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Airport Information For UTSS

Terminal Charts For UTSS

Revision Letter For Cycle 25-2012

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Notebook

General Information

Location: Samarkand Uzb
IATA Code: SKD
Lat/Long: N39° 42.0' E066° 59.0'
Elevation: 2225 ft

Airport Use: Public
Magnetic Variation: 4.7°E

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

Sunrise: 0253 Z
Sunset: 1217 Z,

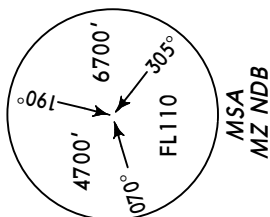
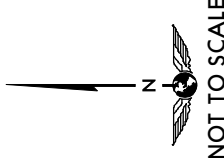
Runway Information

Runway: 09
Length x Width: 10187 ft x 161 ft
Surface Type: concrete
TDZ-Elev: 2179 ft
Lighting: Edge, ALS

Runway: 27
Length x Width: 10187 ft x 161 ft
Surface Type: concrete
TDZ-Elev: 2222 ft
Lighting: Edge, ALS
Displaced Threshold: 787 ft

Communication Information

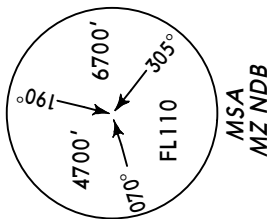
ATIS 127.8 Non-English
Samarkand Tower 121.8 Secondary VHF-DF
Samarkand Tower 118.7 VHF-DF
Samarkand Approach Control 123.7 Secondary
Samarkand Approach Control 120.8
Transit Operations 131.7

ATIS
127.8 (Russian only)Apt Elev
2225'Alt Set: MM (hPa on req) QNH on request (QFE)
Trans level: FL70 Trans alt: 4200' (1975')
Mountainous terrain.**DS 1A**
DY 1B, PD 1B
RWYS 09, 27 ARRIVALS***SPEEDS* MAX 250 KT BELOW FL100**BULUNGUR
405 PD
N39 45.1 E067 16.5At or above
FL90URGUT
635 DS
N39 25.7 E067 14.6Via airway
B-106
at or above
FL180Via airways
A-66, G-555, J-10
at or above
FL170Via airways
A-230, G-500
at or above
FL120**1** 273° brg to MZ between 4.9 NM
and 1.6 NM from ARP do not fly
south below 3870' (1645').(IAF)
SAMARKAND
355 MZ
N39 42.3 E066 55.2DS 1A
At **FL100**
Without
radar control
at or above **FL120**DY 1B
At **FL70**
Without
radar control
at or above **FL80**PD 1B
At **FL70**
Without
radar control
at or above **FL90**NAGORNAYA
598 DY
N39 44.6 E066 24.3At or above
FL70
Via airway
A-116
at or above
FL10024
DY 1B22
DS 1A17
PD 1B092°
FL70
272°ALT/HEIGHT CONVERSION
QNH (QFE)
4200' (1975' - 600m)
3870' (1645' - 500m)

ATIS
127.8 (Russian only)

Apt Elev
2225'

Alt Set: MM (hPa on req) QNH on request (QFE)
Trans level: FL70 Trans alt: 4200' (1975')
Mountainous terrain.

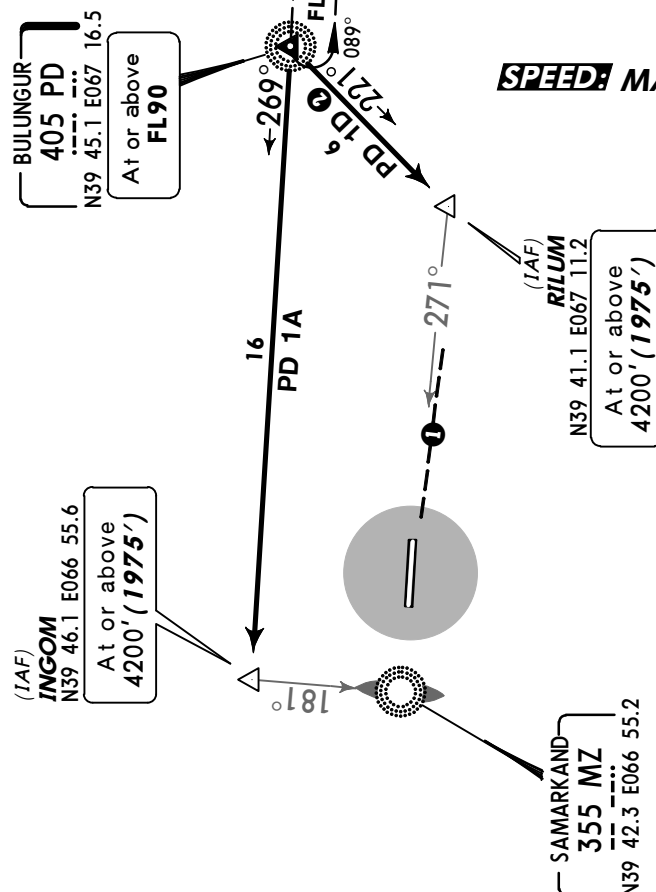


DY 1A, PD 1A
RWY 09 ARRIVALS

PD 1D
RWY 27 ARRIVAL

CAT A & B

SPEED: MAX 250 KT BELOW FL100



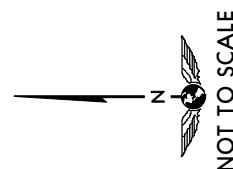
1 273° brg to MZ between 4.9 NM and 1.6 NM from ARP do not fly south below 3870' (1645').

2 PD 1D:
10% descent gradient is required.
If unable to comply expect STAR PD 1B.

NAGORNAYA
598 DY
N39 44.6 E066 24.3

At or above FL70
Via airway A-116 at or above FL100

LOMDI (IAF)
N39 43.1 E066 45.2
At or above 4200' (1975')



ALT/HEIGHT CONVERSION
QNH (QFE)
4200' (1975' - 600m)
3870' (1645' - 500m)

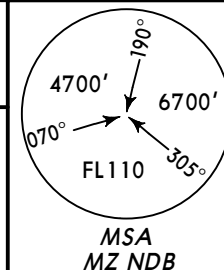
Apt Elev
2225'

QNH on request (QFE)

