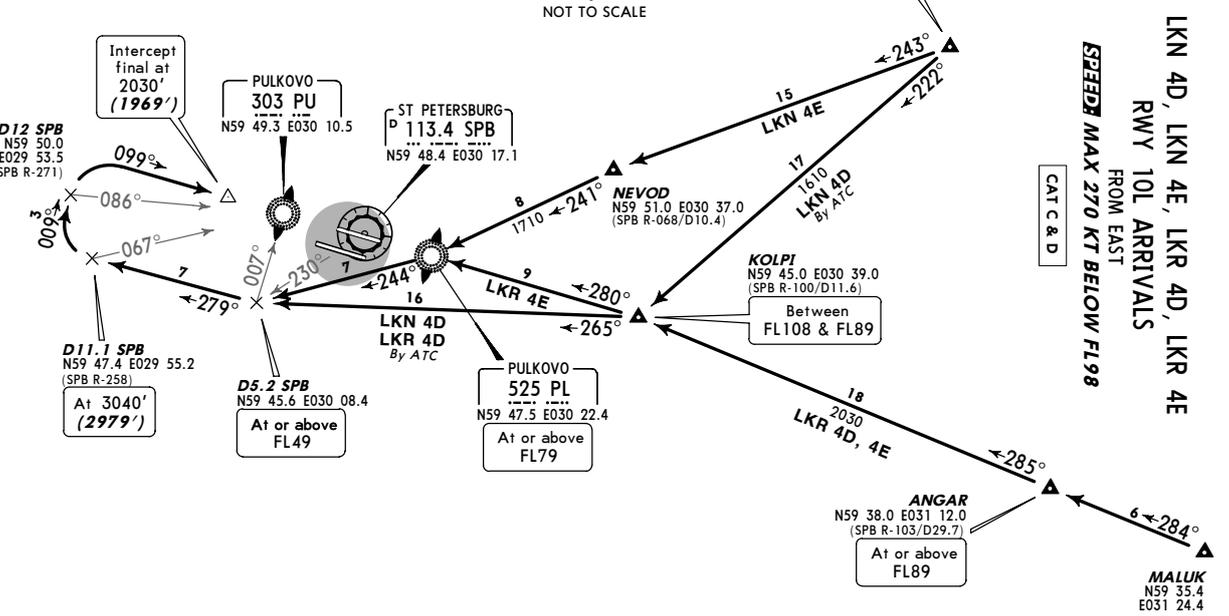


LKN 4D, LKN 4E, LKR 4D, LKR 4E
RWY 10L ARRIVALS
FROM EAST
SPEEDS MAX 270 KT BELOW FL98
CAT C & D



FL CONVERSION	
FL108	FL3300m
FL98	FL3000m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

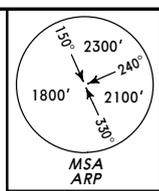
ALT/HEIGHT CONVERSION	
QNH (QFE)	
3040' (2979' - 900m)	
2030' (1969' - 600m)	



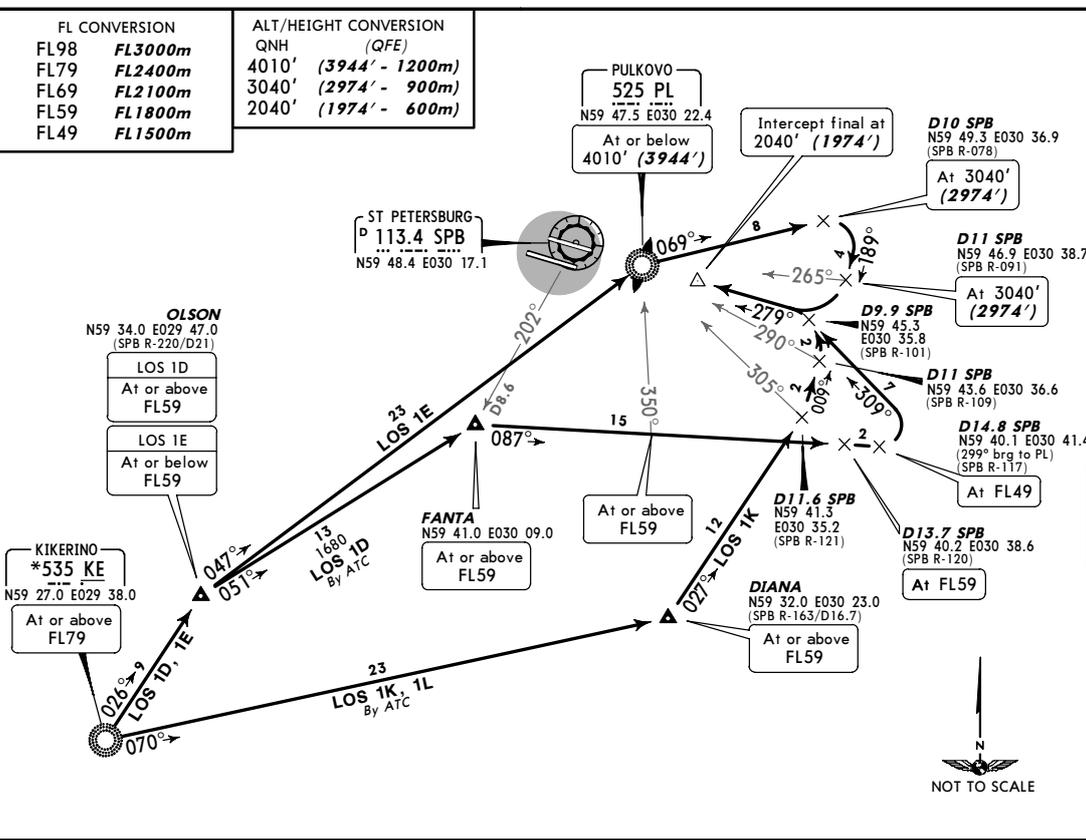
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 10 NOV 06 (10-2D) EFF 23 NOV
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ATIS *127.3 (Russian) 127.4	Appl Elev 78' Trans alt: 3040' (2974')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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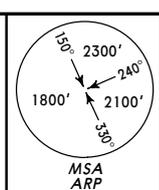


LOS 1D, LOS 1E, LOS 1K, LOS 1L
RWY 28R ARRIVALS
 FROM SOUTHWEST
SPEEDS MAX 270 KT BELOW FL98
 CAT C & D

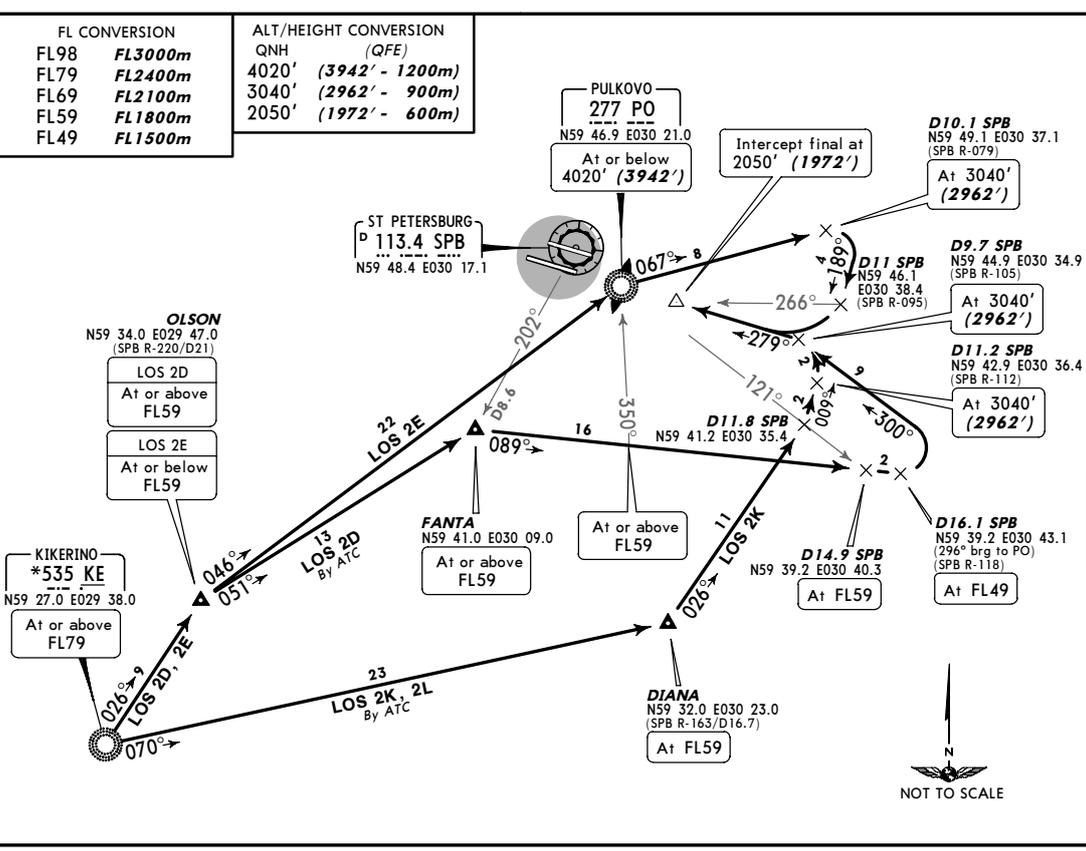


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 10 NOV 06 (10-2E) EFF 23 NOV
JEPPesen ST PETERSBURG, RUSSIA
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ATIS *127.3 (Russian) 127.4	Appl Elev 78' Trans alt: 3040' (2962')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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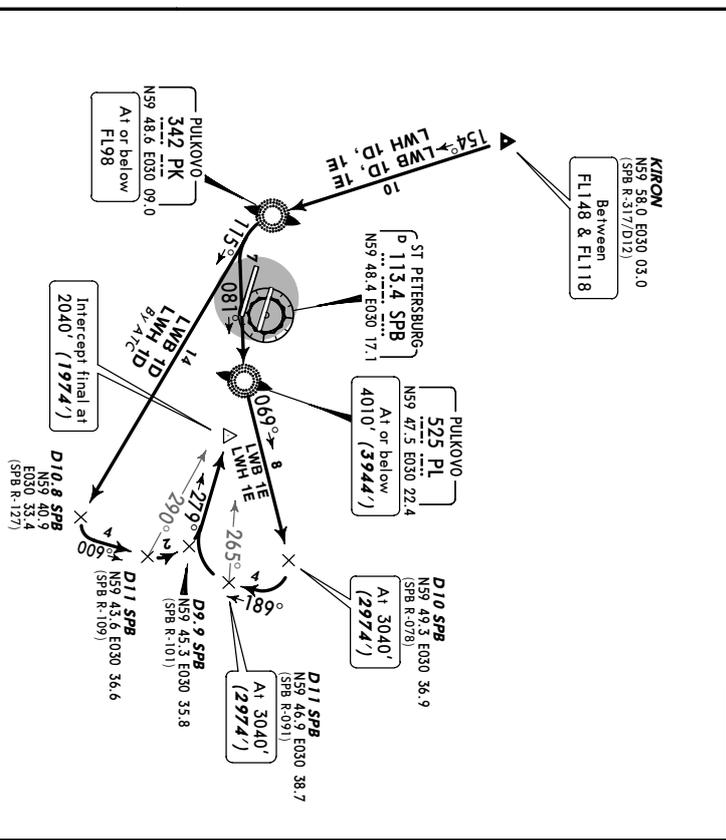
LOS 2D, LOS 2E, LOS 2K, LOS 2L
RWY 28L ARRIVALS
 FROM SOUTHWEST
SPEEDS MAX 270 KT BELOW FL98
 CAT C & D



