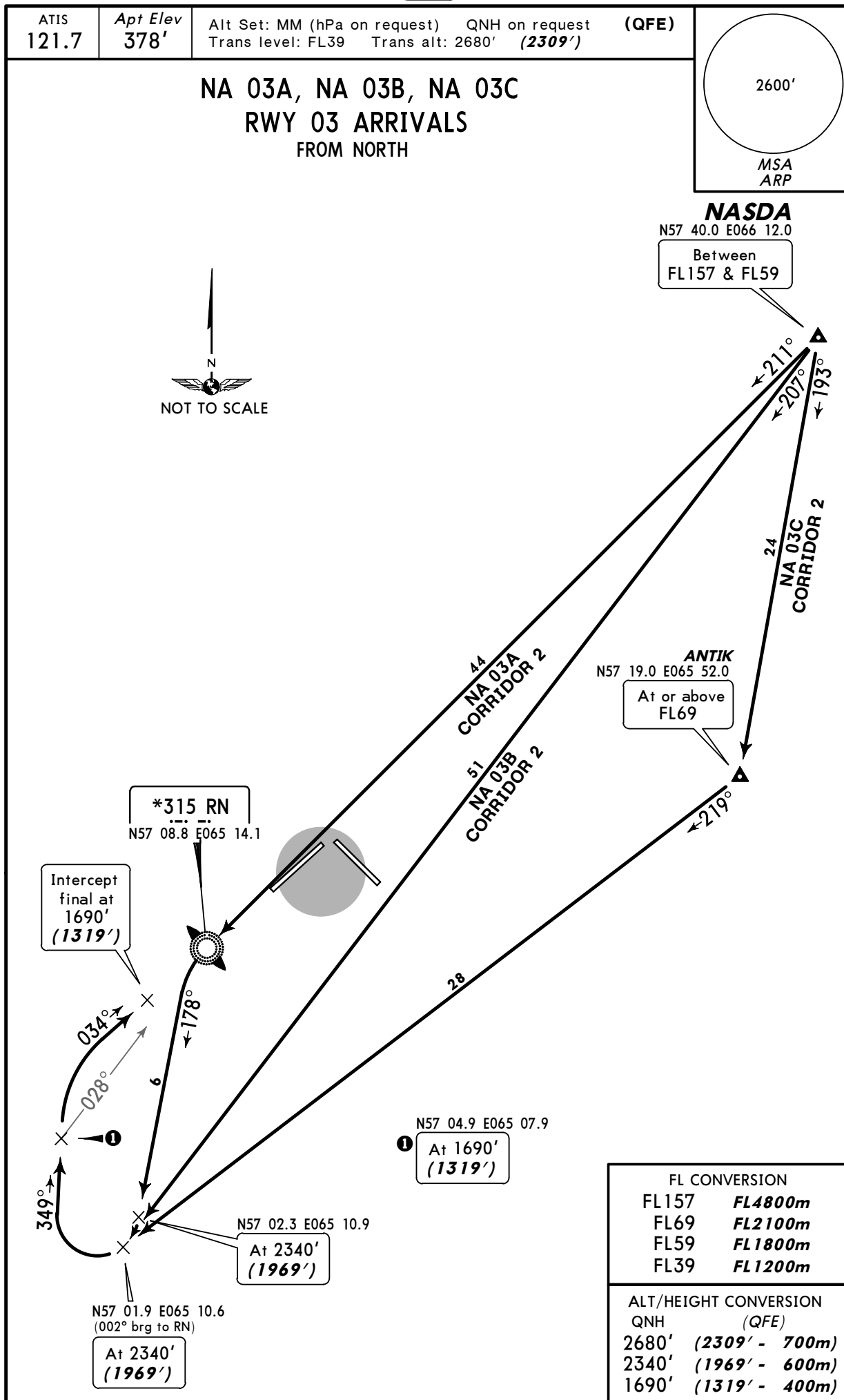


USTR/TJM
ROSHCHINO

JEPPESEN
5 DEC 08 10-2

TYUMEN, RUSSIA
STAR



USTR/TJM
 ROSHCHINO

JEPPESEN
 5 DEC 08 (10-2A)

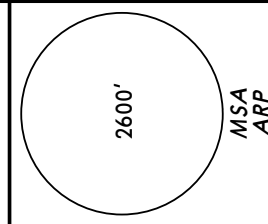
TYUMEN, RUSSIA
 STAR

ATIS
 121.7

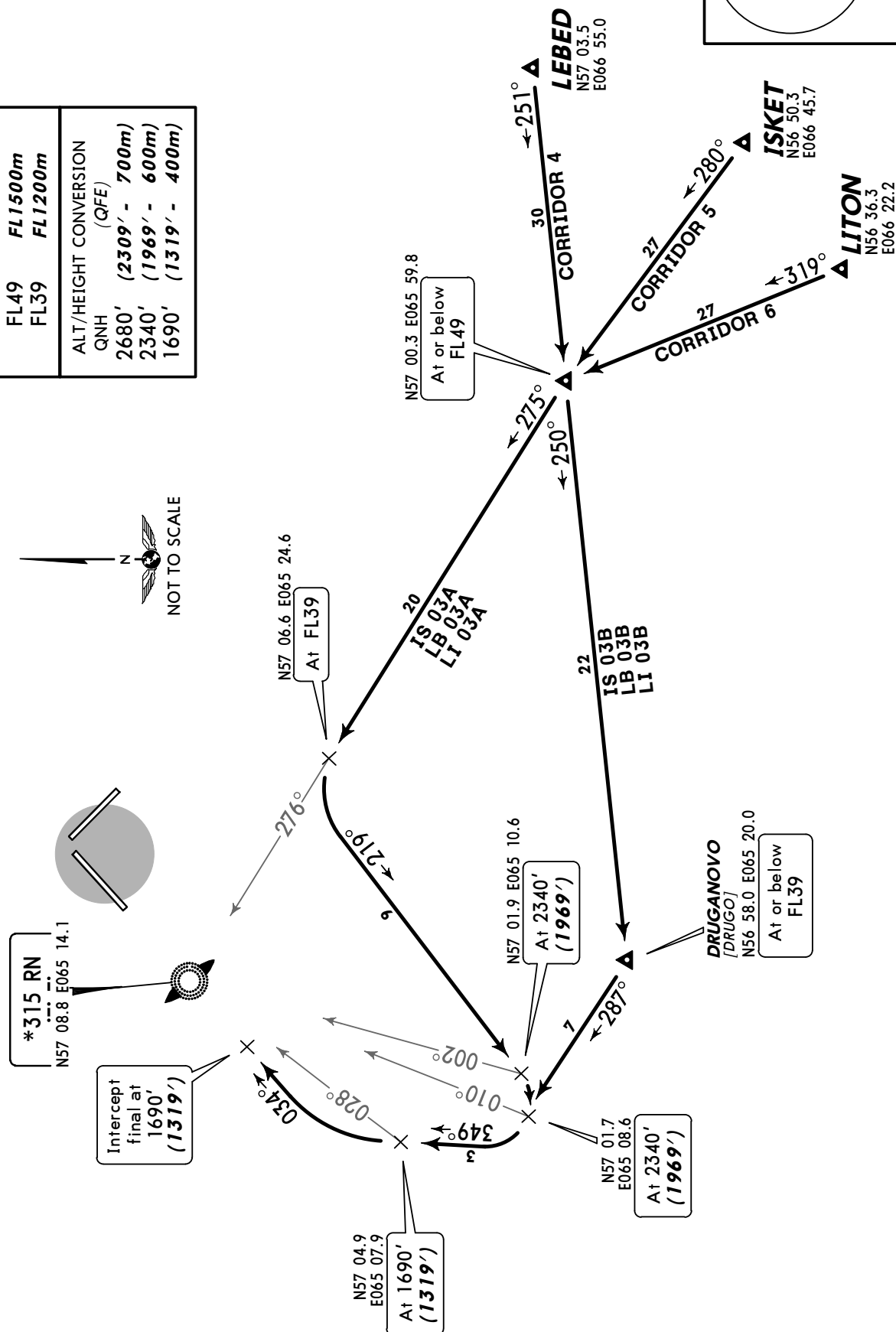
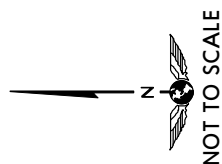
Apt Elev
 378'

Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL39 Trans alt: 2680' (2309')

IS 03A, IS 03B, LB 03A, LB 03B, LI 03A, LI 03B
 RWY 03 ARRIVALS
 FROM EAST



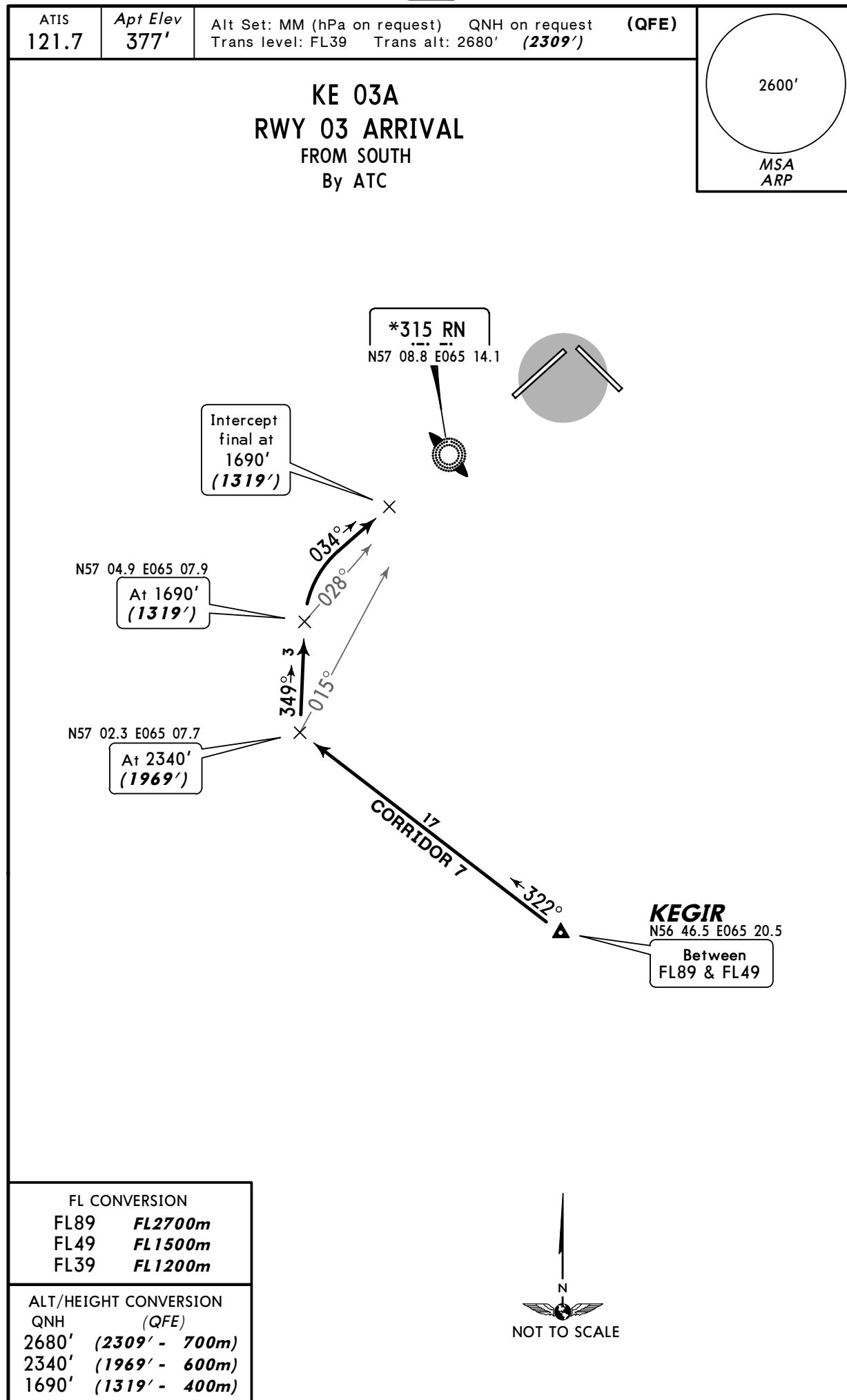
FL CONVERSION		
FL49	FL1500m	
FL39	FL1200m	
ALT/HEIGHT CONVERSION (QFE)		
QNH	2680'	(2309' - 700m)
	2340'	(1969' - 600m)
	1690'	(1319' - 400m)



