

Page 1

Changed chart(s) since Disc 26-2012

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 26-2012

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport URMT

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

Eff 20 Sep 12 all SID/STARs suspended, for revised procedures contact ATC.

URMT (Shpakovskoye)

General Info

Stavropol, RUS
N 45° 06.5' E 42° 06.7' Mag Var: 5.8°E
Elevation: 1486'

Public, IFR, Control Tower, Customs
Fuel: Jet A-1
Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+4:00 no DST

Runway Info

Runway 07-25 8530' x 157' asphalt

Runway 07 (68.0°M) TDZE 1486'
Lights: Edge, ALS
Runway 25 (248.0°M) TDZE 1434'
Lights: Edge, ALS

Communications Info

Stavropol Tower **124.0** Secondary
Stavropol Tower **120.9** MF
Stavropol Tower Ground Control **124.0** Secondary
Stavropol Tower Ground Control **120.9** MF
Stavropol Approach Control **124.0** Secondary
Stavropol Approach Control **120.3** MF
Stavropol Approach Radar **124.0** Secondary
Stavropol Approach Radar **120.3** MF

Notebook Info

URMT/STW
SHPAKOVSKOYE

JEPPESEN
27 APR 12 **10-2A** Eff 3 May

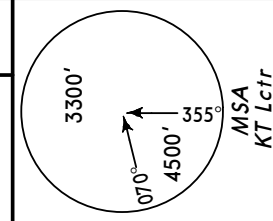
STAVROPOL, RUSSIA

STAR

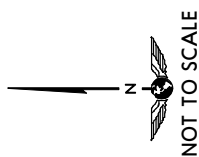
Apt Elev
1486'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL60 Trans alt: 4440' (**3006'**)

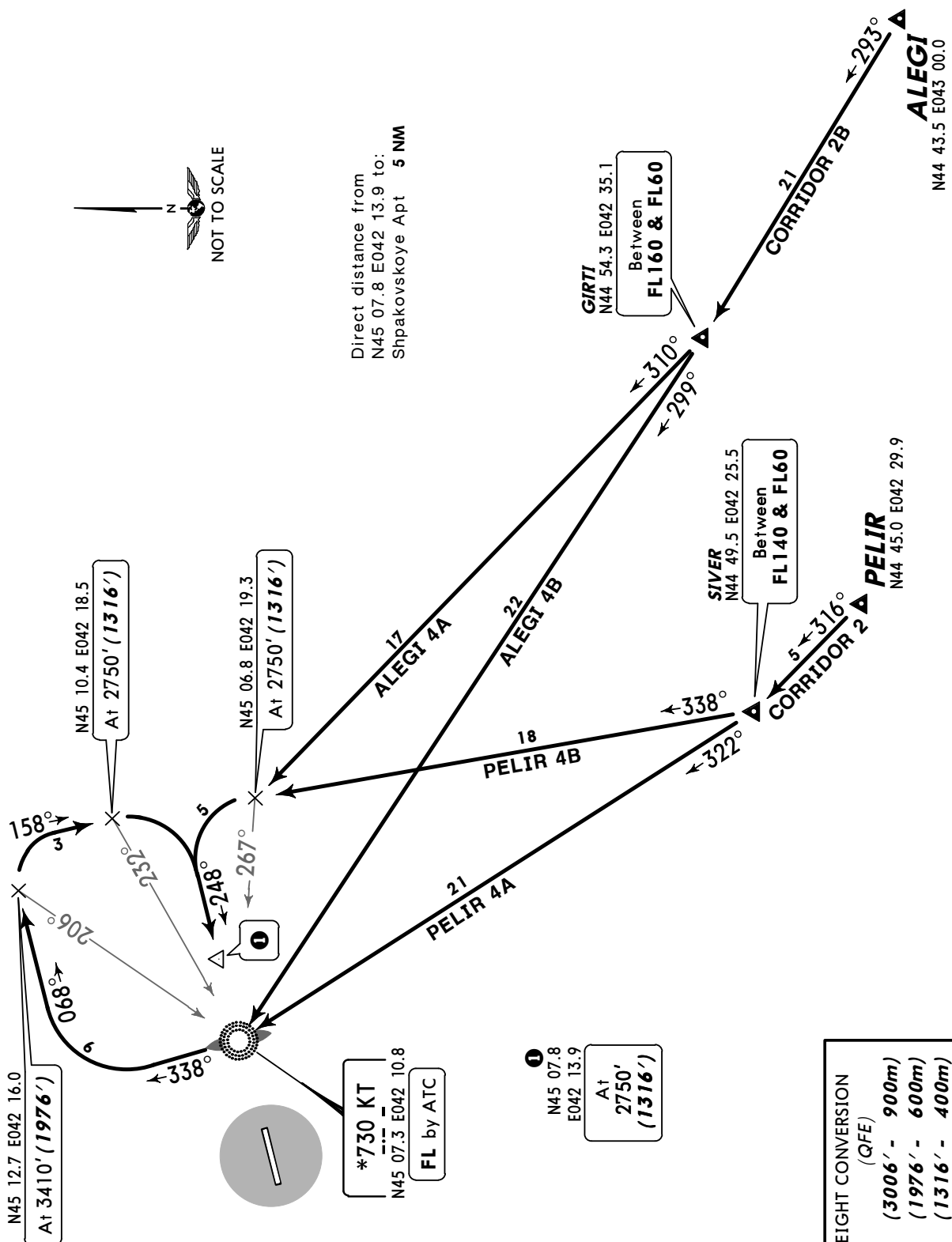
(QFE)



ALEGI 4A [ALEG4A], ALEGI 4B [ALEG4B]
PELIR 4A [PELI4A], PELIR 4B [PELI4B]
RWY 25 ARRIVALS
WITH RADAR CONTROL



Direct distance from
N45 07.8 E042 13.9 to:
Shpakovskoye Apt 5 NM



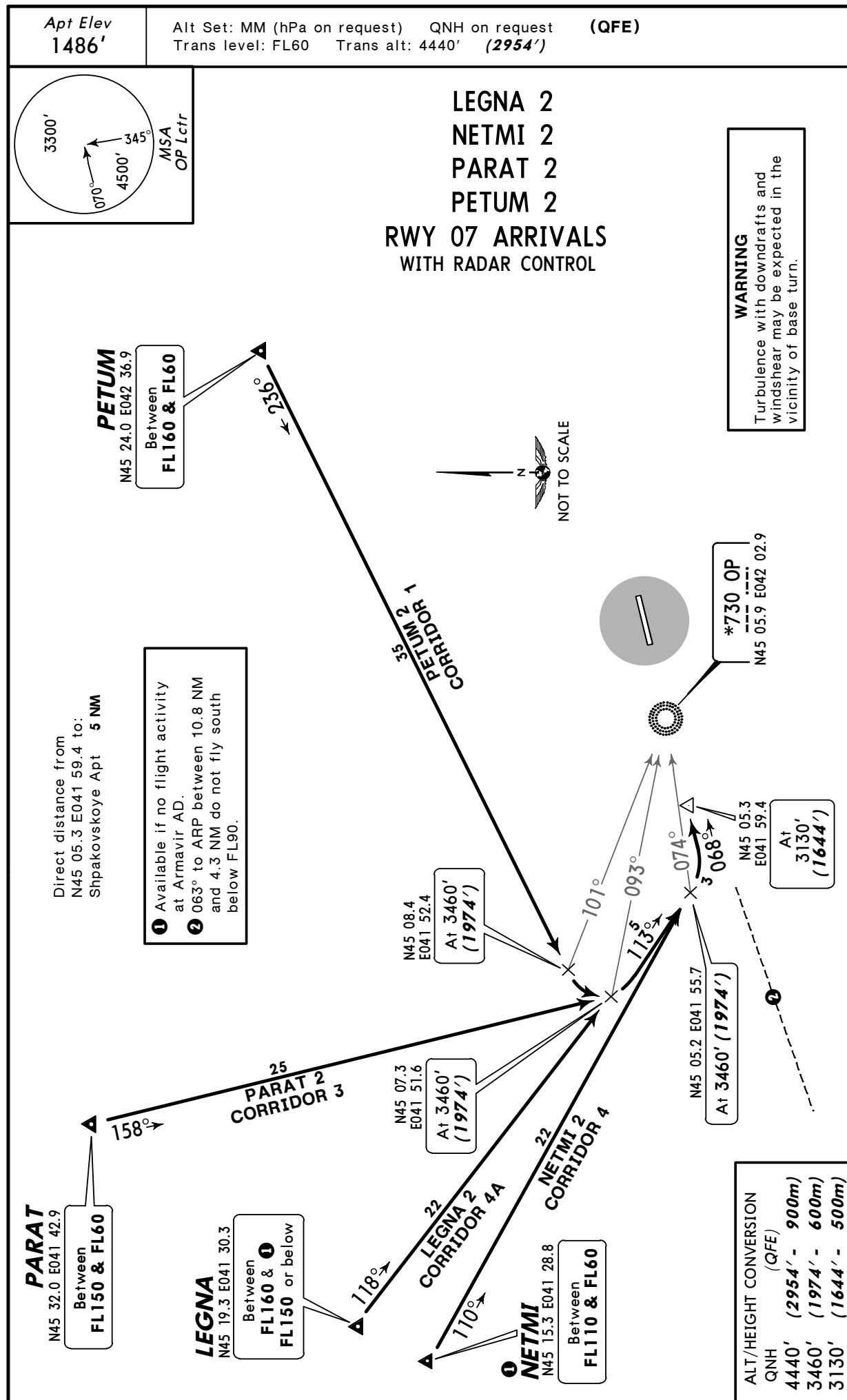
ALT/HEIGHT CONVERSION (QFE)	
QNH	
4440'	(3006' - 900m)
3410'	(1976' - 600m)
2750'	(1316' - 400m)