Trans level: FL70

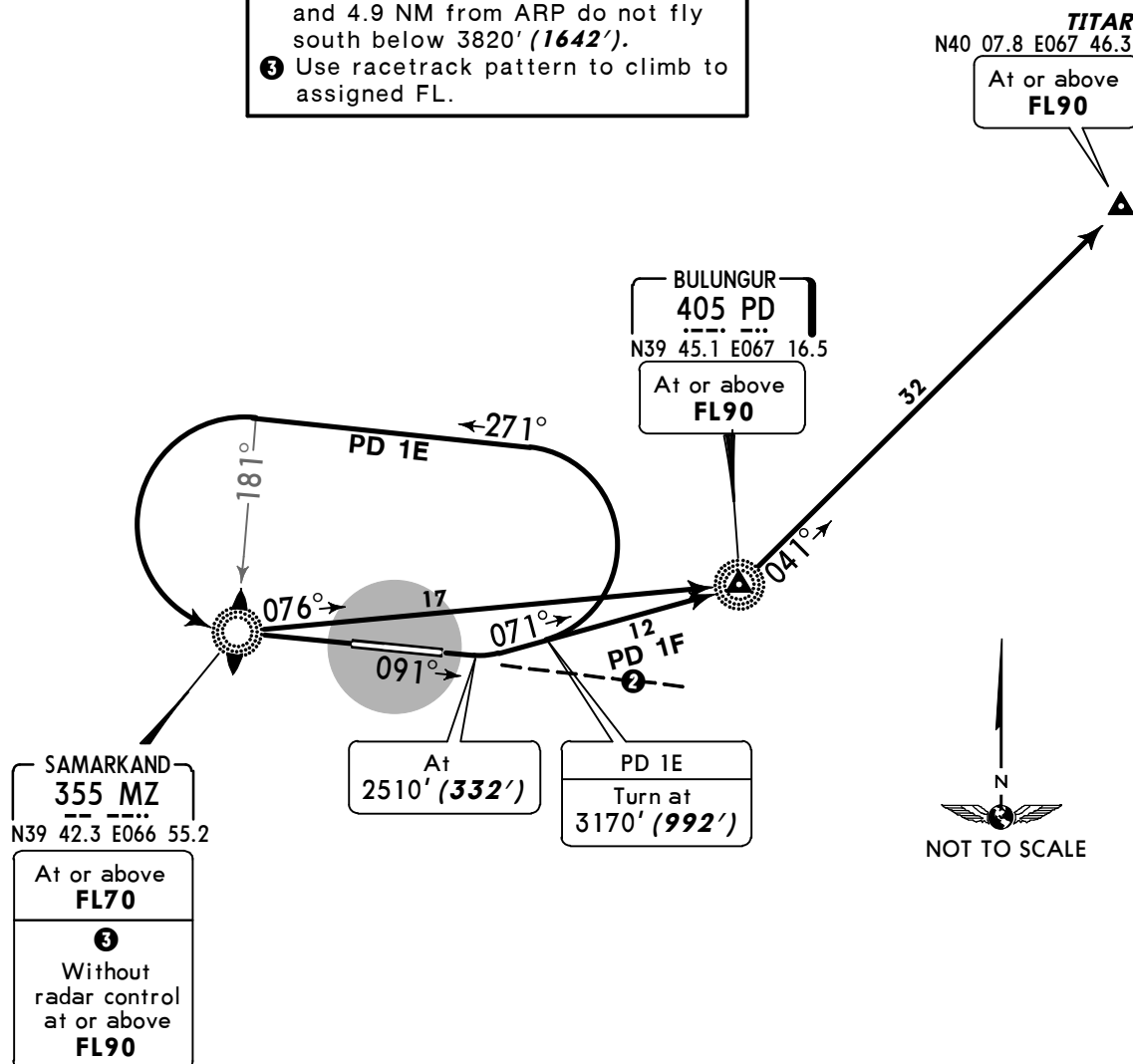
Trans alt: 4200' (2022')

Mountainous terrain.



BULUNGUR ONE ECHO (PD 1E)
BULUNGUR ONE FOXTROT (PD 1F)①
RWY 09 DEPARTURES
~~SPEED~~ MAX 250 KT BELOW FL100

- ① Only available with radar control.
- ② 093° brg from MZ between 1.6 NM and 4.9 NM from ARP do not fly south below 3820' (1642').
- ③ Use racetrack pattern to climb to assigned FL.



NOT TO SCALE

PD 1F

This SID requires a minimum climb gradient of 504' per NM (8.3%).

Gnd speed-KT	75	100	150	200	250	300
504' per NM	630	841	1261	1681	2101	2522

If unable to comply expect SID PD 1E.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2510'	(332' - 100m)
3170'	(992' - 300m)
3820'	(1642' - 500m)
4200'	(2022' - 600m)

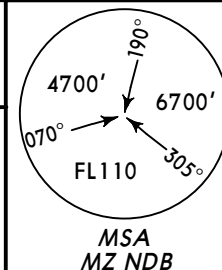
INITIAL CLIMB

Climb on 091° track to 2510' (332') , turn LEFT.

SID	ROUTING
PD 1E	071° track, at 3170' (992') turn LEFT, 271° track, climbing to assigned FL, when passing 181° bearing to MZ turn LEFT to MZ, turn LEFT, 076° bearing to PD.
PD 1F	Intercept 071° bearing to PD, climbing to assigned FL.

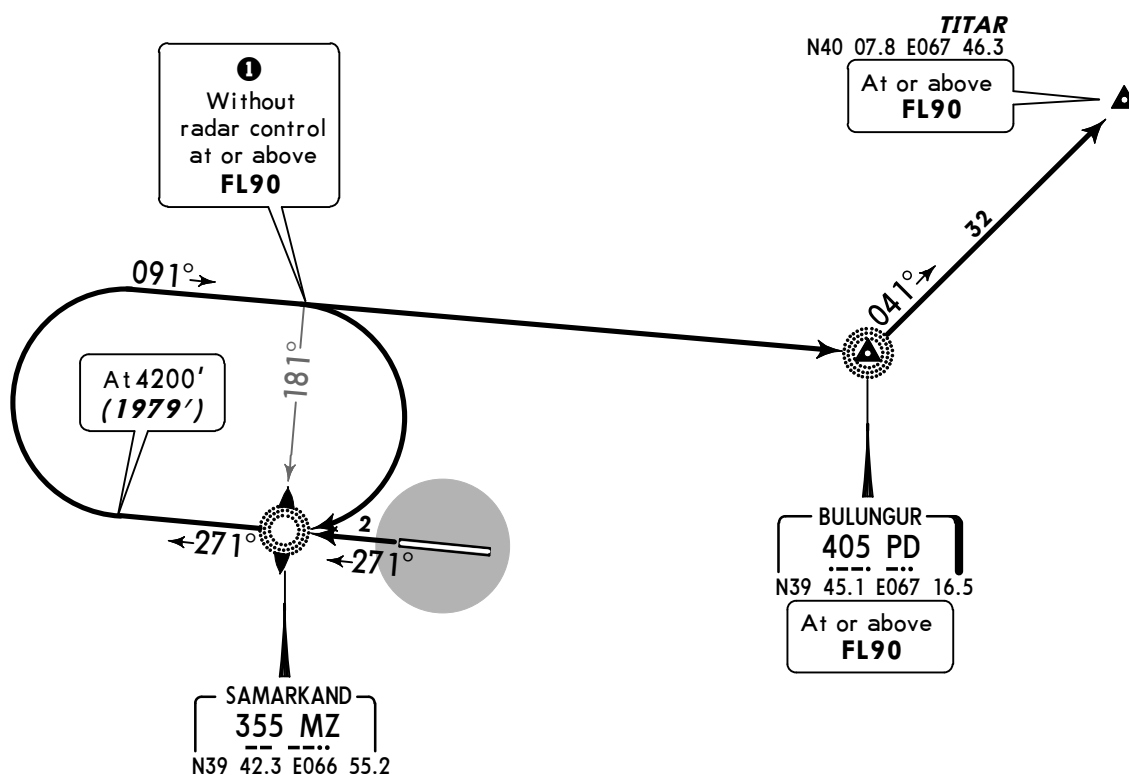
Apt Elev
2225'

QNH on request (QFE)
Trans level: FL70 Trans alt: 4200' (1979')
Mountainous terrain.



BULUNGUR ONE GOLF (PD 1G)
RWY 27 DEPARTURE
~~SPEED~~ MAX 250 KT BELOW FL100

① Use racetrack pattern to climb to assigned FL.