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JEPPESEN
 30 JAN 09 **10-2B** Eff 12 Feb

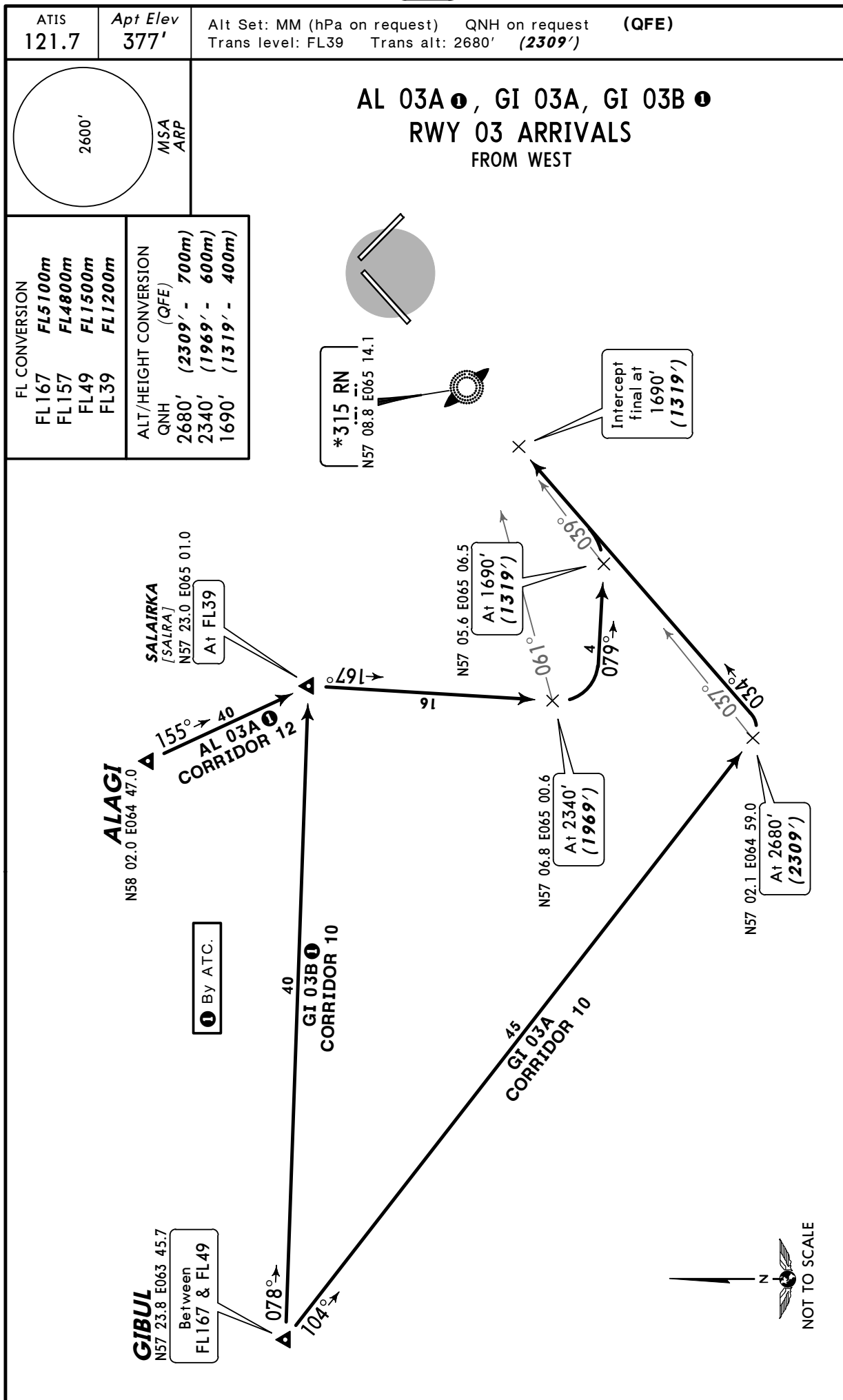
TYUMEN, RUSSIA
STAR



USTR/TJM
ROSHCHINO

JEPPESEN
30 JAN 09 **10-2C** **Eff 12 Feb**

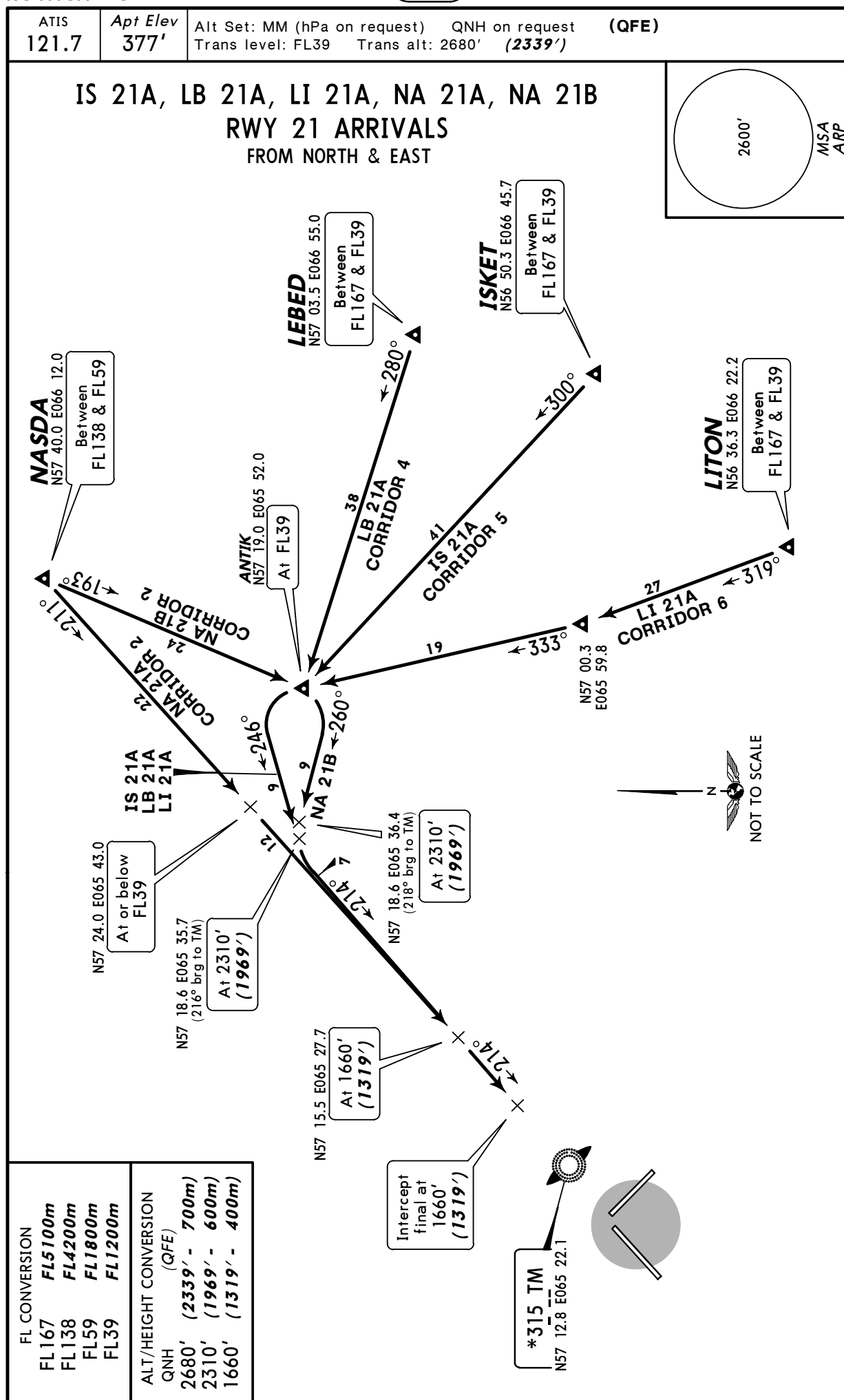
TYUMEN, RUSSIA
STAR



USTR/TJM
 ROSHCHINO

JEPPESEN
 30 JAN 09 **10-2D** Eff 12 Feb

TYUMEN, RUSSIA
STAR

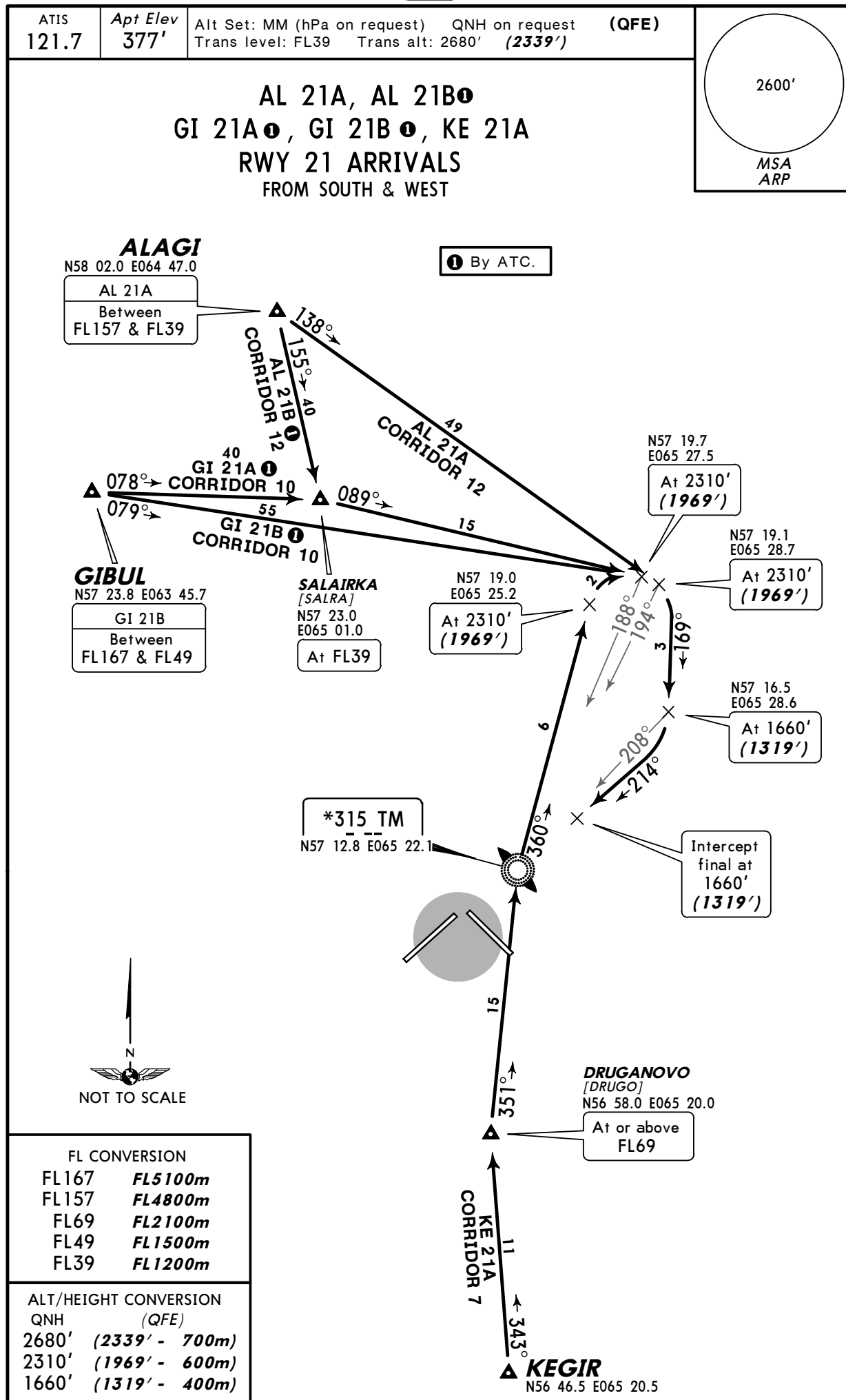


