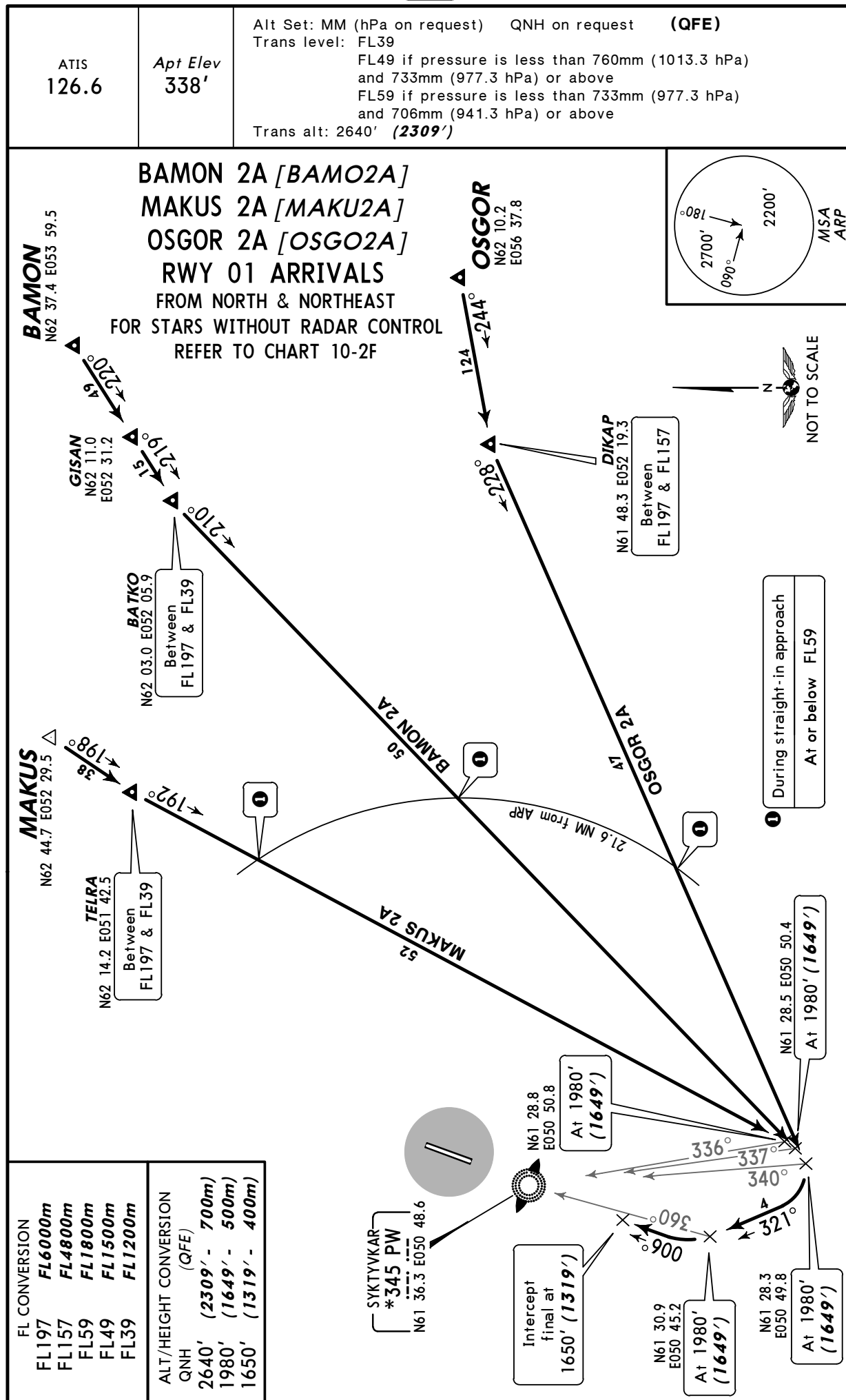


UYYY/SCW
 SYKTYVKAR

18 JUL 08 10-2

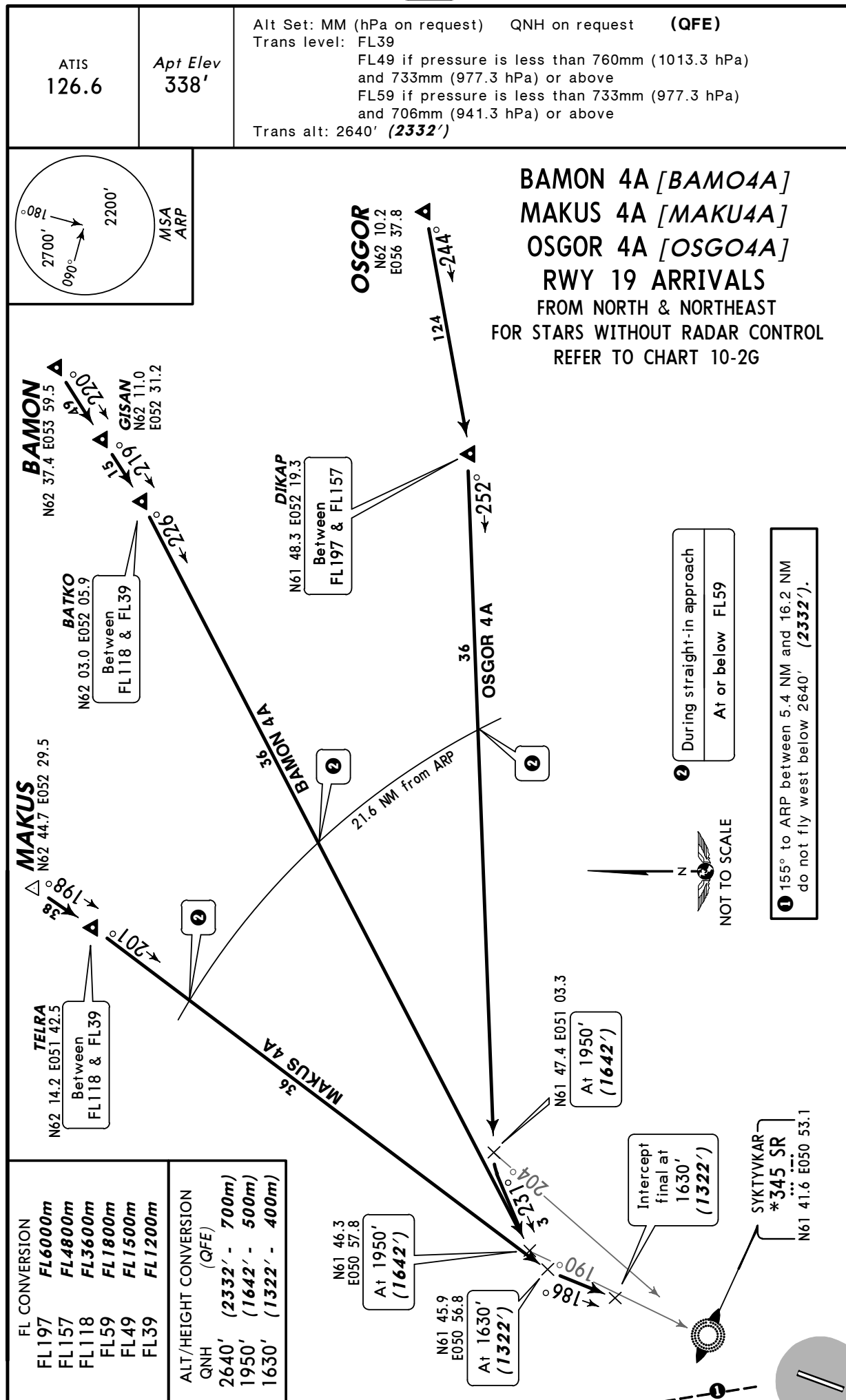
SYKTYVKAR, RUSSIA
 STAR



UYYY/SCW
SYKTYVKAR

18 JUL 08 **10-2A**

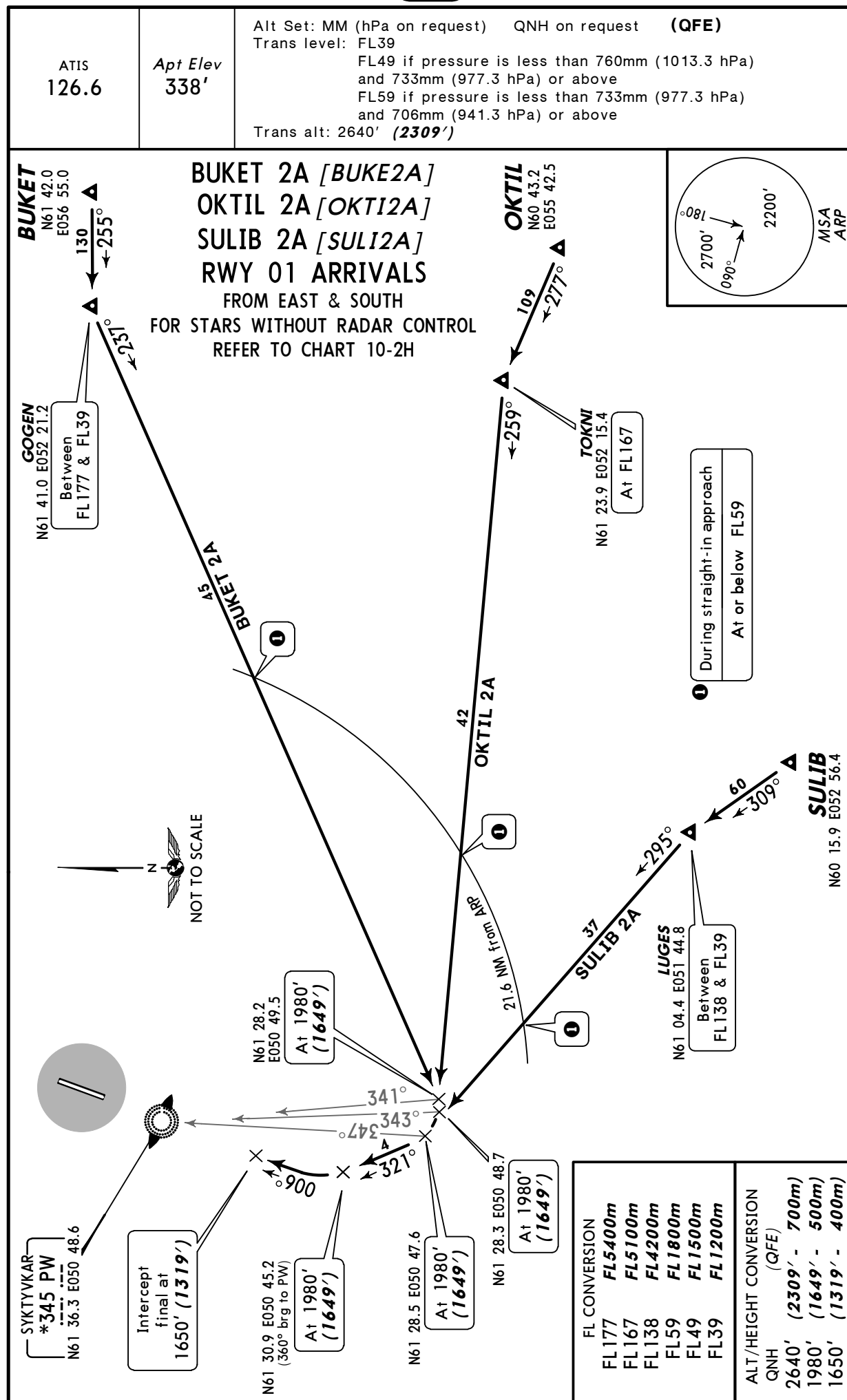
SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
 SYKTYVKAR

JEPPESEN
 18 JUL 08 (10-2B)

