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Revision Letter For Cycle 08-2012

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General Information

Location: Kulob Tjk
IATA Code: TJU
Lat/Long: N37° 59.3' E069° 48.4'
Elevation: 2295 ft

Airport Use: Public
Magnetic Variation: 3.8°E

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

Sunrise: 0039 Z
Sunset: 1400 Z,

Runway Information

Runway: 01
Length x Width: 9843 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 2150 ft
Lighting: Edge, ALS

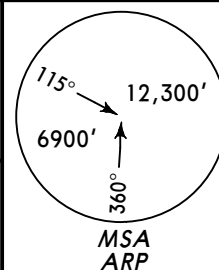
Runway: 19
Length x Width: 9843 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 2295 ft
Lighting: Edge

Communication Information

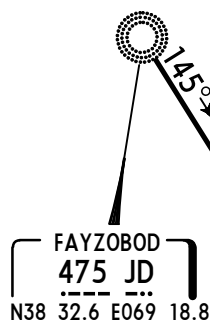
Kulob Tower Approach Control 118.5

Apt Elev
2295'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL90
FL100, if pressure is less than 678 mm (903.9 hPa)
Trans alt: 7220' (5070')
Crossings at airway exit points by ATC.

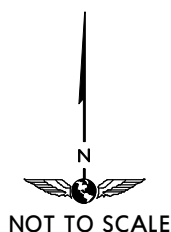


DANGARA 1A (HU 1A), FAYZOBOD 1A (JD 1A)
RAMAN 1A [RAMA1A]
RWY 01 ARRIVALS



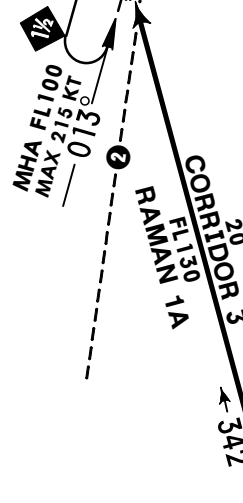
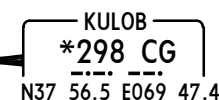
- 1 198° to ARP within 16.2 NM
do not fly east below FL110.
- 2 005° to ARP within 16.2 NM
do not fly east below FL110.

LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS
Maintain last assigned FL (but not below safe FL) proceeding to CG. Join holding pattern and reach FL for commencing the approach-to-land manoeuvre. After passing CG commence descent for approach-to-land according to the established pattern.
LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS



Direct distance from CG to:
Kulob Apt 3 NM

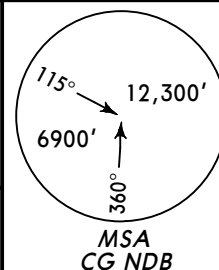
ALT/HEIGHT CONVERSION
QNH (QFE)
7220' (5070' - 1500m)



RAMAN
N37 37.0
E069 54.0

Apt Elev
2295'

QNH on request (QFE)
Trans level: FL90
FL100, if pressure is less than 678 mm (903.9 hPa)
Trans alt: 7220' (4925')
1. MAX 240 KT in climb, minimum bank angle 20°.
2. Crossings at airway entry points by ATC.



ALT/HEIGHT CONVERSION
QNH (QFE)
4600' (2305' - 700m)
7220' (4925' - 1500m)

DANGARA 19D (HU 19D) FAYZOBOD 19D (JD 19D) RAMAN 19D [RAM19D] RWY 19 DEPARTURES

FAYZOBOD
475 JD
N38 32.6 E069 18.8

DANGARA
*1000 HU
N38 05.0 E069 20.0

N38 03.9 E069 33.3
At or above
FL100

N37 56.3 E069 33.5
At or above
FL90

RAMAN 19D

N38 00.0 E069 42.8

KULOB
*298 CG
N37 56.5 E069 47.4
RAMAN 19D
ON RETURN
At or above
FL130

HU 19D
JD 19D
RAMAN 19D
At 4600'
(2305')