CHANGES: None.

USTR/TJM
ROSHCHINO

JEPPESEN
30 JAN 09 10-2E Eff 12 Feb

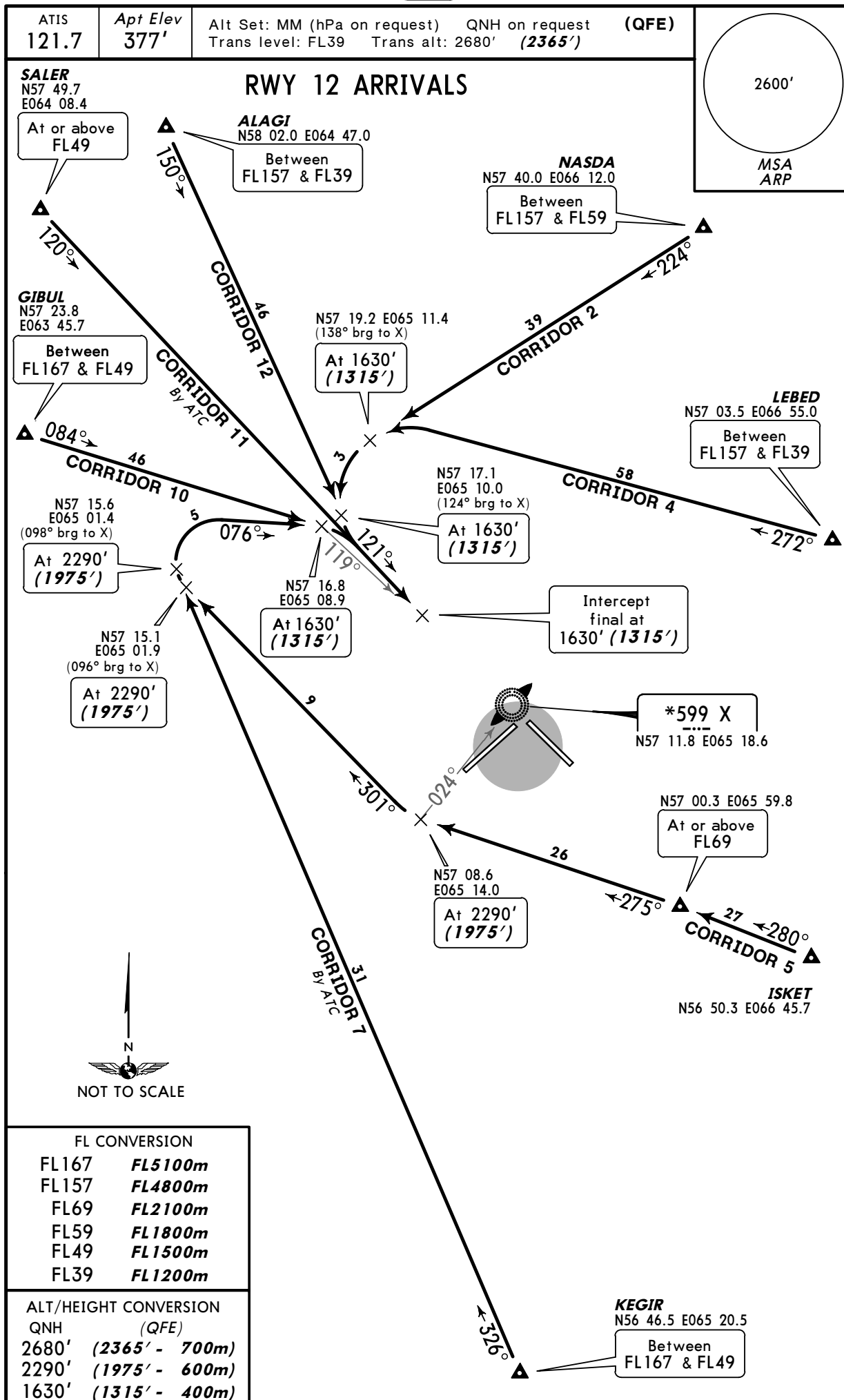
TYUMEN, RUSSIA
STAR



USTR/TJM
ROSHCHINO

JEPPESSEN
30 JAN 09 10-2F Eff 12 Feb

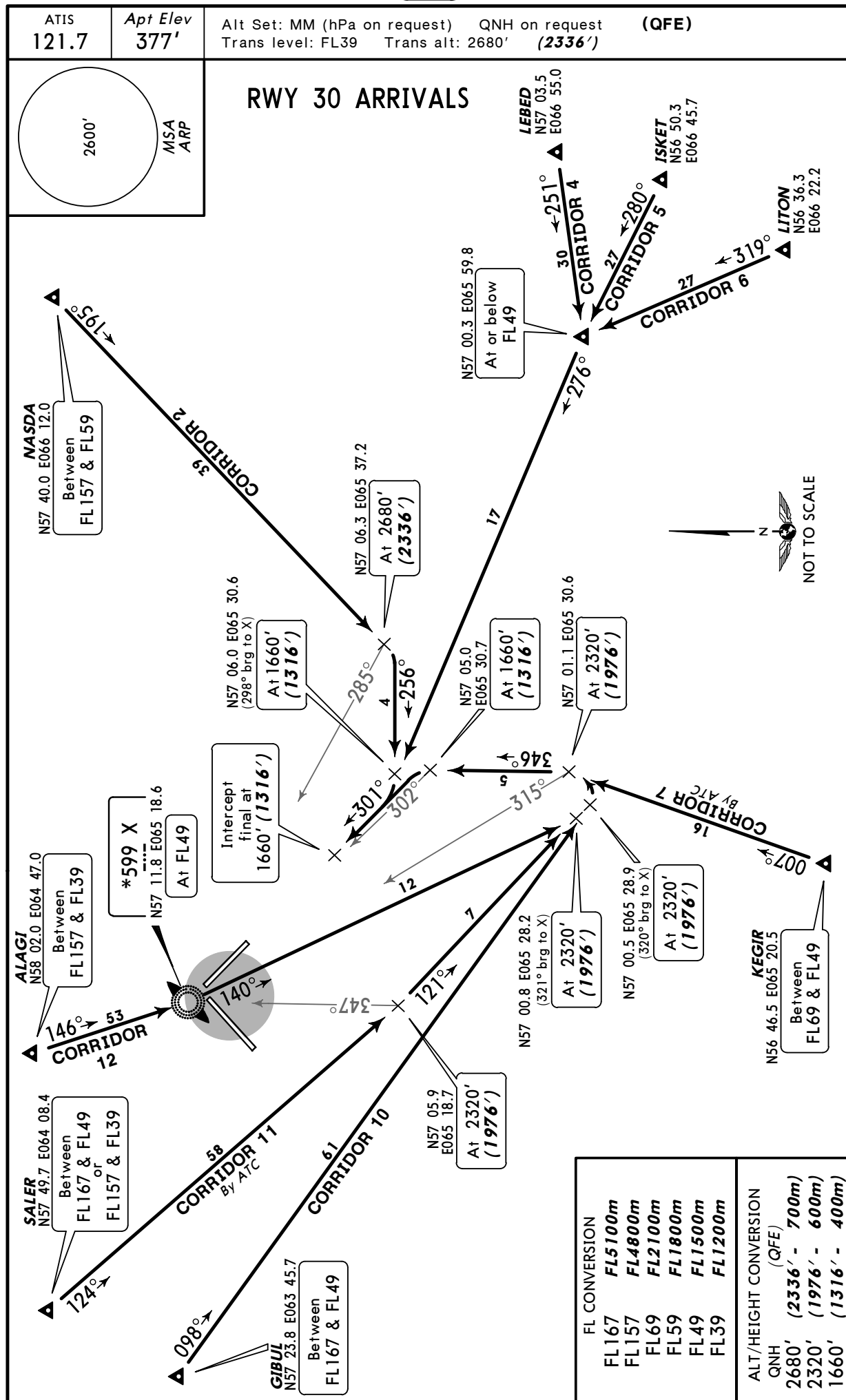
TYUMEN, RUSSIA
STAR



USTR/TJM
 ROSHCHINO

JEPPESSEN
 30 JAN 09 10-2G Eff 12 Feb

TYUMEN, RUSSIA
 STAR



CHANGES: Arrival from SALER established.

