

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

No revision activity since Disc 09-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UUYU

General Info

Syktyvkar, RUS

N 61° 38.8' E 50° 50.7' Mag Var: 15.5°E

Elevation: 339'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+3:00 uses DST

Runway Info

Runway 01-19 8202' x 164' asphalt

Runway 01 (6.0°M) TDZE 332'

Lights: Edge, ALS

Runway 19 (186.0°M) TDZE 310'

Lights: Edge, ALS

Communications Info

ATIS **126.6** Non-English

Sivkar Krug/Start Tower **124.6**

Sivkar Transit Operations **131.6**

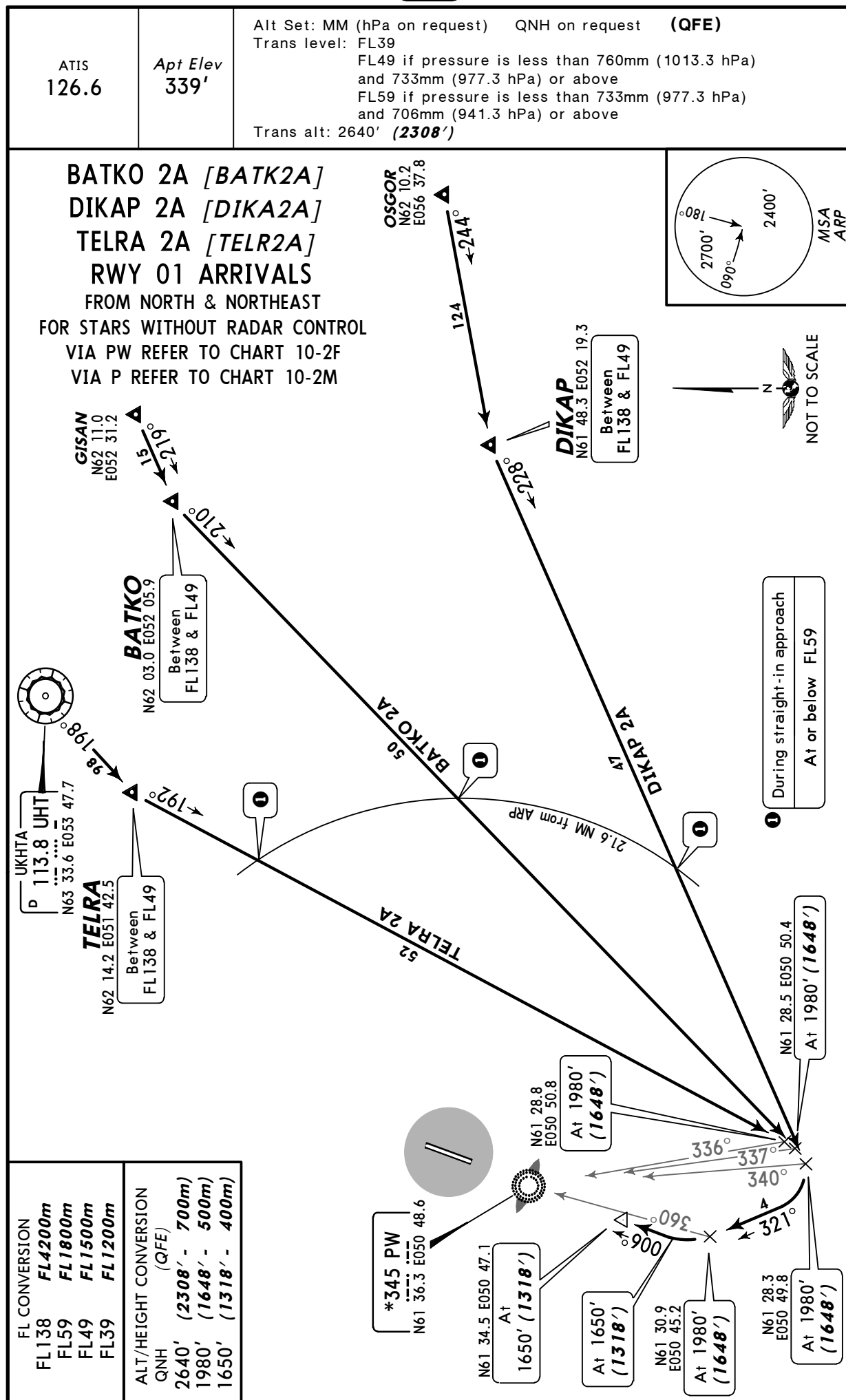
Notebook Info

UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **10-2** Eff 13 Jan

SYKTYVKAR, RUSSIA

STAR

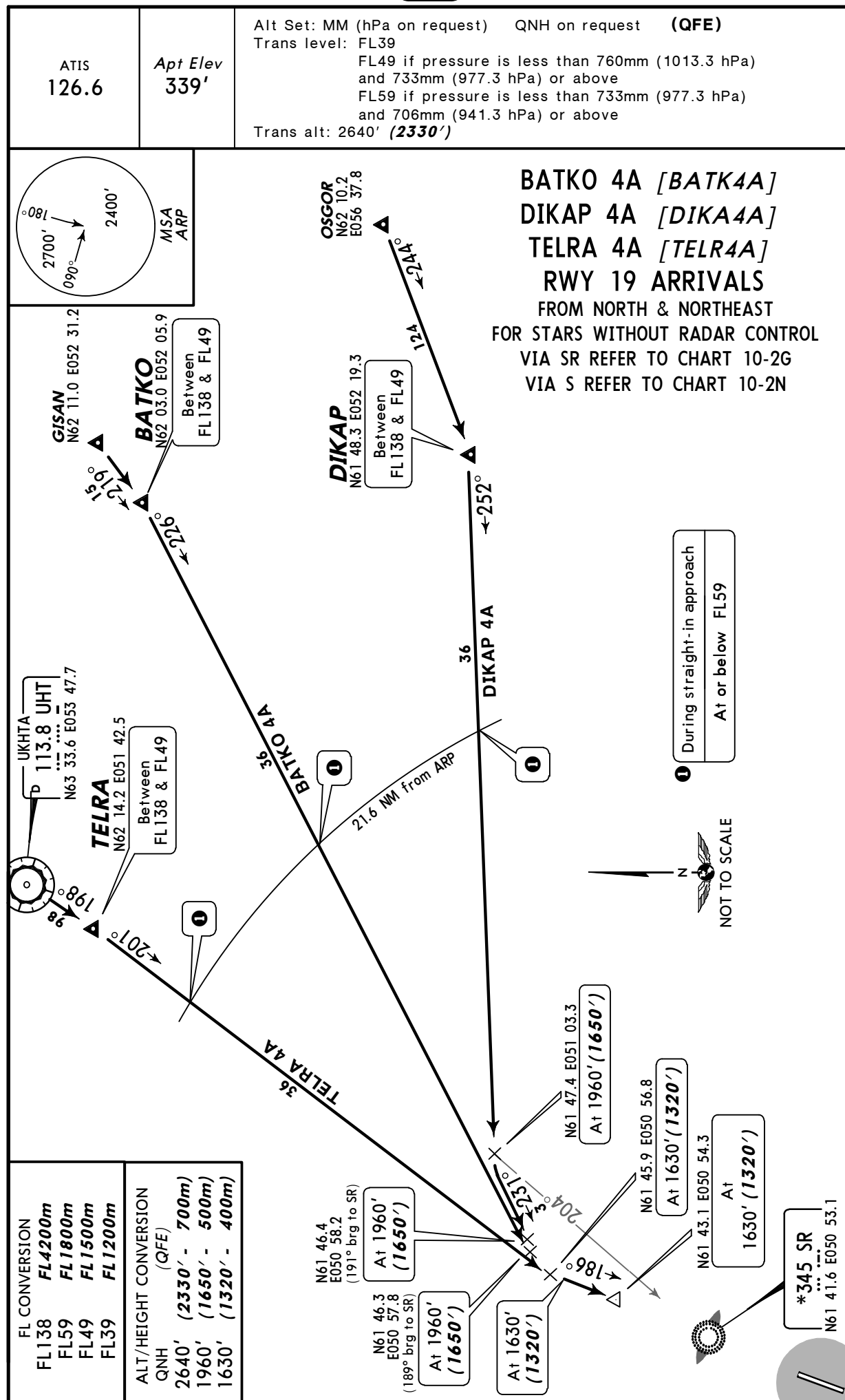


UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **10-2A** Eff 13 Jan

SYKTYVKAR, RUSSIA

STAR



UUYV/SCW
SYKTYVKAR

31 DEC 10

JEPPESEN**Eff 13 Jan**

SYKTYVKAR, RUSSIA

STAR

ATIS 126.6	Apt Elev 339'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above Trans alt: 2640' (2308')
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GOGEN 2A [GOG2A]
 LUGES 2A [LUG2A]
 TOKNI 2A [TOKN2A]
 RWY 01 ARRIVALS

FROM EAST & SOUTH
 FOR STARS WITHOUT RADAR CONTROL
 VIA PW REFER TO CHART 10-2H
 VIA P REFER TO CHART 10-2P

2700' → 081°
 2400' → 090°
 MSA ARP

NOT TO SCALE

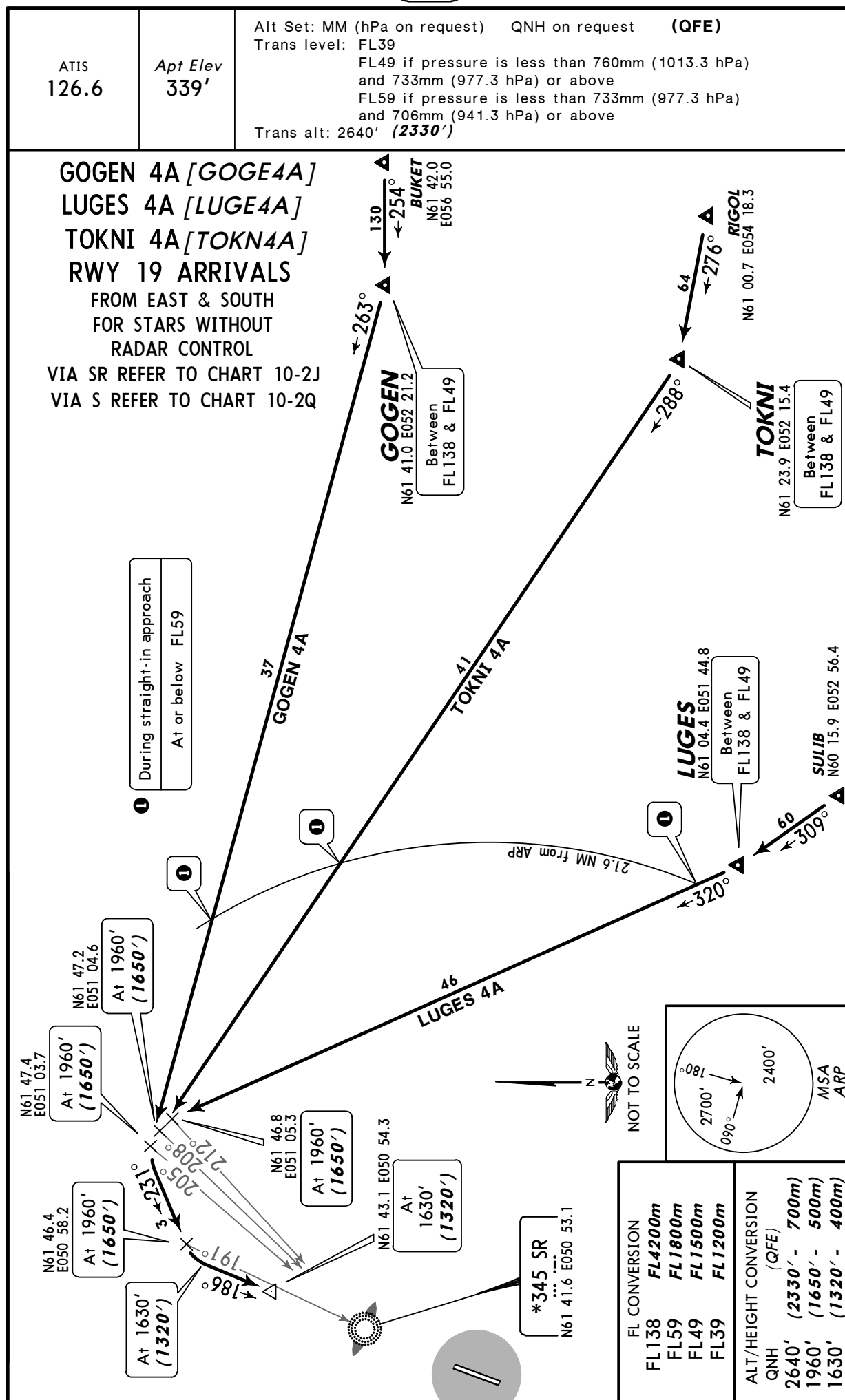
FL CONVERSION	ALT/HEIGHT CONVERSION (QFE)
FL138 FL4200m	2640' (2308' - 700m)
FL59 FL1800m	1980' (1648' - 500m)
FL49 FL1500m	1650' (1318' - 400m)
FL39 FL1200m	

UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **(10-2C)** **Eff 13 Jan**

SYKTYVKAR, RUSSIA

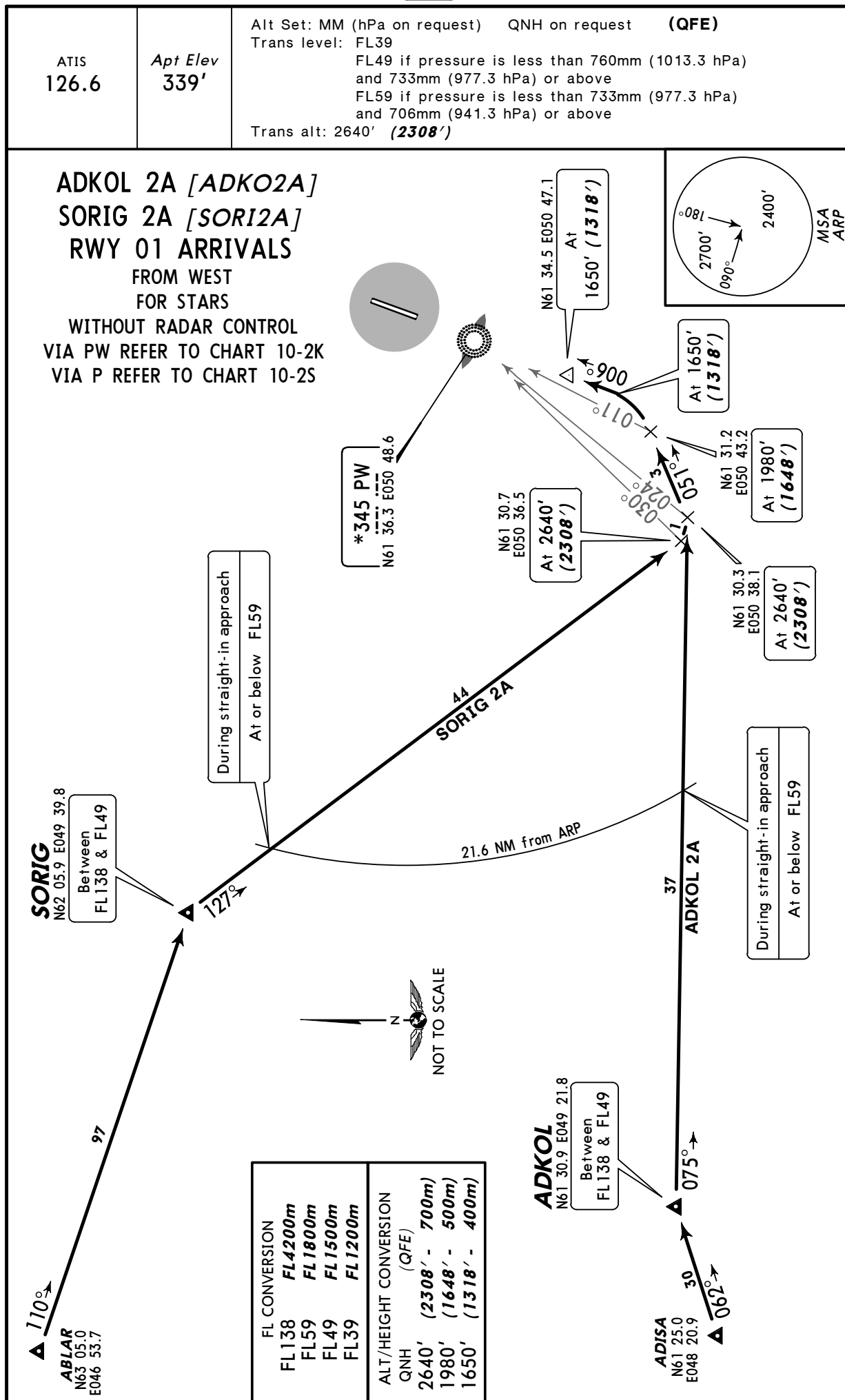
STAR



UYYY/SCW
SYKTYVKAR

JEPPesen
 31 DEC 10 **(10-2D)** **Eff 13 Jan**

SYKTYVKAR, RUSSIA
STAR

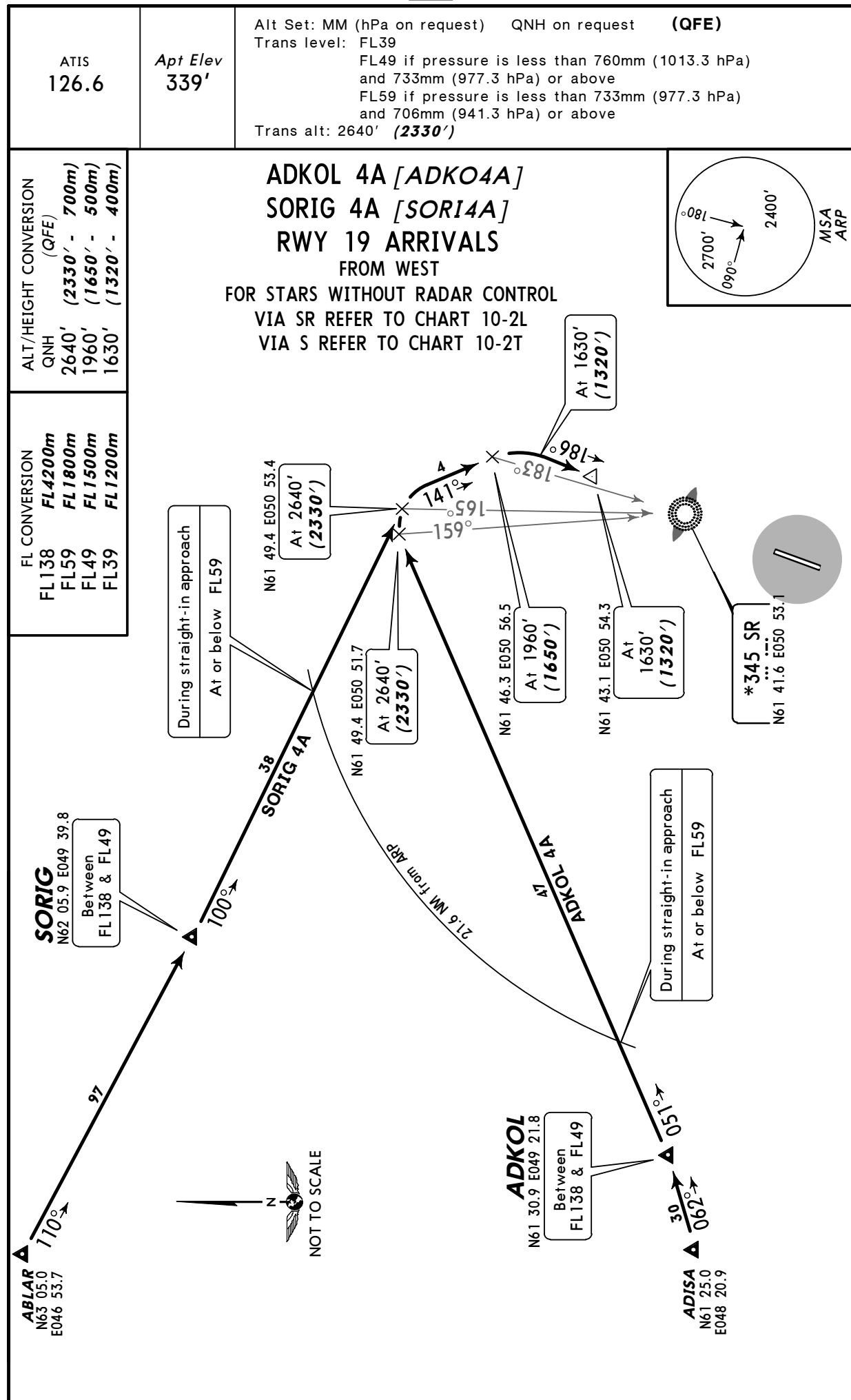


UYYY/SCW
SYKTYVKAR

JEPPESSEN
31 DEC 10 **10-2E** Eff 13 Jan

SYKTYVKAR, RUSSIA

STAR

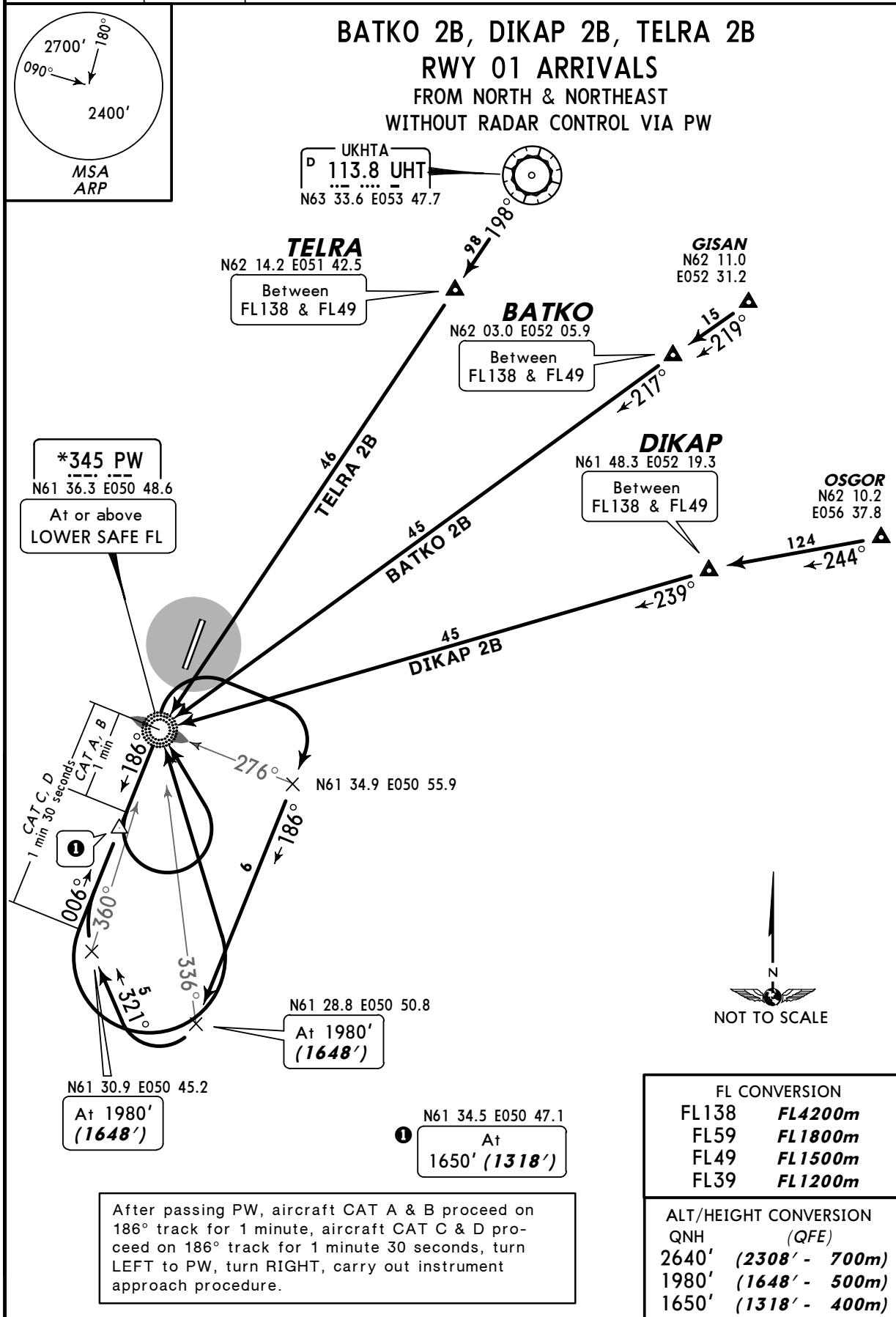


UYYY/SCW
SYKTYVKAR

JEPPESEN
 31 DEC 10 **10-2F** Eff 13 Jan

SYKTYVKAR, RUSSIA
STAR

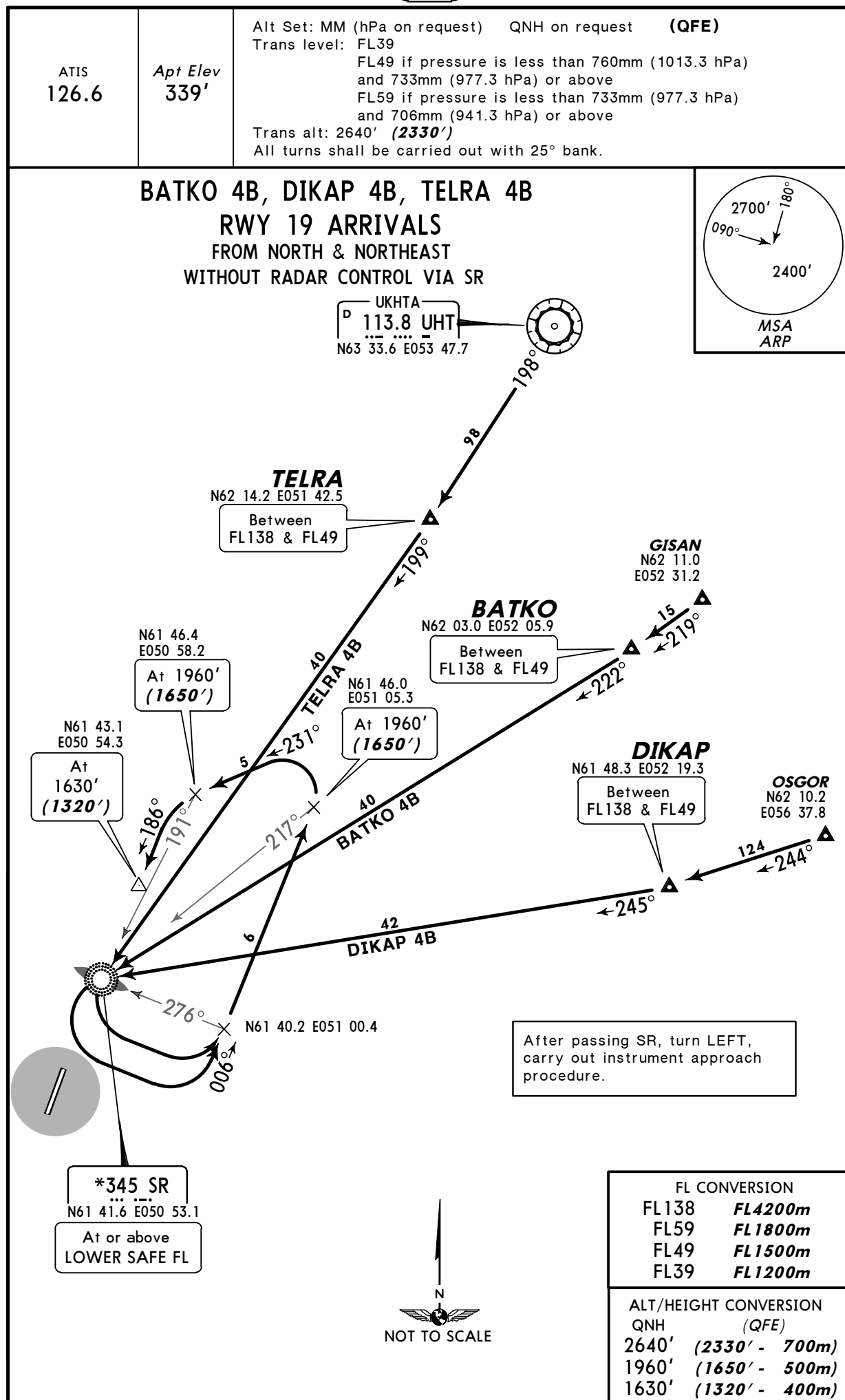
ATIS 126.6	Apt Elev 339'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above Trans alt: 2640' (2308') All turns shall be carried out with 25° bank.
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UYYY/SCW
SYKTYVKAR

