

List of pages in this Trip Kit

Trip Kit Index

Airport Information For URWA

Terminal Charts For URWA

Revision Letter For Cycle 13-2016

Change Notices

Notebook

General Information

Location: ASTRAKHAN RUS
ICAO/IATA: URWA / ASF
Lat/Long: N46° 17.00', E048° 00.38'
Elevation: -62 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -4:00 = UTC
Magnetic Variation: 8.0° E

Fuel Types: Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0055 Z
Sunset: 1643 Z

Runway Information

Runway: 09
Length x Width: 10499 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: -72 ft
Lighting: Edge, ALS

Runway: 11
Length x Width: 6398 ft x 328 ft
Surface Type: grass
TDZ-Elev: -72 ft

Runway: 27
Length x Width: 10499 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: -70 ft
Lighting: Edge, ALS

Runway: 29
Length x Width: 6398 ft x 328 ft
Surface Type: grass
TDZ-Elev: -79 ft

Communication Information

ATIS: 131.500 Non-English

ATIS: 125.625

Astrakhan Tower: 118.600

Astrakhan Tower: 129.000 Secondary

Astrakhan Ground Ramp/Taxi: 129.000

Astrakhan Approach: 129.000 Secondary

Astrakhan Approach: 126.000

Astrakhan Krug Radar: 120.600

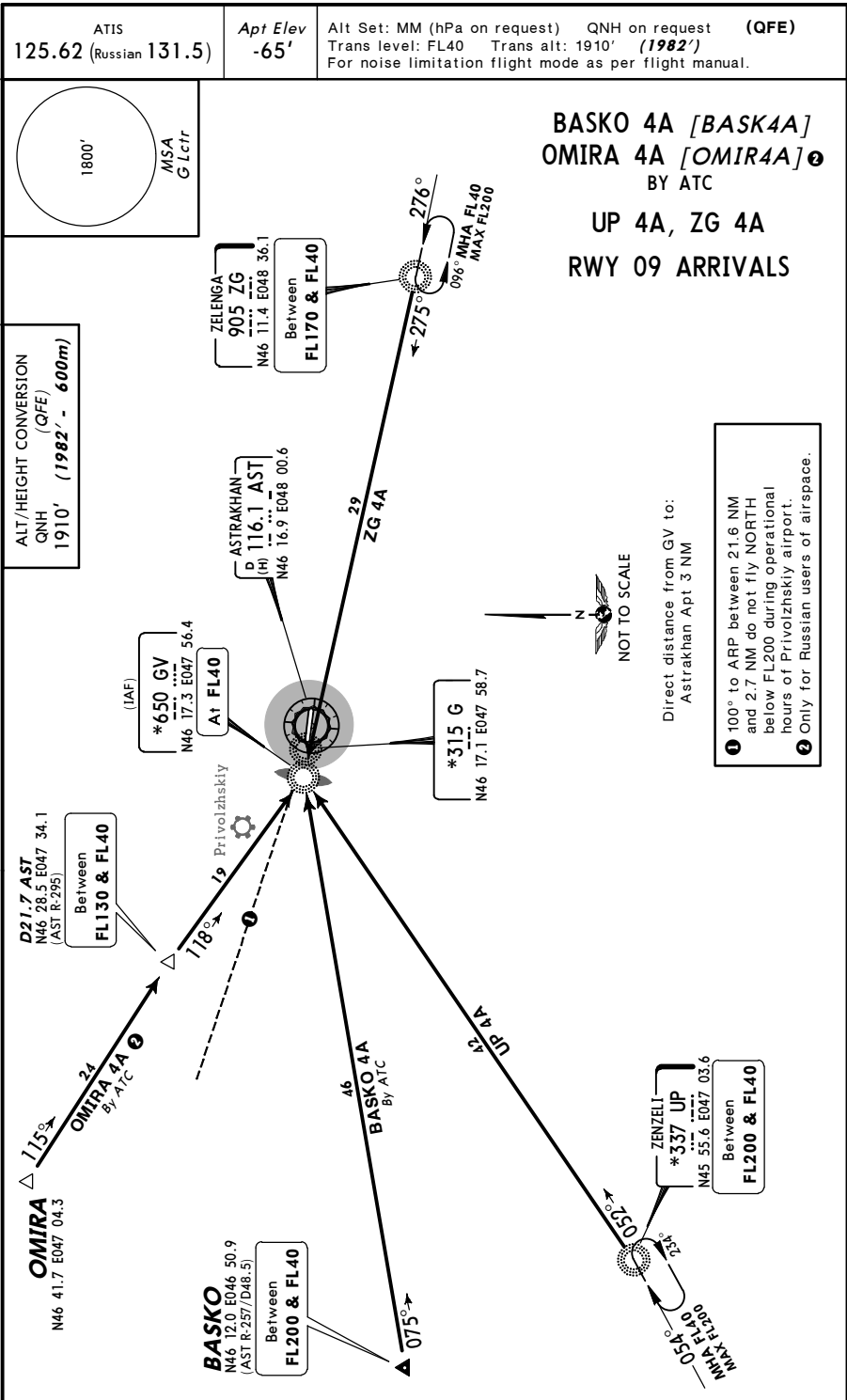
Astrakhan Krug Radar: 129.000 Secondary VHF-Df

© JEPPESEN, 2010, 2013. ALL RIGHTS RESERVED.