ULLI/LED
PULKOVO

ATIS *127.3 (Russian 127.4)	Alt Elev 78' Trans alt: 3040' (2974')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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LWB 1D, LWB 1E, LWH 1D, LWH 1E
RWY 28R ARRIVALS
 FROM NORTHWEST
SPEED MAX 270 KT BELOW FL98
 CAT C & D



FL CONVERSION FL148 FL4500m FL118 FL3600m FL98 FL3000m FL69 FL2100m FL59 FL1800m FL49 FL1500m	ALT/HEIGHT CONVERSION QNH (QFE) 4010' (3944' - 1200m) 3040' (2974' - 900m) 2040' (1974' - 600m)
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NOT TO SCALE

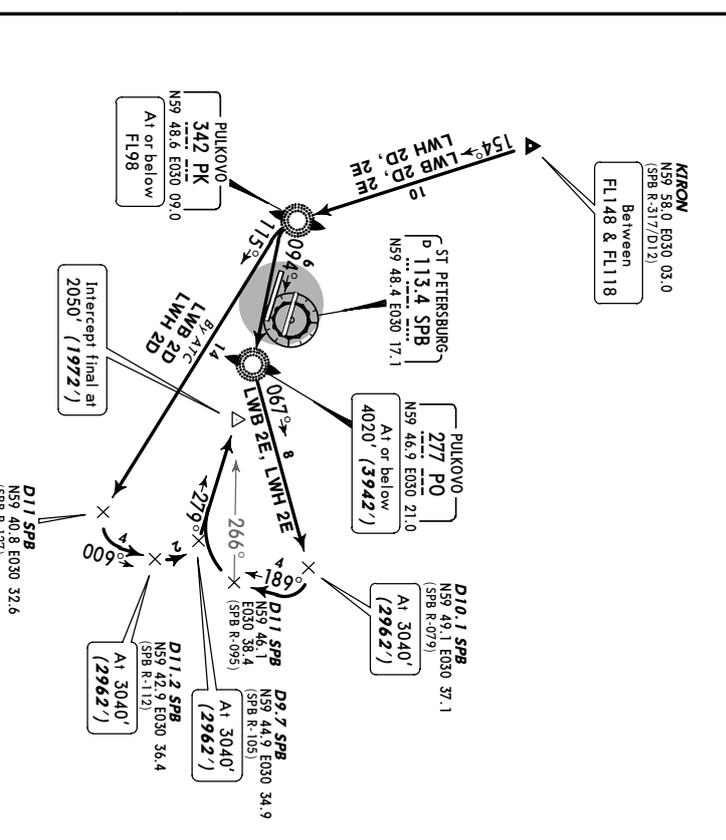
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PULKOVO

ATIS *127.3 (Russian 127.4)	Alt Elev 78' Trans alt: 3040' (2962')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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LWB 2D, LWB 2E, LWH 2D, LWH 2E
RWY 28L ARRIVALS
 FROM NORTHWEST
SPEED MAX 270 KT BELOW FL98
 CAT C & D



FL CONVERSION FL148 FL4500m FL118 FL3600m FL98 FL3000m FL69 FL2100m FL59 FL1800m FL49 FL1500m	ALT/HEIGHT CONVERSION QNH (QFE) 4020' (3942' - 1200m) 3040' (2962' - 900m) 2050' (1972' - 600m)
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NOT TO SCALE

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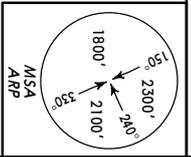
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10 NOV 06 (10-21) EFF 23 Nov **STAR**

ATIS *127.3 (Russian 127.4)	Alt Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
Trans alt: 3040' (2975')		

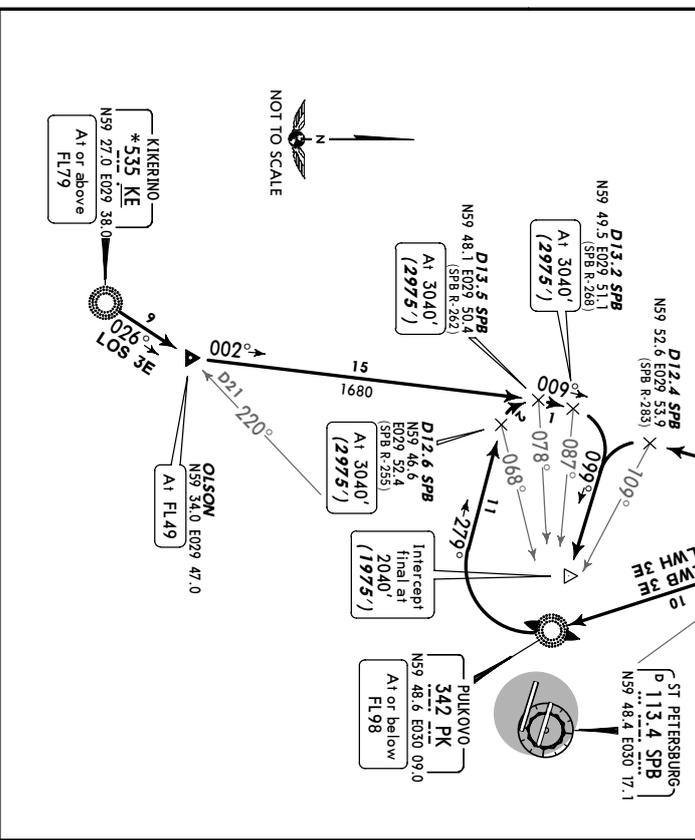
LOS 3E, LWB 3D, LWB 3E, LWH 3D, LWH 3E
RWY 10R ARRIVALS
FROM SOUTHWEST & NORTHWEST
SPEED MAX 270 KT BELOW FL98

CAT C & D



FL CONVERSION
FL148 FL4500m
FL118 FL3600m
FL98 FL3000m
FL79 FL2400m
FL69 FL2100m
FL59 FL1800m
FL49 FL1500m

ALT/HEIGHT CONVERSION
QNH (QFE)
3040' (2975' - 900m)
2040' (1975' - 600m)



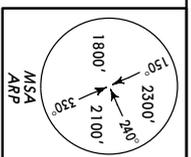
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PULKOVO

JEPPesen ST PETERSBURG, RUSSIA
10 NOV 06 (10-21) EFF 23 Nov **STAR**

ATIS *127.3 (Russian 127.4)	Alt Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
Trans alt: 3040' (2979')		

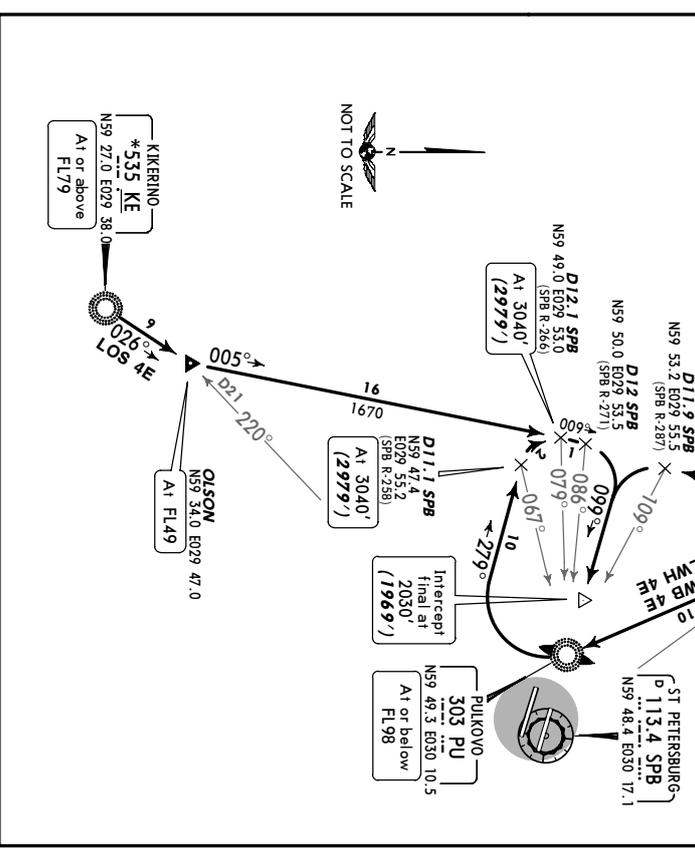
LOS 4E, LWB 4D, LWB 4E, LWH 4D, LWH 4E
RWY 10L ARRIVALS
FROM SOUTHWEST & NORTHWEST
SPEED MAX 270 KT BELOW FL98

CAT C & D



FL CONVERSION
FL148 FL4500m
FL118 FL3600m
FL98 FL3000m
FL79 FL2400m
FL69 FL2100m
FL59 FL1800m
FL49 FL1500m

ALT/HEIGHT CONVERSION
QNH (QFE)
3040' (2979' - 900m)
2030' (1969' - 600m)



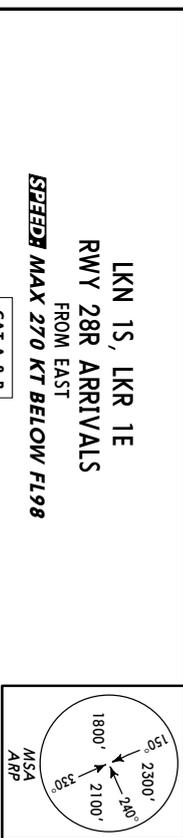
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10 NOV 06 **(10-2K)** **EFF 23 NOV**

JEPPesen ST PETERSBURG, RUSSIA

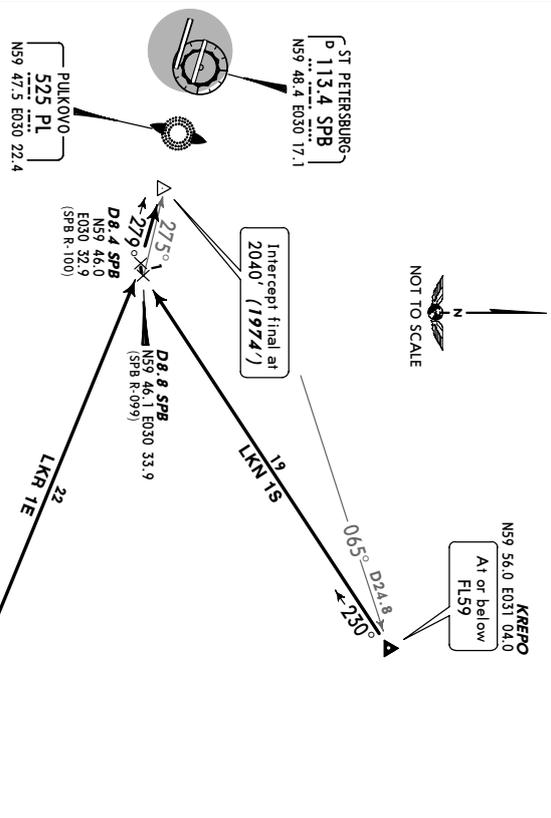
STAR

ATIS *127.3 (Russian) 127.4	Appr Elev 78' Trans alt.: 3040' (2974')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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WARNING
 Descent as directed by ATC.