JEPPESEN
31 DEC 10 **(10-2G)** **Eff 13 Jan**

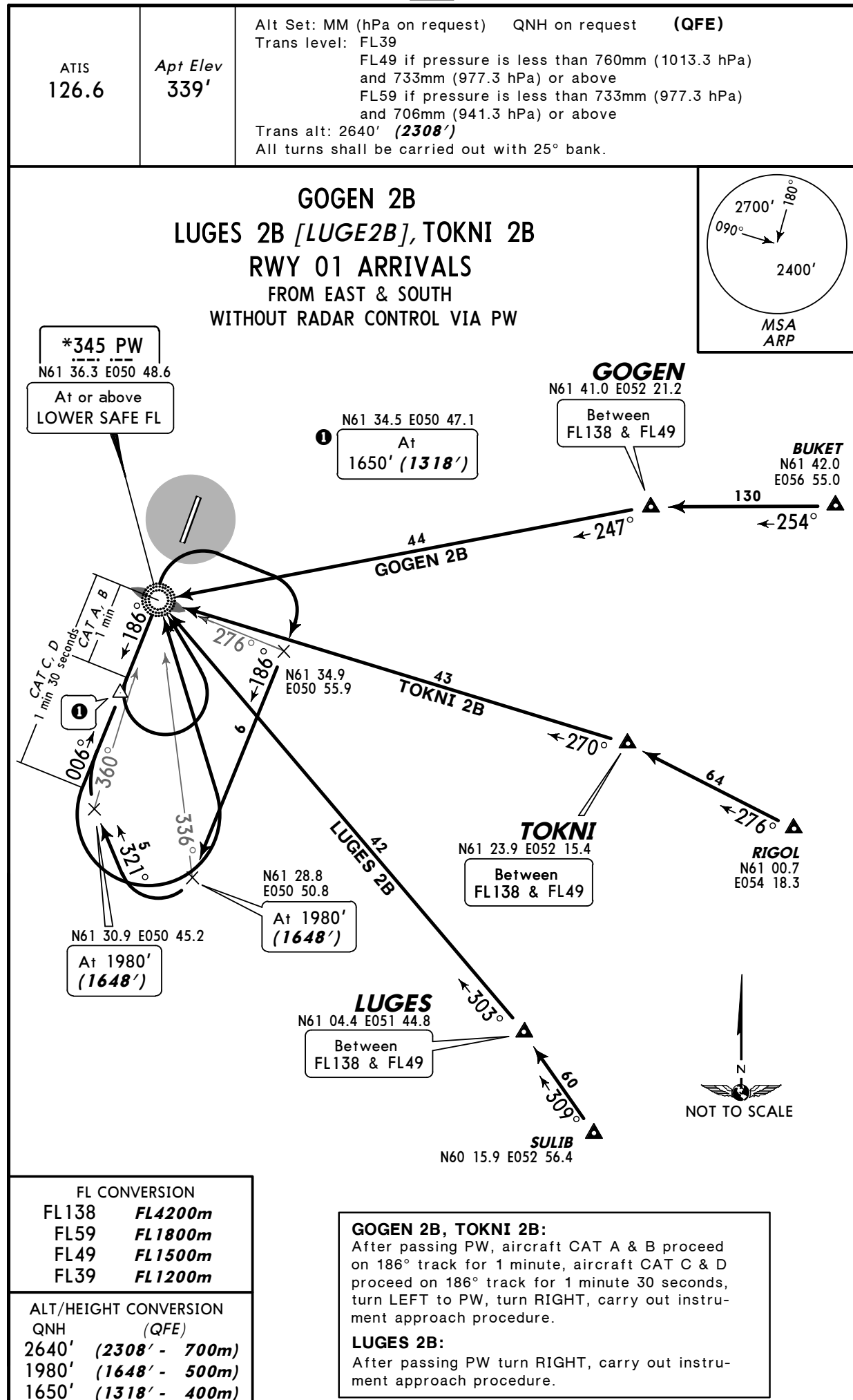
SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **(10-2H)** Eff 13 Jan

SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
SYKTYVKAR**JEPPESEN**
31 DEC 10 **(10-2J)** **Eff 13 Jan****SYKTYVKAR, RUSSIA****STAR****ATIS**
126.6**Apt Elev**
339'Alt Set: MM (hPa on request) QNH on request **(QFE)**

Trans level: FL39

FL49 if pressure is less than 760mm (1013.3 hPa)

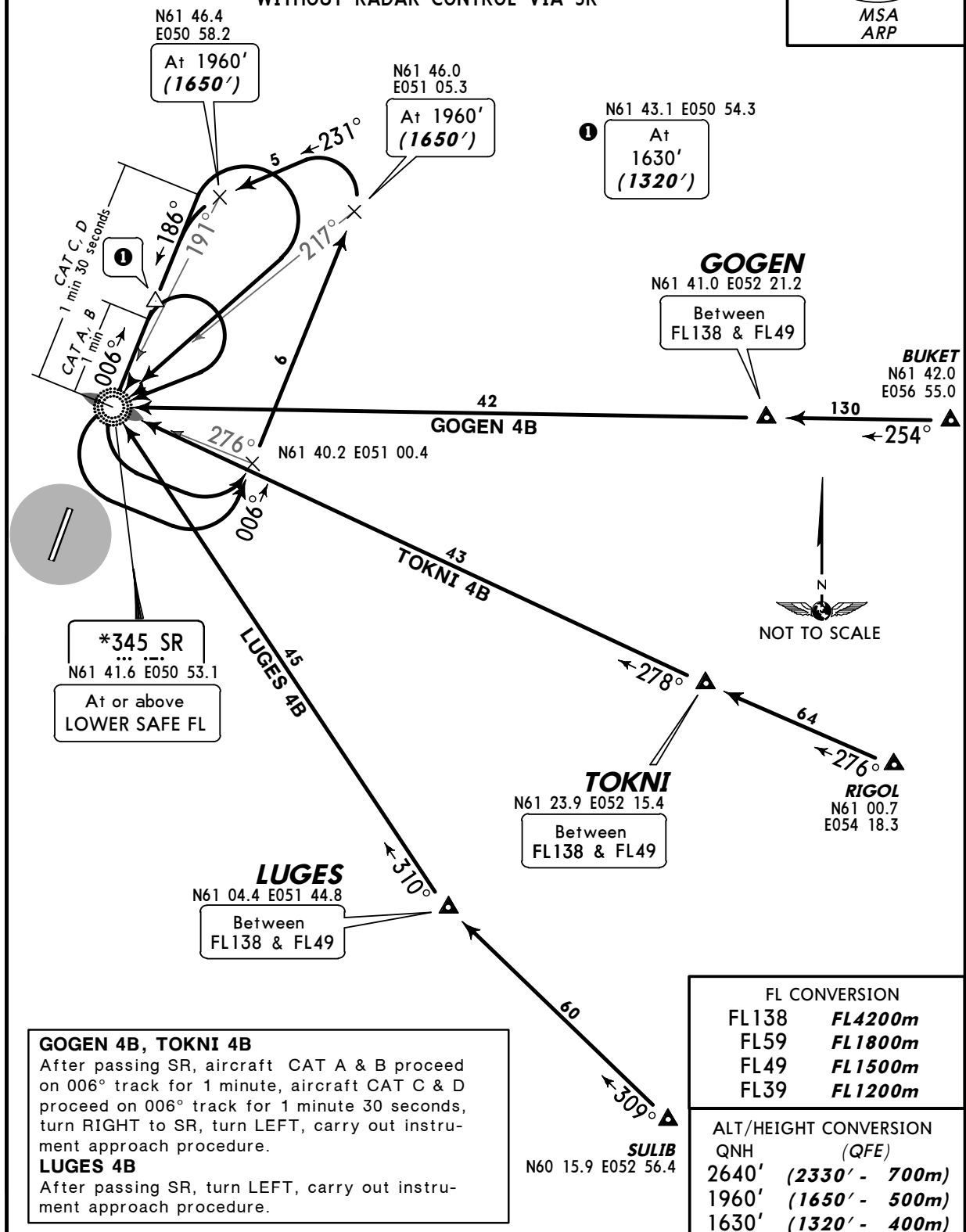
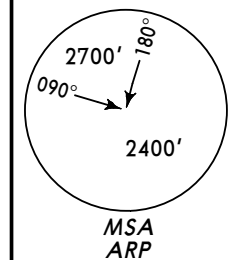
and 733mm (977.3 hPa) or above

FL59 if pressure is less than 733mm (977.3 hPa)

and 706mm (941.3 hPa) or above

Trans alt: 2640' **(2330')**

All turns shall be carried out with 25° bank.

GOGEN 4B, LUGES 4B
TOKNI 4B
RWY 19 ARRIVALS
FROM EAST & SOUTH
WITHOUT RADAR CONTROL VIA SR

UUY/SCW
SYKTYVKAR

JEPPESSEN
31 DEC 10 **10-2K** **Eff 13 Jan**

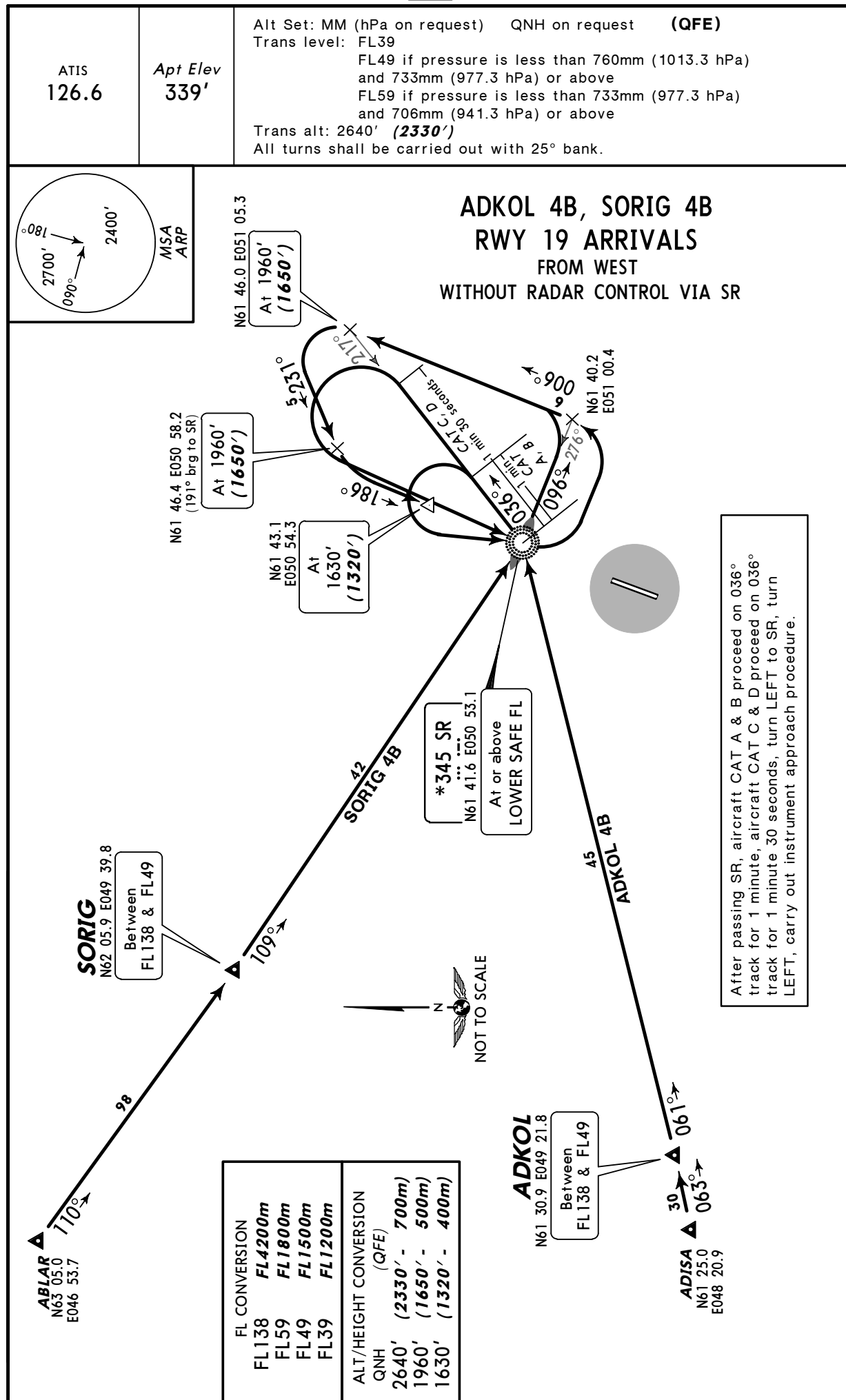
SYKTYVKAR, RUSSIA

STAR[illegible]

UYYY/SCW
 SYKTYVKAR

JEPPESSEN
 31 DEC 10 **10-2L** Eff 13 Jan

SYKTYVKAR, RUSSIA
STAR



UUY/SCW
SYKTYVKAR

JEPPESSEN
31 DEC 10 **(10-2M)** **Eff 13 Jan**

SYKTYVKAR, RUSSIA

STAR

ATIS
126.6

Apt Elev
339'

Alt Set: MM (hPa on request) QNH on request **(QFE)**

Trans level: FL39

FL49 if pressure is less than 760mm (1013.3 hPa)

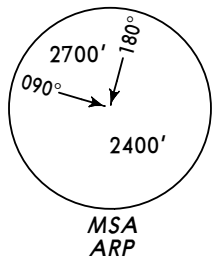
and 733mm (977.3 hPa) or above

FL59 if pressure is less than 733mm (977.3 hPa)

and 706mm (941.3 hPa) or above

Trans alt: 2640' (**2308'**)

All turns shall be carried out with 25° bank.

