Page 1
Changed chart(s) since Disc 22-2010
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE

No revision activity since Disc 22-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UACK

General Info

Kokshetau, KAZ
N 53° 19.7' E 69° 35.7' Mag Var: 11.0°E
Elevation: 886'

Public, IFR, Control Tower, Customs
Fuel: Jet A-1
Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+6:00 uses DST

Runway Info

Runway 02-20 8356' x 146' concrete

Runway 02 (21.0°M) TDZE 886'
  Lights: Edge, ALS
Runway 20 (201.0°M) TDZE 873'
  Lights: Edge, ALS

Communications Info

Kokshetau Tower **127.9**
Kokshetau Tower **124.0** Secondary

Notebook Info

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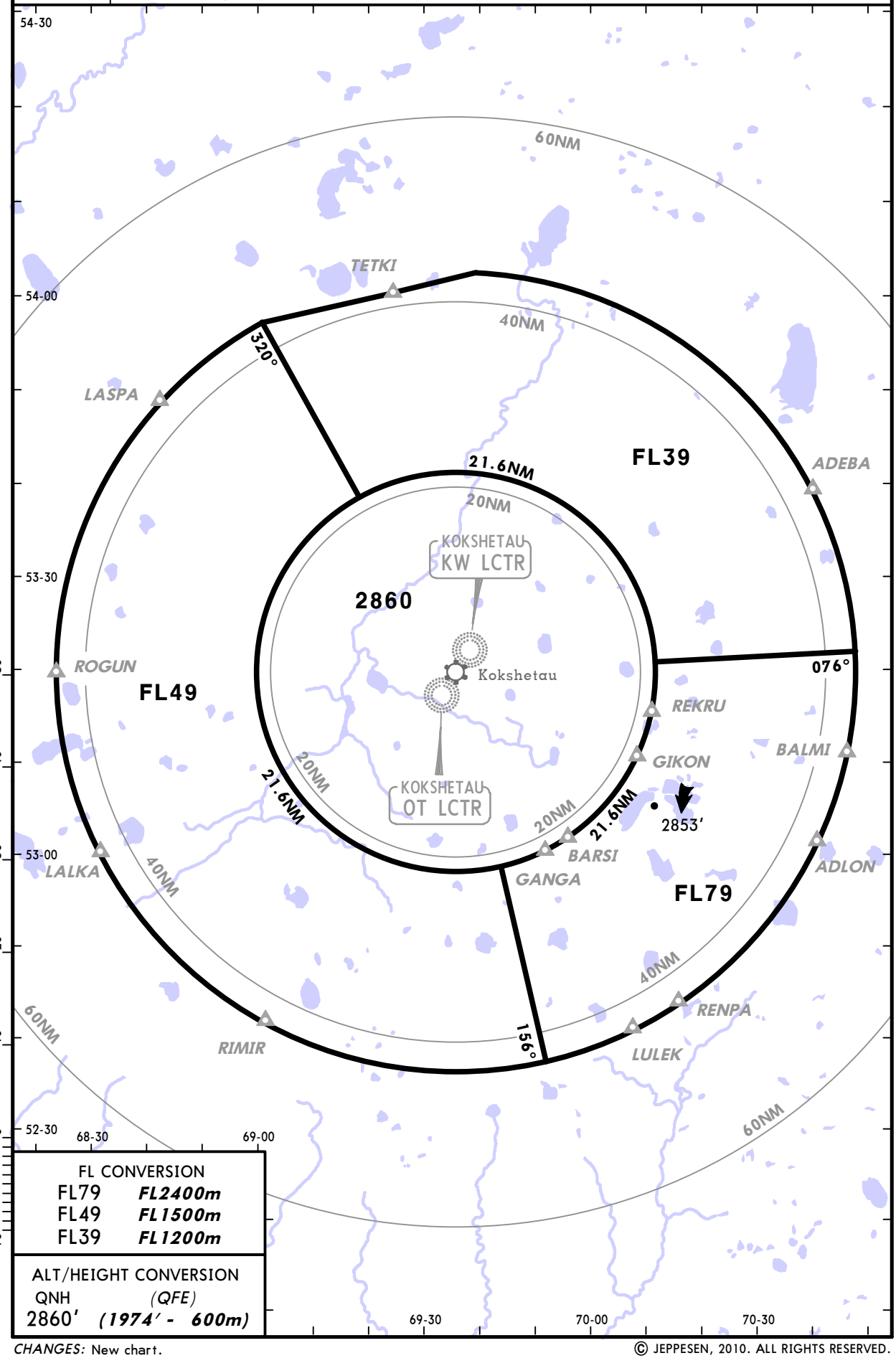
UACK/KOV
KOKSHETAU

JEPPESEN 26 MAR 10 (10-1R) Eff 8 Apr

KOKSHETAU, KAZAKHSTAN
RADAR MINIMUM ALTITUDES

Apt Elev 886′	Alt Set: MM (hPa on request) QNH on request **(QFE)** Trans level: FL39 Trans alt: 2860′ ***(1974′)*** 1. This chart may only be used for cross-checking of altitudes assigned while under radar control. 2. Levels assigned by ATC include a correction for low temperature effect if necessary.



