

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UUOL

Terminal Charts For UUOL

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: LIPETSK RUS
ICAO/IATA: UUOL / LPK
Lat/Long: N52° 42.2', E039° 32.3'
Elevation: 587 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 10.0° 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: 0134 Z
Sunset: 1703 Z

Runway Information

Runway: 15
Length x Width: 7195 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 577 ft
Lighting: Edge, ALS

Runway: 33
Length x Width: 7195 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 571 ft
Lighting: Edge
Displaced Threshold: 492 ft

Communication Information

Lipetsk Tower: 126.300
Lipetsk Tower: 124.000 Secondary Non-English
Lipetsk Transit Operations: 127.400 Non-English

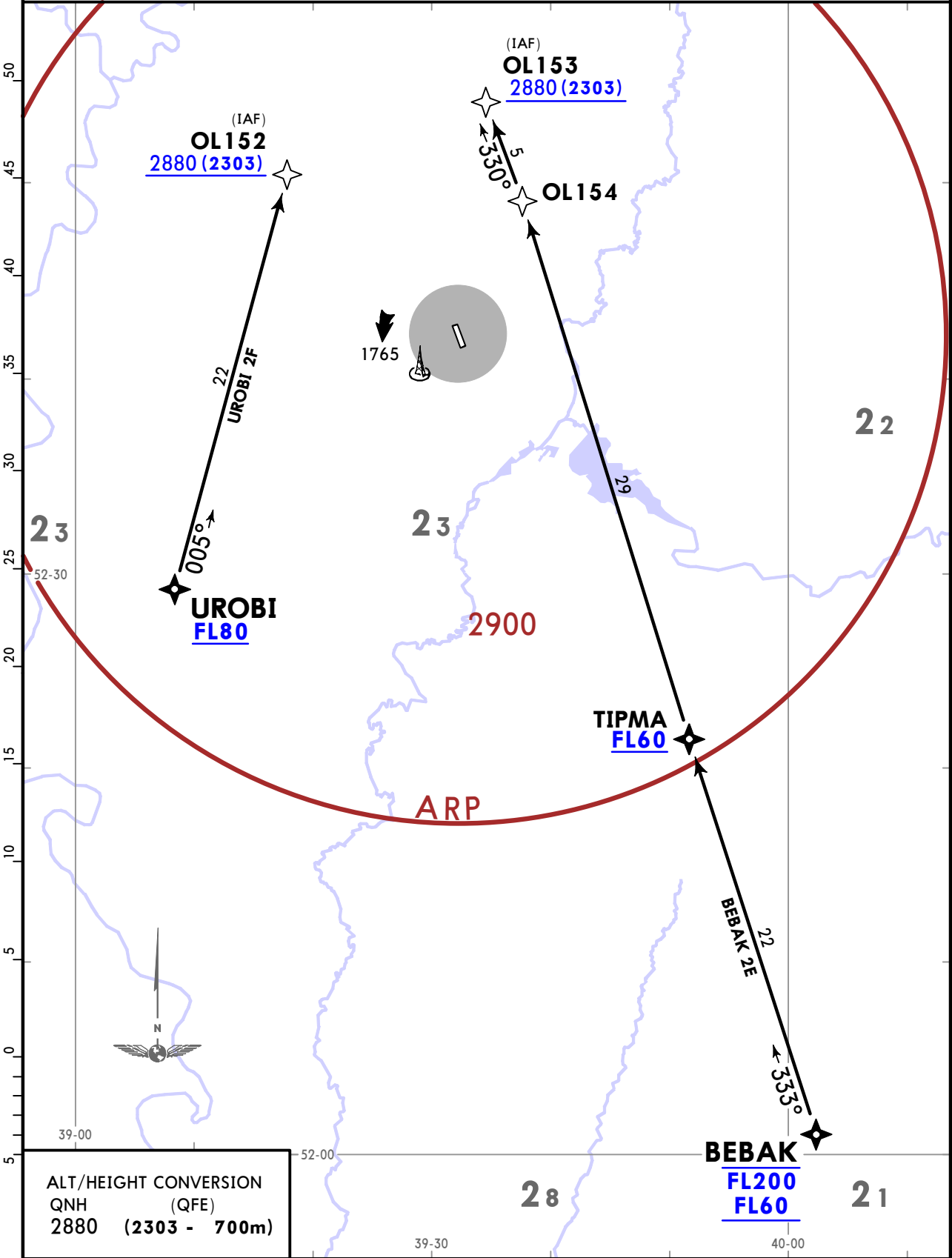
UUOL/LPK
LIPETSK

 **JEPPESSEN**
6 OCT 17 **10-2**

LIPETSK, RUSSIA
RNAV STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa) 1. RNAV (GNSS) 2. RNAV 1
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BEBAK 2E [BEBA2E]
UROBI 2F [UROB2F]
RWY 15 RNAV ARRIVALS
BY ATC



UUOL/LPK
LIPETSK



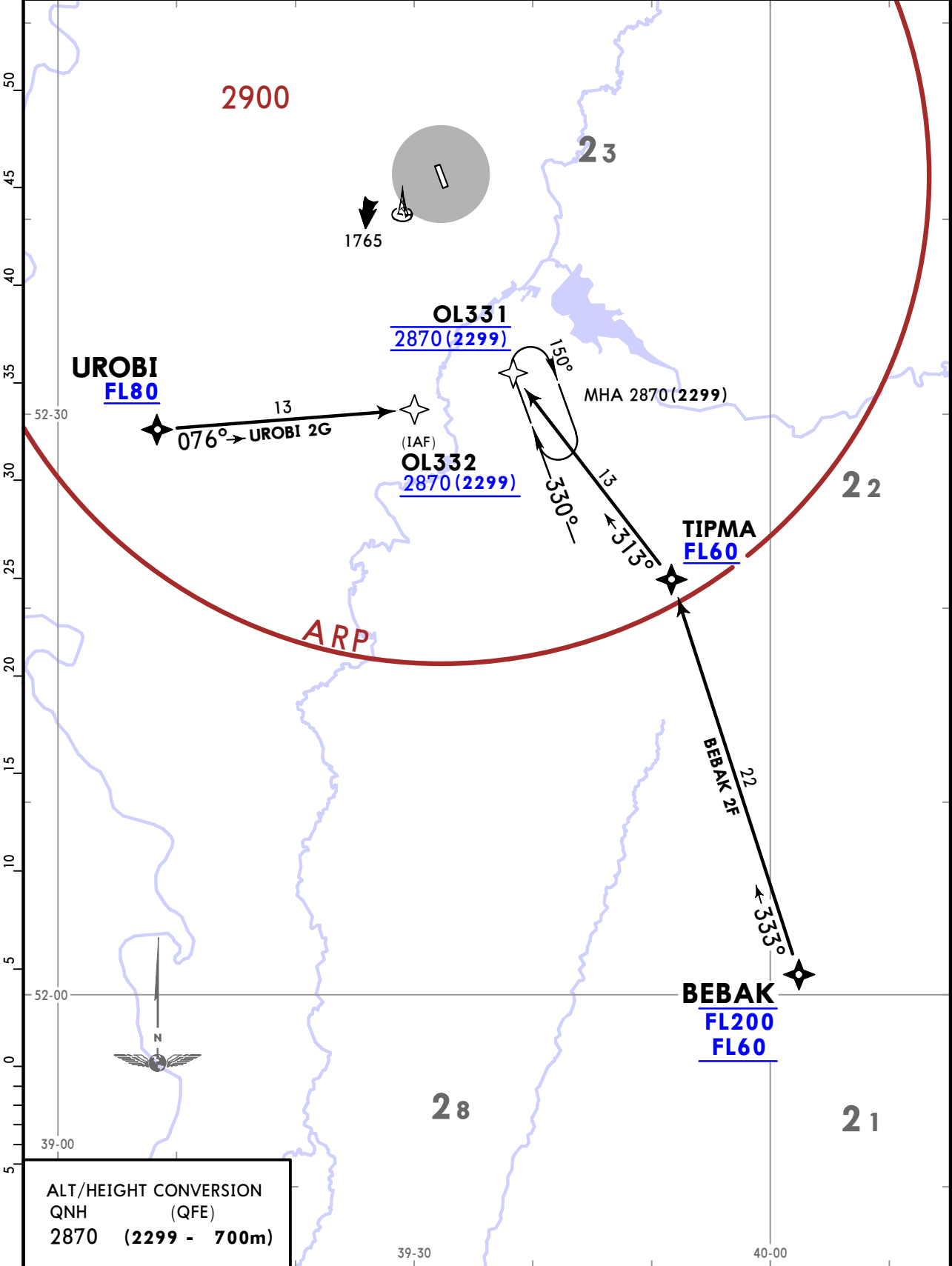
6 OCT 17 (10-2A)

LIPETSK, RUSSIA

RNAV STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE)
	Trans level: FL60
	FL70 if pressure is less than 733 mm (977.3 hPa)
1. RNAV (GNSS)	
2. RNAV 1	

BEBAK 2F [BEBA2F]
UROBI 2G [UROB2G]
RWY 33 RNAV ARRIVALS
BY ATC



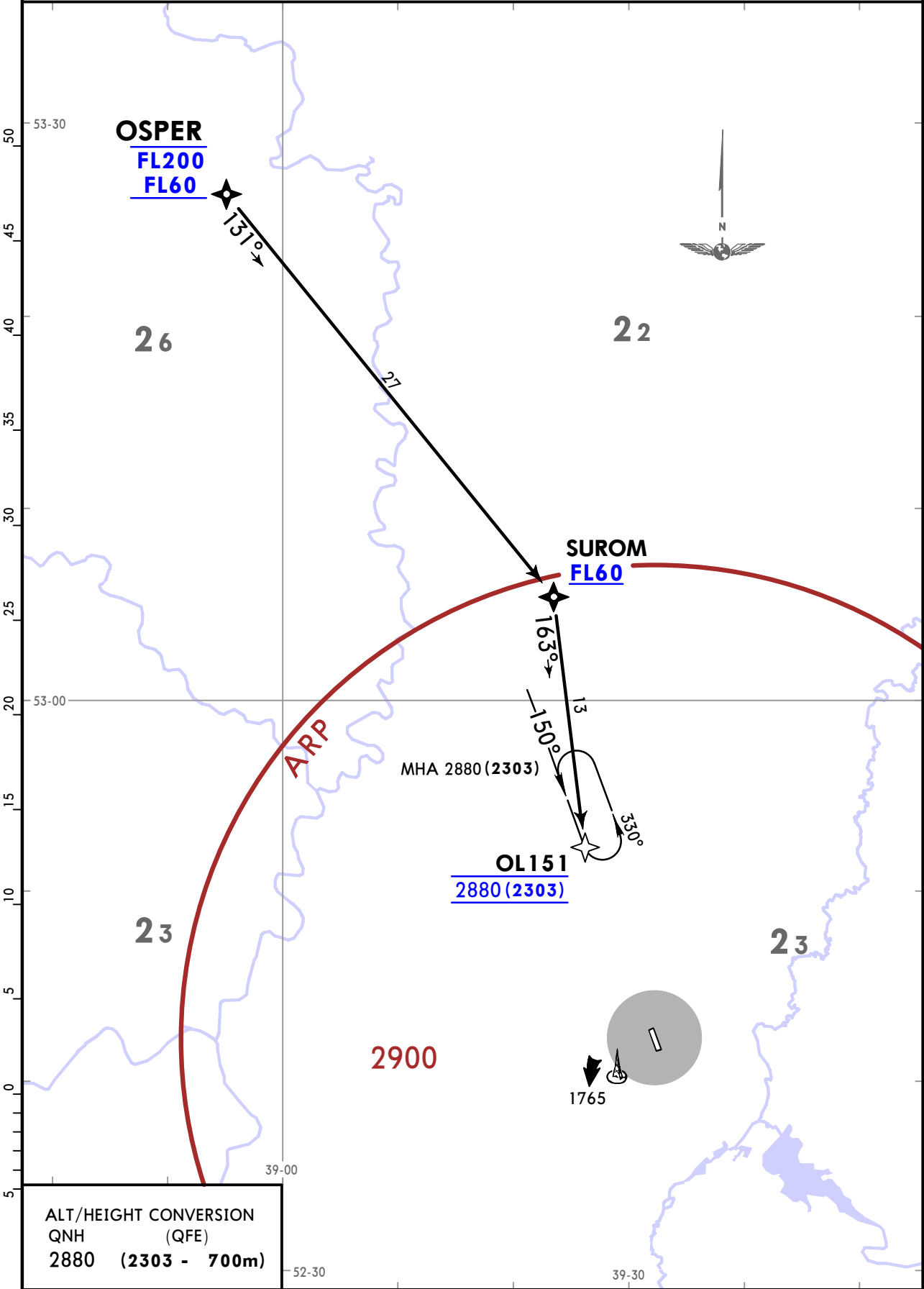
UUOL/LPK
LIPETSK

JEPPESSEN
6 OCT 17 (10-2B)

LIPETSK, RUSSIA
RNAV STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE)
	Trans level: FL60
	FL70 if pressure is less than 733 mm (977.3 hPa)
1. RNAV (GNSS)	
2. RNAV 1	

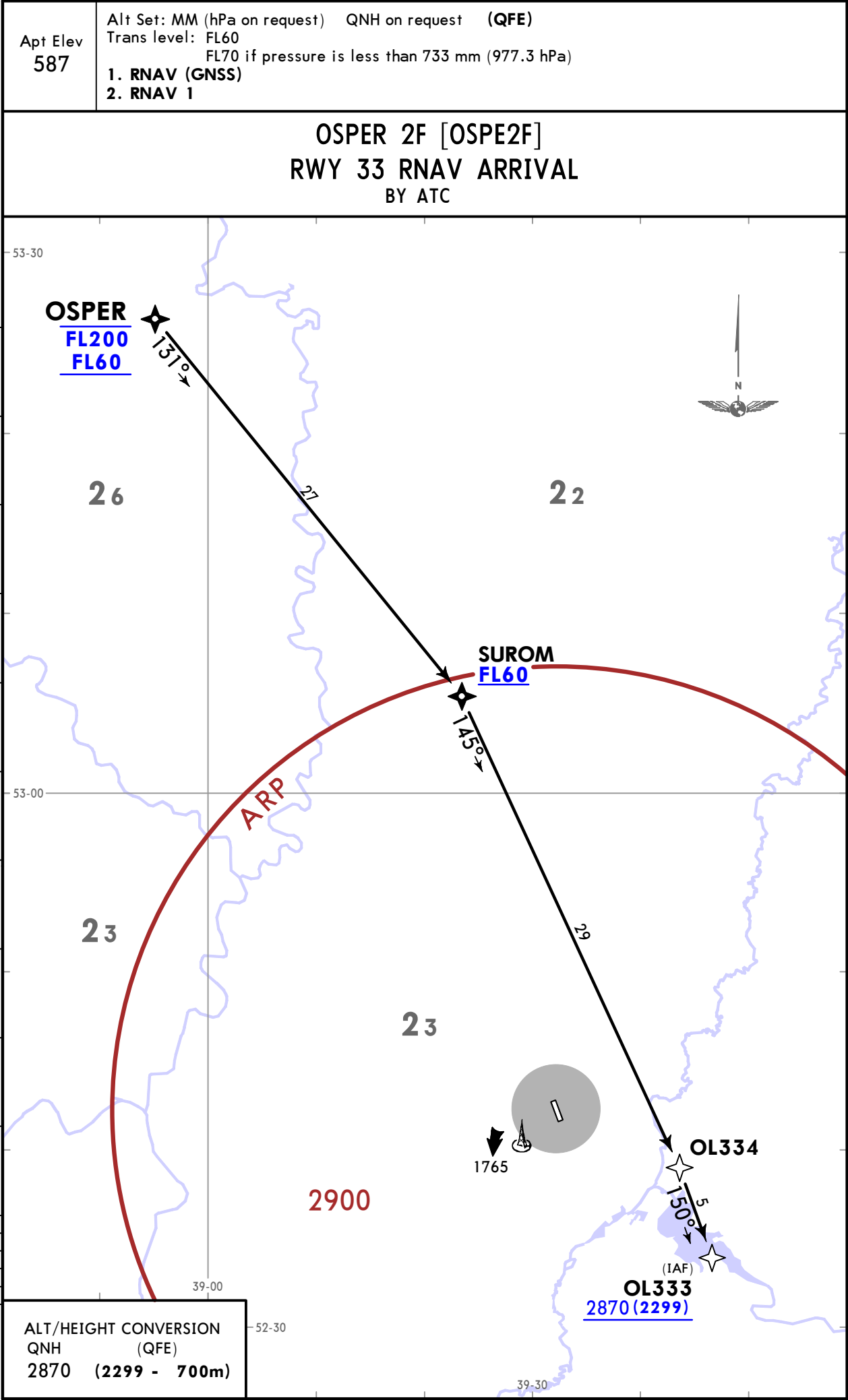
OSPER 2E [OSPE2E]
RWY 15 RNAV ARRIVAL



UUOL/LPK
LIPETSK

JEPPESSEN
6 OCT 17 (10-2C)

LIPETSK, RUSSIA
RNAV STAR



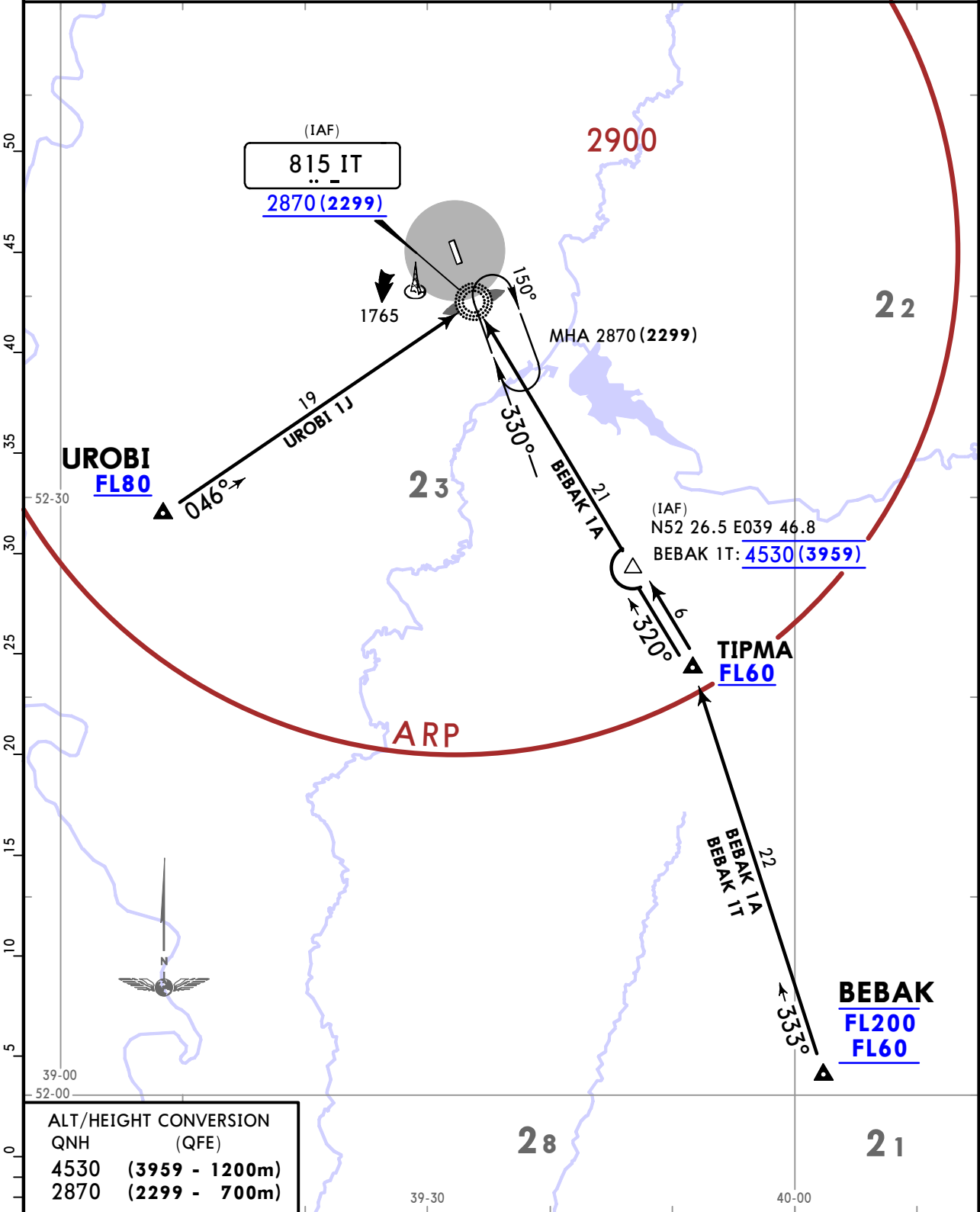
UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 10-2D Eff 14 Sep

LIPETSK, RUSSIA
STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa)
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BEBAK 1A [BEBA1A], BEBAK 1T [BEBA1T]
UROBI 1J [UROB1J]
RWY 33 ARRIVALS



ALT/HEIGHT CONVERSION	
QNH	(QFE)
4530	(3959 - 1200m)
2870	(2299 - 700m)

STAR	ROUTING
BEBAK 1A By ATC	On 333° track to TIPMA, then 320° bearing to IT.
BEBAK 1T By ATC	On 333° track to TIPMA, then 320° bearing to N52 26.5 E039 46.8.
UROBI 1J	On 046° bearing to IT.