URWA/ASF
ASTRAKHAN

JEPPESSEN
19 JUL 13 (10-2A) Eff 25 Jul

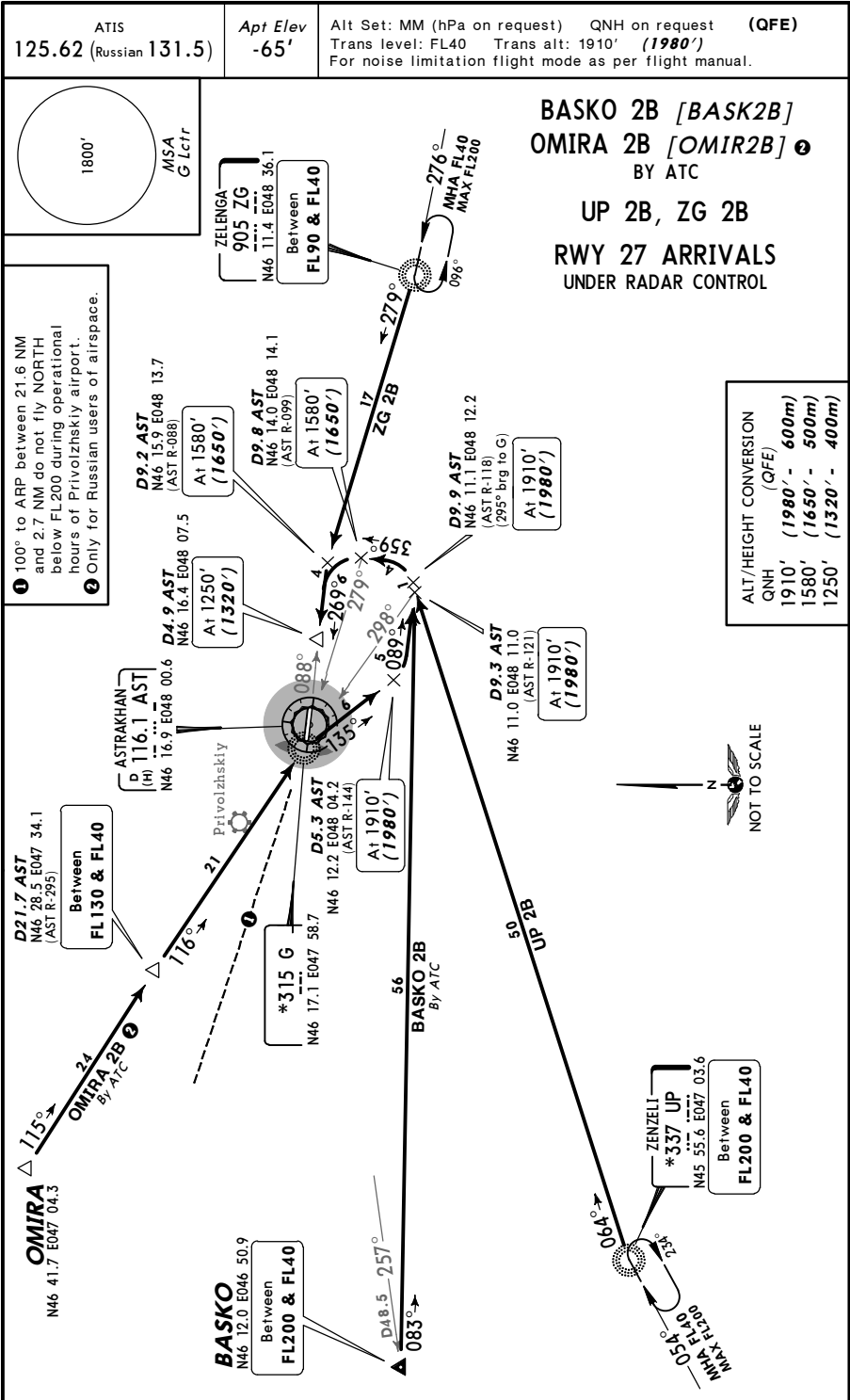
ASTRAKHAN, RUSSIA
STAR



URWA/ASF
ASTRAKHAN

JEPPESSEN
19 JUL 13 (10-2B) Eff 25 Jul

ASTRAKHAN, RUSSIA
STAR

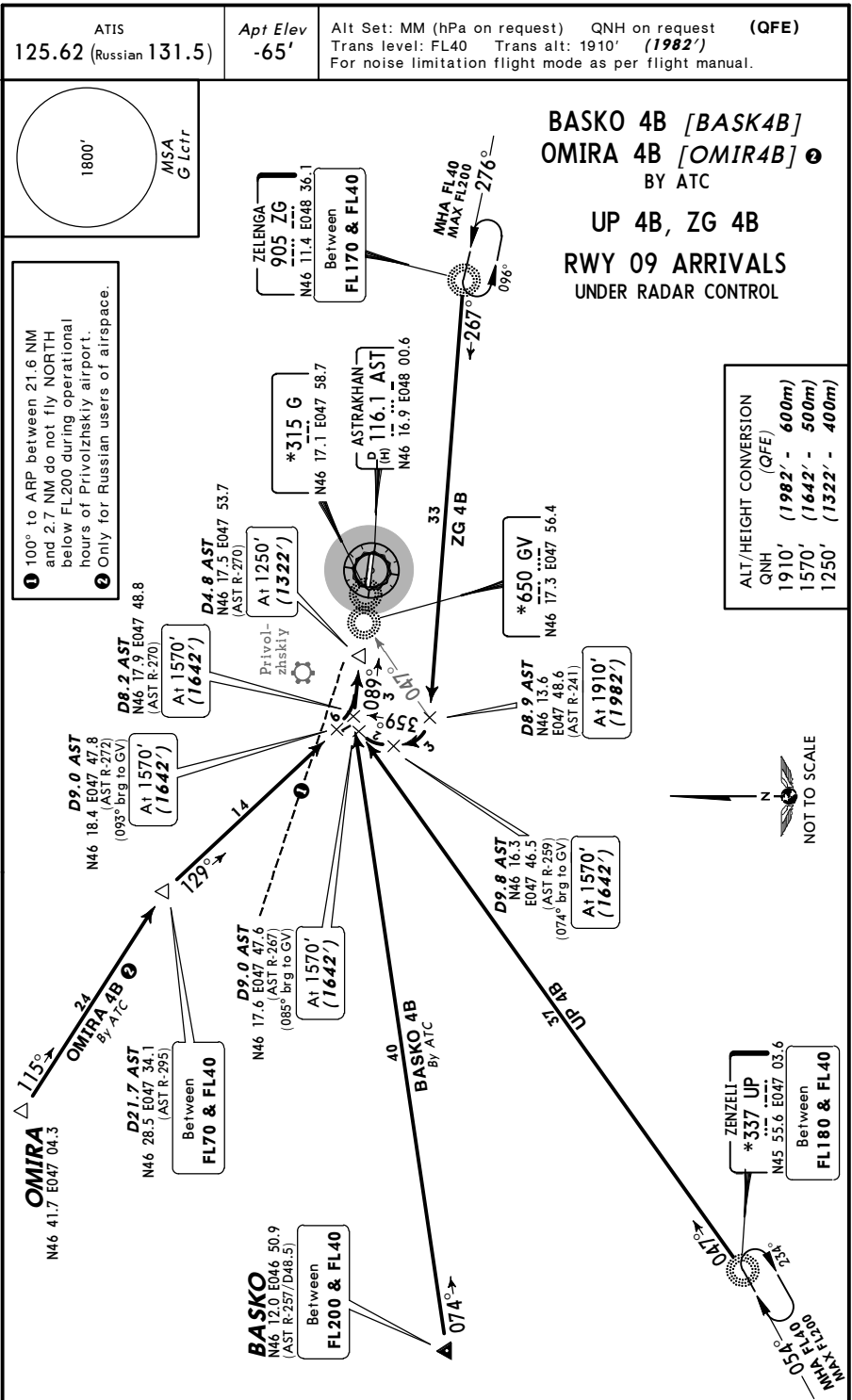


URWA/ASF
ASTRAKHAN

JEPPESSEN
19 JUL 13 (10-2C)

Eff 25 Jul

ASTRAKHAN, RUSSIA
STAR



URWA/ASF
ASTRAKHAN

JEPPesen
18 MAY 12 (10-2D) Eff 31 May

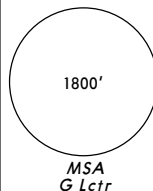
ASTRAKHAN, RUSSIA
STAR

ATIS
125.62 (Russian 131.5)

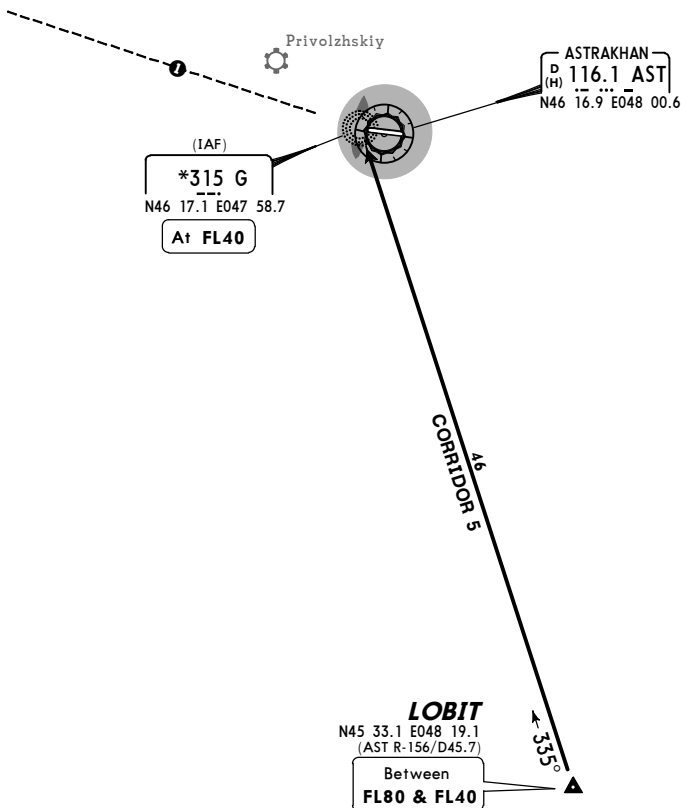
Apt Elev
-65'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt (hgt): 1910' (1980')
For noise limitation flight mode as per flight manual.

LOBIT 2A [LOBI2A]
RWY 27 ARRIVAL
FOR FLIGHTS FROM OIL RIG (PLATFORM) ONLY
FOR RUSSIAN USERS ONLY



1 100° to ARP between 21.6 NM and 2.7 NM
do not fly north below FL170 during
operational hours of Privolzhskiy airport.



ALT/HEIGHT CONVERSION
QNH (QFE)
1910' (1980' - 600m)

URWA/ASF
ASTRAKHAN

JEPPesen
18 MAY 12 (10-2F) Eff 31 May

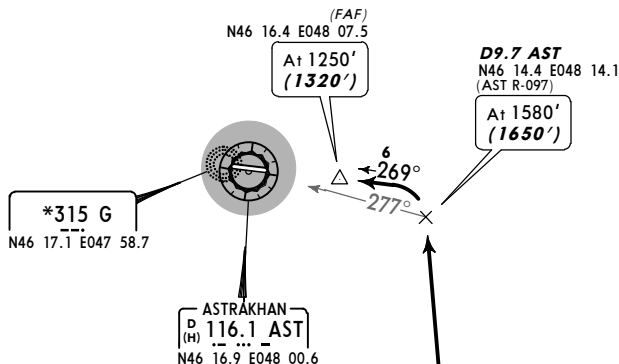
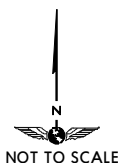
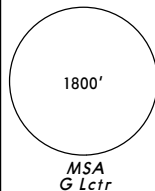
ASTRAKHAN, RUSSIA
STAR

ATIS
125.62 (Russian 131.5)

Apt Elev
-65'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt (hgt): 1910' (1980')
For noise limitation flight mode as per flight manual.

LOBIT 2B [LOBI2B]
RWY 27 ARRIVAL
UNDER RADAR CONTROL
FOR FLIGHTS FROM OIL RIG (PLATFORM) ONLY
FOR RUSSIAN USERS ONLY



Direct distance from
N46 16.4 E048 07.5 to:
Astrakhan Apt 5 NM

Arrival Data for ACFT MAX 160KT				
Point	Track	Dist	Coordinates	Brg (G)
LOBIT	347°	42	N46 15.2 E048 13.5	274°

ALT/HEIGHT CONVERSION
QNH (QFE)
1910' (1980' - 600m)
1580' (1650' - 500m)
1250' (1320' - 400m)

LOBIT
N45 33.1 E048 19.1
Between
FL80 & FL40

URWA/ASF
ASTRAKHAN

JEPPesen
18 MAY 12 (10-2G) Eff 31 May

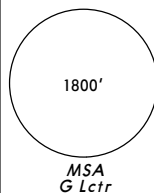
ASTRAKHAN, RUSSIA
STAR

ATIS
125.62 (Russian 131.5)

Apt Elev
-65'

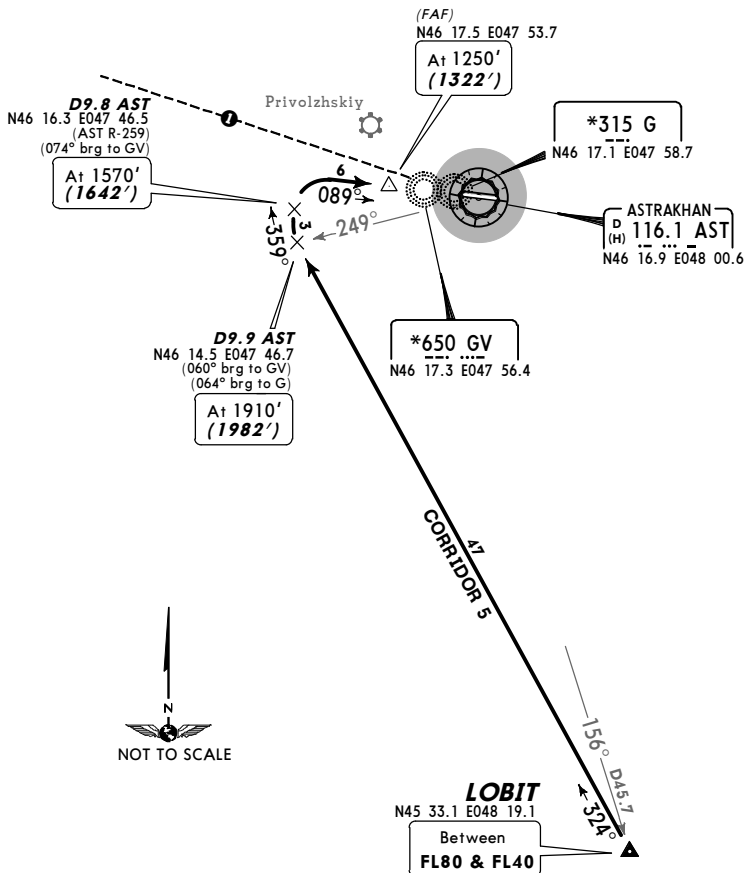
Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL40 Trans alt (hgt): 1910' (1982')
For noise limitation flight mode as per flight manual.

LOBIT 4B [LOBI4B]
RWY 09 ARRIVAL
UNDER RADAR CONTROL
FOR FLIGHTS FROM OIL RIG (PLATFORM) ONLY
FOR RUSSIAN USERS ONLY



① 100° to ARP between 21.6 NM and 2.7 NM do not fly north below FL170 during operational hours of Privolzhskiy airport.