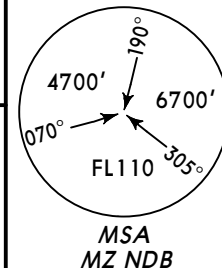
ALT/HEIGHT CONVERSION
QNH (QFE)
4200' (1979' - 600m)

INITIAL CLIMB/ROUTING

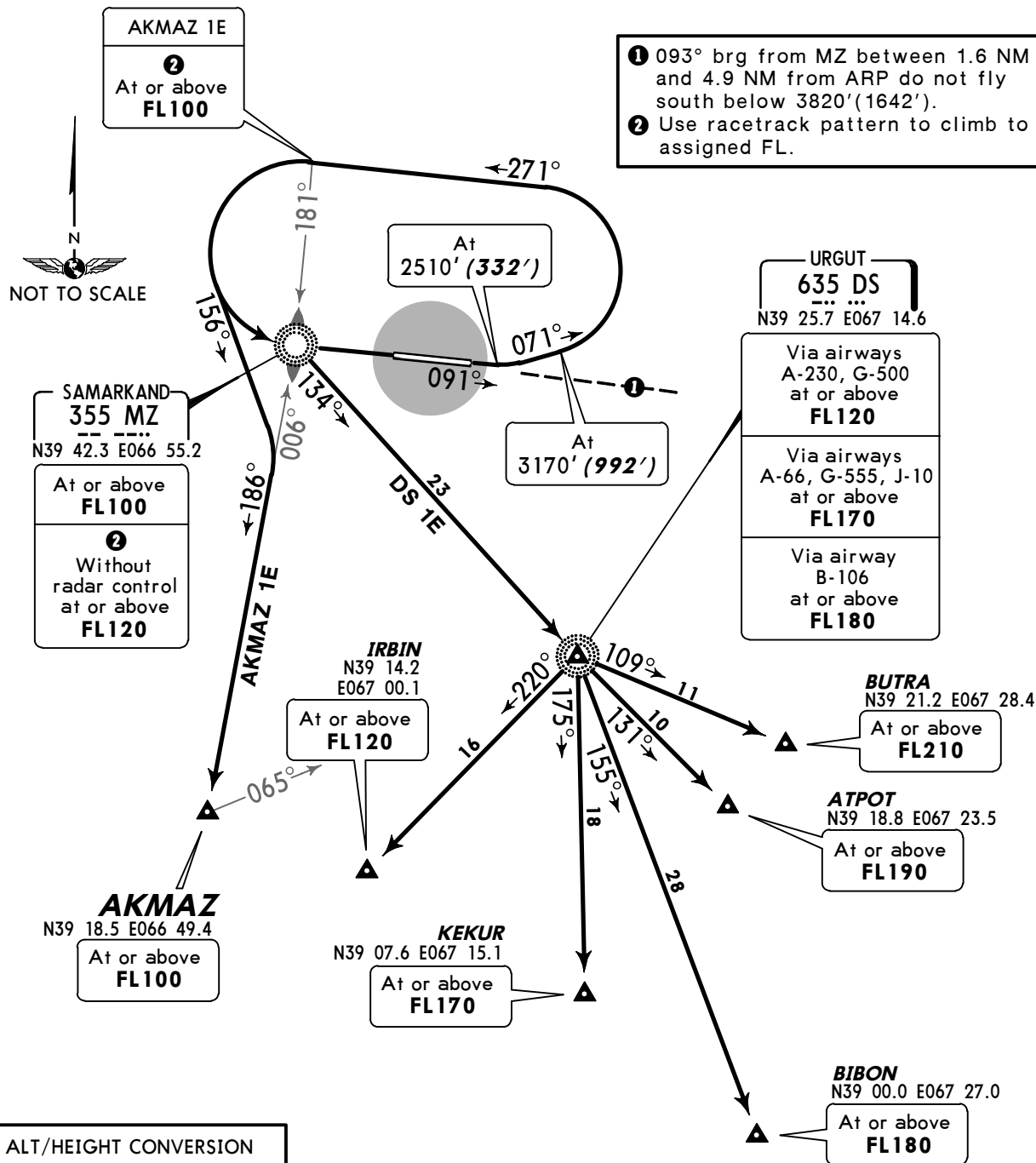
Climb on 271° track to 4200' (1979'), turn RIGHT, intercept 091° bearing to PD, climbing to assigned FL.

Apt Elev
2225'

QNH on request (QFE)
Trans level: FL70 Trans alt: 4200' (2022')
Mountainous terrain.



AKMAZ ONE ECHO (AKMAZ 1E) [AKMA1E]
URGUT ONE ECHO (DS 1E)
RWY 09 DEPARTURES
~~SPEED~~ MAX 250 KT BELOW FL100



ALT/HEIGHT CONVERSION	
QNH	(QFE)
2510'	(332' - 100m)
3170'	(992' - 300m)
3820'	(1642' - 500m)
4200'	(2022' - 600m)

INITIAL CLIMB

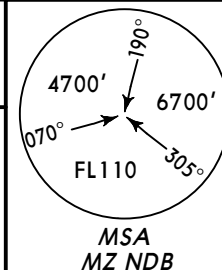
Climb on 091° track to 2510'(332'), turn LEFT, 071° track, at 3170'(992') turn LEFT, 271° track, climbing to assigned FL.

SID	ROUTING
AKMAZ 1E	When passing 181° bearing to MZ turn LEFT, 156° track, turn RIGHT, intercept 186° bearing from MZ to AKMAZ.
DS 1E	When passing 181° bearing to MZ turn LEFT to MZ, turn RIGHT, 134° bearing to DS.

Apt Elev
2225'

QNH on request (QFE)
Trans level: FL70
Mountainous terrain.

Trans alt: 4200' (1979')



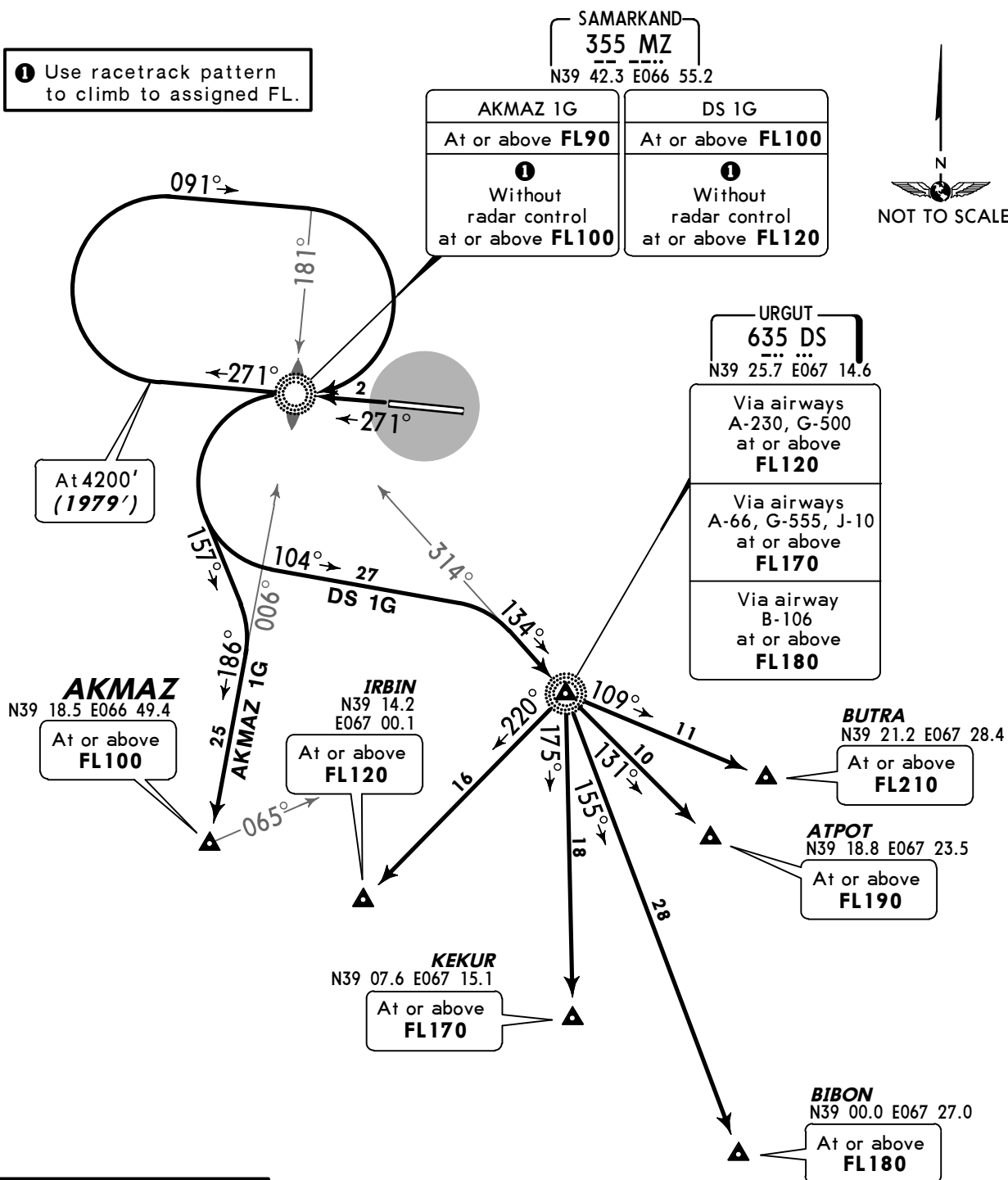
AKMAZ ONE GOLF (AKMAZ 1G) [AKMA1G]

URGUT ONE GOLF (DS 1G)

RWY 27 DEPARTURES

~~SPEED~~ MAX 250 KT BELOW FL100

① Use racetrack pattern to climb to assigned FL.



