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Changed chart(s) since Disc 26-2010

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 26-2010

TERMINAL CHART NOTAMS

Chart NOTAMs for Airport UWGG

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

For apch to rwy 36L w/o radar ctl: to NG, turn RIGHT onto track 180° and follow published IAP.

General Info

Nizhny Novgorod, RUS

N 56° 13.8' E 43° 47.0' Mag Var: 10.5°E

Elevation: 256'

Public, IFR, Control Tower, Customs

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+3:00 uses DST

Runway Info

Runway 18L-36R 8232' x 148' asphalt

Runway 18R-36L 9203' x 148' asphalt

Runway 18L (180.0°M) TDZE 253'

Lights: Edge

Runway 18R (180.0°M) TDZE 256'

Lights: Edge, ALS

Runway 36L (360.0°M) TDZE 254'

Lights: Edge, ALS

Runway 36R (360.0°M) TDZE 253'

Lights: Edge

Communications InfoATIS **127.8**Nizhny Tower **120.4**Nizhny Taxiing Ground Control **121.8**Nizhny Approach Control **126.0**Nizhny Approach Control **124.7**Nizhny Radar **120.8**Nizhny Transit Operations **131.7****Notebook Info**

UWGG/GOJ
STRIGINO

8 OCT 10

10-2

Eff 21 Oct**STAR**

JEPPESSEN NIZHNY NOVGOROD, RUSSIA

ATIS
127.8

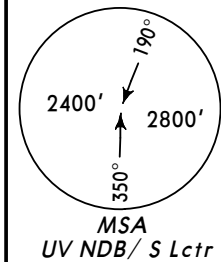
Apt Elev
256'

Alt Set: MM (hPa on request) QNH on request
Trans level: By ATC Trans alt: 2890' **(2634')**

(QFE)

OK 2A, OK 2B , RZ 2 
RWYS 18L/R ARRIVALS
FROM EAST

② By ATC



3 Intercept final at 2230' (1974')

SHARANGA
643 RZ
N57 11.0 E046 31.0

GILAM
N56 39.0 E044 56.0
Between
FL207 & FL177

N56 24.5 E043 52.5
(185° bgr to UV)

A† 2560'
(2304')

N56 24.6 E043 54.5
(191° bgr to UV)

At 2560'
(2304')

$$\begin{array}{r} 38 \\ \hline 4660 \end{array}$$

N56 23.1 E044 06.7
(222° bgr to UV)

2560' (**2304'**)

N56 21.1 E044 08.1
(231° bgr to UV)

At 2560' (**2304'**)

N56 14.6
E044 05.8

At 2560'
(2304')

3
4660
OK 2A

090° → 17

*327 UV
N56 15.1 E043 47.6

*1030 S
N56 15.0 E043 47.4

N56 08.4
E044 00.0
(303° bgr to UV)

1

***245 ST**

N56 16.5 E043 47.9

LYSKOVO
564 OK
N56 00.0 E045 02.0
Between
FL207 & FL49

FL CONVERSION	
FL207	<i>FL6300m</i>
FL177	<i>FL5400m</i>
FL49	<i>FL1500m</i>

ALT/HEIGHT CONVERSION
QNH (QFE)
 2890' (2634' - 800m)
 2560' (2304' - 700m)
 2230' (1974' - 600m)
 1900' (1644' - 500m)



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JEPPESEN NIZHNY NOVGOROD, RUSSIA
8 OCT 10 **(10-2A)** **Eff 21 Oct** **STAR**

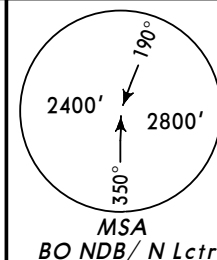
ATIS
127.8

Apt Elev
256'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: By ATC Trans alt: 2890' **(2634')**

OK 4, RZ 4
RWYS 36L/R ARRIVALS
FROM EAST

2 By ATC



1 Without radar control.

SHARANGA
643 RZ
N57 11.0 E046 31.0

GILAM
N56 39.0 E044 56.0
Between
FL266 & FL177

***327 BO**
N56 12.6 E043 46.7
***1030 N**
N56 12.5 E043 46.5

***245 NG**
N56 10.6 E043 45.9

Intercept
final at
1900'
(1644')

N56 03.7 E043 51.1
(334° brg to BO)

At 2560'
(2304')

N56 03.9 E043 46.5
(349° brg to BO)

At 2230'
(1974')

N56 03.5 E043 49.7
(339° brg to BO)

At 2560'
(2304')

40
4260
4660
OK 4

LYSKOVO
564 OK
N56 00.0 E045 02.0
Between
FL217 & FL49

FL CONVERSION	
FL266	FL8100m
FL217	FL6600m
FL177	FL5400m
FL49	FL1500m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2890'	(2634' - 800m)
2560'	(2304' - 700m)
2230'	(1974' - 600m)
1900'	(1644' - 500m)

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JEPPesen NIZHNY NOVGOROD, RUSSIA

8 OCT 10 **(10-2B)** **Eff 21 Oct**

STAR

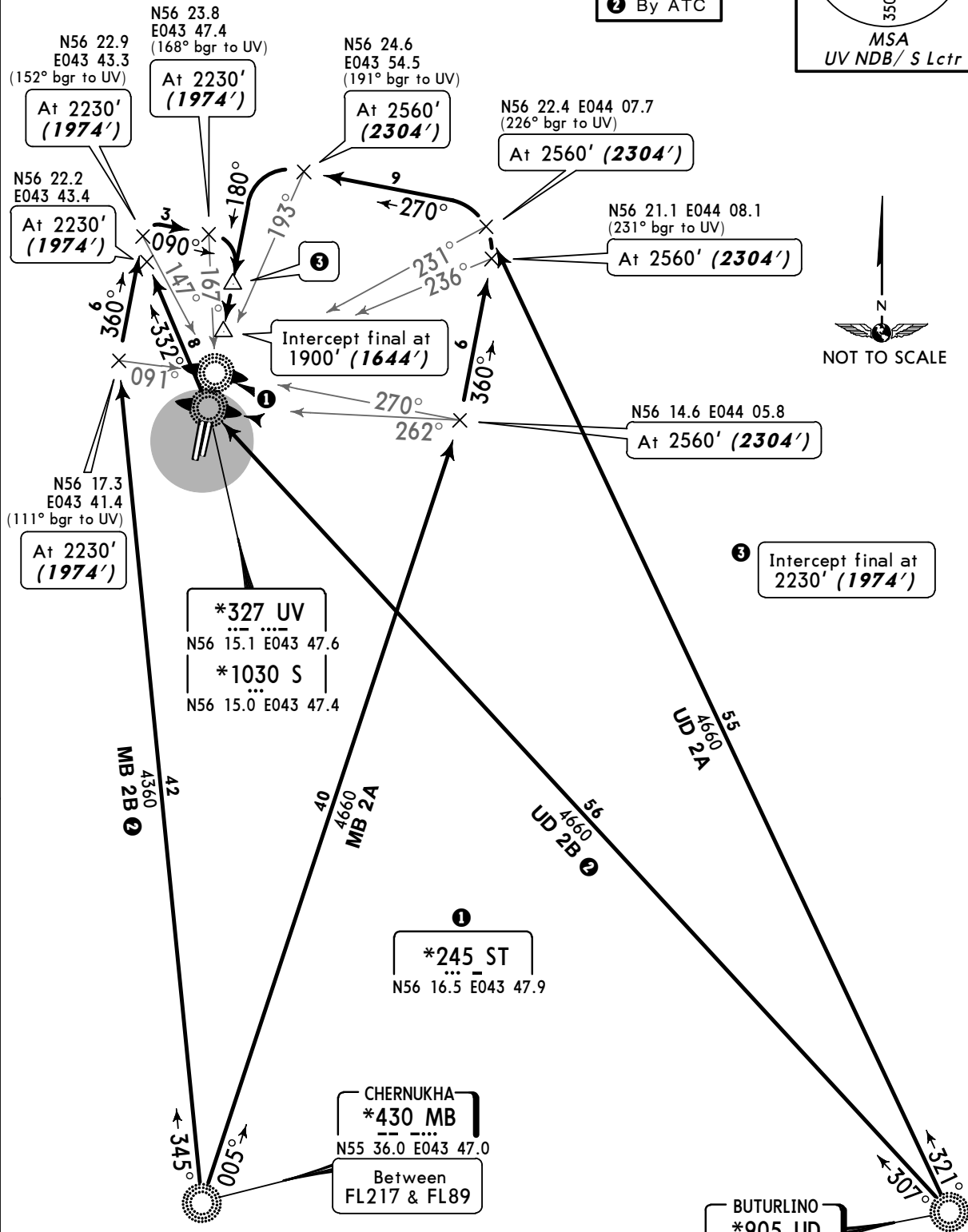
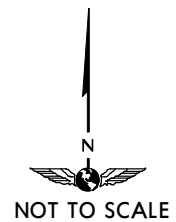
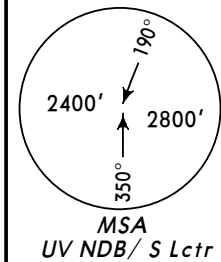
ATIS
127.8