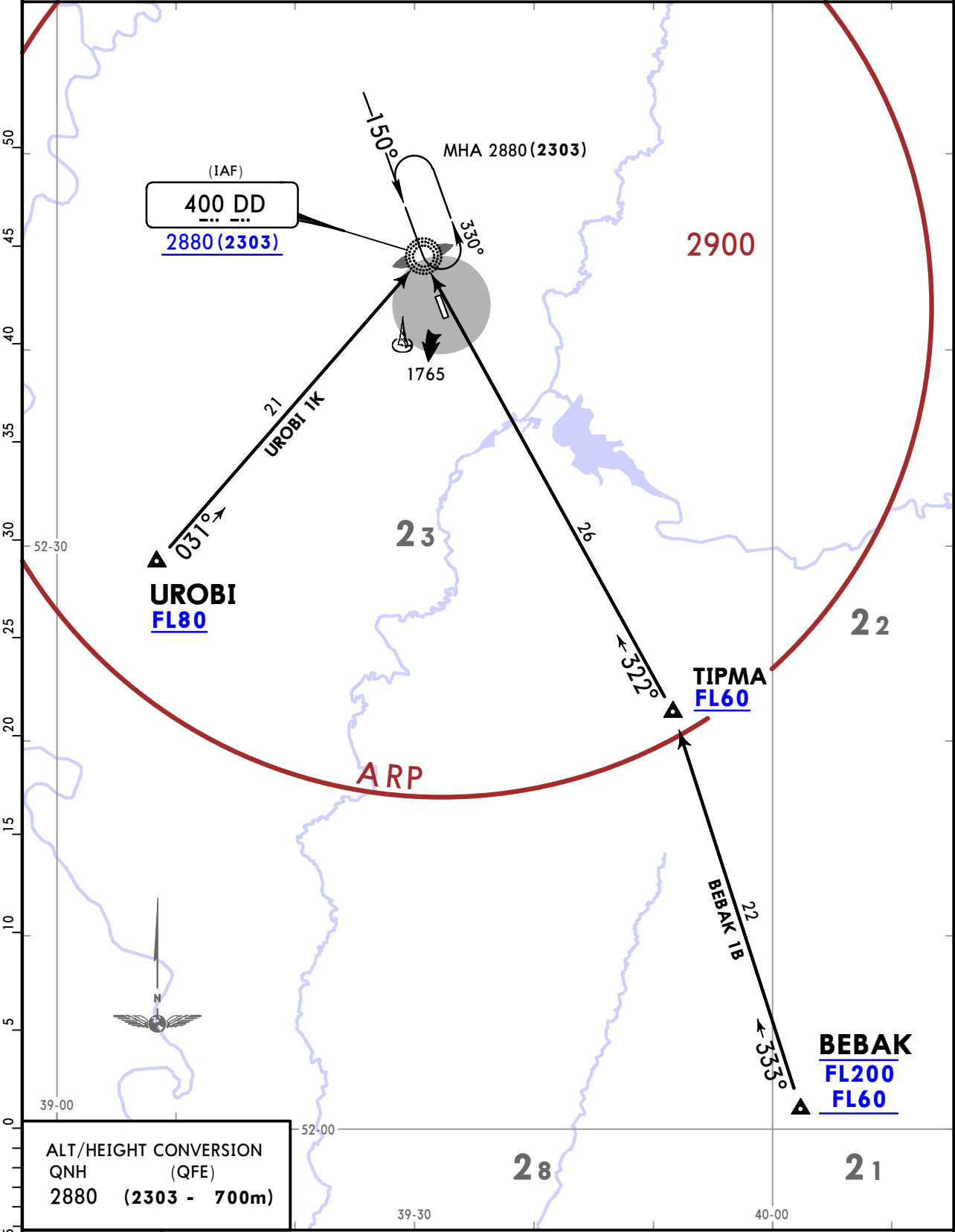
UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 10-2E Eff 14 Sep

LIPETSK, RUSSIA
STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa)
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BEBAK 1B [BEBA1B]
UROBI 1K [UROB1K]
RWY 15 ARRIVALS



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2880	(2303 - 700m)

STAR	ROUTING
BEBAK 1B By ATC	On 333° track to TIPMA, then 322° bearing to DD.
UROBI 1K	On 031° bearing to DD.

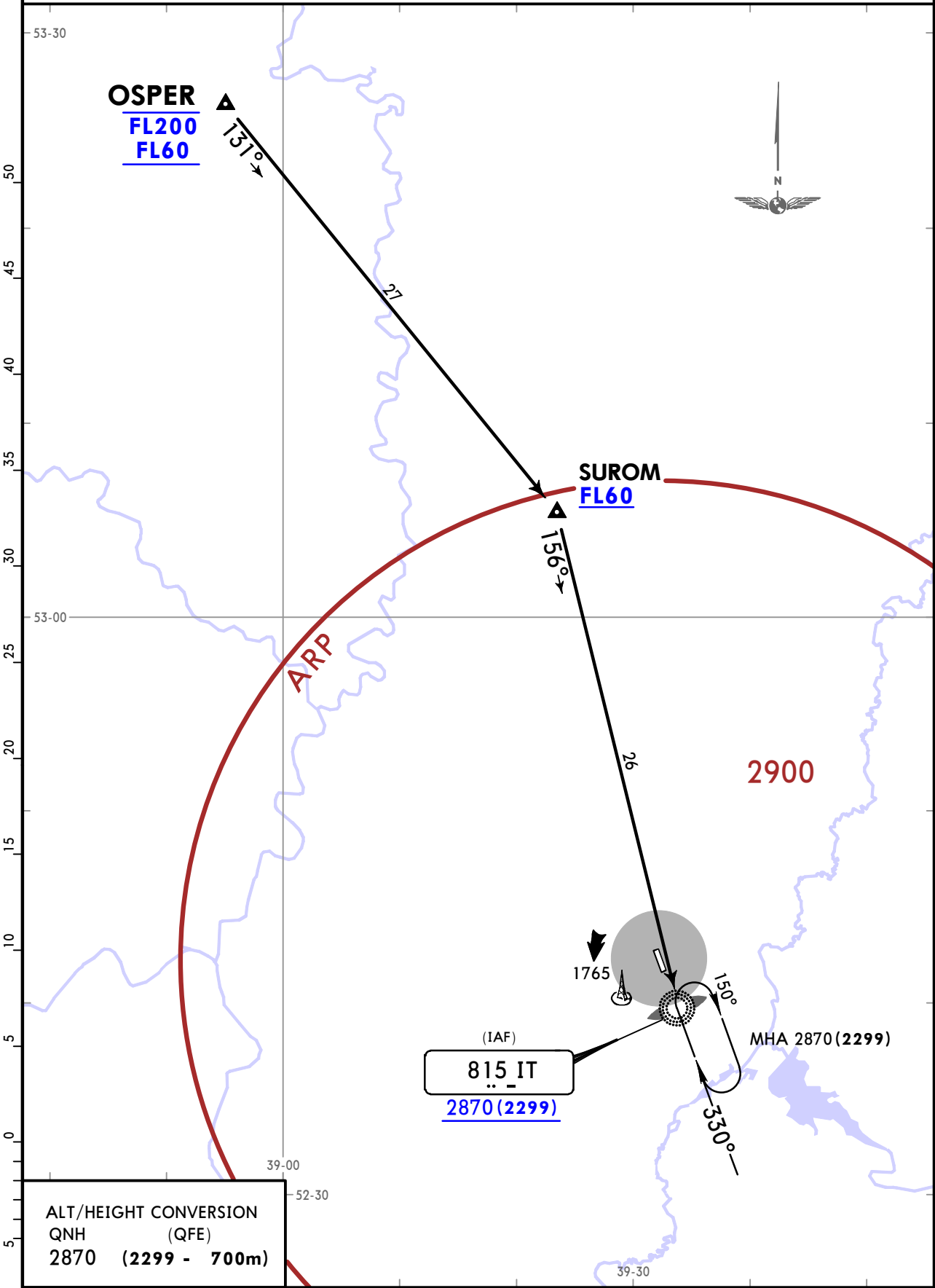
UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 (10-2F) Eff 14 Sep

LIPETSK, RUSSIA
STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa)
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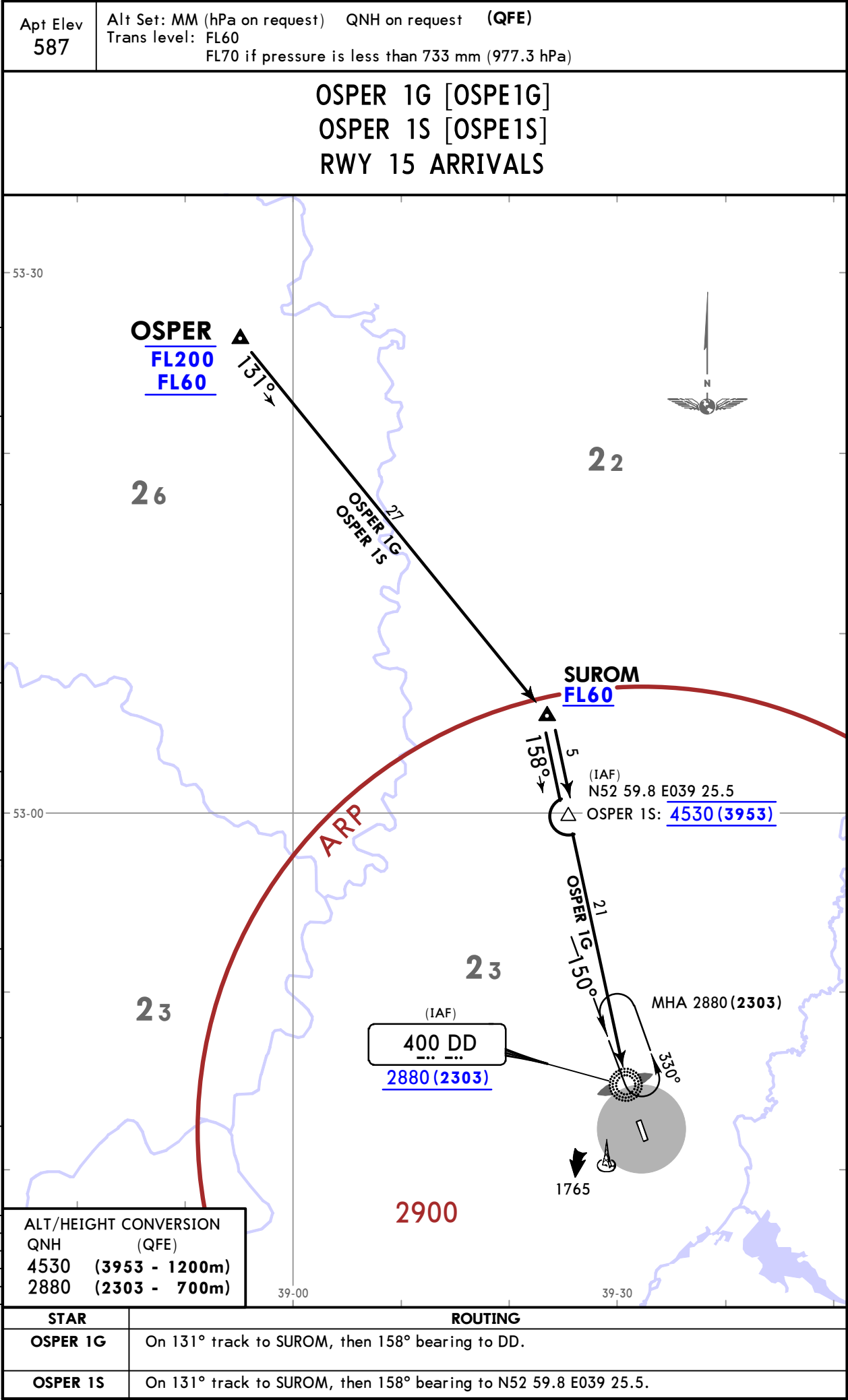
OSPER 1D [OSPE1D]
RWY 33 ARRIVAL



UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 10-2G Eff 14 Sep

LIPETSK, RUSSIA
STAR



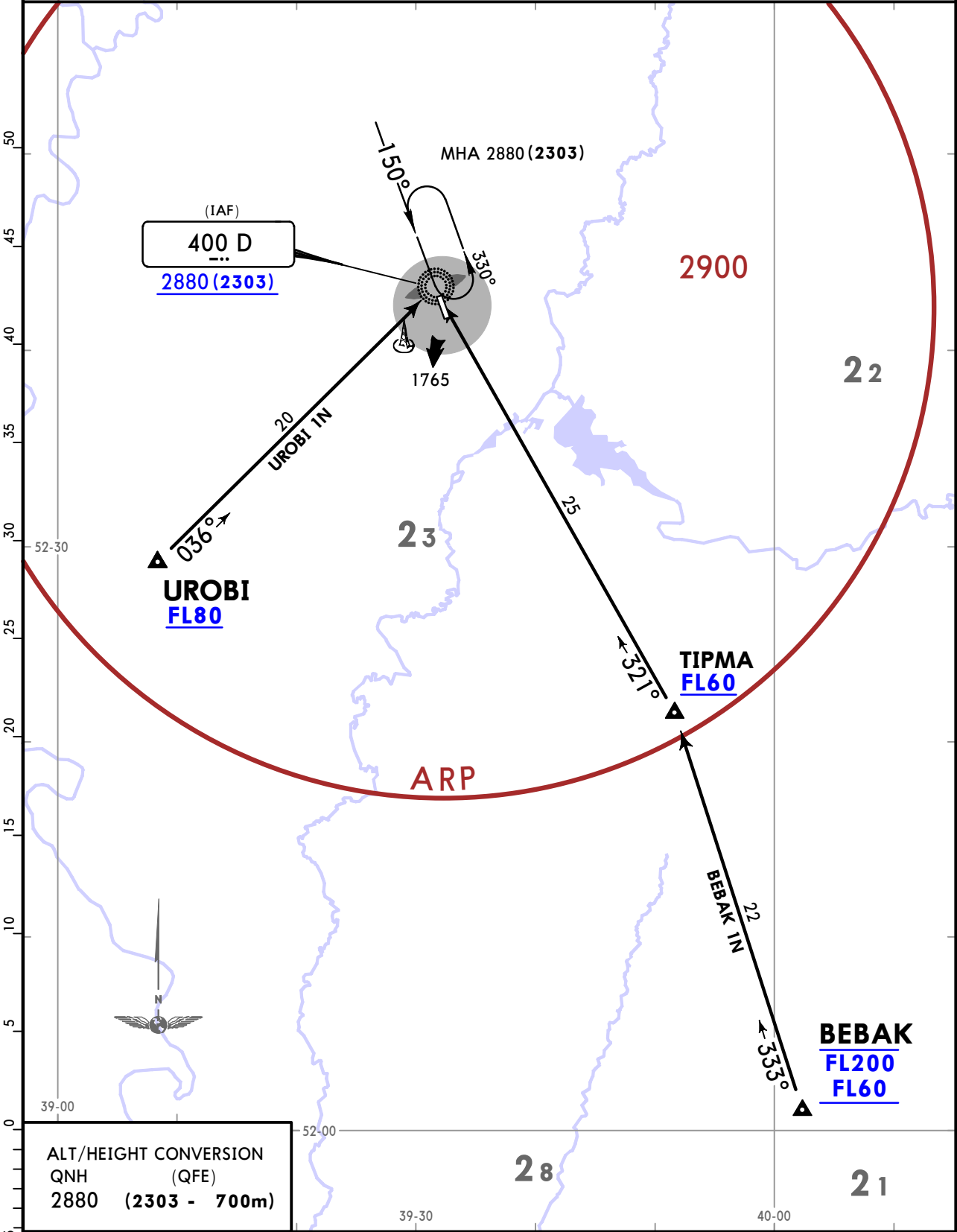
UUOL/LPK
LIPETSK

JEPESEN
8 SEP 17 10-2H Eff 14 Sep

LIPETSK, RUSSIA
STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa)
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BEBAK 1N [BEB A1N]
UROBI 1N [UROB 1N]
RWY 15 ARRIVALS



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2880	(2303 - 700m)

STAR	ROUTING
BEBAK 1N By ATC	On 333° track to TIPMA, then 321° bearing to D.
UROBI 1N	On 036° bearing to D.