ALT/HEIGHT CONVERSION

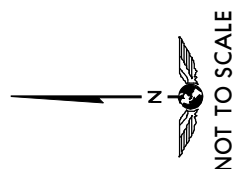
QNH (QFE)

4200' (1979' - 600m)

INITIAL CLIMB

Climb on 271° track to 4200'(1979'), turn RIGHT, 091° track, climbing to assigned FL, when passing 181° bearing to MZ turn RIGHT to MZ, turn LEFT.

SID	ROUTING
AKMAZ 1G	157° track, turn RIGHT, intercept 186° bearing from MZ to AKMAZ.
DS 1G	104° track, turn RIGHT, intercept 134° bearing from MZ to DS.

Trans alt: 4200' (**2022'**)

ALT/HEIGHT CONVERSION (QFE)		INITIAL CLIMB	
QNH		SID	ROUTING
2510'	(332' - 100m)	CLIMB	271° track, climbing to assigned FL, when passing 181° bearing to MZ turn LEFT, intercept 261° bearing to DY.
3170'	(992' - 300m)	DY 1E	271° track, climbing to assigned FL, when passing 181° bearing to MZ turn LEFT, intercept 261° bearing to DY.
3820'	(1642' - 500m)	KULIL 1E	271° track, climbing to assigned FL, when passing 181° bearing to MZ turn RIGHT, 286° track, turn RIGHT, intercept 316° bearing from MZ to KULIL.
4200'	(2022' - 600m)		

Apt Elev
2225'

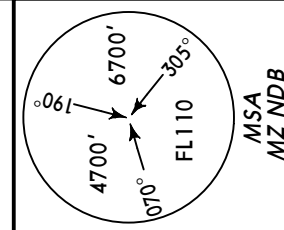
QNH on request (QFE)
Mountainous terrain.

Trans level: FL70

Trans alt: 4200' (1979')

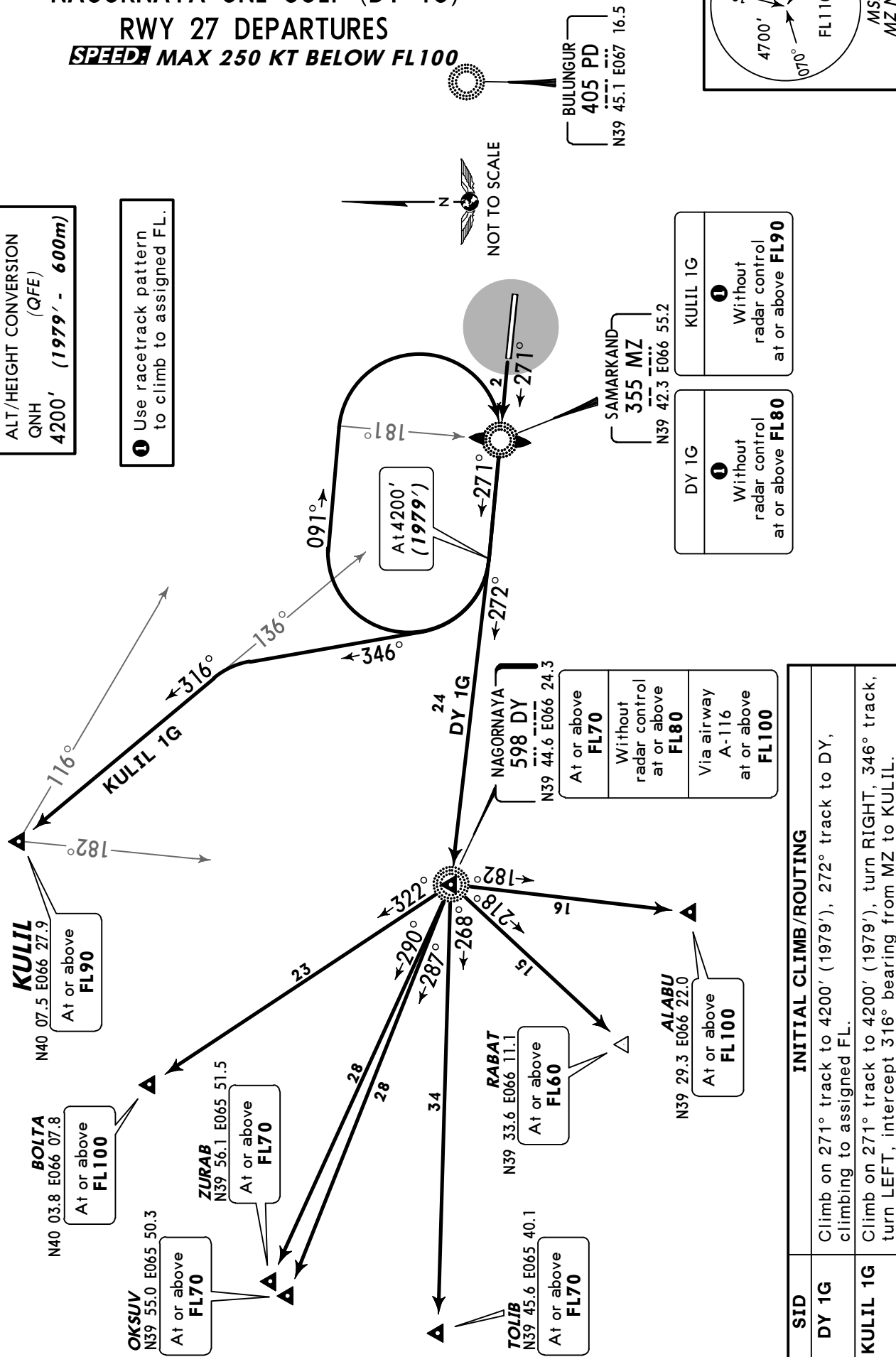
**KULIL ONE GOLF (KULIL 1G) [KULI1G]
NAGORNAYA ONE GOLF (DY 1G)
RWY 27 DEPARTURES**

~~SPEED~~ MAX 250 KT BELOW FL100



ALT/HEIGHT CONVERSION
QNH
4200' (1979' - 600m)