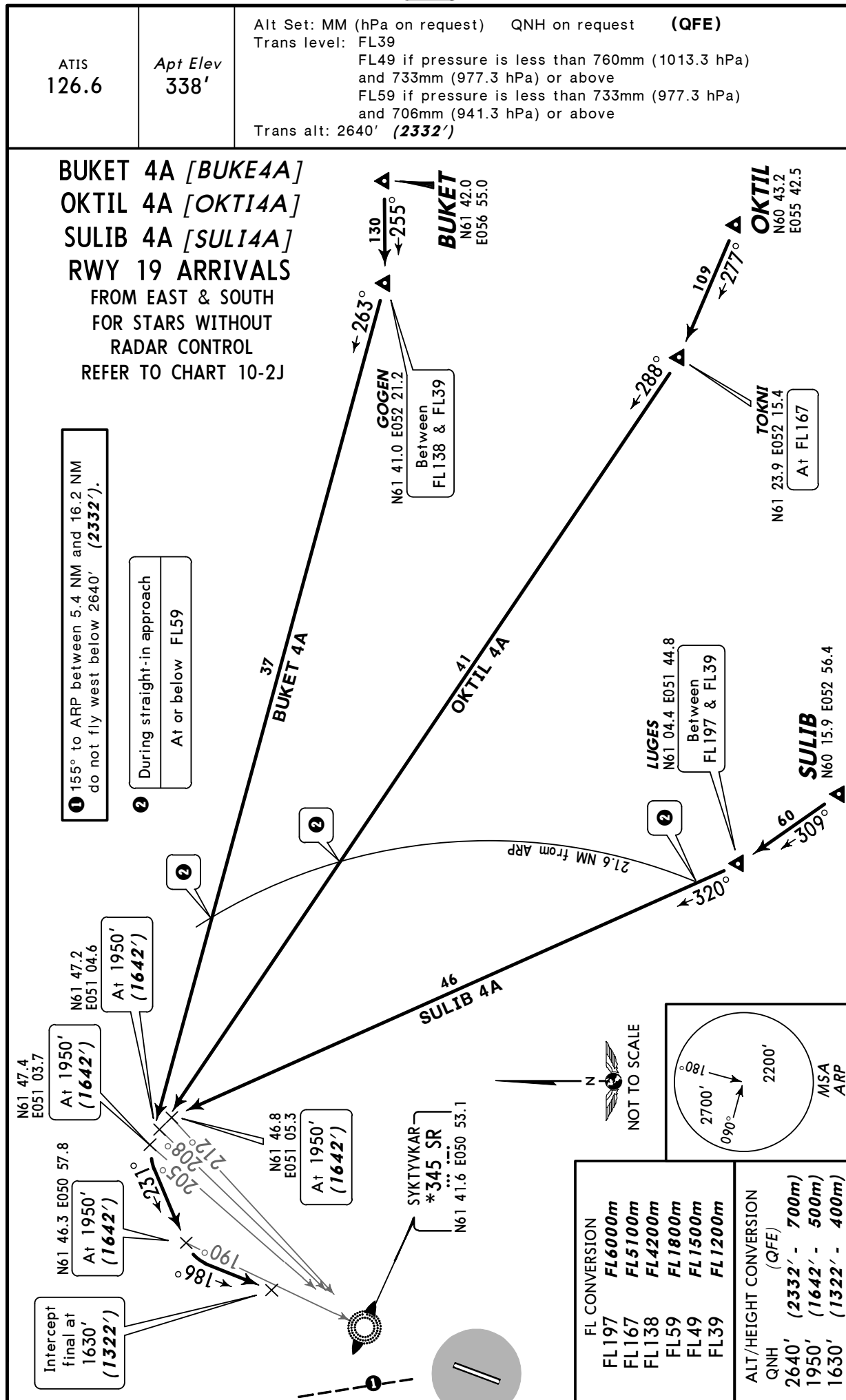
SYKTYVKAR, RUSSIA
 STAR



UYYY/SCW
 SYKTYVKAR

JEPPESSEN
 18 JUL 08 10-2C

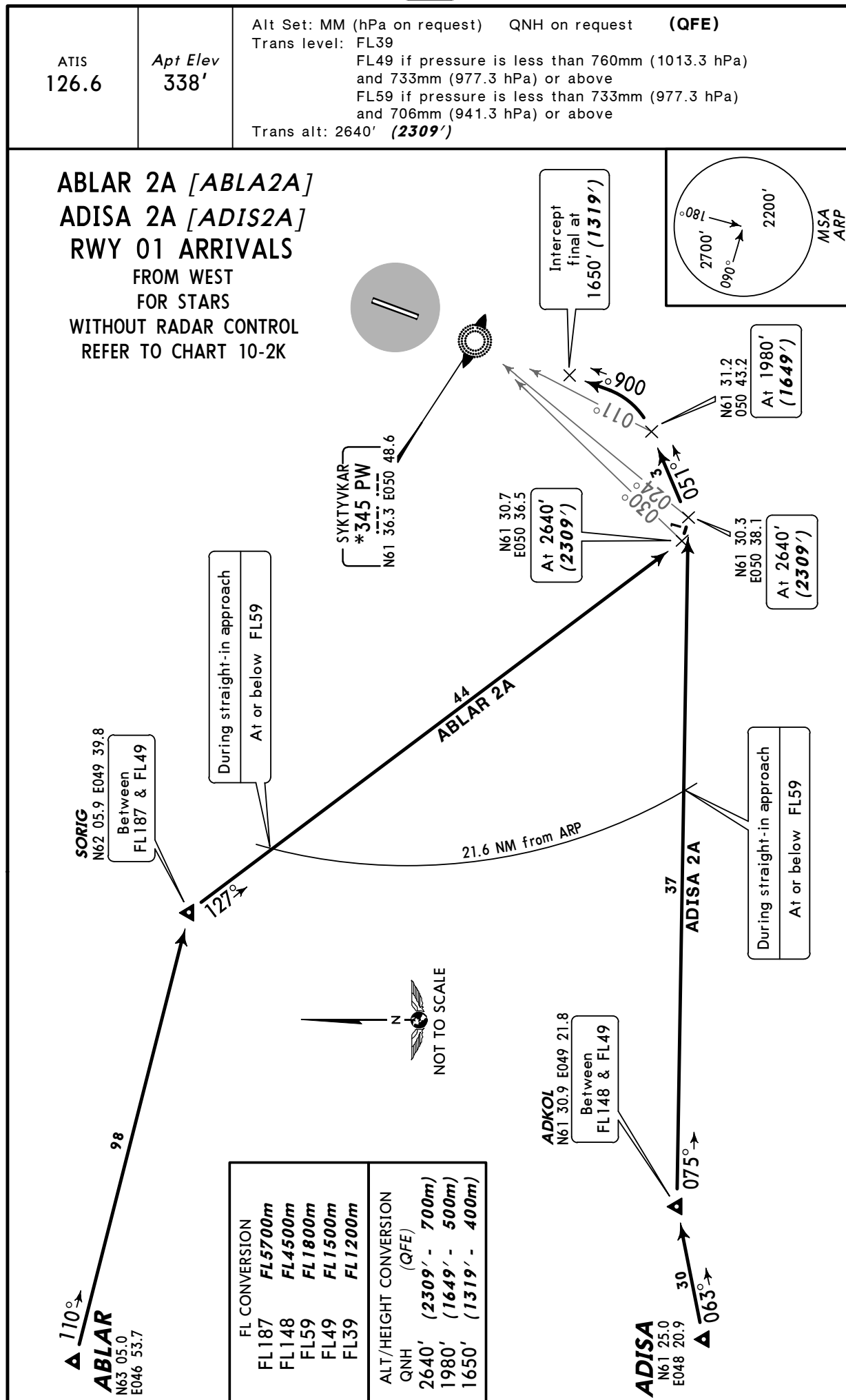
SYKTYVKAR, RUSSIA
 STAR



UYYY/SCW
 SYKTYVKAR

18 JUL 08 **10-2D**

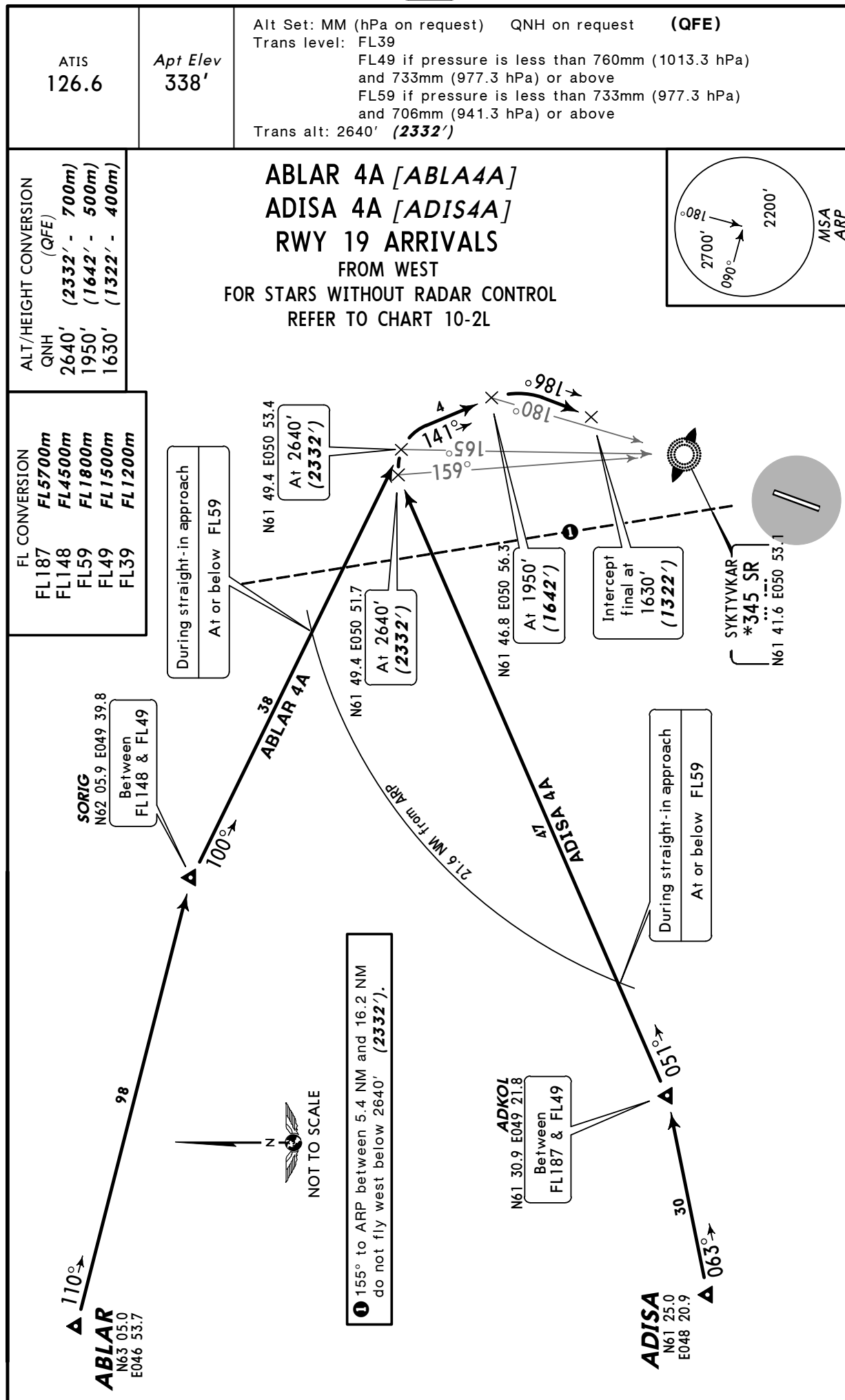
SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
SYKTYVKAR

