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Airport Information For ULWC

Terminal Charts For ULWC

Revision Letter For Cycle 13-2016

Change Notices

Notebook

General Information

Location: CHEREPOVETS RUS
ICAO/IATA: ULWC / CEE
Lat/Long: N59° 16.57', E038° 01.13'
Elevation: 377 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -4:00 = UTC
Magnetic Variation: 12.0° E

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

Sunrise: 0011 Z
Sunset: 1847 Z

Runway Information

Runway: 03
Length x Width: 8278 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 361 ft
Lighting: Edge, ALS

Runway: 21
Length x Width: 8278 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 369 ft
Lighting: Edge, ALS

Communication Information

Cherepovets Tower: 119.200

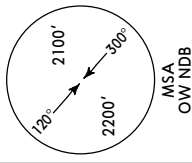
ULWC/CEE
CHEREPOVETS

JEPPesen 27 NOV 15 10-2 Eff 10 Dec

CHEREPOVETS, RUSSIA
RNAV STAR

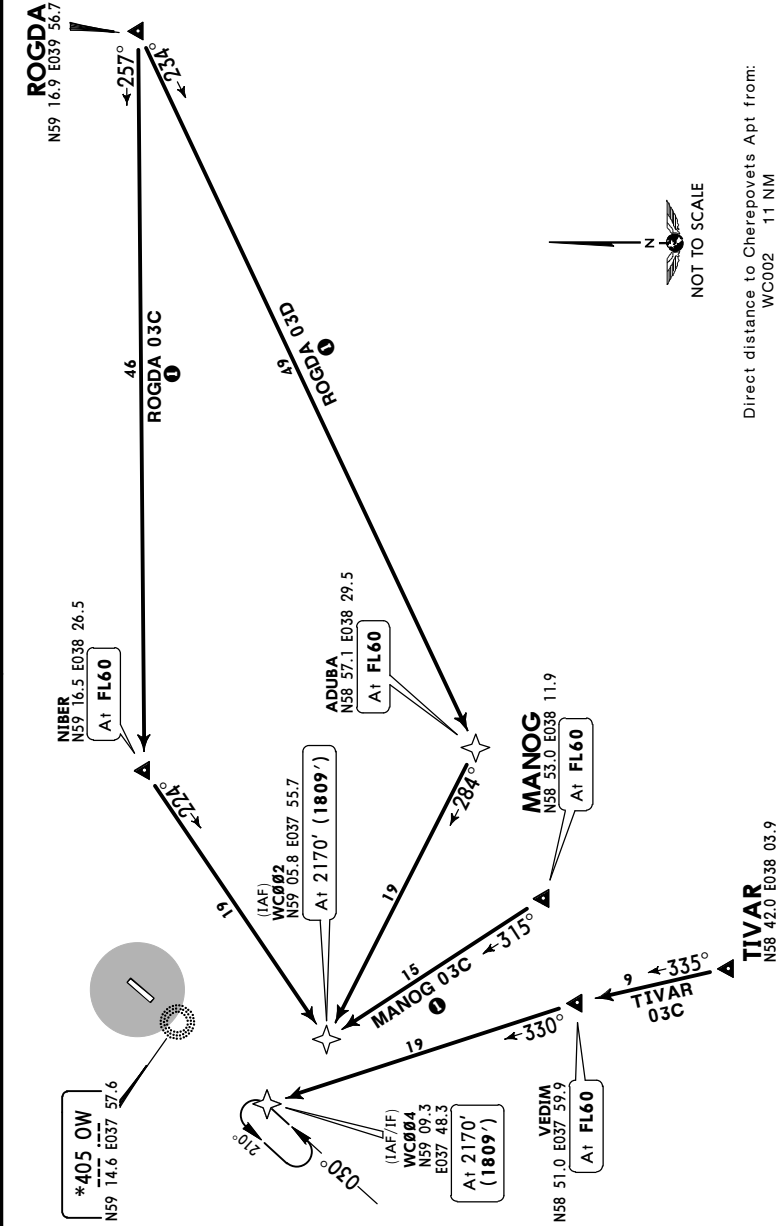
Apt Elev 377' Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (2319')
RNAV(GNSS)

MANOG 03C [MANØ3C], TIVAR 03C [TIVØ3C]
ROGDA 03C [ROGØ3C], ROGDA 03D [ROGØ3D]
BY ATC
RWY 03 RNAV ARRIVALS



Direct distance to Cherepovets Apt from:
WC002 11 NM
WC004 10 NM

Only for Russian users of airspace.



ULWC/CEE
CHEREPOVETS

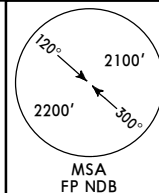
JEPPesen
27 NOV 15 (10-2A) Eff 10 Dec

CHEREPOVETS, RUSSIA
RNAV STAR

Apt Elev
377'

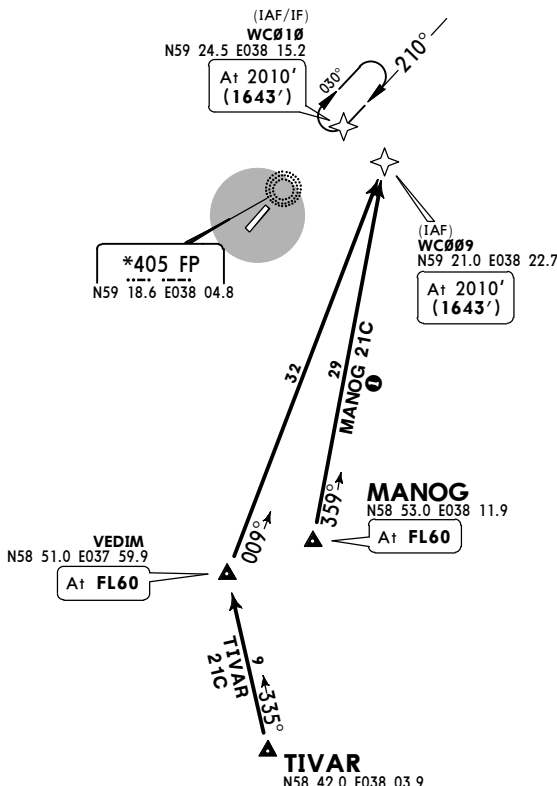
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (2313')
RNAV (GNSS)

MANOG 21C [MAN21C], TIVAR 21C [TIV21C] RWY 21 RNAV ARRIVALS



Direct distance to Cherepovets Apt from:

WC009 12 NM
WC010 11 NM



ALT/HEIGHT CONVERSION

QNH (QFE)
2680' (2313' - 700m)
2010' (1643' - 500m)

① Only for Russian users of airspace.

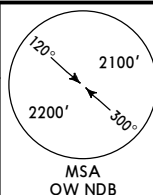
ULWC/CEE
CHEREPOVETS

27 NOV 15 **10-2B** **Eff 10 Dec**

CHEREPOVETS, RUSSIA
RNAV STAR

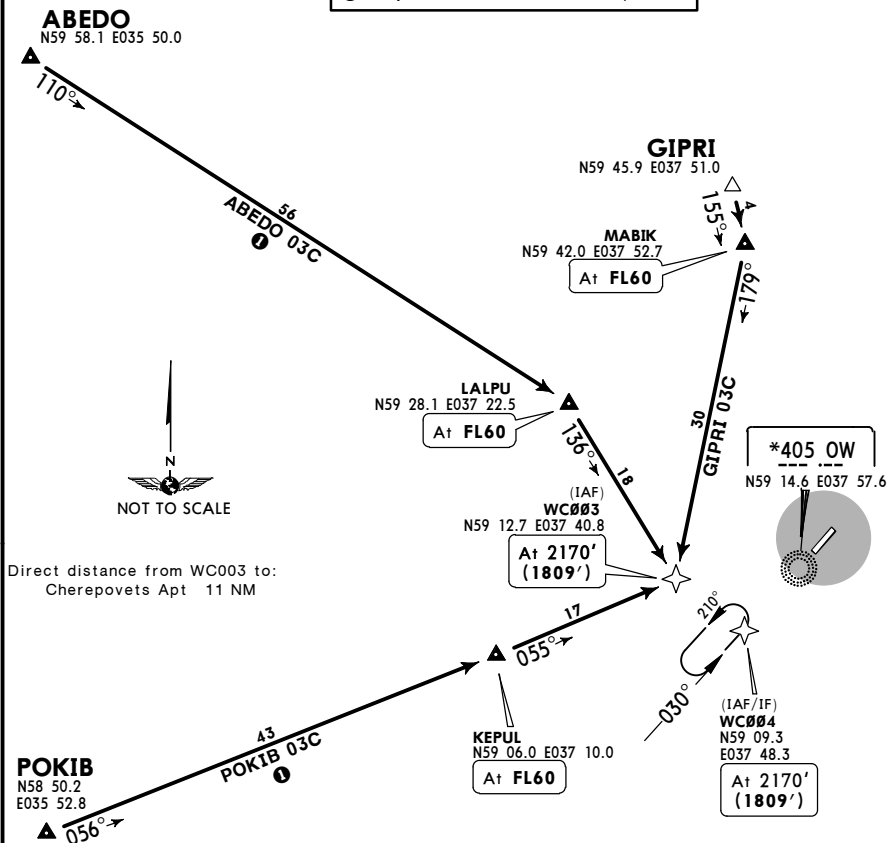
Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (2319')
RNAV (GNSS)



ABEDO 03C [ABE03C]
BY ATC
GIPRI 03C [GIP03C]
POKIB 03C [POK03C]
RWY 03 RNAV ARRIVALS

① Only for Russian users of airspace.