URMT/STW
SHPAKOVSKOYE

JEPPesen
27 APR 12 10-2B Eff 3 May

STAVROPOL, RUSSIA

STAR

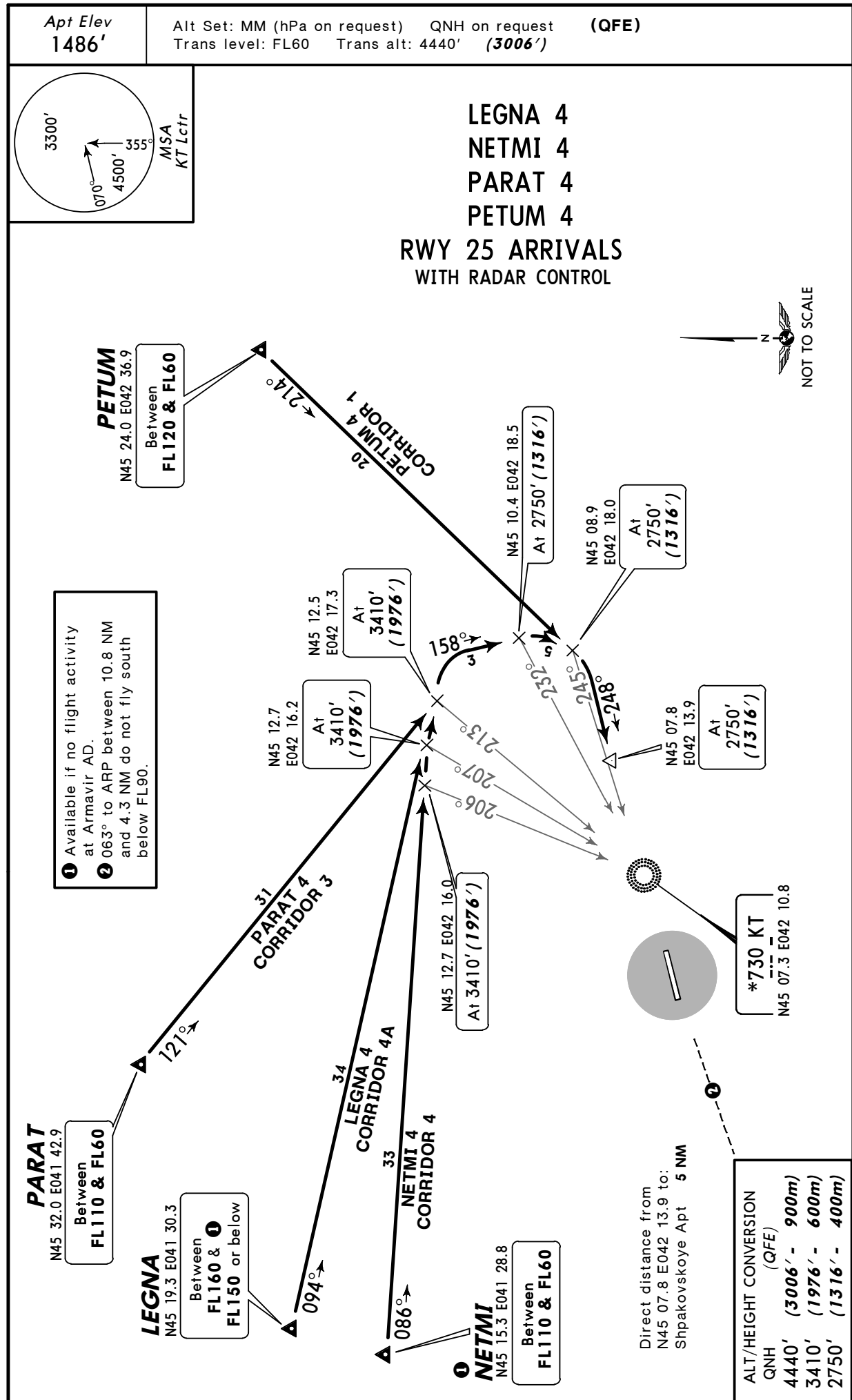


URMT/STW
SHPAKOVSKOYE

JEPPESEN
27 APR 12 10-2C Eff 3 May

STAVROPOL, RUSSIA

STAR



URMT/STW
SHPAKOVSKOYE

11 NOV 11

JEPPESEN

10-3

Eff 17 Nov

STAVROPOL, RUSSIA

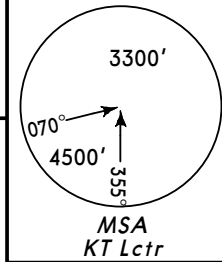
SID

Apt Elev
1486'

QNH on request (QFE)

Trans level: FL60 Trans alt: 4440' (3006')

Take-off to be carried out using noise abatement procedures for the area according to Flight Manual.



ABELA 3A
CAT A & B

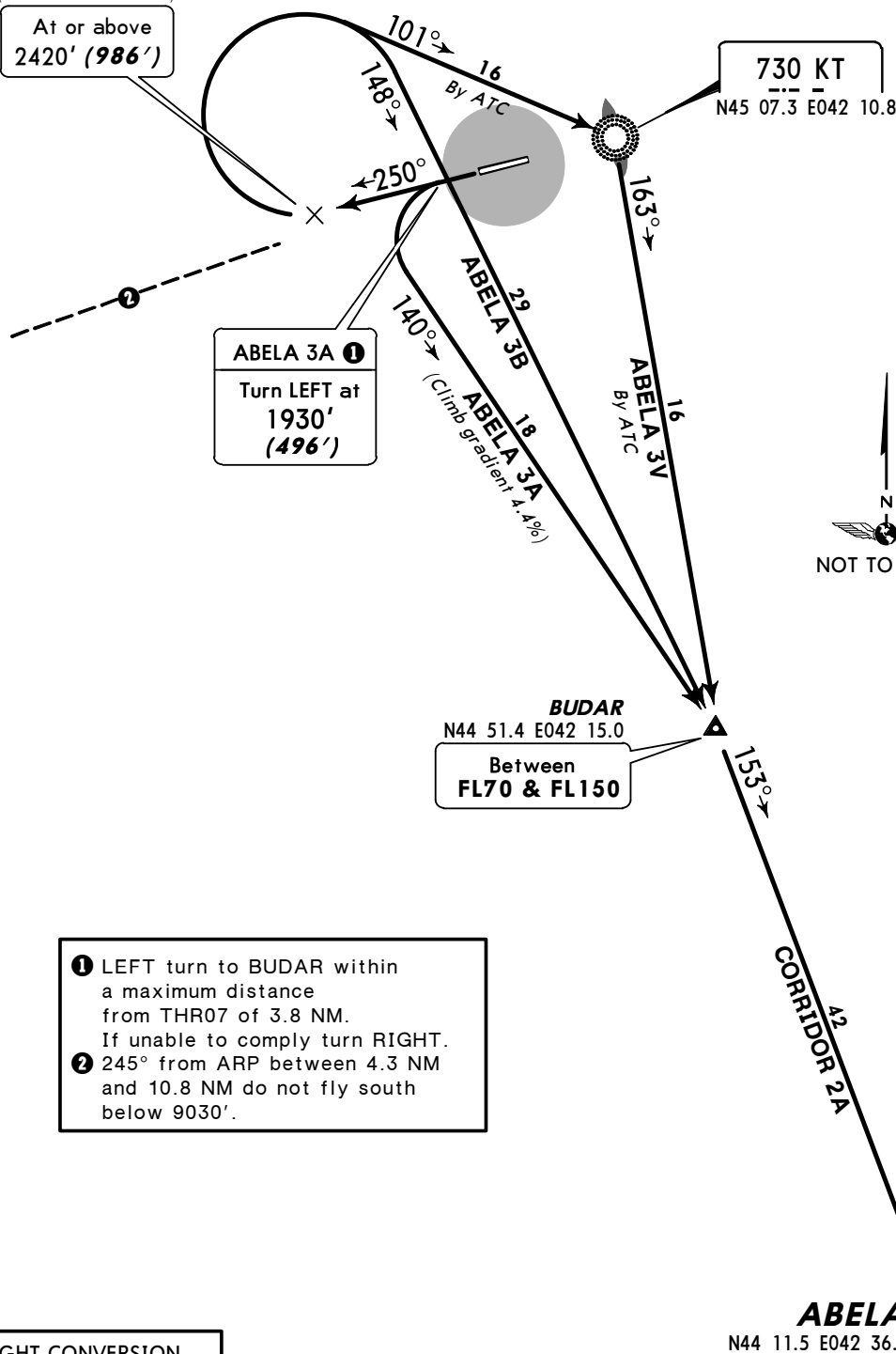
ABELA 3B

ABELA 3V
BY ATC

RWY 25 DEPARTURES

N45 05.6 E042 01.4
(3.2 NM from THR07)