18 JUL 08 **10-2E**

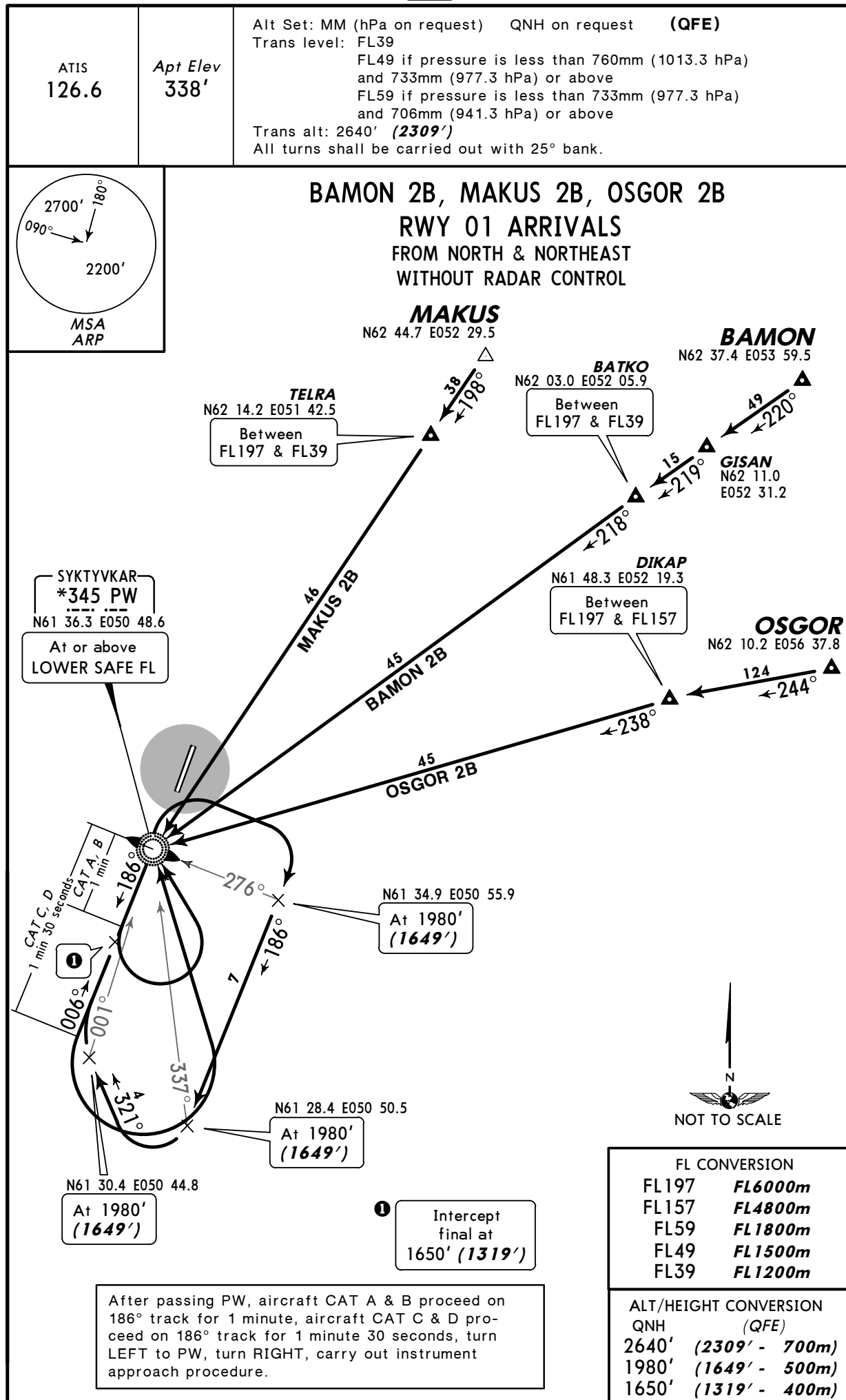
SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
SYKTYVKAR

JEPPESEN
18 JUL 08 **10-2F** Eff 31 Jul

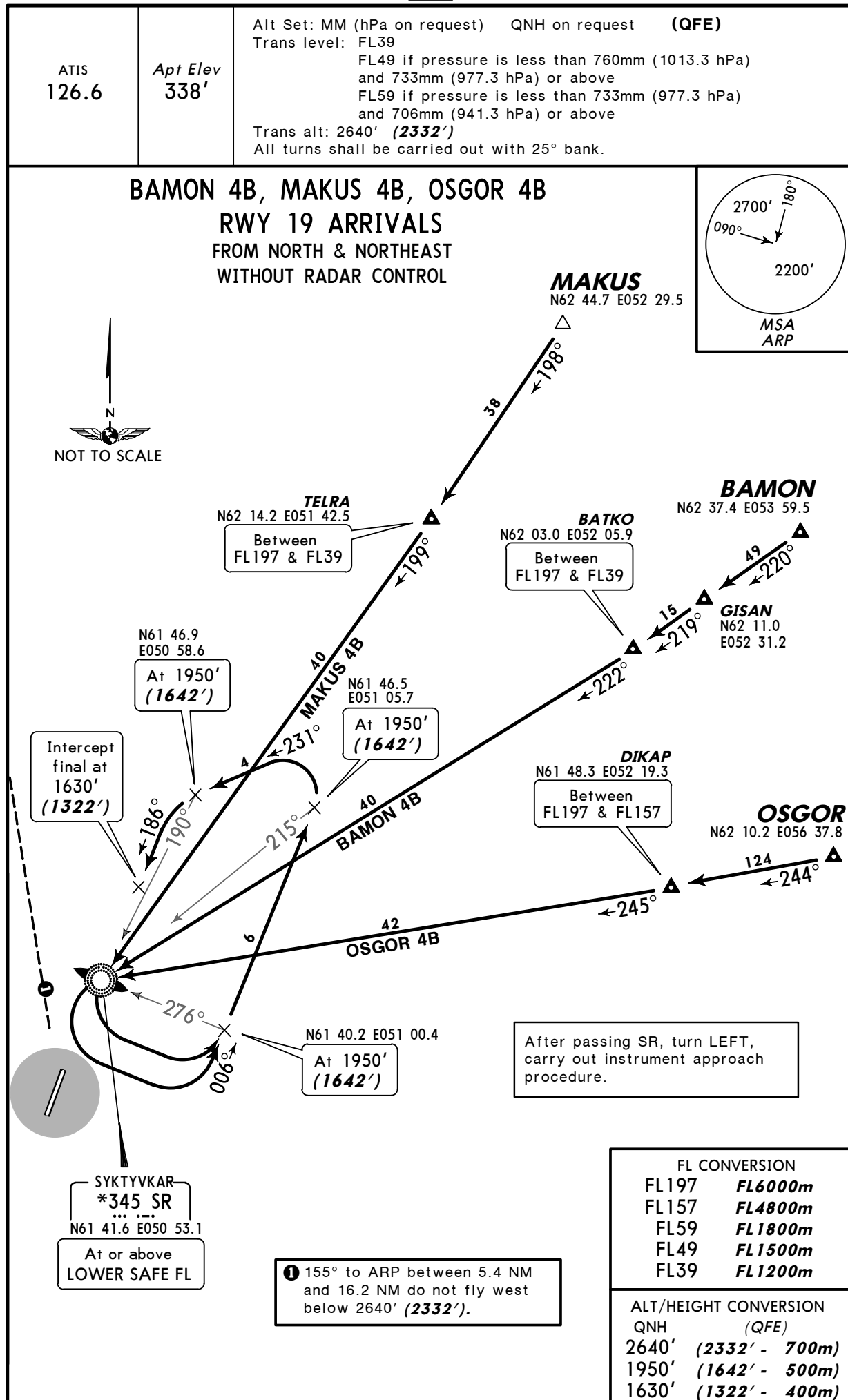
SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
SYKTYVKAR

JEPPESEN
18 JUL 08 (10-2G) Eff 31 Jul

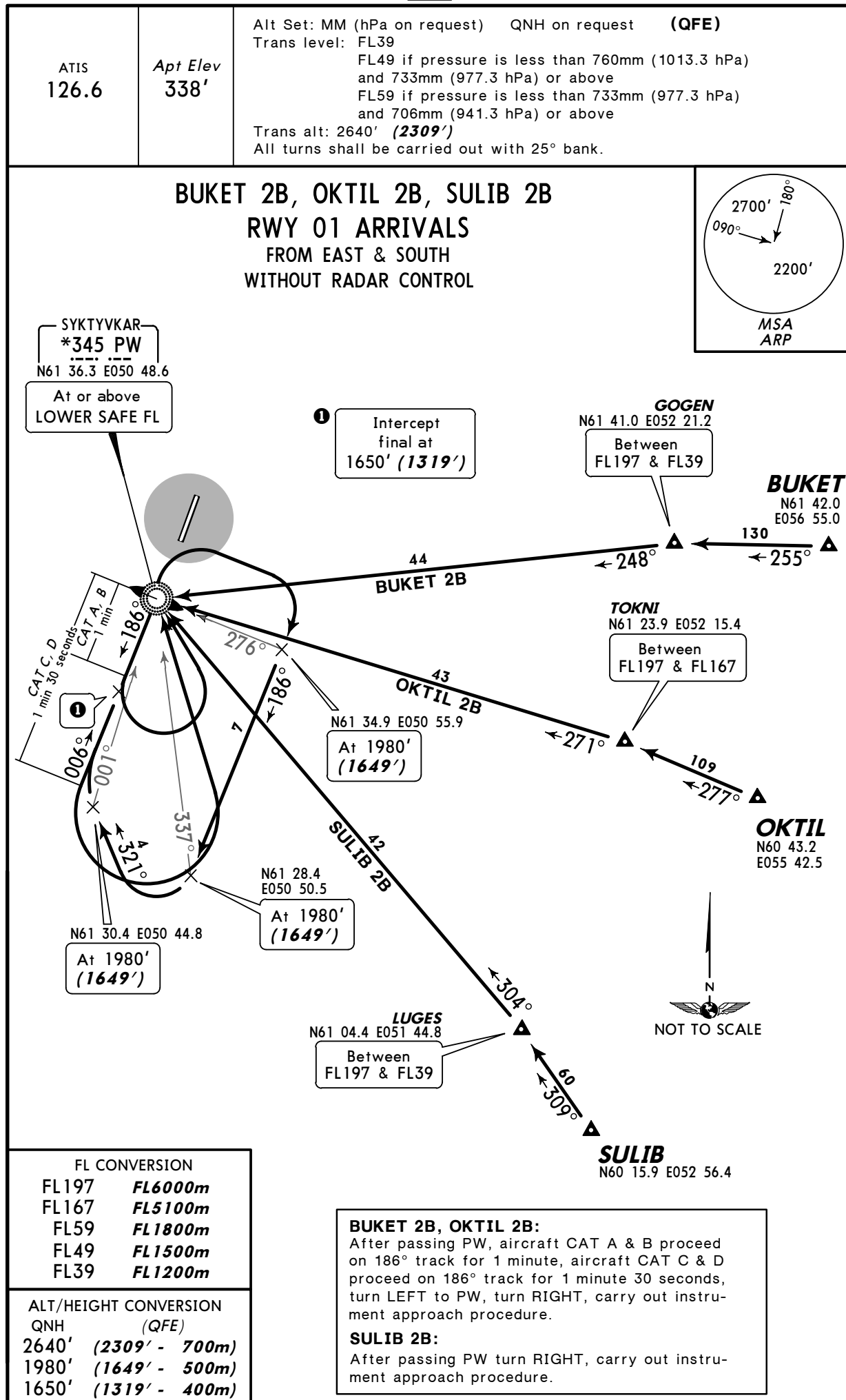
SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
SYKTYVKAR

JEPPESEN
18 JUL 08 (10-2H)