Direct distance from WC003 to:
Cherepovets Apt 11 NM

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2319' - 700m)
2170' (1809' - 550m)

ULWC/CEE
CHEREPOVETS

27 NOV 15



JEPPESSEN

(10-2C)

Eff 10 Dec

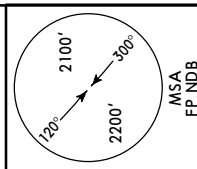
CHEREPOVETS, RUSSIA

RNAV STAR

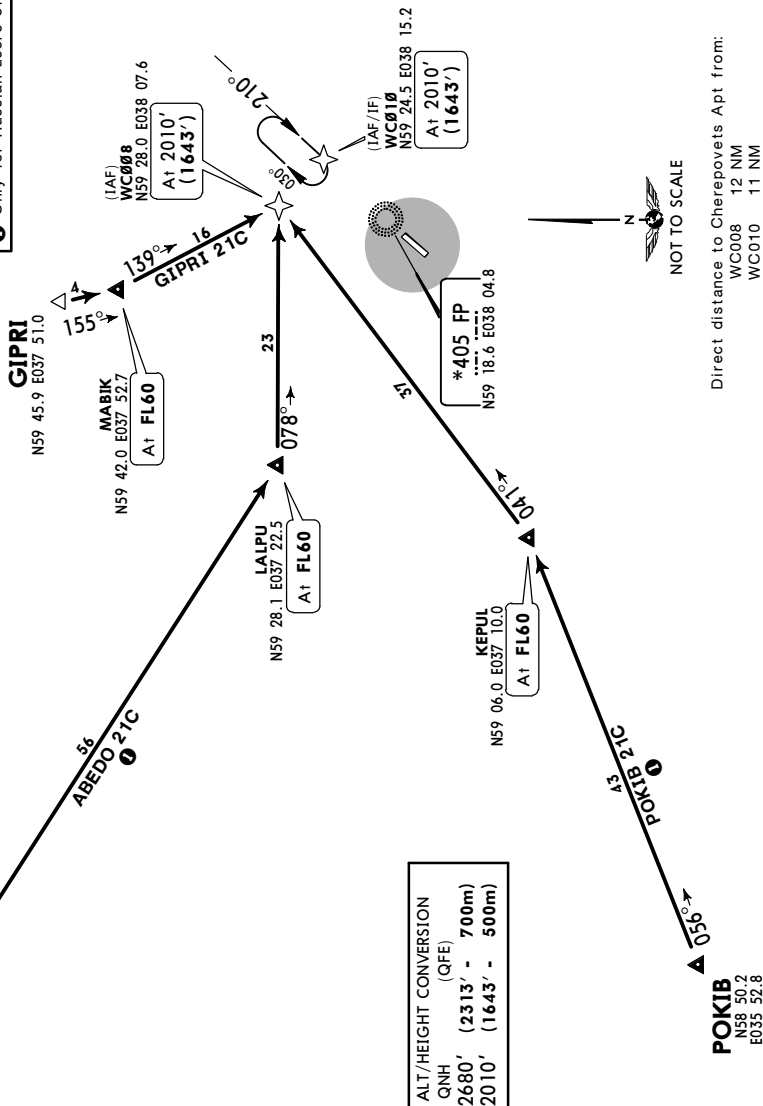
Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request
Trans level: By ATC Trans alt: 2680' (2313')
RNAV (GNSS)

ABEDO 21C [ABE21C]
BY ATC
GIPRI 21C [GIP21C]
POKIB 21C [POK21C]
RWY 21 RNAV ARRIVALS



Only for Russian users of airspace.



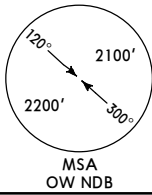
ULWC/CEE
CHEREPOVETS

JEPPesen
27 NOV 15 10-2D Eff 10 Dec

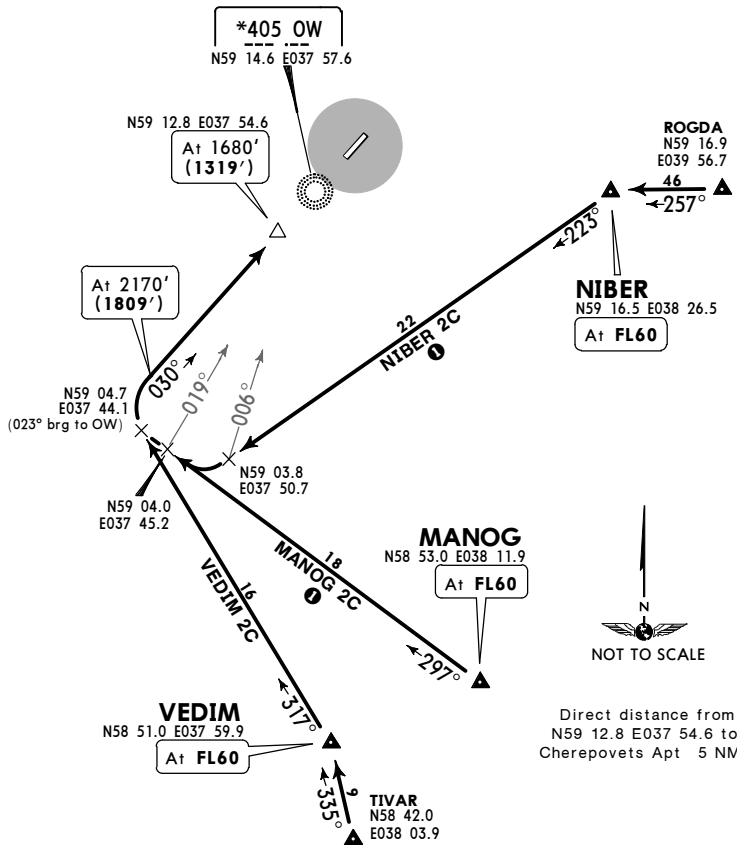
CHEREPOVETS, RUSSIA
STAR

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (2319')



MANOG 2C [MANO2C], NIBER 2C [NIBE2C]
VEDIM 2C [VEDI2C]
RWY 03 ARRIVALS
UNDER RADAR CONTROL



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680' (2319' - 700m)	
2170' (1809' - 550m)	
1680' (1319' - 400m)	

① Only for Russian users of airspace.

STAR	ROUTING
MANOG 2C	On 297° track to N59 04.0 E037 45.2 (019° bearing to OW), turn RIGHT, 030° track to 59 12.8 E037 54.6.
NIBER 2C BY ATC	On 223° track to N59 03.8 E037 50.7 (006° bearing to OW), turn RIGHT, 030° track to N59 12.8 E037 54.6
VEDIM 2C	On 317° track to N59 04.7 E037 44.1 (023° bearing to OW), turn RIGHT, 030° track to N59 12.8 E037 54.6.