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JEPPESSEN
 30 JAN 09 10-3 Eff 12 Feb

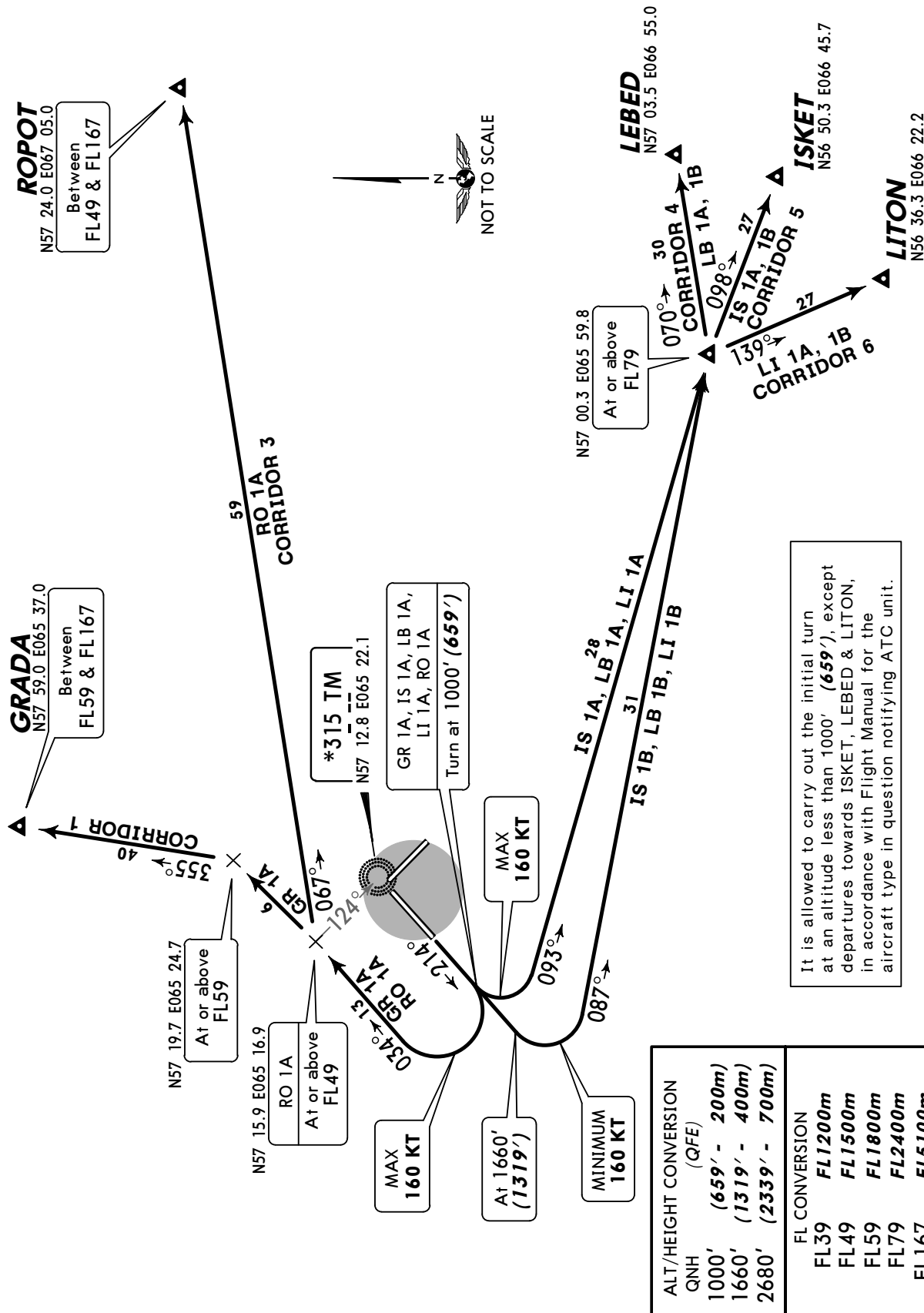
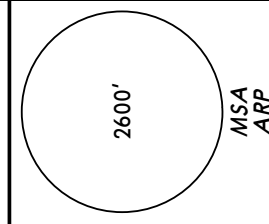
TYUMEN, RUSSIA

SID

Apt Elev
 377'

QNH on request (QFE)
 Trans level: FL39 Trans alt: 2680' (2339')

GR 1A, IS 1A, IS 1B, LB 1A, LB 1B
 LI 1A, LI 1B, RO 1A
 RWY 21 DEPARTURES
 TO NORTH & EAST



USTR/TJM
ROSHCHINO

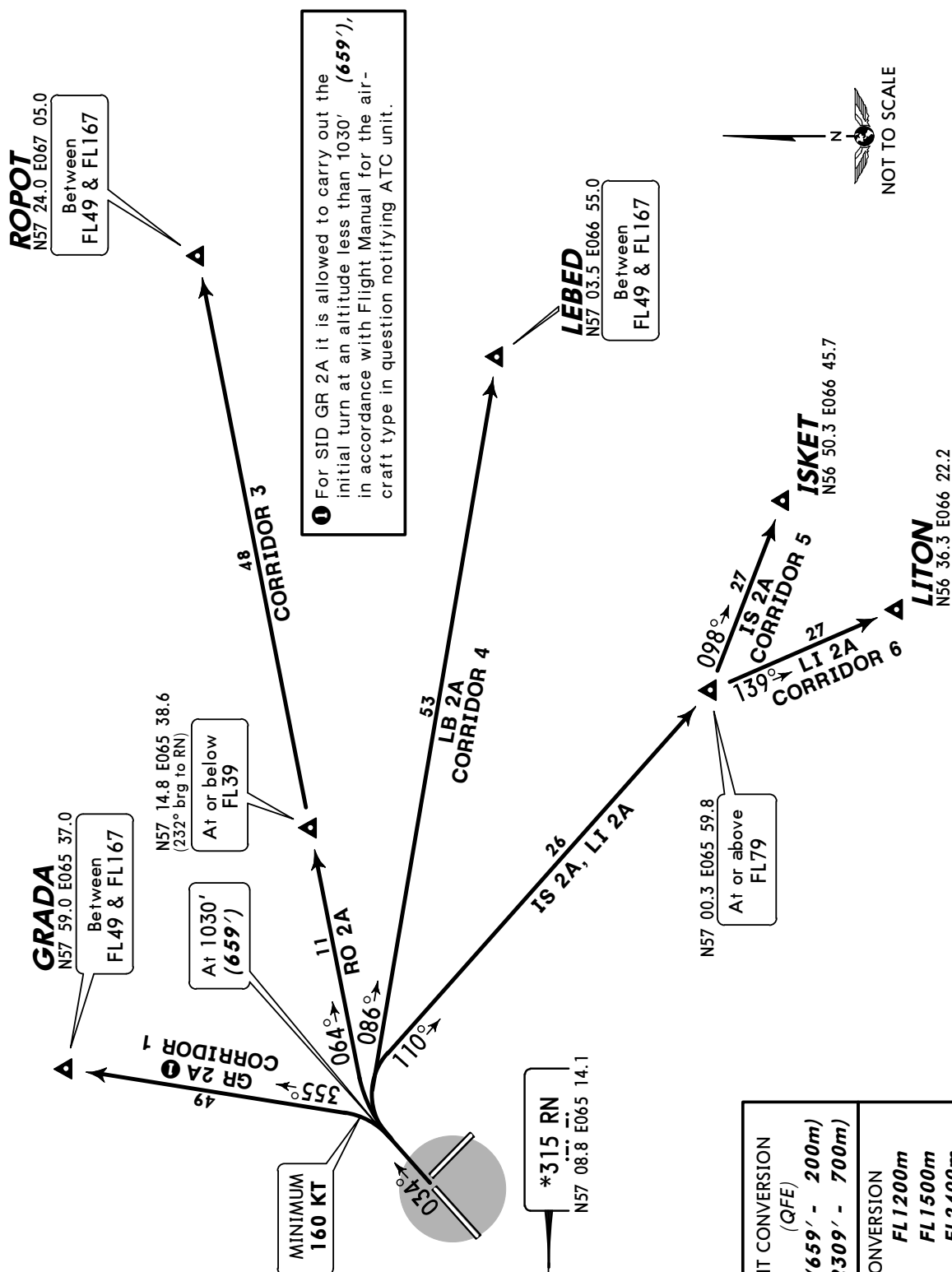
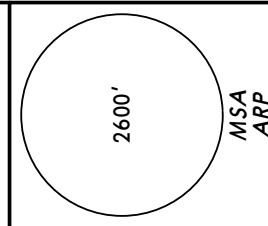
JEPPesen
30 JAN 09 10-3A Eff 12 Feb

TYUMEN, RUSSIA
SID

Apt Elev
377'

QNH on request (QFE)
Trans level: FL39 Trans alt: 2680' (2309')

GR 2A ①, IS 2A, LB 2A, LI 2A, RO 2A
RWY 03 DEPARTURES
TO NORTH & EAST



ALT/HEIGHT CONVERSION	
QNH (QFE)	
1030'	(659' - 200m)
2680'	(2309' - 700m)

FL CONVERSION	
FL39	FL1200m
FL49	FL1500m
FL79	FL2400m
FL167	FL5100m

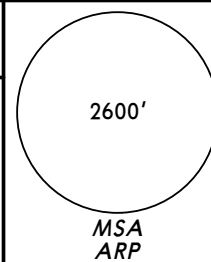
USTR/TJM
 ROSHCHINO

JEPPESEN
 30 JAN 09 (10-3B) Eff 12 Feb

TYUMEN, RUSSIA
 SID

Apt Elev
 377'

QNH on request (QFE)
 Trans level: FL39 Trans alt: 2680' (2339')

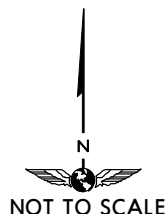


BN 1A, BN 1B, KE 1A ①, SA 1A ①, SA 1B ①
 RWY 21 DEPARTURES
 TO SOUTH & WEST

① By ATC.

SALER
 N57 49.7 E064 08.4

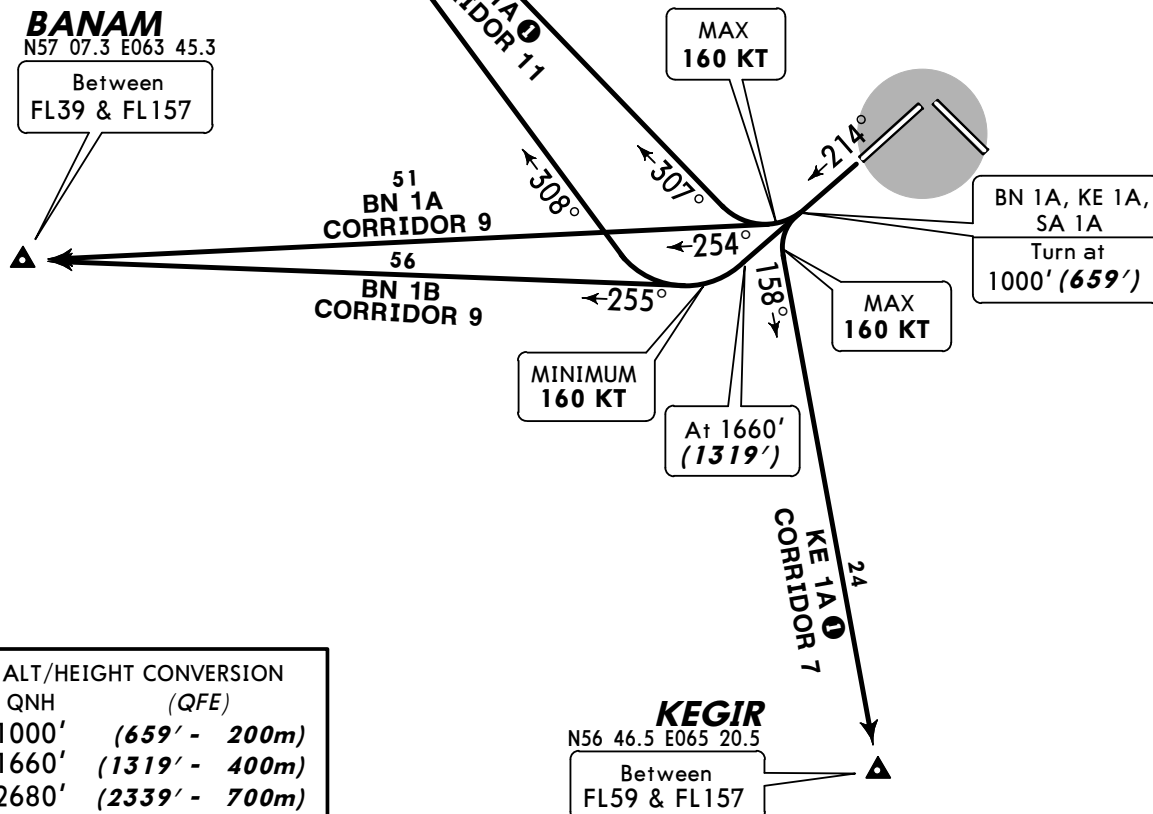
Between
 FL39 & FL157



It is allowed to carry out the initial turn
 at an altitude less than 1000' (659'), in
 accordance with Flight Manual for the air-
 craft type in question notifying ATC unit.