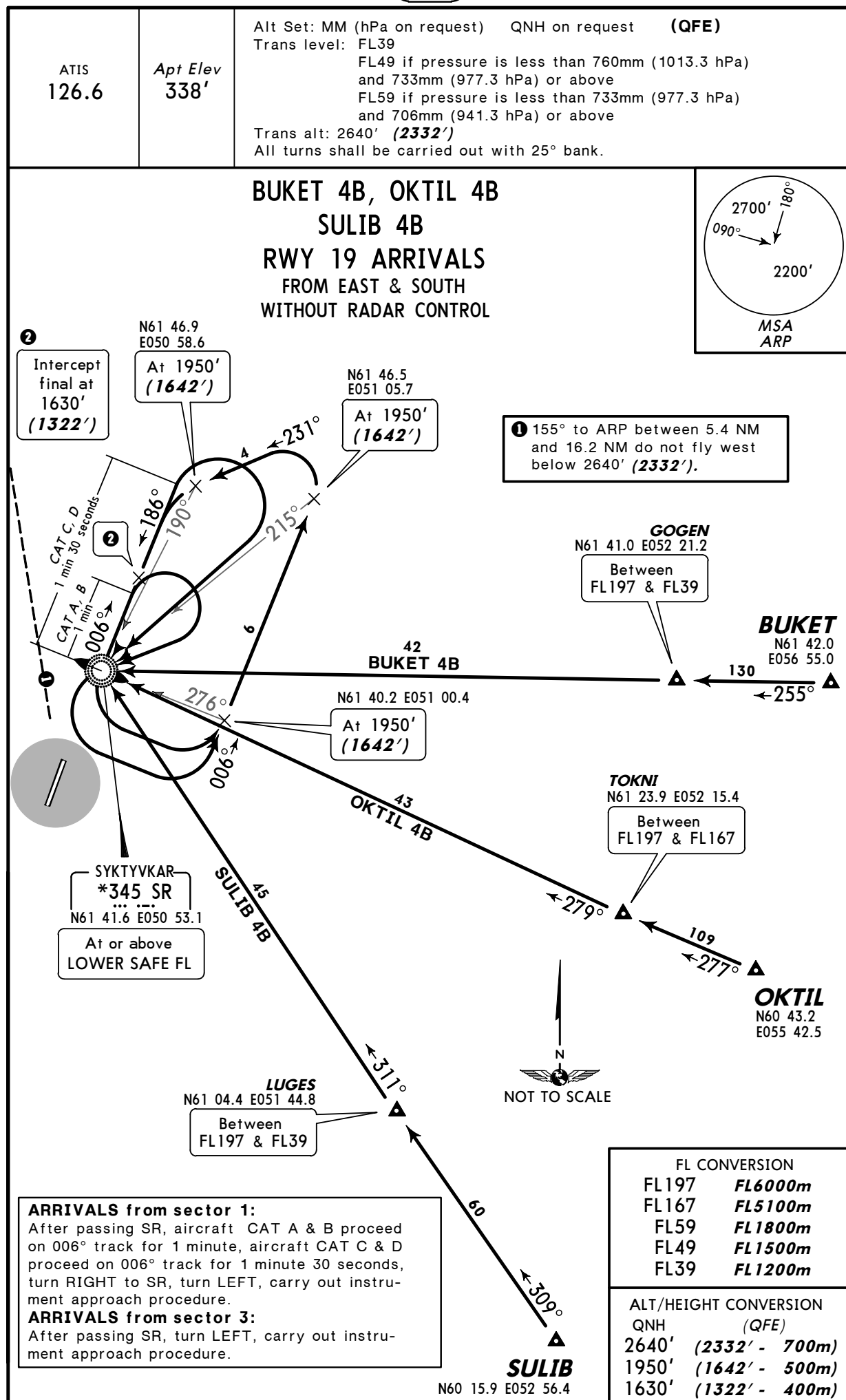
SYKTYVKAR, RUSSIA
STAR



UYYY/SCW
SYKTYVKAR

JEPPESEN
18 JUL 08 (10-2J)

SYKTYVKAR, RUSSIA
STAR



UUY/SCW
SYKTYVKAR

18 JUL 08

JEPPESEN

(10-2K)

SYKTYVKAR, RUSSIA

STAR

ATIS
126.6

Apt Elev
338'

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

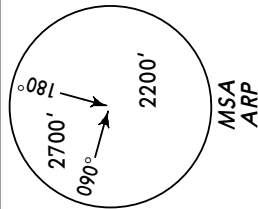
Trans level: FL39

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' (**2309'**)

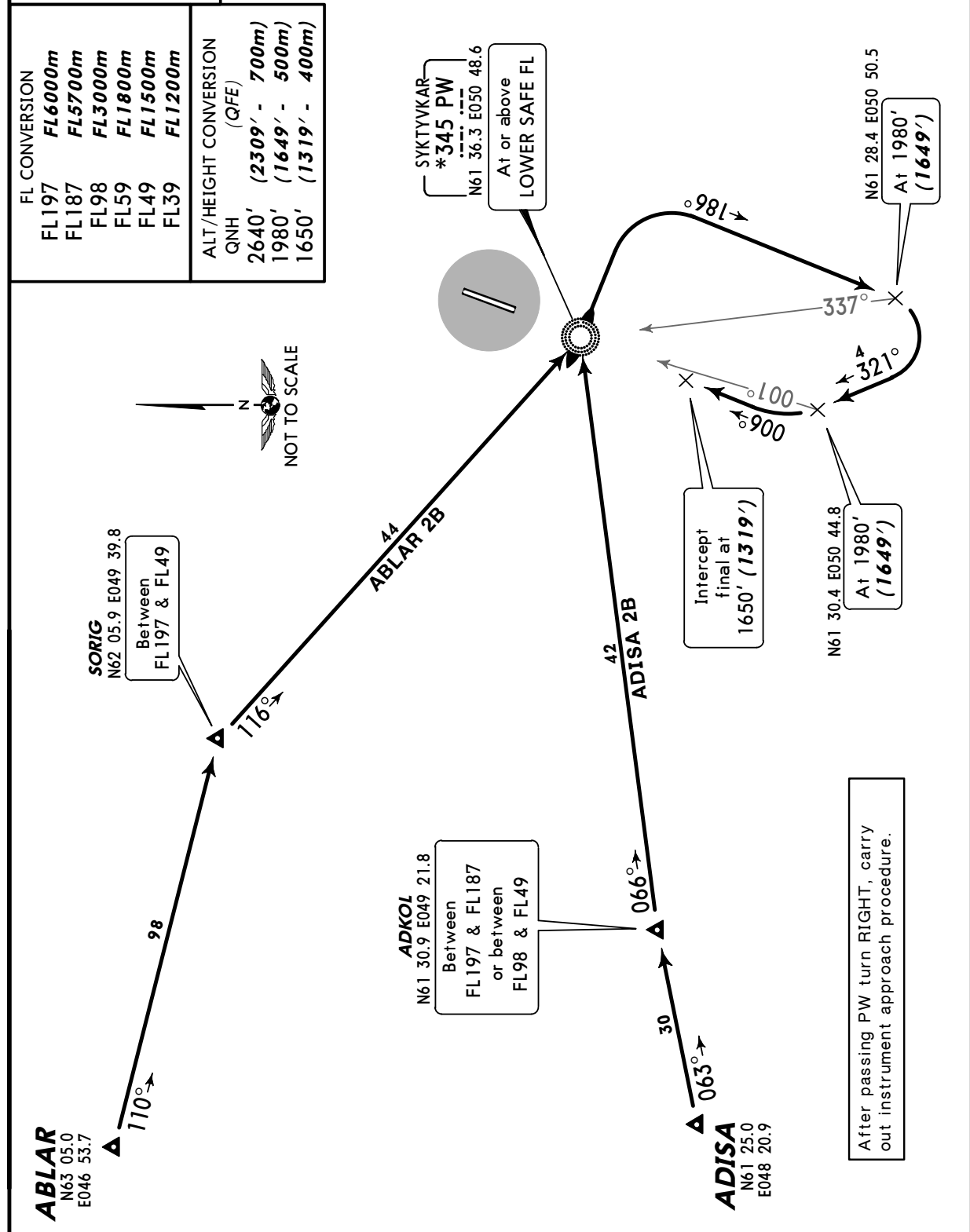
All turns shall be carried out with 25° bank.



MSA
ARP

**ABLAR 2B, ADISA 2B
RWY 01 ARRIVALS
FROM WEST
WITHOUT RADAR CONTROL**

FL CONVERSION	ALT/HEIGHT CONVERSION (QFE)
FL197 FL6000m	2640' (2309' - 700m)
FL187 FL5700m	1980' (1649' - 500m)
FL98 FL3000m	1650' (1319' - 400m)
FL59 FL1800m	
FL49 FL1500m	
FL39 FL1200m	



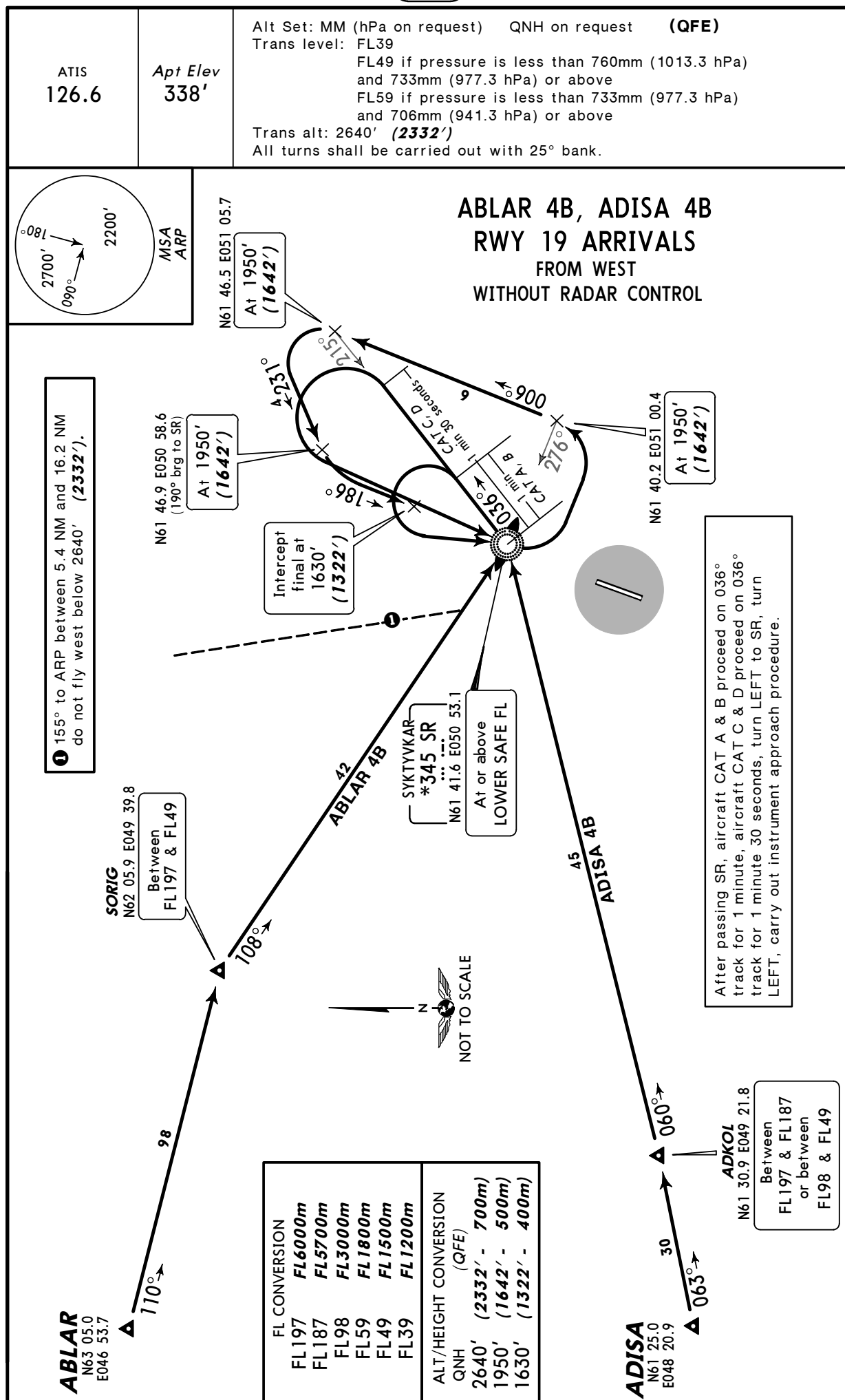
After passing PW turn RIGHT, carry out instrument approach procedure.