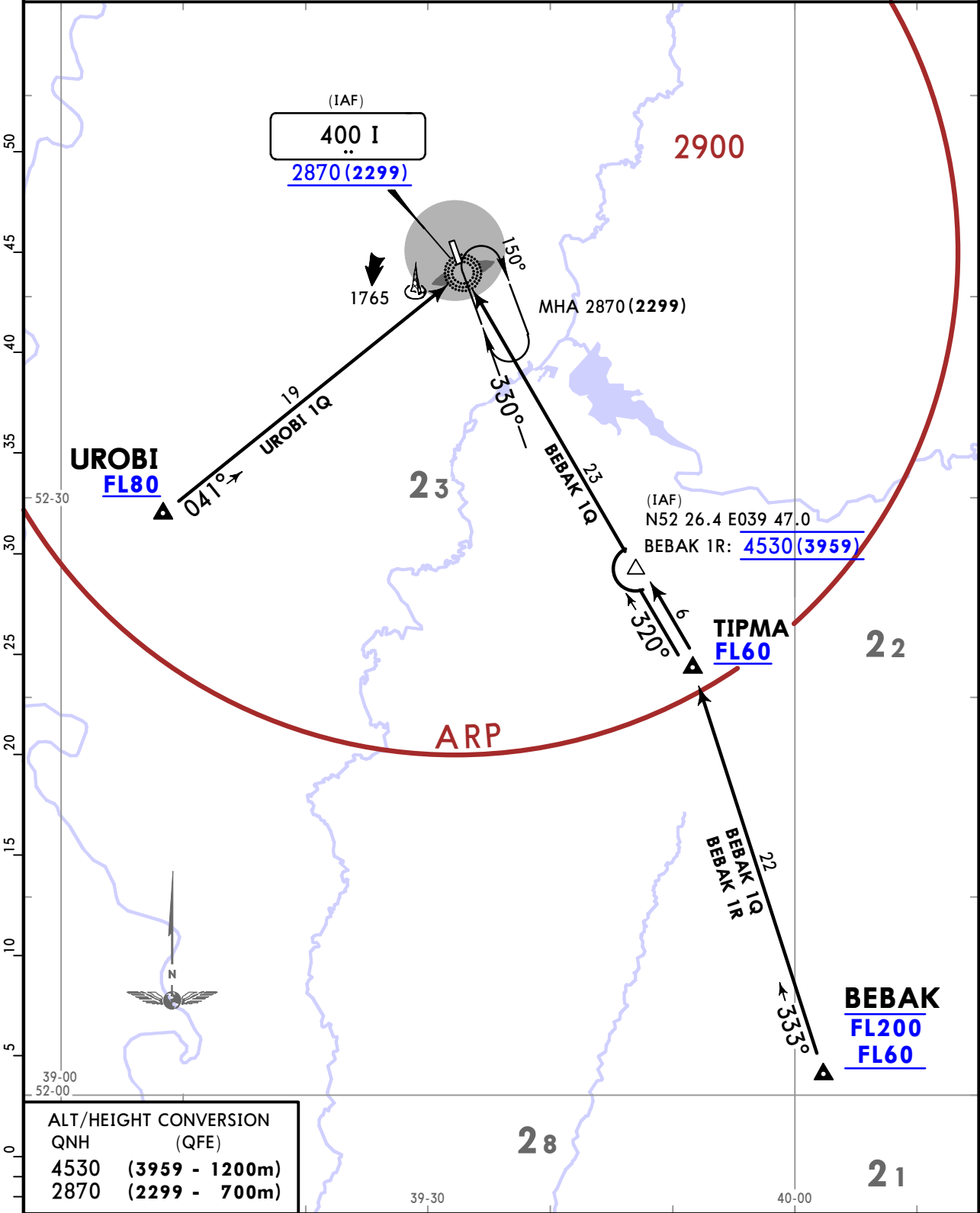
UUOL/LPK
LIPETSK

JEPPesen
8 SEP 17 10-2J Eff 14 Sep

LIPETSK, RUSSIA
STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa)
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BEBAK 1Q [BEBA1Q], BEBAK 1R [BEBA1R]
UROBI 1Q [UROB1Q]
RWY 33 ARRIVALS



ALT/HEIGHT CONVERSION	
QNH	(QFE)
4530	(3959 - 1200m)
2870	(2299 - 700m)

STAR	ROUTING
BEBAK 1Q By ATC	On 333° track to TIPMA, then 320° bearing to I.
BEBAK 1R By ATC	On 333° track to TIPMA, then 320° bearing to N52 26.4 E039 47.0.
UROBI 1Q	On 041° bearing to I.

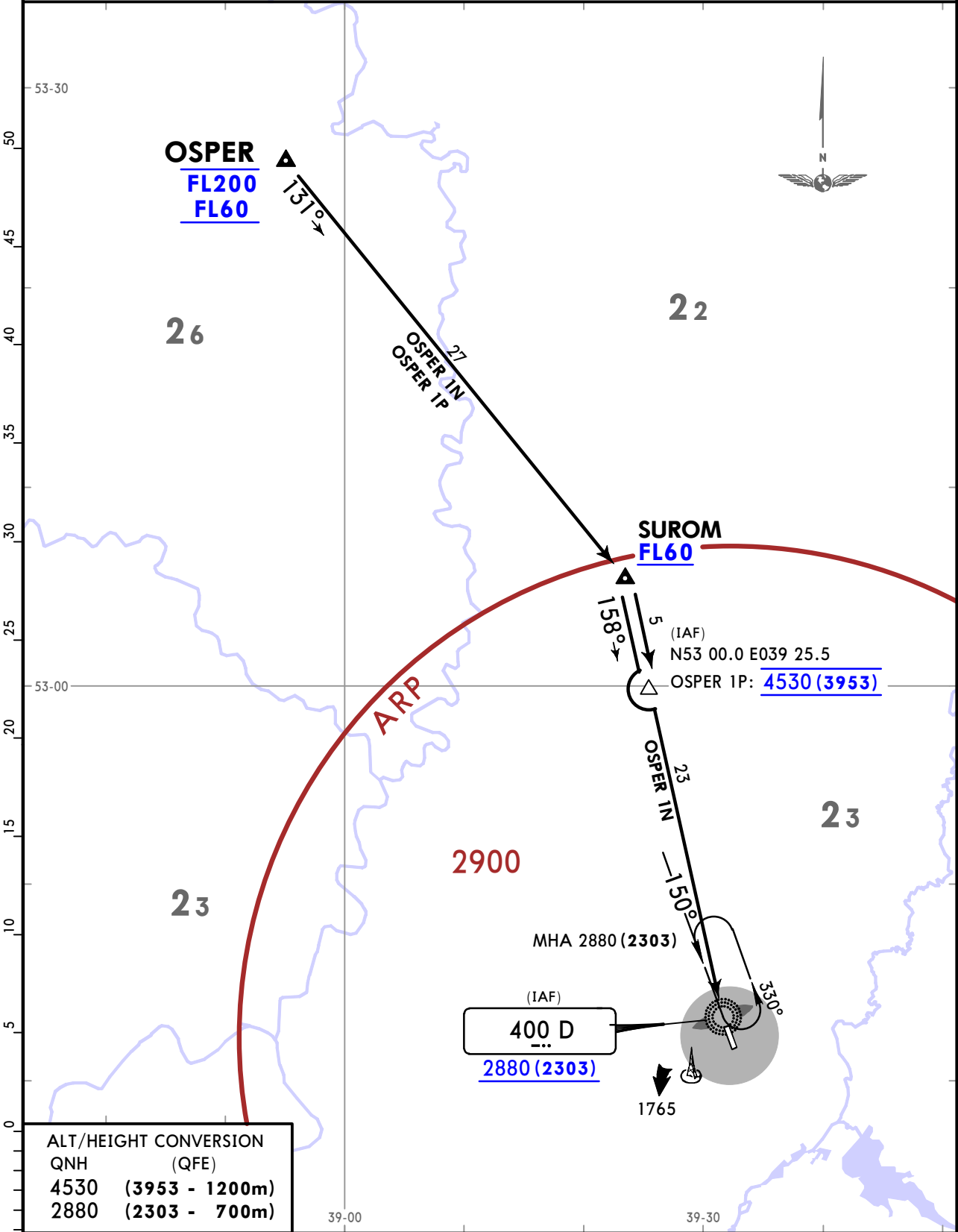
UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 10-2K Eff 14 Sep

LIPETSK, RUSSIA
STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa)
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OSPER 1N [OSPE1N]
OSPER 1P [OSPE1P]
RWY 15 ARRIVALS



STAR	ROUTING
OSPER 1N	On 131° track to SUROM, then 158° bearing to D.
OSPER 1P	On 131° track to SUROM, then 158° bearing to N53 00.0 E039 25.5.

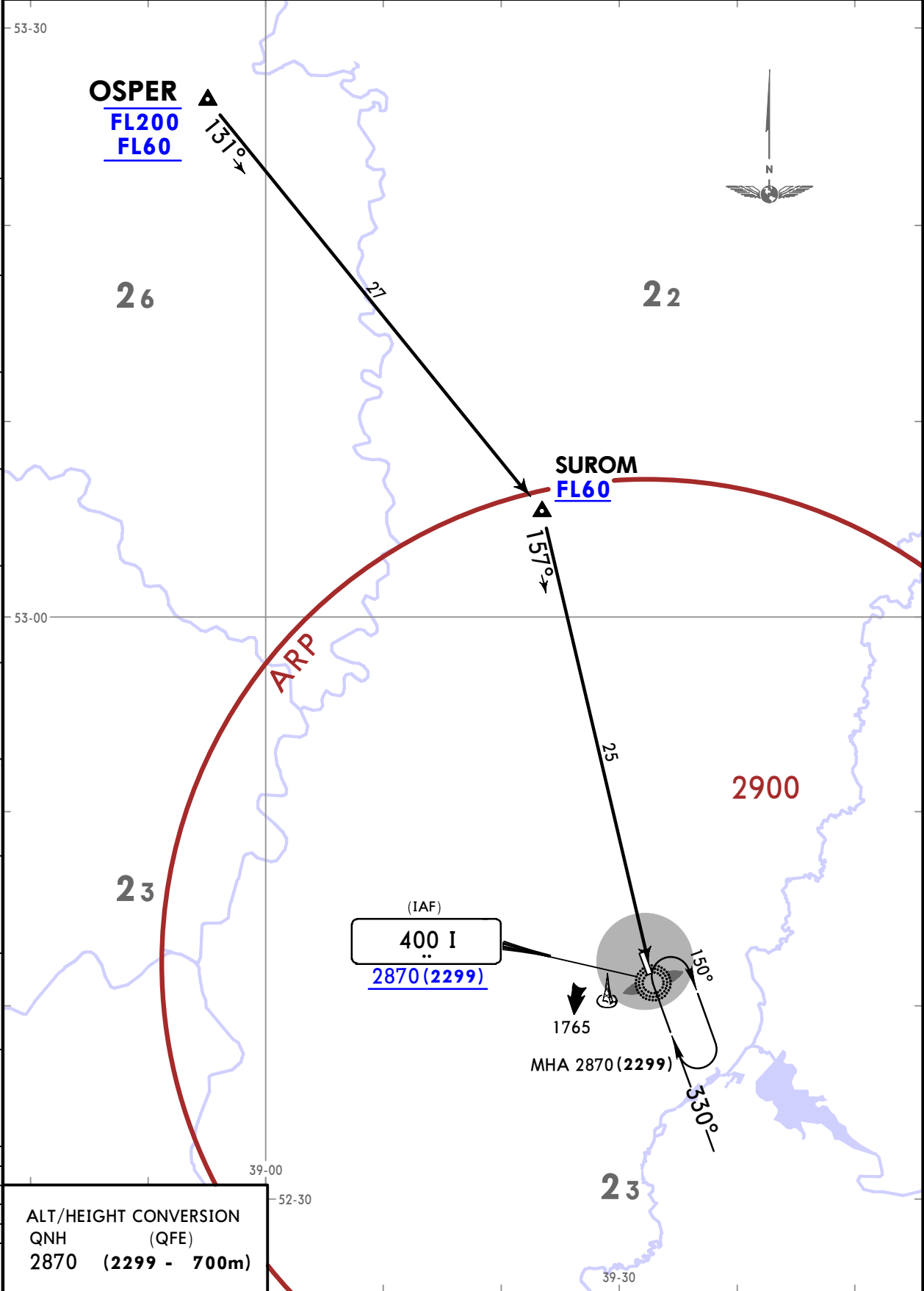
UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 (10-2L) Eff 14 Sep

LIPETSK, RUSSIA
STAR

Apt Elev 587	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 733 mm (977.3 hPa)
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OSPER 1Q [OSPE1Q]
RWY 33 ARRIVAL



ROUTING
On 131° track to SUROM, 157° bearing to I.

UUOL/LPK
LIPETSK

JEPPESSEN

LIPETSK, RUSSIA

6 OCT 17 10-3

RNAV SID

Apt Elev
587

QNH on request (QFE)
Trans alt: 4530 (3953)
RNAV (GNSS)

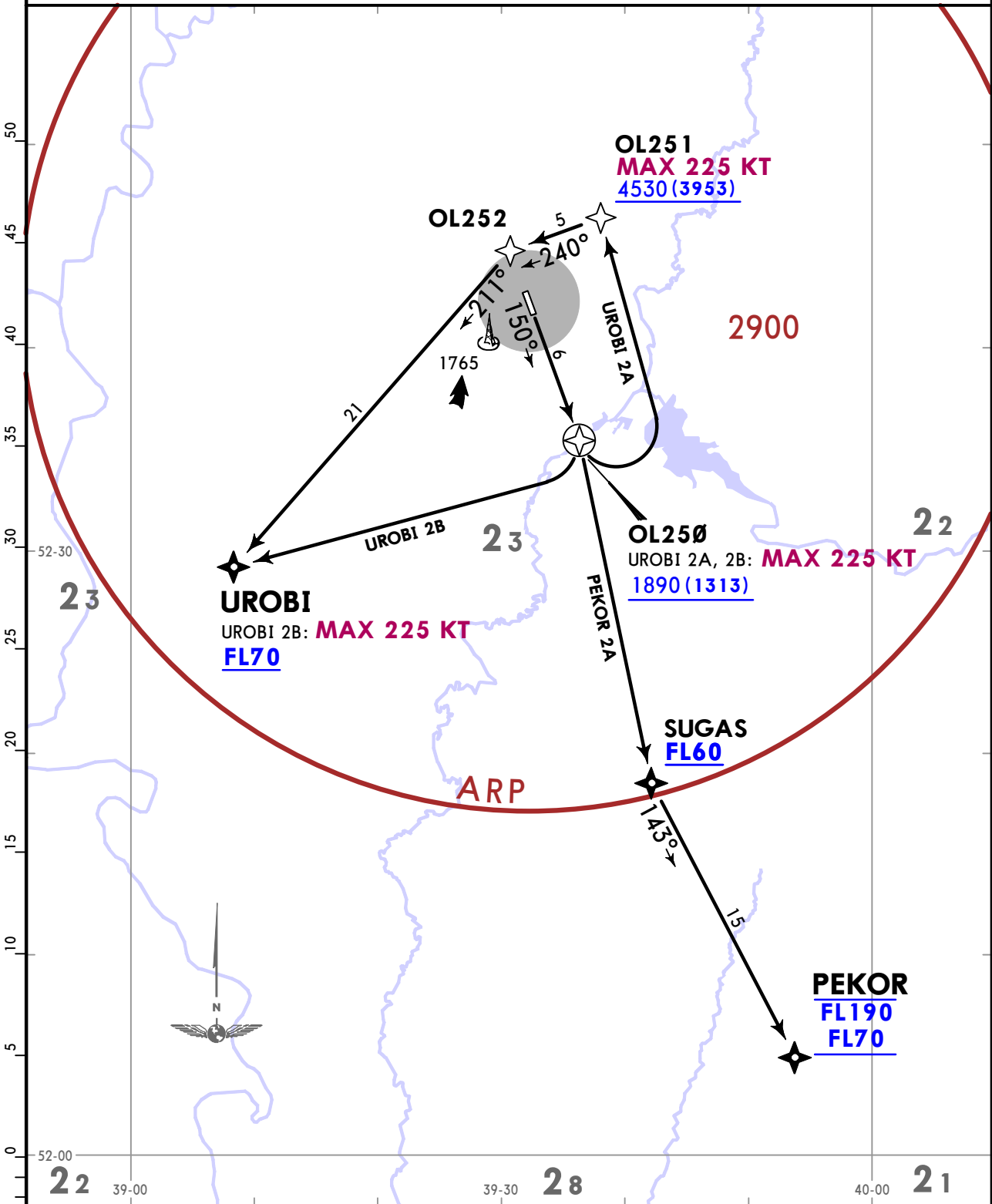
PEKOR 2A [PEK02A]

UROBI 2A [UROB2A]

UROBI 2B [UROB2B]

BY ATC

RWY 15 RNAV DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1890	(1313 - 400m)
4530	(3953 - 1200m)

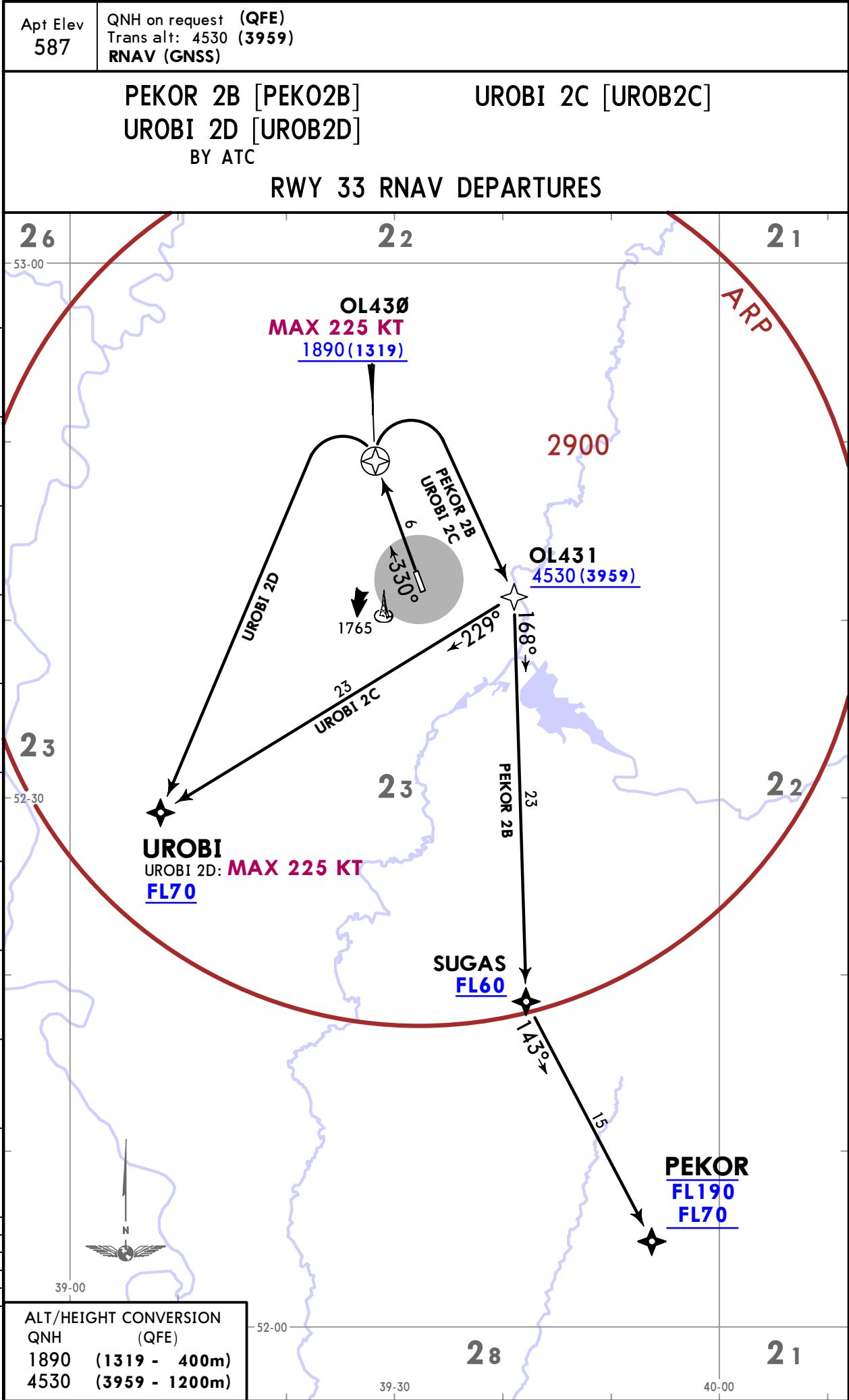
UROBI 2B
This SID requires a minimum climb gradient
of
4.1% up to FL70 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.1% V/V (fpm)	311	415	623	830	1038	1246