Direct distance from
N46 17.5 E047 53.7 to:
Astrakhan Apt 5 NM



ALT/HEIGHT CONVERSION
QNH (QFE)
1910' (1982' - 600m)
1570' (1642' - 500m)
1250' (1322' - 400m)

Arrival Data for ACFT MAX 160KT				
Point	Track	Dist	Coordinates	Brg (GV/G)
LOBIT	327°	48	N46 17.8 E047 50.4	069°/073°
	359°	4	N46 17.0 E047 49.3	079°/080°

URWA/ASF
ASTRAKHAN

JEPPesen
19 JUL 13 (10-3)

Eff 25 Jul

ASTRAKHAN, RUSSIA

SID

Apt Elev
-65'

QNH on request (QFE)

Trans level: FL40 Trans alt: 1910' (1982')

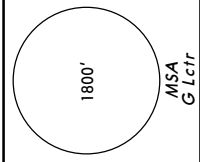
For noise limitation flight mode as per flight manual.

BASKO 1A [BASK1A]
OMIRA 1A [OMIR1A] 

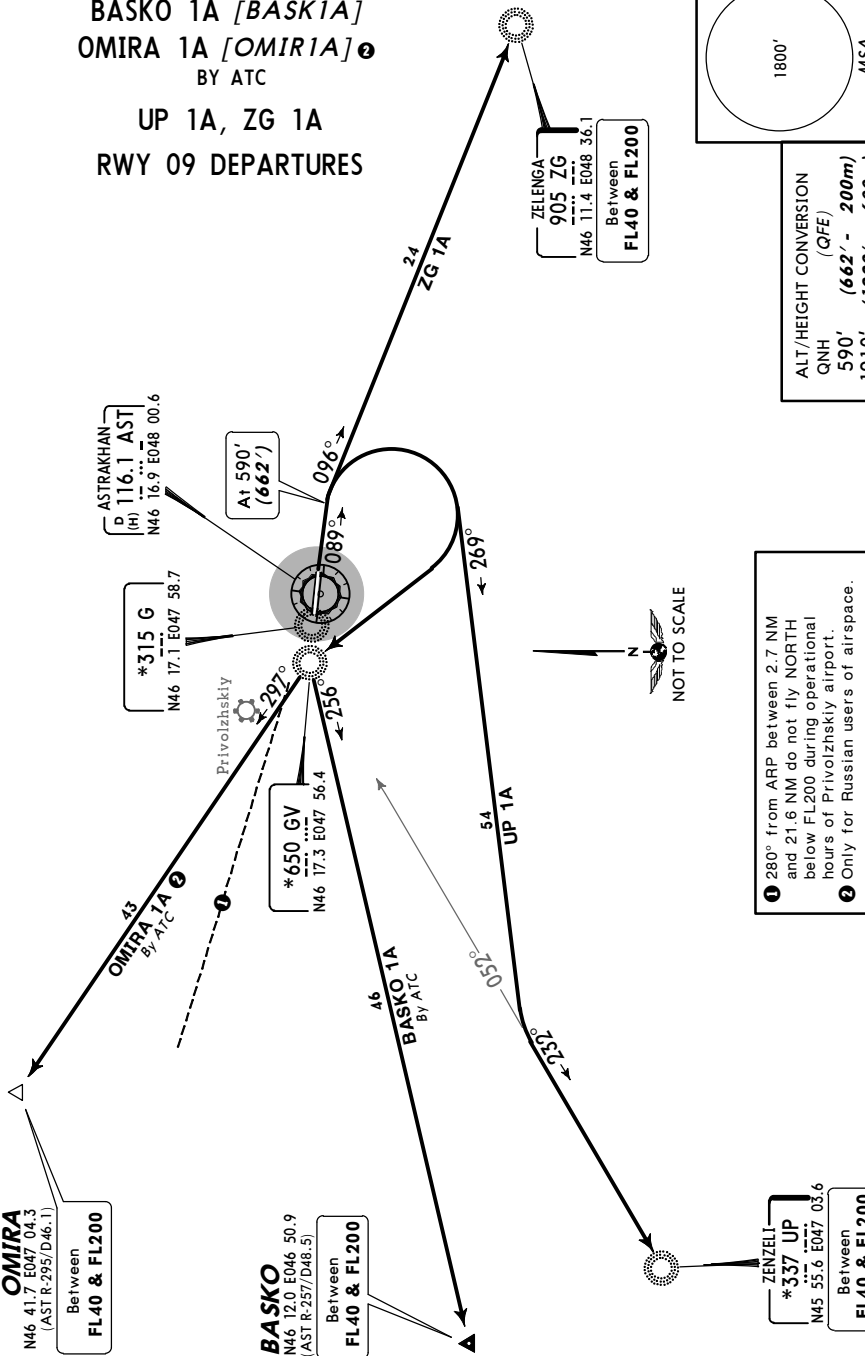
BY ATC

UP 1A, ZG 1A

RWY 09 DEPARTURES



ALT/HEIGHT CONVERSION
QNH (QFE)
590' (662' - 200m)
1910' (1982' - 600m)



1 280° from ARP between 2.7 NM and 21.6 NM do not fly NORTH below FL200 during operational hours of Privolzhskiy airport.
2 Only for Russian users of airspace.

OMIRA
N46 41.7 E047 04.3
(AST R-295/D46.1)
Between
FL40 & FL200

BASKO
N46 12.0 E046 30.9
(AST R-257/D48.5)
Between
FL40 & FL200

ZENZEL
*337 UP
N45 55.6 E047 03.6
Between
FL40 & FL200

URWA/ASF
ASTRAKHAN

JEPPESSEN
19 JUL 13 (10-3A) Eff 25 Jul

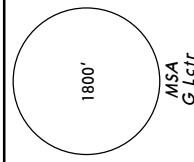
ASTRAKHAN, RUSSIA
SID

Apt Elev
-65'

QNH on request (QFE)
Trans level: FL40 Trans alt: 1910' (1980')
For noise limitation flight mode as per flight manual.

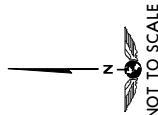
BASKO 3A [BASK3A]
OMIRA 3A [OMIR3A] ①
OMIRA 3B [OMIR3B] ①
BY ATC
UP 3A, ZG 3A
RWY 27 DEPARTURES

ZELENGA
905 ZG
N46 11.4 E048 36.1
Between
FL40 & FL200



ALT/HEIGHT CONVERSION
(QFE)
QNH 590' (660' - 200m)
1910' (1980' - 600m)

- 280° from ARP between 2.7 NM and 21.6 NM do not fly NORTH below FL200 during operational hours of Privolzhskiy airport.
- Only for Russian users of airspace.



OMIRA
N46 41.7 E047 04.3
(AST R-295/D46.1)
Between
FL40 & FL200

BASKO
N46 12.0 E046 50.9
(AST R-257/D48.5)
Between
FL40 & FL200

ZENZELI
*337 UP
N45 55.6 E047 03.6
Between
FL40 & FL200

URWA/ASF
ASTRAKHAN

JEPPesen
19 JUL 13 (10-3B) Eff 25 Jul

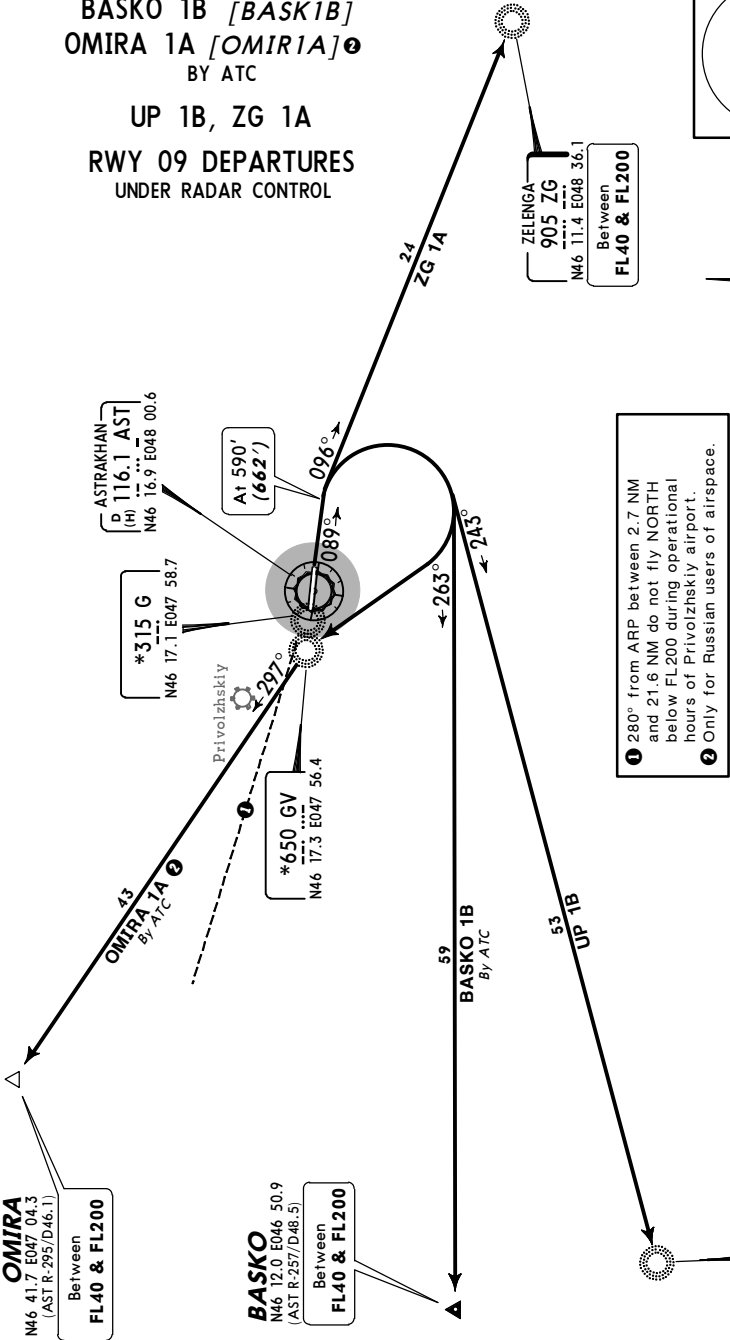
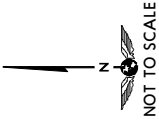
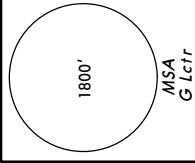
ASTRAKHAN, RUSSIA
SID

Apt Elev
-65'

QNH on request (QFE)
Trans level: FL40 Trans alt: 1910' (1982')
For noise limitation flight mode as per flight manual.