Apt Elev
256'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: By ATC Trans alt: 2890' **(2634')**

MB 2A, MB 2B ②, UD 2A, UD 2B ②
RWYS 18L/R ARRIVALS
FROM SOUTH

② By ATC



FL CONVERSION		ALT/HEIGHT CONVERSION	
		QNH	(QFE)
FL282	FL8600m	2890'	(2634' - 800m)
FL217	FL6600m	2560'	(2304' - 700m)
FL89	FL2700m	2230'	(1974' - 600m)
		1900'	(1644' - 500m)

UWGG/GOJ
STRIGINO

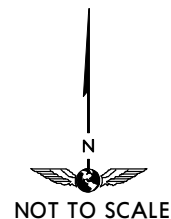
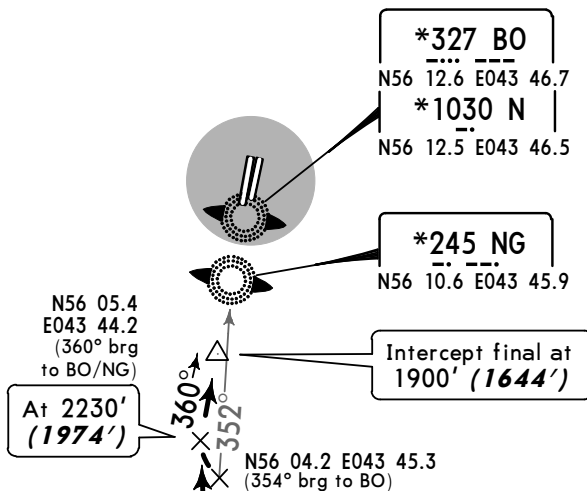
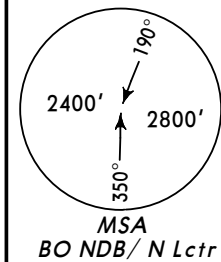
JEPPESEN NIZHNY NOVGOROD, RUSSIA
8 OCT 10 **(10-2C)** **Eff 21 Oct** **STAR**

ATIS
127.8

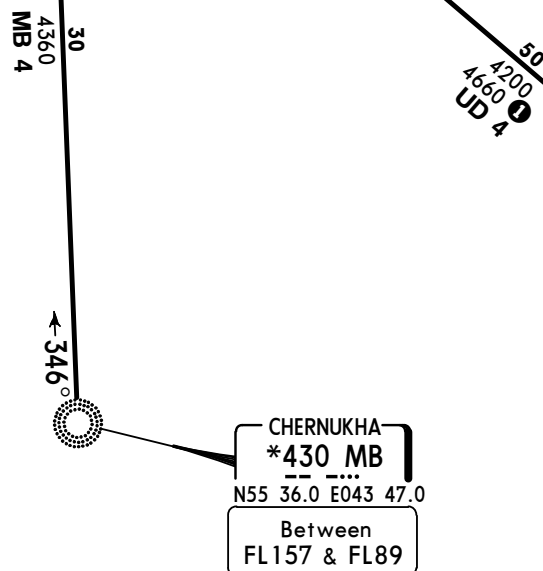
Apt Elev
256'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: By ATC Trans alt: 2890' **(2634')**

MB 4, UD 4
RWYS 36L/R ARRIVALS
FROM SOUTH



1 Without radar control.



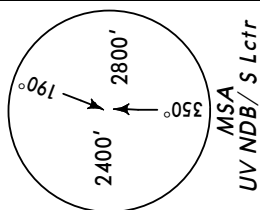
FL CONVERSION	
FL282	FL8600m
FL157	FL4800m
FL89	FL2700m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2890'	(2634' - 800m)
2230'	(1974' - 600m)
1900'	(1644' - 500m)

UWGG/GOJ
STRIGINO

JEPPesen NIZHNY NOVGOROD, RUSSIA
 8 OCT 10 **10-3** **Eff 21 Oct** **SID**

Apt Elev
256' QNH on request **(QFE)** Trans level: By ATC Trans alt: 2890' **(2634')**
 Crossing at airway entry points by ATC.