BANAM
 N57 07.3 E063 45.3

Between
 FL39 & FL157



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1000'	(659' - 200m)
1660'	(1319' - 400m)
2680'	(2339' - 700m)

FL CONVERSION	
FL39	FL1200m
FL59	FL1800m
FL157	FL4800m

KEGIR
 N56 46.5 E065 20.5
 Between
 FL59 & FL157

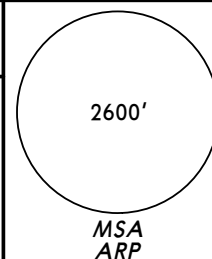
USTR/TJM
ROSHCHINO

JEPPESSEN
30 JAN 09 (10-3C) Eff 12 Feb

TYUMEN, RUSSIA
SID

Apt Elev
377'

QNH on request (QFE)
Trans level: FL39 Trans alt: 2680' (2309')



BN 2A, KE 2A ①, KE 2B ①, SA 2A ①, SA 2B ①
RWY 03 DEPARTURES
TO SOUTH & WEST

① By ATC.

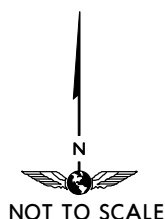
It is allowed to carry out the initial turn at an altitude less than 1030' (659'), in accordance with Flight Manual for the aircraft type in question notifying ATC unit.

② Warning: Aircraft with more than 160 KT should execute the initial turn with a radius not more than 1.9 NM.

SALER
N57 49.7 E064 08.4

SALAIRKA
[SALRA]
N57 23.0 E065 01.0

At or above FL59



BANAM
N57 07.3 E063 45.3

Between FL59 & FL157

N57 08.3 E065 01.7

At or above FL59

42 ← 256°
BN 2A
CORRIDOR 9

*315 RN
N57 08.8 E065 14.1

MAX
160 KT

MINIMUM
160 KT

At 1030'
(659')

DRUGANOVO
[DRUGO]
N56 58.0 E065 20.0

KEGIR
N56 46.5 E065 20.5

Between FL59 & FL157

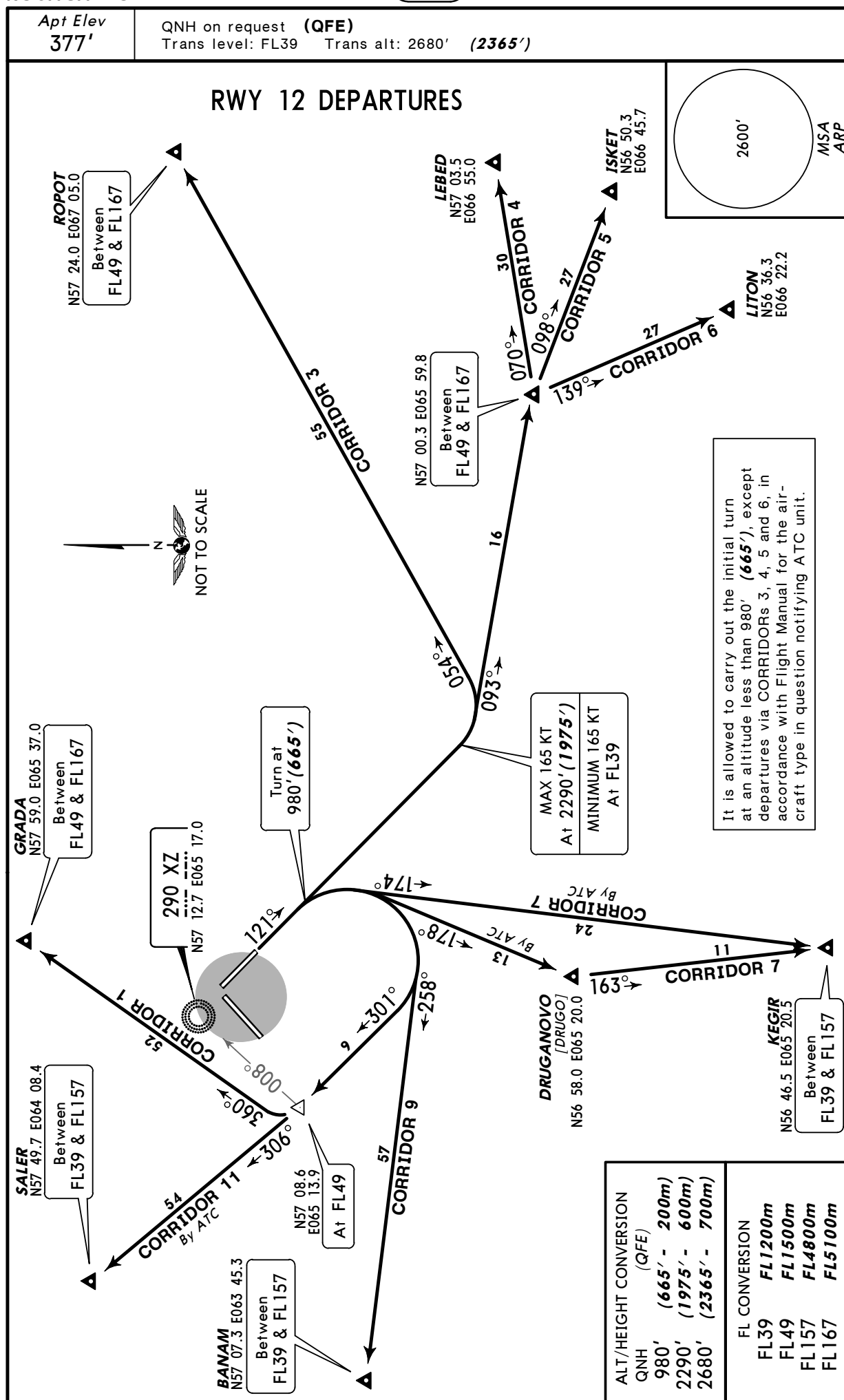
ALT/HEIGHT CONVERSION
QNH (QFE)
1030' (659' - 200m)
2680' (2309' - 700m)

FL CONVERSION
FL39 FL1200m
FL59 FL1800m
FL157 FL4800m

USTR/TJM
 ROSHCHINO

JEPPESEN
 30 JAN 09 10-3D Eff 12 Feb

TYUMEN, RUSSIA
 SID



USTR/TJM
ROSCHINO

30 JAN 09

JEPPESEN

10-3E

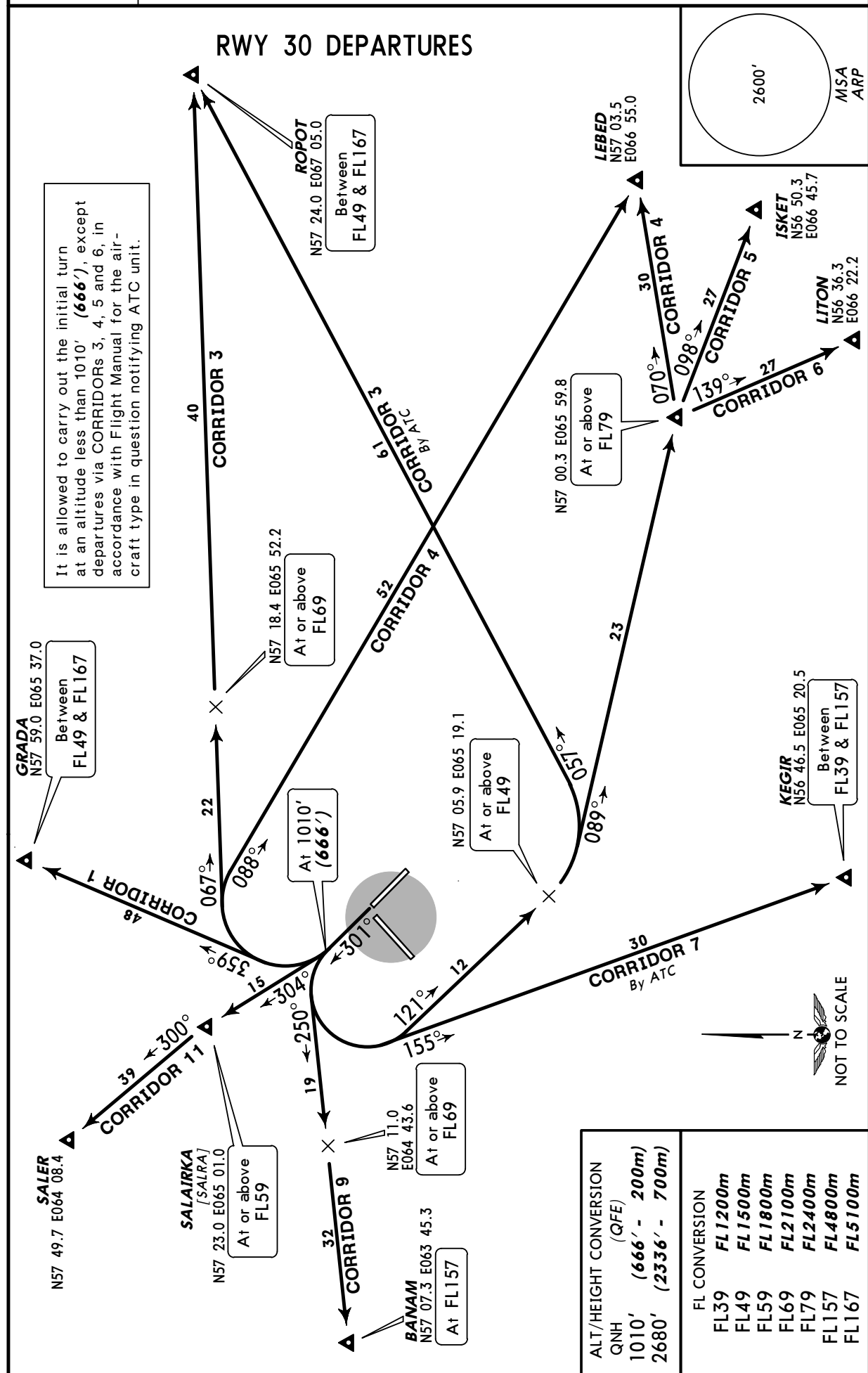
Eff 12 Feb

TYUMEN, RUSSIA

SID

Apt Elev
377'

QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2680' **(2336')**



CHANGES: Departure to SALER established.