LKN 1S, LKR 1E
RWY 28R ARRIVALS
 FROM EAST
SPEEDS MAX 270 KT BELOW FL98
CAT A & B



FL CONVERSION

FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION

QNH (QFE)	3040' (2974' - 900m)
2040' (1974' - 600m)	

CHANGES: New chart.

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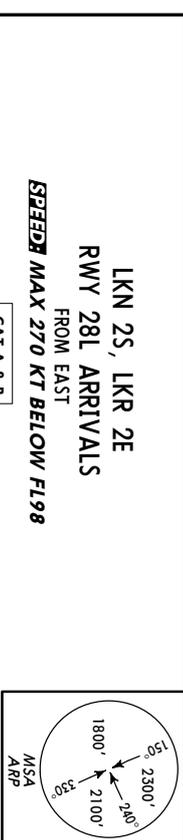
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10 NOV 06 **(10-2L)** **EFF 23 NOV**

JEPPesen ST PETERSBURG, RUSSIA

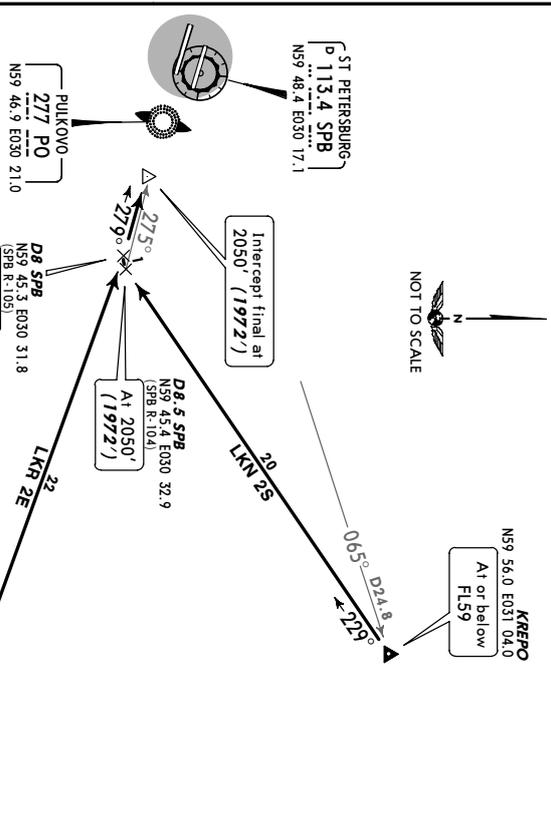
STAR

ATIS *127.3 (Russian) 127.4	Appr Elev 78' Trans alt.: 3040' (2962')	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
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WARNING
 Descent as directed by ATC.

LKN 2S, LKR 2E
RWY 28L ARRIVALS
 FROM EAST
SPEEDS MAX 270 KT BELOW FL98
CAT A & B



FL CONVERSION

FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m

ALT/HEIGHT CONVERSION

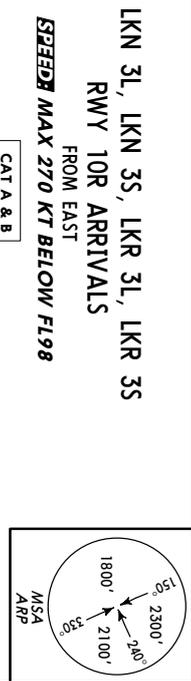
QNH (QFE)	3040' (2962' - 900m)
2050' (1972' - 600m)	

CHANGES: New chart.

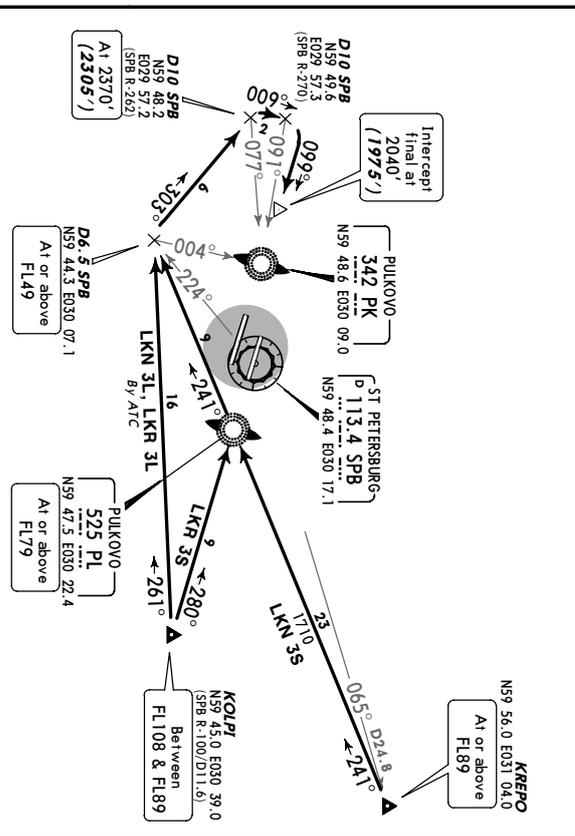
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Ulli/LED
PULKOVO

ATIS *127.3 (Russian) 127.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
API/Elev 78' 127.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)



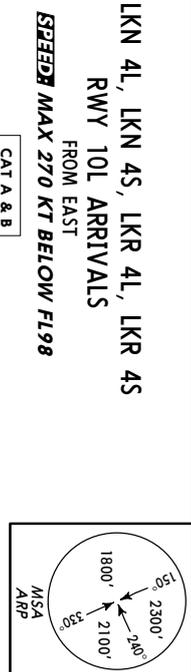
WARNING
 Descent as directed by ATC.



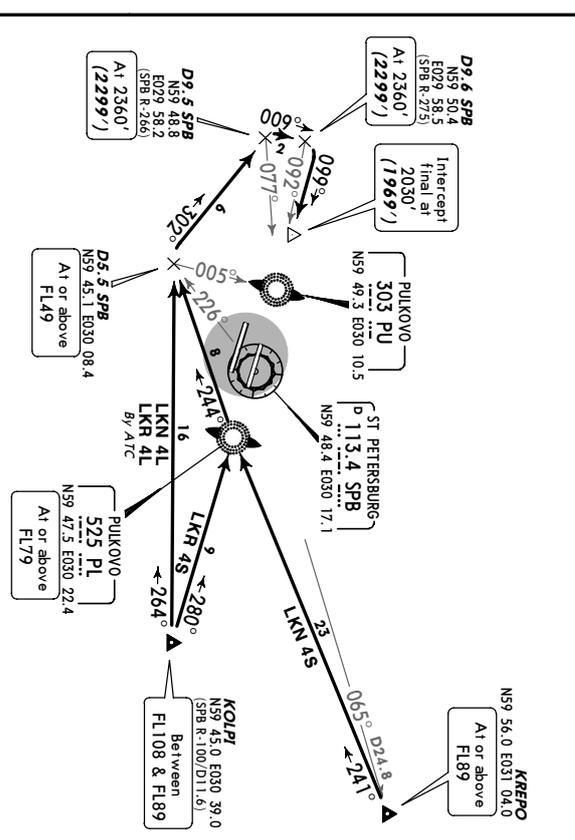
FL CONVERSION FL108 FL3300m FL98 FL3000m FL89 FL2700m FL79 FL2400m FL69 FL2100m FL59 FL1800m FL49 FL1500m	ALT/HEIGHT CONVERSION QNH (QFE) 3040' (2975' - 900m) 2370' (2305' - 700m) 2040' (1975' - 600m)
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Ulli/LED
PULKOVO

ATIS *127.3 (Russian) 127.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
API/Elev 78' 127.4	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)



WARNING
 Descent as directed by ATC.



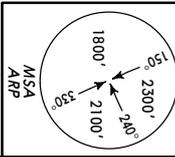
FL CONVERSION FL108 FL3300m FL98 FL3000m FL89 FL2700m FL79 FL2400m FL69 FL2100m FL59 FL1800m FL49 FL1500m	ALT/HEIGHT CONVERSION QNH (QFE) 3040' (2979' - 900m) 2360' (2299' - 700m) 2030' (1969' - 600m)
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ULLI/LED
PULKOVO

ATIS *127.3 (Russian) 127.4	Appl Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2974')
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LOS 1L, LOS 1S, LWB 1L, LWB 1S, LWH 1L, LWH 1S
RWY 28R ARRIVALS
FROM SOUTHWEST & NORTHWEST
SPEED MAX 270 KT BELOW FL98

WARNING
 Descent as directed by ATC.



KIRON
 NS9 58.0 E030 03.0
 (SPB R-317/D12)
 Between
 FL148 & FL118

ST PETERSBURG
 p 113.4 SPB
 NS9 48.4 E030 17.1
 Intercept
 final at
 2040'
 (1974')

D8.4 SPB
 NS9 48.0 E030 33.8
 (SPB R-086)
 At 2040'
 (1974')

D8.6 SPB
 NS9 43.8 E030 31.6
 (SPB R-115)
 At 2040'
 (1974')

PULKOVO
 NS9 47.3 E030 22.4
 (SPB R-220/D21)
 At or below
 3040' (2974')

OLSON
 NS9 34.0 E029 47.0
 (SPB R-220/D21)
 At or below
 FL59

DIANA
 NS9 32.0 E030 23.0
 (SPB R-163/D16.7)
 At or above
 FL59

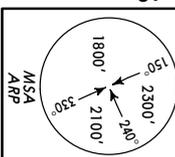
FL CONVERSION	
FL148	FL4500m
FL118	FL3600m
FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3040' (2974' - 900m)	2040' (1974' - 600m)

ULLI/LED
PULKOVO

ATIS *127.3 (Russian) 127.4	Appl Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2962')
--------------------------------------	------------------	---

LOS 2L, LOS 2S, LWB 2L, LWB 2S, LWH 2L, LWH 2S
RWY 28L ARRIVALS
FROM SOUTHWEST & NORTHWEST
SPEED MAX 270 KT BELOW FL98

WARNING
 Descent as directed by ATC.