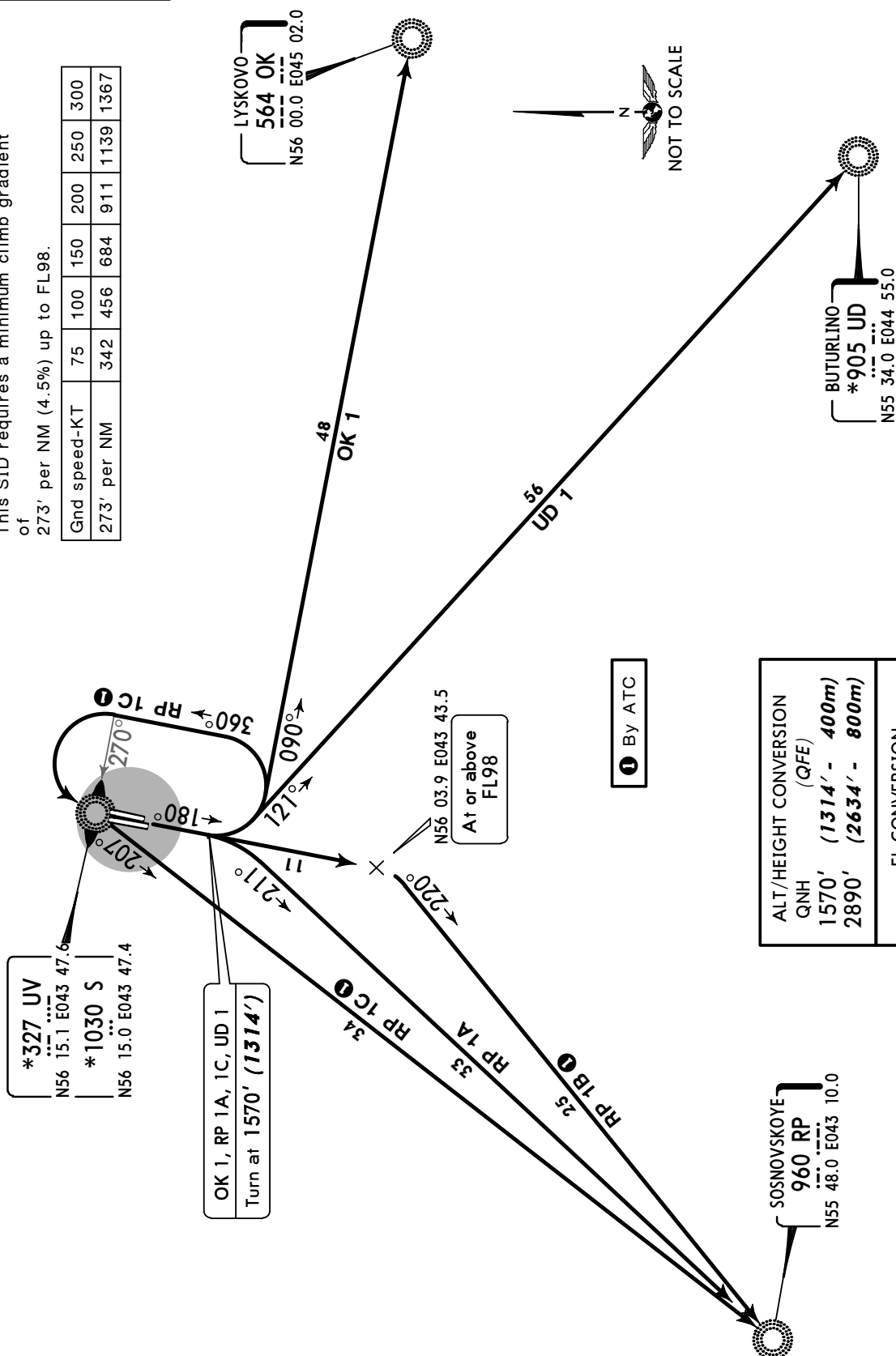


OK 1, RP 1A, RP 1B ①, RP 1C ①, UD 1
RWYS 18L/R DEPARTURES

RP 1B

This SID requires a minimum climb gradient of 273' per NM (4.5%) up to FL98.

Gnd speed-KT	75	100	150	200	250	300
273' per NM	342	456	684	911	1139	1367



① By ATC

ALT/HEIGHT CONVERSION	QNH (QFE)
1570' (1314' - 400m)	2890' (2634' - 800m)
FL98	FL3000m

UWGG/GOJ
STRIGINO

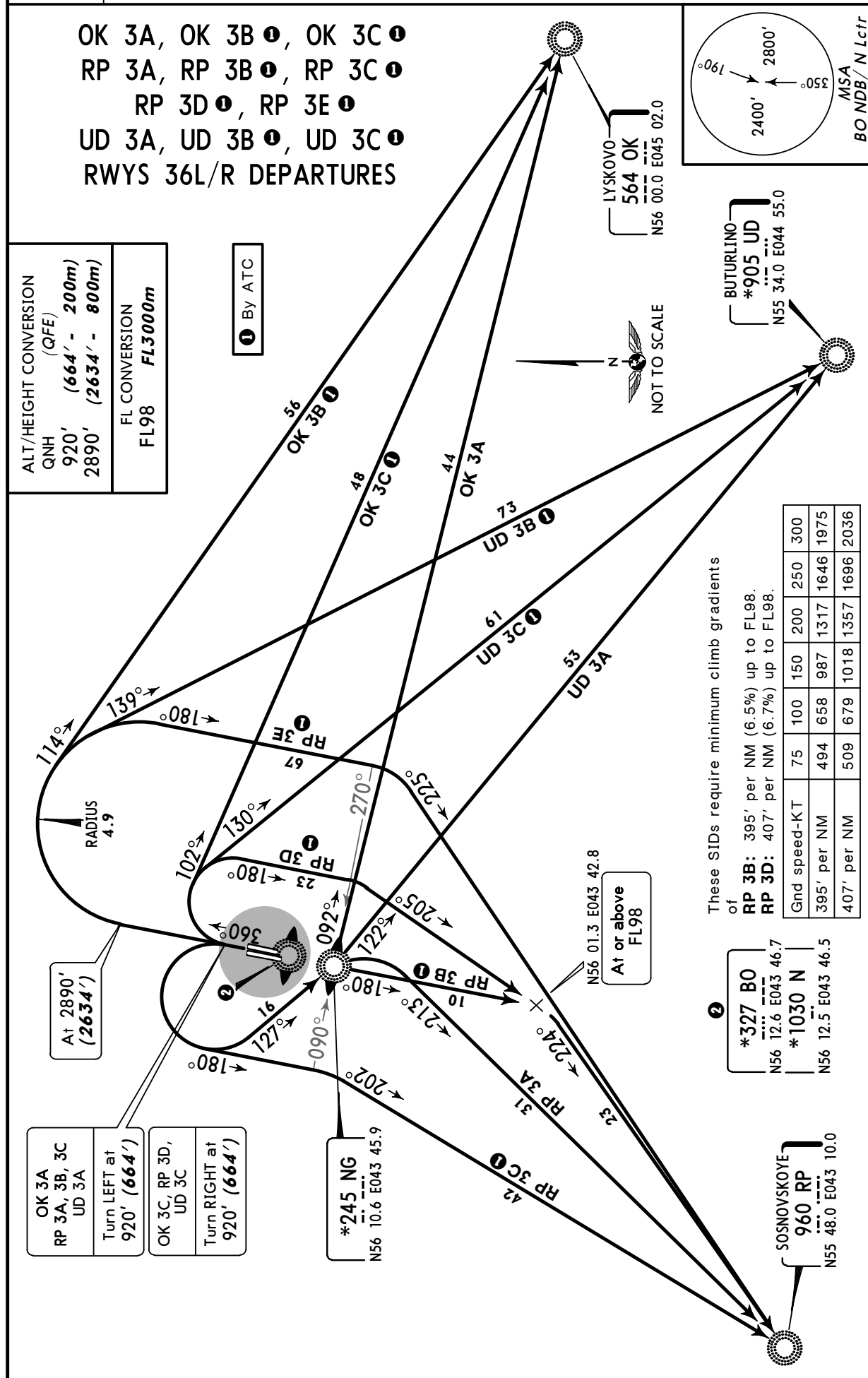
JEPPesen NIZHNY NOVGOROD, RUSSIA
 8 OCT 10 **(10-3A)** **Eff 21 Oct** **SID**

Apt Elev
256' QNH on request **(QFE)** Trans level: By ATC Trans alt: 2890' **(2634')**
 Crossing at airway entry points by ATC.