UYYY/SCW
 SYKTYVKAR

18 JUL 08

JEPPESSEN
 10-2L

SYKTYVKAR, RUSSIA
 STAR



UYYY/SCW
SYKTYVKAR

18 JUL 08

JEPPESEN

10-3

SYKTYVKAR, RUSSIA

SID

SIVKAR
Control
133.3

QNH on request (QFE)

Trans level: FL39

FL49 if pressure is less than 760mm (1013.3 hPa)
and 733mm (977.3 hPa) or above

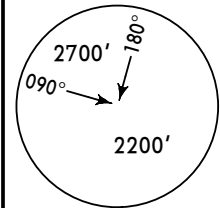
FL59 if pressure is less than 733mm (977.3 hPa)
and 706mm (941.3 hPa) or above

Trans alt: 2640' (2302')

1. Control of SIDs maintained by SIVKAR Control.

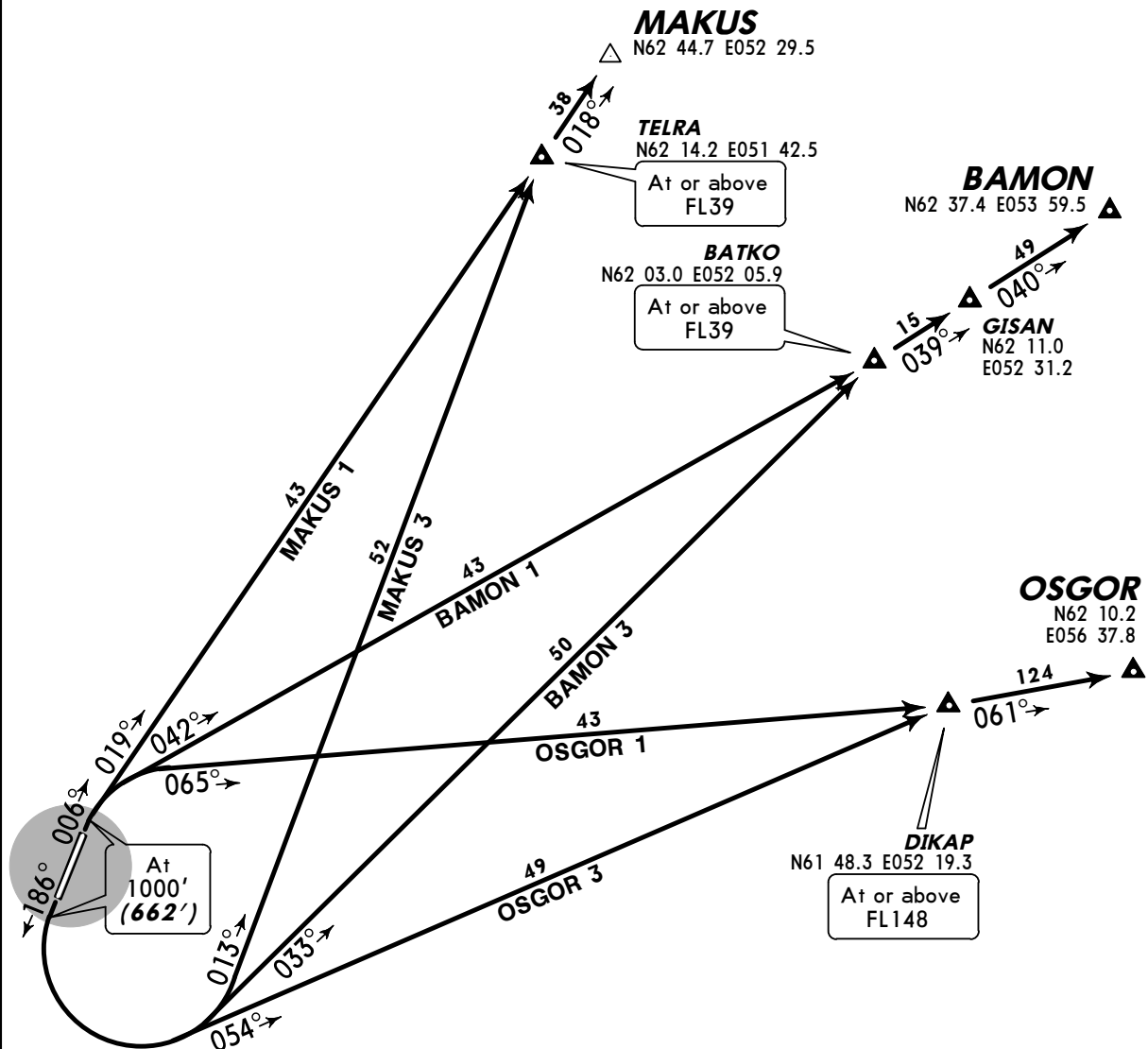
2. Take-off of CAT B, C, D aircraft should be carried out with
noise abatement procedure according to Flight Manual.

Apt Elev
338'



MSA
ARP

BAMON 1, BAMON 3
MAKUS 1, MAKUS 3
OSGOR 1, OSGOR 3
RWYS 01, 19 DEPARTURES
TO NORTH & NORTHEAST



ALT/HEIGHT CONVERSION
QNH (QFE)
1000' (662' - 200m)
2640' (2302' - 700m)

FL CONVERSION
FL39 FL1200m
FL49 FL1500m
FL59 FL1800m
FL148 FL4500m

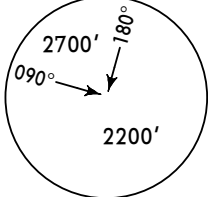
UYYY/SCW
SYKTYVKAR

18 JUL 08

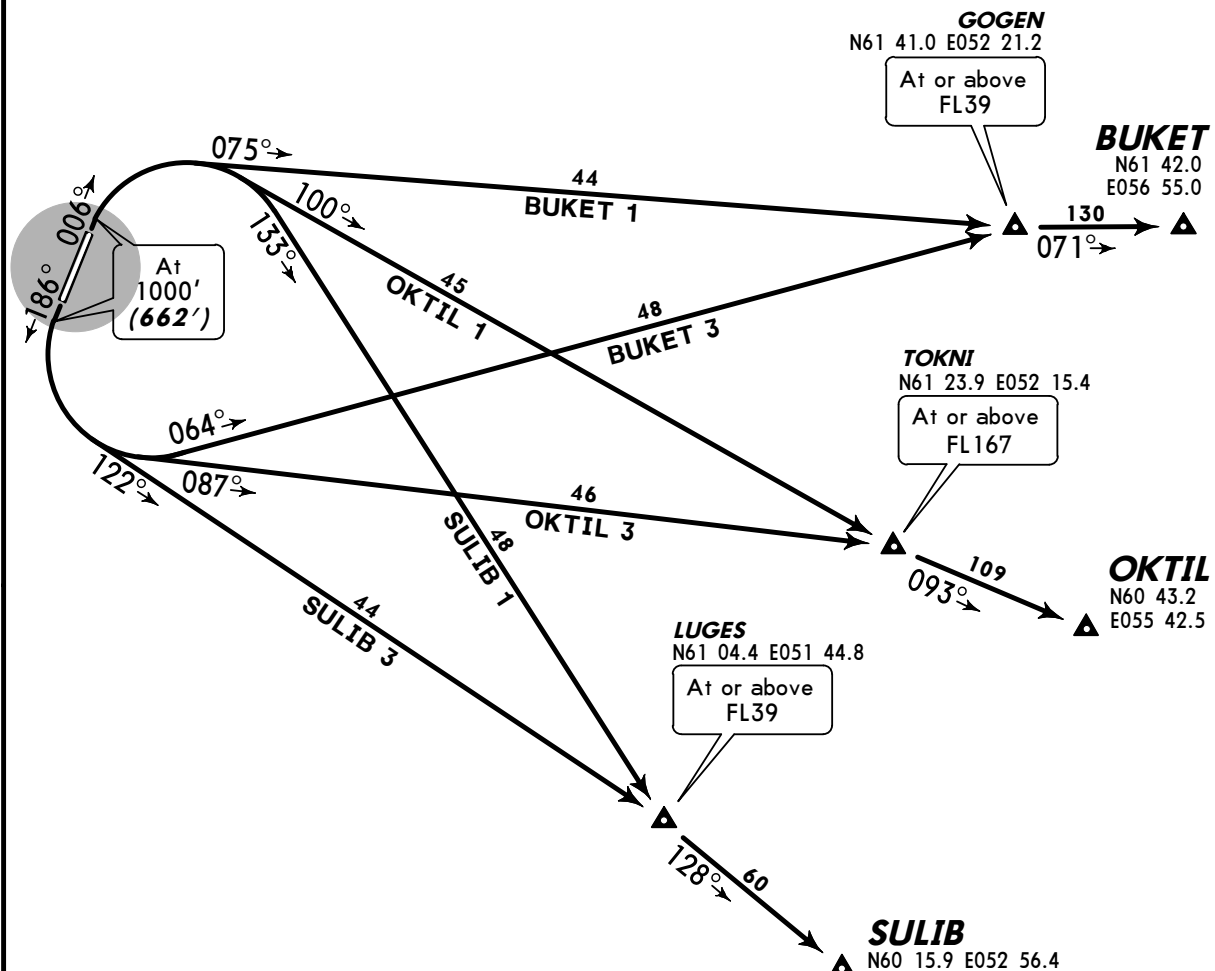
JEPPESEN
10-3A

SYKTYVKAR, RUSSIA

SID

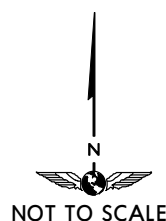
SIVKAR Control 133.3	QNH on request (QFE) Trans level: FL39 FL49 if pressure is less than 760mm (1013.3 hPa) and 733mm (977.3 hPa) or above FL59 if pressure is less than 733mm (977.3 hPa) and 706mm (941.3 hPa) or above	 MSA ARP
Apt Elev 338'	Trans alt: 2640' (2302') 1. Control of SIDs maintained by SIVKAR Control. 2. Take-off of CAT B, C, D aircraft should be carried out with noise abatement procedure according to Flight Manual.	