FL CONVERSION	
FL79	***FL2400m***
FL49	***FL1500m***
FL39	***FL1200m***

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2860′	***(1974′ - 600m)***

CHANGES: New chart.

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UACK/KOV
KOKSHETAU

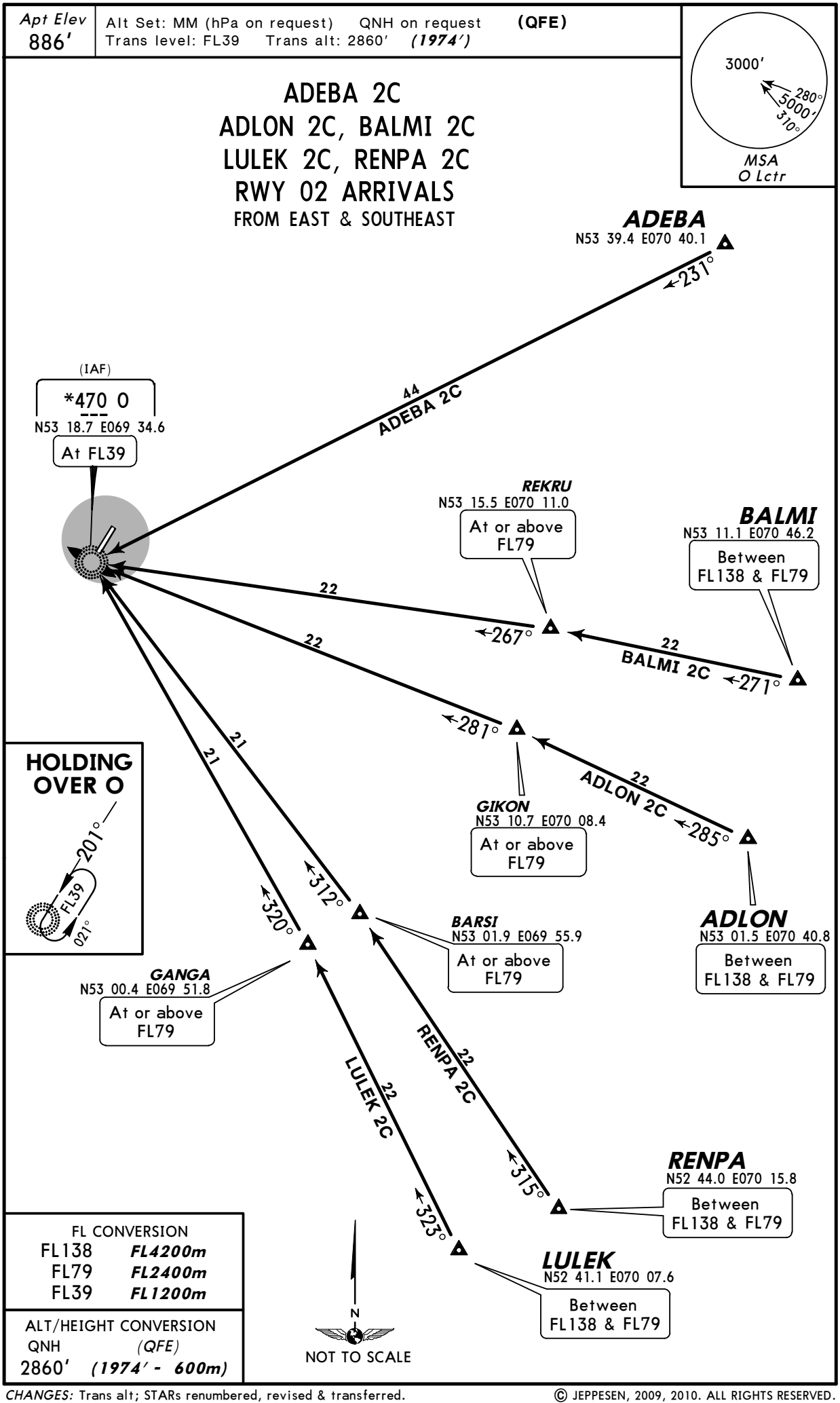
JEPPESEN

KOKSHETAU, KAZAKHSTAN

26 MAR 10 (10-2) Eff 8 Apr

STAR

Apt Elev	
886′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2860′ *(1974′)*



CHANGES: Trans alt; STARs renumbered, revised & transferred.