At or above
2420' (986')



NOT TO SCALE

- ① LEFT turn to BUDAR within a maximum distance from THR07 of 3.8 NM. If unable to comply turn RIGHT.
- ② 245° from ARP between 4.3 NM and 10.8 NM do not fly south below 9030'.

ALT/HEIGHT CONVERSION

QNH (QFE)

1930' (496' - 150m)

2420' (986' - 300m)

4440' (3006' - 900m)

Gnd speed-KT	75	100	150	200	250	300
4.4% 267' per NM	334	446	668	891	1114	1337

URMT/STW
SHPAKOVSKOYE

JEPPESEN
11 NOV 11 **(10-3A)** **Eff 17 Nov**

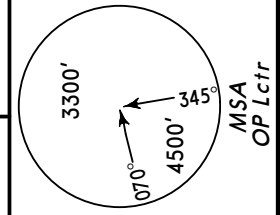
STAVROPOL, RUSSIA

SID

Apt Elev
1486'

QNH on request **(QFE)**Trans level: FL60 Trans alt: 4440' **(2954')**

Take-off to be carried out using noise abatement procedures for the area according to Flight Manual.

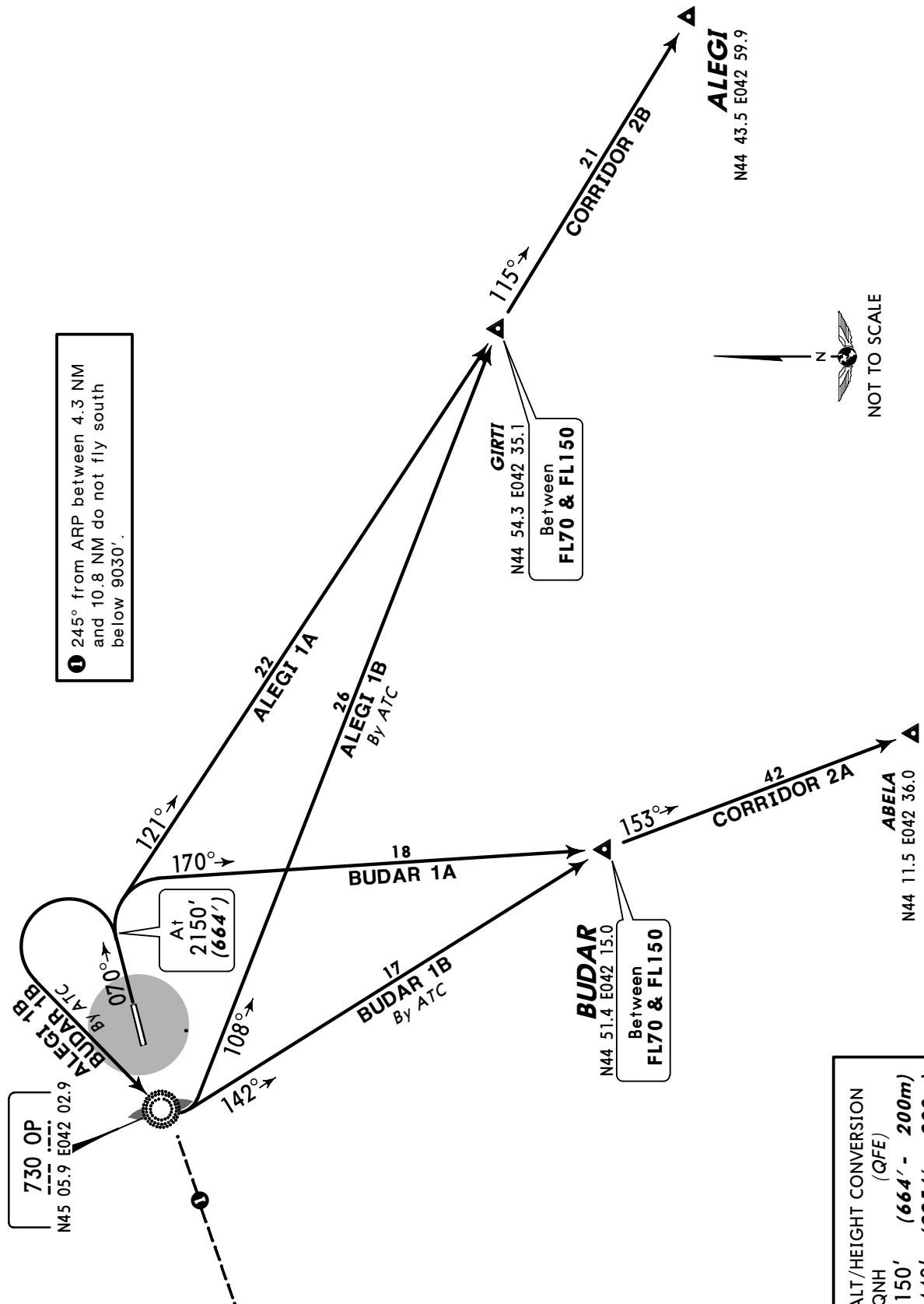


ALEGI 1A, BUDAR 1A

ALEGI 1B, BUDAR 1B

BY ATC

RWY 07 DEPARTURES



ALT/HEIGHT CONVERSION	(QFE)
QNH	
2150'	(664' - 200m)
4440'	(2954' - 900m)

URMT/STW
SHPAKOVSKOYE

27 APR 12

JEPPESEN

(10-3B)

Eff 3 May

STAVROPOL, RUSSIA

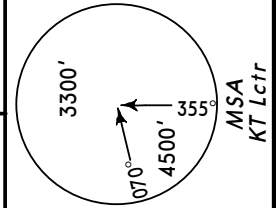
SID

Apt Elev
1486'

QNH on request (QFE)

Trans level: FL60 Trans alt: 4440' (3006')

Take-off to be carried out using noise abatement procedures for the area according to Flight Manual.



ALEGI 3A [ALEG3A]