KIRON
 NS9 58.0 E030 03.0
 (SPB R-317/D12)
 Between
 FL148 & FL118

ST PETERSBURG
 p 113.4 SPB
 NS9 48.4 E030 17.1
 Intercept
 final at
 2050'
 (1972')

D7.9 SPB
 NS9 47.3 E030 32.6
 (SPB R-091)
 At 2050'
 (1972')

D8.6 SPB
 NS9 45.7 E030 33.2
 (SPB R-101)
 At 2050'
 (1972')

PULKOVO
 NS9 46.9 E030 21.0
 (SPB R-220/D21)
 At or below
 3040' (2962')

OLSON
 NS9 34.0 E029 47.0
 (SPB R-220/D21)
 At or below
 FL59

DIANA
 NS9 32.0 E030 23.0
 (SPB R-163/D16.7)
 At or below
 FL59

FL CONVERSION	
FL148	FL4500m
FL118	FL3600m
FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3040' (2962' - 900m)	2050' (1972' - 600m)

ULLI/LED
PULKOVO

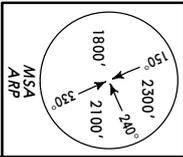
10 NOV 06 **(10-25)** **EFF 23 NOV**

JEPPesen ST PETERSBURG, RUSSIA
STAR

ATIS *127.3 (Russian 127.4)	App/Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2975')
--------------------------------------	-----------------	---

LOS 3S, LWB 3L, LWB 3S, LWH 3L, LWH 3S
RWY 10R ARRIVALS
FROM SOUTHWEST & NORTHWEST
SPEED MAX 270 KT BELOW FL98

CAT A & B



WARNING
 Descent as directed by ATC.

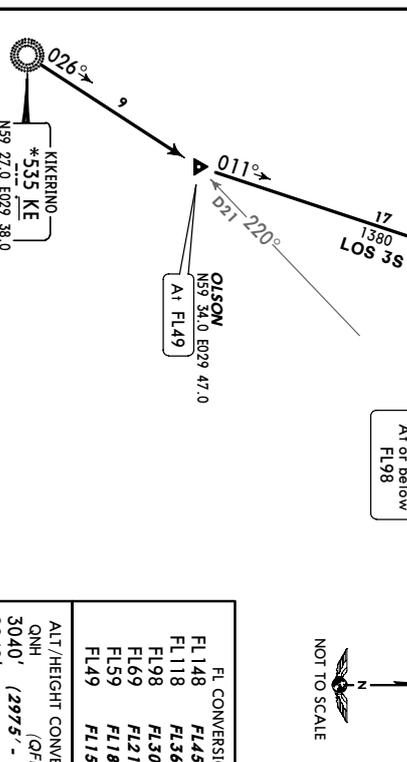
D15.9 SPB
 N60 01.4 E029 58.9
 (SPB R-318)
 By ATC

KIRON
 N59 58.0 E030 03.0
 Between
 FL148 & FL118

Intercept final at
 2040' (1975')

ST PETERSBURG
 P 113.4 SPB
 N59 48.4 E030 17.1

PULKOVO
 342 PK
 N59 48.6 E030 09.0
 At or below
 FL98



FL CONVERSION	
FL148	FL4500m
FL118	FL3600m
FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3040' (2975' - 900m)	
2040' (1975' - 600m)	

ULLI/LED
PULKOVO

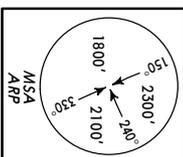
10 NOV 06 **(10-21)** **EFF 23 NOV**

JEPPesen ST PETERSBURG, RUSSIA
STAR

ATIS *127.3 (Russian 127.4)	App/Elev 78'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2979')
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LOS 4S, LWB 4L, LWB 4S, LWH 4L, LWH 4S
RWY 10L ARRIVALS
FROM SOUTHWEST & NORTHWEST
SPEED MAX 270 KT BELOW FL98

CAT A & B



WARNING
 Descent as directed by ATC.

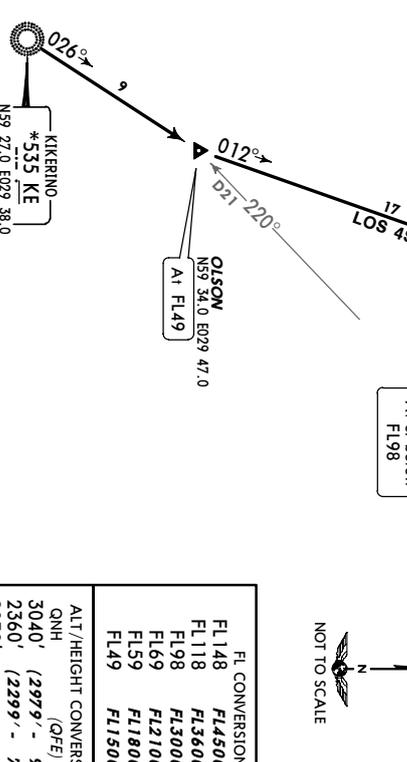
D15.9 SPB
 N60 01.4 E029 58.9
 (SPB R-318)
 By ATC

KIRON
 N59 58.0 E030 03.0
 Between
 FL148 & FL118

Intercept final at
 2030' (1969')

ST PETERSBURG
 P 113.4 SPB
 N59 48.4 E030 17.1

PULKOVO
 303 PU
 N59 49.3 E030 10.5
 At or below
 FL98

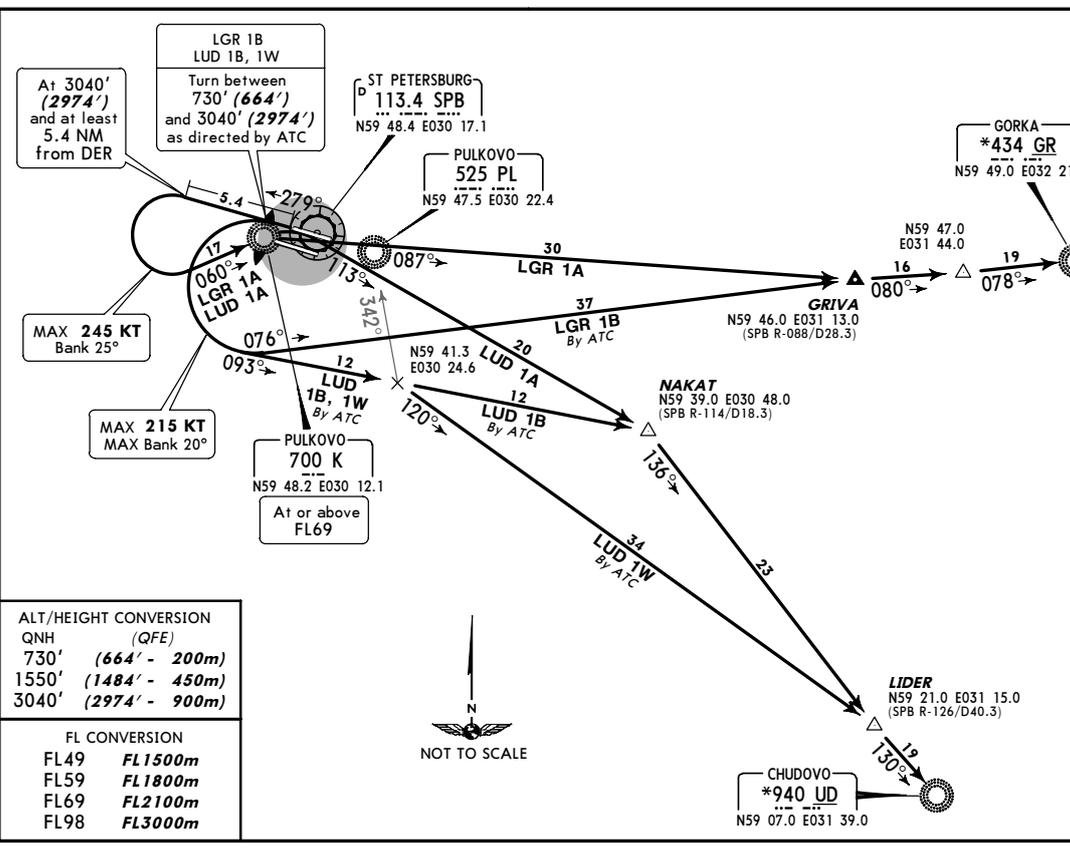


FL CONVERSION	
FL148	FL4500m
FL118	FL3600m
FL98	FL3000m
FL69	FL2100m
FL59	FL1800m
FL49	FL1500m
ALT/HEIGHT CONVERSION	
QNH	(QFE)
3040' (2979' - 900m)	
2360' (2299' - 700m)	
2030' (1969' - 600m)	

ULLI/LED
PULKOVO
 10 NOV 06 (10-3) **EFF 23 NOV**
JEPPESEN ST PETERSBURG, RUSSIA
SID

PULKOVO Krug 120.3	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 735 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
Appt Elev 78'	Trans alt: 3040' (2974') 1. Unless otherwise instructed climb to FL49, contact PULKOVO Krug before passing 1550' (1484'). 2. Crossings at AWY entry points by ATC.