UUOL/LPK
LIPETSK

 **JEPPESSEN**
6 OCT 17 **(10-3A)**

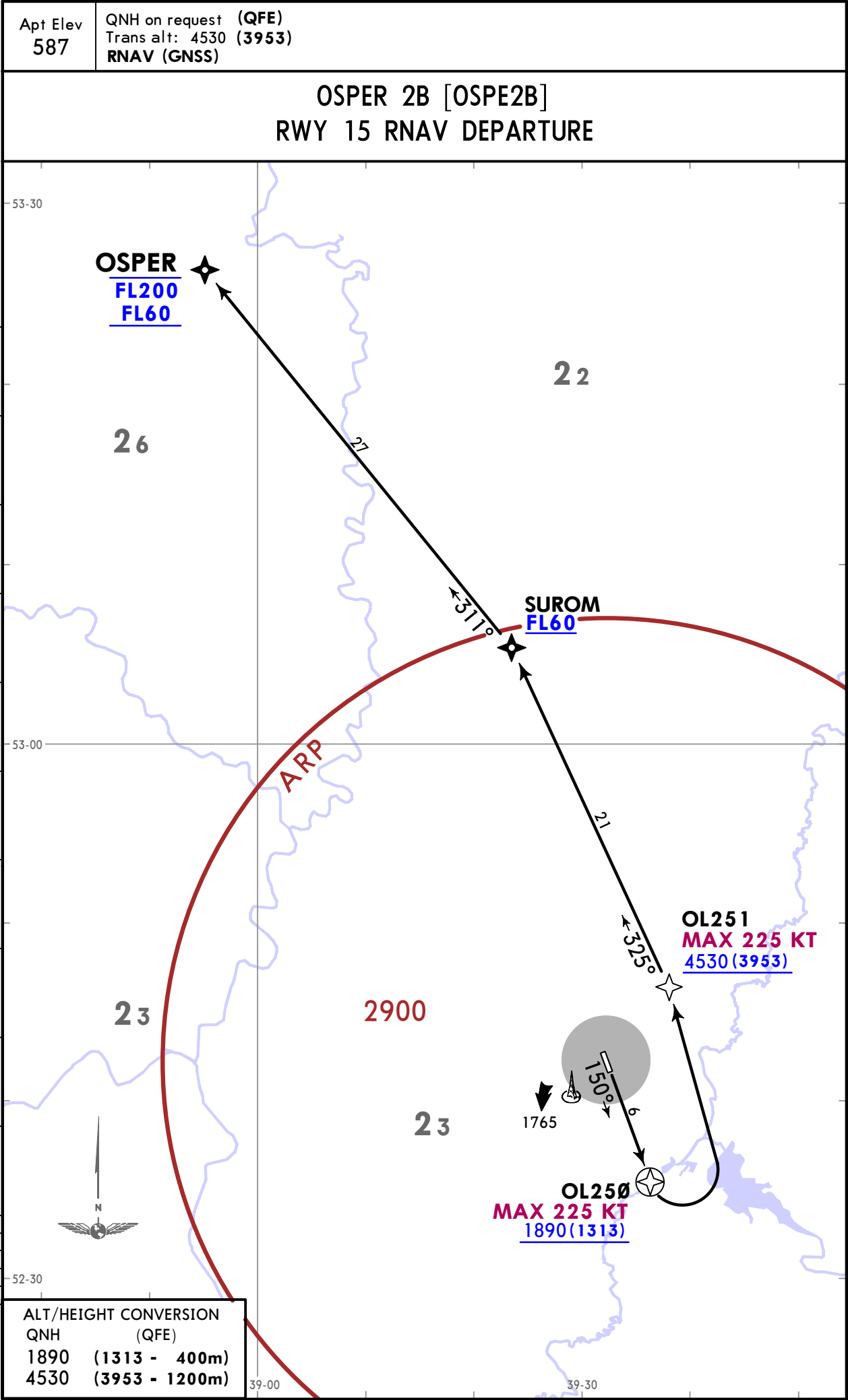
LIPETSK, RUSSIA
RNAV SID



UUOL/LPK
LIPETSK

JEPPESSEN
6 OCT 17 (10-3B)

LIPETSK, RUSSIA
RNAV SID



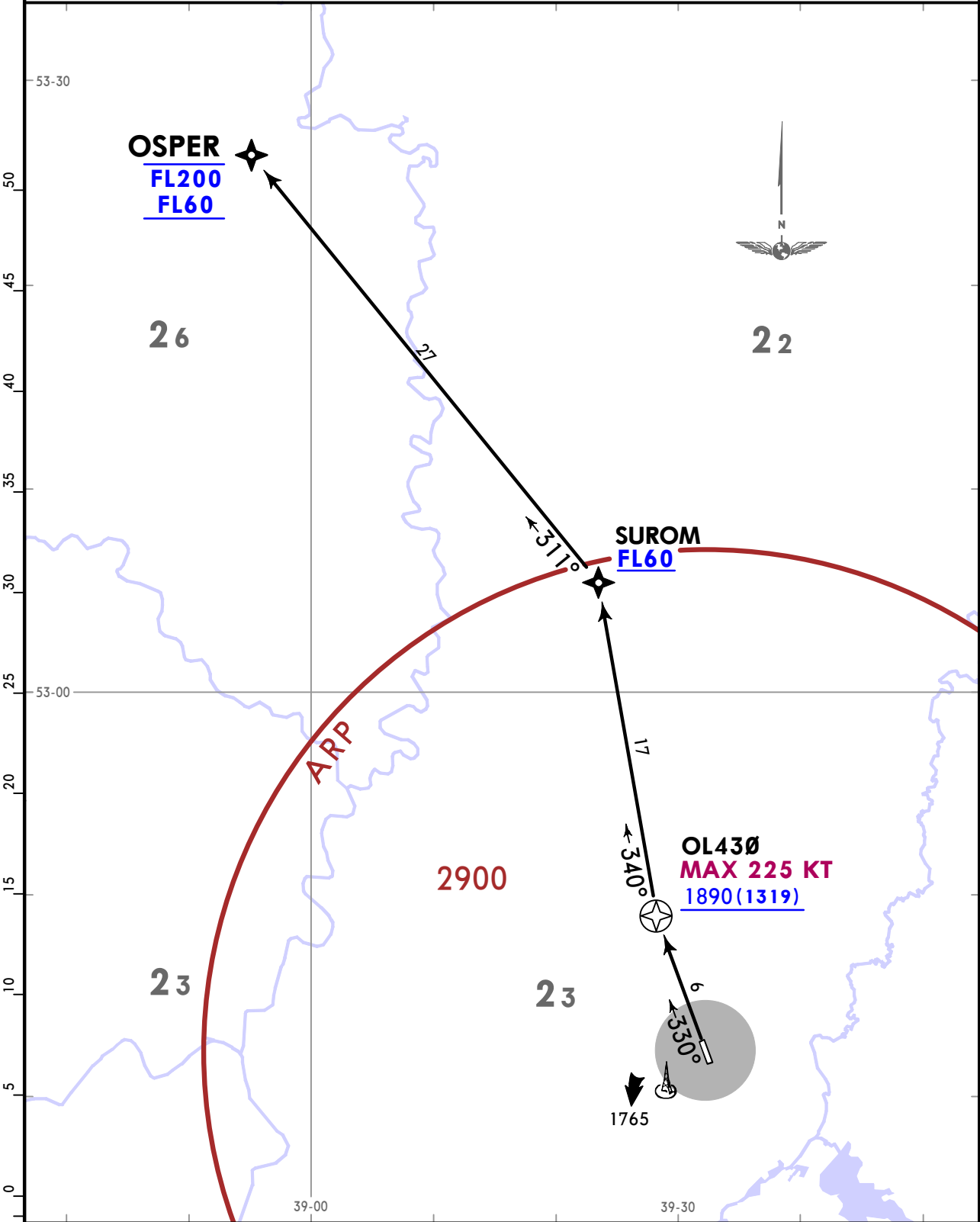
UUOL/LPK
LIPETSK

JEPPESSEN
6 OCT 17 (10-3C)

LIPETSK, RUSSIA
RNAV SID

Apt Elev 587	QNH on request (QFE) Trans alt: 4530 (3959) RNAV (GNSS)
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OSPER 2C [OSPE2C]
RWY 33 RNAV DEPARTURE

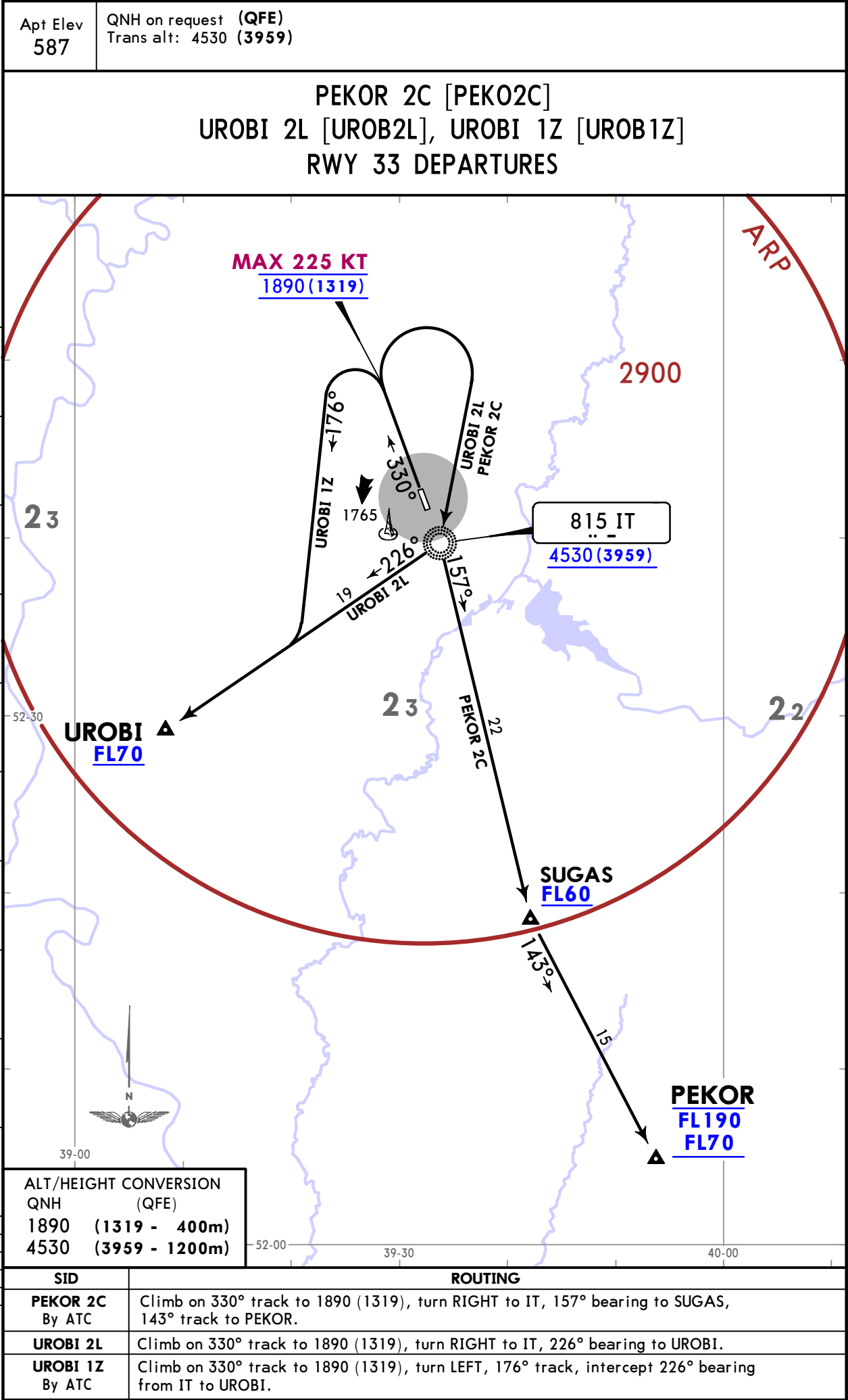


ALT/HEIGHT CONVERSION		This SID requires a minimum climb gradient of 4.0% up to FL60 due to airspace limitation.					
QNH	(QFE)						
1890	(1319 - 400m)	Gnd speed-KT	75	100	150	200	250
4530	(3959 - 1200m)	4.0% V/V (fpm)	304	405	608	810	1013

UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 10-3D Eff 14 Sep

LIPETSK, RUSSIA
SID



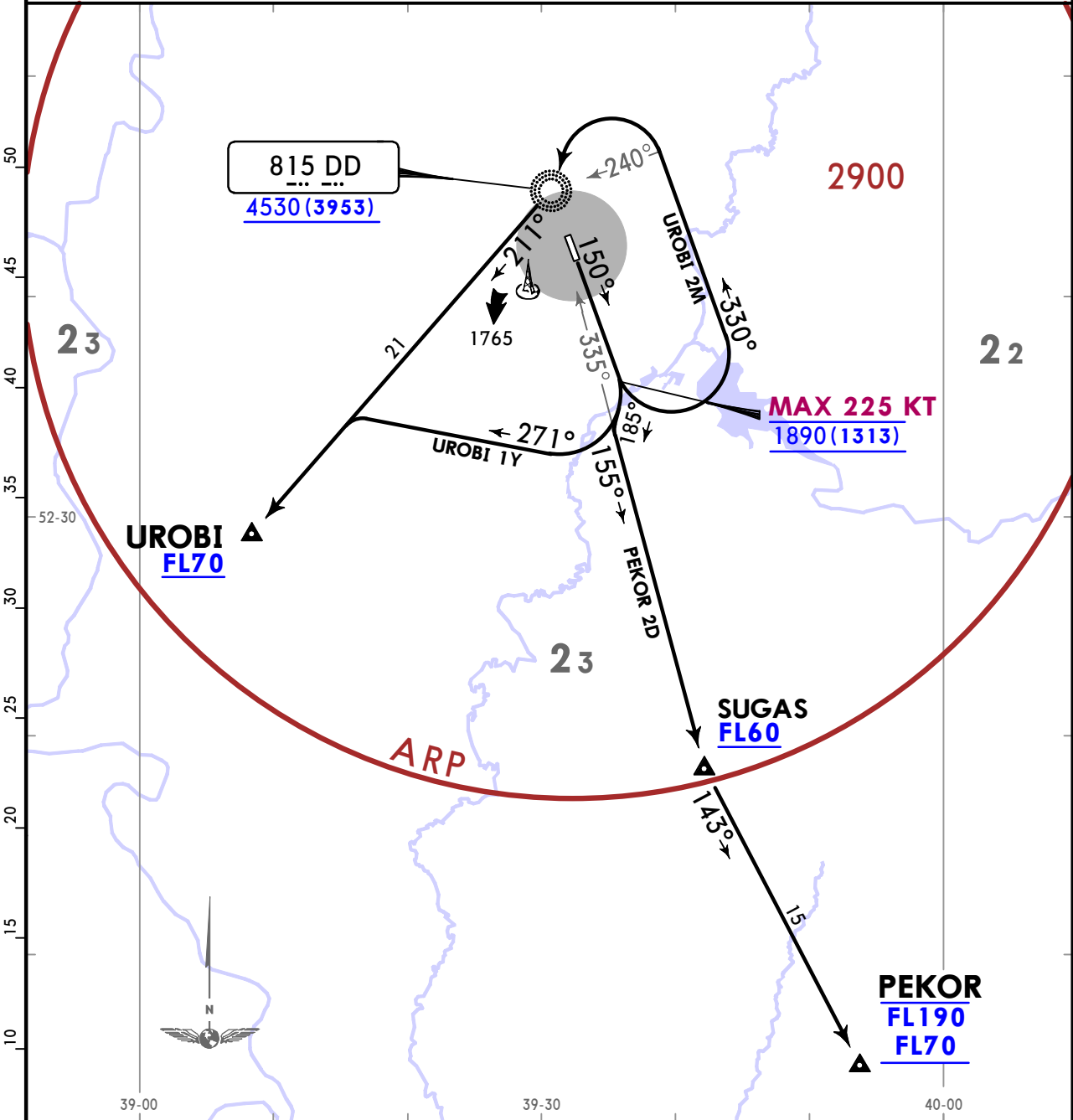
UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 10-3E Eff 14 Sep

LIPETSK, RUSSIA
SID

Apt Elev 587	QNH on request (QFE) Trans alt: 4530 (3953)
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PEKOR 2D [PEK02D]
UROBI 2M [UROB2M], UROBI 1Y [UROB1Y]
RWY 15 DEPARTURES



ALT/HEIGHT CONVERSION QNH (QFE) 1890 (1313 - 400m) 4530 (3953 - 1200m)		UROBI 1Y This SID requires a minimum climb gradient of 3.9% up to FL70 due to airspace limitation.	
		Gnd speed-KT	75 100 150 200 250 300
		3.9% V/V (fpm)	296 395 592 790 987 1185
SID	ROUTING		
PEKOR 2D By ATC	Climb on 150° track to 1890 (1313), turn RIGHT, 185° track, intercept 155° bearing from DD to SUGAS, 143° track to PEKOR.		
UROBI 2M	Climb on 150° track to 1890 (1313), turn LEFT, 330° track, when passing 240° bearing to DD turn LEFT to DD, 211° bearing to UROBI.		
UROBI 1Y By ATC	Climb on 150° track to 1890 (1313), turn RIGHT, 271° track, intercept 211° bearing from DD to UROBI.		