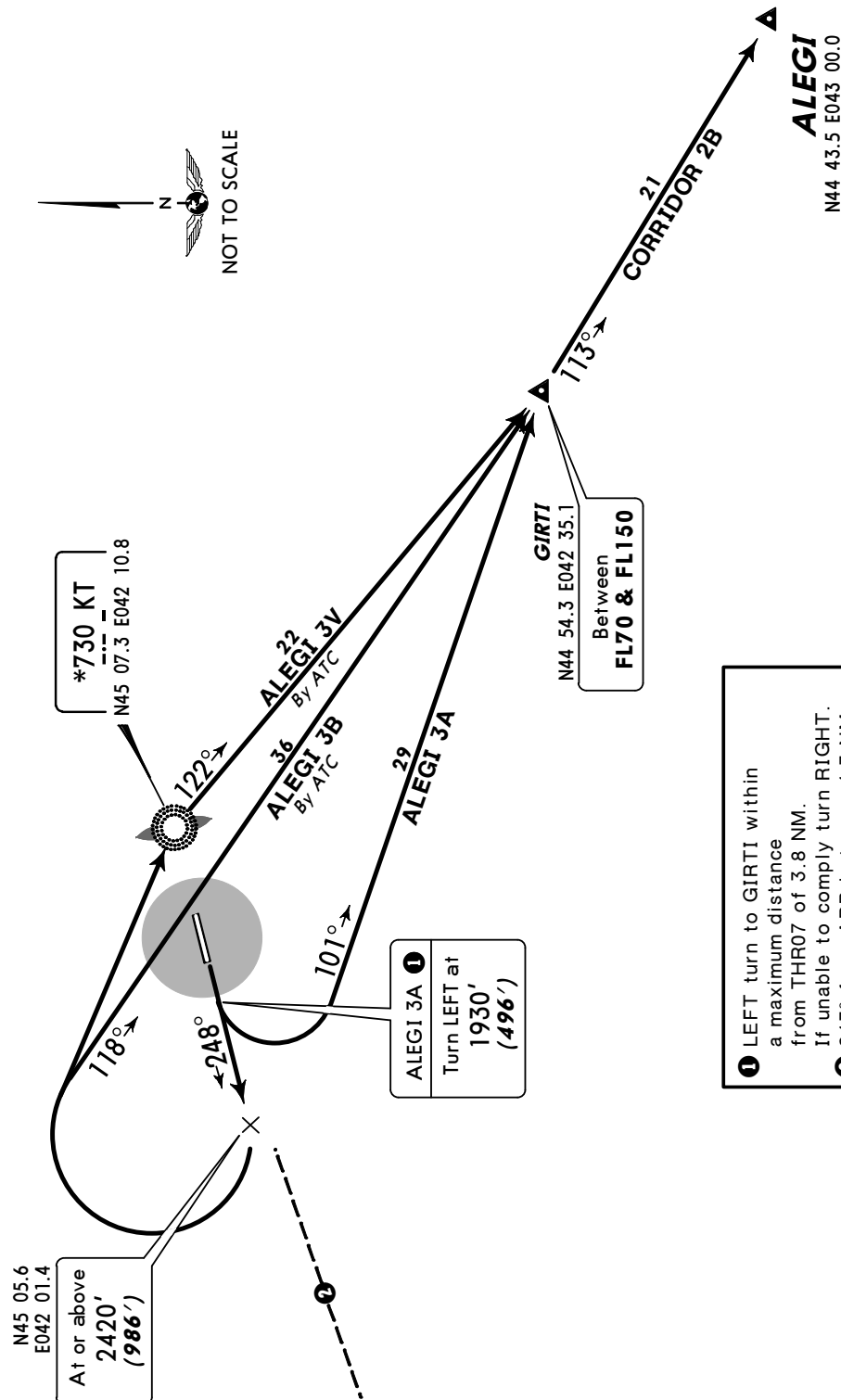
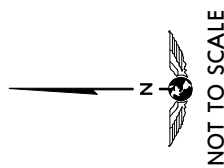
CAT A & B

ALEGI 3B [ALEG3B]

ALEGI 3V [ALEG3V]

BY ATC

RWY 25 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1930'	(496' - 150m)
2420'	(986' - 300m)
4440'	(3006' - 900m)

URMT/STW
 SHPAKOVSKOYE

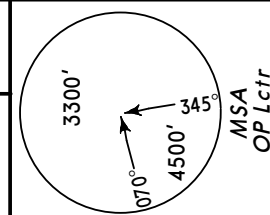
JEPPESEN
 27 APR 12 (10-3C) Eff 3 May

STAVROPOL, RUSSIA

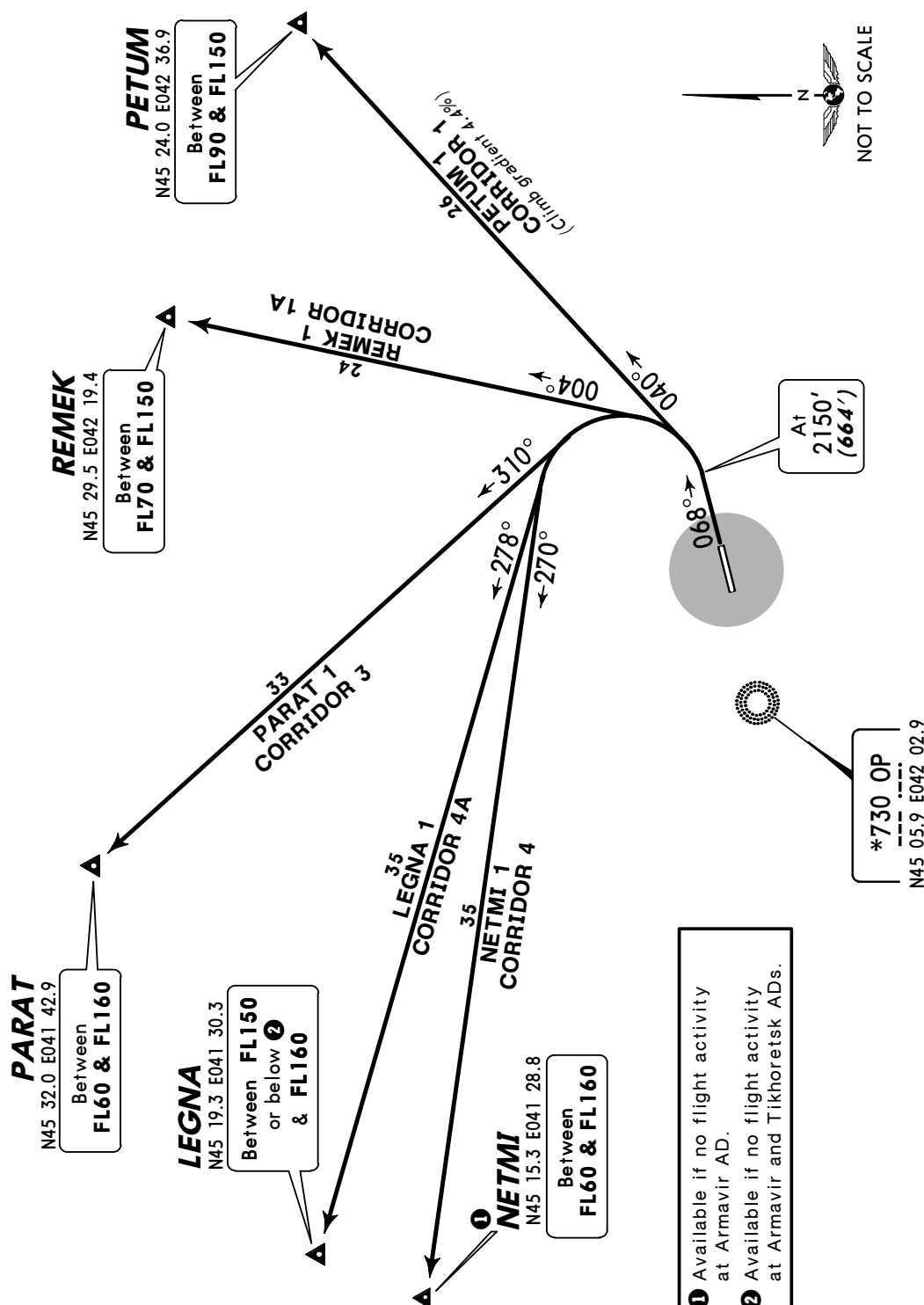
SID

Apt Elev
 1486'

QNH on request (QFE)
 Trans level: FL60 Trans alt: 4440' (2954')



LEGNA 1, NETMI 1
 PARAT 1, PETUM 1, REMEK 1
 RWY 07 DEPARTURES



Gnd speed-KT	75	100	150	200	250	300
4.4% (V/V) fpm	334	446	668	891	1114	1337

ALT/HEIGHT CONVERSION
 QNH (QFE)
 2150' (664' - 200m)
 4440' (2954' - 900m)

- ① Available if no flight activity at Armavir AD.
- ② Available if no flight activity at Armavir and Tikhoretsk ADs.