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USTR/TJM

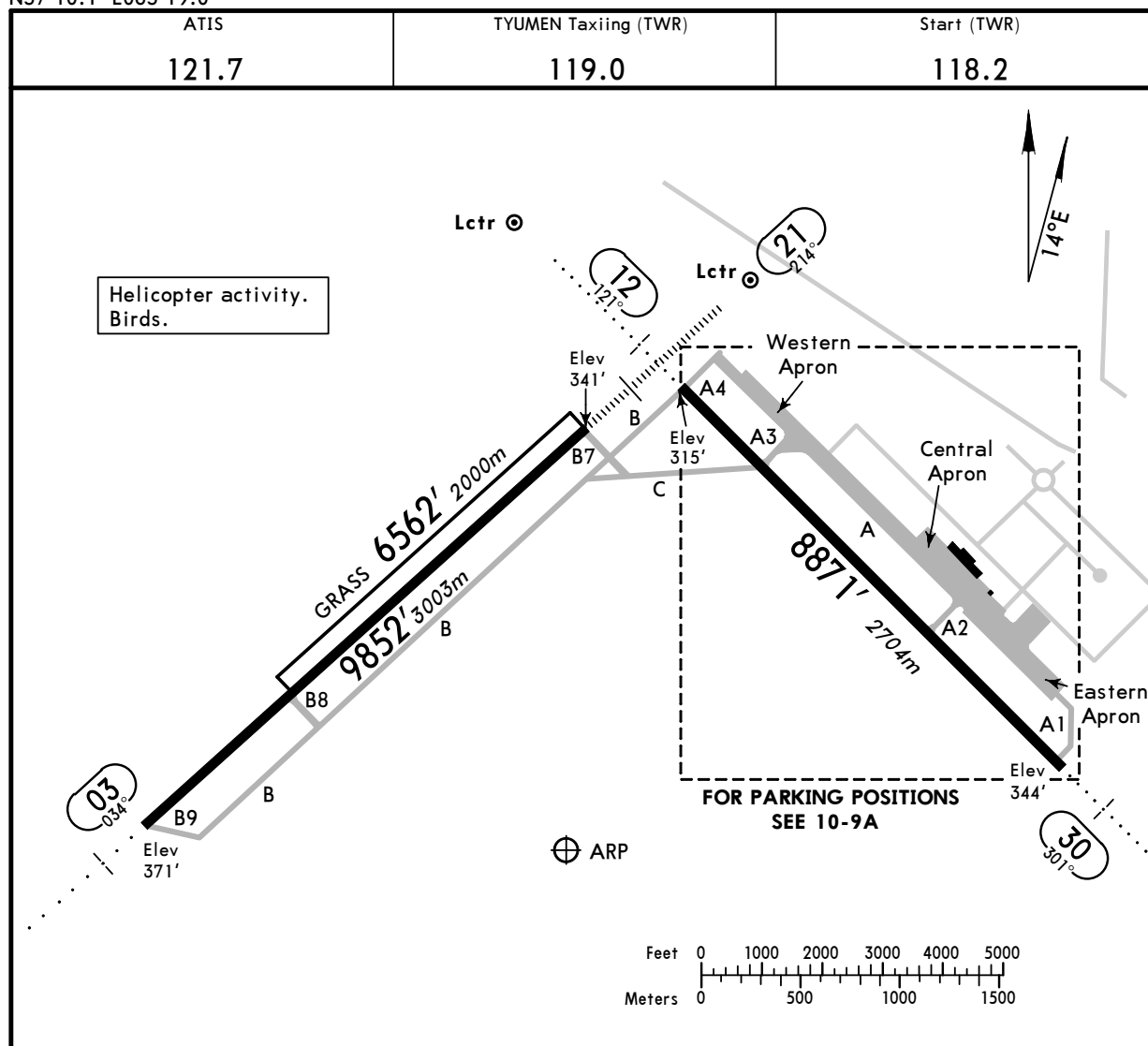
Apt Elev **377'**
N57 10.1 E065 19.0

JEPPESSEN

30 JAN 09 **10-9** Eff 12 Feb

TYUMEN, RUSSIA

ROSHCHINO



ADDITIONAL RUNWAY INFORMATION

					USABLE LENGTHS			TAKE-OFF	WIDTH
					LANDING BEYOND				
RWY					Threshold	Glide Slope			
03 21	HIRL (60m) ALS PAPI-L(angle 2.67°) RVR					8572' 2613m	9524' 2903m①		148' 45m
	HIRL (60m) HIALS PAPI-L(angle 2.67°) RVR					8769' 2673m			
03 ② 21	Grass runway								328' 100m
12 30	RL (50m) ALS PAPI-L(angle 2.67°) RVR						8543' 2604m①		164' 50m
	RL (50m) ALS PAPI-L(angle 3.00°) RVR								

① First 328'/100m unusable for take-off.

② For emergency landing only.

TAKE-OFF

AIR CARRIER (JAA)

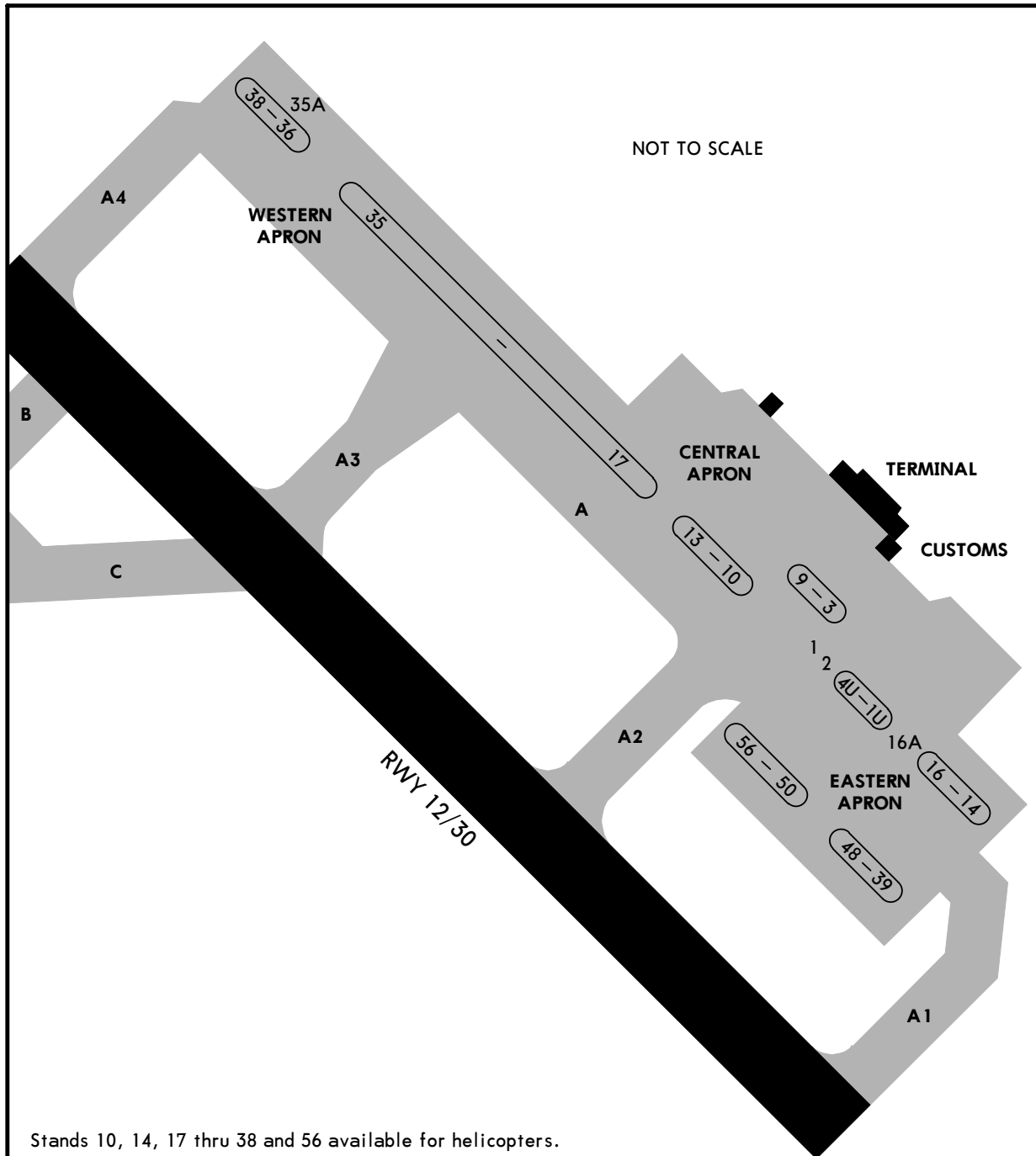
All Rwy's

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

USTR/TJM

30 JAN 09 **JEPPESEN** **10-9A** **Eff 12 Feb**

TYUMEN, RUSSIA
ROSHCHINO



USTR/TJM

JEPPESEN

7 DEC 07

10-9X

Eff 20 Dec

JAA MINIMUMS

TYUMEN, RUSSIA

RÖSHCHINO

STRAIGHT-IN RWY		A	B	C	D
03	ILS	571'(200')	571'(200')	571'(200')	571'(200')
		R800m	R800m	R800m	R800m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	680'(309')	680'(309')	680'(309')	680'(309')
		R1300m	R1400m	R1600m	R1800m
	ALS out	R1500m	R1500m	R1800m	R2000m
12	2 NDB	640'(330')	640'(330')	640'(330')	640'(330')
		R1300m	R1400m	R1600m	R1800m
	ALS out	R1500m	R1500m	R1800m	R2000m
21	ILS	541'(200')	541'(200')	541'(200')	541'(200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	670'(329')	670'(329')	670'(329')	670'(329')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
30	NDB	1050'(706')	1050'(706')	1050'(706')	1050'(706')
		R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 03, 12, 21, 30