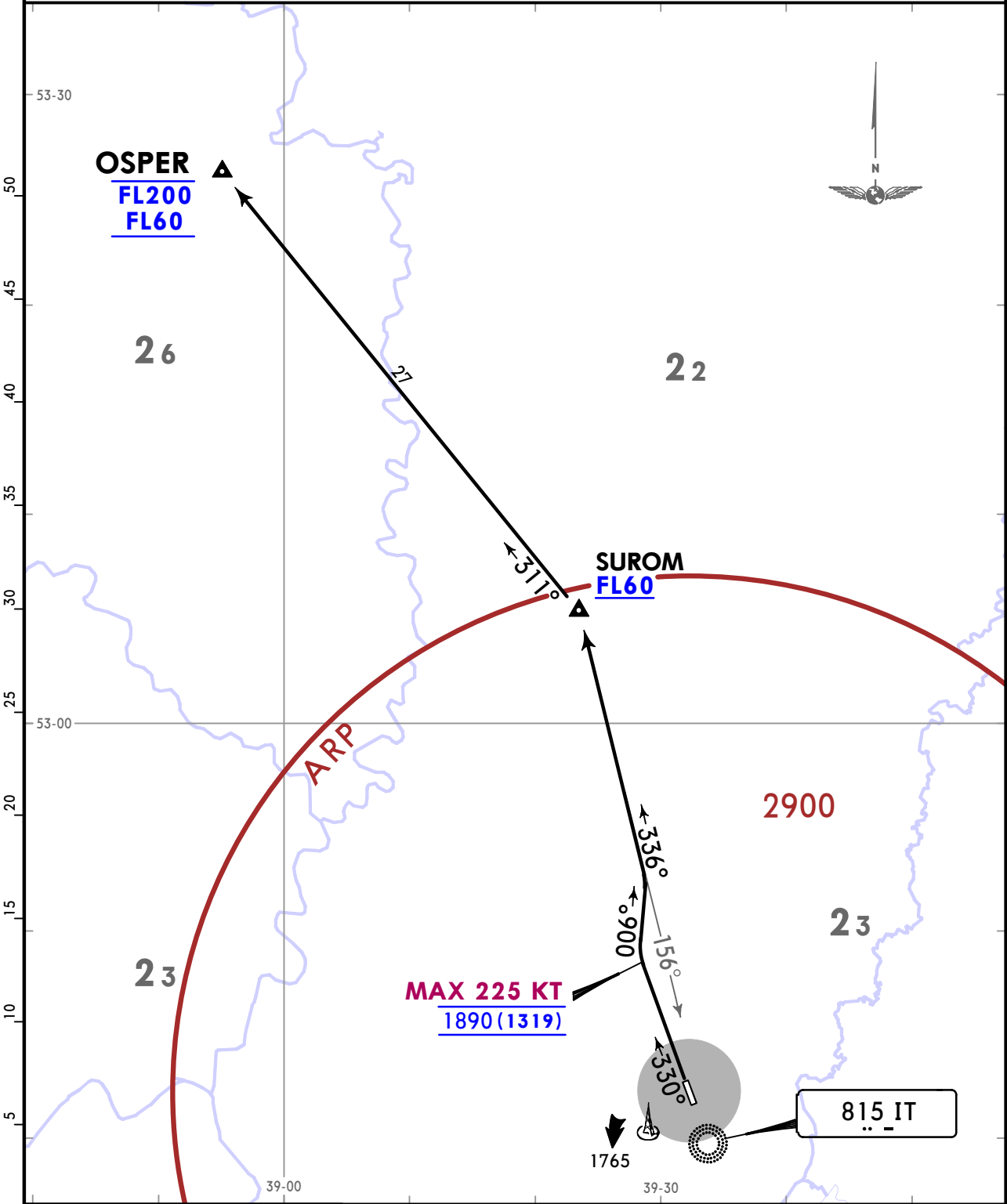
UUOL/LPK
LIPETSK

JEPESEN
8 SEP 17 10-3F Eff 14 Sep

LIPETSK, RUSSIA
SID

Apt Elev 587	QNH on request (QFE) Trans alt: 4530 (3959)
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OSPER 2H [OSPE2H]
RWY 33 DEPARTURE



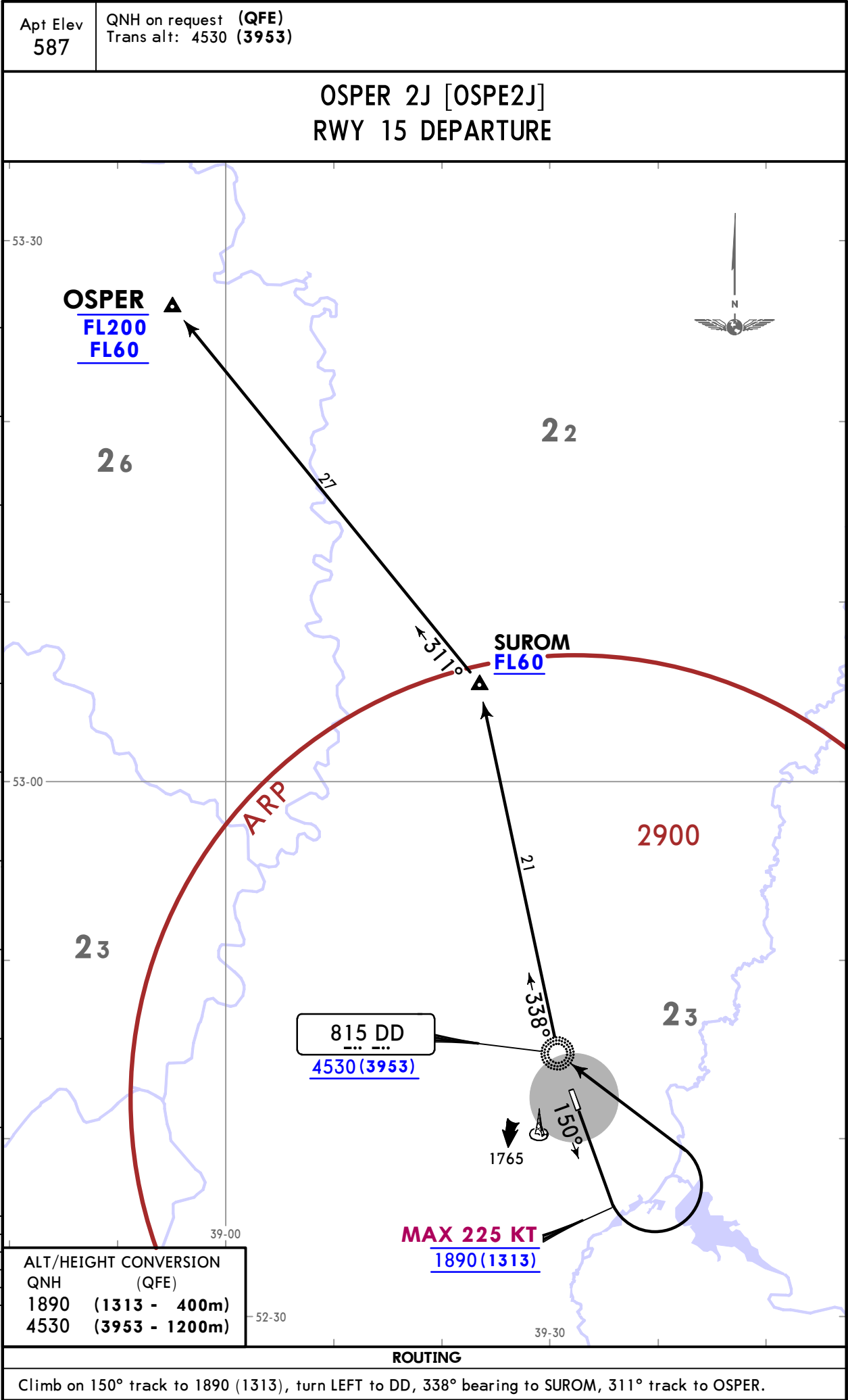
ALT/HEIGHT CONVERSION		This SID requires a minimum climb gradient of 4.0% up to FL60 due to airspace limitation.					
QNH	(QFE)						
1890	(1319 - 400m)						
4530	(3959 - 1200m)						
		Gnd speed-KT	75	100	150	200	250 300
		4.0% V/V (fpm)	304	405	608	810 1013 1215	

ROUTING
Climb on 330° track to 1890 (1319), turn RIGHT, 006° track, intercept 336° bearing from IT to SUROM, 311° track to OSPER.

UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 (10-3G) Eff 14 Sep

LIPETSK, RUSSIA
SID



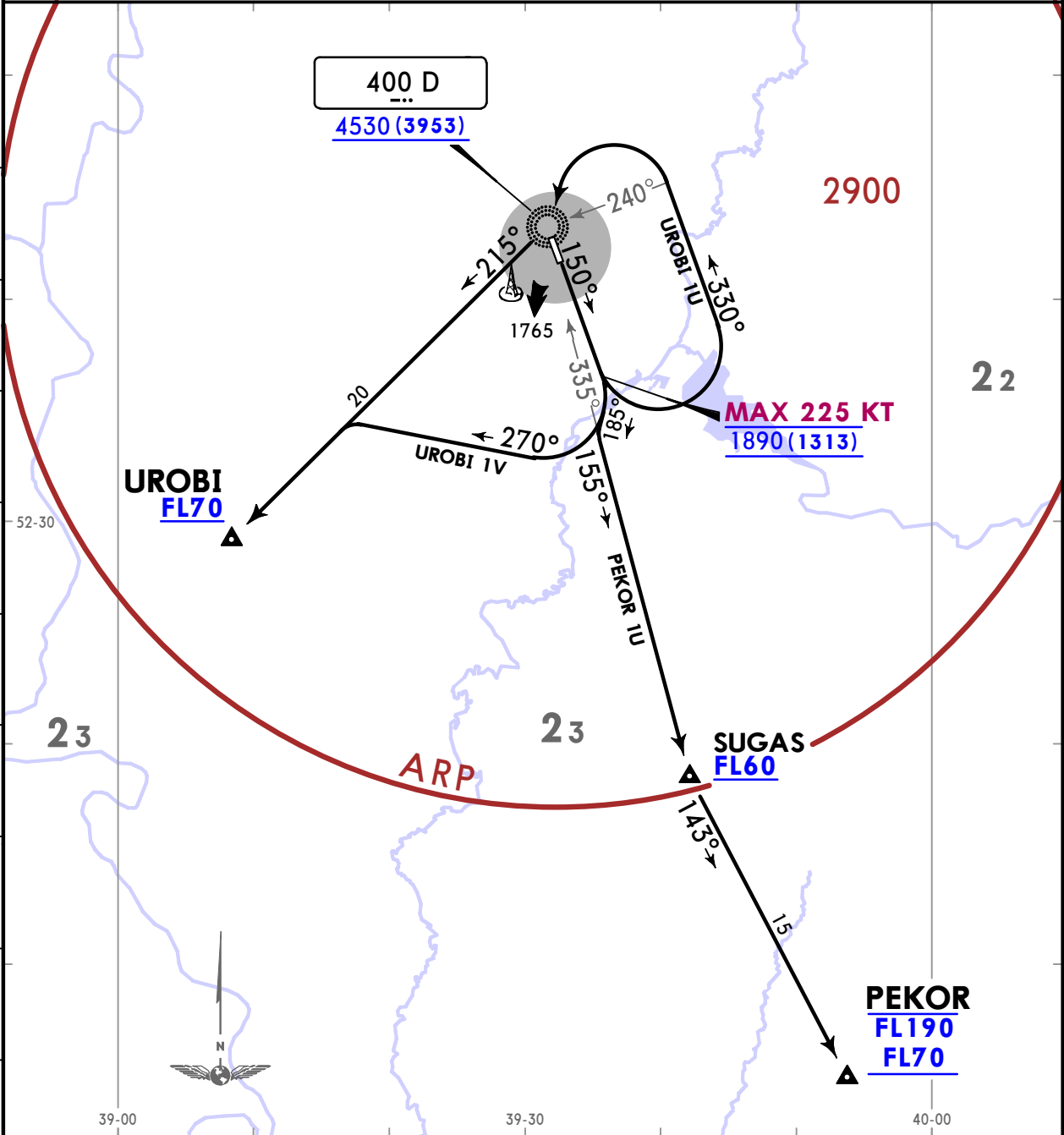
UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 10-3H Eff 14 Sep

LIPETSK, RUSSIA
SID

Apt Elev 587	QNH on request (QFE) Trans alt: 4530 (3953)
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PEKOR 1U [PEK01U]
UROBI 1U [UROB1U], UROBI 1V [UROB1V]
RWY 15 DEPARTURES



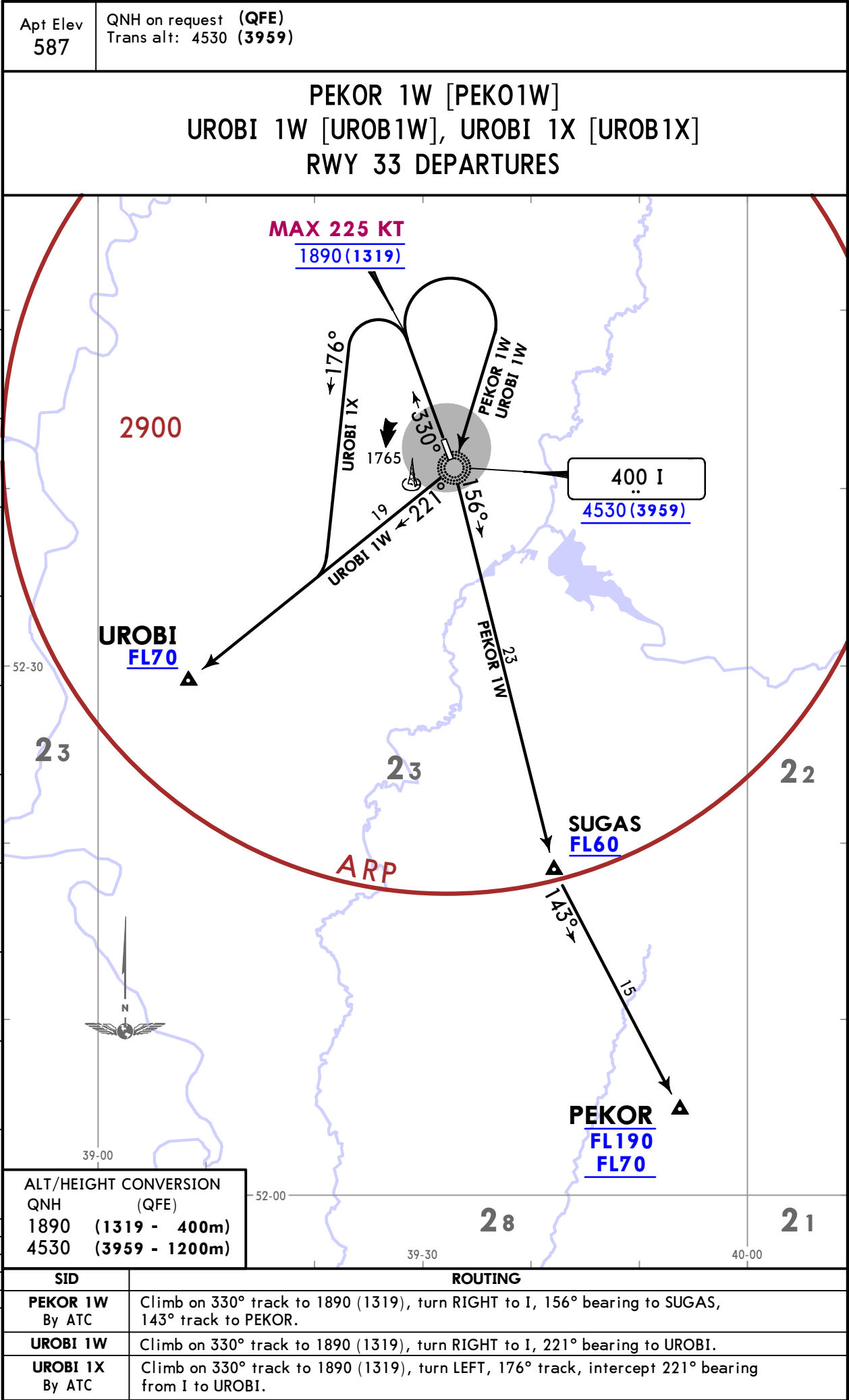
ALT/HEIGHT CONVERSION QNH (QFE) 1890 (1313 - 400m) 4530 (3953 - 1200m)	UROBI 1V This SID requires a minimum climb gradient of 3.9% up to FL70 due to airspace limitations.						
	Gnd speed-KT	75	100	150	200	250	300
	3.9% V/V (fpm)	296	395	592	790	987	1185

SID	ROUTING
PEKOR 1U By ATC	Climb on 150° track to 1890 (1313), turn RIGHT, 185° track, intercept 155° bearing from D to SUGAS, 143° track to PEKOR.
UROBI 1U	Climb on 150° track to 1890 (1313), turn LEFT, 330° track, when passing 240° bearing to D turn LEFT to DD, 215° bearing to UROBI.
UROBI 1V By ATC	Climb on 150° track to 1890 (1313), turn RIGHT, 270° track, intercept 215° bearing from D to UROBI.