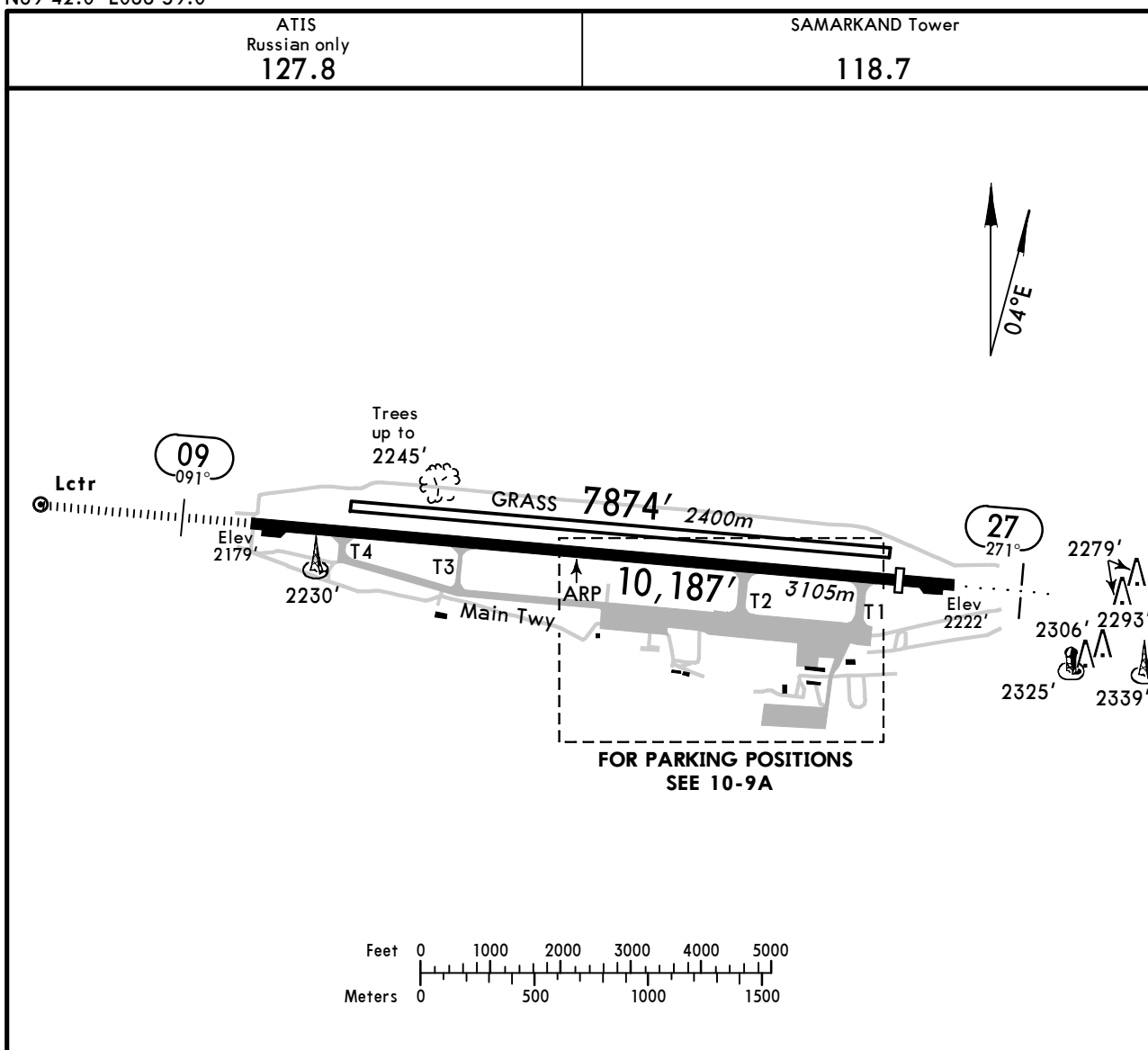
① Use racetrack pattern
to climb to assigned FL.



INITIAL CLIMB/ROUTING

SID

DY 1G	Climb on 271° track to 4200' (1979'), 272° track to DY, climbing to assigned FL.
KULIL 1G	Climb on 271° track to 4200' (1979'), turn RIGHT, 346° track, turn LEFT, intercept 316° bearing from MZ to KULIL.



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					LANDING	BEYOND		
					Threshold	Glide Slope		
09	HIRL (60m)	HIALS	PAPI-L	RVR		7874' 2400m	①	161'
27	HIRL (60m)	MIALS	PAPI-L	RVR	9400' 2865m	8489' 2587m		49m
09	Grass runway							197'
27								60m

① TAKE-OFF RUN AVAILABLE

RWY 09:

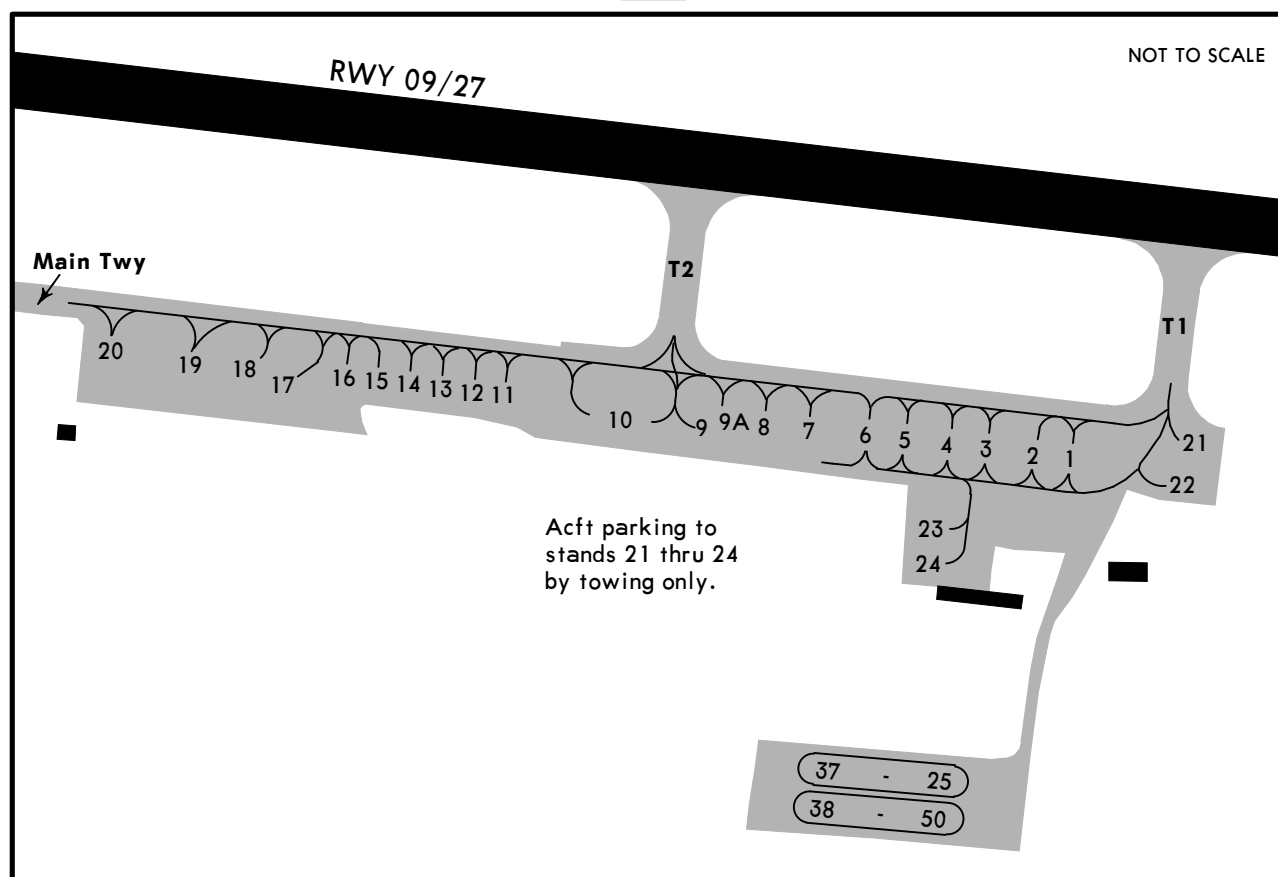
From rwy head	10,187' (3105m)
twy T4 int	9023' (2750m)
twy T3 int	7218' (2200m)

RWY 27:

From rwy head	10,187' (3105m)
twy T1 int	9023' (2750m)
twy T2 int	7218' (2200m)

TAKE-OFF

AIR CARRIER (JAA)			
Main rwy 09	Main rwy 27		
RCLM (DAY only) or RL	LVP must be in force		RCLM (DAY only) or RL
	DAY RCLM or RL	NIGHT RL	
A	300m	300m	400m
B			
C		400m	
D			



INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
1	N39 41.8 E066 59.8	10	N39 41.8 E066 59.5
2 thru 4	N39 41.8 E066 59.7	11 thru 14	N39 41.9 E066 59.3
5 thru 7	N39 41.8 E066 59.6	15 thru 17	N39 41.9 E066 59.2
8, 9	N39 41.8 E066 59.5	18, 19	N39 41.9 E066 59.1
9A	N39 41.8 E066 59.6	20	N39 41.9 E066 59.0

STRAIGHT-IN RWY		A	B	C	D
09	ILS	2379' (200')	2379' (200')	2393' (214')	2393' (214')
		800m	800m	800m	800m
	ALS out	1200m	1200m	1200m	1200m
	LOC	NOT AUTHORIZED			
	2 NDB ❶	2560' (381')	2560' (381')	2560' (381')	2560' (381')
		1700m	1700m	1800m	1800m
	NDB ❶	2840' (661')	2840' (661')	3170' (991')	3170' (991')
		2500m	2500m	5000m	5000m
	ALS out	3100m	3100m	5000m	5000m
27	ILS	3042' (820')	3042' (820')	3042' (820')	3042' (820')
		3500m	3500m	3500m	3500m
	LOC	NOT AUTHORIZED			
	NDB ❶❷	3110' (888')	3110' (888')	NOT APPLICABLE	
		ceil 700m - 5000m	ceil 700m - 5000m		

❶ Continuous Descent Final Approach

❷ W/o Radar: DA(H) 3000'(821'), 3100m, ALS out 3800m.

❸ DAYTIME only.

CIRCLE-TO-LAND	A	B	C	D
	NOT AUTHORIZED			

TAKE-OFF RWY 09

RCLM (DAY only) or RL		NIL (DAY only)	
A	ceiling 220m - 1700m		
B			
C	ceiling 240m - 1800m		
D			

TAKE-OFF RWY 27

LVP must be in Force			
DAY RCLM or RL	NIGHT RL	RCLM (DAY only) or RL	NIL (DAY only)
300m	300m	400m	500m
	400m		

STRAIGHT-IN RWY		A	B	C	D
09	ILS	2379' (200')	2379' (200')	2393' (214')	2393' (214')
		800m	800m	800m	800m
	ALS out	1000m	1000m	1000m	1000m
	LOC	NOT AUTHORIZED			
	2 NDB	2560' (381')	2560' (381')	2560' (381')	2560' (381')
	ALS out	1700m	1700m	1700m	1700m
27		1700m	1700m	1800m	2000m
	NDB	2840' (661') ①	2840' (661') ①	3170' (991')	3170' (991')
		2500m	2500m	5000m	5000m
	ILS	3042' (820')	3042' (820')	3042' (820')	3042' (820')
		3500m	3500m	3500m	3500m
	LOC	NOT AUTHORIZED			
	NDB ②	3110' (888')	3110' (888')	NOT APPLICABLE	
		ceil 700m - 5000m	ceil 700m - 5000m		

① W/o Radar: 3000' (821'), 3000m.

② DAYTIME only.

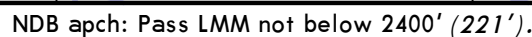
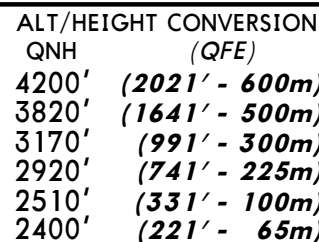
CIRCLE-TO-LAND	A	B	C	D
	NOT AUTHORIZED			

TAKE-OFF RWY 09, 27

Rwy 09		Rwy 27				
RCLM (DAY only) or RL		LVP must be in Force		RCLM (DAY only) or RL		
NIL (DAY only)		DAY RCLM or RL	NIGHT RL	NIL (DAY only)		
A	ceil 220m - 1700m	300m	300m	400m	500m	
B						
C	ceil 240m - 1800m		400m			
D						

MARKAND, UZBEKISTAN
ILS or 2 NDB Rwy 09

MSA
MZ NDB

Trans alt: 4200' (**2021'**)

071° LT	3170' (991')
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CIRCLE-TO-LAND	
A	NOT AUTH
B	
C	
D	

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UTSS/SKD SAMARKAND

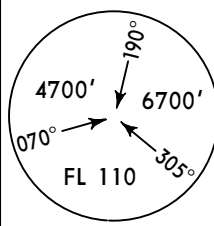
4 NOV 11
Eff 17 Nov

11-2

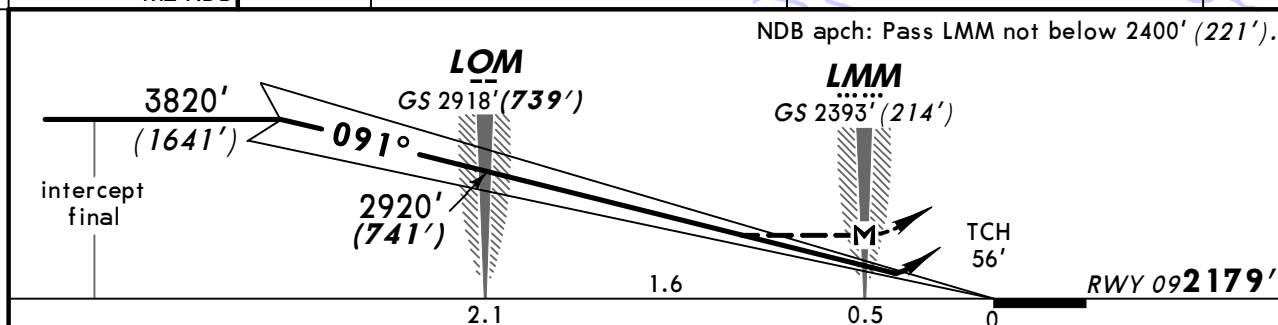
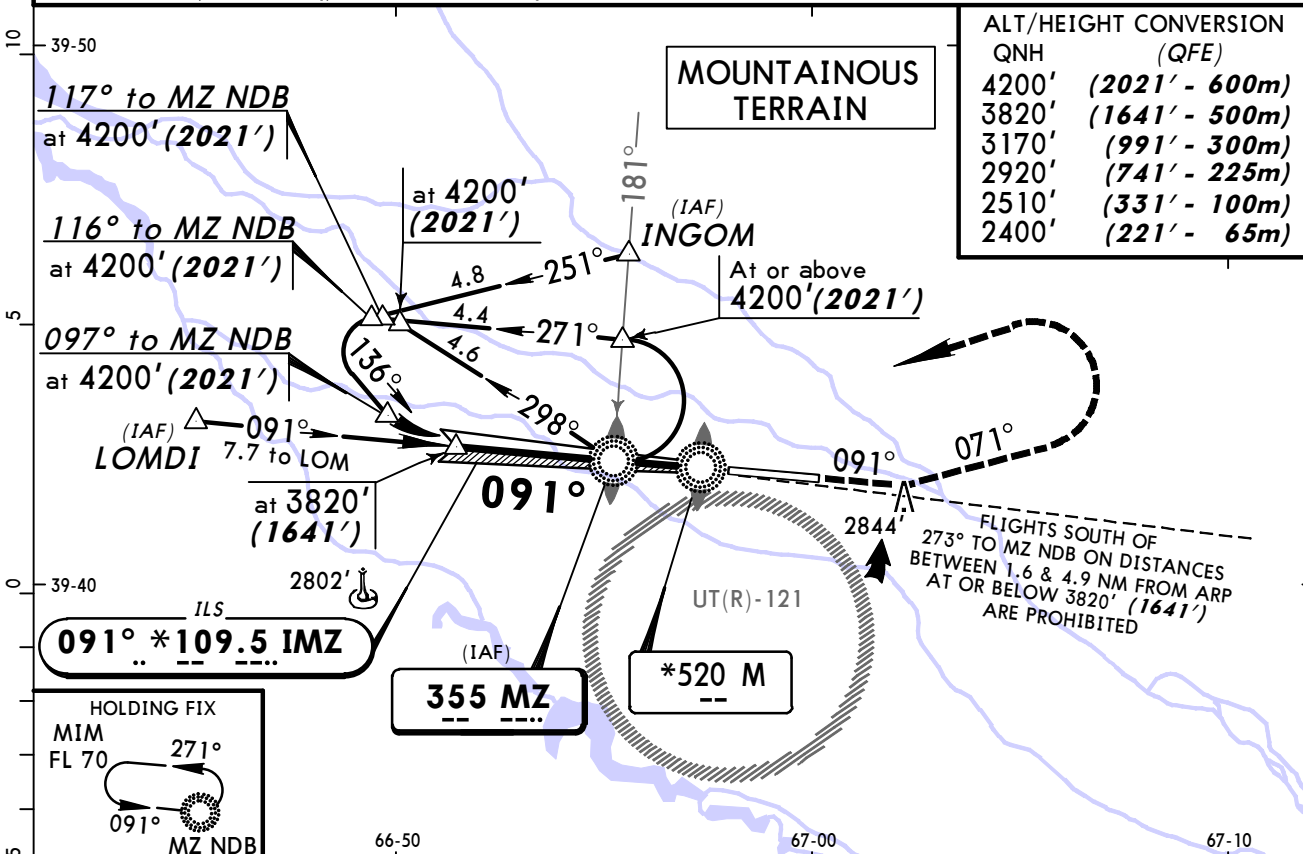
CAT A & B