VEDIM
N58 51.0 E037 59.9
At FL60

TIVAR
N58 42.0
E038 03.9

MANOG
N58 53.0
E038 11.9
At FL60

Intercept final at
2010' (1643')

At 2180' (1813')

*405 FP
N59 18.6 E038 04.8

N59 21.6 E038 21.9

N59 21.2 E038 21.6

VEDIM 2D
MANOG 2D

008°
335°
210°
239°
241°
358°

32
29

N

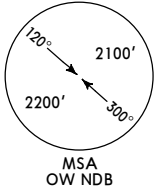
NOT TO SCALE

ULWC/CEE
CHEREPOVETS

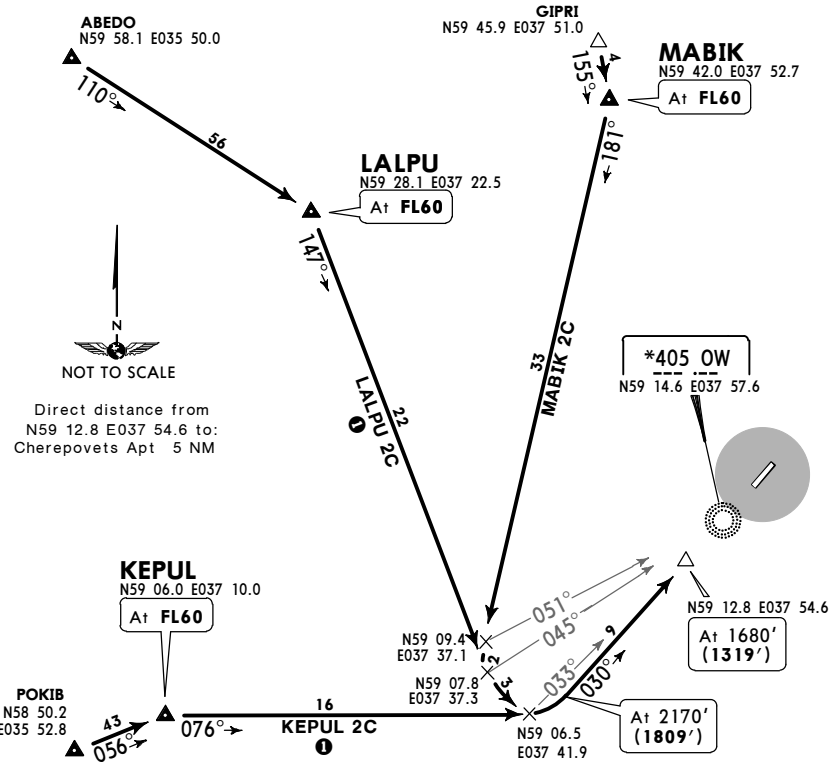
JEPPesen 27 NOV 15 10-2F Eff 10 Dec
CHEREPOVETS, RUSSIA
STAR

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (2319')



KEPUL 2C [KEPU2C] , LALPU 2C [LALP2C]
MABIK 2C [MABI2C]
RWY 03 ARRIVALS
UNDER RADAR CONTROL



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680'	(2319' - 700m)
2170'	(1809' - 550m)
1680'	(1319' - 400m)

STAR	ROUTING
KEPUL 2C	On 076° track to N59 06.5 E037 41.9 (033° bearing to OW), turn LEFT, 030° track to N59 12.8 E037 54.6.
LALPU 2C BY ATC	On 147° track to N59 07.8 E037 37.3 (045° bearing to OW), turn LEFT, 030° track to N59 12.8 E037 54.6.
MABIK 2C	On 181° track to N59 09.4 E037 37.1 (051° bearing to OW), turn LEFT, 030° track to N59 12.8 E037 54.6.

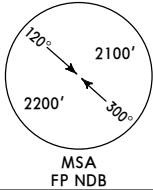
ULWC/CEE
CHEREPOVETS

JEPPesen
27 NOV 15 10-2G Eff 10 Dec

CHEREPOVETS, RUSSIA
STAR

Apt Elev
377'

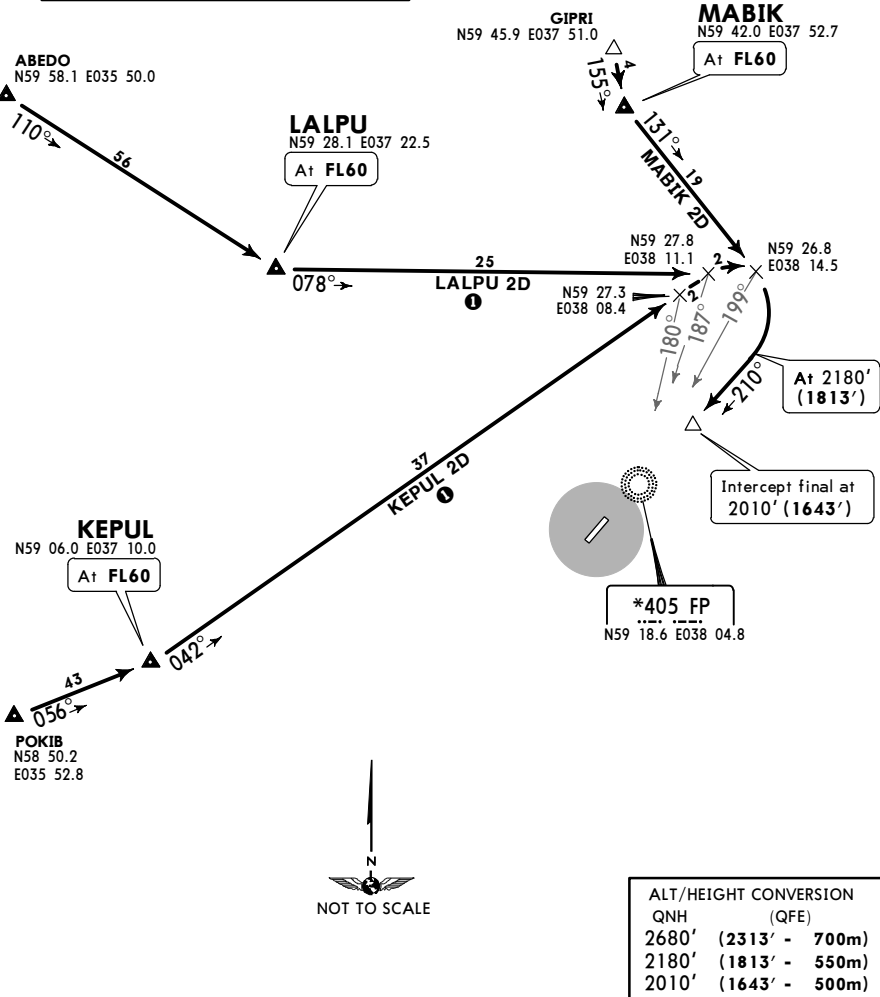
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (2313')



KEPUL 2D [KEPU2D], LALPU 2D [LALP2D]
MABIK 2D [MABI2D]

RWY 21 ARRIVALS
UNDER RADAR CONTROL

1 Only for Russian users of airspace.



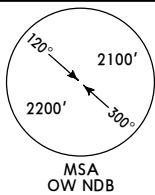
STAR	ROUTING
KEPUL 2D	On 042° track to N59 27.3 E038 08.4 (180° bearing to FP), turn RIGHT, 210° track to intercept final approach.
LALPU 2D BY ATC	On 078° track to N59 27.8 E038 11.1 (187° bearing to FP), turn RIGHT, 210° track to intercept final approach.
MABIK 2D	On 131° track to N59 26.8 E038 14.5 (199° bearing to FP), turn RIGHT, 210° track to intercept final approach.