URMT/STW
SHPAKOVSKOYE

27 APR 12

JEPPESSEN
10-3D

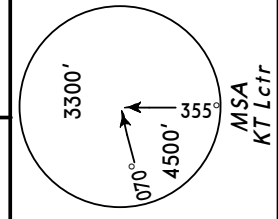
Eff 3 May

STAVROPOL, RUSSIA

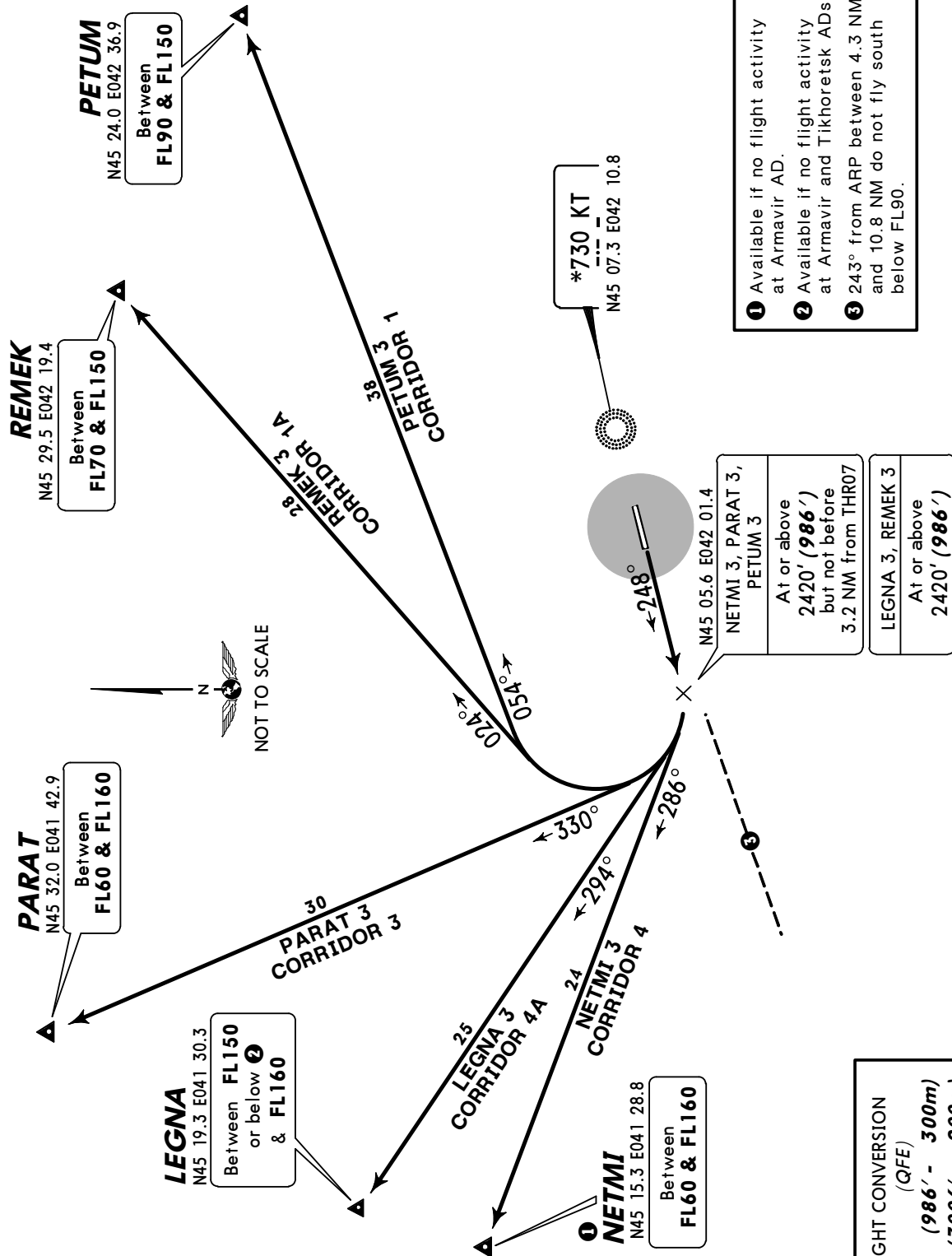
SID

Apt Elev
1486'

QNH on request (QFE)
Trans level: FL60 Trans alt: 4440' (3006')
Take-off to be carried out using noise abatement procedures
for the area according to Flight Manual.



LEGNA 3, NETMI 3
PARAT 3, PETUM 3, REMEK 3
RWY 25 DEPARTURES



URMT/STW
SHPAKOVSKOYE

27 APR 12

JEPPESSEN

10-3E

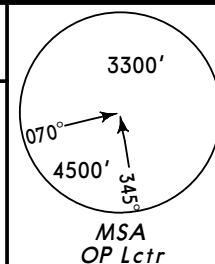
Eff 3 May

STAVROPOL, RUSSIA

SID

Apt Elev
1486'

QNH on request **(QFE)**
Trans level: FL60 Trans alt: 4440' **(2954')**

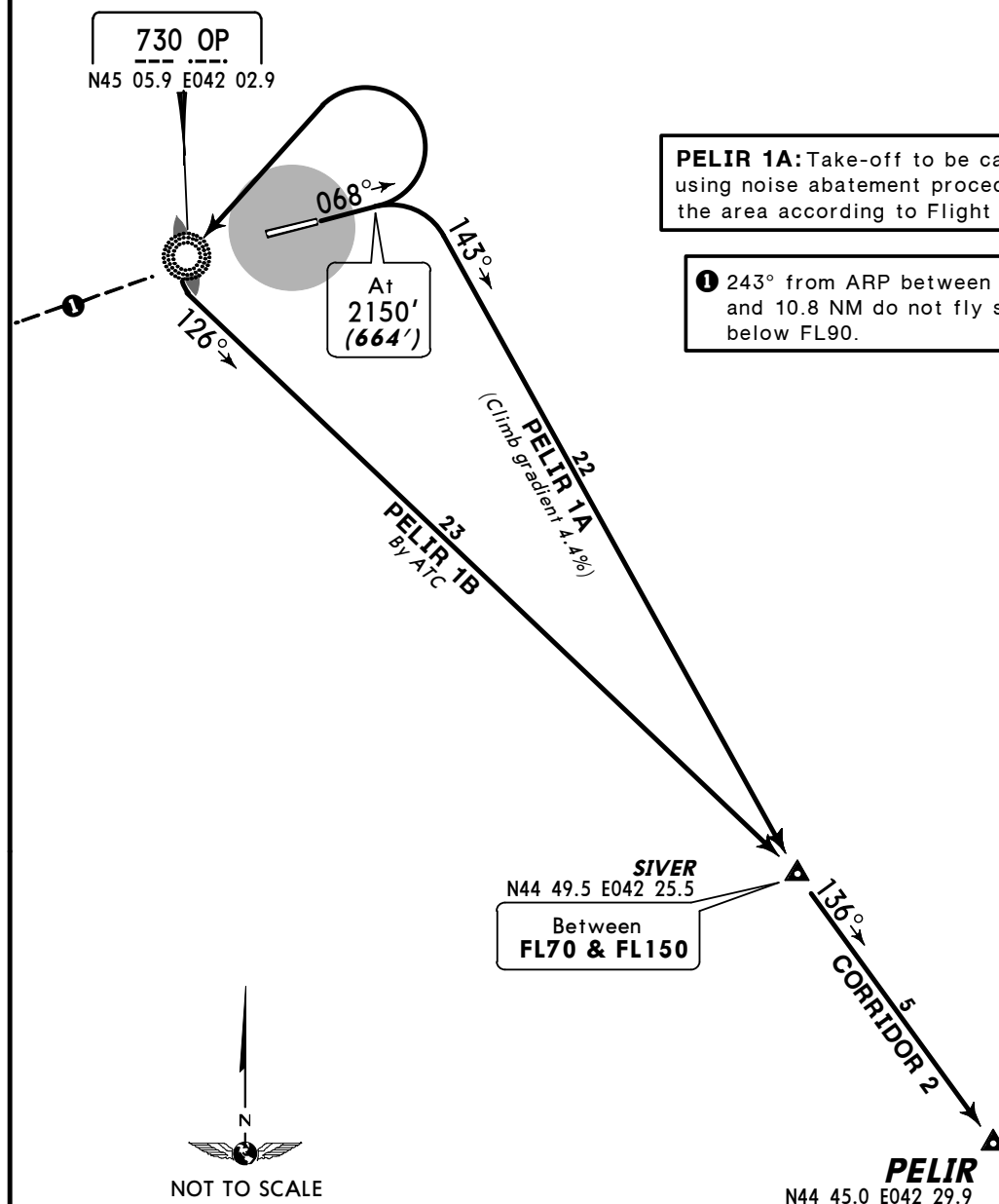


PELIR 1A [*PELI1A*]

PELIR 1B [*PELI1B*]

BY ATC

RWY 07 DEPARTURES



ALT/HEIGHT CONVERSION

QNH	(QFE)
2150'	(664' - 200m)
4440'	(2954' - 900m)

Gnd speed-KT	75	100	150	200	250	300
4.4% (V/V) fpm	334	446	668	891	1114	1337

URMT/STW
SHPAKOVSKOYE

11 NOV 11

10-3F

Eff 17 Nov

STAVROPOL, RUSSIA

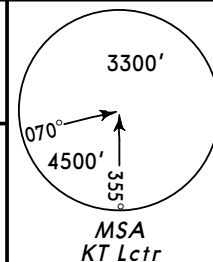
SID

Apt Elev
1486'

QNH on request **(QFE)**

Trans level: FL60 Trans alt: 4440' **(3006')**

Take-off to be carried out using noise abatement procedures for the area according to Flight Manual.



PELIR 3A

PELIR 3B, PELIR 3V

BY ATC

RWY 25 DEPARTURES

N45 05.6 E042 01.4
At or above
2420' (**986'**)
but not before
3.2 NM from THR07

730 KT

N45 07.3 E042 10.8

Turn LEFT at
1930'
(496')

25
PELIR 3A
(Climb gradient 4.4%)

SIVER
N44 49.5 E042 25.5
Between
FL70 & FL150

PELIR
N44 45.0 E042 29.9

- 1** LEFT turn to SIVER within a maximum distance from THR07 of 3.8 NM. If unable to comply turn RIGHT.
- 2** 245° from ARP between 4.3 NM and 10.8 NM do not fly south below 9030'.