BASKO 1B [BASK1B]
OMIRA 1A [OMIR1A] 
BY ATC

UP 1B, ZG 1A
RWY 09 DEPARTURES
UNDER RADAR CONTROL



1 280° from ARP between 2.7 NM and 21.6 NM do not fly NORTH below FL200 during operational hours of Privolzhskiy airport.
2 Only for Russian users of airspace.

ALT/HEIGHT CONVERSION
QNH (QFE)
590' (662' - 200m)
1910' (1982' - 600m)

OMIRA
N46 41.7 E047 04.3
(AST R-295/D46.1)
Between
FL40 & FL200

BASKO
N46 12.0 E046 50.9
(AST R-257/D48.5)
Between
FL40 & FL200

ZENZELI
N45 55.6 E047 03.6
Between
FL40 & FL200

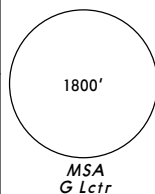
URWA/ASF
ASTRAKHAN

JEPPesen
18 MAY 12 (10-3D) Eff 31 May

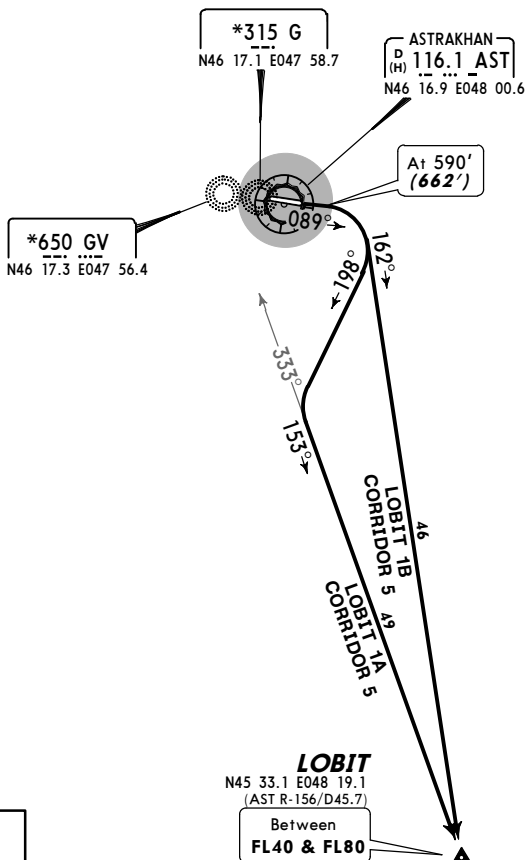
ASTRAKHAN, RUSSIA
SID

Apt Elev
-65'

QNH on request (QFE)
Trans level: FL40 Trans alt (hgt): 1910' (1982')
For noise limitation flight mode as per flight manual.



LOBIT 1A [LOB11A]
LOBIT 1B [LOB11B]
UNDER RADAR CONTROL
RWY 09 DEPARTURES
FOR FLIGHTS TO OIL RIG (PLATFORM) ONLY
FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION
QNH (QFE)
590' (662' - 200m)
1910' (1982' - 600m)

SID	ROUTING
LOBIT 1A	Climb straight ahead to 590' (662'), turn RIGHT, 198° track, intercept 153° bearing from GV to LOBIT.
LOBIT 1B	Climb straight ahead to 590' (662'), turn RIGHT, 162° track to LOBIT.

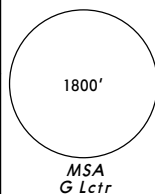
URWA/ASF
ASTRAKHAN

JEPPesen
18 MAY 12 (10-3E) Eff 31 May

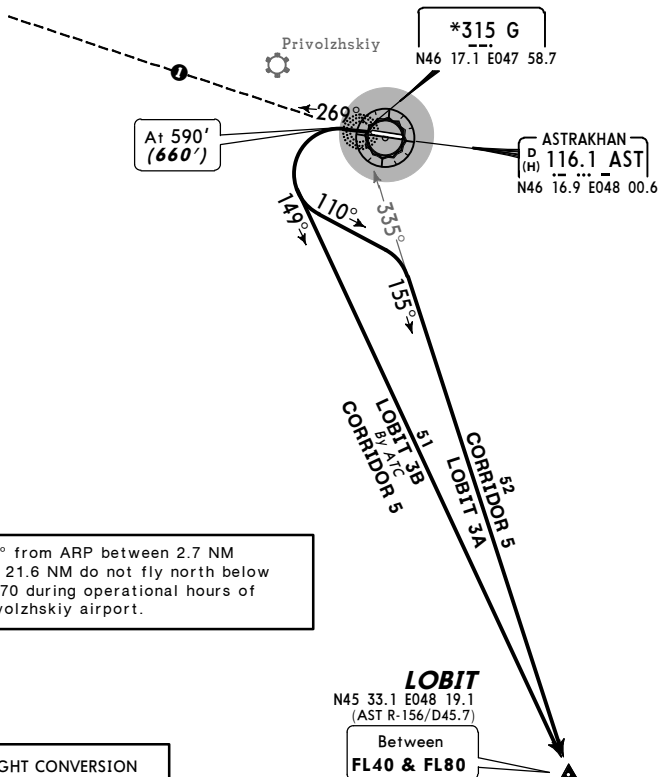
ASTRAKHAN, RUSSIA
SID

Apt Elev
-65'

QNH on request (QFE)
Trans level: FL40 Trans alt (hgt): 1910' (1980')
For noise limitation flight mode as per flight manual.



LOBIT 3A [LOBI3A]
LOBIT 3B [LOBI3B]
UNDER RADAR CONTROL
BY ATC
RWY 27 DEPARTURES
FOR FLIGHTS TO OIL RIG (PLATFORM) ONLY
FOR RUSSIAN USERS ONLY



① 280° from ARP between 2.7 NM and 21.6 NM do not fly north below FL170 during operational hours of Privolzhskiy airport.

ALT/HEIGHT CONVERSION
QNH (QFE)
590' (660' - 200m)
1910' (1980' - 600m)

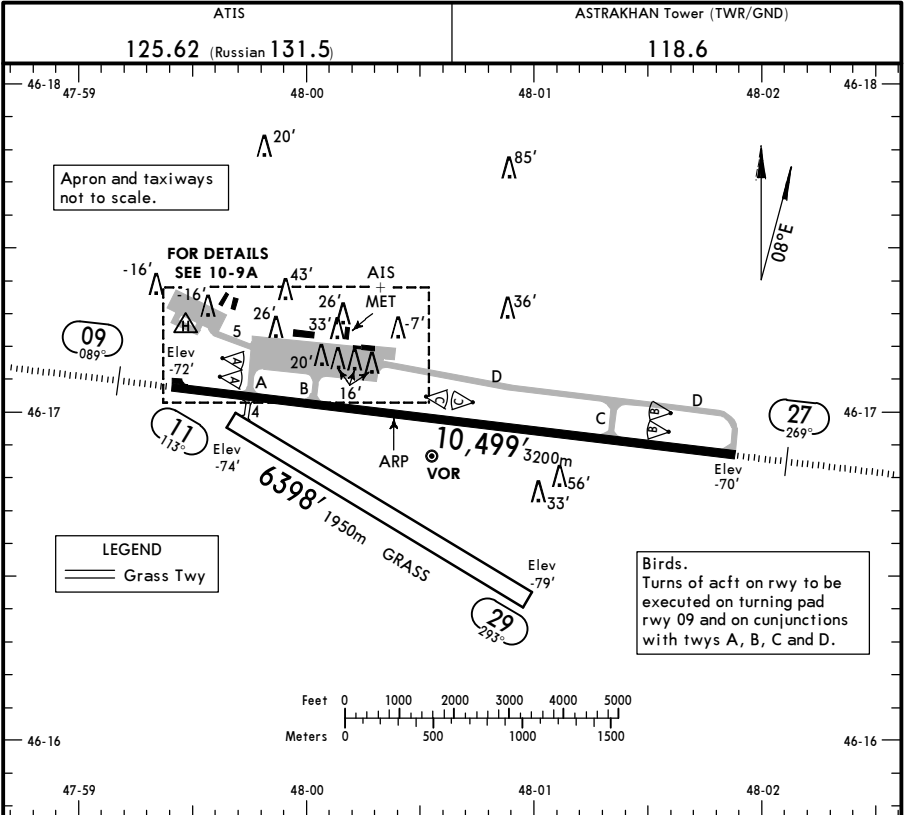
SID	ROUTING
LOBIT 3A	Climb straight ahead to 590' (660'), turn LEFT, 110° track, intercept 155° bearing from G to LOBIT.
LOBIT 3B	Climb straight ahead to 590' (660'), turn LEFT, 149° track to LOBIT.

URWA/ASF

Apt Elev **-65'** (BELOW SEA LEVEL)
N46 17.0 E048 00.4

JEPPesen
1 MAY 15 **(10-9)**

ASTRAKHAN, RUSSIA
ASTRAKHAN



ADDITIONAL RUNWAY INFORMATION						USABLE LENGTHS			
RWY					LANDING BEYOND		TAKE-OFF	WIDTH	
					Threshold	Glide Slope			
09	27	HIRL (58m)	HIALS	PAPI-L (angle 3.0°)	RVR		9588' 2922m	❶	148' 45m
11	29								328' 100m

1 TAKE-OFF RUN AVAILABLE

RWY 09:
From rwy head 10,499' (3200m)
twy A int 9058' (2761m)
twy B int 7867' (2398m)

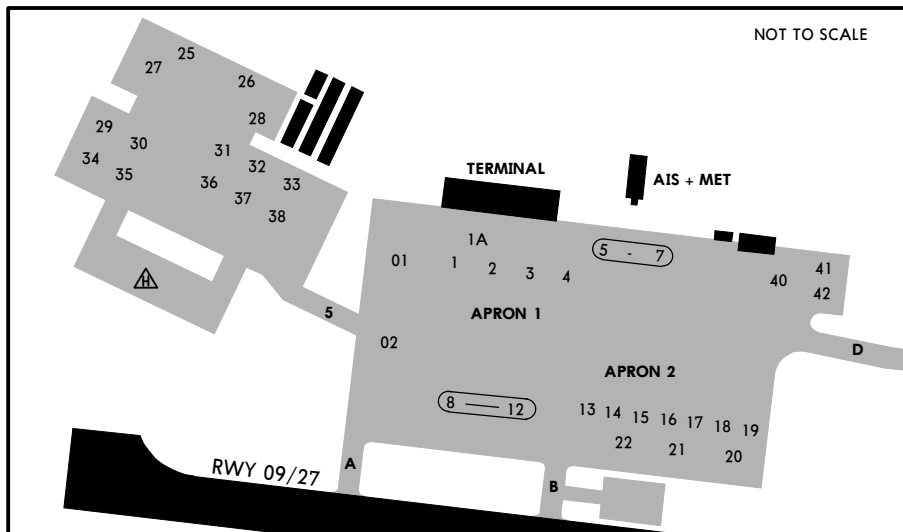
RWY 27:
From rwy head 10,499' (3200m)
twy C int 8202' (2500m)