ULWC/CEE
CHEREPOVETS

 **JEPPESSEN** **CHEREPOVETS, RUSSIA**
27 NOV 15 **(10-2H)** **Eff 10 Dec** **STAR**

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (**2319'**)

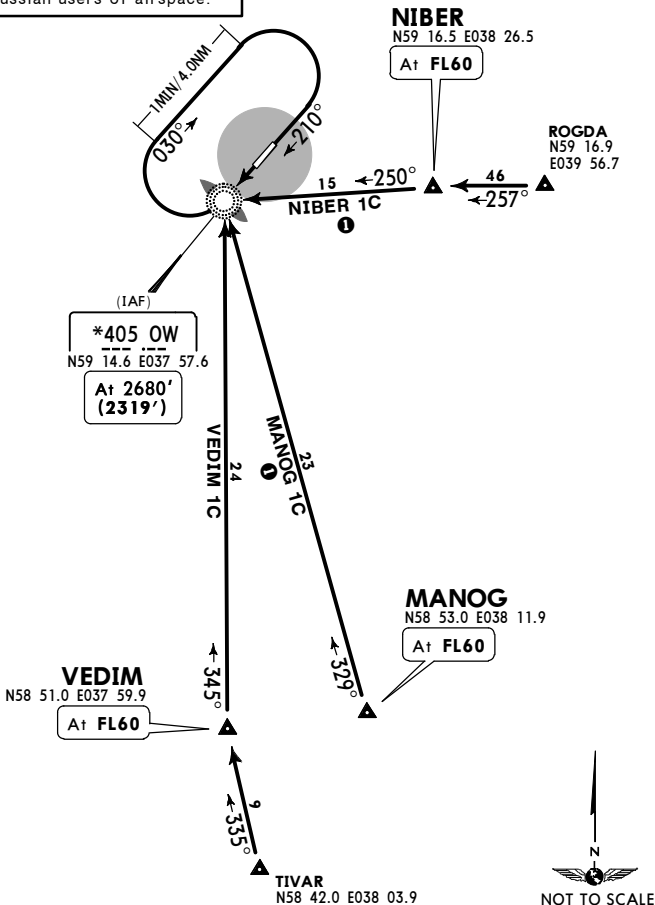


MANOG 1C [MANO1C] , **VEDIM 1C** [VEDI1C]

NIBER 1C [NIBE1C]
BY ATC

RWY 03 ARRIVALS
WITHOUT RADAR CONTROL

1 Only for Russian users of airspace.



Direct distance from OW to:
Cherepovets Apt 3 NM

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (**2319'** - **700m**)

ULWC/CEE
CHEREPOVETS

27 NOV 15 **10-2J**

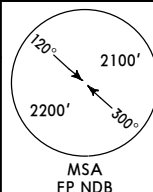
Eff 10 Dec

CHEREPOVETS, RUSSIA

STAR

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (**2313'**)

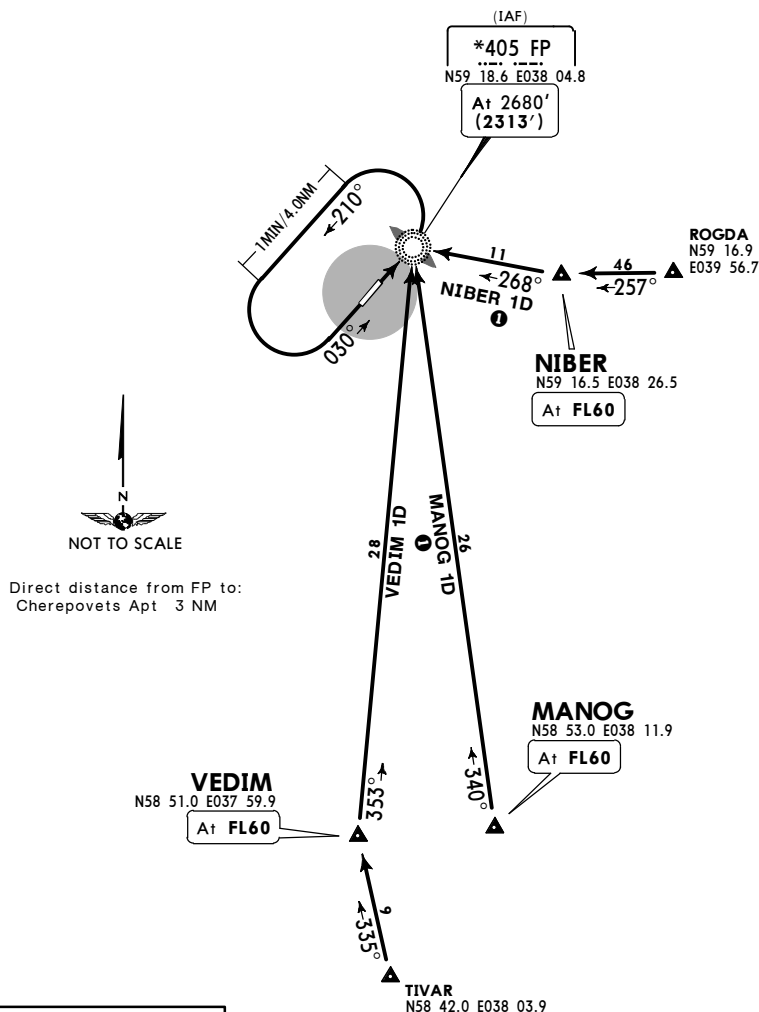


MANOG 1D [MANO1D], VEDIM 1D [VEDI1D]

NIBER 1D [NIBE1D]
BY ATC

RWY 21 ARRIVALS
WITHOUT RADAR CONTROL

1 Only for Russian users of airspace.

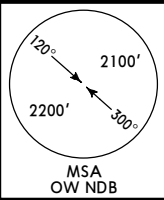


ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (**2313'** - 700m)

ULWC/CEE
CHEREPOVETS

JEPPESEN 27 NOV 15 10-2K Eff 10 Dec
CHEREPOVETS, RUSSIA
STAR

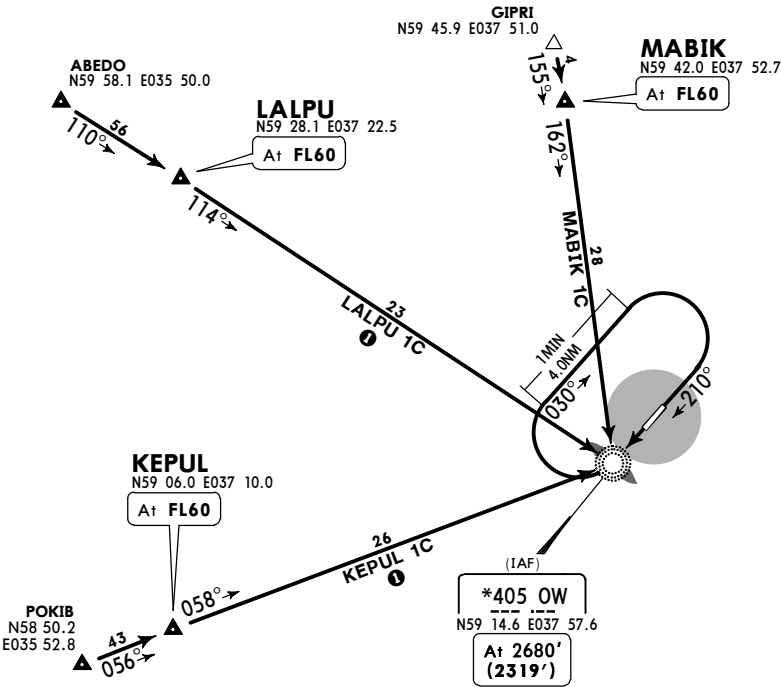
Apt Elev 377'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: By ATC Trans alt: 2680' (2319')
------------------	---



KEPUL 1C [KEPU1C], MABIK 1C[MABI1C]

LALPU 1C [LALP1C]
BY ATC
RWY 03 ARRIVALS
WITHOUT RADAR CONTROL

1 Only for Russian users of airspace.



Direct distance from OW to:
Cherepovets Apt 3 NM

ALT/HEIGHT CONVERSION QNH (QFE) 2680' (2319' - 700m)
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ULWC/CEE
CHEREPOVETS

27 NOV 15 **10-2L**

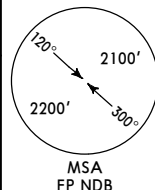
Eff 10 Dec

CHEREPOVETS, RUSSIA

STAR

Apt Elev
377'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: By ATC Trans alt: 2680' (2313')



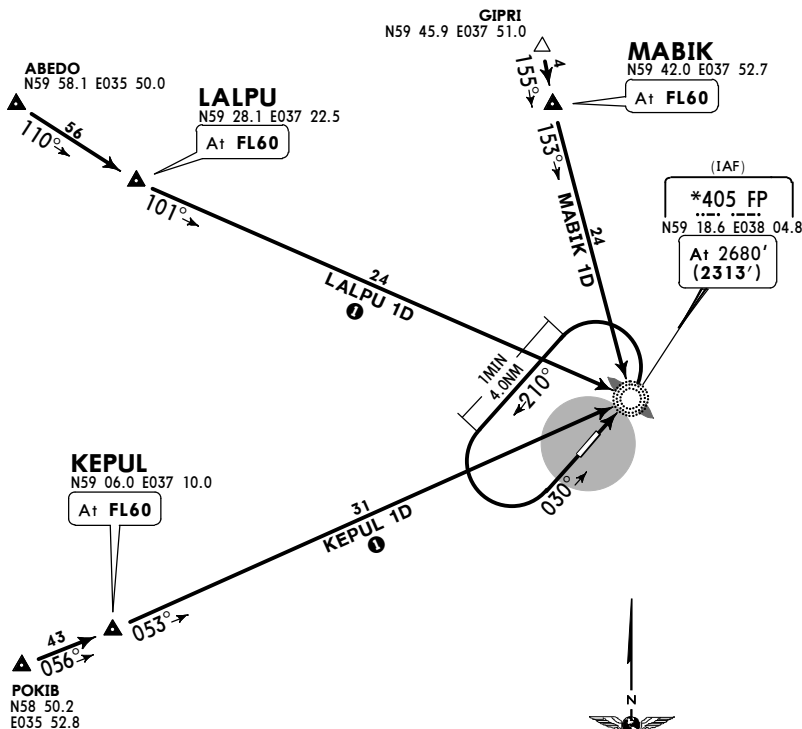
KEPUL 1D [KEPU1D] , MABIK 1D [MAB11D]

LALPU 1D [LALP1D]

BY ATC

RWY 21 ARRIVALS
WITHOUT RADAR CONTROL

① Only for Russian users of airspace.