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		

USTR/TJM
ROSHCHINO

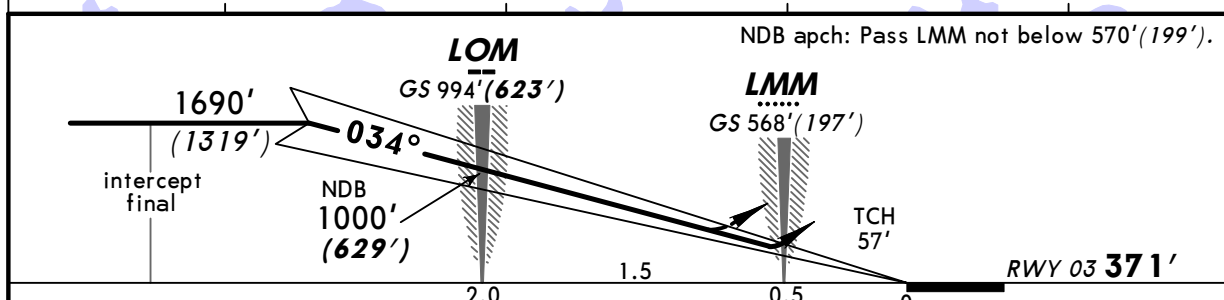
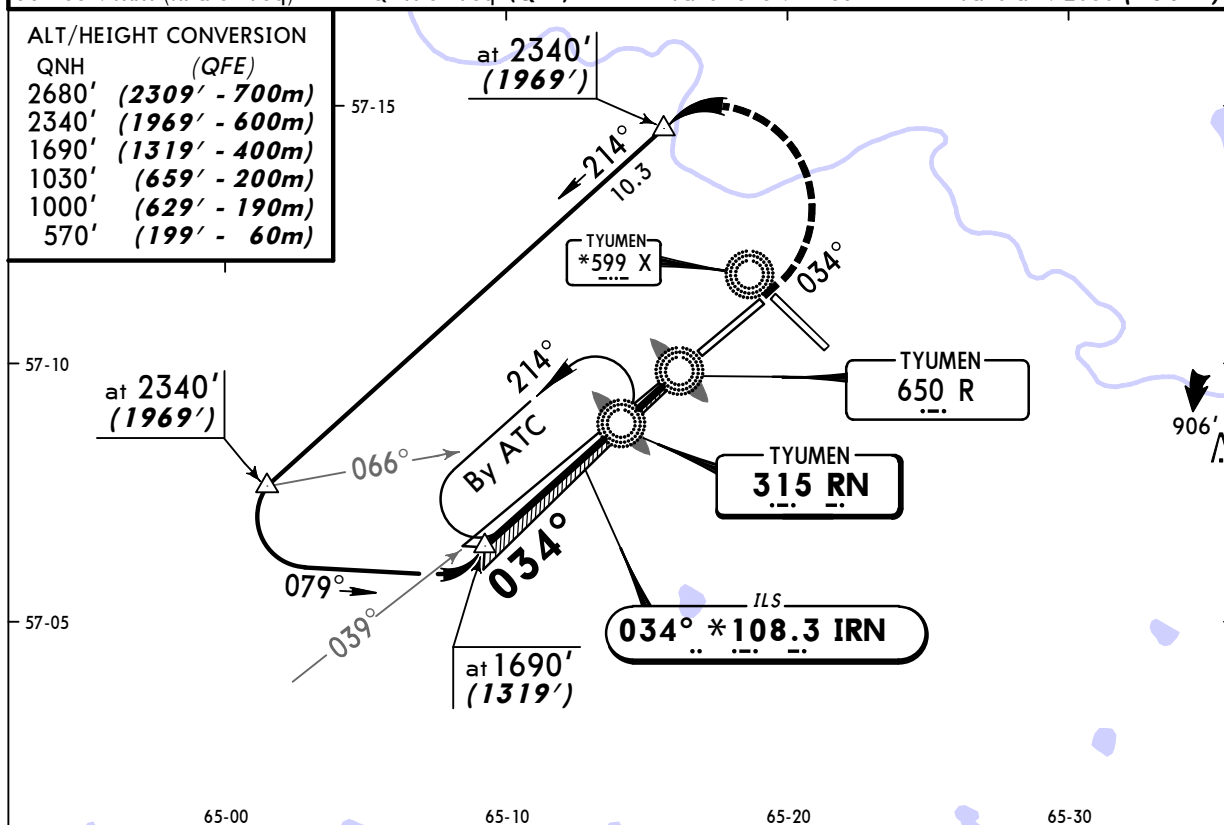
JEPPESEN
9 MAY 08 (11-1)

TYUMEN, RUSSIA
ILS or 2 NDB Rwy 03

BRIEFING STRIP

ATIS		TYUMEN Approach		TYUMEN Krug (SRE)		TYUMEN Start (PAR/TWR)		Ground		
121.7		126.1		120.4		118.2		119.0		
LOC IRN *108.3	Final Apch Crs 034°		GS LOM 994' (623')	ILS DA(H) 571' (200')	Apt Elev 378' RWY 371'		2600' MSA ARP			
NDB RN 315			Minimum Alt LOM 1000' (629')	NDB MDA(H) 680' (309')						
MISSED APCH: Climb on 034° to 1030' (659'), then turn LEFT onto 214° climbing to 2340' (1969'), then according to chart.										
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2680' (2309')				

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680'	(2309' - 700m)
2340'	(1969' - 600m)
1690'	(1319' - 400m)
1030'	(659' - 200m)
1000'	(629' - 190m)
570'	(199' - 60m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	1030' (659') on 034°	214°	2340' (1969')
ILS GS 2.67° or NDB Desc Grad 4.7%	336	433	481	577	673	769	PAPI		LT	

STRAIGHT-IN LANDING RWY 03									
ILS			LOC (GS out)			NDB			
DA(H) 571'(200')						MDA(H) 680'(309')			
FULL		ALS out					ALS out		
A	1200m		NOT AUTHORIZED			RVR 1500m VIS 1600m			
B									
C									
D									

PANS OPS

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ROSHCHINO

JEPPESEN
9 MAY 08 (11-2)

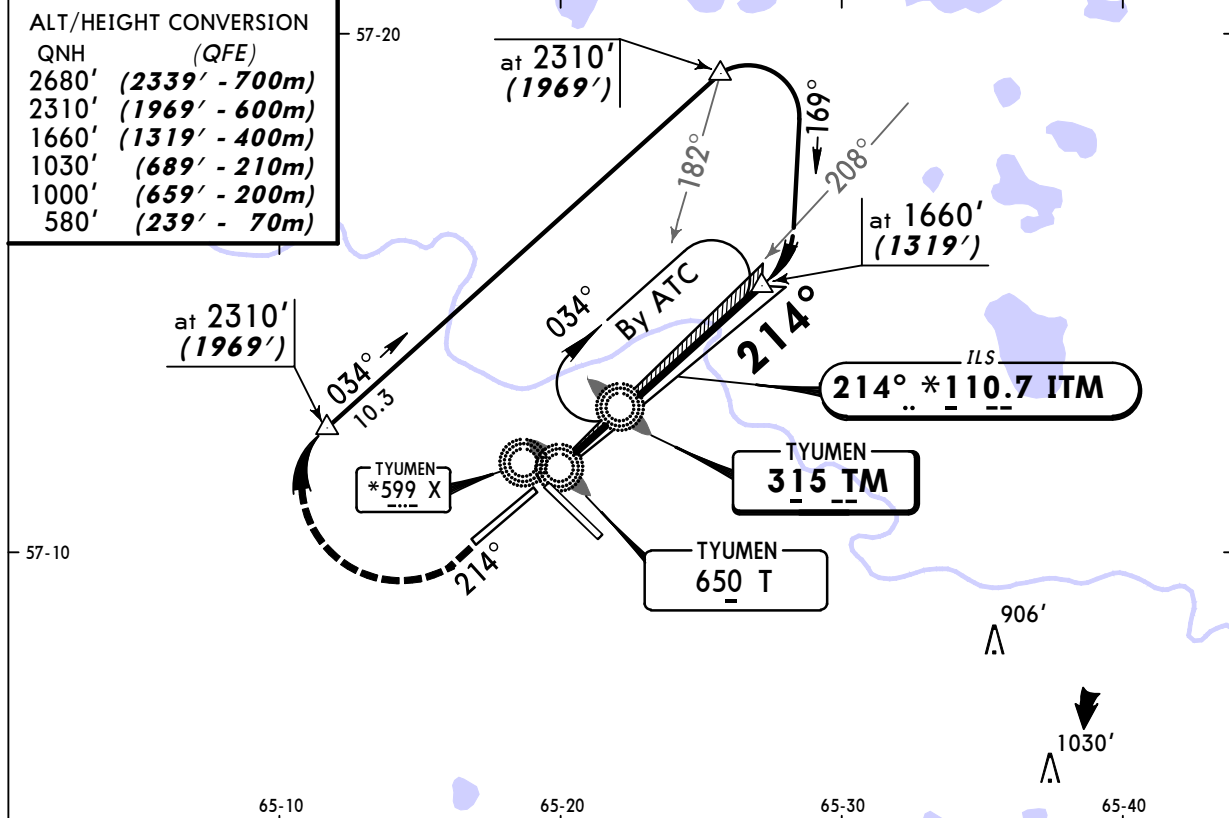
TYUMEN, RUSSIA
ILS or 2 NDB Rwy 21

BRIEFING STRIP

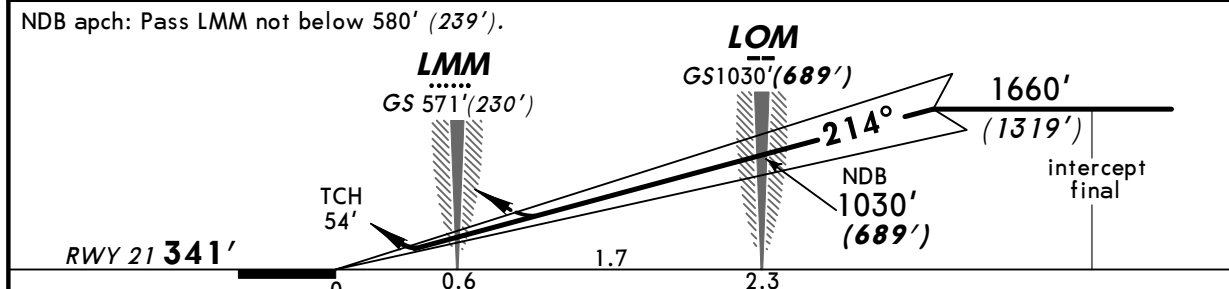
ATIS 121.7		TYUMEN Approach 126.1		TYUMEN Krug (SRE) 120.4		TYUMEN Start (PAR/TWR) 118.2		Ground 119.0	
LOC ITM *110.7	Final Apch Crs 214°		GS/ Minimum Alt LOM 1030' (689')		ILS DA(H) 541' (200')	Apt Elev 378' RWY 341'		2600' MSA ARP	
NDB TM 315					NDB MDA(H) 670' (329')				
MISSED APCH: Climb on 214° to 1000' (659'), then turn RIGHT onto 034° climbing to 2310' (1969'), then according to chart.									
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 39		Trans alt: 2680' (2339')			

ALT/HEIGHT CONVERSION

QNH	(QFE)
2680'	(2339' - 700m)
2310'	(1969' - 600m)
1660'	(1319' - 400m)
1030'	(689' - 210m)
1000'	(659' - 200m)
580'	(239' - 70m)



NDB apch: Pass LMM not below 580' (239').