OK 3A, OK 3B ①, OK 3C ①
RP 3A, RP 3B ①, RP 3C ①
RP 3D ①, RP 3E ①
UD 3A, UD 3B ①, UD 3C ①
RWYS 36L/R DEPARTURES

ALT/HEIGHT CONVERSION	
QNH	(QFE)
920'	(664' - 200m)
2890'	(2634' - 800m)
FL CONVERSION	
FL98	FL3000m

① By ATC



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Apt Elev **256'**
N56 13.8 E043 47.0



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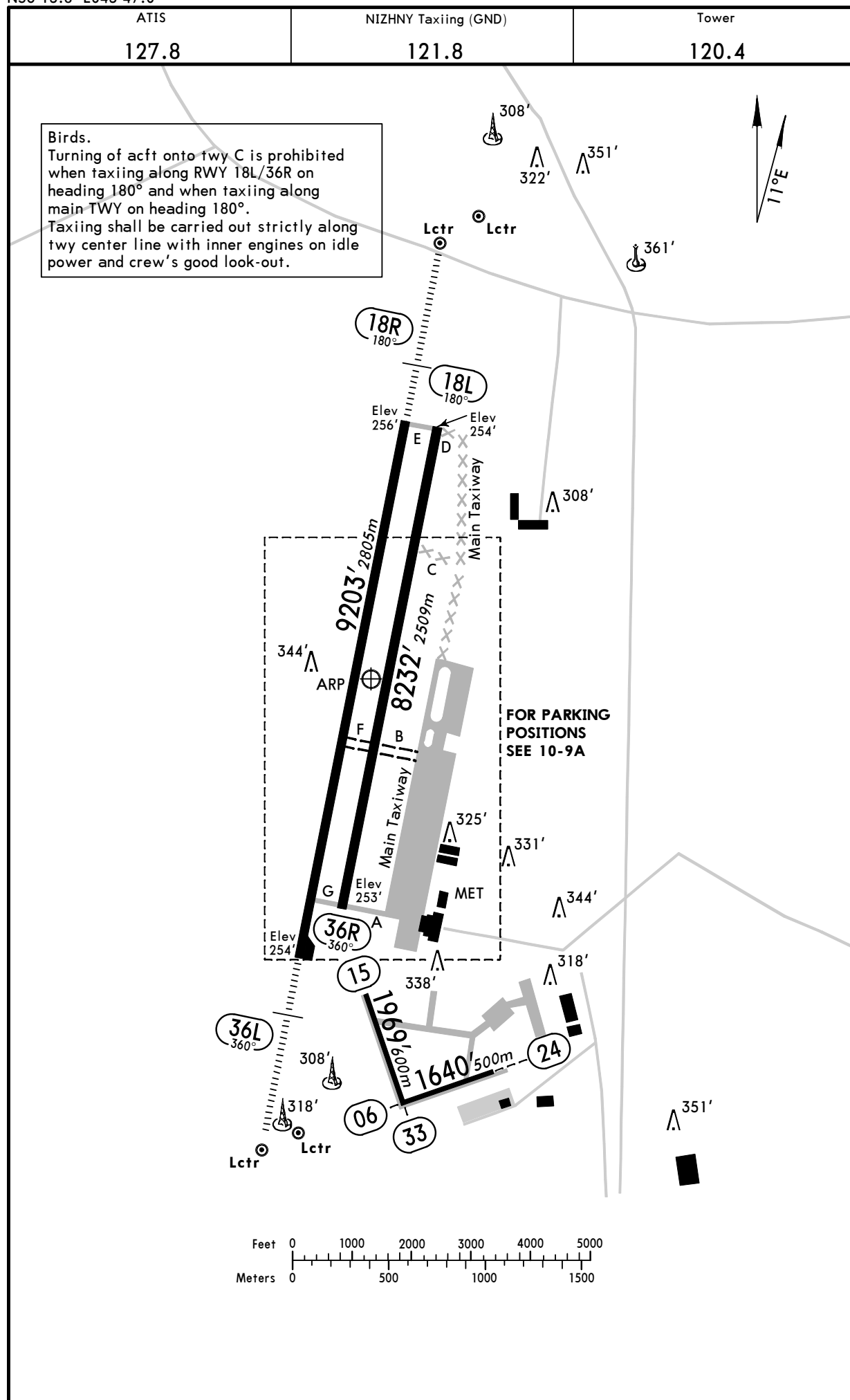
NIZHNY NOVGOROD, RUSSIA

8 OCT 10

(10-9)

Eff 21 Oct

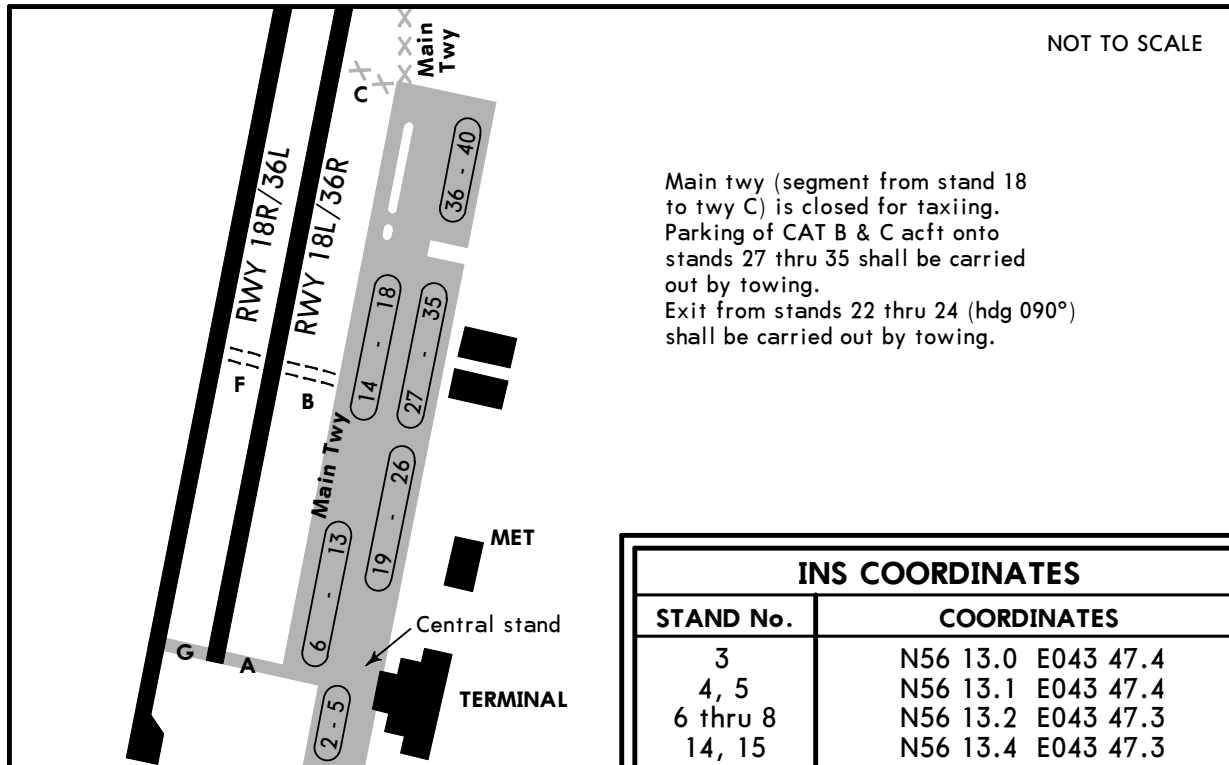
STRIGINO



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JEPPESSEN NIZHNY NOVGOROD, RUSSIA
8 OCT 10 (10-9A) Eff 21 Oct STRIGINO

NOT TO SCALE



ADDITIONAL RUNWAY INFORMATION					
RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
06 24					72' 22m
15 33					72' 22m
18L 36R	HIRL (60m)				148' 45m
18R 36L	HIRL (60m) HIALS PAPI-L		8104' 2470m		148' 45m
			8360' 2548m		

TAKE-OFF	
AIR CARRIER (JAA) Rwys 18 L/R, 36 L/R	
	LVP must be in force RCLM (DAY only) or RL
A	400m
B	
C	
D	

CHANGES: Twy designations. Notes. PAPI-L rwy 18R/36L added.