NOT TO SCALE

Direct distance from FP to:
Cherepovets Apt 3 NM

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2313' - 700m)

ULWC/CEE
CHEREPOVETS

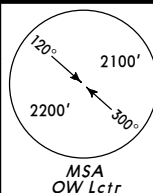
JEPPESSEN
17 JAN 14 (10-3)

CHEREPOVETS, RUSSIA
SID

Apt Elev
377'

QNH on request (QFE)

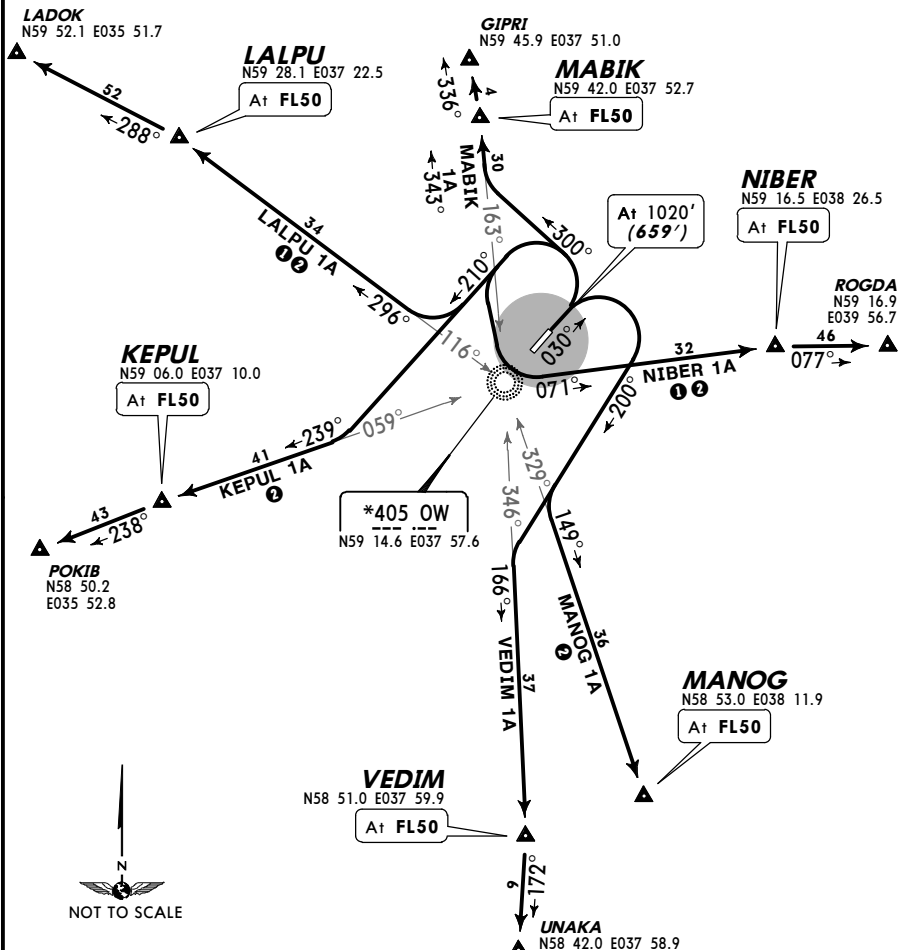
Trans level: By ATC Trans alt (hgt): 2680' (2319')



KEPUL 1A [KEPU1A], LALPU 1A [LALP1A] ①
MABIK 1A [MAB11A], MANOG 1A [MANO1A]
NIBER 1A [NIBE1A] ①, VEDIM 1A [VEDI1A]
RWY 03 DEPARTURES

① By ATC.

② Only for Russian users of airspace.



ALT/HEIGHT CONVERSION

QNH (QFE)

1020' (659' - 200m)

2680' (2319' - 700m)

CHANGES: Availability.

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ULWC/CEE
CHEREPOVETS

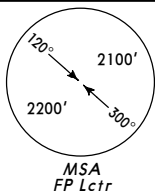
17 JAN 14 **JEPPESEN**
(10-3A)

CHEREPOVETS, RUSSIA
SID

Apt Elev
377'

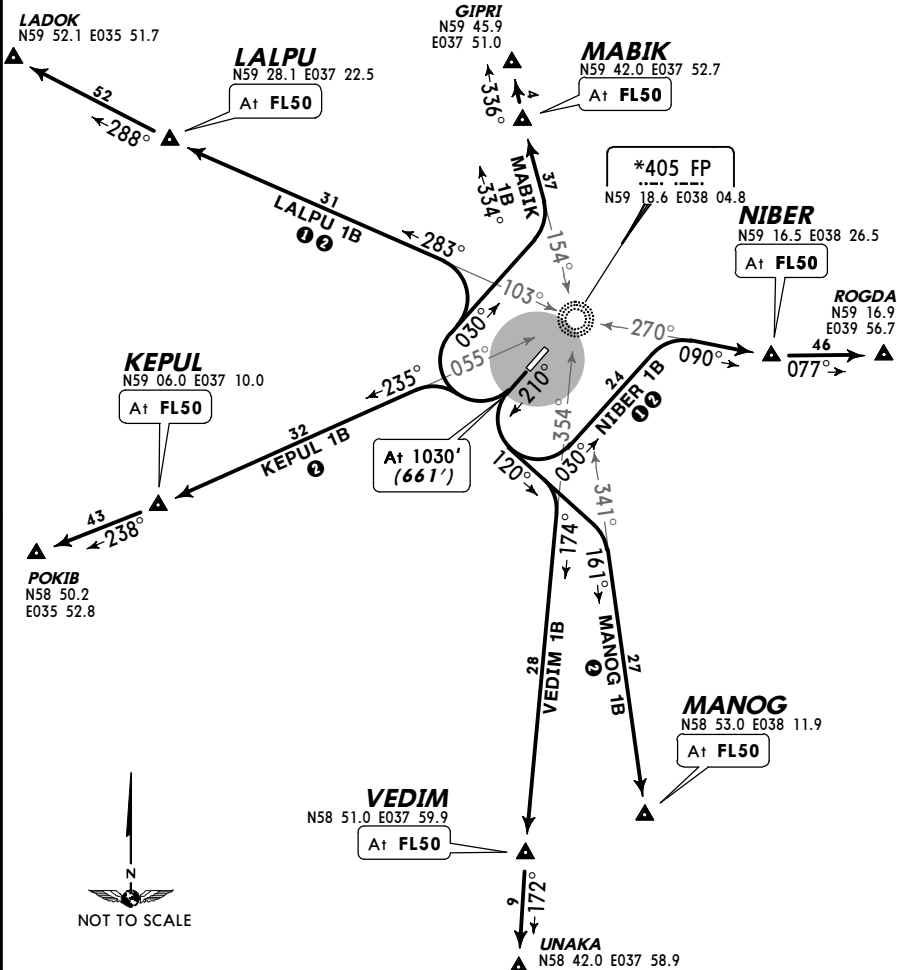
QNH on request (QFE)

Trans level: By ATC Trans alt (hgt): 2680' (2311')



KEPUL 1B [KEPU1B], LALPU 1B [LALP1B] ①
MABIK 1B [MABI1B], MANOG 1B [MANO1B]
NIBER 1B [NIBE1B] ①, VEDIM 1B [VEDI1B]
RWY 21 DEPARTURES

- ① By ATC.
- ② Only for Russian users of airspace.