BUKET 1, BUKET 3
OKTIL 1, OKTIL 3
SULIB 1, SULIB 3
RWYS 01, 19 DEPARTURES
TO EAST & SOUTH



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(662' - 200m)
2640'	(2302' - 700m)

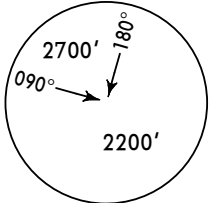
FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL59	FL1800m
FL167	FL5100m



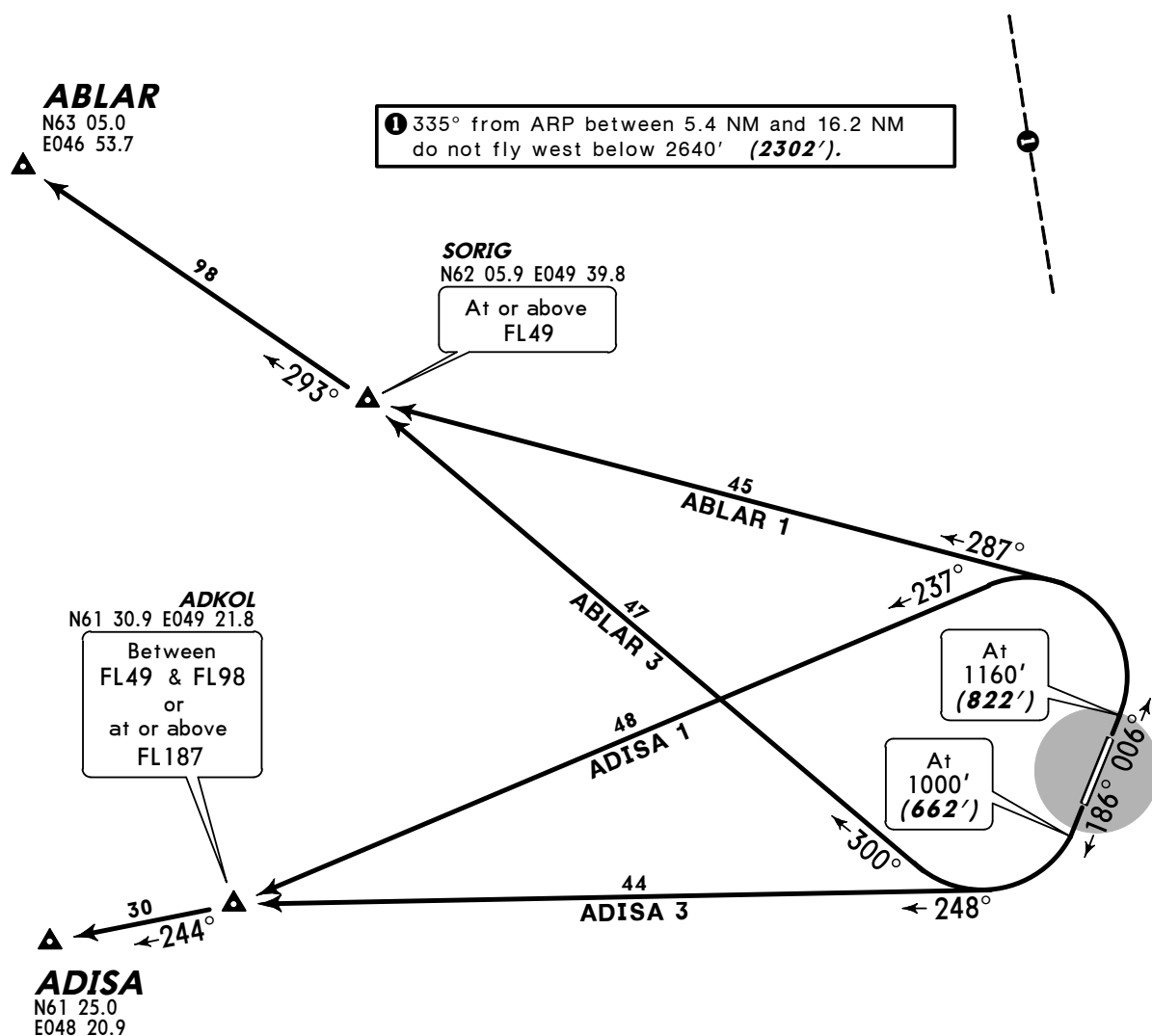
UUYV/SCW
SYKTYVKAR

JEPPESEN
20 JUN 08 **10-3B** Eff 3 Jul

SYKTYVKAR, RUSSIA
SID

SIVKAR Control 133.3	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 338'	Trans alt: 2640' (2302') 1. Control of SIDs maintained by SIVKAR Control. 2. Take-off of CAT B, C, D aircraft should be carried out with noise abatement procedure according to Flight Manual.	

**ABLAR 1, ABLAR 3
ADISA 1, ADISA 3
RWYS 01, 19 DEPARTURES
TO WEST**



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(662' - 200m)
1160'	(822' - 250m)
2640'	(2302' - 700m)

FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL59	FL1800m
FL98	FL3000m
FL187	FL5700m

UUYV/SCW

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

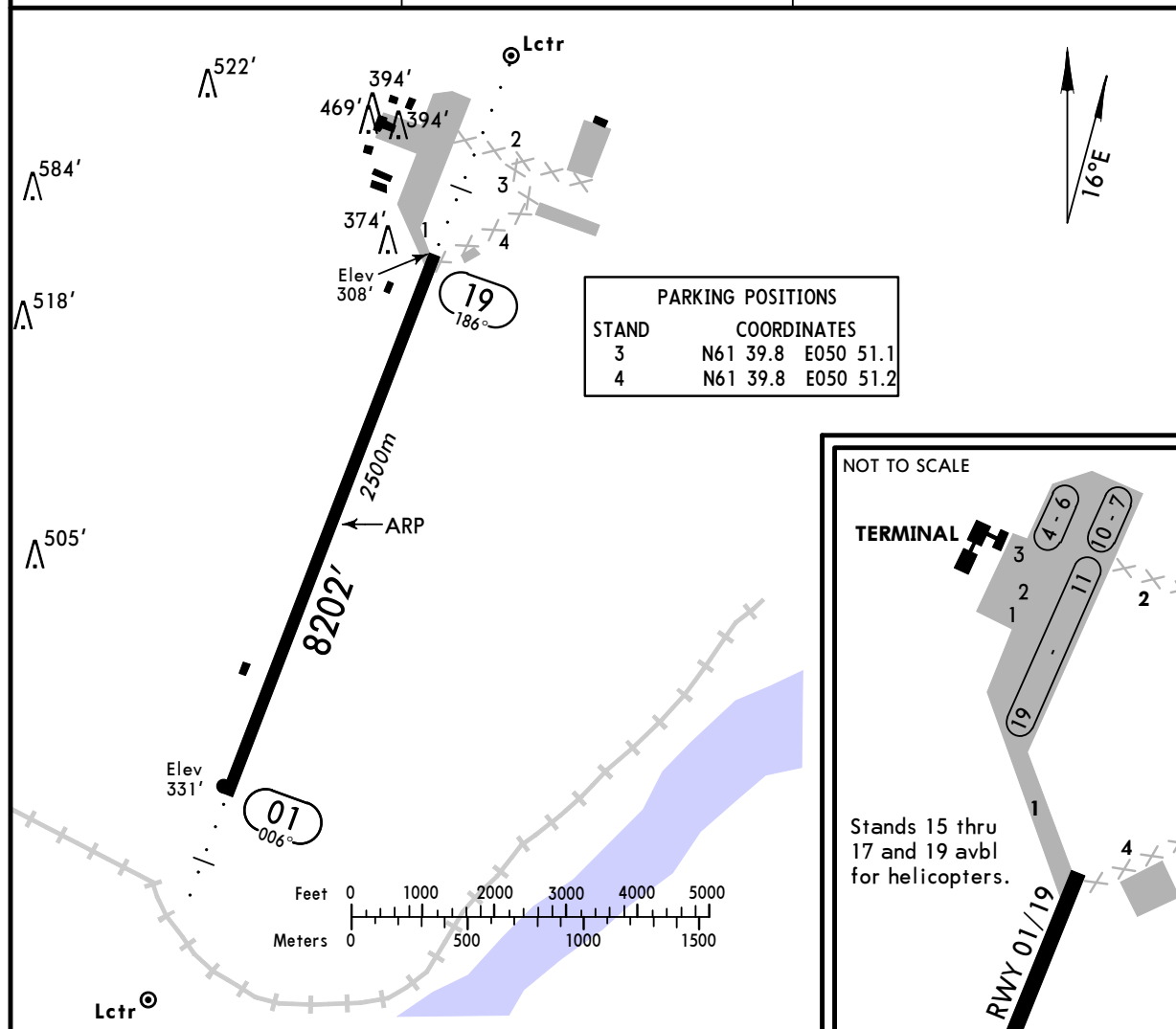
JEPPESEN

18 JUL 08 (10-9)

SYKTYVKAR, RUSSIA

SYKTYVKAR

ATIS	*SIVKAR Start (TWR)	*SIVKAR Krug (TWR)
126.6	118.1	124.6



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS	TAKE-OFF	WIDTH
		Threshold	Glide Slope	
01 19	HIRL (58m) ALS	RVR	7119' 2170m	164' 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

JEPPESSEN

20 JUN 08

10-9X

Eff 3 Jul

JAA MINIMUMS

SYKTYVKAR, RUSSIA

SYKTYVKAR

STRAIGHT-IN RWY		A	B	C	D
01	ILS	531' (200')	531' (200')	531' (200')	531' (200')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	710' (379')	710' (379')	710' (379')	710' (379')
	with FAF	R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	2 NDB	1120' (789')	1120' (789')	1120' (789')	1120' (789')
	w/o FAF	R1500m	R1500m	R2000m	R2000m
	PW LOM	790' (459')	790' (459')	790' (459')	790' (459')
19	with FAF	R1500m	R1500m	R1800m	R2000m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	PW LOM	1120' (789')	1120' (789')	1120' (789')	1120' (789')
	w/o FAF	R1500m	R1500m	R2000m	R2000m
	P LMM	870' (539')	870' (539')	870' (539')	870' (539')
	with FAF	R1500m	R1500m	R1800m	R2000m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	P LMM	1120' (789')	1120' (789')	1120' (789')	1120' (789')
	w/o FAF	R1500m	R1500m	R2000m	R2000m
	ILS	508' (200')	508' (200')	508' (200')	508' (200')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	720' (412')	720' (412')	720' (412')	720' (412')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	SR LOM	1070' (762')	1070' (762')	1070' (762')	1070' (762')
		R1500m	R1500m	R2000m	R2000m
	S LMM	840' (532')	840' (532')	840' (532')	840' (532')
	with FAF	R1500m	R1500m	R1800m	R2000m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	S LMM	1090' (782')	1090' (782')	1090' (782')	1090' (782')
	w/o FAF	R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 01, 19

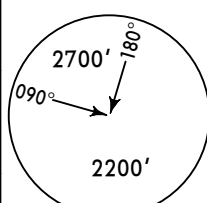
LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A		NIL (DAY only)
B	250m	
C		400m
D	300m	500m

UYYY/SCW
SYKTYVKAR

JEPPESEN
18 JUL 08 (11-1)