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JEPPESEN
 8 OCT 10
 Eff 21 Oct

10-9S

NIZHNY NOVGOROD, RUSSIA
STRIGINO

Standard

STRAIGHT-IN RWY		A	B	C	D
18L	NDB ①	700' (446')	700' (446')	700' (446')	700' (446')
	with FAF	R1500m	R1500m	C2100m	C2100m
	NDB	1250' (996')	1250' (996')	1250' (996')	1250' (996')
	w/o FAF	C4700m	C4700m	C4900m	C4900m
18R	ILS	456' (200')	456' (200')	456' (200')	456' (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	610' (354')	610' (354')	610' (354')	610' (354')
	ALS out	R900m R1500m	R900m R1500m	R900m R1600m	R900m R1600m
36L	ILS	454' (200')	454' (200')	454' (200')	454' (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 ①	620' (366')	620' (366')	620' (366')	620' (366')
	with FAF	R1000m	R1000m	R1000m	R1000m
	ALS out	R1500m	R1500m	R1700m	R1700m
	NDB ①	830' (576')	830' (576')	830' (576')	830' (576')
	w/o FAF	R1900m	R1900m	R1900m	R1900m
	ALS out	C2600m	C2600m	C2600m	C2600m
36R	NDB ①	930' (677')	930' (677')	930' (677')	930' (677')
	with FAF	R1500m	R1500m	C2400m	C2400m
	NDB	1170' (917')	1170' (917')	1170' (917')	1170' (917')
	w/o FAF	C4500m	C4500m	C4700m	C4700m

① Continuous Descent Final Approach.

TAKE-OFF RWY 18L/R, 36L/R

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

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JEPPESEN
 8 OCT 10
 Eff 21 Oct 10-9X
JAA MINIMUMS**NIZHNY NOVGOROD, RUSSIA**
STRIGINO

STRAIGHT-IN RWY		A	B	C	D
18L	NDB	700' (446')	700' (446')	700' (446')	700' (446')
	with FAF	R1500m	R1500m	R1800m	R2000m
	NDB	1250' (996')	1250' (996')	1250' (996')	1250' (996')
	w/o FAF	R1500m	R1500m	R2000m	R2000m
18R	ILS	456' (200')	456' (200')	456' (200')	456' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB	600' (344')	600' (344')	600' (344')	600' (344')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
36L	ILS	454' (200')	454' (200')	454' (200')	454' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB	620' (366')	620' (366')	620' (366')	620' (366')
		R900m	R1000m	R1000m	R1400m
	with FAF	R1500m	R1500m	R1800m	R2000m
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	830' (576')	830' (576')	830' (576')	830' (576')
		R1000m	R1200m	R1200m	R1600m
	w/o FAF	R1500m	R1500m	R2000m	R2000m
	ALS out	R1500m	R1500m	R2000m	R2000m
36R	NDB	930' (677')	930' (677')	930' (677')	930' (677')
		R1500m	R1500m	R2000m	R2000m
	with FAF	R1500m	R1500m	R2000m	R2000m
	NDB	1170' (917')	1170' (917')	1170' (917')	1170' (917')
	w/o FAF	R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 18L, 18R, 36L, 36R

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		

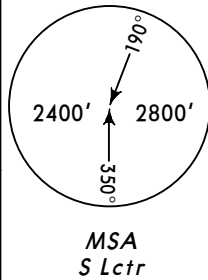
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STRIGINO

JEPPesen **NIZHNY NOVGOROD, RUSSIA**
8 OCT 10 **(11-1)** **Eff 21 Oct** **ILS or 2 NDB Rwy 18R**

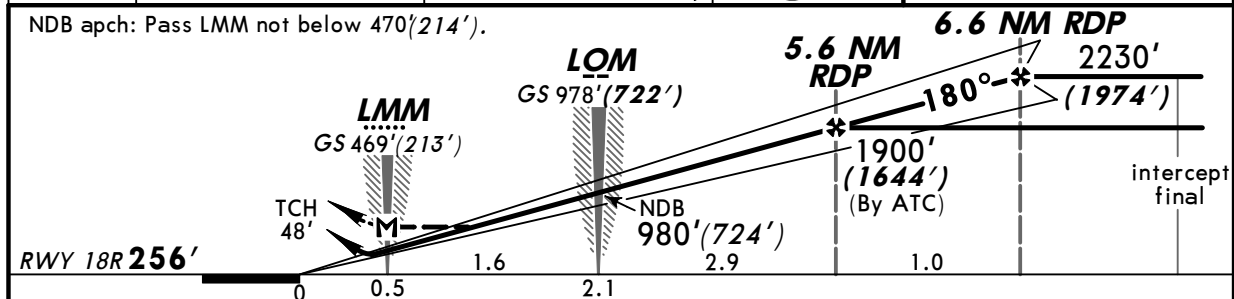
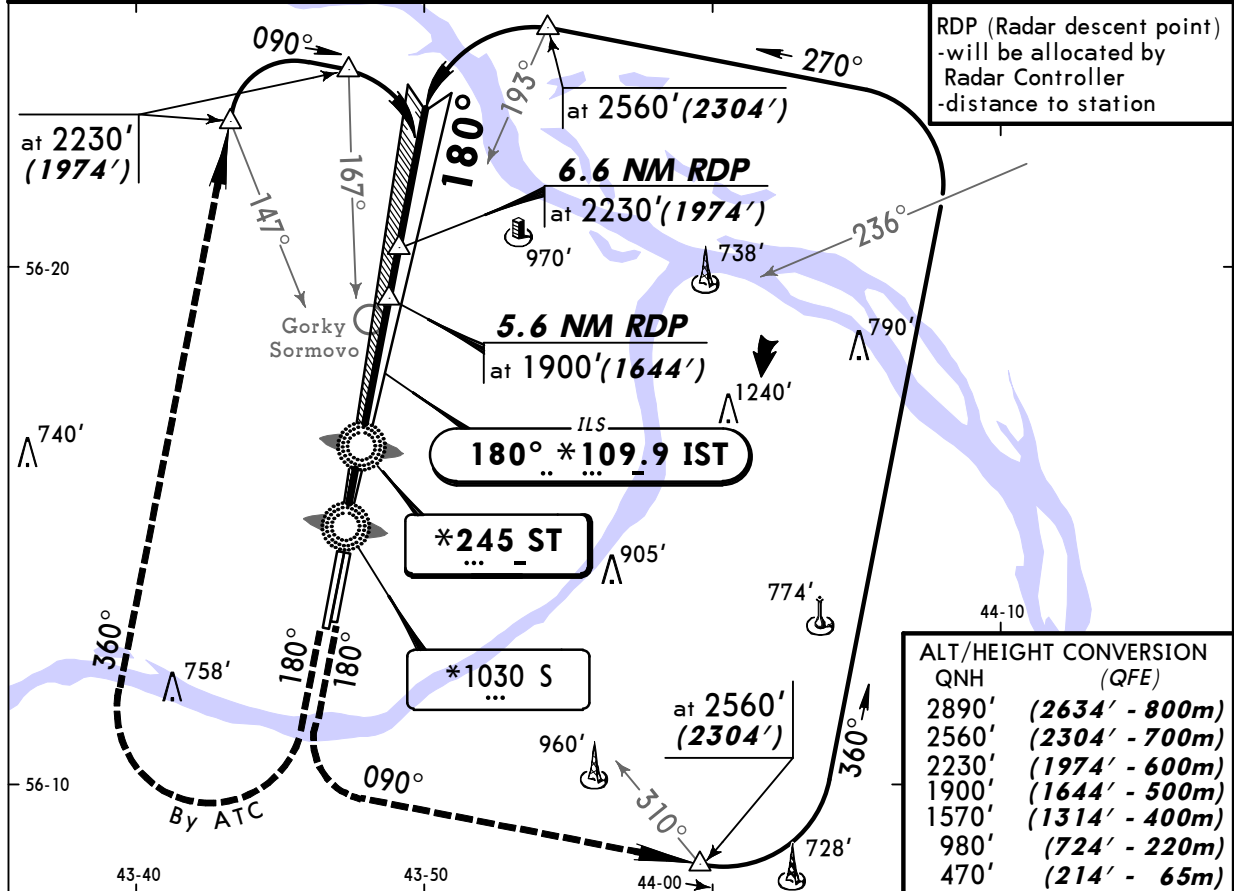
BRIEFING STRIP