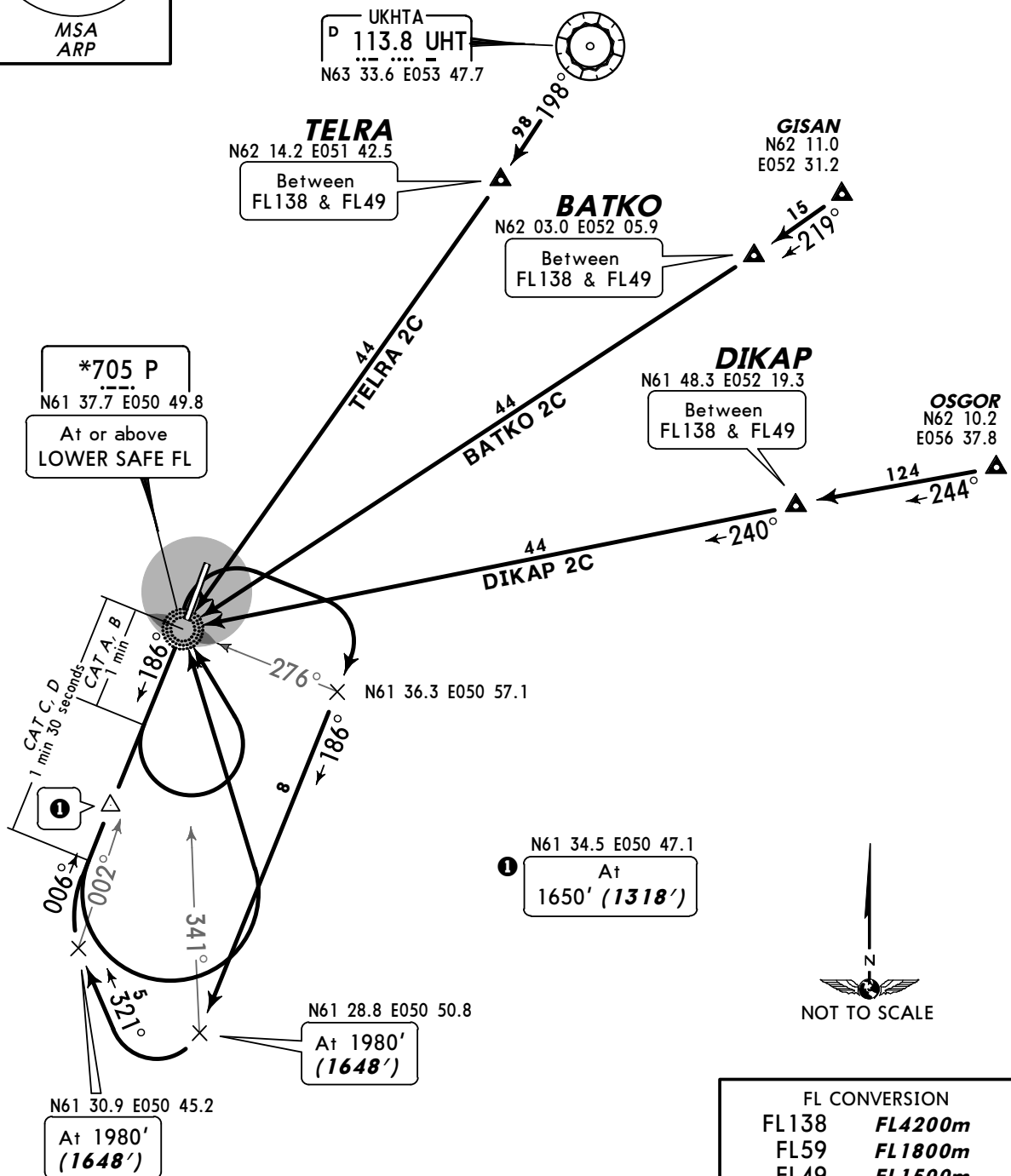


BATKO 2C, DIKAP 2C, TELRA 2C

RWY 01 ARRIVALS

FROM NORTH & NORTHEAST

WITHOUT RADAR CONTROL VIA P



After passing P, aircraft CAT A & B proceed on 186° track for 1 minute, aircraft CAT C & D proceed on 186° track for 1 minute 30 seconds, turn LEFT to P, turn RIGHT, carry out instrument approach procedure.

FL CONVERSION	
FL138	<i>FL4200m</i>
FL59	<i>FL1800m</i>
FL49	<i>FL1500m</i>
FL39	<i>FL1200m</i>

ALT/HEIGHT CONVERSION
QNH (QFE)

2640'	(2308' - 700m)
1980'	(1648' - 500m)
1650'	(1318' - 400m)

UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **10-2N** Eff 13 Jan

SYKTYVKAR, RUSSIA

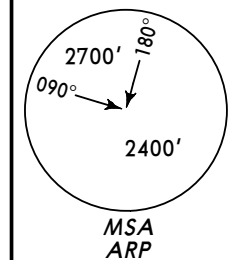
STAR

ATIS
126.6

Apt Elev
339'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL39
FL49 if pressure is less than 760mm (1013.3 hPa)
and 733mm (977.3 hPa) or above
FL59 if pressure is less than 733mm (977.3 hPa)
and 706mm (941.3 hPa) or above
Trans alt: 2640' (2330')
All turns shall be carried out with 25° bank.

BATKO 4C, DIKAP 4C, TELRA 4C
RWY 19 ARRIVALS
FROM NORTH & NORTHEAST
WITHOUT RADAR CONTROL VIA S



UKHTA
D 113.8 UHT
N63 33.6 E053 47.7

TELRA
N62 14.2 E051 42.5
Between
FL138 & FL49

BATKO
N62 03.0 E052 05.9
Between
FL138 & FL49

GISAN
N62 11.0
E052 31.2

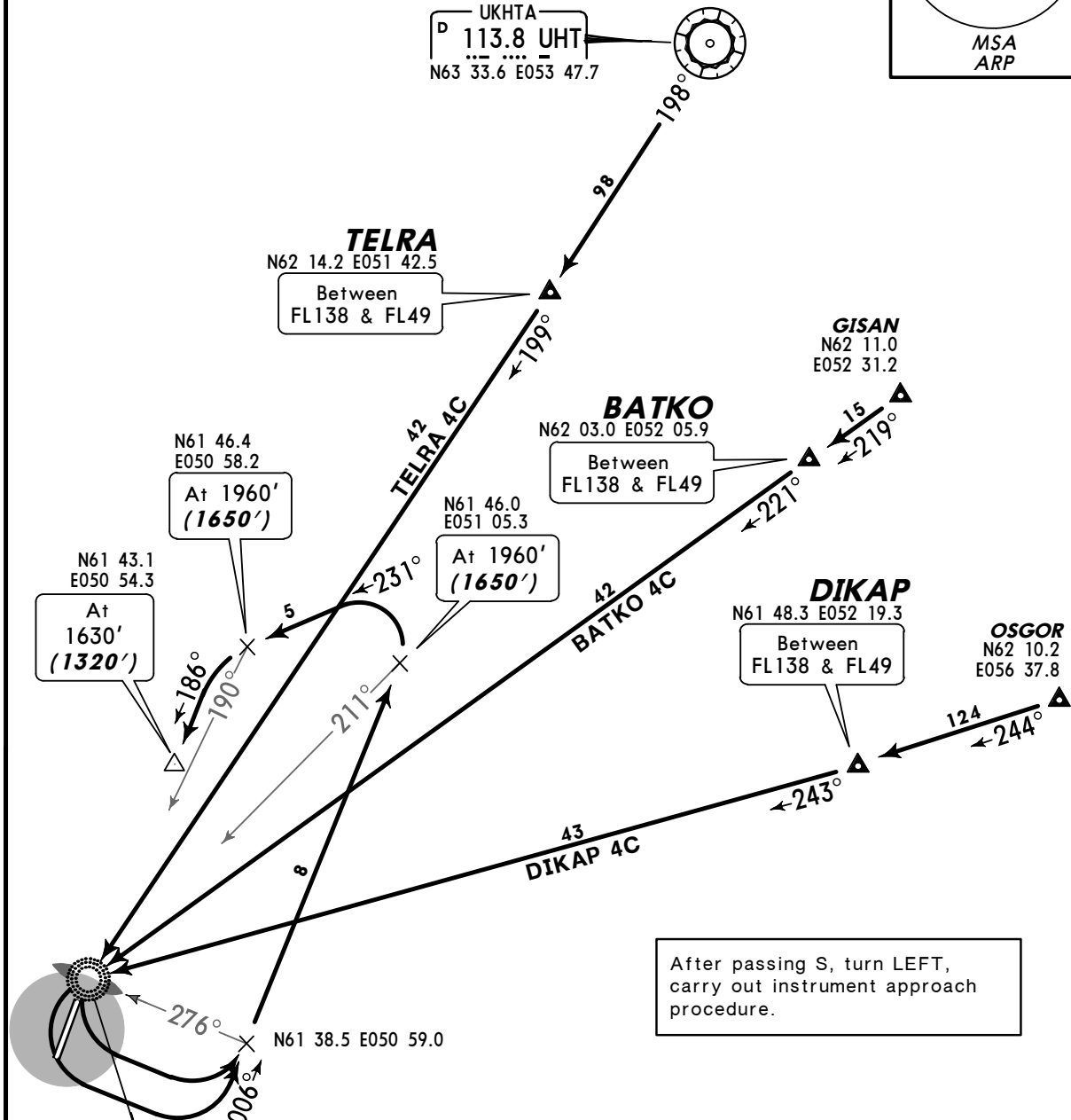
DIKAP
N61 48.3 E052 19.3
Between
FL138 & FL49

OSGOR
N62 10.2
E056 37.8

N61 46.4
E050 58.2
At 1960'
(1650')

N61 43.1
E050 54.3
At 1630'
(1320')

N61 46.0
E051 05.3
At 1960'
(1650')



***705 S**
N61 39.9 E050 51.6
At or above
LOWER SAFE FL



FL CONVERSION
FL138 FL4200m
FL59 FL1800m
FL49 FL1500m
FL39 FL1200m

ALT/HEIGHT CONVERSION
QNH (QFE)
2640' (2330' - 700m)
1960' (1650' - 500m)
1630' (1320' - 400m)

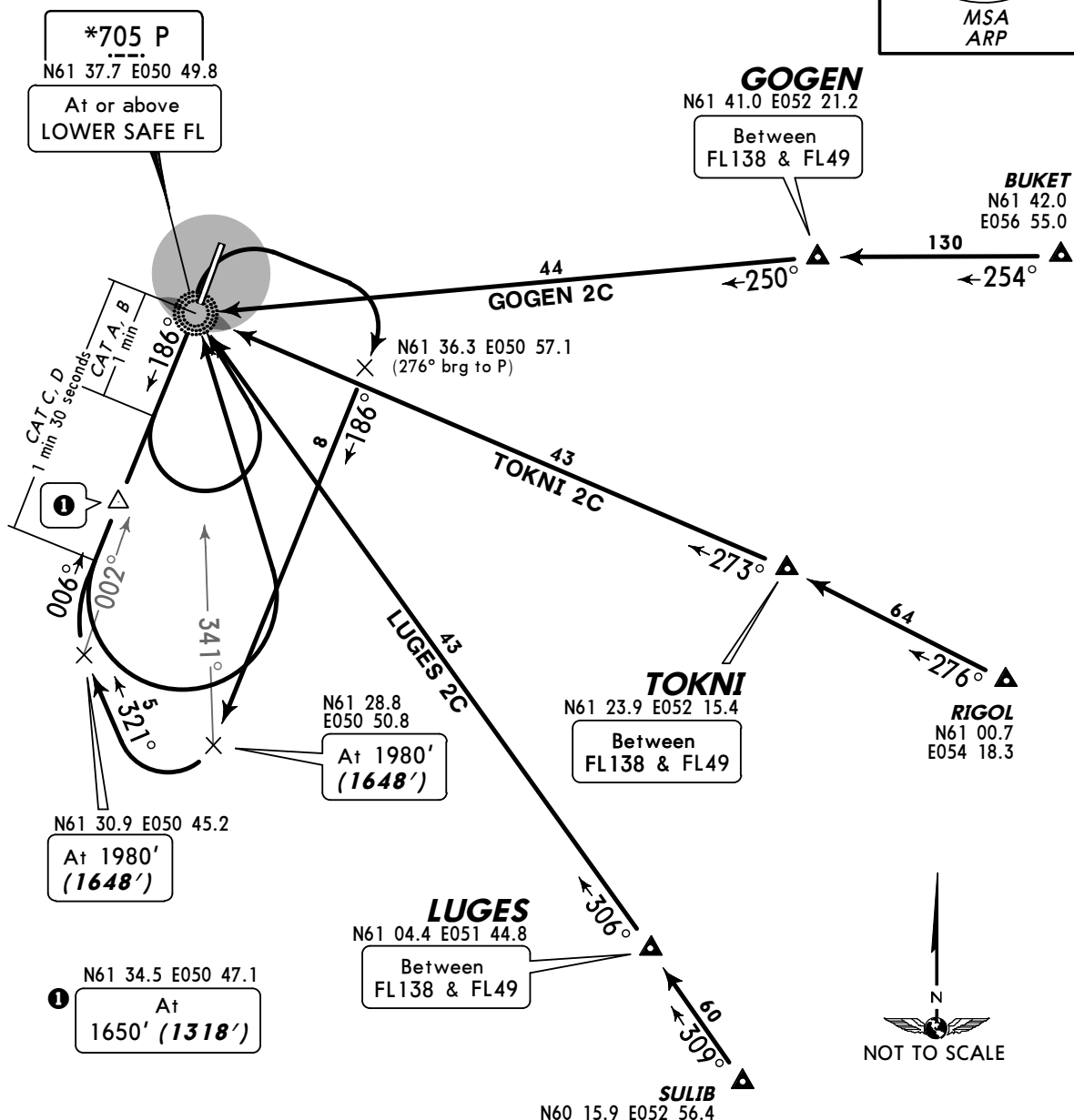
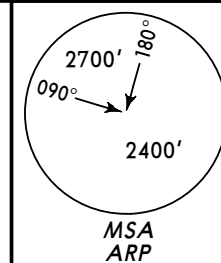
UUYV/SCW
SYKTYVKAR

JEPPESSEN
31 DEC 10 **10-2P** Eff 13 Jan

SYKTYVKAR, RUSSIA
STAR

ATIS 126.6	<i>Apt Elev</i> 339'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above Trans alt: 2640' (2308') All turns shall be carried out with 25° bank.
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GOGEN 2C, LUGES 2C, TOKNI 2C
RWY 01 ARRIVALS
FROM EAST & SOUTH
WITHOUT RADAR CONTROL VIA P



FL CONVERSION	
FL138	FL4200m
FL59	FL1800m
FL49	FL1500m
FL39	FL1200m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2640'	(2308' - 700m)
1980'	(1648' - 500m)
1650'	(1318' - 400m)

GOGEN 2C, TOKNI 2C:

After passing P, aircraft CAT A & B proceed on 186° track for 1 minute, aircraft CAT C & D proceed on 186° track for 1 minute 30 seconds, turn LEFT to P, turn RIGHT, carry out instrument approach procedure.