ALT/HEIGHT CONVERSION

QNH (QFE)

1930' (496' - 150m)

2420' (986' - 300m)

4440' (3006' - 900m)

Gnd speed-KT	75	100	150	200	250	300
4.4% 267' per NM	334	446	668	891	1114	1337

URMT/STW
SHPAKOVSKOYE

JEPPESEN

17 SEP 10

10-4

Eff 23 Sep

STAVROPOL, RUSSIA
NOISE**NOISE ABATEMENT****DEPARTURES****GENERAL**

Noise abatement procedures shall not be carried out at the expense of reduction of flight safety and in case of engine failure during take-off.

TAKE-OFF AND CLIMBING PHASE

All aircraft shall carry out take-off according to the following parameters:

- | | |
|--------------------------------|---|
| Take-off to 2800' (1314') | - retract landing gear retraction; |
| | - climb with constant speed of $V_2 + 10KT$; |
| | - wing devices in take-off position; |
| 2800' (1314') to 2970' (1484') | - throttle back engines to minimum safe power, which provides climbing of 3-4m/sec; |
| at or above 4770' (3284') | - change to normal flight profile; |
| | - terminate noise restrictions. |

RESTRICTIONS

Aircraft take-off with tail-wind subject to friction coefficient is allowed when specified that direction is optimal for noise abatement over the city, or when take-off into wind does not provide safety, or when take-off in specified direction is prohibited. In this case tail-wind component shall comply with that established by the aeroplane flight manual for specified aircraft type.

TAKE-OFF ON HEADING 250°

Towards SIVER: after climbing to 1930' (496') the aircraft shall turn LEFT, 122° track to SIVER, climbing to assigned FL.

Towards BUDAR: after climbing to 1930' (496') the aircraft shall turn LEFT, 140° track to BUDAR, climbing to assigned FL.

Proceeding to SIVER by making a LEFT turn (CAT A&B aircraft only) shall be carried out under mandatory radar control not later than 3.8 NM from THR07. If unable to comply, join track towards SIVER by making a RIGHT turn.

To join enroute structure: after climbing to 2420' (986') or above the aircraft shall turn RIGHT at 3.2 NM from THR07 and proceed towards PETUM, SIVER, BUDAR, NETMI and PARAT according to the departure pattern, climbing to assigned FL.

TAKE-OFF ON HEADING 070°

Towards SIVER: after climbing to 2150' (664') the aircraft shall turn RIGHT, 149° track to SIVER, climbing to assigned FL.

Towards BUDAR: after climbing to 2150' (664') the aircraft shall turn RIGHT, 170° track to BUDAR, climbing to assigned FL.

The minimum indicated air speed during steady climb shall not be less than $V_2 + 10KT$ or less than that prescribed by the aeroplane flight manual, if above.

The maintenance of the minimum indicated air speed during climb is not required if it causes the exceeding of minimum admissible angle of attack.

The reduction of engine power shall not be applied until the take-off path provides overflying of all obstacles located under flight path with sufficient clearance, both, when all engines are operating normal, and also when taking into account possible engine failure and the time period necessary for gaining full power of the engines remaining.

URMT/STW

Apt Elev **1486'**
N45 06.5 E042 06.8

JEPPESEN

27 APR 12 (10-9) Eff 3 May

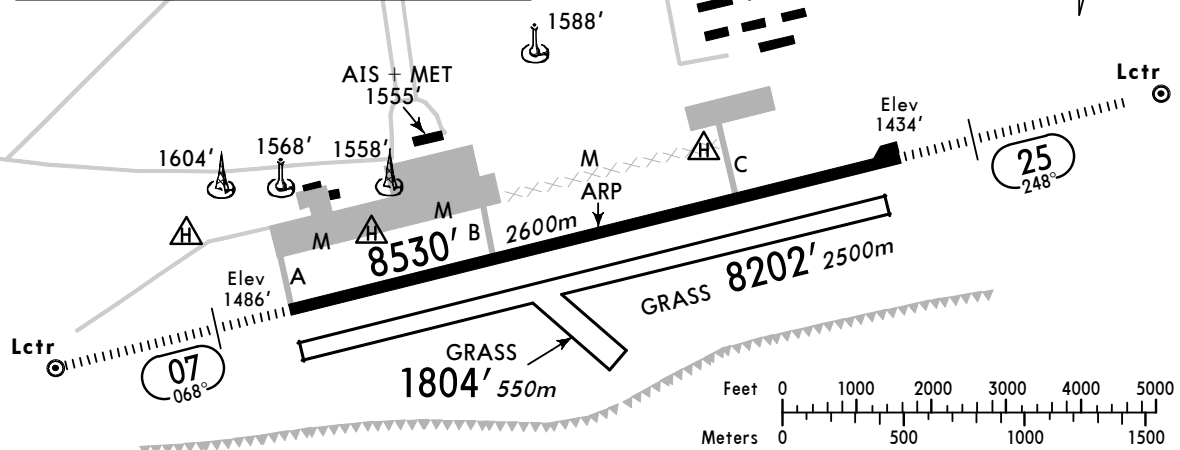
STAVROPOL, RUSSIA

SHPAKOVSKOYE

STAVROPOL Tower (GND/TWR)

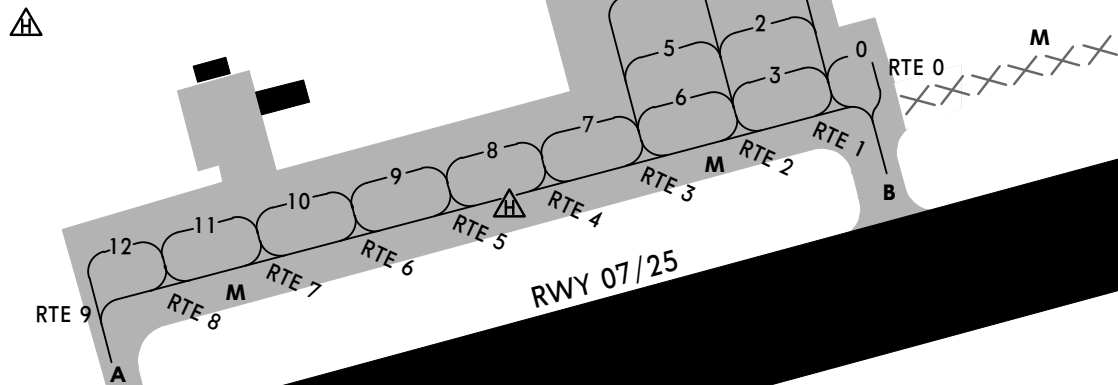
120.9 124.0

Taxiing along twy A and B strictly along twy centerline at minimum speed. Taxiing of acft with 4 pylon - mounted engines shall be carried out under inner engines power. Twy C is not available for civil acft. Birds in vicinity of airport.



NOT TO SCALE

Taxiing into stands 2 thru 6 and 8 thru 12 shall be carried out under own engines power. Stands 8 thru 11 available for helicopters.



ADDITIONAL RUNWAY INFORMATION

RWY						USABLE LENGTHS		TAKE-OFF	WIDTH
						Threshold	Glide Slope		
07 25	RL (60m)	HIALS	PAPI-L (angle 3.17°)	RVR		7546' 2300m		157' 48m	
	RL (60m)	HIALS	PAPI-L (angle 2.67°)	RVR		7874' 2400m			
07 25	Grass runway							262' 80m	
	Grass runway							328' 100m	

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

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

URMT/STW


JEPPESEN
 11 NOV 11 **10-9S**

Eff 17 Nov

STAVROPOL, RUSSIA
SHPAKOVSKOYE
Standard

STRAIGHT-IN RWY		A	B	C	D
07	ILS	1686' (200')	1686' (200')	1686' (200')	1686' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ①	1850' (364')	1850' (364')	1850' (364')	1850' (364')
25	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
		R1500m	R1500m	R1700m	R1700m
	ILS	1634' (200')	1634' (200')	1634' (200')	1634' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ①	1790' (356')	1790' (356')	1790' (356')	1790' (356')
		R1000m	R1000m	R1200m	R1200m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m

① Continuous Descent Final Approach.