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1000' (659') on 214°	034° RT	2310' (1969')
ILS GS 2.67° or NDB Desc Grad 4.7%	336	433	481	577	673	769	PAPI			

STRAIGHT-IN LANDING RWY 21

	ILS		LOC (GS out)	NDB	
	DA(H) 541' (200')	ALS out		MDA(H) 670' (329')	ALS out
A					
B					
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED	1200m	RVR 1500m VIS 1600m
D				RVR 1500m VIS 1600m	

PANS OPS

USTR/TJM
ROSHCHINO

JEPPESEN
7 DEC 07 (16-1) Eff 20 Dec

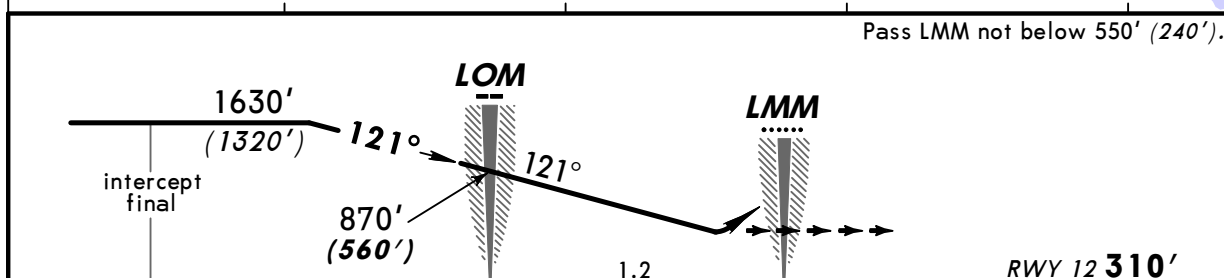
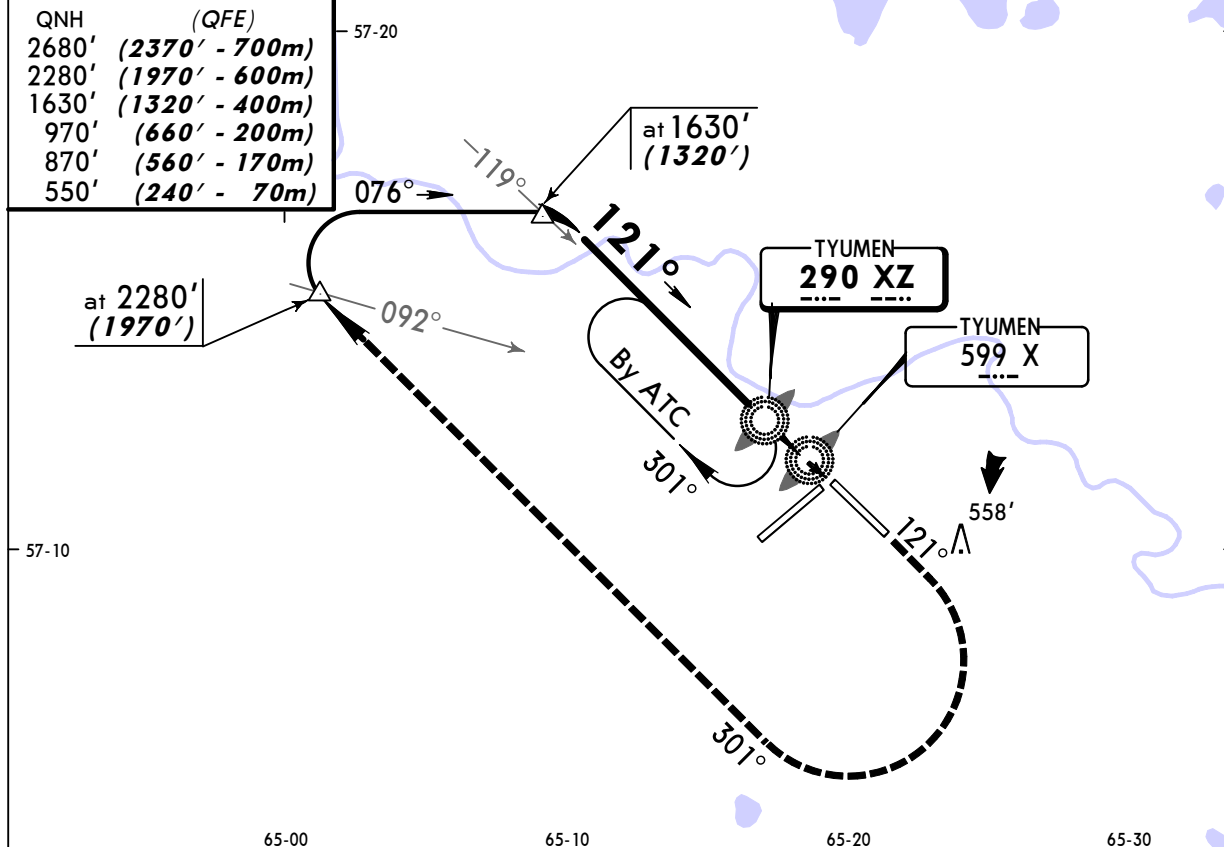
TYUMEN, RUSSIA
2 NDB Rwy 12

BRIEFING STRIP

ATIS	TYUMEN Approach	TYUMEN Krug (SRE)	TYUMEN Start (PAR/TWR)	Ground
121.7	126.1	120.4	118.2	119.0
NDB XZ 290	Final Apch Crs 121°	Minimum Alt LOM 870' (560')	MDA(H) 640' (330') Apt Elev 378' RWY 310'	2600' MSA ARP
MISSED APCH: Climb on 121° to 970' (660'), then turn RIGHT onto 301° climbing to 2280' (1970'), then according to chart.				
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 39	Trans alt: 2680' (2370')	

ALT/HEIGHT CONVERSION

QNH	(QFE)
2680' (2370' - 700m)	
2280' (1970' - 600m)	
1630' (1320' - 400m)	
970' (660' - 200m)	
870' (560' - 170m)	
550' (240' - 70m)	



Gnd speed-Kts	70	90	100	120	140	160	ALS	970' (660') on 121°	301° RT	2280' (1970')
Descent Gradient 4.7%	333	428	476	571	666	762				

STRAIGHT-IN LANDING RWY 12			
MDA(H) 640' (330')			
		ALS out	
A	RVR 1500m VIS 1600m		
B			
C			
D			

PANS OPS

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ROSHCHINO

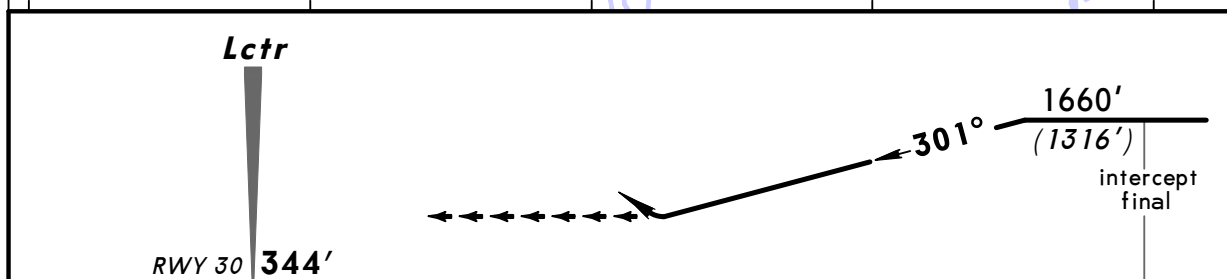
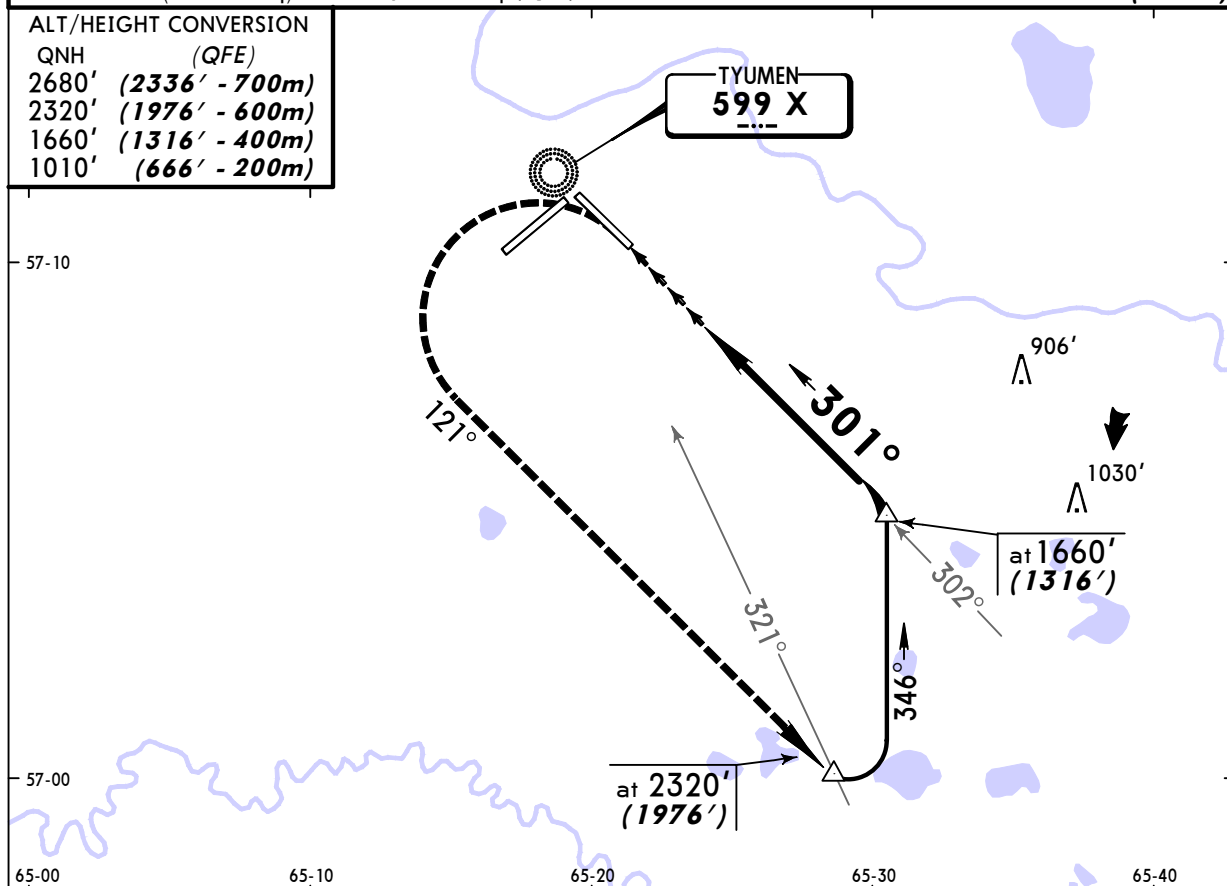
JEPPESEN
7 DEC 07 (16-2) Eff 20 Dec

TYUMEN, RUSSIA
NDB Rwy 30

BRIEFING STRIP

ATIS	TYUMEN Approach	TYUMEN Krug (SRE)	TYUMEN Start (PAR/TWR)	Ground
121.7	126.1	120.4	118.2	119.0
Lctr X 599	Final Apch Crs 301°	Minimum Alt No FAF	MDA(H) 1050' (706')	Apt Elev 378' RWY 344'
MISSED APCH: Turn LEFT onto 121° climbing to 2320' (1976'), then according to chart.				2600' MSA ARP
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 39	Trans alt: 2680' (2336')	

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2680'	(2336' - 700m)
2320'	(1976' - 600m)
1660'	(1316' - 400m)
1010'	(666' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	121°	2320' (1976')
Descent Gradient 5.2%	369	474	527	632	737	843		LT	

STRAIGHT-IN LANDING RWY 30			
MDA(H) 1050' (706')		ALS out	
A			
B	3200m		
C			
D	3600m		

PANS OPS