SAMARKAND, UZBEKISTAN
ILS or 2 NDB Rwy 09

BRIEFING STRIP™

ATIS 127.8 Russian only		SAMARKAND Approach 120.8		SAMARKAND Tower 118.7	
LOC IMZ *109.5	Final Apch Crs 091°	GS LOM 2918'(739')	ILS DA(H) 2379'(200')	Apt Elev 2225' RWY 2179'	
NDB MZ 355		Minimum Alt LOM 2920'(741')	2 NDB MDA(H) 2560'(381')		
MISSED APCH: Climb on 091° to 2510' (331'), then turn LEFT onto 071° climbing to 3170' (991'), then turn LEFT to MZ NDB climbing to 4200' (2021'), then according to chart, or as directed.					

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 4200' (2021')



2510' (331')	091°	071°	3170' (991')
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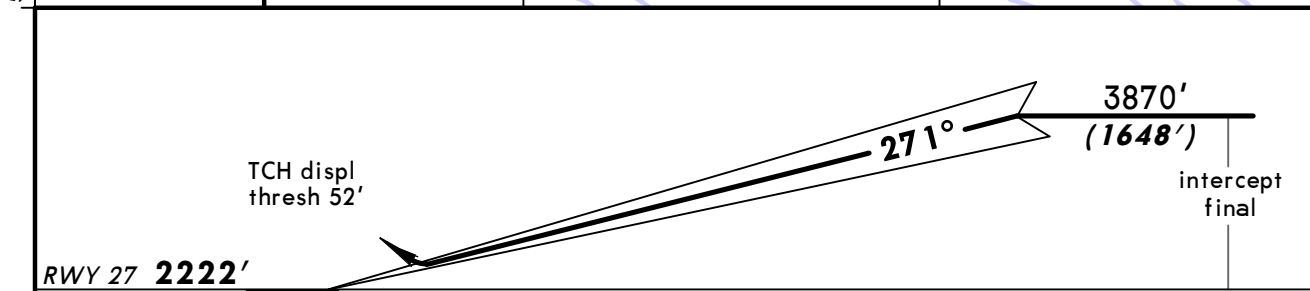
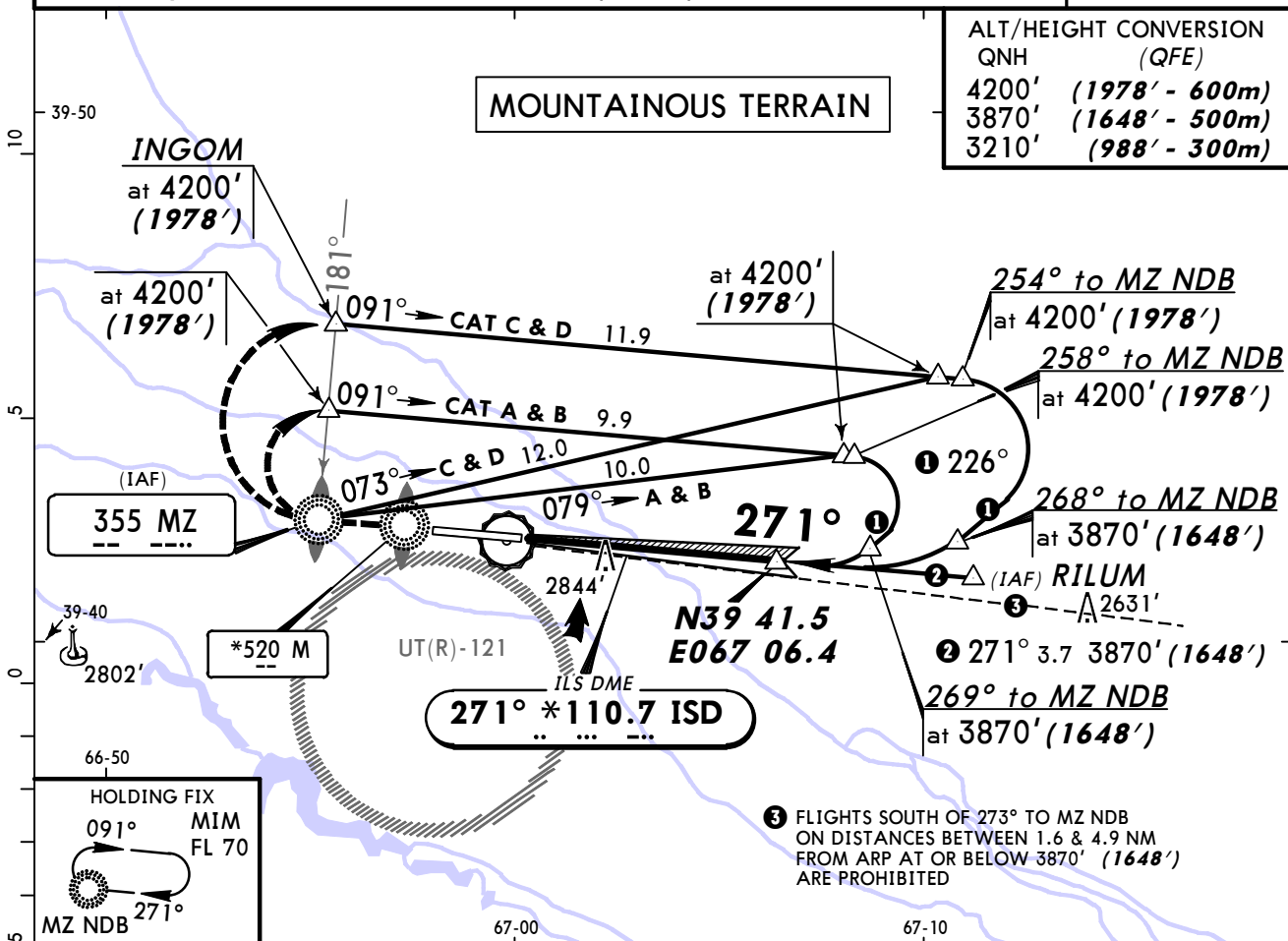
ILS		LOC (GS out)		2 NDB		NDB with Radar		CIRCLE-TO-LAND	
DA(H) 2379'(200')				MDA(H) 2560'(381')		MDA(H) 2840'(661')			
FULL		ALS out		ALS out		ALS out			
A	800m	1200m			1700m	2500m			
B									
C	see 11-1		NOT AUTH		see 11-1	see 11-1			NOT AUTH
D									

W/o Radar: MDA(H) 3000'(821'), 3000m.