LGR 1A, LGR 1B, LUD 1A, LUD 1B, LUD 1W
RWY 28R DEPARTURES
SPEED MAX 270 KT BELOW FL98
 TO EAST



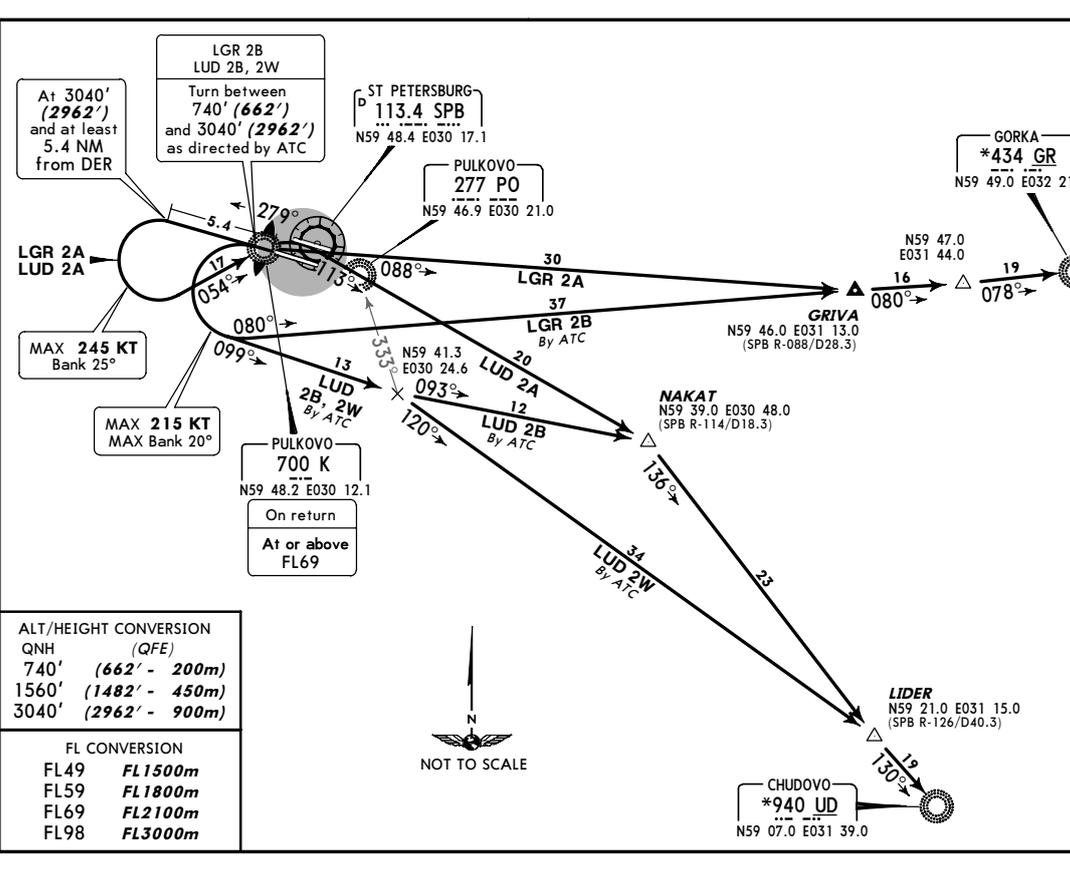
ALT/HEIGHT CONVERSION	
QNH	(QFE)
730'	(664' - 200m)
1550'	(1484' - 450m)
3040'	(2974' - 900m)
FL CONVERSION	
FL49	FL1500m
FL59	FL1800m
FL69	FL2100m
FL98	FL3000m

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ULLI/LED
PULKOVO
 10 NOV 06 (10-3A) **EFF 23 NOV**
JEPPESEN ST PETERSBURG, RUSSIA
SID

PULKOVO Krug 120.3	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 735 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa)
Appt Elev 78'	Trans alt: 3040' (2962') 1. Unless otherwise instructed climb to FL49, contact PULKOVO Krug before passing 1560' (1482'). 2. Crossings at AWY entry points by ATC.

LGR 2A, LGR 2B, LUD 2A, LUD 2B, LUD 2W
RWY 28L DEPARTURES
SPEED MAX 270 KT BELOW FL98
 TO EAST



ALT/HEIGHT CONVERSION	
QNH	(QFE)
740'	(662' - 200m)
1560'	(1482' - 450m)
3040'	(2962' - 900m)
FL CONVERSION	
FL49	FL1500m
FL59	FL1800m
FL69	FL2100m
FL98	FL3000m

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ULLI/LED
PUKOVO
 10 NOV 06 (10-3B) **EFF 23 NOV** **JEPPesen** **ST PETERSBURG, RUSSIA** **SID**

PUKOVO Krug 120.3	Ap1 Elev 78'	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) 1. Unless otherwise instructed climb to FL49, contact PUKOVO Krug before passing 1550' (1485'). 2. Crossings at AWY entry points by ATC.
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ALT/HEIGHT CONVERSION QNH (QFE) 1550' (1485' - 450m) 3040' (2975' - 900m)	FL CONVERSION FL49 FL1500m FL59 FL1800m FL69 FL2100m FL98 FL3000m
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ULLI/LED
PUKOVO
 10 NOV 06 (10-3C) **EFF 23 NOV** **JEPPesen** **ST PETERSBURG, RUSSIA** **SID**

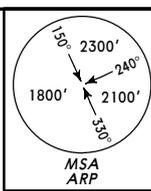
PUKOVO Krug 120.3	Ap1 Elev 78'	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) 1. Unless otherwise instructed climb to FL49, contact PUKOVO Krug before passing 1540' (1479'). 2. Crossings at AWY entry points by ATC.
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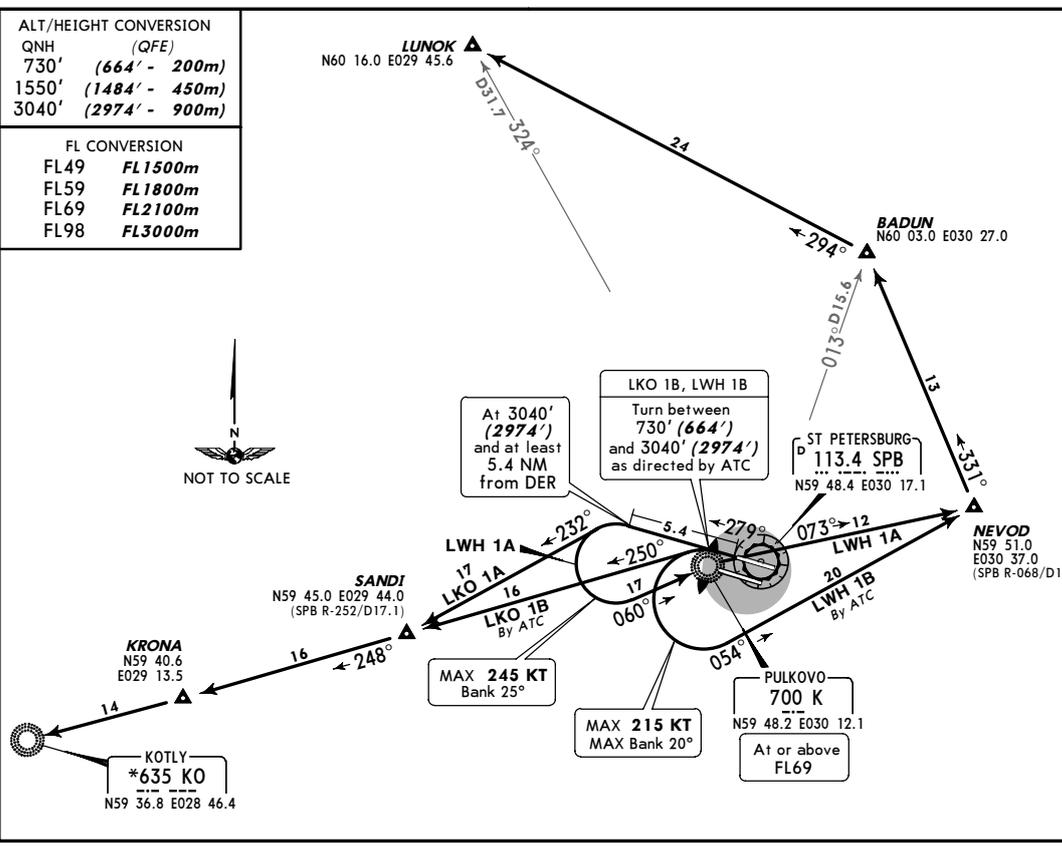
ALT/HEIGHT CONVERSION QNH (QFE) 1540' (1479' - 450m) 3040' (2979' - 900m)	FL CONVERSION FL49 FL1500m FL59 FL1800m FL69 FL2100m FL98 FL3000m
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ULLI/LED
PULKOVO
 10 NOV 06 (10-3D) EFF 23 NOV
JEPPesen ST PETERSBURG, RUSSIA
SID

PULKOVO Krug 120.3	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 735 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2974') 1. Unless otherwise instructed climb to FL49, contact PULKOVO Krug before passing 1550' (1484'). 2. Crossings at AWY entry points by ATC.
Appt Elev 78'	

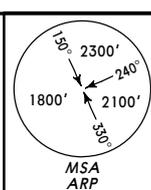


LKO 1A, LKO 1B, LWH 1A, LWH 1B
RWY 28R DEPARTURES
 TO WEST & NORTHWEST
SPEEDS MAX 270 KT BELOW FL98

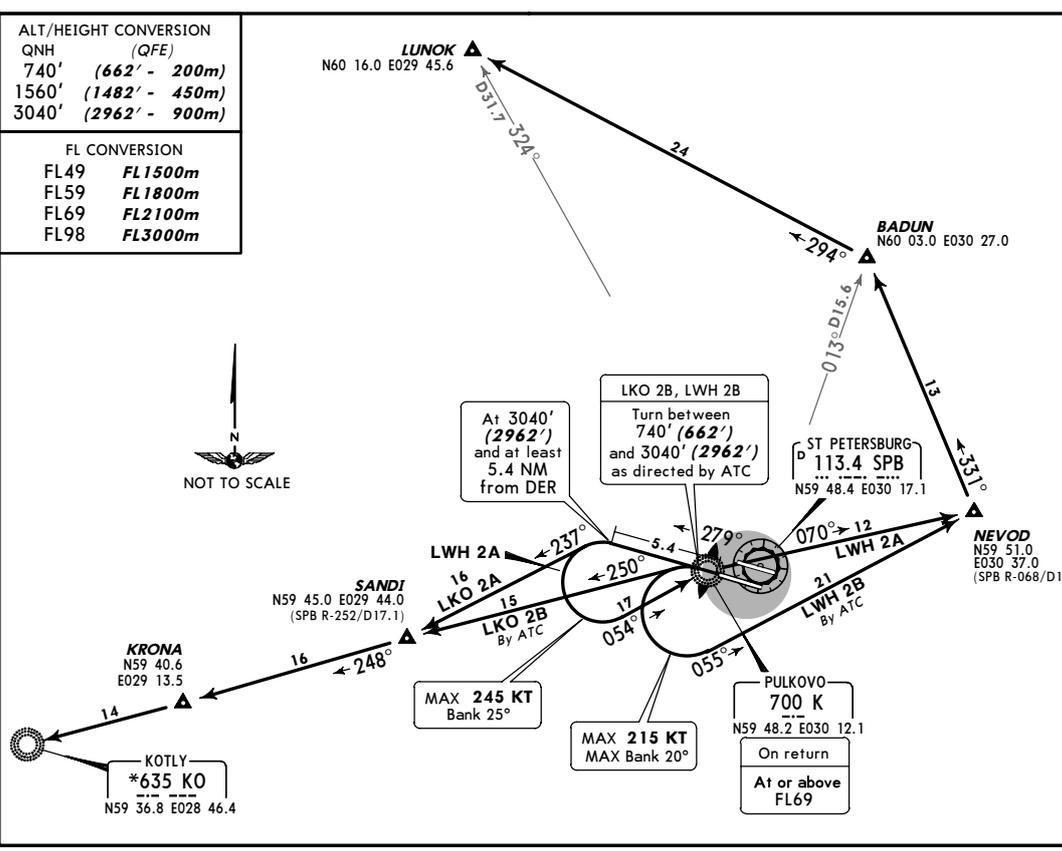


ULLI/LED
PULKOVO
 10 NOV 06 (10-3E) EFF 23 NOV
JEPPesen ST PETERSBURG, RUSSIA
SID

PULKOVO Krug 120.3	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 735 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2962') 1. Unless otherwise instructed climb to FL49, contact PULKOVO Krug before passing 1550' (1482'). 2. Crossings at AWY entry points by ATC.
Appt Elev 78'	