TAKE-OFF		
AIR CARRIER (JAA)		
Rwy 09/27		
A	LVP must be in force	
	RCLM (DAY only) or RL	
	RCLM (DAY only) or RL	
	RCLM (DAY only) or RL	
B	250m	400m
C		
D	300m	

URWA/ASF

JEPPESSEN
1 MAY 15 (10-9A)

ASTRAKHAN, RUSSIA
ASTRAKHAN



Use of Twy 5 only by towing.
Exit stands 1 thru 7 by towing.
Taxiing and towing shall be carried out strictly along twy centerlines and guidlines on aprons at reduced speed.
Taxiing along Twy A with wingspan more than 138'/42m strictly along twy centerline at reduced speed.
Taxiing out from stand 1A shall be carried out at idle power and reduced speed.
Parking onto stands 20 thru 22 shall be carried out facing North.
Parking stands 01, 02, 1, 1A, 2 thru 8, 13 thru 19, 25 thru 38 and 40 thru 42 available for helicopters.

LOW VISIBILITY PROCEDURE

After landing, pilots must report vacaton of the runway not earlier than crossing the boundary of ILS critical area.
Taxiing along the manoeuvring area shall be carried out at reduced speed.
The responsibility for unauthorized entry into the runway and not maintaining the assigned taxi routes within the manoeuvring area shall be rested on the flight crew.

URWA/ASF



Standard
ASTRAKHAN, RUSSIA
ASTRAKHAN

STRAIGHT-IN RWY		A	B	C	D
09	ILS	128'(200')	128'(200')	128'(200')	128'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB ① ②	340'(412') R1200m	340'(412') R1200m	340'(412') R1200m	340'(412') R1200m
	ALS out	R1500m	R1500m	R1900m	R1900m
	2 NDB ③	660'(732') C2900m	660'(732') C2900m	660'(732') C3100m	660'(732') C3100m
	ALS out	C3600m	C3600m	C3800m	C3800m
	NDB ① ②	410'(482') R1500m	410'(482') R1500m	410'(482') R1500m	410'(482') R1500m
27	ILS	130'(200')	130'(200')	130'(200')	130'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB DME ① ②	410'(480') R1500m	410'(480') R1500m	410'(480') R1500m	410'(480') R1500m
	ALS out	R1500m	R1500m	C2200m	C2200m
	NDB DME ③	420'(490') R1700m	420'(490') R1700m	420'(490') R1900m	420'(490') R1900m
	ALS out	C2500m	C2500m	C2700m	C2700m
	NDB ① ②	410'(480') R1500m	410'(480') R1500m	410'(480') R1500m	410'(480') R1500m
	ALS out	R1500m	R1500m	C2200m	C2200m
	NDB ③	420'(490') R1700m	420'(490') R1700m	420'(490') R1900m	420'(490') R1900m
	ALS out	C2500m	C2500m	C2700m	C2700m

- ① Continuous Descent Final Approach.
- ② with FAF.
- ③ w/o FAF.

TAKE-OFF RWY 09, 27

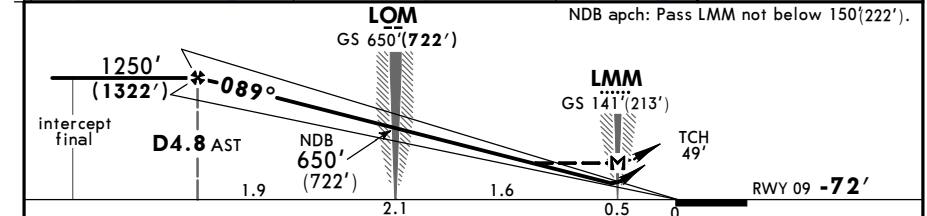
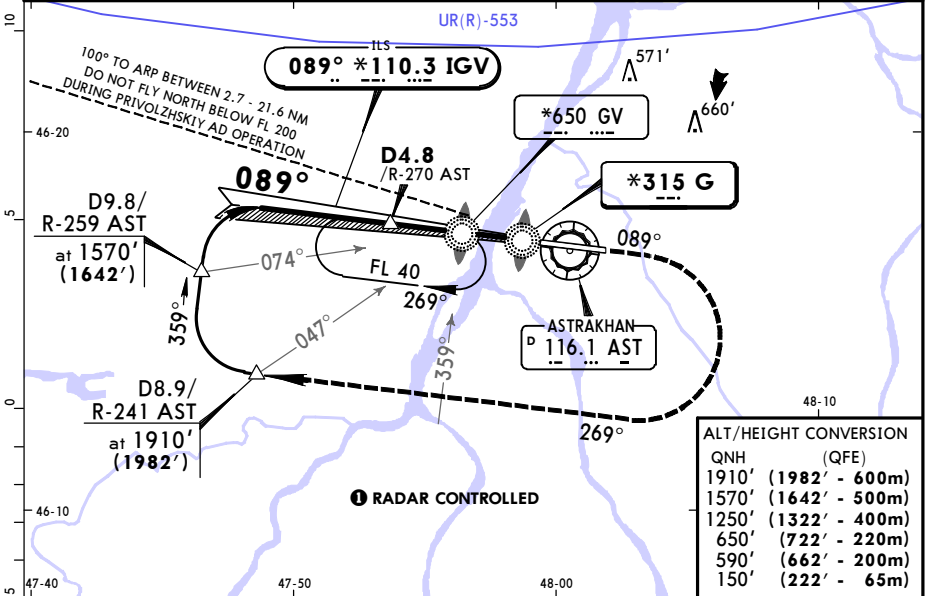
LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C	300m		
D			

URWA/ASF
ASTRAKHAN

JEPPesen
1 MAY 15 **11-1**

ASTRAKHAN, RUSSIA
● ILS or 2 NDB Rwy 09

ATIS		ASTRAKHAN Approach (APP/SRE)		ASTRAKHAN Krug (SRE)		ASTRAKHAN Tower (TWR/GND)		
125.62 (Russian 131.5)		126.0		120.6		118.6		
BRIEFING STRIP TM	LOC IGV *110.3	Final Apch Crs 089°	GS LOM 650'(722')	ILS DA(H) 128'(200')	Apt Elev -65' (BELOW SEA LEVEL) RWY -72'	1800' MSA G NDB		
	NDB G *315		Minimum Alt D4.8 AST 1250'(1322')	NDB MDA(H) (CONDITIONAL) 340'(412')				
	MISSED APCH: Climb on 089° to 590' (662'), then turn RIGHT onto 269° climbing to 1910' (1982'), then as directed.							
	Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 1910' (1982') Heavy turbulence with downdrafts and wind shear may be expected on final.							



Gnd speed-Kts	70	90	100	120	140	160	HIALS	590' (662') on 089°	269°	1910' (1982')
ILS GS or	372	478	531	637	743	849	PAPI		RT	
NDB Desc Angle	3.00°									
MAP at LMM										
STRAIGHT-IN LANDING RWY 09										
ILS DA(H) 128' (200')		LOC (GS out)	with FAF MDA(H) 340' (412')		w/o FAF MDA(H) 660' (732')					
FULL	ALS out		ALS out		ALS out					
A		NOT AUTH	1200m		1200m					
B					RVR 1500m VIS 1600m					
C	RVR 720m VIS 800m				2400m					
D			RVR 1500m VIS 1600m		3200m					

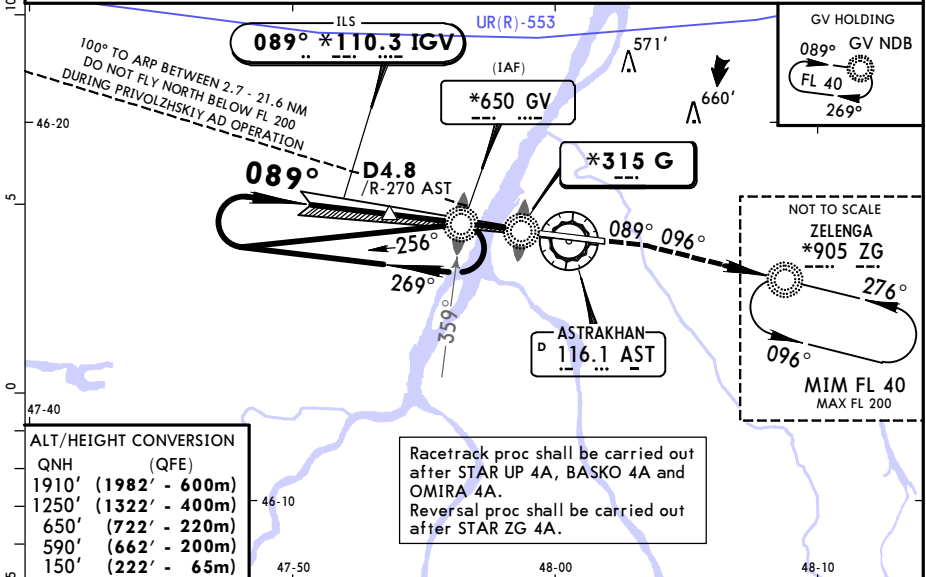
PANS OPS

URWA/ASF
ASTRAKHAN

JEPPesen
1 MAY 15 (11-3) CAT A & B

ASTRAKHAN, RUSSIA
ILS or 2 NDB Rwy 09

ATIS		ASTRAKHAN Approach (APP/SRE)		ASTRAKHAN Krug (SRE)		ASTRAKHAN Tower (TWR/GND)	
125.62 (Russian 131.5)		126.0		120.6		118.6	
LOC IGV *110.3	Final Apch Crs 089°	GS LOM 650'(722')	ILS DA(H) 128'(200')		Apt Elev -65' (BELOW SEA LEVEL) RWY -72'	1800' MSA G NDB	
NDB G *315		Minimum Alt D4.8 AST 1250'(1322')	NDB MDA(H) (CONDITIONAL) 340'(412')				
MISSED APCH: Climb on 089° to 590' (662') , then turn RIGHT to ZG NDB climbing to FL 40, or as directed.							
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40		Trans alt: 1910' (1982')	
Heavy turbulence with downdrafts and wind shear may be expected on final.							