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LIPETSK

JEPPESSEN
8 SEP 17 10-3J Eff 14 Sep

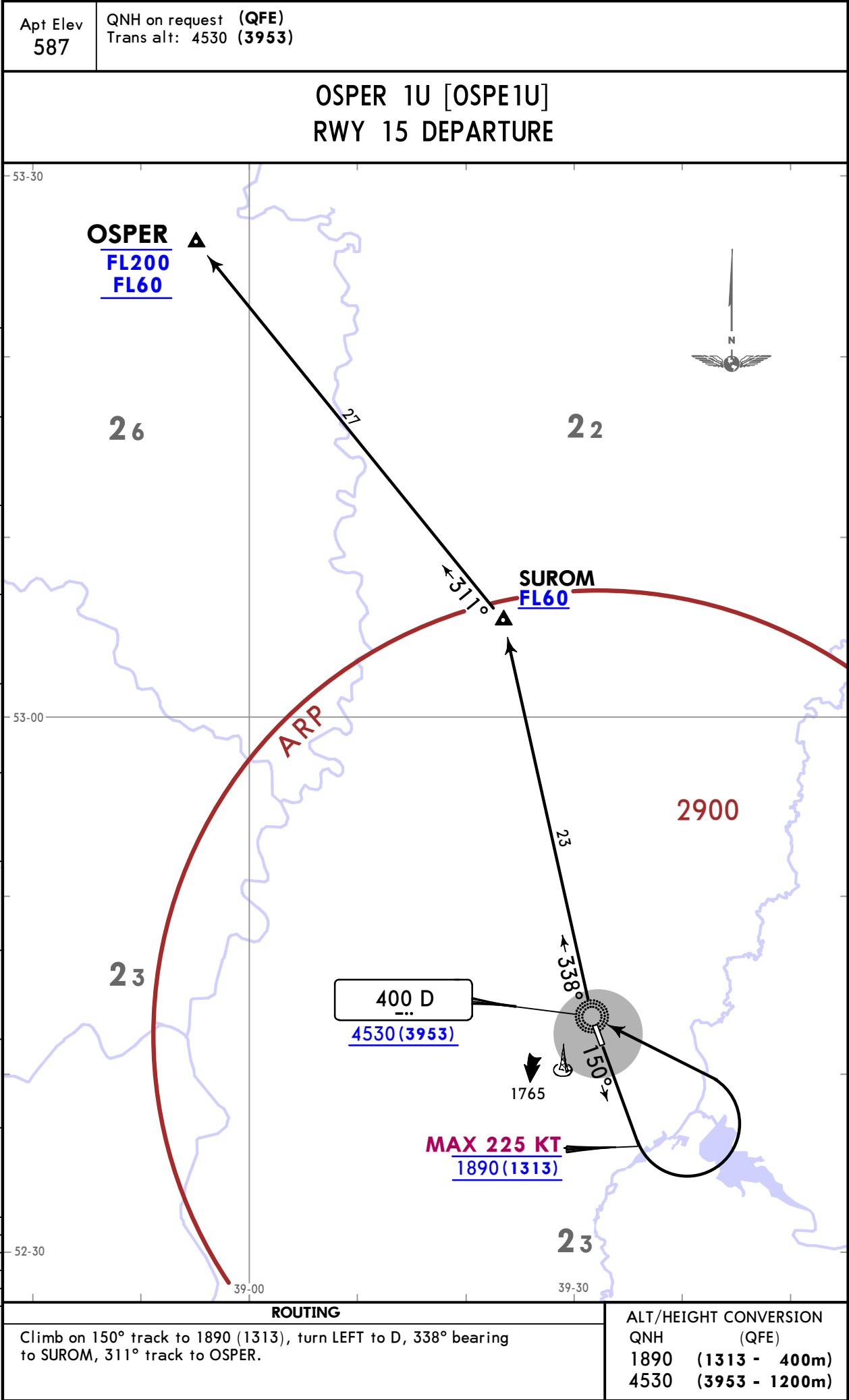
LIPETSK, RUSSIA
SID



UUOL/LPK
LIPETSK

JEPPESSEN
8 SEP 17 (10-3K) Eff 14 Sep

LIPETSK, RUSSIA
SID



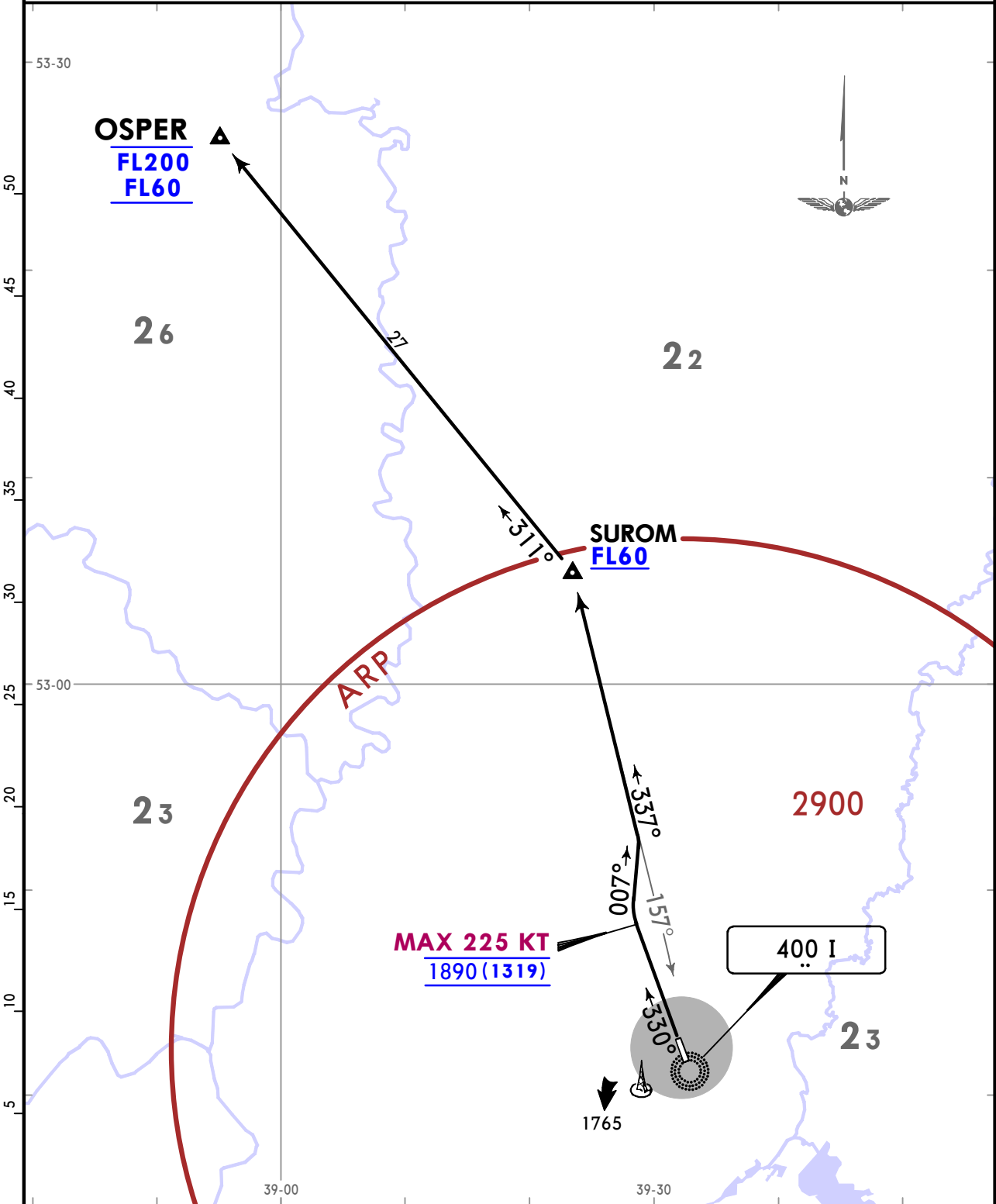
UUOL/LPK
LIPETSK

JEPPESEN
8 SEP 17 10-3L Eff 14 Sep

LIPETSK, RUSSIA
SID

Apt Elev 587	QNH on request (QFE) Trans alt: 4530 (3959)
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OSPER 1W [OSPE1W]
RWY 33 DEPARTURE



This SID requires a minimum climb gradient
of
4.0% up to FL60 due to airspace limitation.

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215

ALT/HEIGHT CONVERSION	
QNH	(QFE)
1890	(1319 - 400m)
4530	(3959 - 1200m)

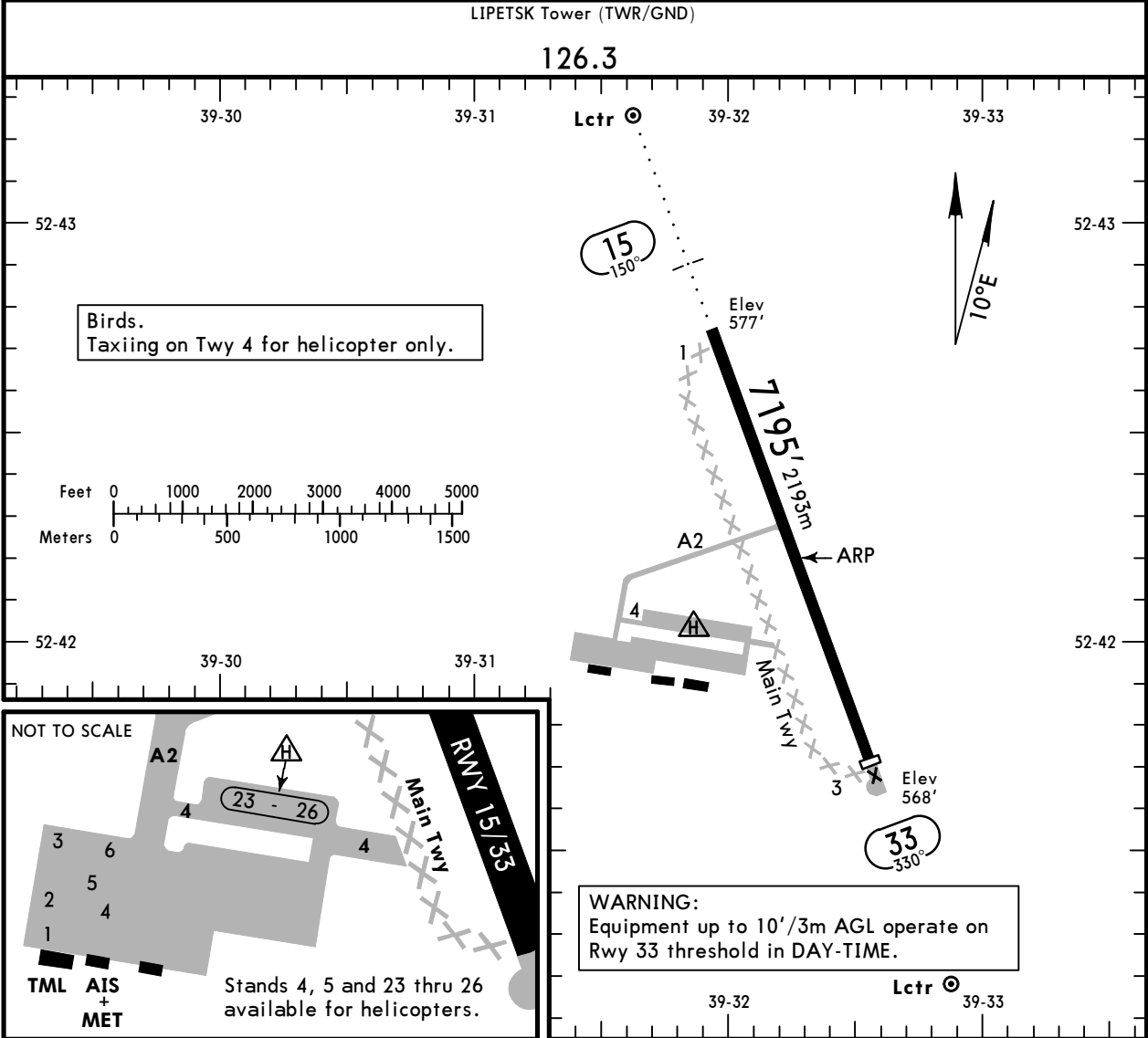
ROUTING

Climb on 330° track to 1890 (1319), turn RIGHT, 007° track, intercept 337° bearing from I to SUROM, 311° track to OSPER.

UUOL/LPK
Apt Elev **587'**
N52 42.2 E039 32.3

JEPPesen
1 SEP 17 **(10-9)** Eff 14 Sep

LIPETSK, RUSSIA
LIPETSK



ADDITIONAL RUNWAY INFORMATION						
RWY				USABLE LENGTHS		WIDTH
				LANDING BEYOND	TAKE-OFF	
				Threshold	Glide Slope	
15	RL (60m)	ALS	PAPI-L (angle 3.0°)	6703' 2043m		①
33	RL (60m)	PAPI-L (angle 3.0°)				45m

① TAKE-OFF RUN AVAILABLE	
<u>RWY 15:</u>	<u>RWY 33:</u>
From rwy head 6703'(2043m)	From rwy head 6703'(2043m)
twy A2 int 3248'(990m)	twy A2 int 3445'(1050m)

TAKE-OFF	
AIR CARRIER (JAA)	
All Rwy's	
LVP must be in force	
RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	
B	250m
C	400m
D	300m

UUOL/LPK


JEPPESSEN
 29 SEP 17 **10-9S** Eff 12 Oct

Standard
LIPETSK, RUSSIA
 LIPETSK

STRAIGHT-IN RWY		A	B	C	D
15	RNAV (GNSS) ❶	960'(383') R1500m	960'(383') R1500m	960'(383') R1500m	960'(383') R1500m
	ALS out	R1500m	R1500m	R1600m	R1600m
	2 NDB or NDB Y/X ❶ ❷	930'(353') R1400m	930'(353') R1400m	930'(353') R1400m	930'(353') R1400m
	ALS out	R1500m	R1500m	R1600m	R1600m
	2 NDB or NDB Y/X ❶ ❸	960'(383') R1500m	960'(383') R1500m	960'(383') R1600m	960'(383') R1600m
	ALS out	R1500m	R1500m	R1800m	R1800m
	NDB Z ❶ ❸	980'(403') R1500m	980'(403') R1500m	980'(403') R1700m	980'(403') R1700m
	ALS out	R1500m	R1500m	R1900m	R1900m
	2 NDB or NDB Z/Y/X ❹	1030'(453') R2100m	1030'(453') R2100m	1030'(453') R2300m	1030'(453') R2300m
	ALS out	R2300m	R2300m	R2500m	R2500m
33	RNAV (GNSS) ❶	950'(379') R1500m	950'(379') R1500m	950'(379') R1700m	950'(379') R1700m
	2 NDB or NDB Y ❶ ❸	930'(359') R1500m	930'(359') R1500m	930'(359') R1600m	930'(359') R1600m
	NDB Z ❶ ❸	1020'(449') R1500m	1020'(449') R1500m	1020'(449') R2100m	1020'(449') R2100m
	NDB Z ❹	1300'(729') R3600m	1300'(729') R3600m	1300'(729') R3800m	1300'(729') R3800m
	2 NDB ❶ ❸	990'(419') R1500m	990'(419') R1500m	990'(419') R1900m	990'(419') R1900m
	NDB Y ❶ ❸	990'(419') R1500m	990'(419') R1500m	1170'(599') R2400m	1170'(599') R2400m
	2 NDB or NDB Y ❹	1300'(729') R3600m	1300'(729') R3600m	1300'(729') R3800m	1300'(729') R3800m
	NDB X ❶	930'(359') R1500m	930'(359') R1500m	930'(359') R1600m	930'(359') R1600m
	NDB X ❹	930'(359') R1800m	930'(359') R1800m	930'(359') R2000m	930'(359') R2000m

- ❶ Continuous Descent Final Approach.
 ❷ With FAF & LOM or 2.2 NM to thr.
 ❸ With FAF.
 ❹ W/o FAF.
 ❺ With FAF & LOM or 2.1 NM to thr.

UUOL/LPK

JEPPESEN

29 SEP 17

10-9S1

Eff 12 Oct

Standard

LIPETSK, RUSSIA

LIPETSK

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
to rwy 15 ❶	990'(413')	1080'(503')	2160'(1583')	2160'(1583')
to rwy 33 ❷	990'(419')	1080'(509')	2150'(1579')	2150'(1579')
	V1500m❸	V1600m❸	V2400m❸	V3600m❸

- ❶ Circling height based on rwy 15 thresh elev of 577'.
- ❷ Circling height based on rwy 33 displ thresh elev of 571'.
- ❸ or higher minimums of preceding straight-in approach.

TAKE-OFF		
Low Visibility Take-off		
Day: RL & RCLM Night: RL	Day: RL or RCLM Night: RL	Adequate vis ref (Day only)
A	R300m	400m
B		
C		
D		
		500m