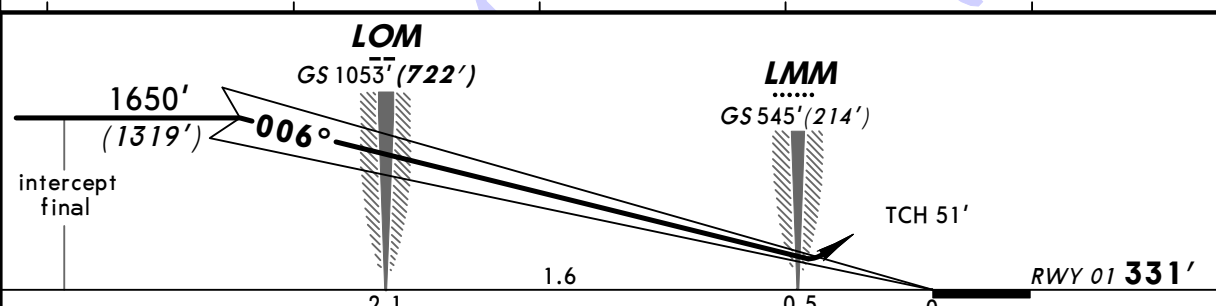
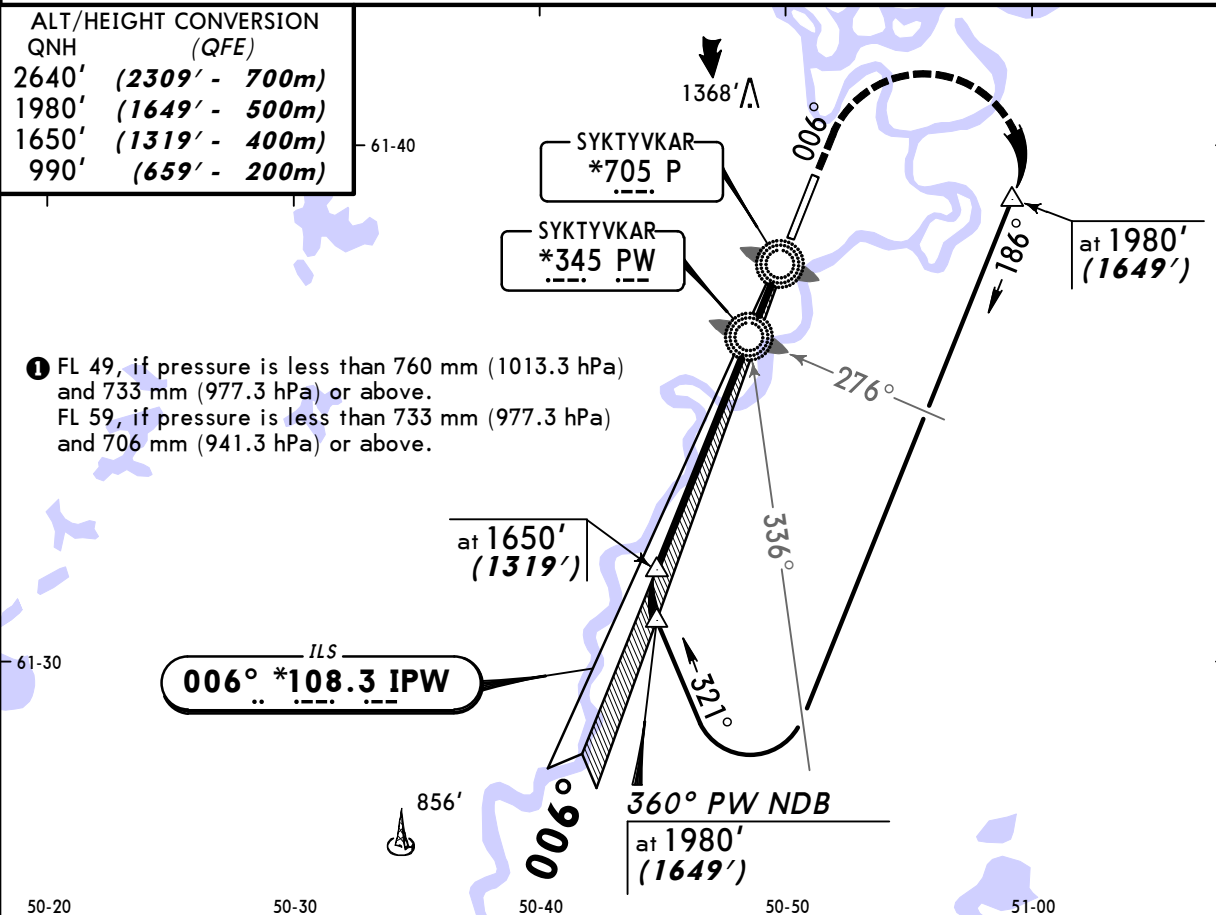
SYKTYVKAR, RUSSIA
ILS Rwy 01

BRIEFING STRIP

ATIS		*SIVKAR Krug (TWR)		*SIVKAR Start (TWR)		
126.6		124.6		118.1		
LOC IPW *108.3	Final Apch Crs 006°	GS LOM 1053' (722')	ILS DA(H) 531' (200')	Apt Elev 338'	RWY 331'	
MISSED APCH: Climb on 006° to 990' (659'), then turn RIGHT onto 186° climbing to 1980' (1649'), then according to chart, or as directed.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39 ❶		Trans alt: 2640' (2309')

ALT/HEIGHT CONVERSION QNH (QFE)	
2640'	(2309' - 700m)
1980'	(1649' - 500m)
1650'	(1319' - 400m)
990'	(659' - 200m)

- 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	990' (659') on 006°	186° RT	1980' (1649')
GS	3.00°	377	485	539	647	755	862			

STRAIGHT-IN LANDING RWY 01		LOC (GS out)	
ILS		LOC (GS out)	
DA(H) 531' (200')			
FULL	ALS out		
A			
B			
C			
D			

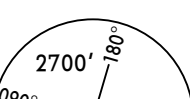
PANS OPS

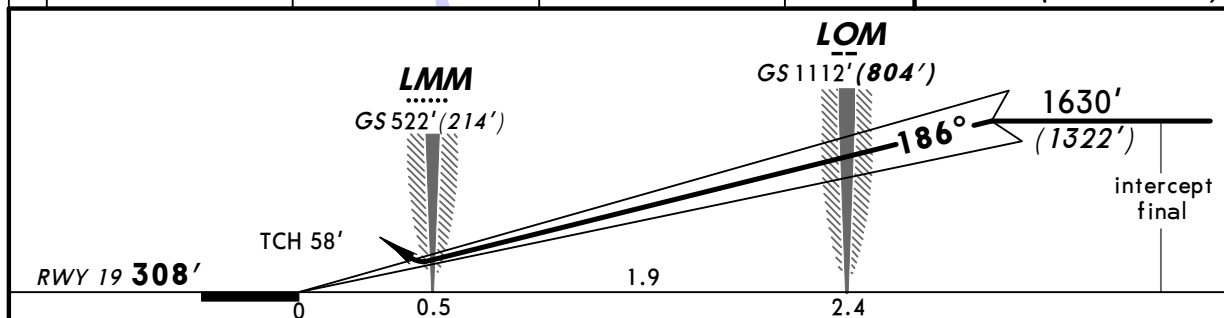
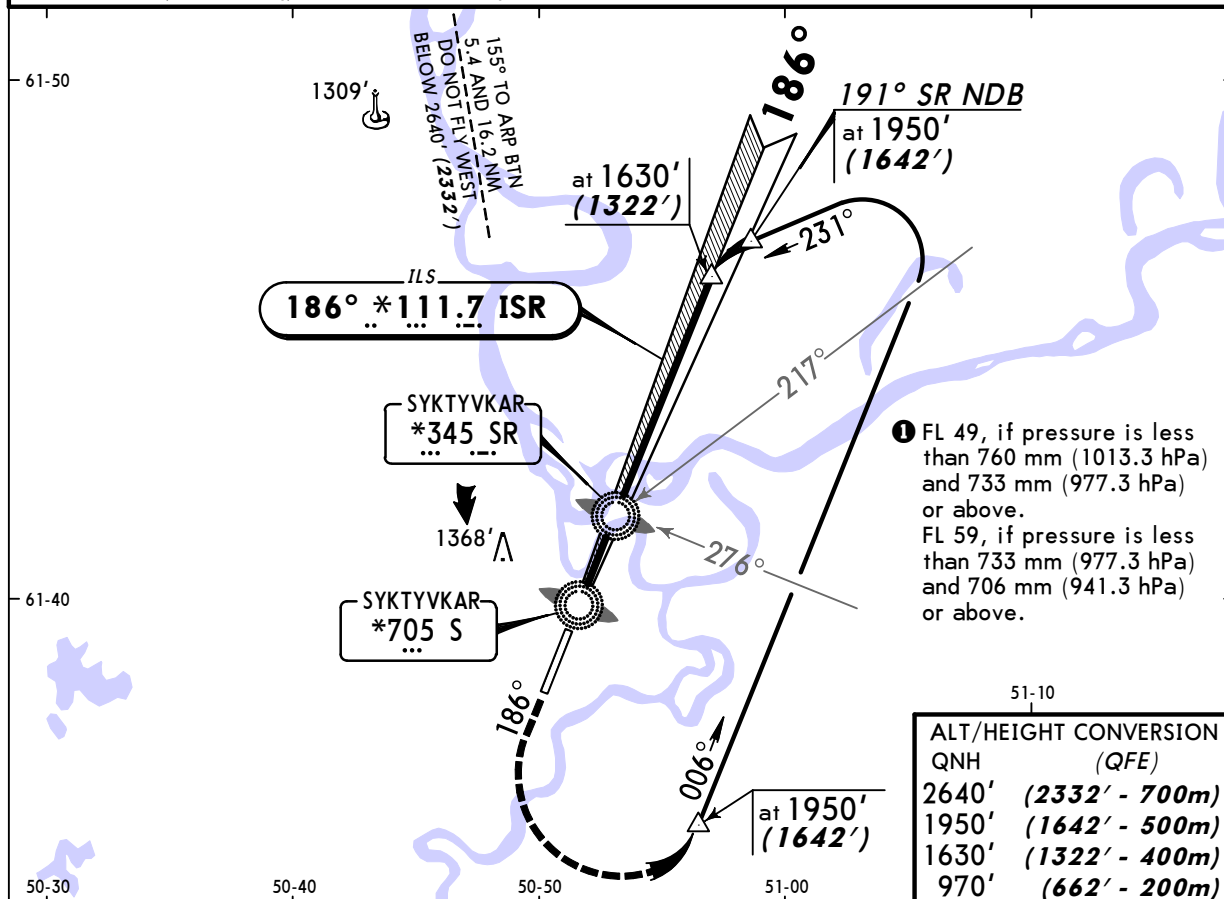
UYYY/SCW
SYKTYVKAR

JEPPESSEN
18 JUL 08 (11-2)

SYKTYVKAR, RUSSIA
ILS Rwy 19

BRIEFING STRIP

ATIS 126.6		*SIVKAR Krug (TWR) 124.6		*SIVKAR Start (TWR) 118.1		
LOC ISR *111.7	Final Apch Crs 186°	GS LOM 1112' (804')	ILS DA(H) 508' (200')	Apt Elev 338' RWY 308'		
MISSED APCH: Climb on 186° to 970' (662'), then turn LEFT onto 006° climbing to 1950' (1642'), 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' (2332')		



Gnd speed-Kts	70	90	100	120	140	160	ALS	970' (662') on 186°	006° LT	1950' (1642')
GS	3.00°	377	485	539	647	755	862			

STRAIGHT-IN LANDING RWY 19			
ILS <i>DA(H)</i> 508'(200')		LOC (GS out)	
FULL		ALS out	
A	1200m	NOT AUTHORIZED	
B			
C			
D			