ATIS 127.8		NIZHNY Approach 124.7 126.0		NIZHNY Radar 120.8		NIZHNY Tower 120.4		Ground 121.8	
LOC IST *109.9		Final Apch Crs 180°		GS LOM 978' (722')		ILS DA(H) 456' (200')		Apt Elev 256' RWY 256'	
NDB ST *245				Minimum Alt (CONDITIONAL) Refer to Profile		NDB MDA(H) 600' (344')			
MISSED APCH: LEFT HAND: Climb on 180° to 1570' (1314'), then turn LEFT onto 090° climbing to 2560' (2304'), then as directed. RIGHT HAND: Climb on 180° to 1570' (1314'), then turn RIGHT onto 360° climbing to 2230' (1974'), then as directed.									

MSA
S Lctr



Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 2890' (2634')



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1570' (1314') on 180°
ILS GS or NDB Desc angle 3.00°	377	485	539	647	755	862	PAPI	
MAP at LMM								

STRAIGHT-IN LANDING RWY 18R					
ILS		LOC (GS out)	NDB		
DA(H)	456' (200')		MDA(H)	600' (344')	
FULL	ALS out			ALS out	
A					
B	800m	1200m	1200m	1600m	
C					
D			1600m	2000m	

PANS OPS

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STRIGINO



8 OCT 10

11-2

Eff 21 Oct

JEPPESSEN NIZHNY NOVGOROD, RUSSIA
8 OCT 10 (11-2) Eff 21 Oct ILS or 2 NDB Rwy 36L

ATIS 127.8		NIZHNY Approach 124.7 126.0		NIZHNY Radar 120.8		NIZHNY Tower 120.4		Ground 121.8	
LOC ING *109.5	<i>Final Apch Crs</i> 360°	<i>GS LOM</i> 1074' (820')	<i>ILS DA(H)</i> 454' (200')	<i>Apt Elev</i> 256' <i>RWY</i> 254'					
NDB NG *245		<i>Minimum Alt 6.0 NM RDP</i> 1900' (1646')	<i>NDB MDA(H) (CONDITIONAL)</i> 620' (366')						

MISSED APCH: RIGHT HAND: Climb on 360° to 920' (666'), then turn RIGHT onto 180° climbing to 2560' (2306'), then as directed.

LEFT HAND: Climb on 360° to 920' (666'), then turn LEFT onto 180° climbing to 2230' (1976'), then as directed.

MSA
N Lctr

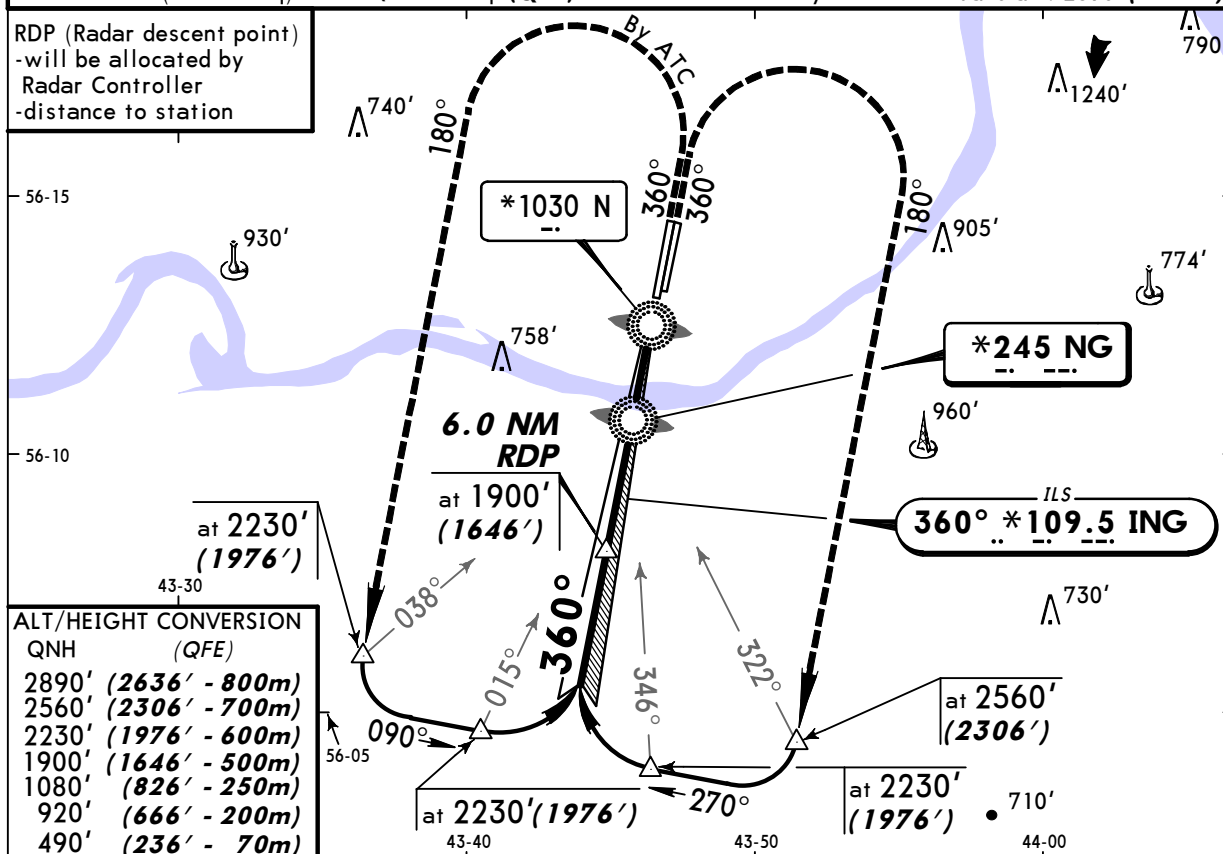
Alt Set: MM (hPa on req)

QNH on req (**QFE**)