RAMAN
N37 37.0 E069 54.0



These SIDs require minimum climb gradients of

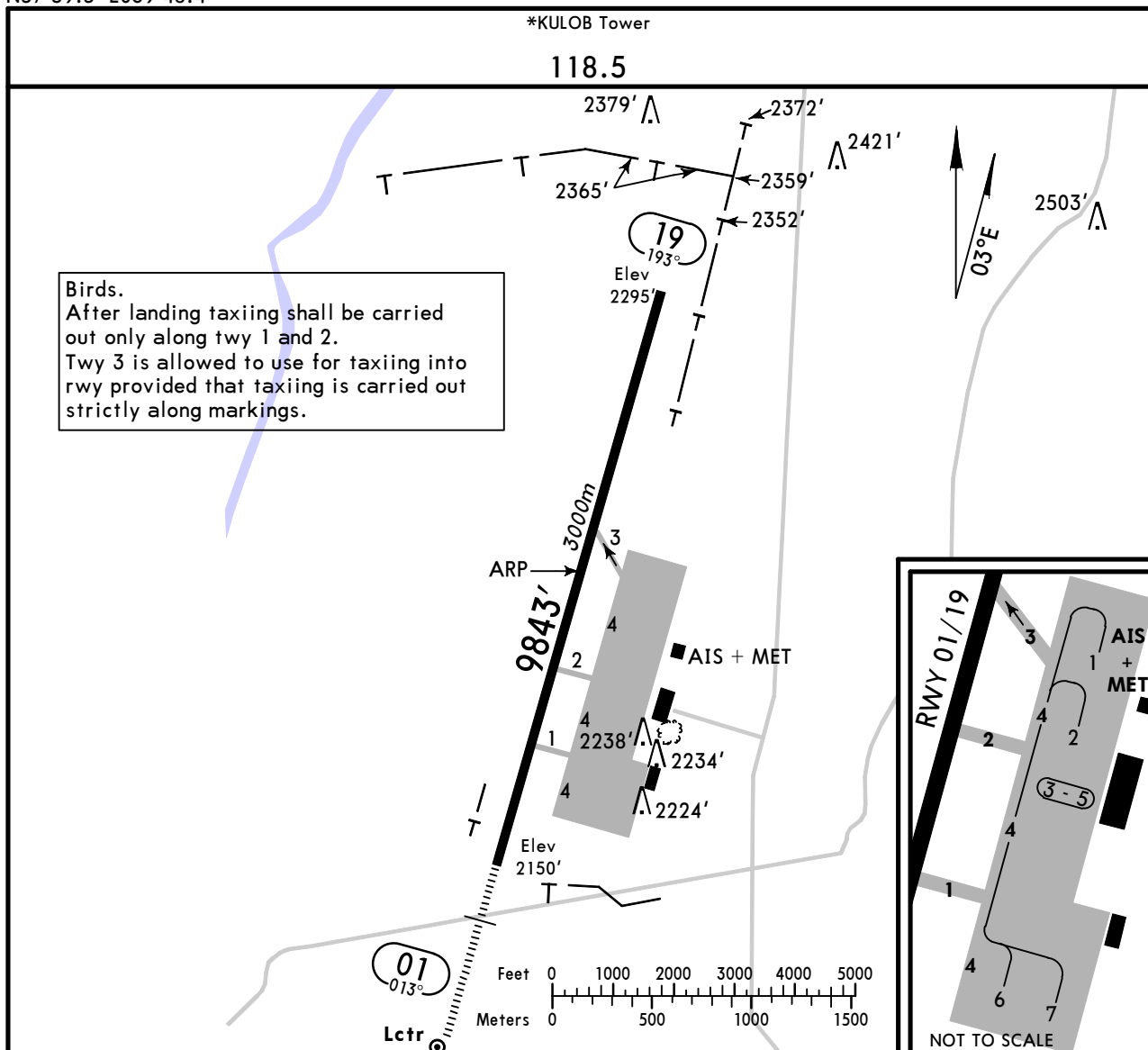
HU 19D
322' per NM (5.3%).

JD 19D
316' per NM (5.2%) up to 4600' (2305'), then
237' per NM (3.9%).

RAMAN 19D
316' per NM (5.2%) up to 4600' (2305'), then
280' per NM (4.6%).

Gnd speed-KT	75	100	150	200	250	300
322' per NM	403	537	805	1073	1342	1610
316' per NM	395	527	790	1053	1317	1580
280' per NM	349	466	699	932	1165	1398
237' per NM	296	395	592	790	987	1185

SID	ROUTING
HU 19D	To CG, turn RIGHT, 220° track climbing to 4600' (2305'), turn RIGHT, 307° track to HU climbing to FL110.
JD 19D	To CG, turn RIGHT, 220° track climbing to 4600' (2305'), turn RIGHT, 336° track to JD climbing to FL130.
RAMAN 19D	To CG, turn RIGHT, 220° track climbing to 4600' (2305'), turn RIGHT, 034° track, at 130° bearing to CG turn RIGHT to CG climbing to FL130, then to RAMAN.



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
	RL (60m)	HIALS	PAPI-L	Threshold	Landing Beyond		
01					9127' 2782m	①	138'
19				①		9514' 2900m	42m

① Not published.

TAKE-OFF

AIR CARRIER (JAA) All Rwy's

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

118.5

MSA
CG NDB

Trans alt: 7220' (**5070'**)

1 FL 100, if pressure is less than 678mm (903.9 hPa)

2 198° TO ARP WITHIN 16.2 NM
DO NOT FLY EAST BELOW FL 110

*615 C

*298 CG
--- --

MIM FL 100
MAX 215 KT

ILS
013° *108.1 ICG
.. --- --

013°
193°
033°
005° TO ARP WITHIN 16.2 NM
DO NOT FLY EAST BELOW FL 110

4424'
3351'
4165'
3436'
7015'
9354'
9265'

4000
3000
4000
5000
6000
7000
8000

38-00
69-40
69-50
70-00

033°
to LOM

6090'
(3940')

③ 2396' (246')
with radio altimeter.

LOM
GS 2855' (705')

NDB
013°
2970' (820')

LMM
FL 110
GS ③ 2363' (213')

NDB apch: Pass LMM
not below 2380' (230').

TCH
49'

RWY 01 2150'

1.6

0.5

0

<i>Gnd speed-Kts</i>	70	90	100	120	140	160				
<i>ILS GS</i> 3.03°	380	489	543	652	761	869				
<i>NDB Desc Angle</i> 3.32°	411	529	587	705	822	940				
<i>MAP at LMM</i>										

A	NOT APPLICABLE		NA	1200m	1600m	
B						
C	800m	1200m			2000m	
D		1300m			2400m	

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KULOB, (KULOB - UTDK)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UTDK