ALT/HEIGHT CONVERSION
QNH (QFE)
1030' (661' - 200m)
2680' (2311' - 700m)

ULWC/CEE

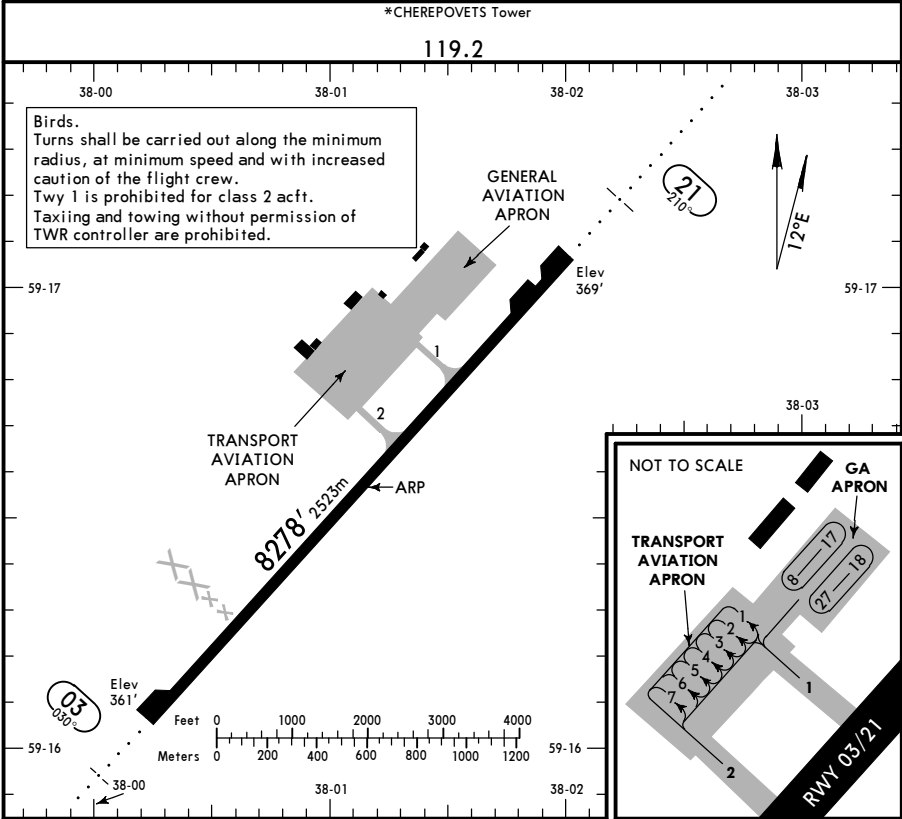
Apt Elev **377'**
N59 16.6 E038 01.1

JEPPesen

27 NOV 15 **(10-9)** Eff 10 Dec

CHEREPOVETS, RUSSIA

CHEREPOVETS



ADDITIONAL RUNWAY INFORMATION

RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			Threshold	Landing Beyond Glide Slope		
03	RL (57-60m)	ALS				138'
21	RL (57-60m)	ALS	PAPI-L (angle 2.67°)	7245' 2208m	1	42m

1 TAKE-OFF RUN AVAILABLE

RWY 03:

From rwy head 8278' (2523m)
twy 2 int 3077' (938m)
twy 1 int 2402' (732m)

RWY 21:

From rwy head 8278' (2523m)
twy 1 int 5876' (1791m)
twy 2 int 5200' (1585m)

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

ULWC/CEE

27 NOV 15
Eff 10 Dec


JEPPESSEN

10-9S

Standard
CHEREPOVETS, RUSSIA
CHÉREPOVETS

STRAIGHT-IN RWY		A	B	C	D
03	RNAV ①	820'(459') R1500m	820'(459') R1500m	820'(459') R1900m	820'(459') R1900m
	ALS out	R1500m	R1500m	C2100m	C2100m
	2 NDB ①②	820'(459') R1900m	820'(459') R1900m	820'(459') R1900m	820'(459') R1900m
	ALS out	C2100m	C2100m	C2100m	C2100m
	2 NDB ③	1670'(1309') C5000m	1670'(1309') C5000m	1670'(1309') C5000m	1670'(1309') C5000m
	OW NDB ①②	910'(549') C2300m	910'(549') C2300m	910'(549') C2300m	910'(549') C2300m
	ALS out	C2500m	C2500m	C2500m	C2500m
	OW NDB ③	1670'(1309') C5000m	1670'(1309') C5000m	1670'(1309') C5000m	1670'(1309') C5000m
21	ILS	567'(200') R1000m	567'(200') R1000m	567'(200') R1000m	574'(207') R1000m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	RNAV ①	730'(363') R1500m	730'(363') R1500m	730'(363') R1500m	730'(363') R1500m
	ALS out	R1500m	R1500m	R1700m	R1700m
	2 NDB ①②	720'(353') R1400m	720'(353') R1400m	720'(353') R1400m	720'(353') R1400m
	ALS out	R1500m	R1500m	R1600m	R1600m
	2 NDB ③	1060'(693') C3200m	1060'(693') C3200m	1060'(693') C3400m	1060'(693') C3400m
	ALS out	C3400m	C3400m	C3600m	C3600m
	FP NDB ①②	810'(443') R1500m	810'(443') R1500m	810'(443') R1900m	810'(443') R1900m
	ALS out	R1500m	R1500m	C2100m	C2100m
	FP NDB ③	1220'(853') C4000m	1220'(853') C4000m	1220'(853') C4200m	1220'(853') C4200m
	ALS out	C4200m	C4200m	C4400m	C4400m

① Continuous Descent Final Approach.

② with FAF

③ w/o FAF

ULWC/CEE

 **JEPPESSEN**

27 NOV 15
Eff 10 Dec

(10-9SI)

Standard

CHEREPOVETS, RUSSIA

CHEREPOVETS

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
After apch to rwy 03 ❶	940' (579') V1500m ❸	940' (579') V1600m ❸	1070' (709') V2400m ❸	1070' (709') V3600m ❸
After apch to rwy 21 ❷	960' (593') V1500m ❸	960' (593') V1600m ❸	1070' (703') V2400m ❸	1070' (703') V3600m ❸

- ❶ Circling height based on rwy 03 thresh elev of 361'.
❷ Circling height based on rwy 21 thresh elev of 367'.
❸ or higher minimums of preceding straight-in approach.