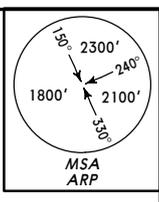


LKO 2A, LKO 2B, LWH 2A, LWH 2B
RWY 28L DEPARTURES
 TO WEST & NORTHWEST
SPEEDS MAX 270 KT BELOW FL98

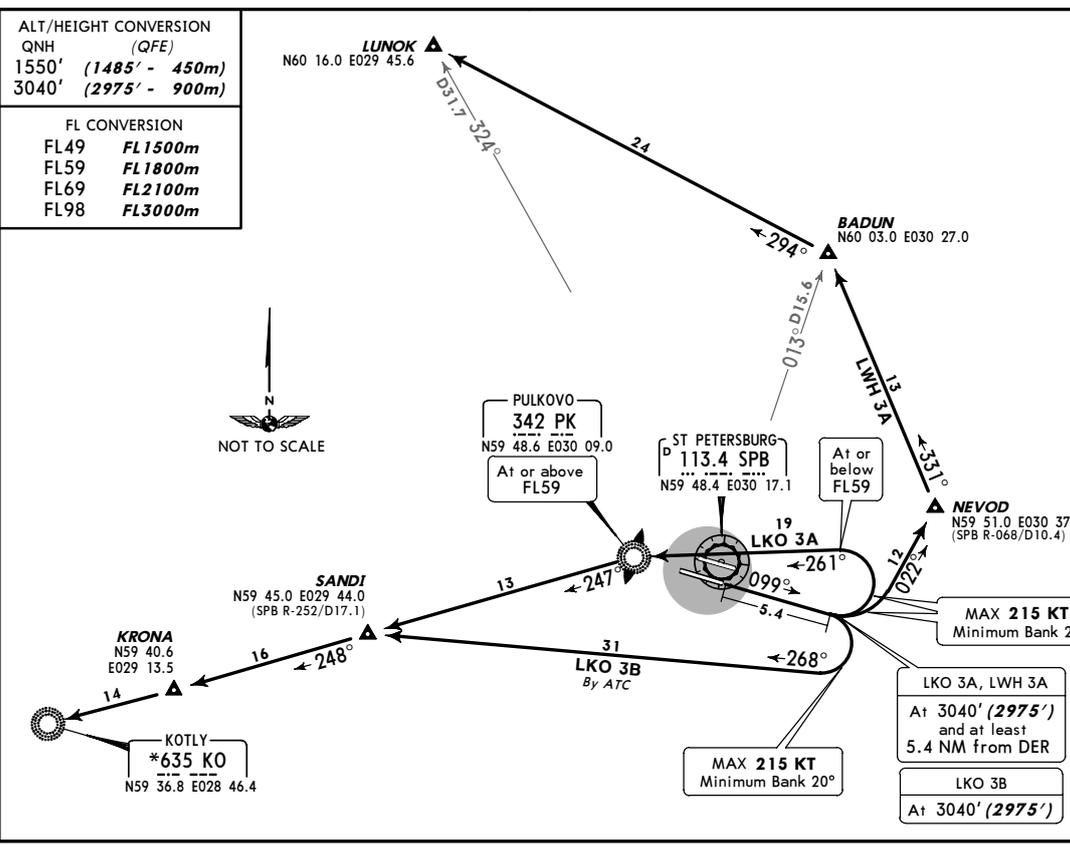


ULLI/LED
PULKOVO
 10 NOV 06 (10-3F) EFF 23 NOV
JEPPRESEN ST PETERSBURG, RUSSIA
SID

PULKOVO King 120.3	Appt Elev 78'	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2975') 1. Unless otherwise instructed climb to FL49, contact PULKOVO King before passing 1550' (1485'). 2. Crossings at AWY entry points by ATC.
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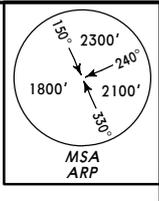


LKO 3A, LKO 3B, LWH 3A
RWY 10R DEPARTURES
TO WEST & NORTHWEST
SPEEDS MAX 270 KT BELOW FL98

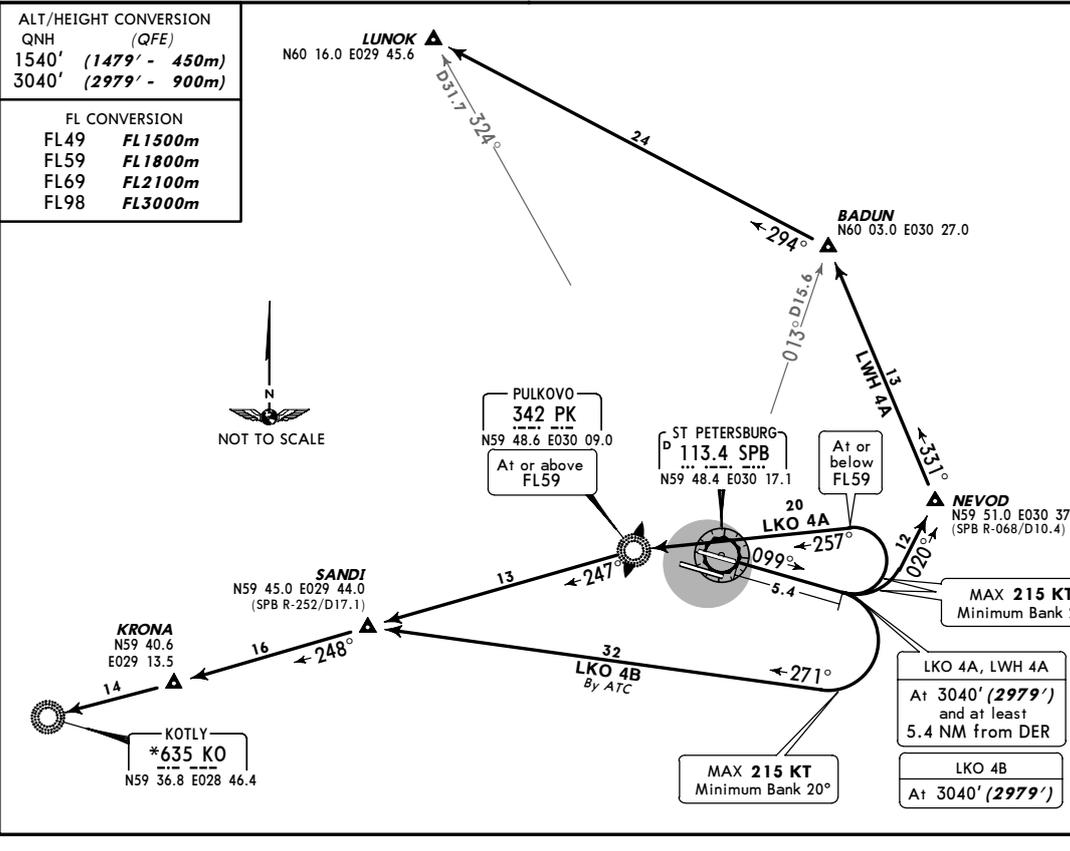


ULLI/LED
PULKOVO
 10 NOV 06 (10-3G) EFF 23 NOV
JEPPRESEN ST PETERSBURG, RUSSIA
SID

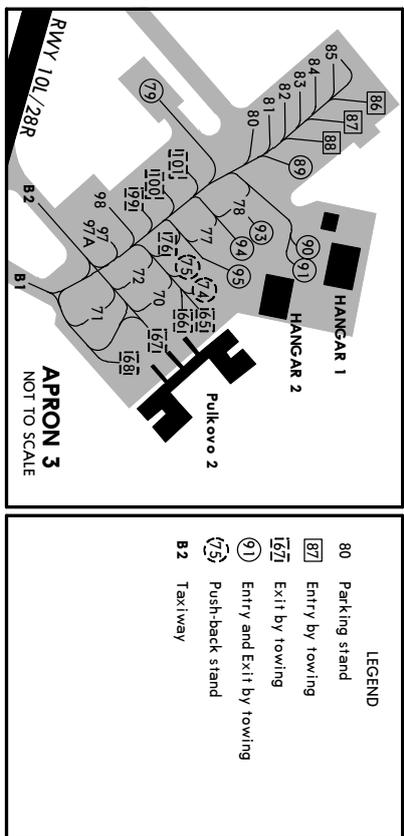
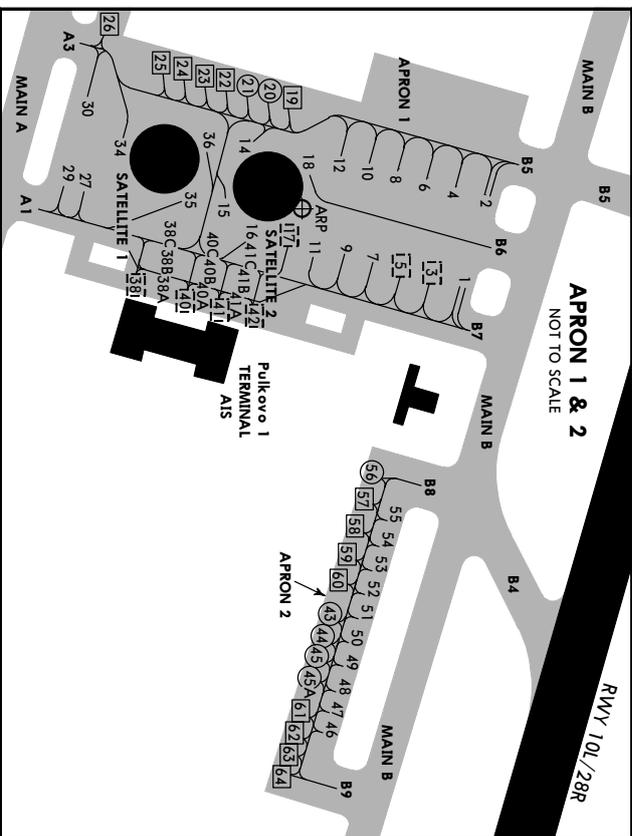
PULKOVO King 120.3	Appt Elev 78'	QNH on request (QFE) Trans level: FL49 FL59 if pressure is less than 733 MM (977.3 hPa) and 706 MM (941.3 hPa) or above FL69 if pressure is less than 706 MM (941.3 hPa) Trans alt: 3040' (2979') 1. Unless otherwise instructed climb to FL49, contact PULKOVO King before passing 1540' (1479'). 2. Crossings at AWY entry points by ATC.
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LKO 4A, LKO 4B, LWH 4A
RWY 10L DEPARTURES
TO WEST & NORTHWEST
SPEEDS MAX 270 KT BELOW FL98