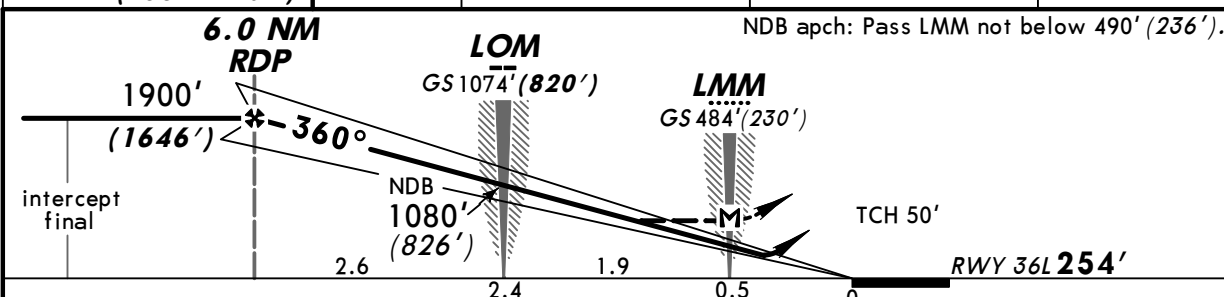
Trans level: By ATC

Trans alt: 2890' (**2636'**)

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



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2890'	(2636' - 800m)
2560'	(2306' - 700m)
2230'	(1976' - 600m)
1900'	(1646' - 500m)
1080'	(826' - 250m)
920'	(666' - 200m)
490'	(236' - 70m)



<i>Gnd speed-Kts</i>	70	90	100	120	140	160			
<i>ILS GS or</i>	377	485	539	647	755	862			
<i>NDB Descent angle 3.00°</i>									
<i>MAP at LMM</i>									

ILS		LOC (GS out)	STRAIGHT-IN LANDING RWY 36L				NDB			
DA(H) 454'(200')			With FAF MDA(H) 620'(366')		W/o FAF MDA(H) 830'(576')					
FULL	ALS out			ALS out		ALS out				
A	800m	1200m	NOT AUTH	1200m	1600m	1200m	1600m			
B										
C						1600m	2400m			
D						1600m	2000m	2400m		2800m

CHANGES: MDA(H). Trans level. MAP. PAPI.

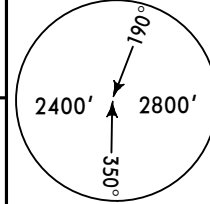
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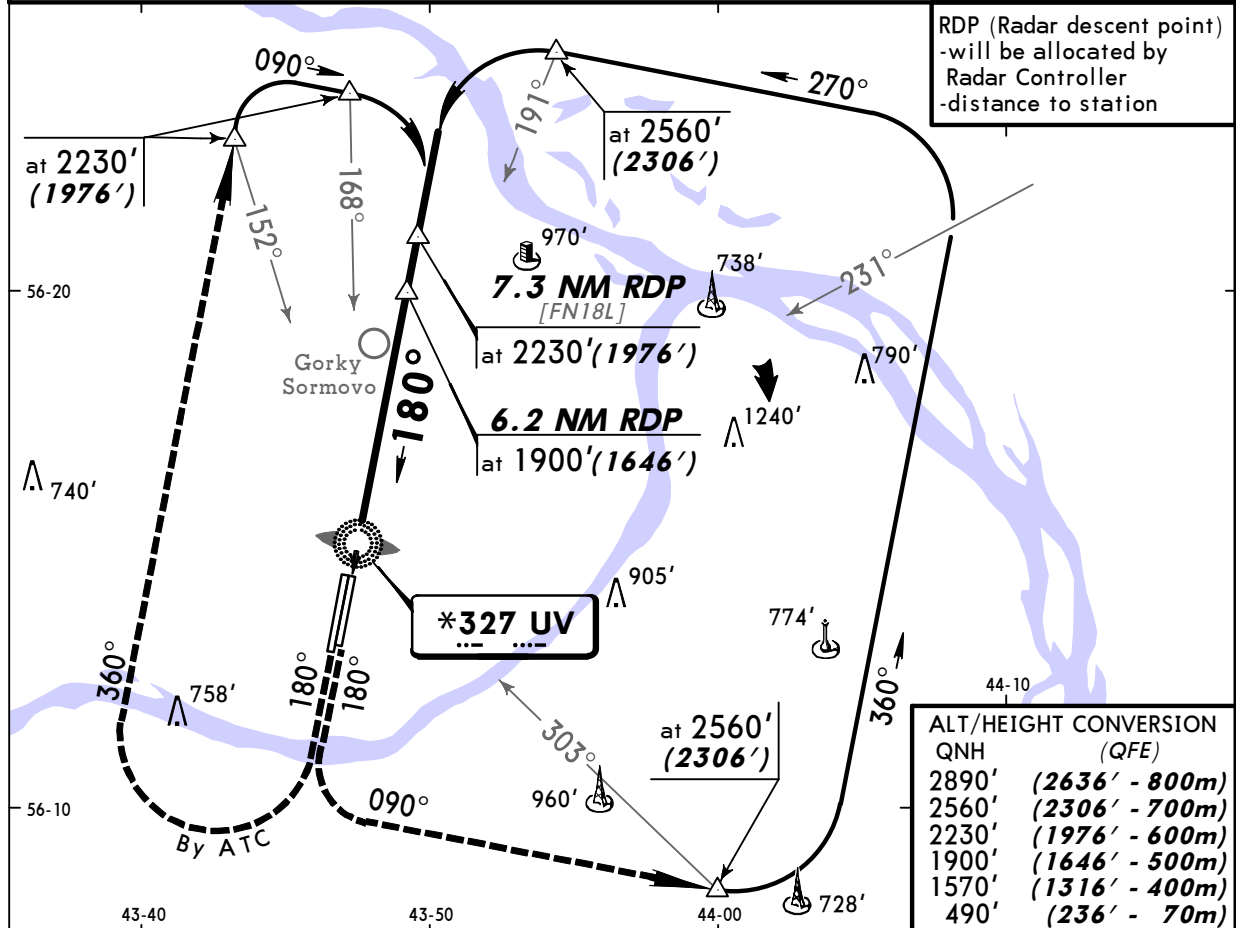
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JEPPesen
8 OCT 10 **(16-1)** **Eff 21 Oct**

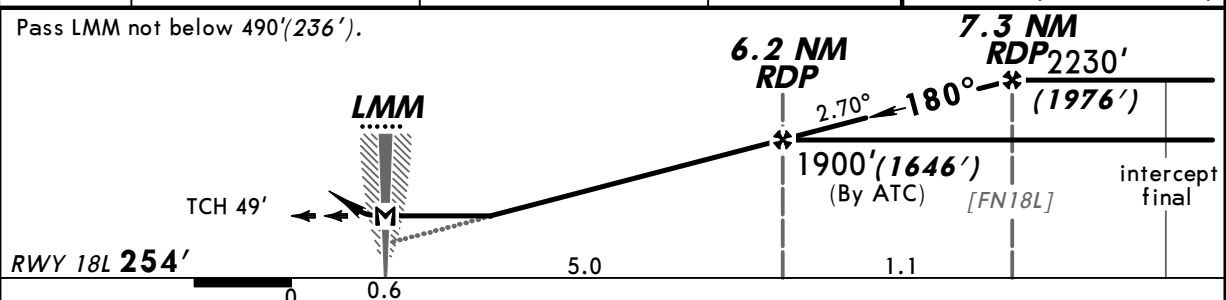
NIZHNY NOVGOROD, RUSSIA
NDB Rwy 18L

BRIEFING STRIP

ATIS		NIZHNY Approach		NIZHNY Radar		NIZHNY Tower		Ground	
127.8		124.7 126.0		120.8		120.4		121.8	
NDB UV *327		Final Apch Crs 180°		Minimum Alt (CONDITIONAL) Refer to Profile		MDA(H) (CONDITIONAL) 700'(446')		Apt Elev 256' RWY 254'	
MISSED APCH: LEFT HAND: Climb on 180° to 1570'(1316'), then turn LEFT onto 090° climbing to 2560'(2306'), then as directed. RIGHT HAND: Climb on 180° to 1570'(1316'), then turn RIGHT onto 360° climbing to 2230'(1976'), then as directed.								 MSA UV NDB	
Alt Set: MM (hPa on req)			QNH on req(QFE)			Trans level: By ATC		Trans alt: 2890'(2636')	



Pass LMM not below 490'(236').