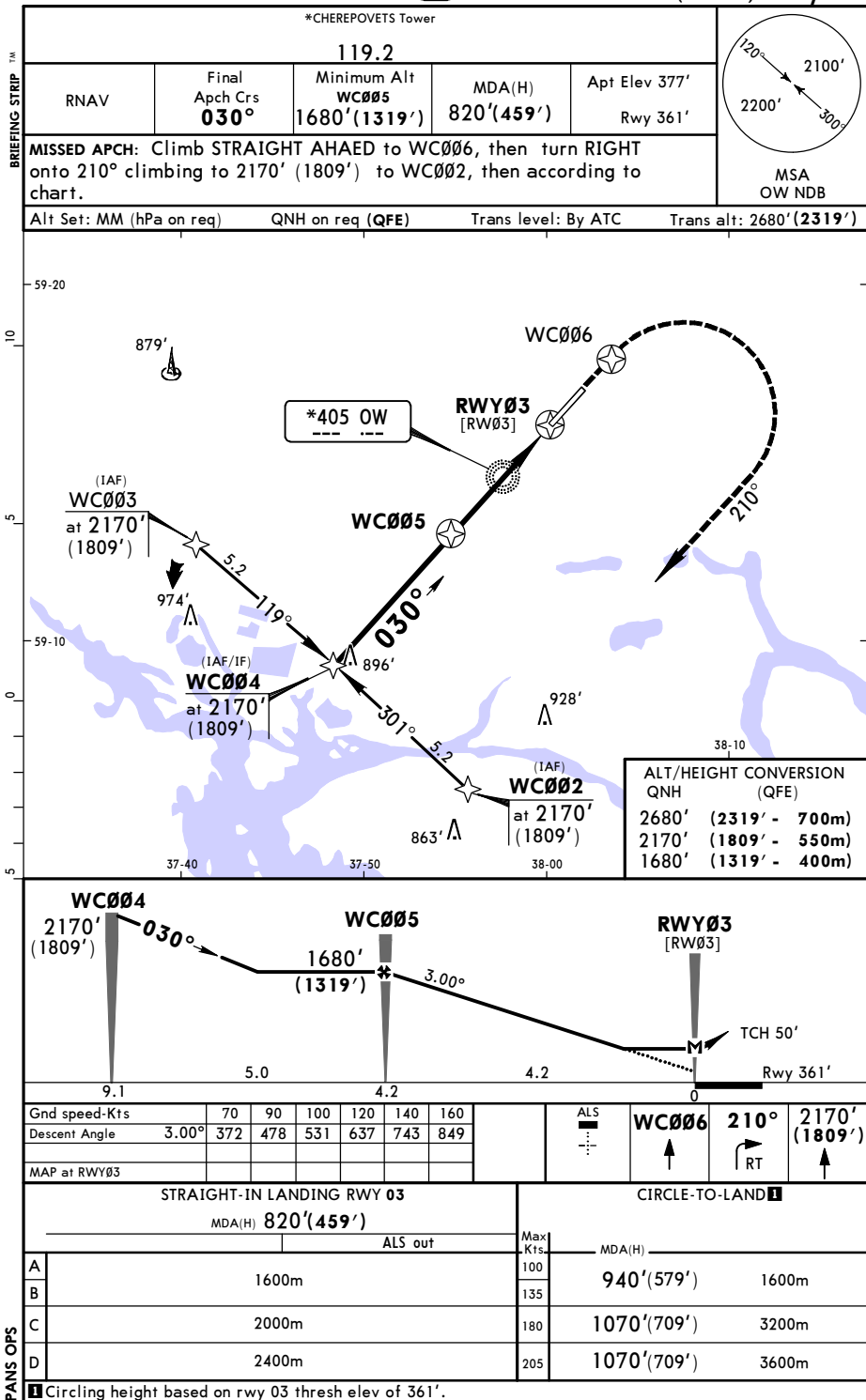
TAKE-OFF RWY 03, 21		
LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	250m	400m
B		
C		
D	300m	NIL (DAY only)

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ULWC/CEE
CHEREPOVETS

JEPPESSEN
27 NOV 15 (12-1)

CHEREPOVETS, RUSSIA
RNAV (GNSS) Rwy 03

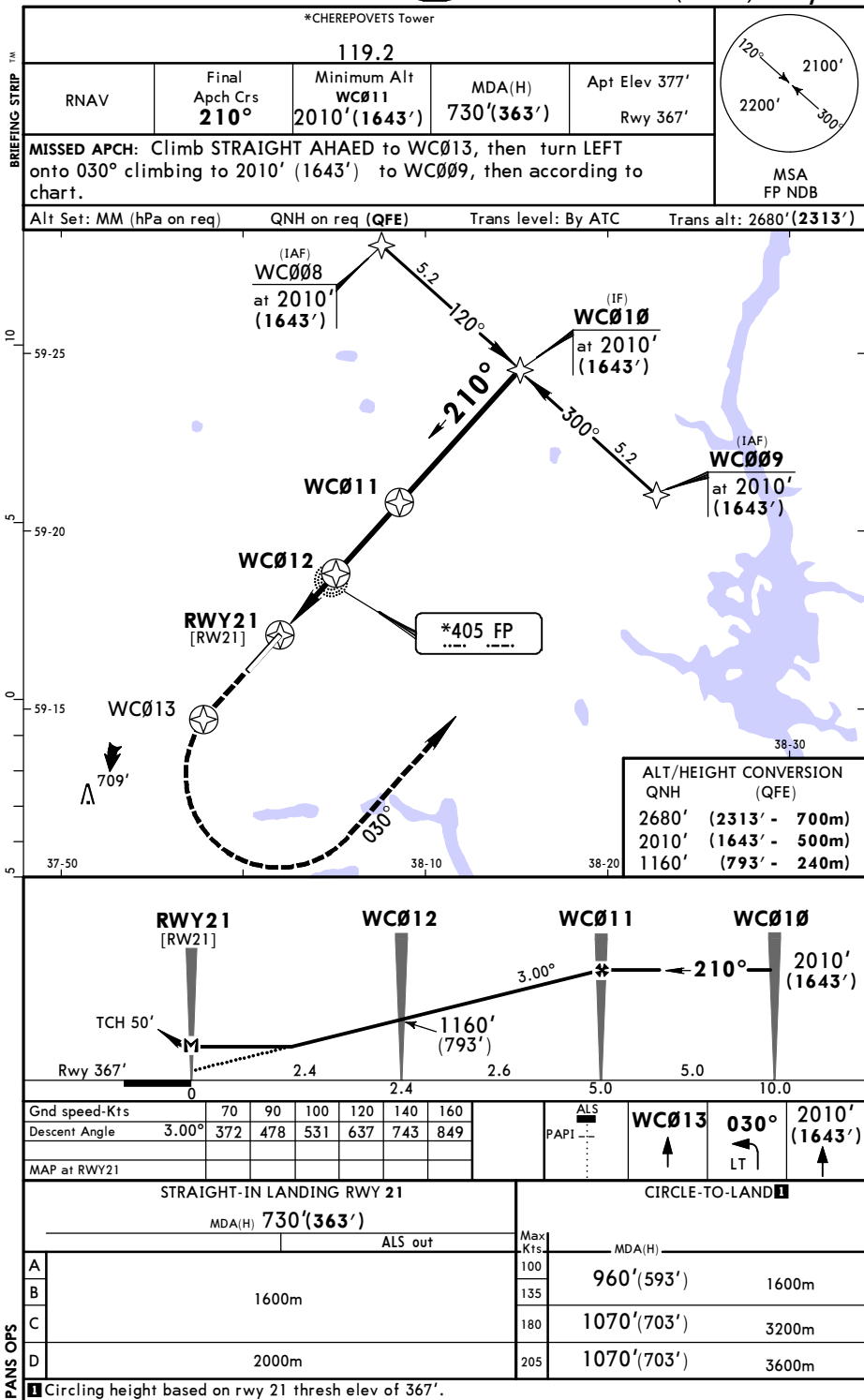


ULWC/CEE
CHEREPOVETS

JEPPesen
27 NOV 15 12-2

Eff 10 Dec

CHEREPOVETS, RUSSIA
RNAV (GNSS) Rwy 21

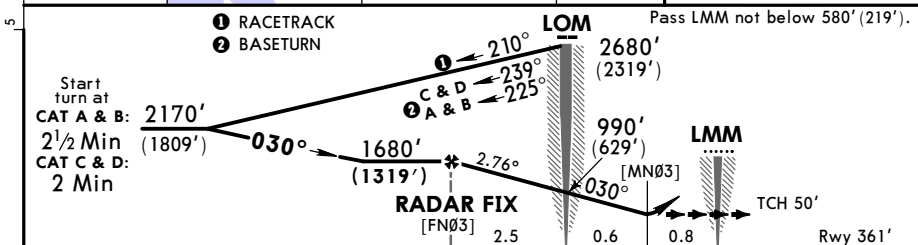
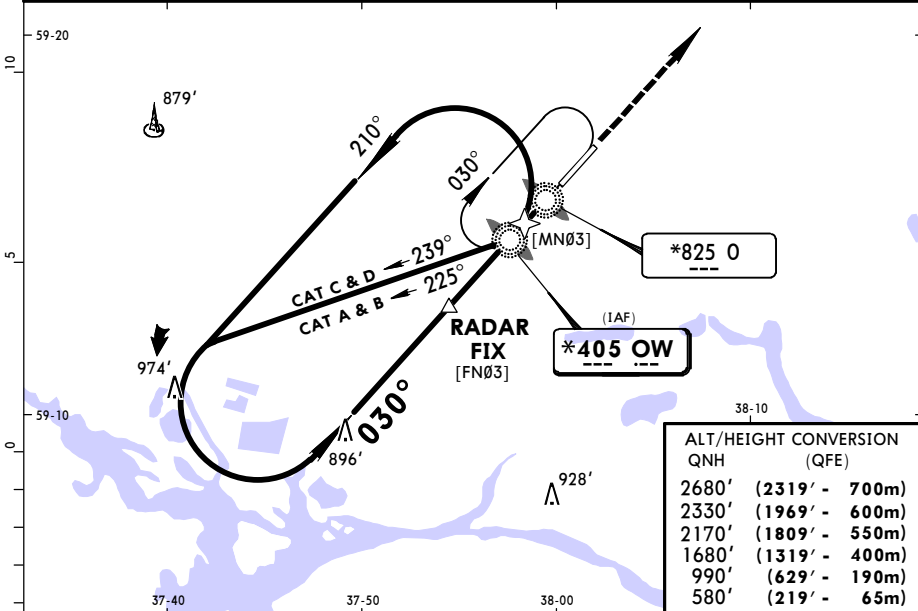