ALT/HEIGHT CONVERSION		QNH (QFE)	
1910'	(1982' - 600m)	1250'	(1322' - 400m)
650'	(722' - 220m)	590'	(662' - 200m)
150'	(222' - 65m)		

Start turn at	1910'	2 1/2 Min (1982')
intercept final	1250' (1322')	
D4.8 AST	650' (722')	
NDB	650' (722')	
LOM	650' (722')	
LMM	650' (722')	
TCH	49'	
RWY	-72'	

Gnd speed-Kts	70	90	100	120	140	160	HIALS	590' (662') on 089°	FL 40	ZG 905
ILS GS or NDB Desc Angle	3.00°	372	478	531	637	753	849			
MAP at LMM										

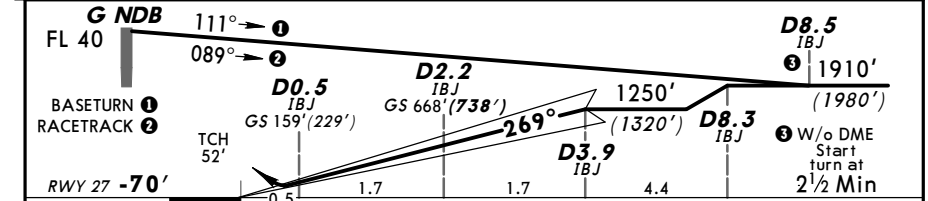
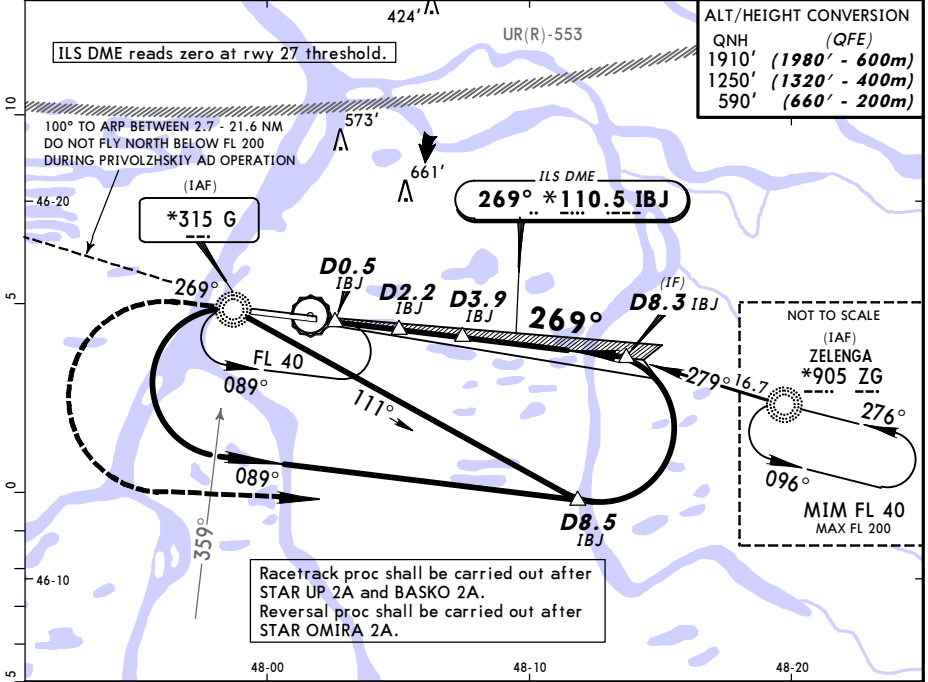
STRAIGHT-IN LANDING RWY 09									
ILS			LOC (GS out)	with FAF		w/o FAF			
DA(H) 128' (200')				MDA(H) 340' (412')		MDA(H) 660' (732')			
FULL				ALS out		ALS out			
A	RVR 720m		NOT AUTH	1200m	RVR 1500m	1200m	RVR 1500m		
B	VIS 800m	1200m			VIS 1600m		VIS 1600m		
C	see 11-2			see 11-2		see 11-2			
D									

URWA/ASF
ASTRAKHAN

JEPPesen
19 JUL 13
Eff 25 Jul
11-5
CAT C & D

ASTRAKHAN, RUSSIA
ILS DME Rwy 27

BRIEFING STRIP™	ATIS		ASTRAKHAN Approach (APP/SRE)		ASTRAKHAN Krug (SRE)		ASTRAKHAN Tower (TWR/GND)		1800' MSA G NDB	
	125.62 (Russian) 131.5		126.0		120.6		118.6			
	LOC IBJ		Final Apch Crs		GS D2.2 IBJ		ILS DA(H)			Apt Elev -65' (BELOW SEA LEVEL)
	*110.5		269°		668' (738')		130' (200')			RWY -70'
	MISSED APCH: Climb on 269° to 590' (660'), then turn LEFT to ZG NDB climbing to FL 40, or as directed.									
	Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 1910' (1980')									
Heavy turbulence with downdrafts and wind shear may be expected on final.										



Gnd speed-Kts	70	90	100	120	140	160	HIALS		590'	660' on	269°	FL 40	ZG 905
GS	3.00°	372	478	531	637	743	849	PAPI	↑			LT	

		STRAIGHT-IN LANDING RWY 27			
		ILS		LOC (GS out)	
		DA(H) 130'(200')			
		FULL	ALS out		
PANS OPS	A	see 11-6		NOT AUTHORIZED	
	B				
	C	RVR 720m	1200m		
	D	VIS 800m			

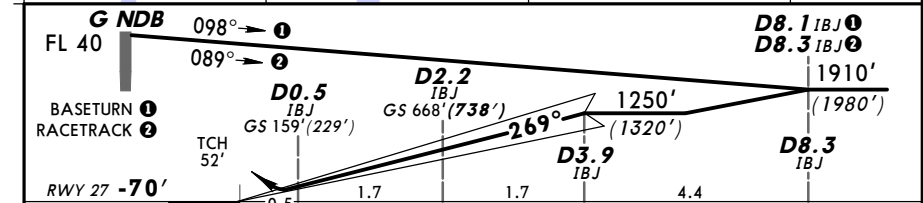
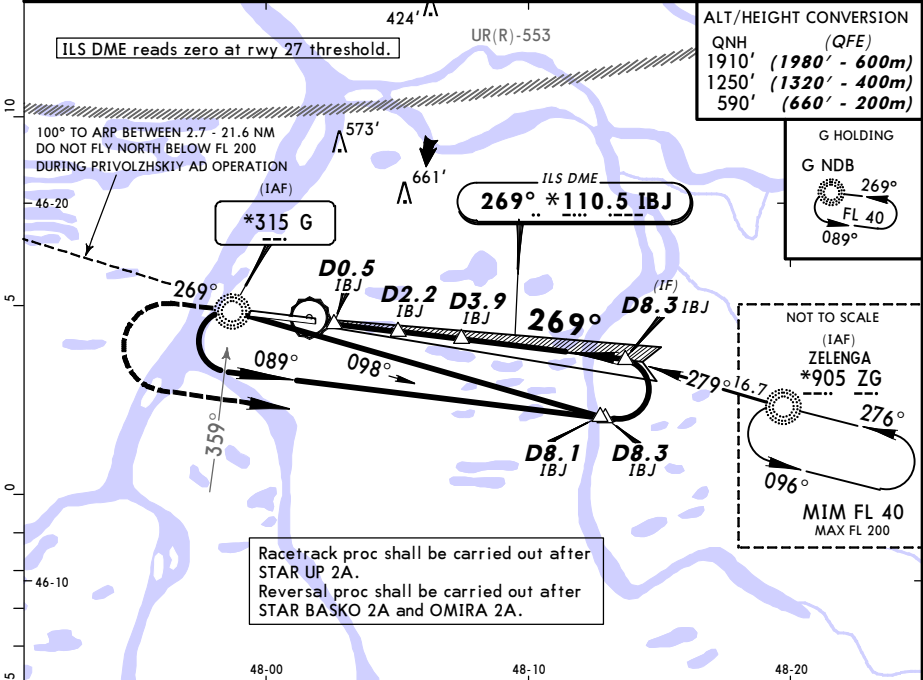
PANS OPS

URWA/ASF
ASTRAKHAN

JEPPESSEN
19 JUL 13
Eff 25 Jul
11-6 CAT A & B

ASTRAKHAN, RUSSIA
ILS DME Rwy 27

BRIEFING STRIP TM	ATIS		ASTRAKHAN Approach (APP/SRE)		ASTRAKHAN Krug (SRE)		ASTRAKHAN Tower (TWR/GND)		1800' MSA G NDB		
	125.62 (Russian 131.5)		126.0		120.6		118.6				
	LOC IBJ		Final Apch Crs		GS D2.2 IBJ		ILS DA(H)			Apt Elev -65' (BELOW SEA LEVEL)	
	*110.5		269°		668'(738')		130'(200')			RWY -70'	
	MISSED APCH: Climb on 269° to 590'(660'), then turn LEFT to ZG NDB climbing to FL 40, or as directed.										
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40		Trans alt: 1910' (1980')					
Heavy turbulence with downdrafts and wind shear may be expected on final.											