CHANGES: Transition level. MSA. Minimum holding FL.

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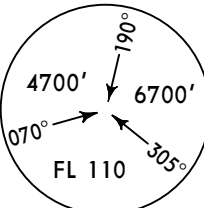
ATIS Russian only 127.8		SAMARKAND Approach 120.8		SAMARKAND Tower 118.7	
LOC ISD *110.7	Final Apch Crs 271°	GS No alt published	ILS DA(H) 3042' (820')	Apt Elev 2225' RWY 2222'	
MISSED APCH: Climb on 271° to 3210' (988'), then turn RIGHT onto 091° climbing to 4200' (1978'), then according to chart, or as directed.					MSA MZ NDB
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 4200' (1978') 1. DME required. 2. ILS DME reads zero at rwy 27 displ threshold.					

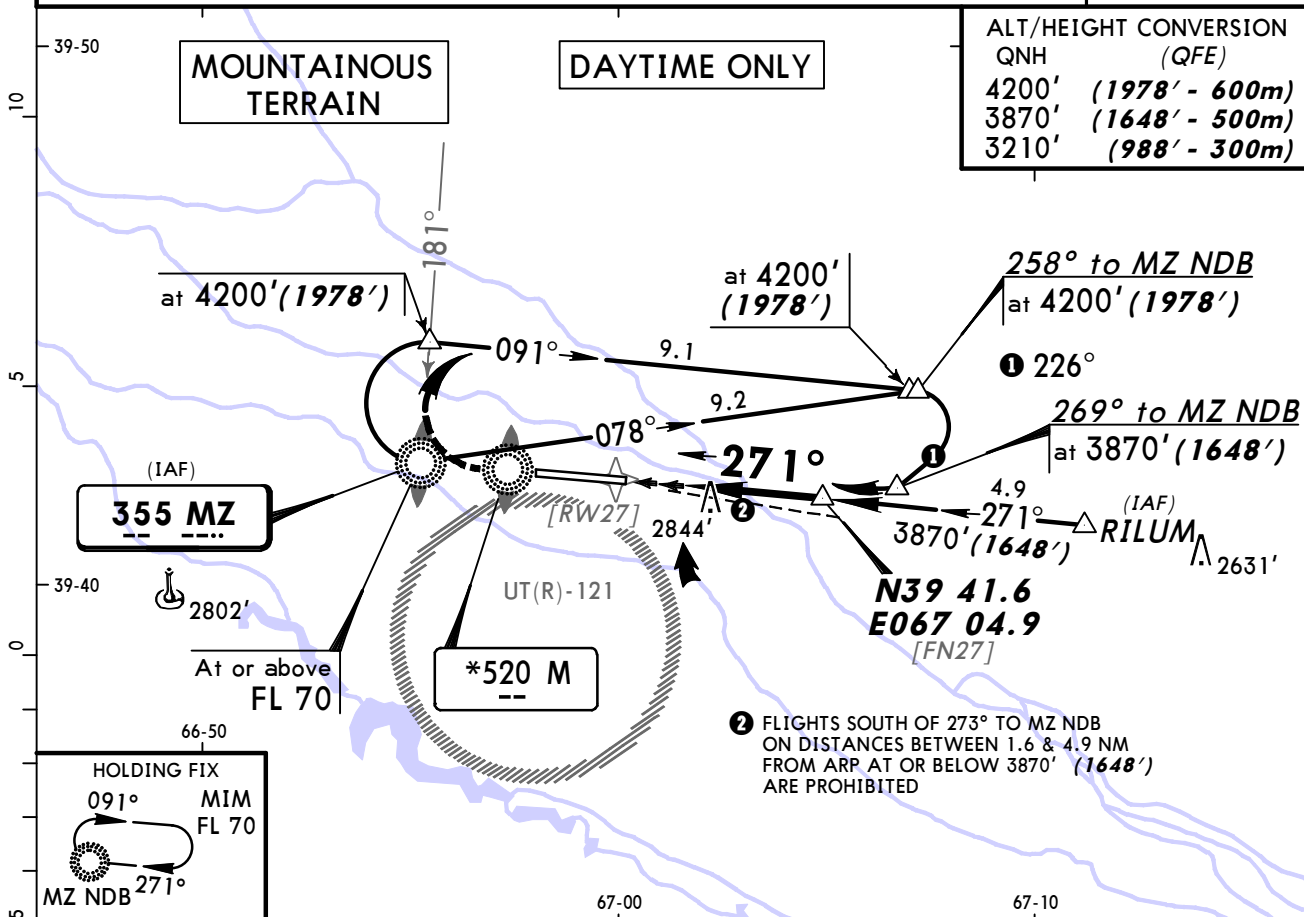


Gnd speed-Kts	70	90	100	120	140	160		MIALS	3210' (988') on 271°	091°	4200' (1978')
GS 3.00°	377	484	538	646	753	861		PAPI		RT	

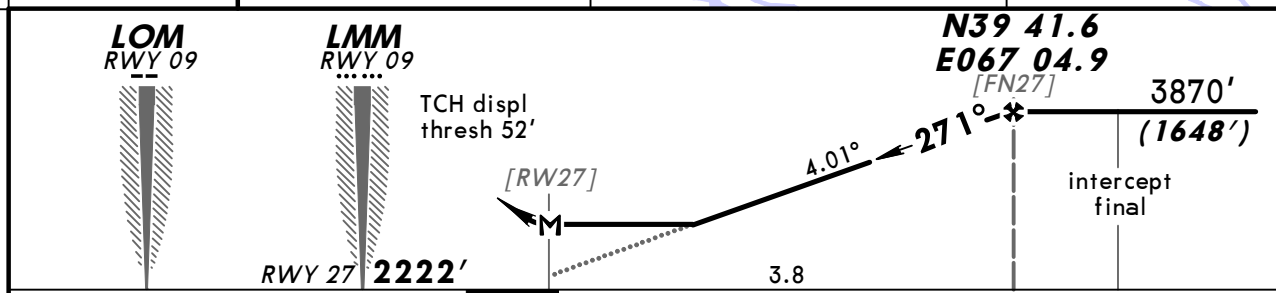
STRAIGHT-IN LANDING RWY 27 ILS DA(H) 3042' (820') FULL ALS out				LOC (GS out)				CIRCLE-TO-LAND			
A	3500m				NOT AUTHORIZED				A	NOT AUTHORIZED	
B									B		
C									C		
D									D		

BRIEFING STRIP

ATIS Russian only 127.8		SAMARKAND Approach 120.8		SAMARKAND Tower 118.7	
NDB MZ 355	Final Apch Crs 271°	Minimum Alt N39 41.6 E067 04.9 3870'(1648')	MDA(H) 3110'(888')	Apt Elev 2225' RWY 2222'	
MISSED APCH: Climb on 271° to 3210' (988'), then turn RIGHT onto 091° climbing to 4200' (1978'), then according to chart, or as directed.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 4200'(1978') 1. RADAR is mandatory. 2. Landing with tailwind component is PROHIBITED.					



② FLIGHTS SOUTH OF 273° TO MZ NDB ON DISTANCES BETWEEN 1.6 & 4.9 NM FROM ARP AT OR BELOW 3870' (1648') ARE PROHIBITED



Gnd speed-Kts	70	90	100	120	140	160	MIALS	3210' (988')	on 271°	091°	4200' (1978')
Descent angle	4.01°	497	639	710	852	994	1136	PAPI		RT	
FAF to MAP	3.8	3:15	2:32	2:17	1:54	1:38	1:26				

STRAIGHT-IN LANDING RWY 27				CEILING REQUIRED		CIRCLE-TO-LAND			
MDA(H) 3110'(888')				ALS out		NOT AUTHORIZED			
A	700m - 5000m				A				
B					B				
C	NOT APPLICABLE				C				
D					D				

PANS OPS

SAMARKAND, (SAMARKAND - UTSS)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UTSS