PANS OPS

UUY/SCW
SYKTYVKAR

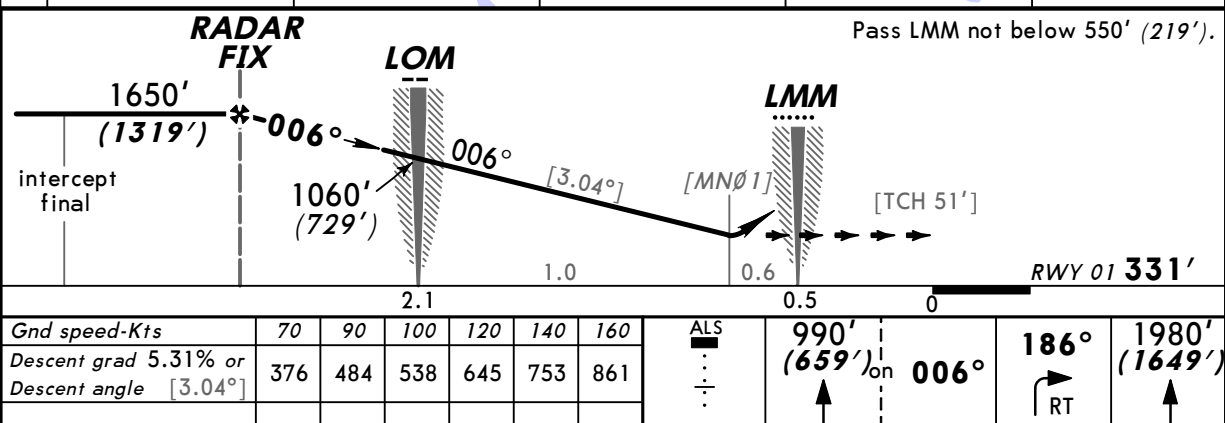
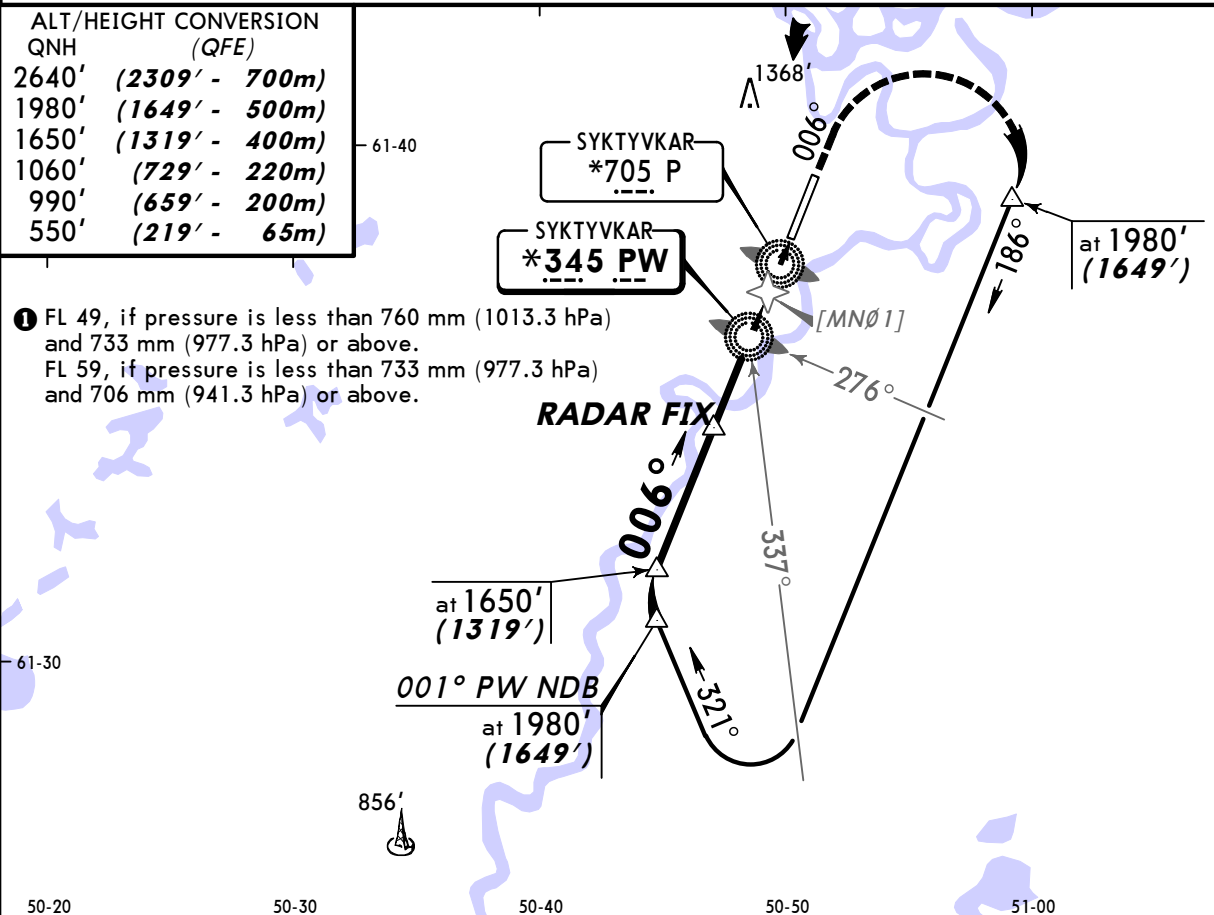
JEPPESEN
18 JUL 08 (16-1)

SYKTYVKAR, RUSSIA
2 NDB Rwy 01

ATIS		*SIVKAR Krug (TWR)		*SIVKAR Start (TWR)		2700' 180° 090° 2200' MSA ARP
126.6		124.6		118.1		
NDB PW *345	Final ApcH Crs 006°	Minimum Alt RADAR FIX 1650' (1319')	MDA(H) Refer to Minimums	Apt Elev 338' RWY 331'		
MISSED APCH: Climb on 006° to 990' (659'), then turn RIGHT onto 186° climbing to 1980' (1649'), 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' (2309')

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2640'	(2309' - 700m)
1980'	(1649' - 500m)
1650'	(1319' - 400m)
1060'	(729' - 220m)
990'	(659' - 200m)
550'	(219' - 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.



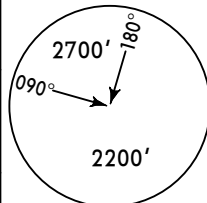
STRAIGHT-IN LANDING RWY 01												
2 NDB				PW LOM				P LMM				
With FAF MDA(H) 710'(379')		W/o FAF MDA(H) 1120'(789')		With FAF MDA(H) 790'(459')		W/o FAF MDA(H) 1120'(789')		With FAF MDA(H) 870'(539')		W/o FAF MDA(H) 1120'(789')		
ALS out		ALS out		ALS out		ALS out		ALS out		ALS out		
A	1900m		3200m		2300m		3200m		2800m		3200m	
B												
C												
D	2000m		4000m		2400m		4000m				4000m	

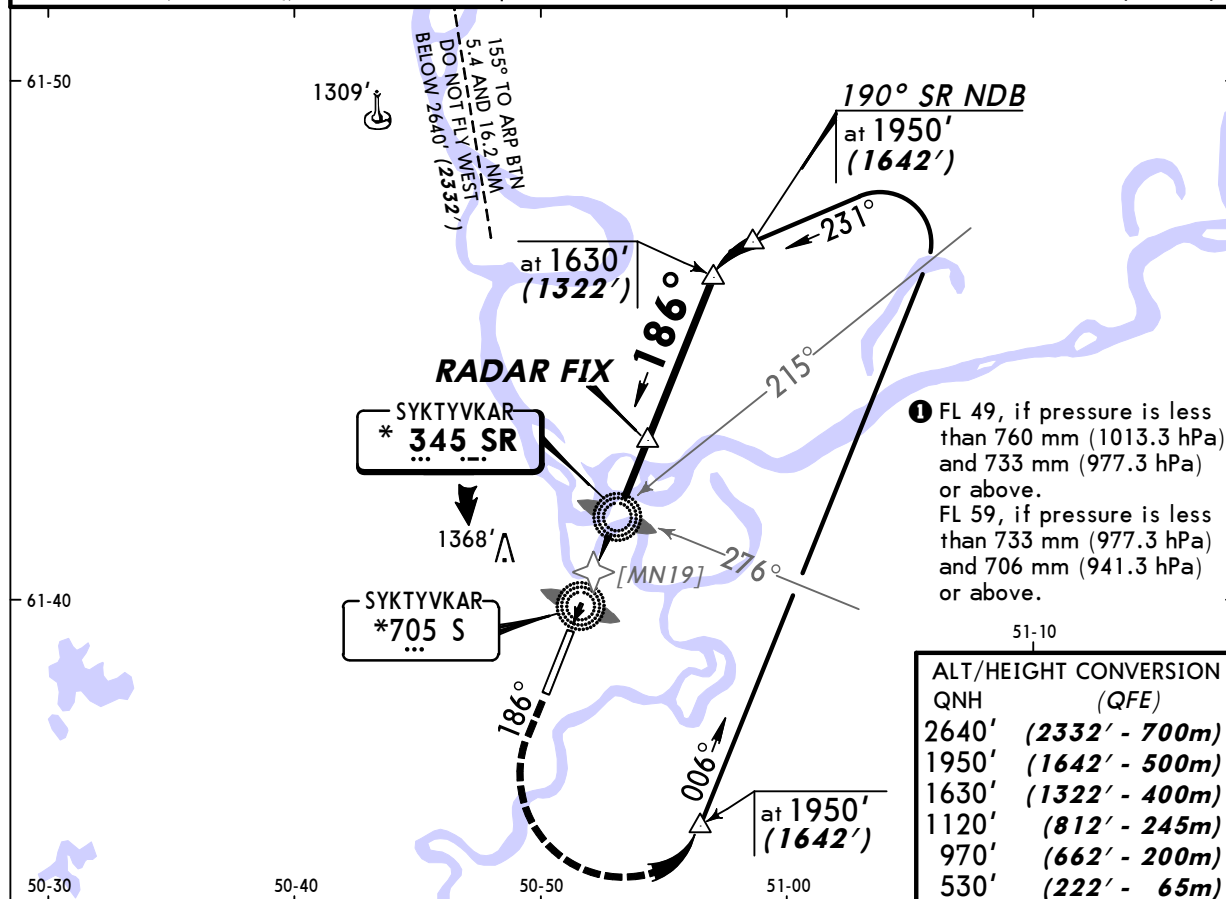
UYYY/SCW
SYKTYVKAR

JEPPESSEN
18 JUL 08 (16-2)

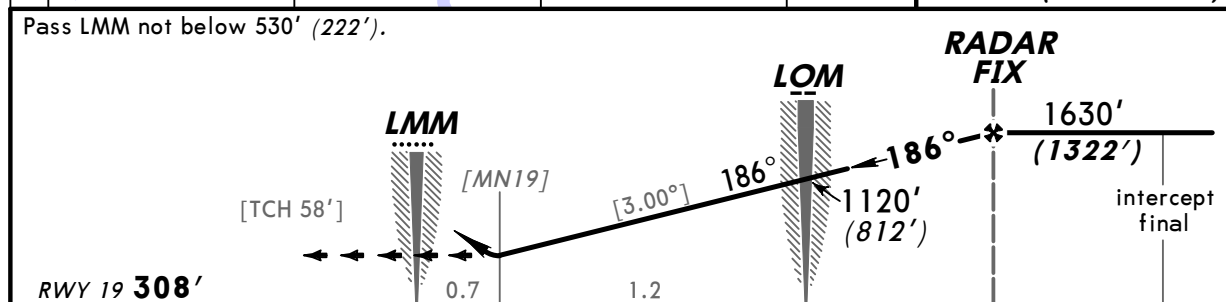
SYKTYVKAR, RUSSIA
2 NDB Rwy 19

BRIEFING STRIP

ATIS 126.6		*SIVKAR Krug (TWR) 124.6		*SIVKAR Start (TWR) 118.1		
NDB SR *345	Final Apch Crs 186°	Minimum Alt RADAR FIX 1630' (1322')	MDA(H) Refer to Minimums	Apt Elev 338'	RWY 308'	
MISSED APCH: Climb on 186° to 970' (662'), then turn LEFT onto 006° climbing to 1950' (1642'), 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' (2332')						



Pass LMM not below 530' (222').



Gnd speed-Kts	70	90	100	120	140	160	ALS	970' (662') on 186°	006° LT	1950' (1642')
Descent grad 5.24% or Descent angle [3.00°]	372	478	531	637	743	849				

STRAIGHT-IN LANDING RWY 19			
2 NDB	SR LOM	With FAF	S LMM
MDA(H) 720' (412')	MDA(H) 1070' (762')	MDA(H) 840' (532')	W/o FAF MDA(H) 1090' (782')
ALS out	ALS out	ALS out	ALS out
A			
B	3200m		3200m
C	2100m	2800m	3600m
D	4000m		4000m

PANS OPS