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 2.70°	334	430	478	573	669	764
MAP at LMM						

STRAIGHT-IN LANDING RWY 18L

With FAF MDA(H) 700'(446')		W/o FAF MDA(H) 1250'(996')	
A	1600m	2000m	
B		2400m	
C	2000m	4800m	
D	2400m		

PANS OPS

UWGG/GOJ
STRIGINO

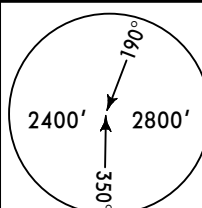
8 OCT 10 **(16-2)**

Eff 21 Oct

NIZHNY NOVGOROD, RUSSIA
NDB Rwy 36R

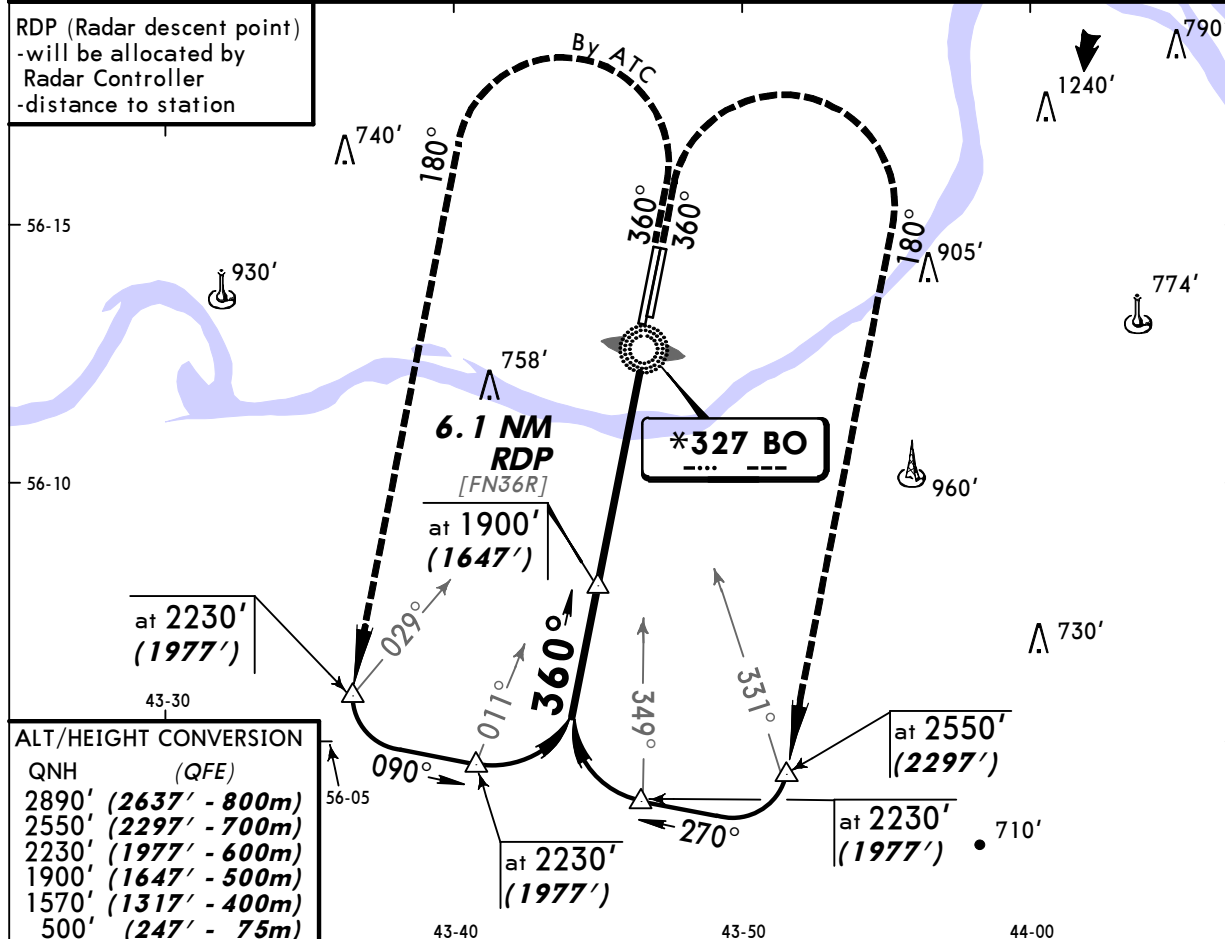
BRIEFING STRIP

ATIS	NIZHNY Approach	NIZHNY Radar	NIZHNY Tower	Ground
127.8	124.7 126.0	120.8	120.4	121.8
NDB BO *327	Final Apch Crs 360°	Minimum Alt 6.1 NM RDP 1900' (1647')	MDA(H) (CONDITIONAL) 930' (677')	Apt Elev 256' RWY 253'
MISSED APCH: RIGHT HAND: Climb on 360° to 1570' (1317'), then turn RIGHT onto 180° climbing to 2550' (2297'), then as directed. LEFT HAND: Climb on 360° to 1570' (1317'), then turn LEFT onto 180° climbing to 2230' (1977'), then as directed.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 2890' (2637')				



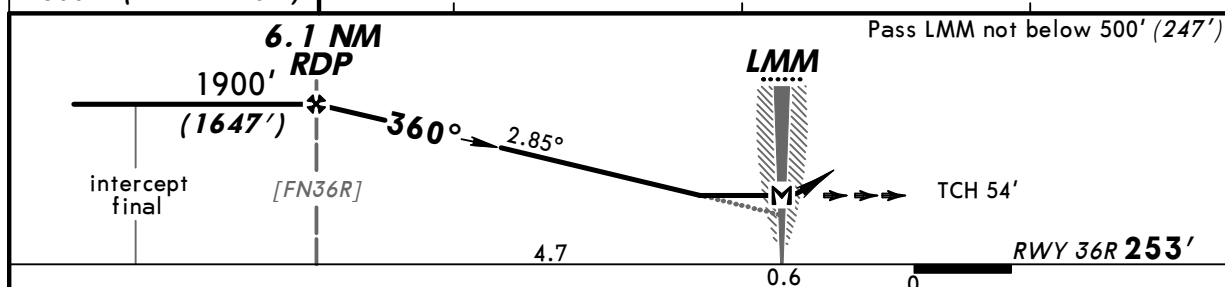
MSA BO NDB

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



ALT/HEIGHT CONVERSION

QNH	(QFE)
2890' (2637' - 800m)	
2550' (2297' - 700m)	
2230' (1977' - 600m)	
1900' (1647' - 500m)	
1570' (1317' - 400m)	
500' (247' - 75m)	



Gnd speed-Kts	70	90	100	120	140	160	
Descent angle 2.85°	353	454	504	605	706	807	
MAP at LMM							

STRAIGHT-IN LANDING RWY 36R			
With FAF		W/o FAF	
MDA(H) 930' (677')		MDA(H) 1170' (917')	
A	1600m	2000m	
B			
C	3200m	4400m	
D	3600m	4800m	

PANS OPS