ULWC/CEE
CHEREPOVETS

JEPPesen
27 NOV 15
Eff 10 Dec 16-1

CHEREPOVETS, RUSSIA
2 NDB or NDB Rwy 03

*CHEREPOVETS Tower					
119.2					
NDB OW *405	Final Apch Crs 030°	Minimum Alt RADAR FIX 1680'(1319')	MDA(H) Refer to Minimums	Apt Elev 377' Rwy 361'	
MISSED APCH: Climb STRAIGHT AHEAD to 2330' (1969'), then follow ATC instruction.					
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: By ATC	
				Trans alt: 2680' (2319')	



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 2.76°	342	439	488	586	683	781

STRAIGHT-IN LANDING RWY 03				CIRCLE-TO-LAND 1			
with FAF 2 NDB		w/o FAF		with FAF OW NDB		w/o FAF	
MDA(H) 820'(459')		MDA(H) 1670'(1309')		MDA(H) 910'(549')		MDA(H) 1670'(1309')	
ALS out		ALS out		ALS out		ALS out	
A		3200m		3200m		3200m	
B		3200m		3200m		3200m	
C		3200m		3200m		3200m	
D		4800m		4800m		4800m	

1 Circling height based on rwy 03 thresh elev of 361'. 2 or higher minimums of preceding straight-in apch.

CHANGES: Minimums.

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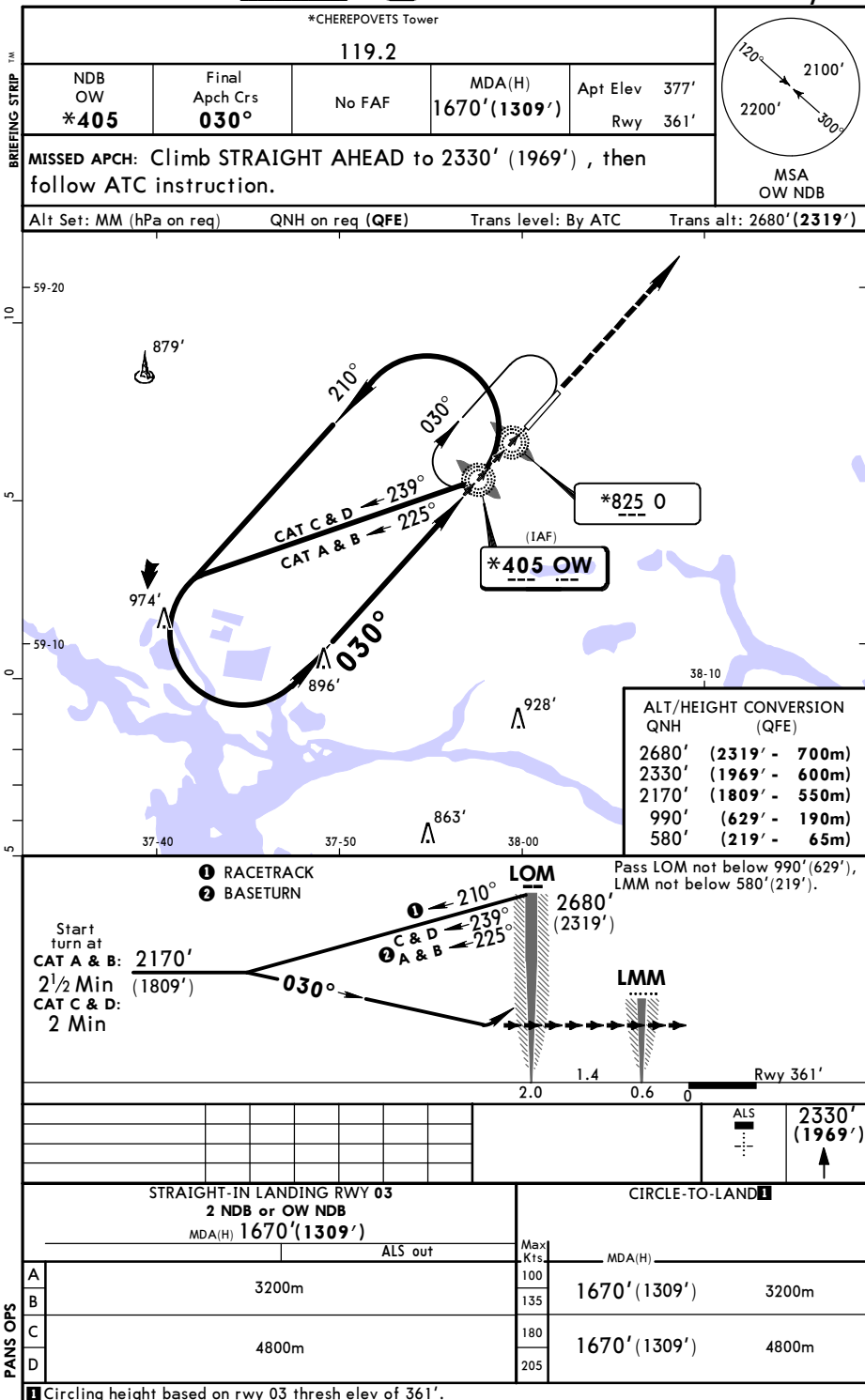
ULWC/CEE
CHEREPOVETS

27 NOV 15
Eff 10 Dec

JEPPSEN
(16-2)

without RADAR

CHEREPOVETS, RUSSIA
2 NDB or NDB Rwy 03



ULWC/CEE
CHEREPOVETS

27 NOV 15
Eff 10 Dec

JEPPSEN

16-3

CHEREPOVETS, RUSSIA
2 NDB or NDB Rwy 21

BREFFING STRIP™

*CHEREPOVETS Tower

119.2

NDB
FP
*405

Final
Apch Crs
210°

Minimum Alt
RADAR FIX
2010'(1643')

MDA(H)
Refer to
Minimums

Apt Elev 377'
Rwy 367'

MISSED APCH: Climb STRAIGHT AHEAD to 2340' (1973'), then
follow ATC instructions.

MSA FP NDB

Alt Set: MM (hPa on req)

QNH on req (QFE)

Trans level: By ATC

Trans alt: 2680'(2313')

120°

2100'

2200'

300°

59-25

59-20

59-15

37-50

38-00

38-10

38-20

030° CAT C & D

351° C & D

012° A & B

048° CAT A & B

069° CAT C & D (IAF)

210°

686'

[MN21]

*405 FP

*825 F

By ATC

38-30

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2313' - 700m)
2340' (1973' - 600m)
2010' (1643' - 500m)
570' (203' - 60m)

Pass LMM not below 570'(203').

2680' (2313')

LOM

030° C & D ②

351° C & D ②

012° A & B ③

048° A & B ③

069° C & D ③

210°

2010' (1643')

Start turn at CAT A & B: 2 Min
CAT C & D: 1½ Min

RADAR FIX [FN21]

1030' (663')

2.74°

LMM

[MN21]

TCH 50'

Rwy 367'

0 0.5 1.0 2.1 3.5

Gnd speed-Kts	70	90	100	120	140	160	ALS	2340' (1973')
Descent Angle 2.74°	339	436	485	582	679	775	PAPI	

STRAIGHT-IN LANDING RWY 21						CIRCLE-TO-LAND	
with FAF 2 NDB		w/o FAF		FP NDB			
MDA(H) 720'(353')		MDA(H) 1060'(693')		MDA(H) 810'(443')		MDA(H) 1220'(853')	
ALS out		ALS out		ALS out		ALS out	
PANS OPS	A					Max Kts	MDA(H)
	B					100	960'(593') 2 2000m
	C	2000m		2500m		135	
	D					180	1070'(703') 2 3200m
						205	1070'(703') 2 3600m

① Circling height based on rwy 21 thresh elev of 367'. ② or higher minimums of preceding straight-in in apch.

CHANGES: Procedure. Minimums.

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Chart changes since cycle 12-2016

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

ACT PROCEDURE IDENT

INDEX

REV DATE

EFF DATE

CHEREPOVETS, (CHEREPOVETS - ULWC)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ULWC