TAKE-OFF RWY 07, 25

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		

URMT/STW


JEPPESEN
 11 NOV 11 **10-9X** Eff 17 Nov
JAA MINIMUMS**STAVROPOL, RUSSIA**
SHPAKOVSKOYE

STRAIGHT-IN RWY		A	B	C	D
07	ILS	1686' (200')	1686' (200')	1686' (200')	1686' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB	1850' (364')	1850' (364')	1850' (364')	1850' (364')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
25	ILS	1634' (200')	1634' (200')	1634' (200')	1634' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB	1740' (306')	1740' (306')	1740' (306')	1740' (306')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m

TAKE-OFF RWY 07, 25

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		

URMT/STW SHPAKOVSKOYE

JEPPESEN

27 APR 12
Eff 3 May 11-1

STAVROPOL, RUSSIA ILS or 02 NDB Rwy 07

BRIEFING STRIP

DATE AND TIME

STAVROPOL Approach (APP/SRE)		STAVROPOL Tower		Ground
120.3 124.0		120.9 124.0		120.9
LOC IOP *110.5	Final Apch Crs 068°	GS LOM 2241' (755')	ILS DA(H) 1686' (200')	Apt Elev 1486' RWY1486'
NDB OP 730		Minimum Alt 5.2 NM RDP 3130' (1644')	NDB MDA(H) 1850' (364')	
MISSED APCH: Climb on 068° to 2150' (664'), then turn LEFT onto 248° climbing to 3460' (1974'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4440' (2954') 1. Turbulence with downdrafts and windshear may be expected on final in the vicinity of base turn. 2. Ground proximity warning system may be brought into operation between LOM and LMM due to abrupt change of relief.				

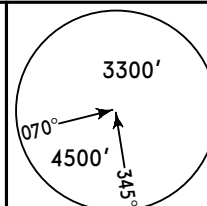
3300'

070°

4500'

345°

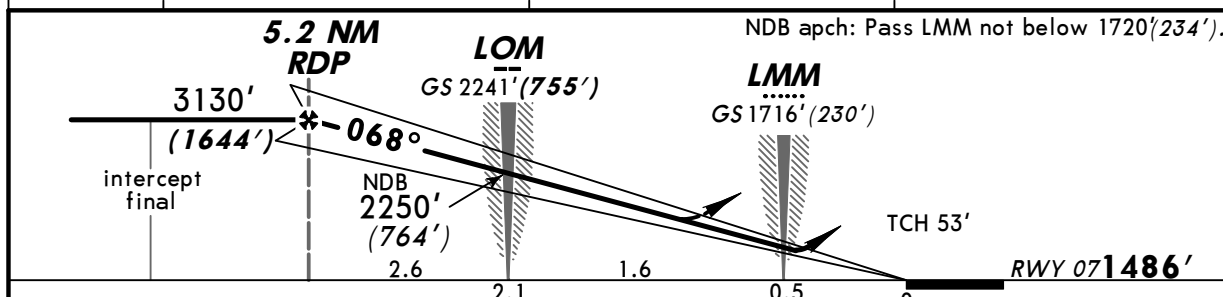
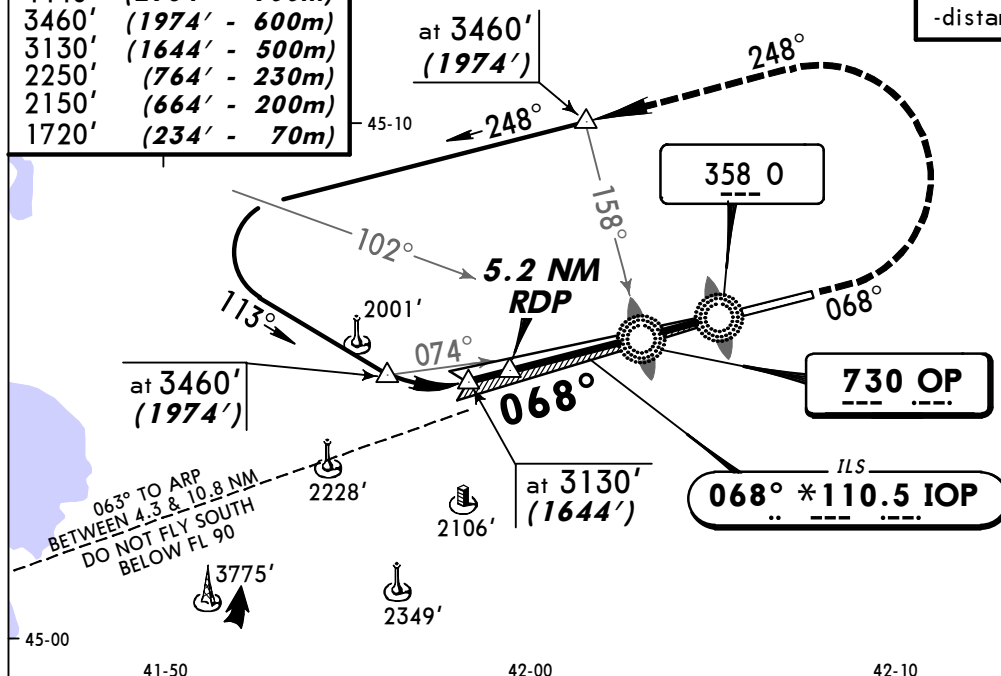
MSA
OP NDB



ALT/HEIGHT CONVERSION QNH (QFE)	
4440'	(2954' - 900m)
3460'	(1974' - 600m)
3130'	(1644' - 500m)
2250'	(764' - 230m)
2150'	(664' - 200m)
1720'	(234' - 70m)

02 NDB apch shall be under radar control.

RDP (Radar descent point)
-will be allocated by
Radar Controller
-distance to station



Gnd speed-Kts	70	90	100	120	140	160	HIALS	2150' (664') on 068°	248°	3460' (1974')
ILS GS or NDB Desc Angle 3.17°	393	505	561	673	785	897	PAPI		LT	

STRAIGHT-IN LANDING RWY 07						
ILS DA(H) 1686'(200')		LOC (GS out)	NDB MDA(H) 1850'(364')			
FULL	ALS out			ALS out		
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	
B						
C						
D				RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	

PANS OPS

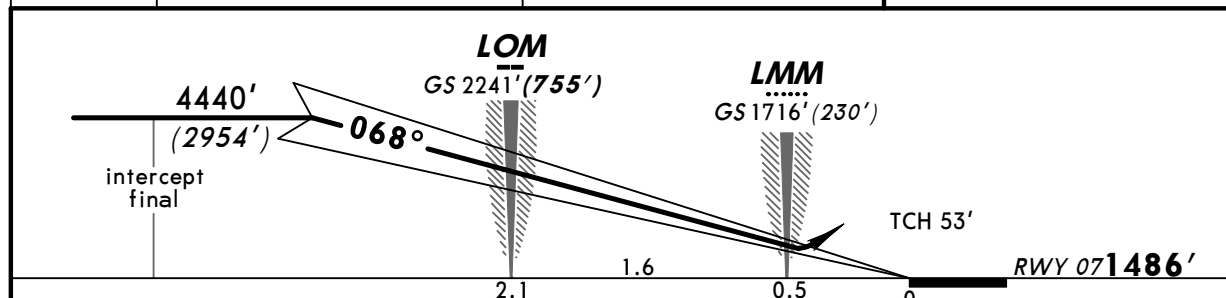
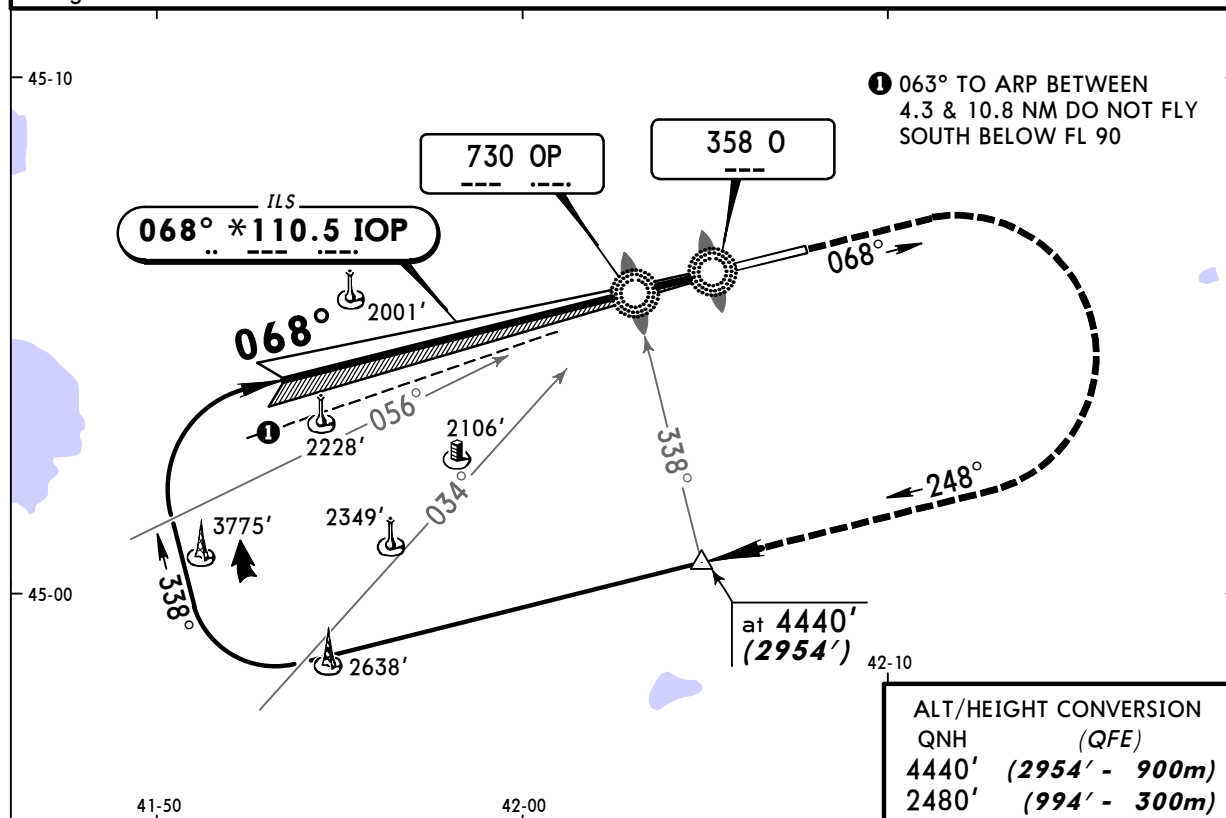
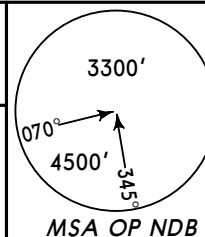
URMT/STW SHPAKOVSKOYE