LUGES 2C:

After passing P turn RIGHT, carry out instrument approach procedure.

UUY/SCW
SYKTYVKAR

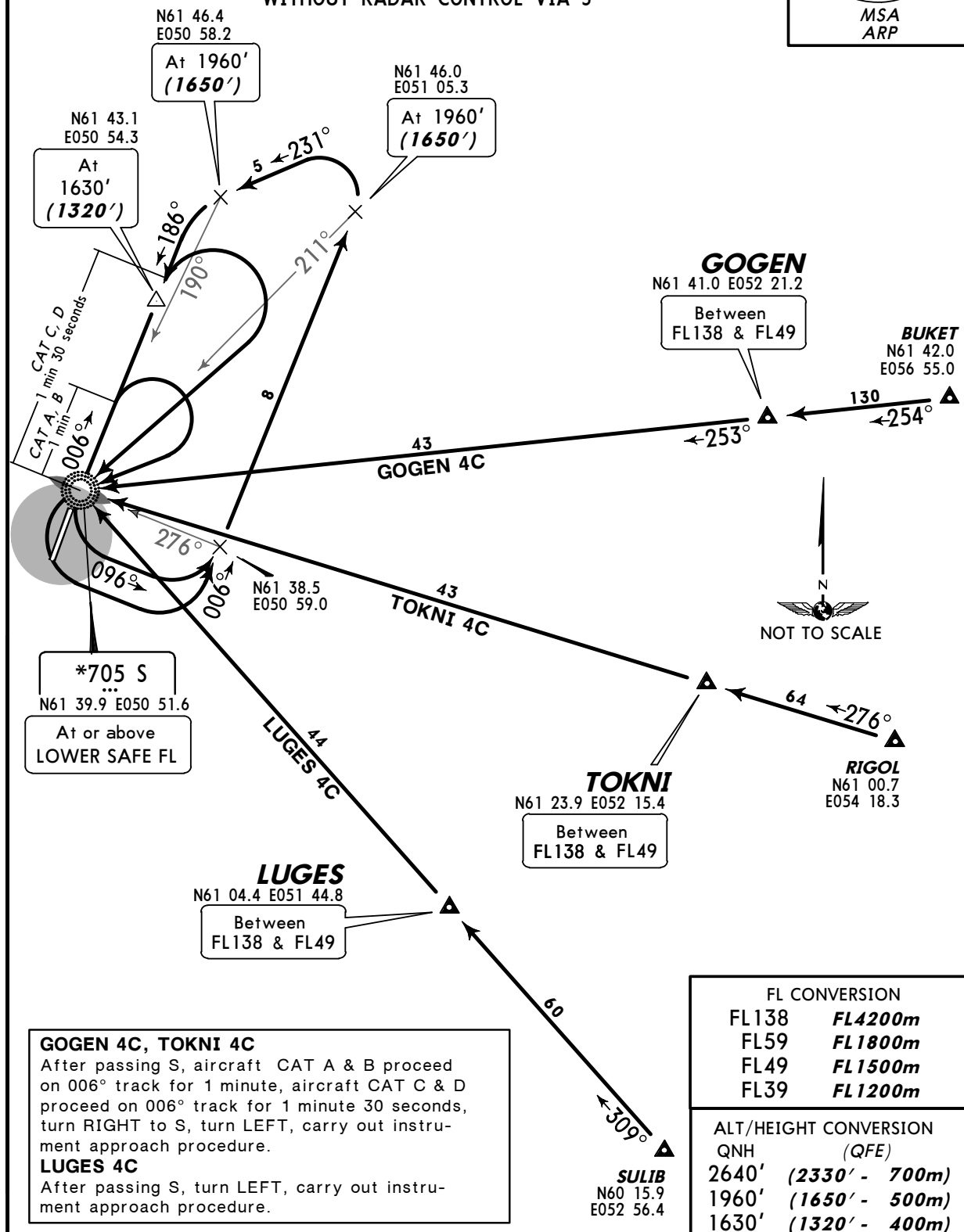
JEPPESEN
31 DEC 10 **10-2Q** Eff 13 Jan

SYKTYVKAR, RUSSIA

STAR

ATIS 126.6	<i>Apt Elev</i> 339'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above Trans alt: 2640' (2330') All turns shall be carried out with 25° bank.
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GOGEN 4C, LUGES 4C
TOKNI 4C
RWY 19 ARRIVALS
FROM EAST & SOUTH
WITHOUT RADAR CONTROL VIA S

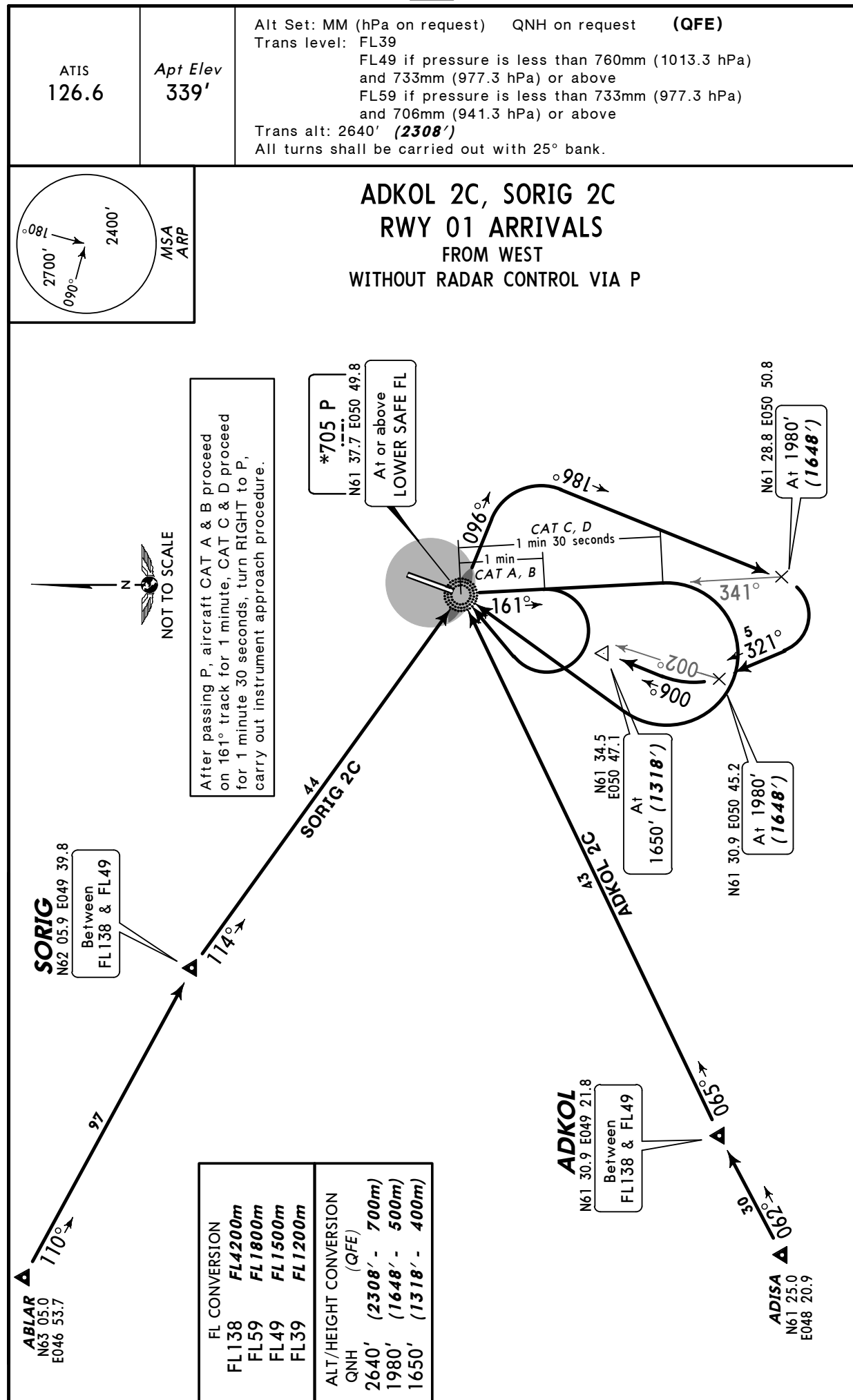


UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **(10-2S)** **Eff 13 Jan**

SYKTYVKAR, RUSSIA

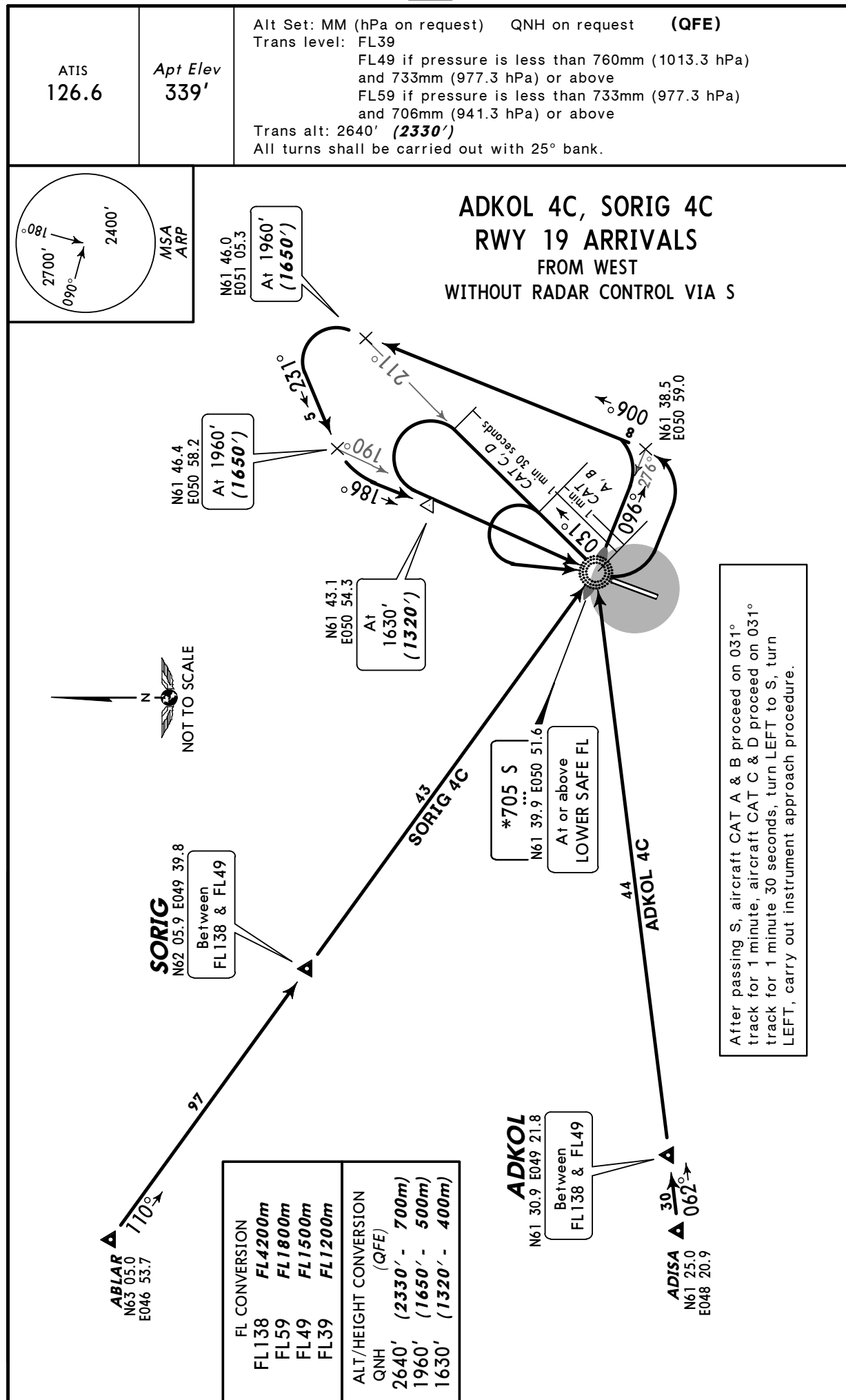
STAR



UYYY/SCW
 SYKTYVKAR

JEPPesen
 31 DEC 10 **10-2T** Eff 13 Jan

SYKTYVKAR, RUSSIA
STAR



FL CONVERSION	
FL138	FL4200m
FL59	FL1800m
FL49	FL1500m
FL39	FL1200m

ALT/HEIGHT CONVERSION (QFE)	
2640'	(2330' - 700m)
1960'	(1650' - 500m)
1630'	(1320' - 400m)

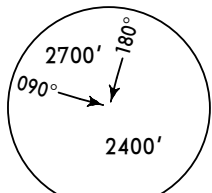
After passing S, aircraft CAT A & B proceed on 031° track for 1 minute, aircraft CAT C & D proceed on 031° track for 1 minute 30 seconds, turn LEFT to S, turn LEFT, carry out instrument approach procedure.