ULLI/LED
 10 NOV 06 **(10-9B)** **EFF 23 NOV**
JEPPesen ST PETERSBURG, RUSSIA
PULKOVO



- LEGEND**
- 80 Parking stand
 - 87 Entry by towing
 - 167 Exit by towing
 - 91 Entry and Exit by towing
 - 45 Push-back stand
 - B2 Taxiway

ULLI/LED
 10 NOV 06 **(10-9X1)** **EFF 23 NOV**
JEPPesen ST PETERSBURG, RUSSIA
JAA MINIMUMS
PULKOVO

TAKE-OFF RWY 10L/R, 28L/R	LVP must be in Force			
	Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL
A	125m	150m	200m	RCLM (DAY only) or RL
B	150m	200m	250m	RCLM (DAY only) or RL
C	200m	250m	300m	NIL (DAY only)
D	150m	200m	250m	500m

ULLI/LED

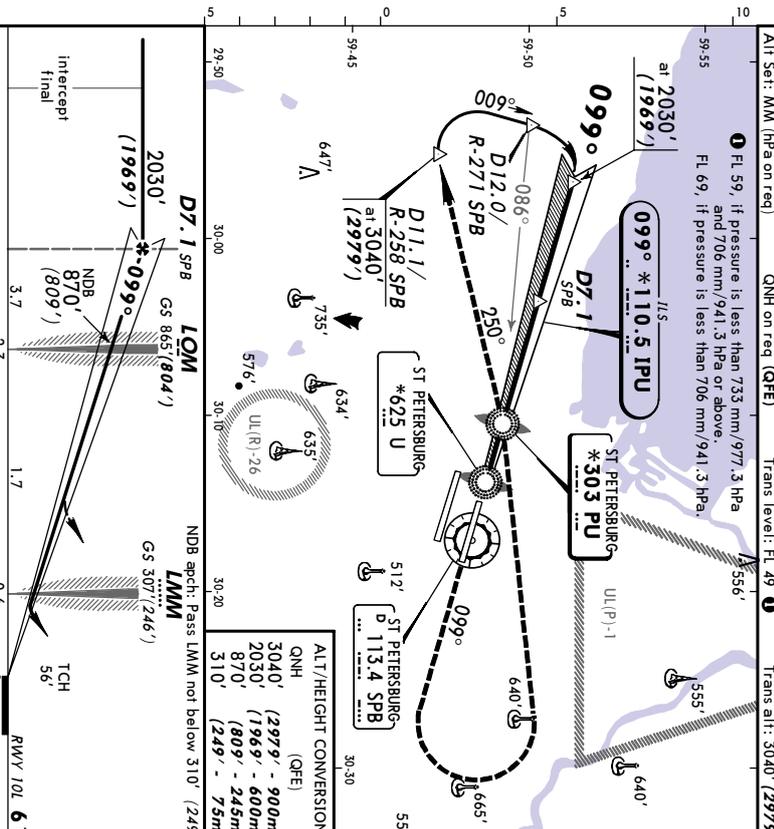
JEPPESEN **ST PETERSBURG, RUSSIA**
10 NOV 06 **(10-9X)** **PULKOVO**

STRAIGHT-IN RWY	A	B	C	D
CAT 2 ILS	161' (100')	161' (100')	161' (100')	161' (100')
RA104 R350m	RA104 R350m	RA104 R350m	RA104 R350m	RA104 R350m
ILS	261' (200')	261' (200')	261' (200')	261' (200')
ALS out	R550m	R550m	R550m	R550m
LOC	R1000m	R1000m	R1000m	R1000m
NDB	420' (359')	420' (359')	420' (359')	420' (359')
with FAF	R900m	R1000m	R1000m	R1400m
ALS out	R1500m	R1500m	R1800m	R2000m
NDB	950' (889')	950' (889')	950' (889')	950' (889')
w/o FAF	R1200m	R1400m	R1400m	R1800m
ALS out	R1500m	R2000m	R2000m	R2000m
CAT 2 ILS	165' (100')	165' (100')	165' (100')	165' (100')
RA105 R350m	RA105 R350m	RA105 R350m	RA105 R350m	RA105 R350m
ILS	265' (200')	265' (200')	265' (200')	265' (200')
ALS out	R550m	R550m	R550m	R550m
LOC	R1000m	R1000m	R1000m	R1000m
NDB	420' (355')	420' (355')	420' (355')	420' (355')
with FAF	R900m	R1000m	R1000m	R1400m
ALS out	R1500m	R1500m	R1800m	R2000m
NDB	950' (885')	950' (885')	950' (885')	950' (885')
w/o FAF	R1200m	R1400m	R1400m	R1800m
ALS out	R1500m	R2000m	R2000m	R2000m
ILS	278' (200')	278' (200')	278' (200')	278' (200')
ALS out	R550m	R550m	R550m	R550m
LOC	R1000m	R1000m	R1000m	R1000m
NDB	390' (312')	390' (312')	390' (312')	390' (312')
with FAF	R900m	R1000m	R1000m	R1400m
ALS out	R1500m	R1500m	R1800m	R2000m
NDB	1050' (972')	1050' (972')	1050' (972')	1050' (972')
w/o FAF	R1200m	R1400m	R1400m	R1800m
ALS out	R1500m	R2000m	R2000m	R2000m
CAT 2 ILS	166' (100')	166' (100')	166' (100')	166' (100')
RA104 R350m	RA104 R350m	RA104 R350m	RA104 R350m	RA104 R350m
ILS	266' (200')	266' (200')	266' (200')	266' (200')
ALS out	R550m	R550m	R550m	R550m
LOC	R1000m	R1000m	R1000m	R1000m
NDB	440' (374')	440' (374')	440' (374')	440' (374')
with FAF	R900m	R1000m	R1000m	R1400m
ALS out	R1500m	R1500m	R1800m	R2000m
NDB	1060' (994')	1060' (994')	1060' (994')	1060' (994')
w/o FAF	R1200m	R1400m	R1400m	R1800m
ALS out	R1500m	R2000m	R2000m	R2000m

ULLI/LED **ST PETERSBURG, RUSSIA**
10 NOV 06 **(1-1)** **PULKOVO**

ATIS	PETERSBURG Approved (R)	PULKOVO King (SE)	PULKOVO Tower	Ground
127.3	129.8	125.2	120.3	118.1
LOC	IPU	GS	ILS	DA(H)
*110.5	Final	865' (804')	261' (200')	78'
NDB	Apch Crs	Minimum Alt	NDB	Apv Elev
*303	099°	D7.1 SPB	MDA(H) (CONDITIONAL)	RWY 61'
		*2030' (1969')	420' (359')	

MISSED APCH: Climb on 099° to 3040' (2979'), then turn LEFT to PU NDB, then proceed on 250° to D11.1/R-258 SPB, then according to chart.



Grnd speed-Kts	70	90	100	120	140	160	HI ALS-II	3040'	303
ILS GS 3.00° or NDB Descant Gradient 5.2%	369	474	527	632	737	843		(2979')	099°
ILS	STRAIGHT-IN LANDING RWY 101						with FAF	MDA(H) 420' (359')	ALS out
LOC							MDA(H) 950' (889')	ALS out	
FAULT	TDZ or CL out						ALS out		
A	RVR 550m						RVR 1500m	3200m	
B	RVR 720m						RVR 1500m		
C	RVR 800m						RVR 1800m	3600m	4400m
D	VIS 800m						RVR 1500m	4400m	4800m
	VIS 1600m						RVR 1800m	4400m	4800m

ULLI/LED
PULKOVO
JEPPesen ST PETERSBURG, RUSSIA
CAT II ILS Rwy 10L

ATIS	(360°-180°T) 0400-2000 (180°T-360°T)	PULKOVO King (SRE)	PULKOVO Tower	Ground
127.3	129.8	125.2	129.8	120.3
129.8	125.2	129.8	120.3	118.1
127.3	129.8	125.2	129.8	121.7

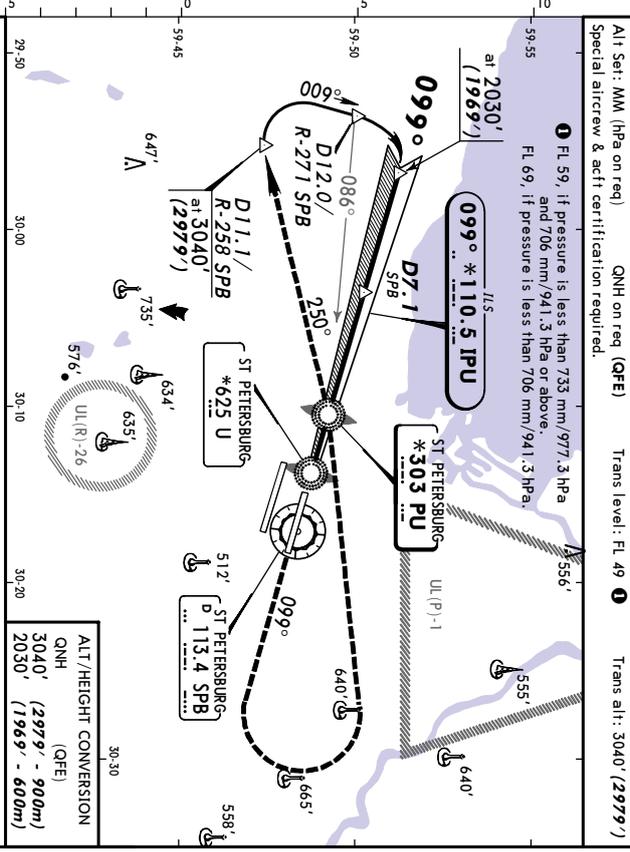
10 NOV 06 (1-1A)
 EFF 23 NOV

LOC	IPU	Final	GS	CAT II ILS	DA(H)	Appr Elev	78'
*110.5	099°	099°	865' (804')	RA 104'	161' (100')	Rwy	61'

MISSED APCH: Climb on 099° to 3040' (2979'), then turn LEFT to PU NDB, then proceed on 250° to D11.1/R-258 SPB, then according to chart.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 Trans alt: 3040' (2979')

Special aircrew & act cert certification required.



