

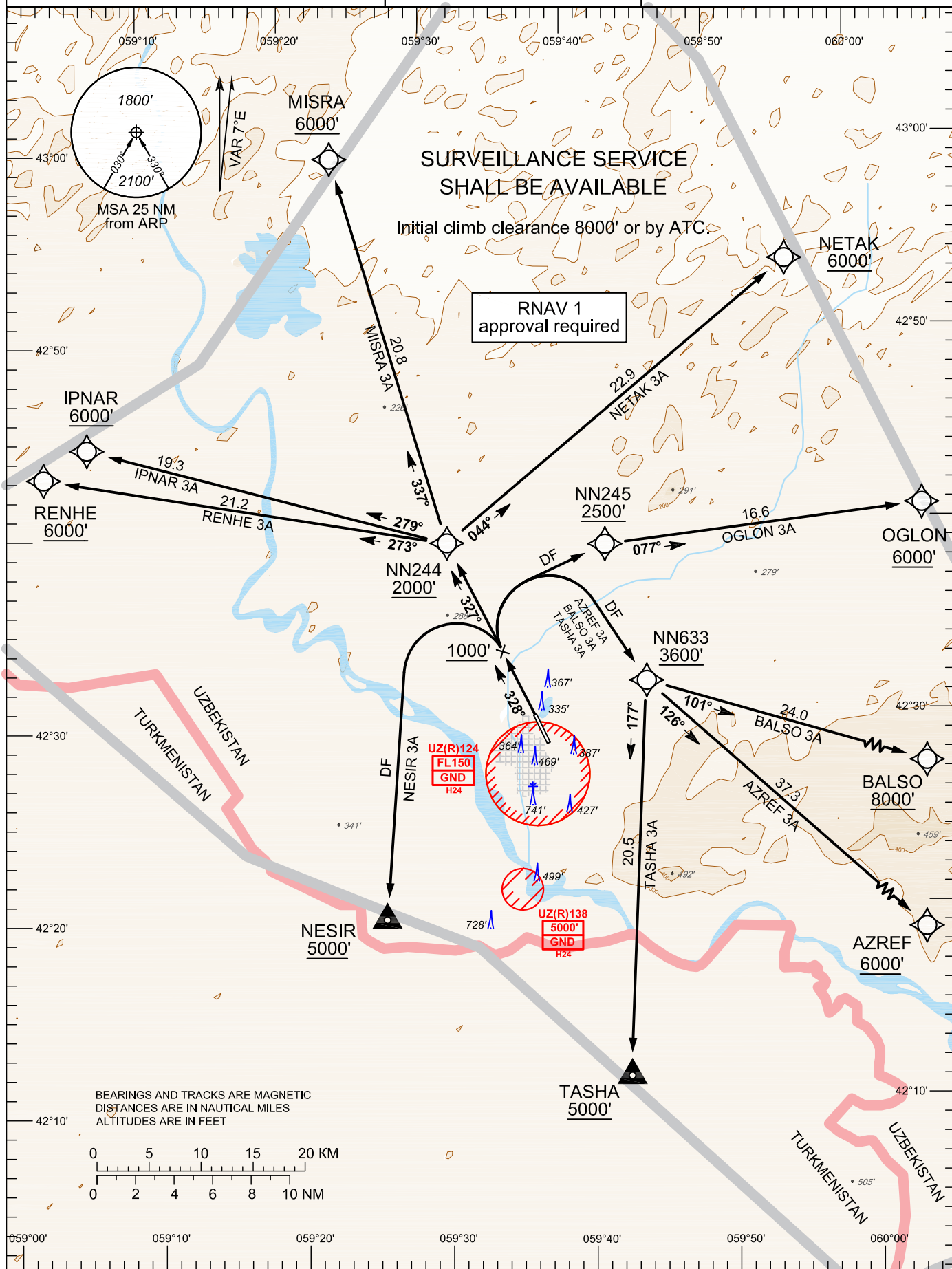
**STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO**

AD ELEV 249'
THR ELEV 245'
TRANSITION LEVEL FL150
TRANSITION ALTITUDE 13000'

NUKUS TOWER 121.3
NUKUS APPROACH 129.3

**NUKUS/UZNN
RNAV(GNSS) RWY33**

AZREF 3A, BALSO 3A, IPNAR 3A,
MISRA 3A, NESIR 3A, NETAK 3A,
OGLON 3A, RENHE 3A, TASHA 3A.



STANDARD DEPARTURE ROUTES - RNAV (GNSS) INSTRUMENTAL - RWY33

GENERAL: Surveillance service shall be available.
Initial climb clearance 8000' or instructed by ATC.
Maximum speed below 10000': IAS 250 KT
unless otherwise stated under Speed Limit, or instructed by ATC.

NON RNAV 1 ACFT: At first contact with NUKUS TOWER state "UNABLE RNAV 1".
OMNI-DIRECTIONAL DEPARTURE is available (see page 4.6).

NOTE: Flocks of birds in the vicinity of aerodrome.

AZREF 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.1	-	-	+A1000	-	RNAV 1	
DF	NN633	-	-	-	-	R	+A3600	-	RNAV 1	
TF	AZREF	-	126 (133.0)	+7.2	37.3	L	+A6000	-	RNAV 1	

BALSO 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.1	-	-	+A1000	-	RNAV 1	
DF	NN633	-	-	-	-	R	+A3600	-	RNAV 1	
TF	BALSO	-	101 (107.6)	+7.1	24.0	L	+A8000	-	RNAV 1	

IPNAR 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.0	-	-	+A1000	-	RNAV 1	
CF	NN244	-	327 (334.5)	+7.0	-	-	+A2000	-	RNAV 1	
TF	IPNAR	-	279 (286.1)	+7.1	19.3	L	+A6000	-	RNAV 1	

MISRA 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.0	-	-	+A1000	-	RNAV 1	
CF	NN244	-	327 (334.5)	+7.0	-	-	+A2000	-	RNAV 1	
TF	MISRA	-	337 (344.6)	+7.1	20.8	R	+A6000	-	RNAV 1	

NESIR 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.0	-	-	+A1000	-	RNAV 1	
DF	NESIR	-	-	-	-	L	+A5000	-	RNAV 1	

Continued on the next page

NETAK 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.0	-	-	+A1000	-	RNAV 1	
CF	NN244	-	327 (334.5)	+7.0	-	-	+A2000	-	RNAV 1	
TF	NETAK	-	044 (051.3)	+7.1	22.9	R	+A6000	-	RNAV 1	

OGLON 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.0	-	-	+A1000	-	RNAV 1	
DF	NN245	-	-	-	-	R	+A2500	-	RNAV 1	
TF	OGLON	-	077 (084.1)	+7.1	16.6	R	+A6000	-	RNAV 1	

RENHE 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.0	-	-	+A1000	-	RNAV 1	
CF	NN244	-	327 (334.5)	+7.0	-	-	+A2000	-	RNAV 1	
TF	RENHE	-	273 (280.4)	+7.1	21.2	L	+A6000	-	RNAV 1	

TASHA 3A

Path Descriptor	WPT Identifier	Fly- over	Course/Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	Navigation specification	Remarks
CA	-	-	328 (334.5)	+7.0	-	-	+A1000	-	RNAV 1	
DF	NN633	-	-	-	-	R	+A3600	-	RNAV 1	
TF	TASHA	-	177 (184.1)	+7.0	20.5	R	+A5000	-	RNAV 1	