UUOL/LPK
LIPETSK

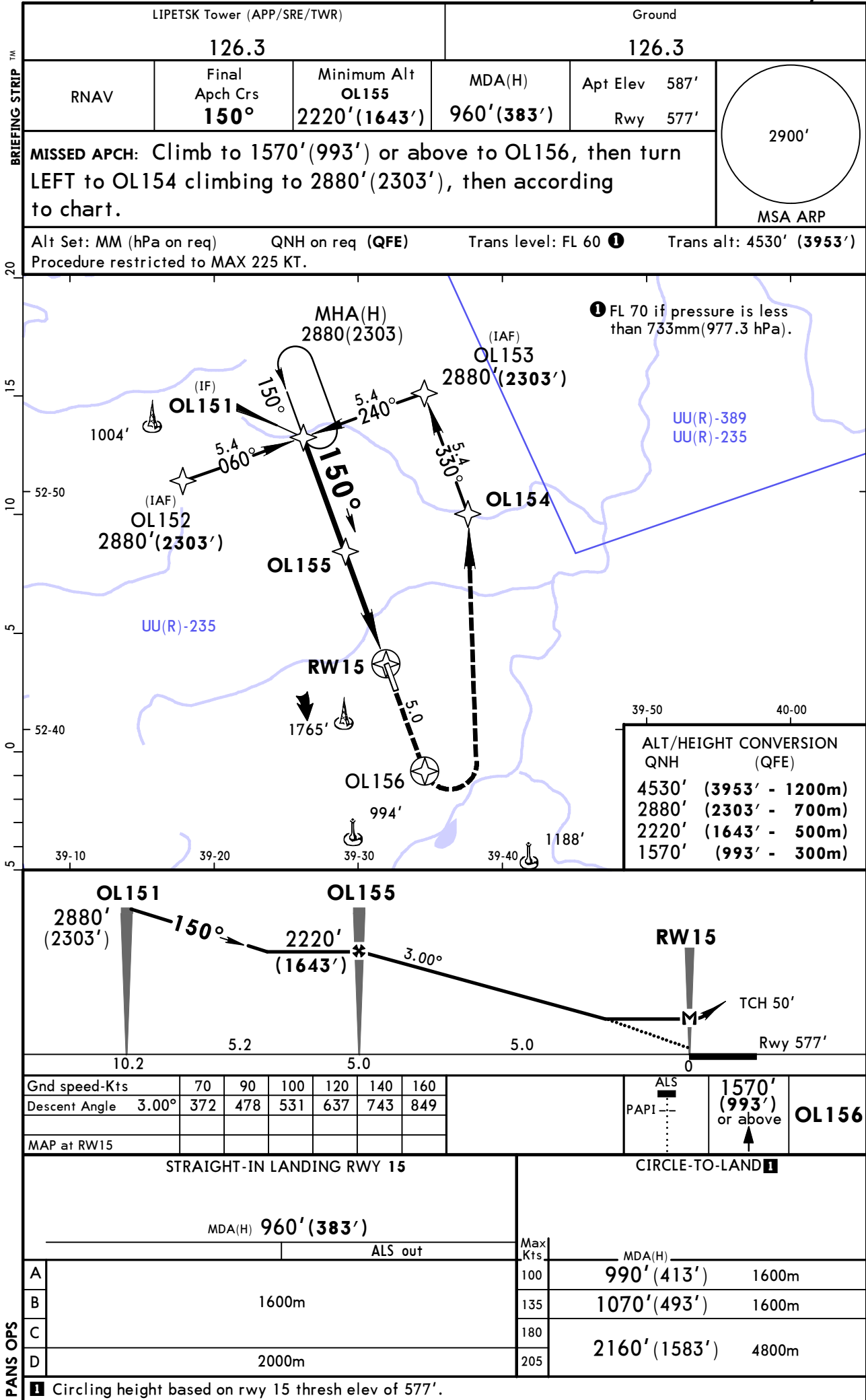
JEPPESEN

1 SEP 17

12-1

Eff 14 Sep

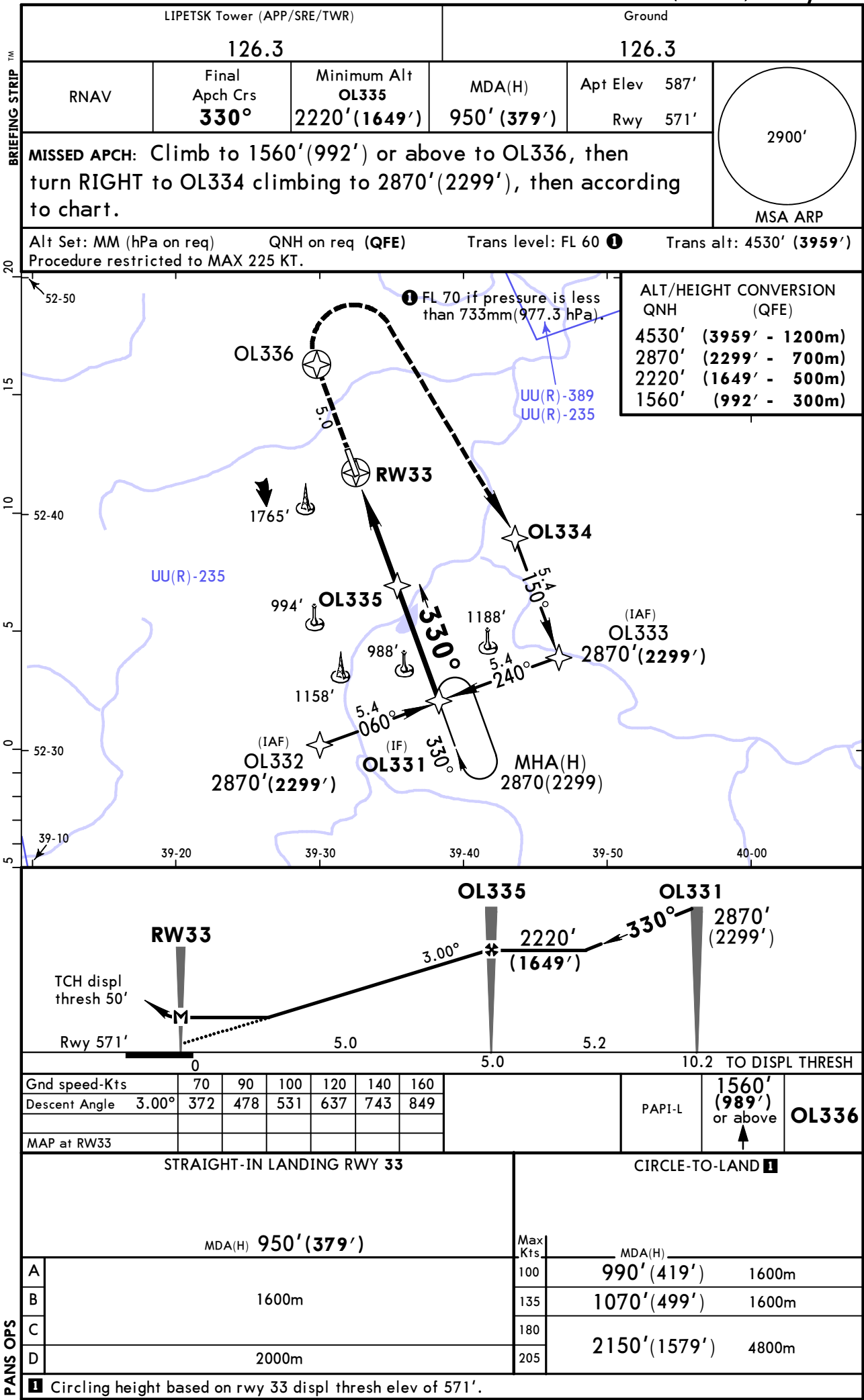
LIPETSK, RUSSIA
RNAV (GNSS) Rwy 15

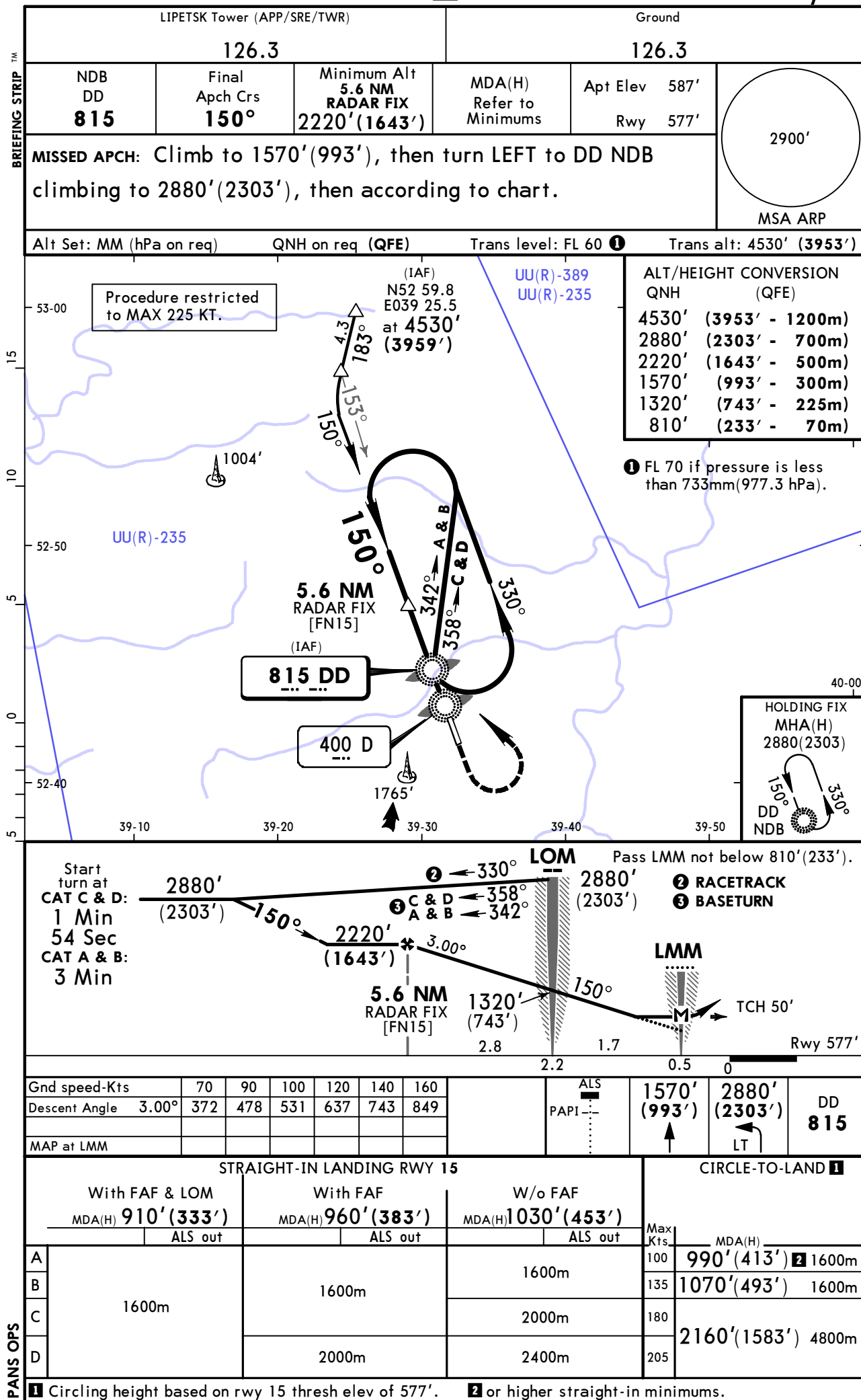


UUOL/LPK
LIPETSK

JEPPESEN
1 SEP 17 (12-2) Eff 14 Sep

LIPETSK, RUSSIA
RNAV(GNSS) Rwy 33



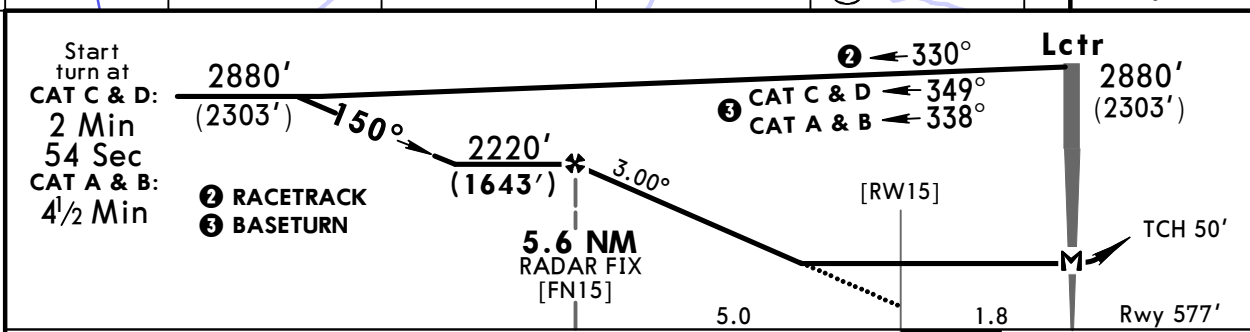
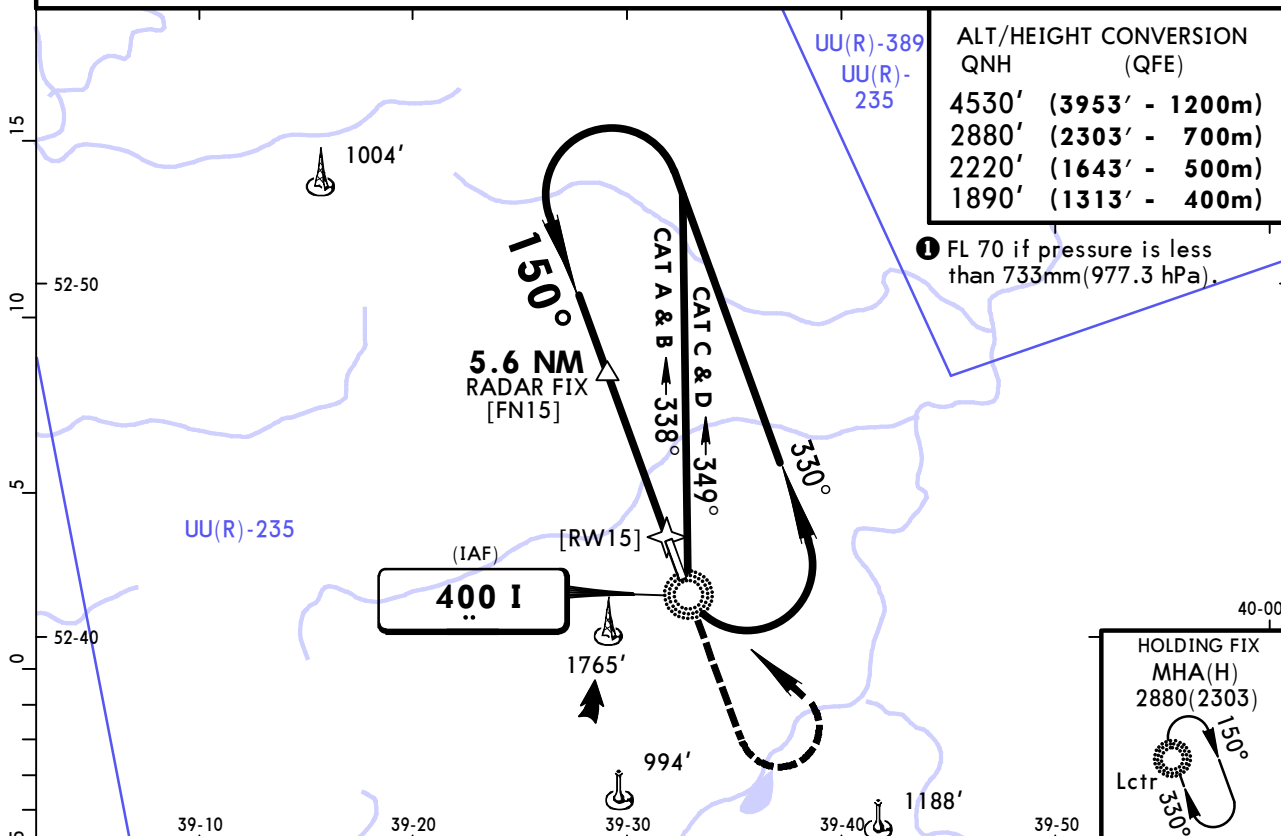
UUOL/LPK
LIPETSK
JEPPESEN
 1 SEP 17 **(16-1)** **Eff 14 Sep**
LIPETSK, RUSSIA
2 NDB Rwy 15


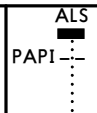
UUOL/LPK
LIPETSK
JEPPESEN
 1 SEP 17 **16-2** Eff 14 Sep

LIPETSK, RUSSIA
NDB Z Rwy 15

BRIEFING STRIP™

LIPETSK Tower (APP/SRE/TWR)				Ground	
126.3				126.3	
Lctr I 400	Final Apch Crs 150°	Minimum Alt 5.6 NM RADAR FIX 2220'(1643')	MDA(H) (CONDITIONAL) 980'(403')	Apt Elev 587' Rwy 577'	2900' MSA ARP
MISSED APCH: Climb to 1890'(1313'), then turn LEFT to Lctr climbing to 2880'(2303'), then according to chart.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 ① Trans alt: 4530' (3953') Procedure restricted to MAX 225 KT.					



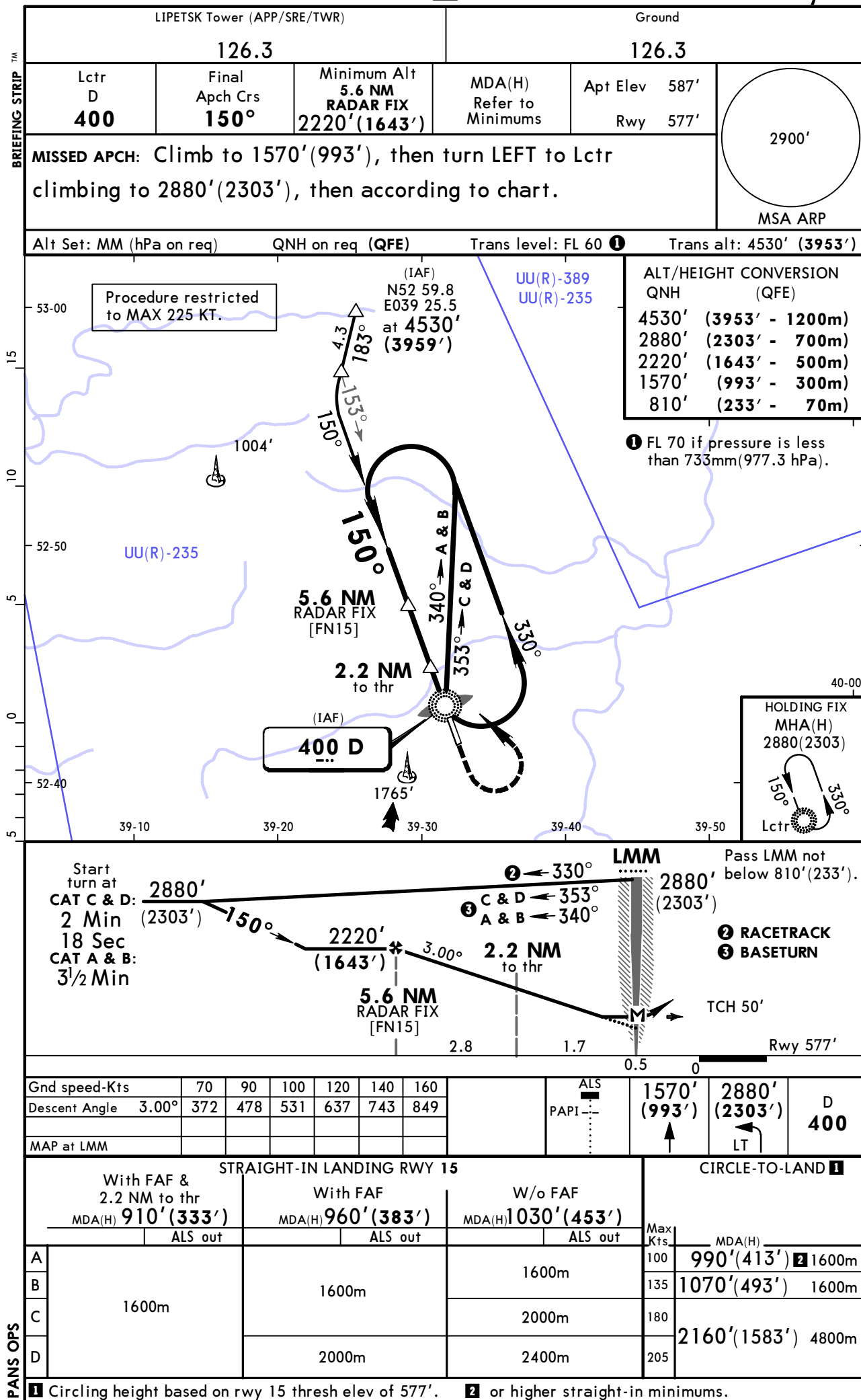
Gnd speed-Kts	70	90	100	120	140	160		1570' (993')	2880' (2303')	I 400
Descent Angle	3.00°	372	478	531	637	743				
MAP at Lctr										

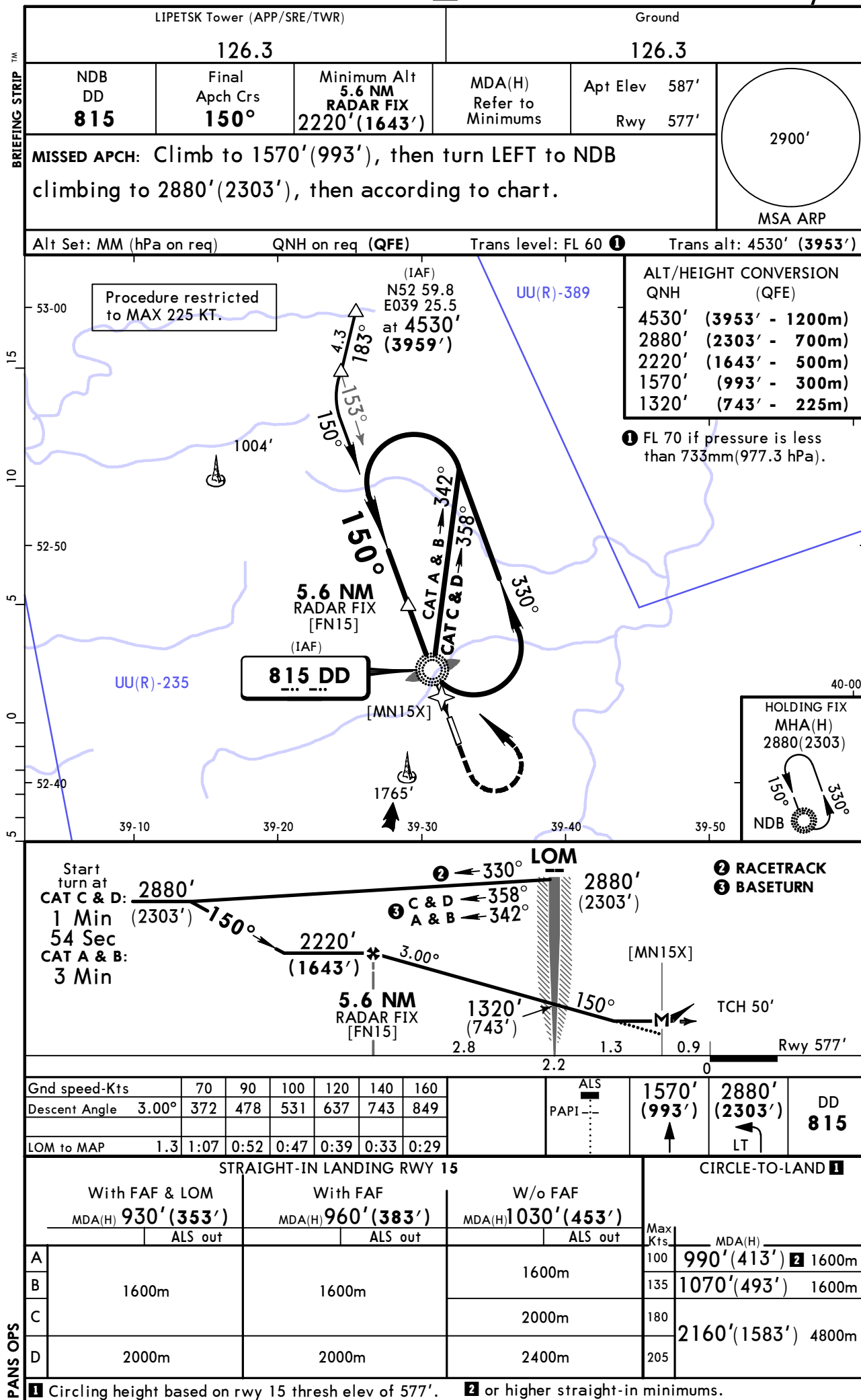
STRAIGHT-IN LANDING RWY 15				CIRCLE-TO-LAND ①			
With FAF		W/o FAF					
MDA(H) 980'(403')		MDA(H) 1030'(453')					
ALS out		ALS out		Max Kts	MDA(H)		
1600m		1600m		100	990'(413') ②	1600m	
2000m		2000m		135	1070'(493')	1600m	
2400m		2400m		180	2160'(1583')	4800m	
				205			

① Circling height based on rwy 15 thresh elev of 577'. ② or higher straight-in minimums.

CHANGES: New procedure.