Gnd speed-Kts	70	90	100	120	140	160	HIALS	590'	660'	269°	FL 40	ZG 905
GS	3.00°	372	478	531	637	743	849	PAPI	↑		LT	

STRAIGHT-IN LANDING RWY 27			LOC (GS out)		
ILS DA(H) 130' (200')					
FULL		ALS out			
A	RVR 720m	1200m			
B	VIS 800m				
C	see 11-5		NOT AUTHORIZED		
D					

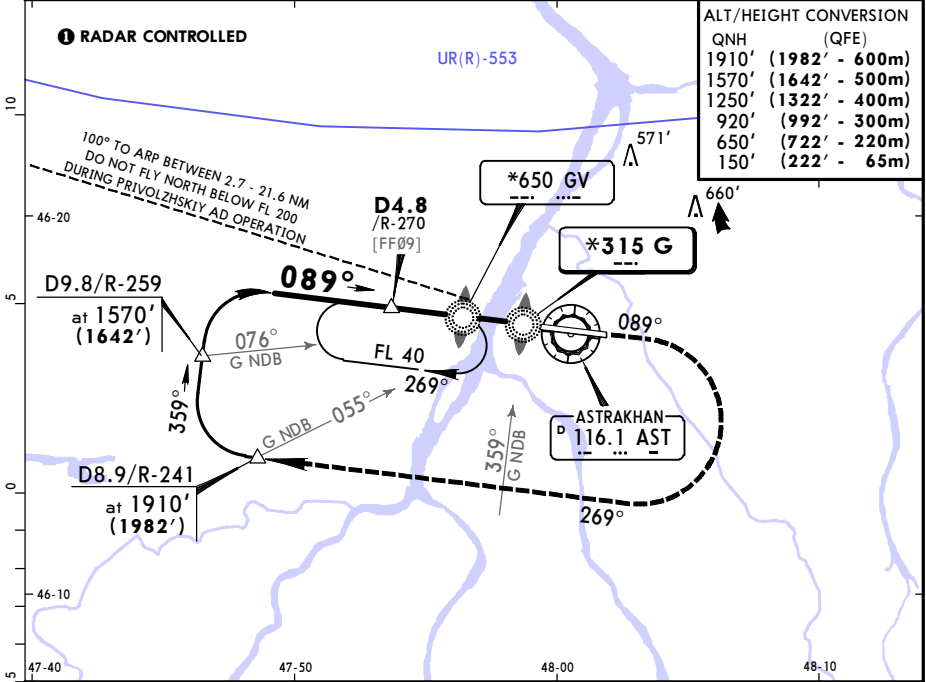
PANS OPS

URWA/ASF
ASTRAKHAN

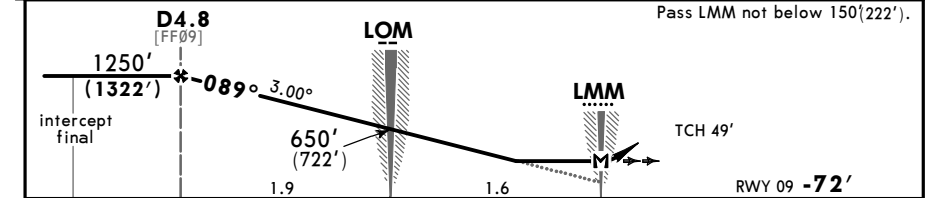
JEPPesen
1 MAY 15 16-1

ASTRAKHAN, RUSSIA
NDB Rwy 09

BRIEFING STRIP™	ATIS		ASTRAKHAN Approach (APP/SRE)		ASTRAKHAN Krug (SRE)		ASTRAKHAN Tower (TWR/GND)		1800' MSA G NDB		
	125.62 (Russian 131.5)		126.0		120.6		118.6				
	NDB G		Final Apch Crs		Minimum Alt D4.8		MDA(H) (CONDITIONAL)			Apt Elev -65' (BELOW SEA LEVEL)	
	*315		089°		1250'(1322')		410'(482')			RWY -72'	
	MISSED APCH: Climb on 089° to 920' (992'), then turn RIGHT onto 269° climbing to 1910' (1982'), then as directed.										
	Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40		Trans alt: 1910' (1982')				
Heavy turbulence with downdrafts and wind shear may be expected on final.											



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1910'	(1982' - 600m)
1570'	(1642' - 500m)
1250'	(1322' - 400m)
920'	(992' - 300m)
650'	(722' - 220m)
150'	(222' - 65m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS	920' (992') on 089°	269°	1910' (1982')
Descent Angle 3.00°	372	478	531	637	743	849	PAP		RT	
MAP at LMM										

STRAIGHT-IN LANDING RWY 09			
With FAF		W/o FAF	
MDA(H) 410' (482')		MDA(H) 470' (542')	
ALS out		ALS out	
A			
B	1200m	RVR 1500m VIS 1600m	1200m RVR 1500m VIS 1600m
C		RVR 1800m VIS 2000m	RVR 1500m VIS 1600m
D	RVR 1800m VIS 2000m	2400m	2400m

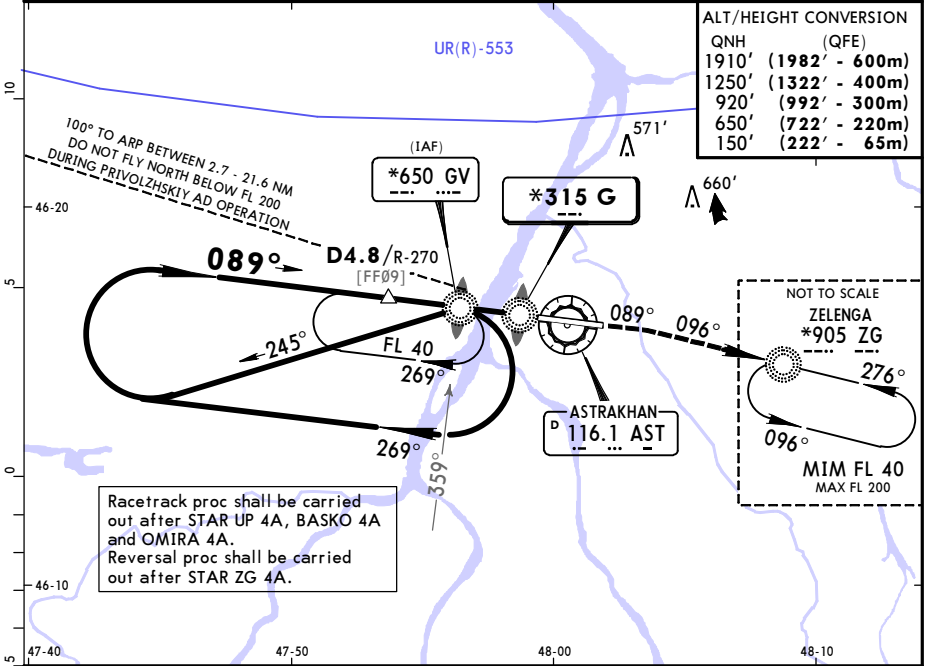
PANS OPS

URWA/ASF
ASTRAKHAN

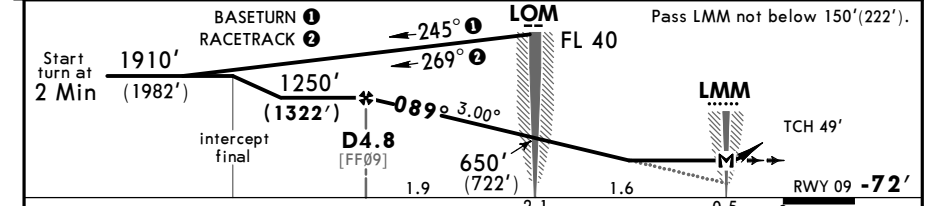
JEPPESSEN
1 MAY 15 16-2 CAT C & D

ASTRAKHAN, RUSSIA
NDB Rwy 09

BRIEFING STRIP™	ATIS		ASTRAKHAN Approach (APP/SRE)		ASTRAKHAN Krug (SRE)		ASTRAKHAN Tower (TWR/GND)		1800' MSA G NDB
	125.62 (Russian 131.5)		126.0		120.6		118.6		
	NDB G		Final Appch Crs		MDA(H) (CONDITIONAL)		Apt Elev -65' (BELOW SEA LEVEL)		
	*315		089°		410' (482')		RWY -72'		
	MISSED APCH: Climb on 089° to 920' (992'), then turn RIGHT to ZG NDB climbing to FL 40, or as directed.								
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 1910' (1982')									
1. Procedure restricted to 225 KT.									
2. Heavy turbulence with downdrafts and wind shear may be expected on final.									



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1910' (1982' - 600m)	
1250' (1322' - 400m)	
920' (992' - 300m)	
650' (722' - 220m)	
150' (222' - 65m)	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	920' (992') on 089°	FL 40	ZG 905
Descent Angle 3.00°	372	478	531	637	743	849	PAPI			
MAP at LMM										

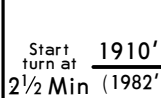
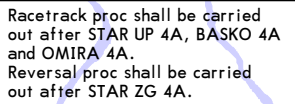
STRAIGHT-IN LANDING RWY 09				
with FAF MDA(H) 410' (482')		w/o FAF MDA(H) 470' (542')		
ALS out		ALS out		
A	see 16-3		see 16-3	
B				
C	1200m	RVR 1800m VIS 2000m	RVR 1500m VIS 1600m	2400m
D	RVR 1800m VIS 2000m	2400m	2400m	2800m

PANS OPS

BRIEFING STRIP TM

MSA G ND

Heavy turbulence with downdrafts and wind shear may be expected on final.



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at LMM						

with FAF
MDA(H) 410' (482')

MDA(H) 470' (542')

		ALS out		ALS out
A	1200m	RVR 1500m	1200m	RVR 1500m
B		VIS 1600m		VIS 1600m

see 16-2

see 16-2

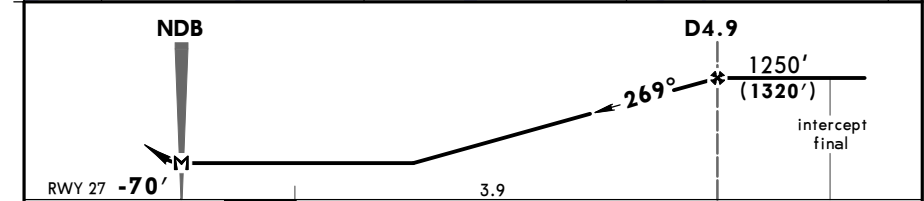
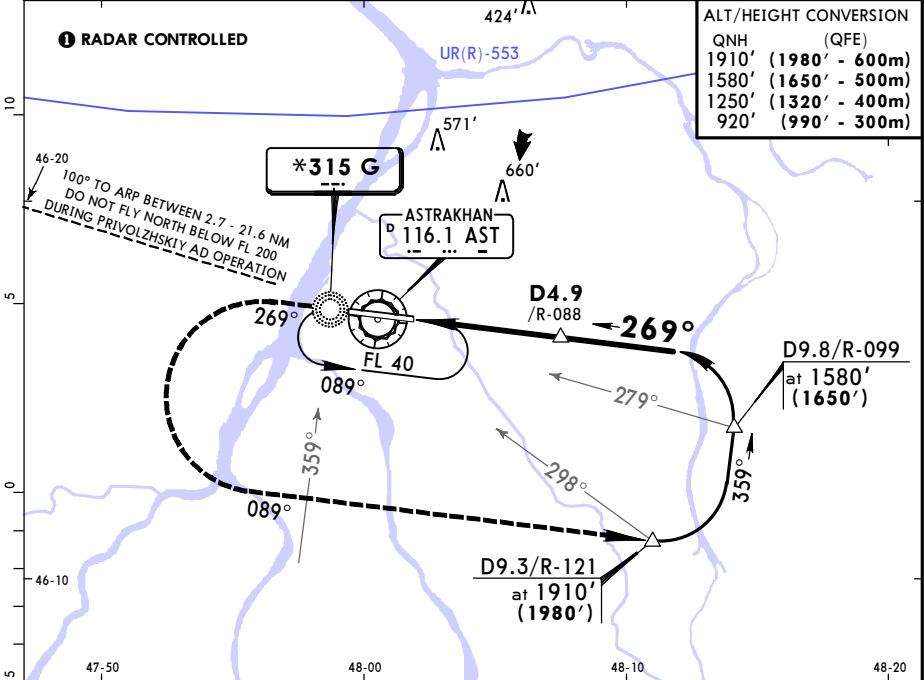
PANS OPS