Grnd speed-Kts	70	90	100	120	140	160	3040'	303
ILS GS 3.00° or NDB Descrnt Gradient 5.2%	377	485	539	647	755	862	3040' (2979') on 099°	303

STRAIGHT-IN LANDING RWY 10L

CAT II ILS

ABCD

RA 104'

DA(H) 161' (100')

RVR 350m

PANS OPS

CHANGES: New procedure.

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ULLI/LED
PULKOVO
JEPPesen ST PETERSBURG, RUSSIA
ILS or 2 NDB Rwy 10R

ATIS	(360°-180°T) 0400-2000 (180°T-360°T)	PULKOVO King (SRE)	PULKOVO Tower	Ground
127.3	129.8	125.2	129.8	120.3
129.8	125.2	129.8	120.3	118.7
127.3	129.8	125.2	129.8	121.7

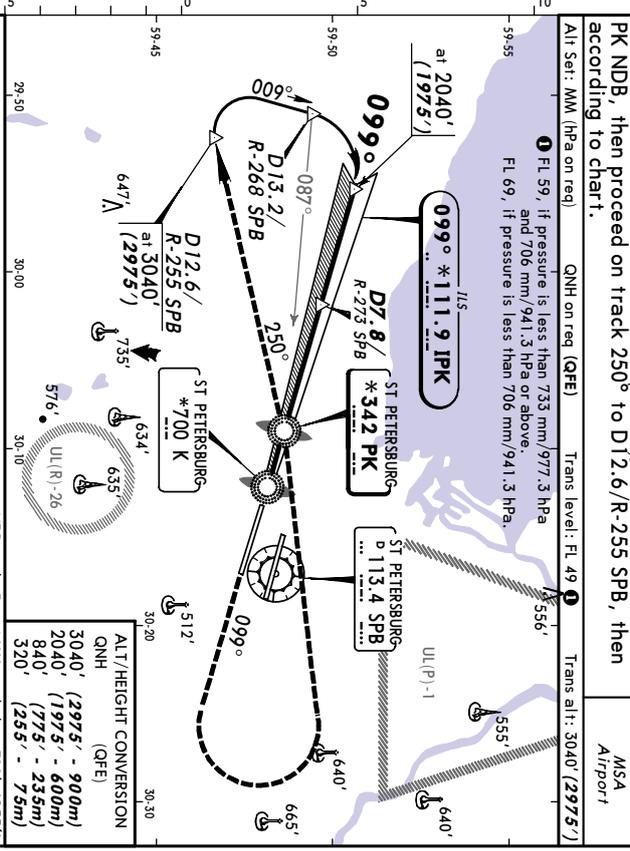
10 NOV 06 (1-2)
 EFF 23 NOV

LOC	IPK	Final	GS	ILS	DA(H)	Appr Elev	78'
*111.9	NDB	099°	836' (771')	265' (200')	MDA(H) 420' (355')	Rwy	65'

MISSED APCH: Climb on 099° to 3040' (2975'), then turn LEFT to PK NDB, then proceed on track 250° to D12.6/R-255 SPB, then according to chart.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 Trans alt: 3040' (2975')

Special aircrew & act cert certification required.



Grnd speed-Kts	70	90	100	120	140	160	3040'	342
ILS GS 3.00° or NDB Descrnt Gradient 5.2%	377	485	539	647	755	862	3040' (2975') on 099°	342

STRAIGHT-IN LANDING RWY 10R

ILS

LOC (GS out)

DA(H) 265' (200')

FDZ or Clout ALS out

W/ or FAF

MDA(H) 420' (355')

NDB

MDA(H) 950' (885')

ALS out

PK 342

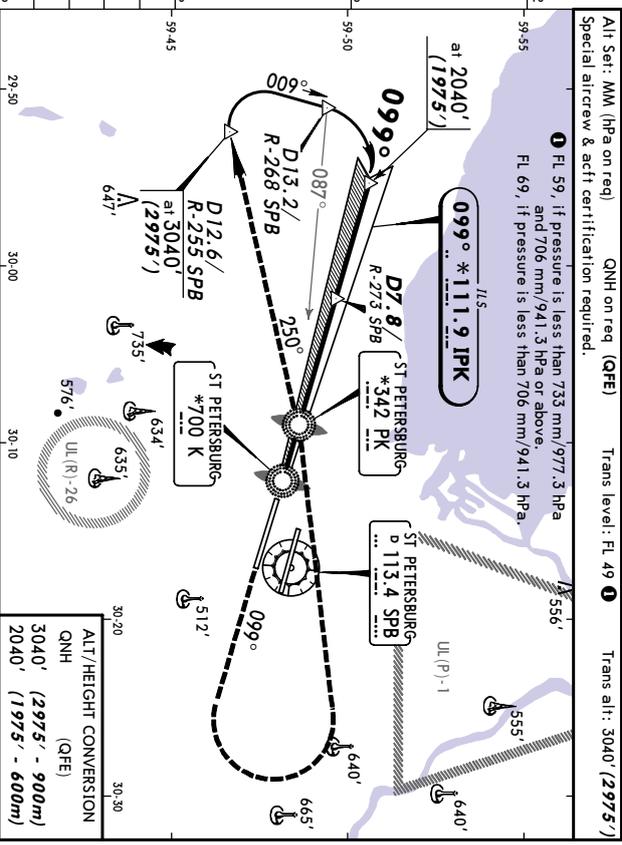
PANS OPS

CHANGES: Apr & rwy elev, Procedure, Minimums.

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ULLI/LED
PULKOVO
JEPESEN ST PETERSBURG, RUSSIA
CAT II ILS Rwy 10R

ATIS	(360°T-180°T) 0400-2000 (180°T-360°T)	PETERSBURG Approach (R)	2000-0400	PULKOVO King (SRE)	PULKOVO Tower	Ground
127.3	129.8	125.2	129.8	120.3	118.7	121.7
LOC	Final	LOM	DA(H)	ILS	Appt Elev	78'
*111.9	099°	836'(771')	165'(100')	RA 105'	Rwy	65'
IPK	Apch Crs	099°				
MISSED APCH: Climb on 099° to 3040' (2975'), then turn LEFT to PK NDB, then proceed on track 250° to D12.6/R-255 SPB, then according to chart.						
MSA Airport						



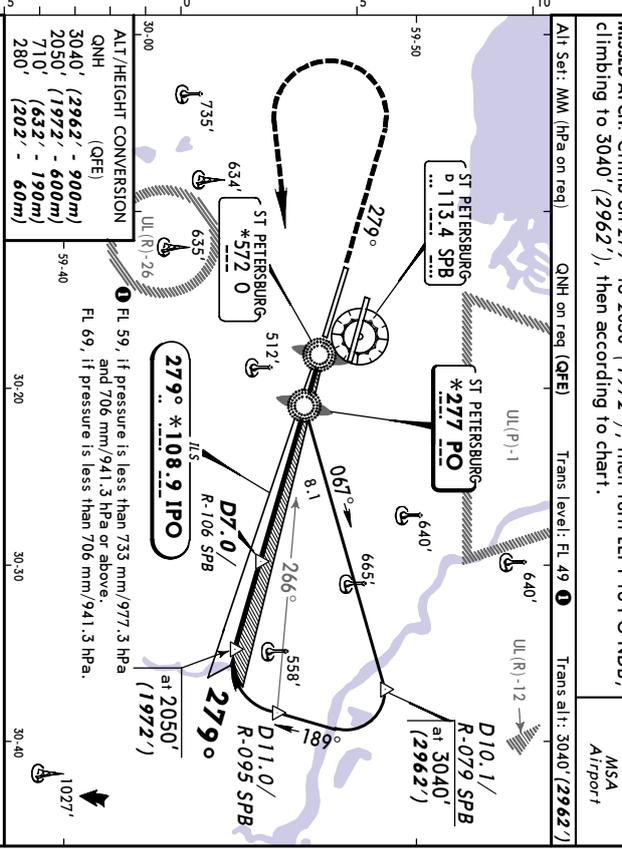
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 49	Trans alt: 3040' (2975')
Special aircrew & act cert certification required.			
FL 59, if pressure is less than 733 mm/977.3 hPa and 706 mm/941.3 hPa or above.			
FL 69, if pressure is less than 706 mm/941.3 hPa.			

GS	70	90	100	120	140	160	HAAS II	3040'	PK
3.00°	377	485	539	647	755	862	PAPI	342	3040'
								099°	342
								on	LT

STRAIGHT-IN LANDING RWY 10R
 CAT II ILS
 ABCD
 RA 105'
 DA(H) 165' (100')
 RVR 350m

ULLI/LED
PULKOVO
JEPESEN ST PETERSBURG, RUSSIA
ILS or 2 NDB Rwy 28L

ATIS	(360°T-180°T) 0400-2000 (180°T-360°T)	PETERSBURG Approach (R)	2000-0400	PULKOVO King (SRE)	PULKOVO Tower	Ground
127.3	129.8	125.2	129.8	120.3	118.7	121.7
LOC	Final	LOM	DA(H)	ILS	Appt Elev	78'
*108.9	279°	702'(624')	278'(200')	278'(200')	Rwy	78'
NDB	Apch Crs	279°				
*277						
MISSED APCH: Climb on 279° to 2050' (1972'), then turn LEFT to PO NDB, climbing to 3040' (2962'), then according to chart.						
MSA Airport						



Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 49	Trans alt: 3040' (2962')
Special aircrew & act cert certification required.			
FL 59, if pressure is less than 733 mm/977.3 hPa and 706 mm/941.3 hPa or above.			
FL 69, if pressure is less than 706 mm/941.3 hPa.			

GS	70	90	100	120	140	160	HAAS II	2050'	PK
ILS GS 2.5° or NDB Desc Grad	332	427	475	570	665	760	PAPI	279°	277
								1972'	277
								on	LT

STRAIGHT-IN LANDING RWY 28L
 ILS
 DA(H) 278' (200')
 FULL ALS out
 NOT AUTH
 RVR 1500m VIS 1600m
 RVR 1500m VIS 1800m
 RVR 1500m VIS 2000m