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 1 SEP 17 **(16-3)** **Eff 14 Sep**
LIPETSK, RUSSIA
NDB Y Rwy 15


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JEPPESSEN
 1 SEP 17 **16-4** **Eff 14 Sep**
LIPETSK, RUSSIA
NDB X Rwy 15


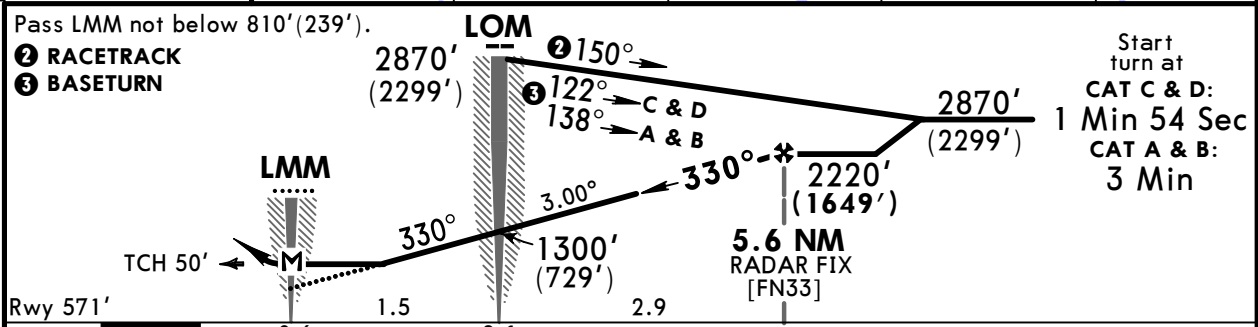
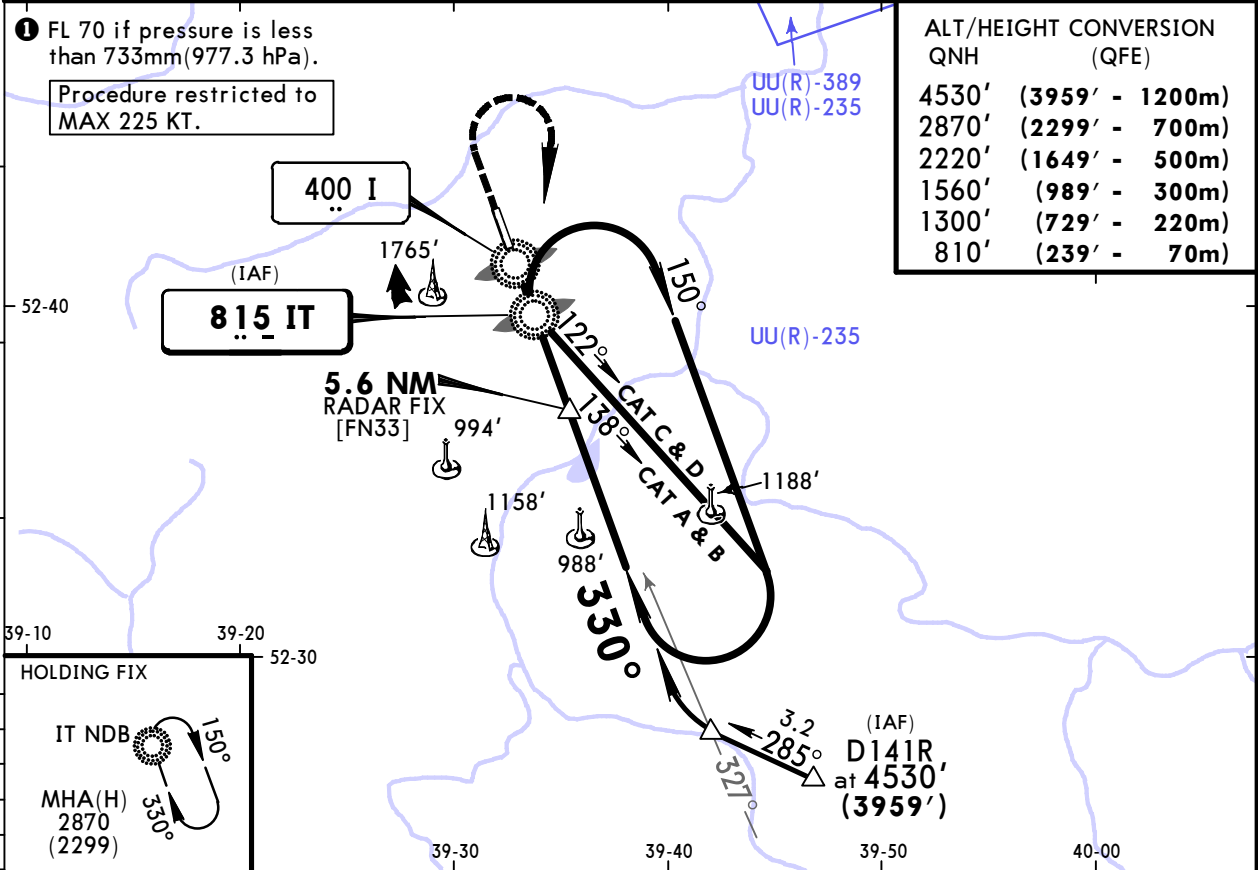
UUOL/LPK
LIPETSK

JEPPESEN
29 SEP 17 (16-5) Eff 12 Oct

LIPETSK, RUSSIA
2 NDB Rwy 33

LIPETSK Tower (APP/SRE/TWR)				Ground		
126.3				126.3		
NDB IT 815	Final Apch Crs 330°	Minimum Alt 5.6 NM RADAR FIX 2220'(1649')	MDA(H) Refer to Minimums	Apt Elev 587' Rwy 571'	2900 MSA ARP	
MISSED APCH: Climb to 1560'(989'), then turn RIGHT to IT NDB climbing to 2870'(2299'), then according to chart.						

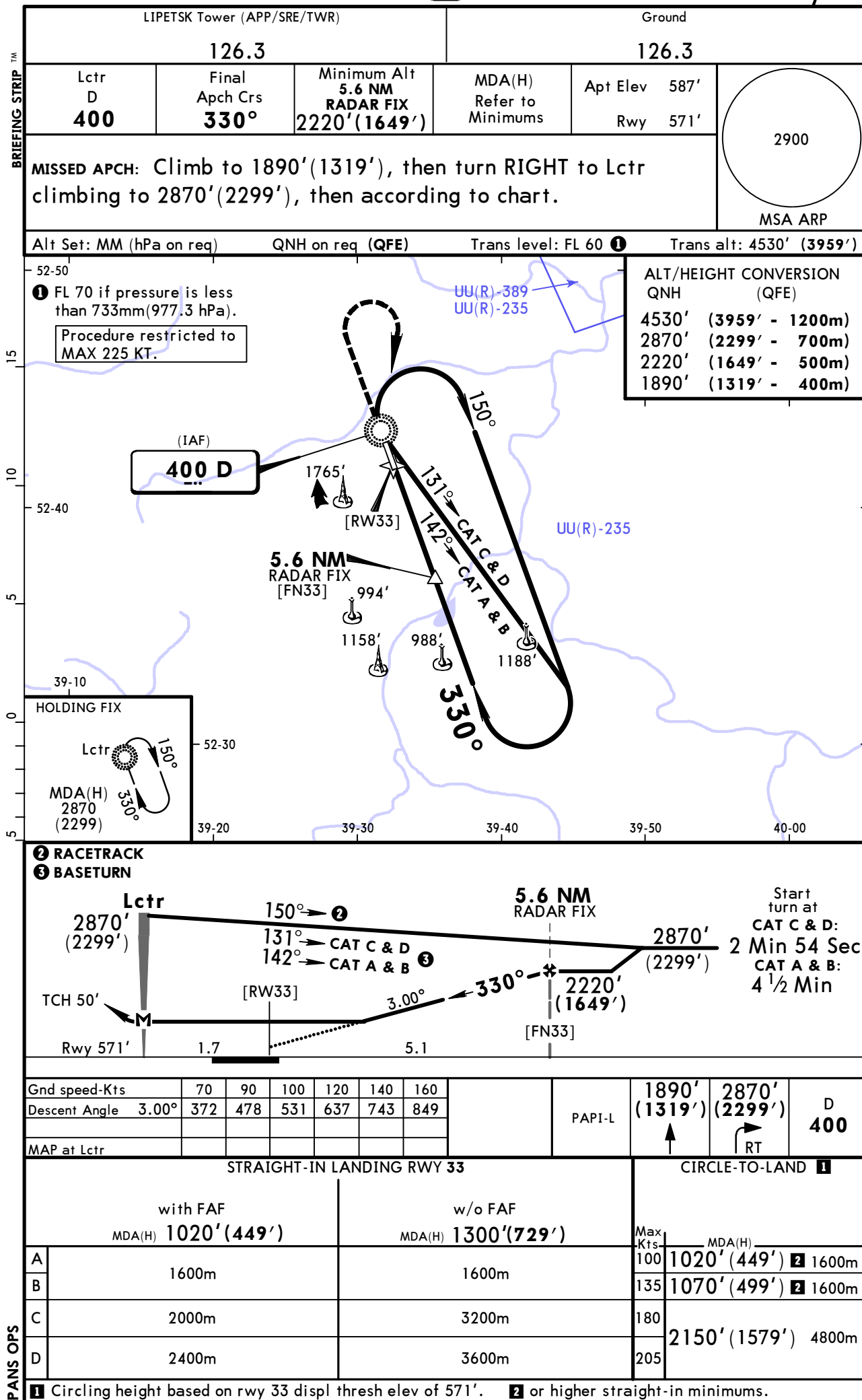
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 ① Trans alt: 4530' (3959')



TO DISPL THRESH									
Gnd speed-Kts	70	90	100	120	140	160	PAPI-L	1560' (989')	2870' (2299')
Descent Angle 3.00°	372	478	531	637	743	849		↑	RT
MAP at LMM									

STRAIGHT-IN LANDING RWY 33					CIRCLE-TO-LAND ①	
with FAF and LOM MDA(H) 890'(319')		with FAF MDA(H) 990'(419')		w/o FAF MDA(H) 1300'(729')	Max Kts	MDA(H)
A B C D	1600m	1600m		1600m	100	990'(419') ② 1600m
					135	1070'(499') ② 1600m
		2000m		3200m	180	2150'(1579') 4800m
				3600m	205	

① Circling height based on rwy 33 displ thresh elev of 571'. ② or higher straight-in minimums.

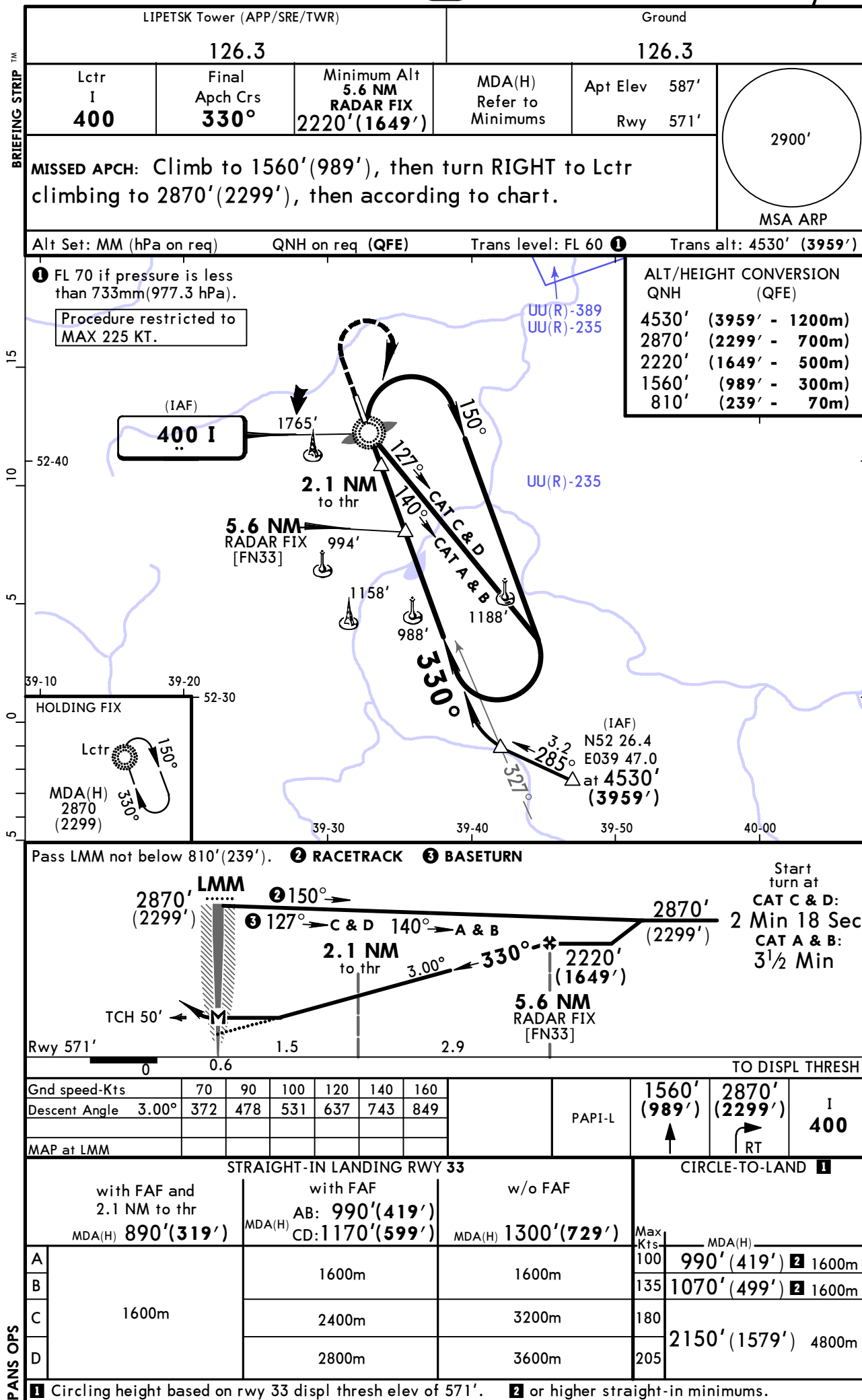
UUOL/LPK
LIPETSK
JEPPESSEN
29 SEP 17 **16-6** **Eff 12 Oct**
LIPETSK, RUSSIA
NDB Z Rwy 33


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LIPETSK
JEPPESSEN

1 SEP 17

(16-7)

Eff 14 Sep

LIPETSK, RUSSIA
NDB Y Rwy 33


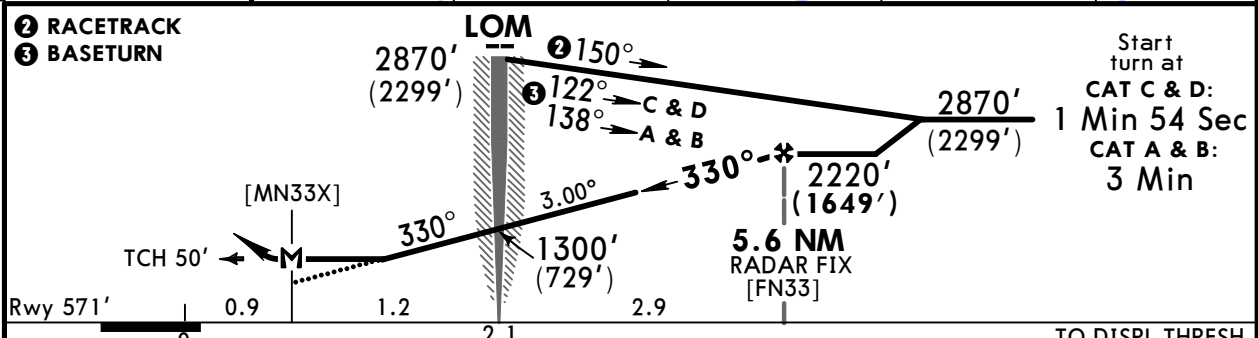
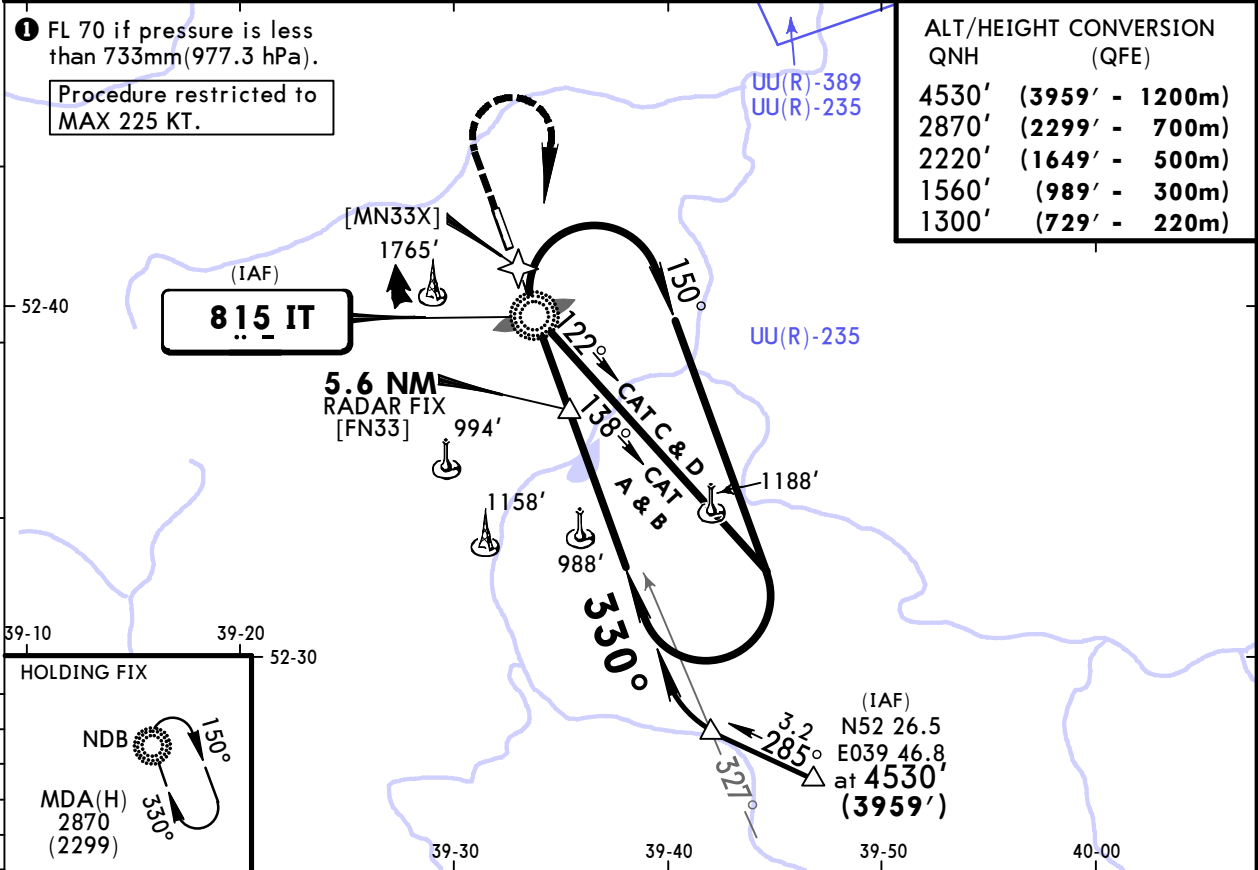
UUOL/LPK
LIPETSK

JEPPESEN
1 SEP 17 16-8 Eff 14 Sep

LIPETSK, RUSSIA
NDB X Rwy 33

LIPETSK Tower (APP/SRE/TWR)				Ground		
126.3				126.3		
NDB IT 815	Final Apch Crs 330°	Minimum Alt 5.6 NM RADAR FIX 2220'(1649')	MDA(H) 920'(349')	Apt Elev 587' Rwy 571'	2900' MSA ARP	
MISSED APCH: Climb to 1560'(989'), then turn RIGHT to NDB climbing to 2870'(2299'), then according to chart.						

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 1 Trans alt: 4530' (3959')



Gnd speed-Kts	70	90	100	120	140	160			
Descent Angle 3.00°	372	478	531	637	743	849			
LOM to MAP	1.2	1:02	0:48	0:43	0:36	0:31	0:27		

PAPI-L 1560' (989') 2870' (2299') IT 815
↑ RT

STRAIGHT-IN LANDING RWY 33				CIRCLE-TO-LAND 1	
MDA(H) 920'(349')				Max Kts	MDA(H)
A				100	990' (419') 1600m
B				135	1070' (499') 1600m
C				180	2150' (1579') 4800m
D				205	

Chart changes since cycle 08-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
LIPETSK, (LIPETSK - UUOL)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UUOL