URWA/ASF
ASTRAKHAN

JEPPesen
1 MAY 15 **16-4**

ASTRAKHAN, RUSSIA
NDB Rwy 27

BRIEFING STRIP TM	ATIS		ASTRAKHAN Approach (APP/SRE)		ASTRAKHAN Krug (SRE)		ASTRAKHAN Tower (TWR/GND)		1800' MSA G NDB		
	125.62 (Russian 131.5)		126.0		120.6		118.6				
	NDB G		Final Apch Crs		Minimum Alt D4.9		MDA(H) (CONDITIONAL)			Apt Elev -65' (BELOW SEA LEVEL)	
	*315		269°		1250'(1320')		410'(480')			RWY -70'	
	MISSED APCH: Climb on 269° to 920' (990') , then turn LEFT onto 089° climbing to 1910' (1980') , then as directed.										
	Alt Set: MM (hPa on req)				QNH on req (QFE)		Trans level: FL 40			Trans alt: 1910' (1980')	
Heavy turbulence with downdrafts and wind shear may be expected on final.											



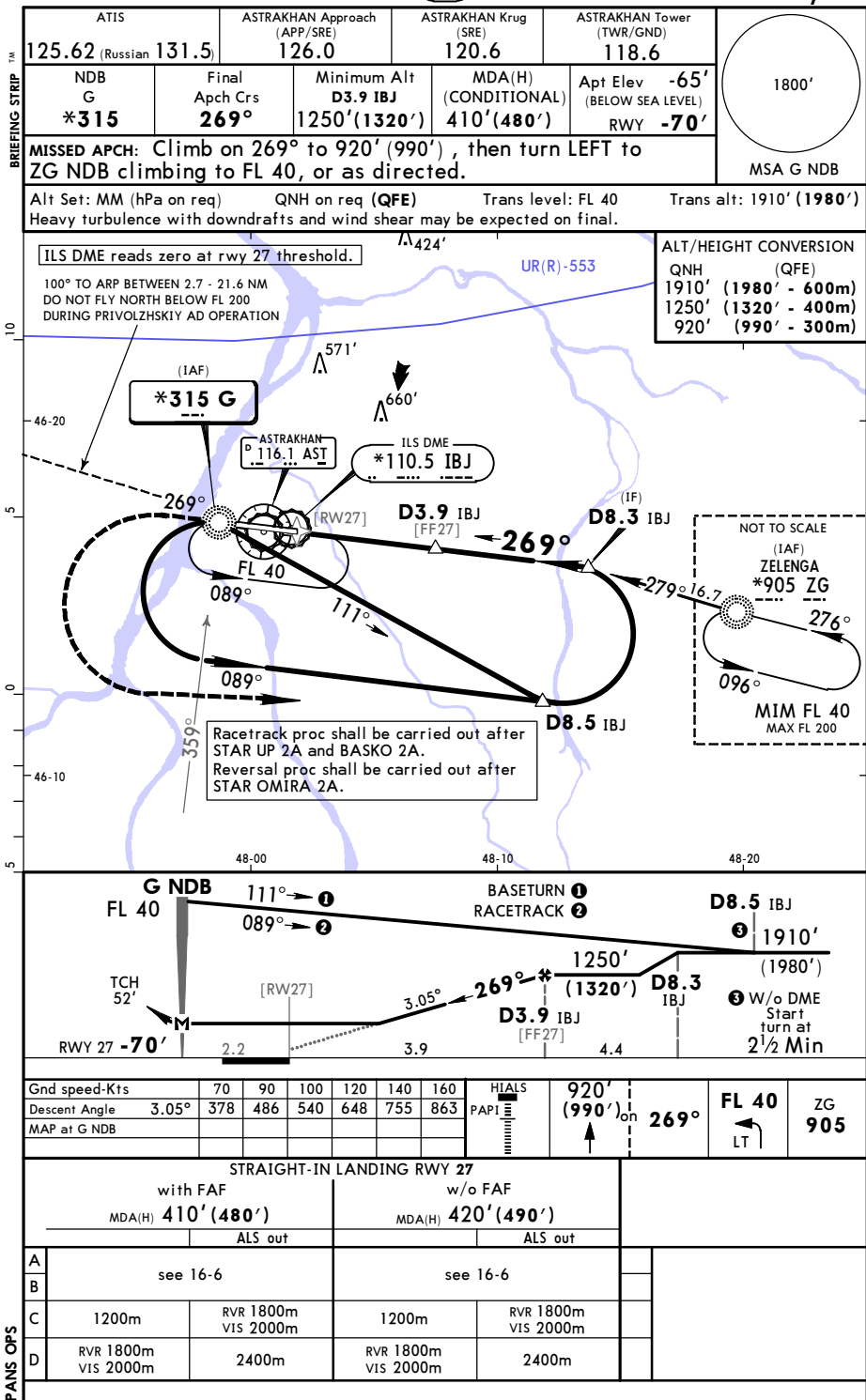
Gnd speed-Kts	70	90	100	120	140	160	HIALS	920' (990') on	269°	089° LT	1910' (1980')
Descent Angle 3.00°	372	478	531	637	743	849	PAPI				
MAP at NDB											

STRAIGHT-IN LANDING RWY 27							
with FAF		w/o FAF					
MDA(H) 410' (480')		MDA(H) 420' (490')					
ALS out		ALS out					
A							
B	1200m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m			
C		RVR 1800m VIS 2000m		RVR 1800m VIS 2000m			
D	RVR 1800m VIS 2000m	2400m	RVR 1800m VIS 2000m	2400m			

URWA/ASF
ASTRAKHAN

JEPPesen
1 MAY 15 **16-5** CAT C & D

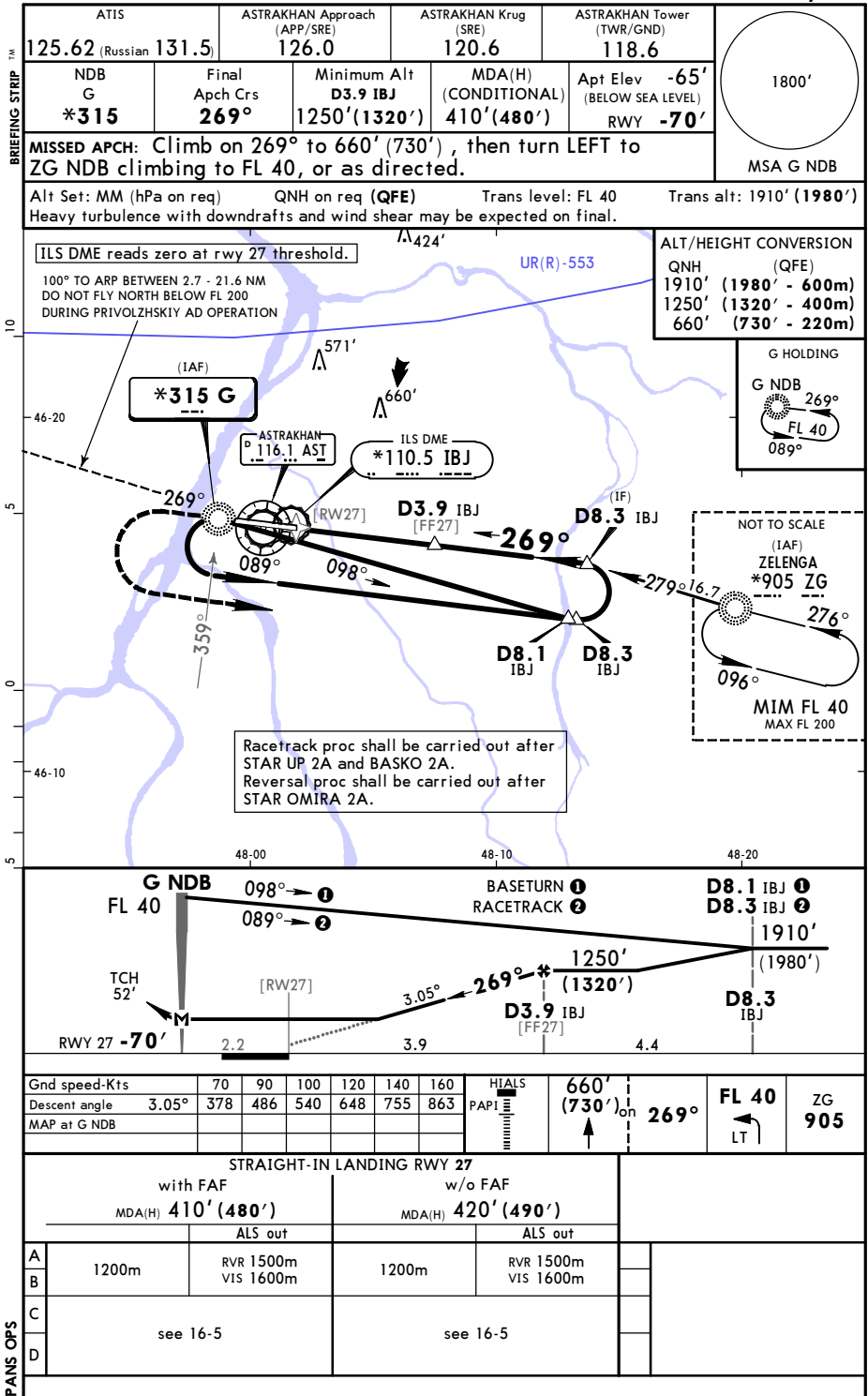
ASTRAKHAN, RUSSIA
NDB DME Rwy 27



URWA/ASF
ASTRAKHAN

JEPPesen
1 MAY 15 **16-6** CAT A & B

ASTRAKHAN, RUSSIA
NDB DME Rwy 27



ASTRAKHAN, (ASTRAKHAN - URWA)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport URWA