UYYY/SCW
SYKTYVKAR

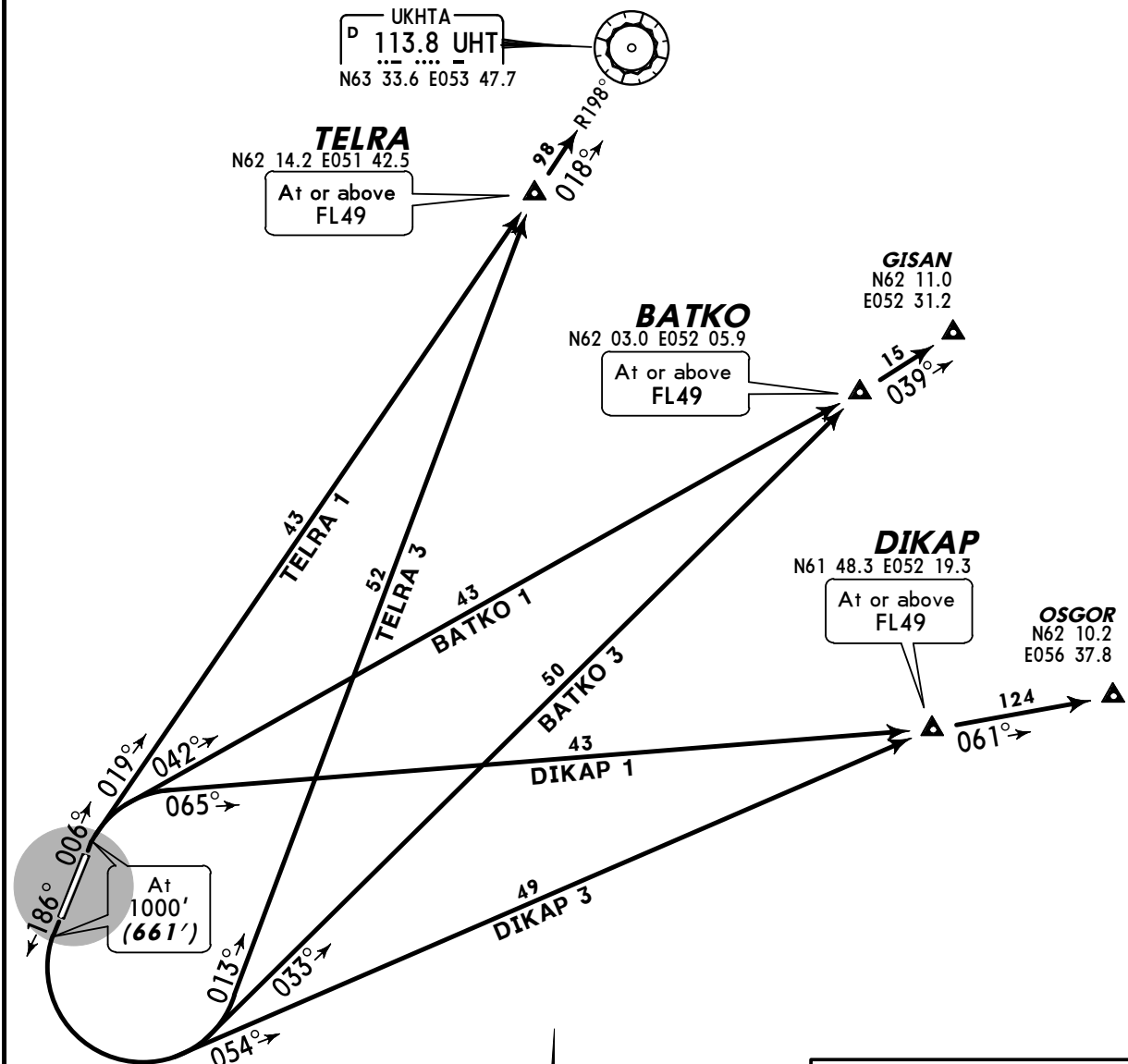
JEPPESEN
31 DEC 10 **10-3** **Eff 13 Jan**

SYKTYVKAR, RUSSIA

SID

SIVKAR Krug 124.6	QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above	 MSA ARP
Apt Elev 339'	Trans alt: 2640' (2301') 1. Control of SIDs maintained by SIVKAR Krug. 2. Take-off of CAT B, C, D aircraft should be carried out with noise abatement procedure according to Flight Manual.	

BATKO 1, BATKO 3
DIKAP 1, DIKAP 3
TELRA 1, TELRA 3
RWYS 01, 19 DEPARTURES
TO NORTH & NORTHEAST



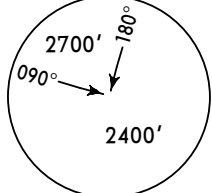
ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(661' - 200m)
2640'	(2301' - 700m)
FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL59	FL1800m

UYYY/SCW
SYKTYVKAR

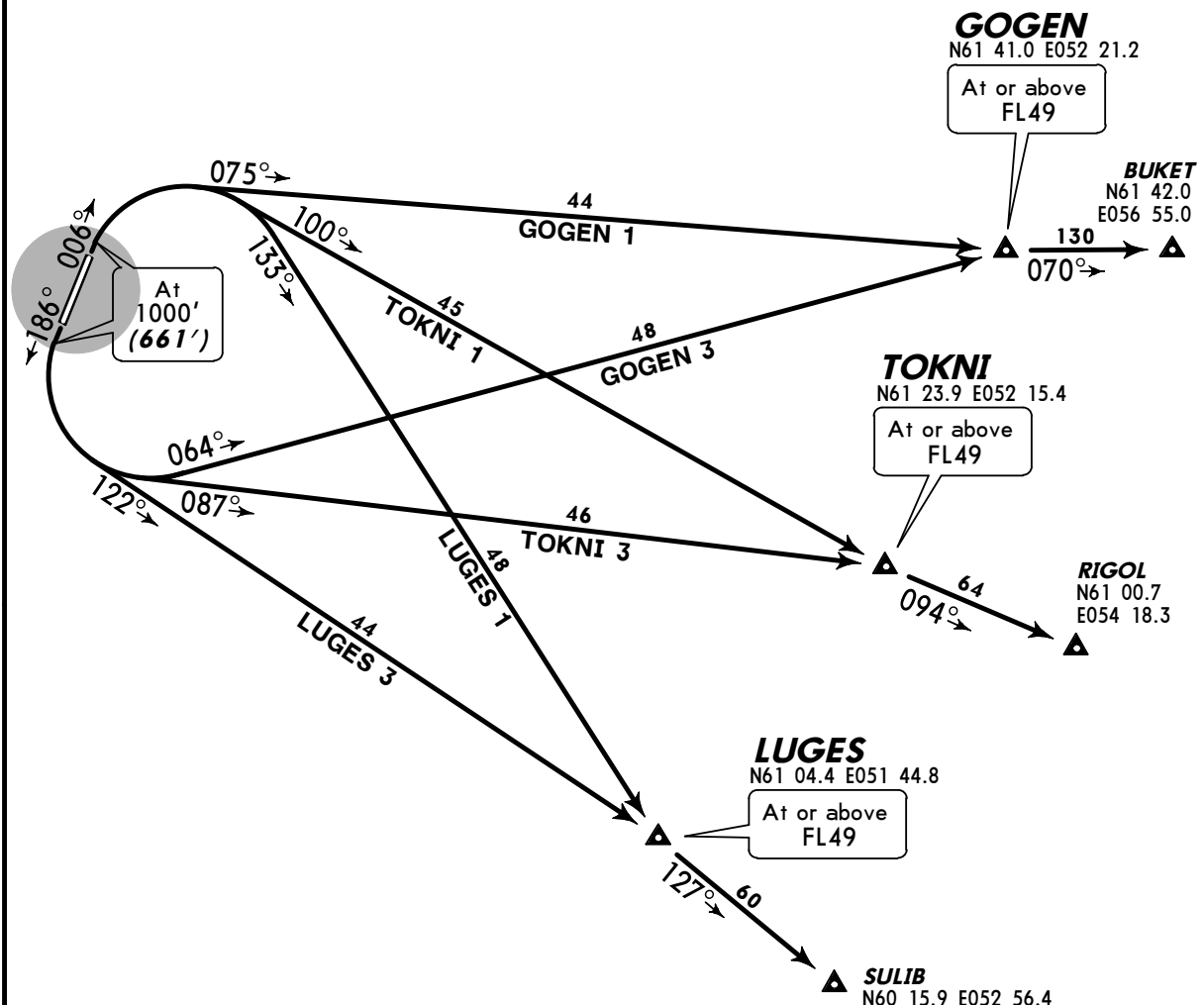
JEPPESEN
31 DEC 10 **10-3A** **Eff 13 Jan**

SYKTYVKAR, RUSSIA

SID

SIVKAR Krug 124.6	QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above	 MSA ARP
Apt Elev 339'	Trans alt: 2640' (2301') 1. Control of SIDs maintained by SIVKAR Krug. 2. Take-off of CAT B, C, D aircraft should be carried out with noise abatement procedure according to Flight Manual.	

GOGEN 1, GOGEN 3
LUGES 1, LUGES 3
TOKNI 1, TOKNI 3
RWYS 01, 19 DEPARTURES
TO EAST & SOUTH



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(661' - 200m)
2640'	(2301' - 700m)

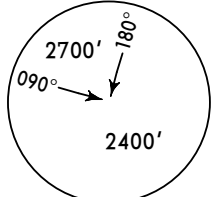
FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL59	FL1800m



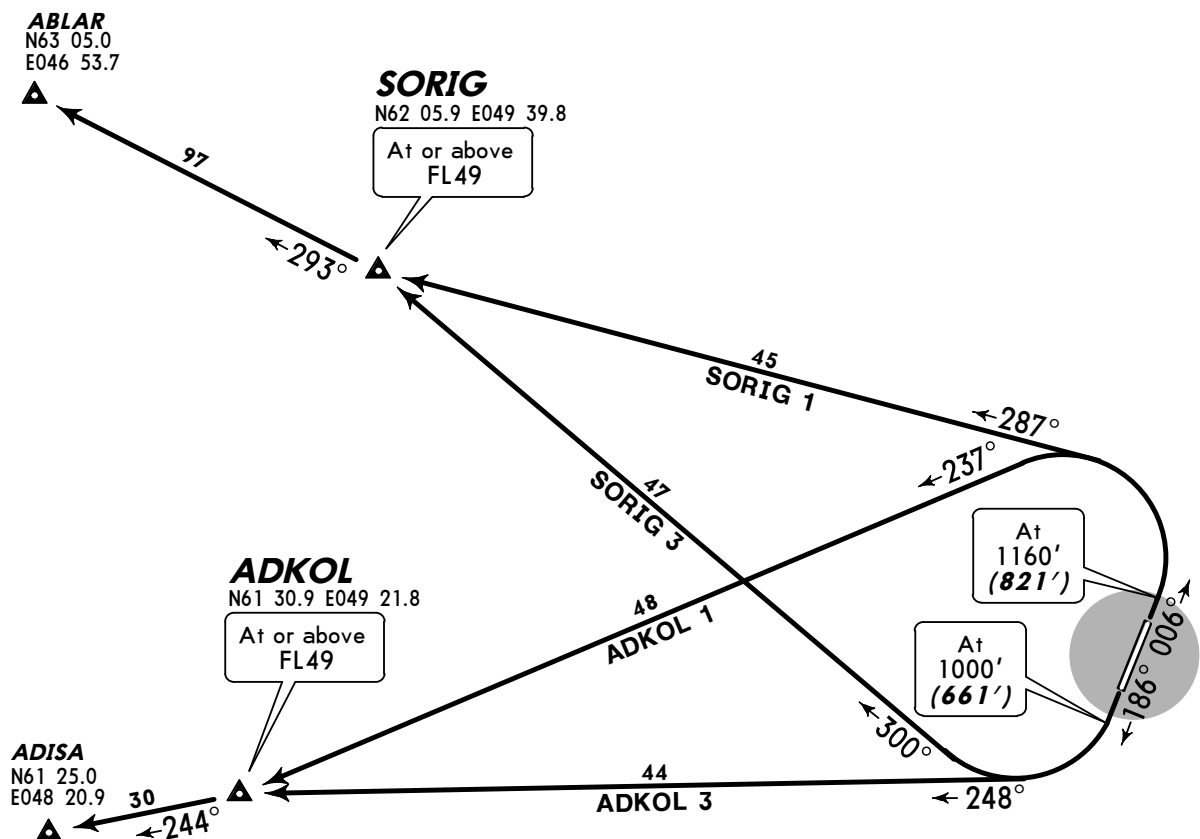
UUYV/SCW
SYKTYVKAR

JEPPESEN
31 DEC 10 **(10-3B)** **Eff 13 Jan**

SYKTYVKAR, RUSSIA
SID

SIVKAR Krug 124.6	QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above	 MSA ARP
<i>Apt Elev</i> 339'	Trans alt: 2640' (2301') 1. Control of SIDs maintained by SIVKAR Krug. 2. Take-off of CAT B, C, D aircraft should be carried out with noise abatement procedure according to Flight Manual.	

ADKOL 1, ADKOL 3
SORIG 1, SORIG 3
RWYS 01, 19 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(661' - 200m)
1160'	(821' - 250m)
2640'	(2301' - 700m)

FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL59	FL1800m

UUYV/SCW

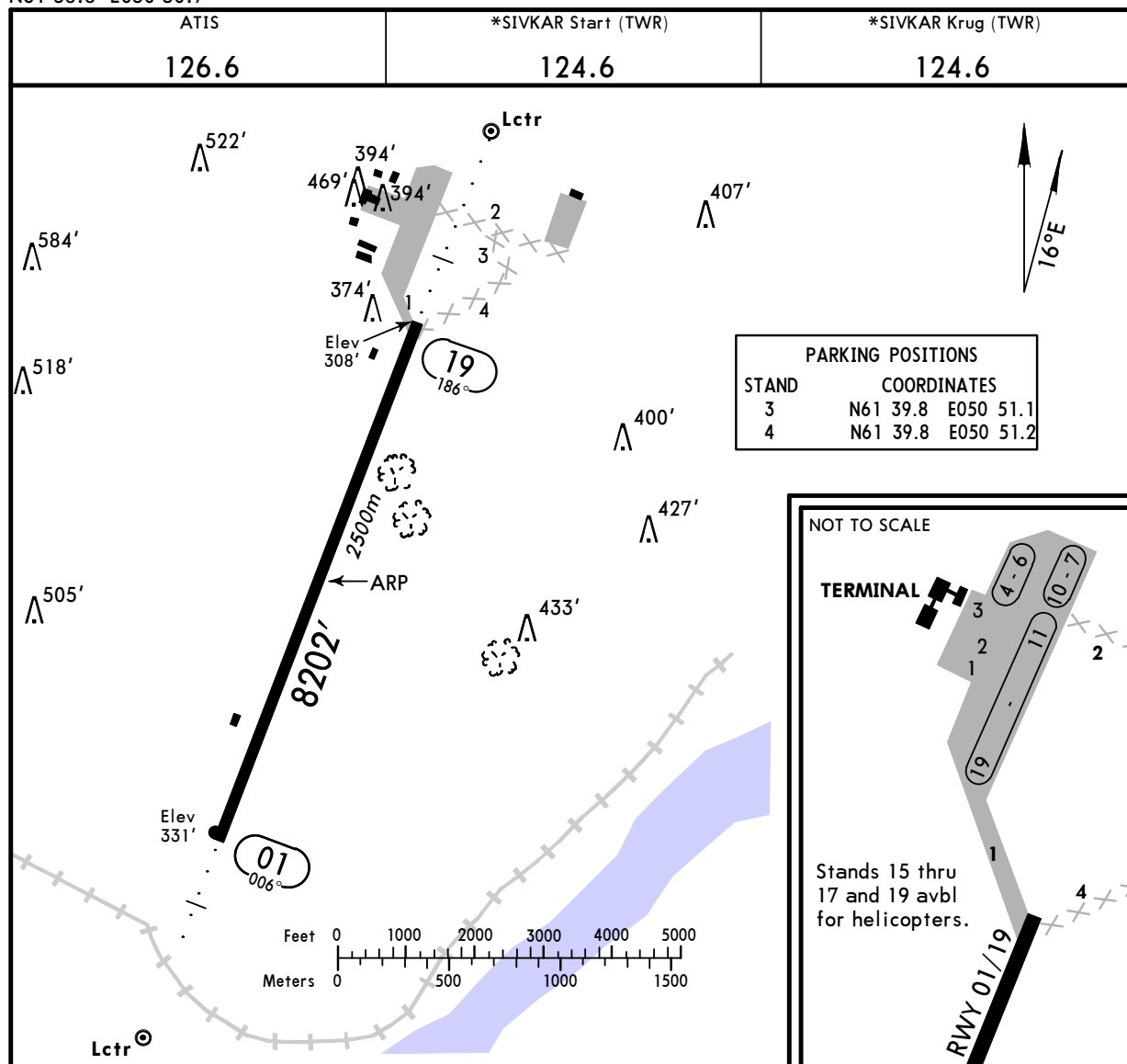
Apt Elev **338'**
N61 38.8 E050 50.7

JEPPESEN

25 SEP 09 **(10-9)**

SYKTYVKAR, RUSSIA

SYKTYVKAR



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS			
		LANDING BEYOND		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
01	HIRL (58m) ALS RVR				164'
19	HIRL (58m) ALS PAPI-L (angle 3.00°) RVR		7119' 2170m		50m

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	

UUYV/SCW

 **JEPPESEN**
29 APR 11 **10-9S**
Standard
SYKTYVKAR, RUSSIA
 SYKTYVKAR

STRAIGHT-IN RWY		A	B	C	D
01	ILS	532' (200') R1000m	532' (200') R1000m	532' (200') R1000m	532' (200') R1000m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ①	710' (378') R1500m	710' (378') R1500m	710' (378') R1500m	710' (378') R1500m
	ALS out	R1700m	R1700m	R1700m	R1700m
19	ILS	510' (200') R1000m	510' (200') R1000m	510' (200') R1000m	510' (200') R1000m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ①	720' (410') R1700m	720' (410') R1700m	720' (410') R1700m	720' (410') R1700m
	ALS out	R1900m	R1900m	R1900m	R1900m

① Continuous Descent Final Approach.

TAKE-OFF RWY 01, 19

LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

UUYV/SCW

JEPPESEN

31 DEC 10

10-9X

Eff 13 Jan

JAA MINIMUMS

SYKTYVKAR, RUSSIA

SYKTYVKAR

STRAIGHT-IN RWY		A	B	C	D
01	ILS	532' (200')	532' (200')	532' (200')	532' (200')
		R800m	R800m	R800m	R800m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	2 NDB	710' (378')	710' (378')	710' (378')	710' (378')
	ALS out	R1300m R1500m	R1400m R1500m	R1600m R1800m	R1800m R2000m
19	ILS	510' (200')	510' (200')	510' (200')	510' (200')
		R800m	R800m	R800m	R800m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	2 NDB	720' (410')	720' (410')	720' (410')	720' (410')
	ALS out	R1300m R1500m	R1400m R1500m	R1600m R1800m	R1800m R2000m

TAKE-OFF RWY 01, 19

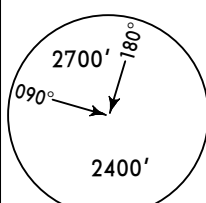
LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	250m	400m
B		
C		
D	300m	NIL (DAY only)

UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **(11-1)** Eff 13 Jan

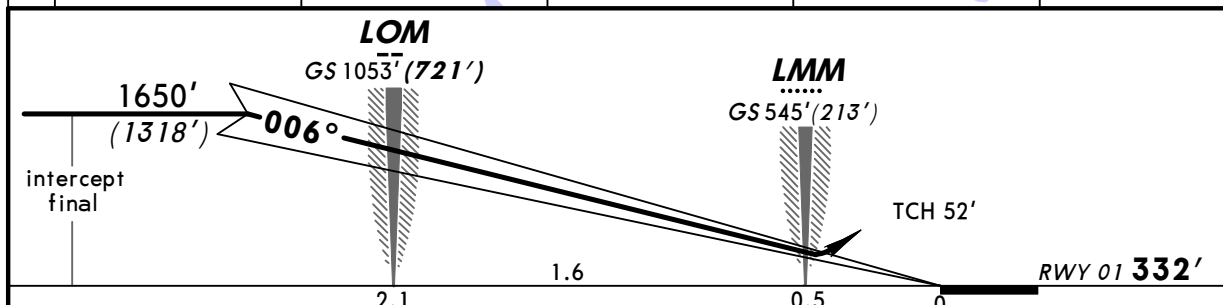
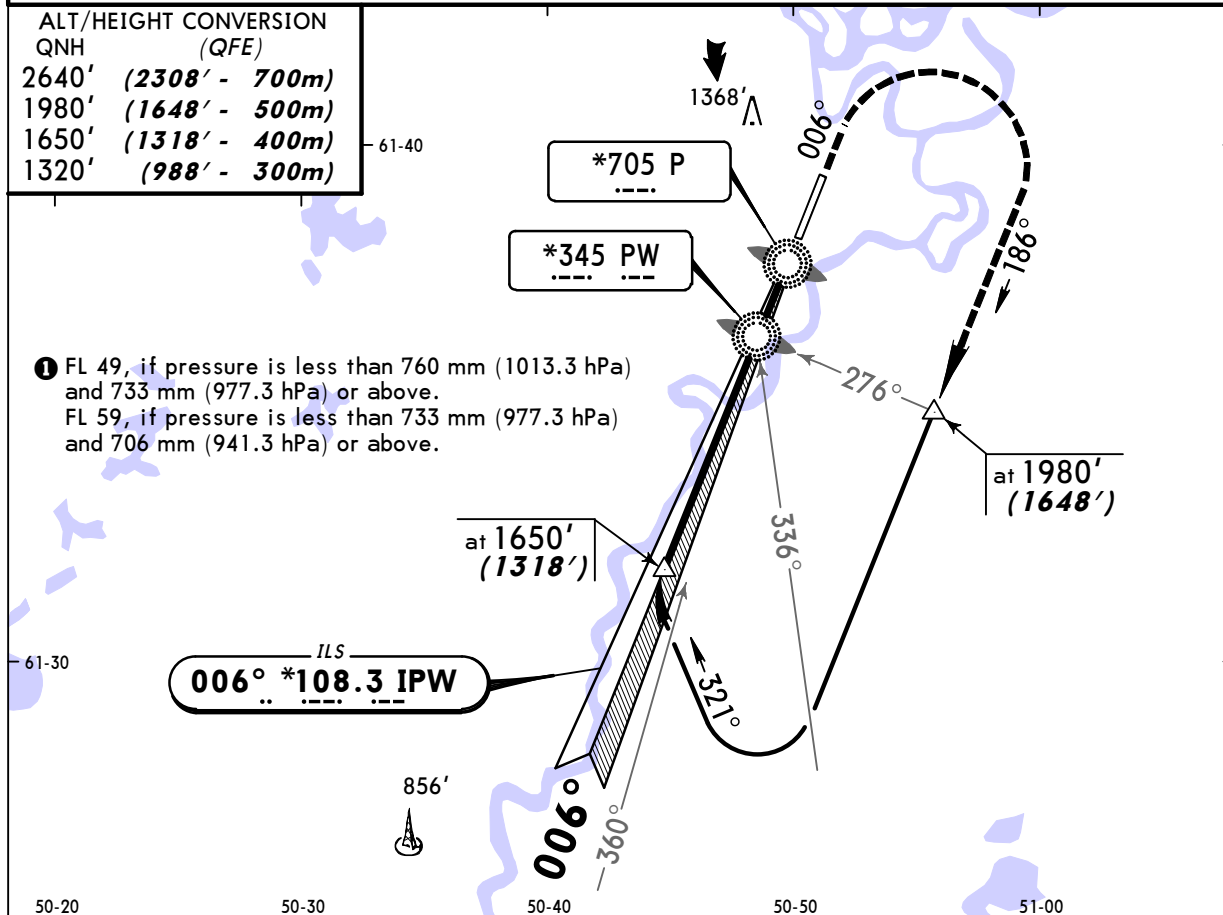
SYKTYVKAR, RUSSIA
ILS Rwy 01

BRIEFING STRIP

ATIS 126.6		*SIVKAR Krug (TWR) 124.6		*SIVKAR Start (TWR) 124.6		 MSA ARP
LOC IPW *108.3	Final Apch Crs 006°	GS LOM 1053' (721')	ILS DA(H) 532' (200')	Apt Elev 339'	RWY 332'	
MISSED APCH: Climb on 006° to 1320' (988'), then turn RIGHT onto 186° climbing to 1980' (1648'), then according to chart, or as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39 1		
Trans alt: 2640' (2308')						

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2640'	(2308' - 700m)
1980'	(1648' - 500m)
1650'	(1318' - 400m)
1320'	(988' - 300m)

- 1** FL 49, if pressure is less than 760 mm (1013.3 hPa) and 733 mm (977.3 hPa) or above.
FL 59, if pressure is less than 733 mm (977.3 hPa) and 706 mm (941.3 hPa) or above.



Gnd speed-Kts	70	90	100	120	140	160	ALS	1320' (988') on 006°	186° RT	1980' (1648')
GS	3.00°	377	485	539	647	755	862			

STRAIGHT-IN LANDING RWY 01		LOC (GS out)	
ILS		LOC (GS out)	
DA(H) 532' (200')		LOC (GS out)	
FULL	ALS out	LOC (GS out)	
A		LOC (GS out)	
B		LOC (GS out)	
C		LOC (GS out)	
D		LOC (GS out)	

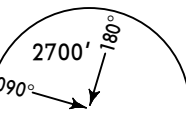
PANS OPS

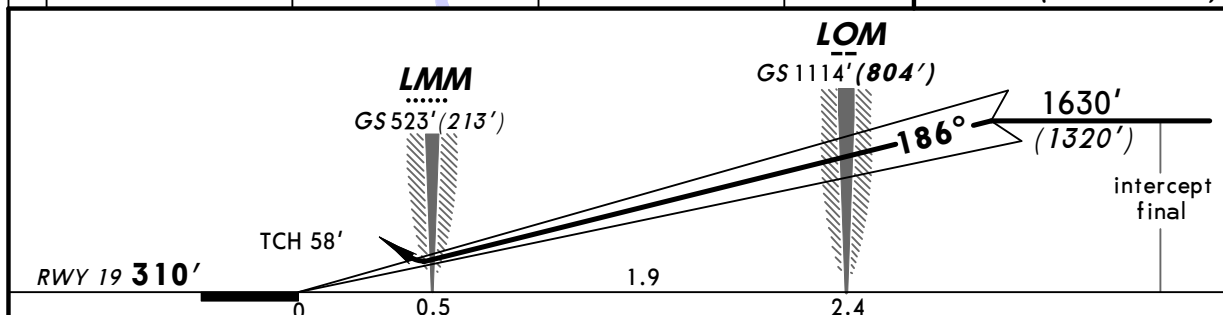
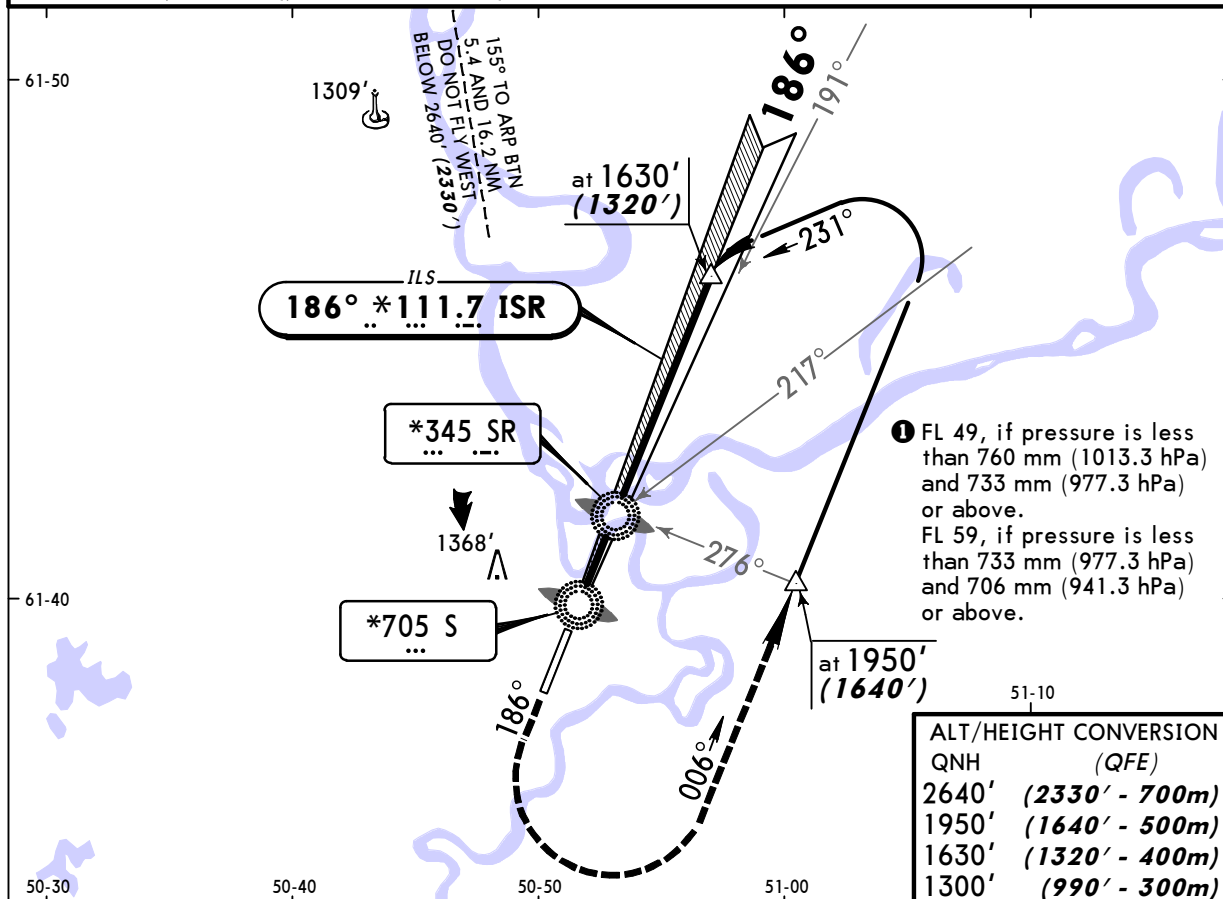
UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **(11-2)** Eff 13 Jan