JEPPESEN
27 APR 12 (11-2) Eff 3 May

STAVROPOL, RUSSIA by ATC ILS Rwy 07

BRIEFING STRIP

STAVROPOL Approach (APP/SRE)		STAVROPOL Tower		Ground
120.3	124.0	120.9	124.0	120.9
LOC IOP *110.5	Final Apch Crs 068°	GS LOM 2241'(755')	ILS DA(H) 1686'(200')	Apt Elev 1486' RWY1486'
MISSED APCH: Climb on 068° to 2480' (994'), then turn RIGHT onto 248° climbing to 4440' (2954'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 Trans alt: 4440' (2954') 1. Turbulence with downdrafts and windshear may be expected on final in the vicinity of base turn. 2. Ground proximity warning system may be brought into operation between LOM and LMM due to abrupt change of relief.				



Gnd speed-Kts	70	90	100	120	140	160	HIALS	2480' (994')	068°	248°	4440' (2954')
GS	3.17°	393	505	561	673	785	897	PAPI	on	RT	↑

STRAIGHT-IN LANDING RWY 07							
ILS		LOC (GS out)					
DA(H) 1686'(200')							
FULL	ALS out						
A							
B							
C	RVR 720m VIS 800m	1200m		NOT AUTHORIZED			
D							

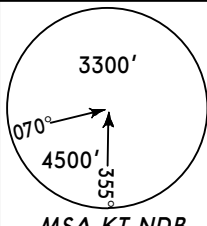
PANS OPS

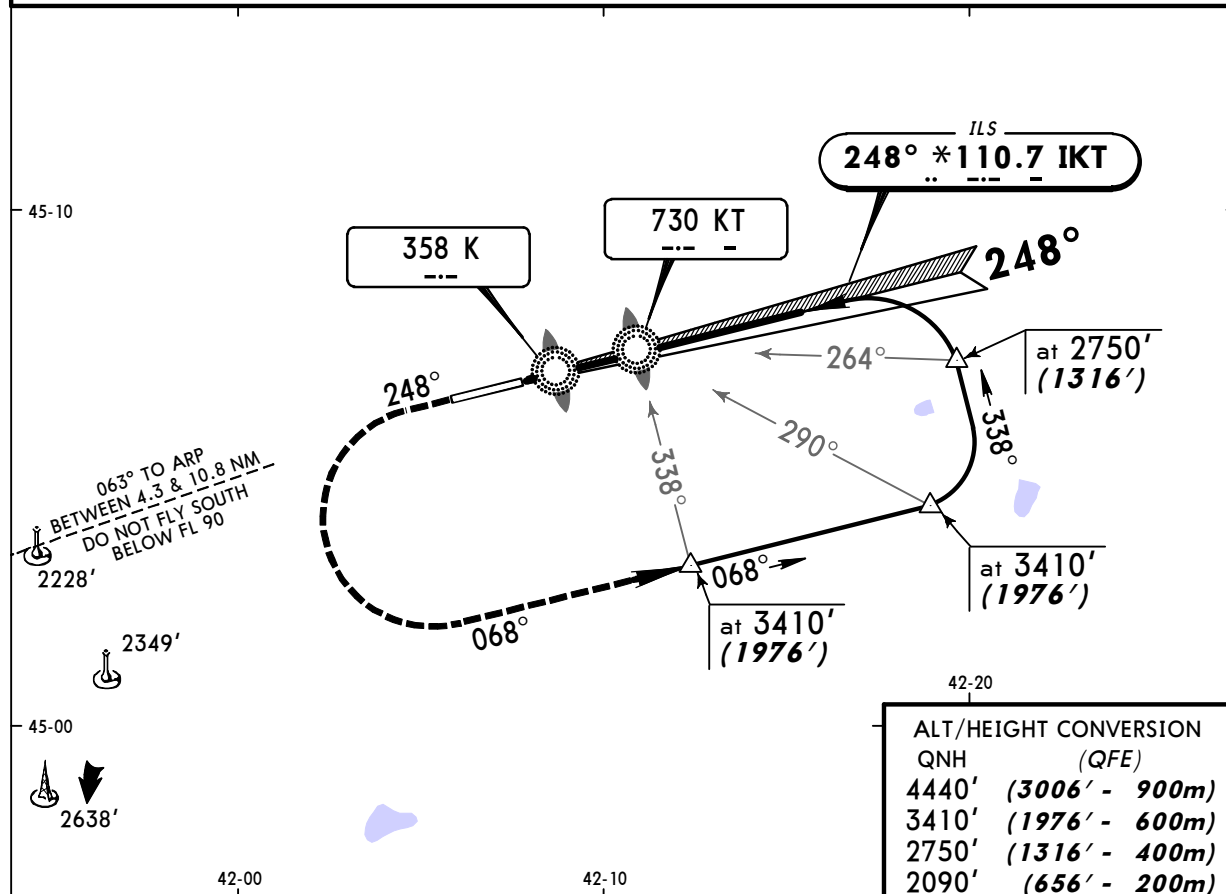
URMT/STW SHPAKOVSKOYE

JEPPESEN
27 APR 12 (11-4) Eff 3 May

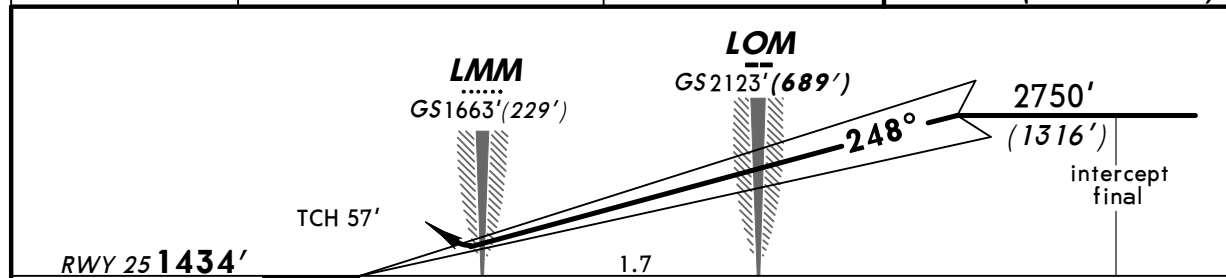
STAVROPOL, RUSSIA by ATC ILS Rwy 25

BRIEFING STRIP

STAVROPOL Approach (APP/SRE)		STAVROPOL Tower		Ground
120.3	124.0	120.9	124.0	120.9
LOC IKT *110.7	Final Apch Crs 248°	GS LOM 2123'(689')	ILS DA(H) 1634'(200')	Apt Elev 1486' RWY1434'
MISSED APCH: Climb on 248° to 2090'(656'), then turn LEFT onto 068° climbing to 3410'(1976'), then according to chart.				 MSA KT NDB
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 60
				Trans alt: 4440'(3006')



ALT/HEIGHT CONVERSION	
QNH	(QFE)
4440'	(3006' - 900m)
3410'	(1976' - 600m)
2750'	(1316' - 400m)
2090'	(656' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS	2090' (656')	248°	068°	3410' (1976')
GS	2.67°	331	425	472	567	661	756	PAPI	on	LT	↑

STRAIGHT-IN LANDING RWY 25			
ILS		LOC (GS out)	
DA(H) 1634'(200')			
FULL	ALS out		
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

PANS OPS