SYKTYVKAR, RUSSIA
ILS Rwy 19

BRIEFING STRIP

ATIS 126.6		*SIVKAR Krug (TWR) 124.6		*SIVKAR Start (TWR) 124.6		
LOC ISR *111.7	Final Apch Crs 186°	GS LOM 1114'(804')	ILS DA(H) 510'(200')	Apt Elev 339' RWY 310'		
MISSED APCH: Climb on 186° to 1300'(990'), then turn LEFT onto 006° climbing to 1950'(1640'), then according to chart, or as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39 1		
Trans alt: 2640'(2330')						



Gnd speed-Kts	70	90	100	120	140	160	ALS PAPI 1300' (990') on 186° 006° LT 1950' (1640')
GS	3.00°	377	485	539	647	755	

STRAIGHT-IN LANDING RWY 19		LOC (GS out)	
ILS DA(H) 510' (200') FULL ALS out			
A	1200m	NOT AUTHORIZED	
B			
C			
D			

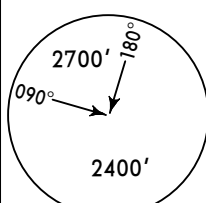
PANS OPS

UYYY/SCW
SYKTYVKAR

JEPPesen
31 DEC 10 **(16-1)** Eff 13 Jan

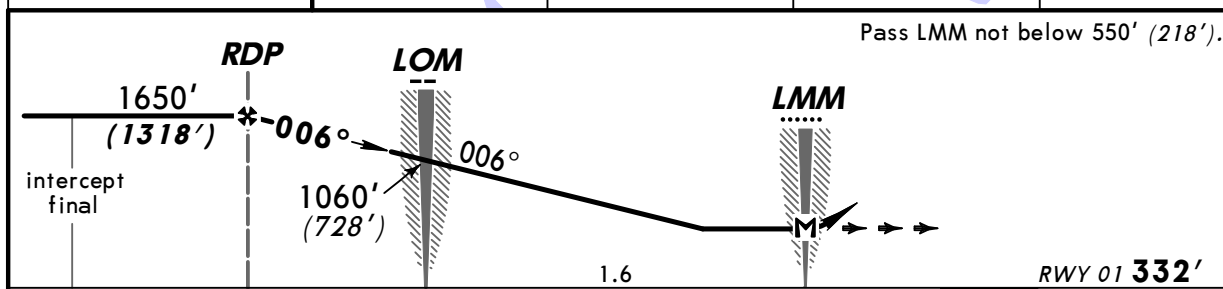
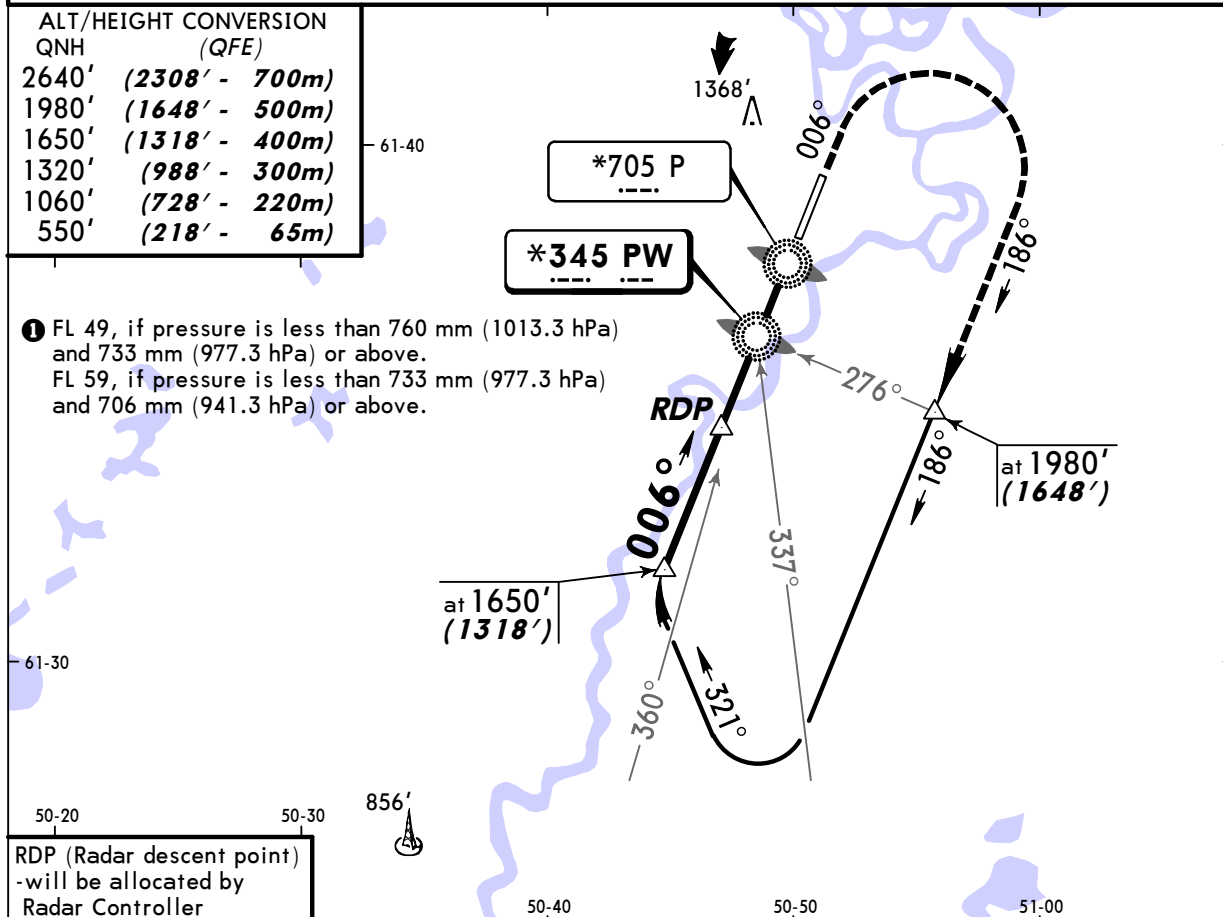
SYKTYVKAR, RUSSIA
2 NDB Rwy 01

BRIEFING STRIP

ATIS 126.6		*SIVKAR Krug (TWR) 124.6		*SIVKAR Start (TWR) 124.6		 MSA ARP
NDB PW *345	Final Apch Crs 006°	Minimum Alt RDP 1650' (1318')	MDA(H) 710' (378')	Apt Elev 339'	RWY 332'	
MISSED APCH: Climb on 006° to 1320' (988'), then turn RIGHT onto 186° climbing to 1980' (1648'), then according to chart, or as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39 1		
Trans alt: 2640' (2308')						

ALT/HEIGHT CONVERSION QNH (QFE)	
2640'	(2308' - 700m)
1980'	(1648' - 500m)
1650'	(1318' - 400m)
1320'	(988' - 300m)
1060'	(728' - 220m)
550'	(218' - 65m)

- 1** FL 49, if pressure is less than 760 mm (1013.3 hPa) and 733 mm (977.3 hPa) or above.
FL 59, if pressure is less than 733 mm (977.3 hPa) and 706 mm (941.3 hPa) or above.



Gnd speed-Kts	70	90	100	120	140	160	ALS	1320' (988') on 006°	186° RT	1980' (1648')
Descent angle 3.00°	372	478	531	637	743	849	...	↑	↑	↑
MAP at LMM										

STRAIGHT-IN LANDING RWY 01			
MDA(H) 710' (378')			
ALS out			
A	1900m		
B			
C			
D	2000m		

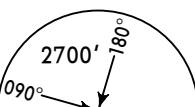
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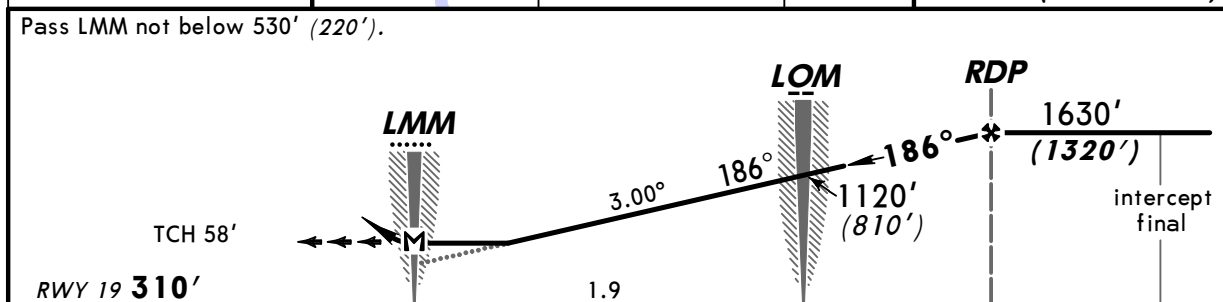
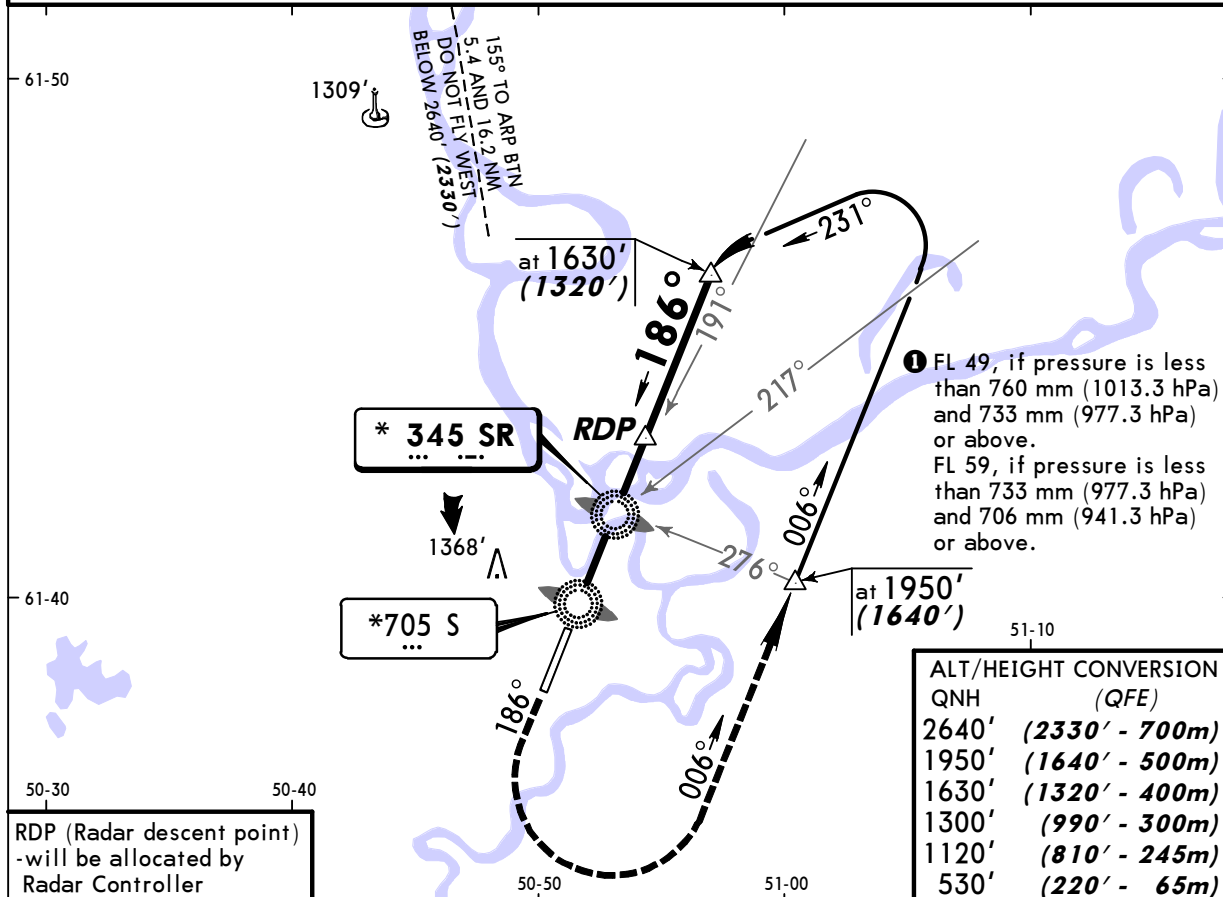
UYYY/SCW
SYKTYVKAR

JEPPESSEN
31 DEC 10 **(16-2)** Eff 13 Jan

SYKTYVKAR, RUSSIA
2 NDB Rwy 19

BRIEFING STRIP

ATIS 126.6		*SIVKAR Krug (TWR) 124.6		*SIVKAR Start (TWR) 124.6		
NDB SR *345	Final Apch Crs 186°	Minimum Alt RDP 1630' (1320')	MDA(H) 720' (410')	Apt Elev 339' RWY 310'		
MISSED APCH: Climb on 186° to 1300' (990'), then turn LEFT onto 006° climbing to 1950' (1640'), then according to chart, or as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39 1 Trans alt: 2640' (2330')		



PANS OPS

Gnd speed-Kts		70	90	100	120	140	160	ALS PAPI	1300' (990') on 186°	006° LT	1950' (1640')
Descent angle		3.00°	372	478	531	637	743				
MAP at LMM											