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UACK/KOV
KOKSHETAU

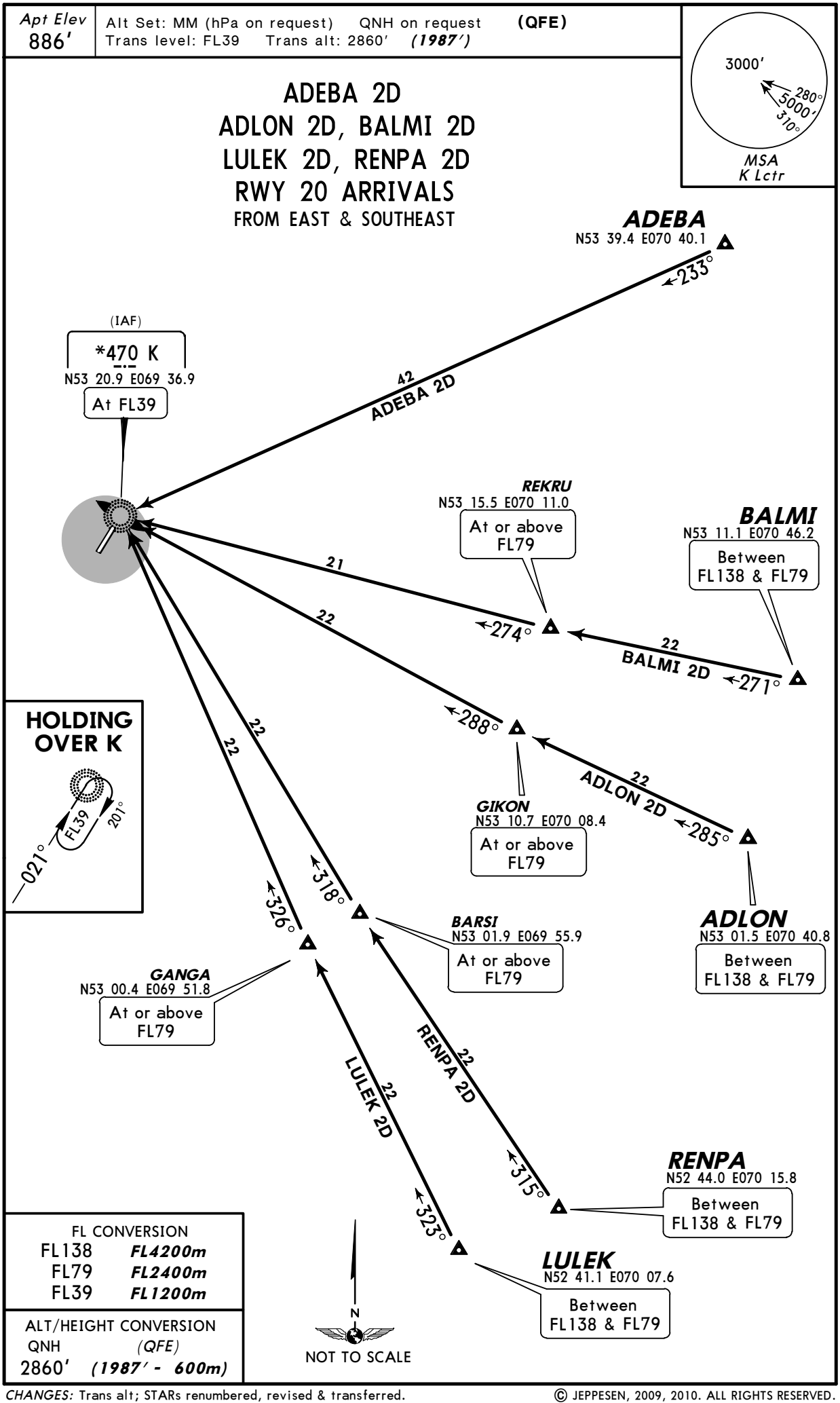
JEPPESEN

KOKSHETAU, KAZAKHSTAN

26 MAR 10 (10-2A) Eff 8 Apr

STAR

Apt Elev	
886′	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL39 Trans alt: 2860′ *(1987′)*



FL CONVERSION	
FL138	*FL4200m*
FL79	*FL2400m*
FL39	*FL1200m*

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
2860′	*(1987′ - 600m)*

CHANGES: Trans alt; STARs renumbered, revised & transferred.

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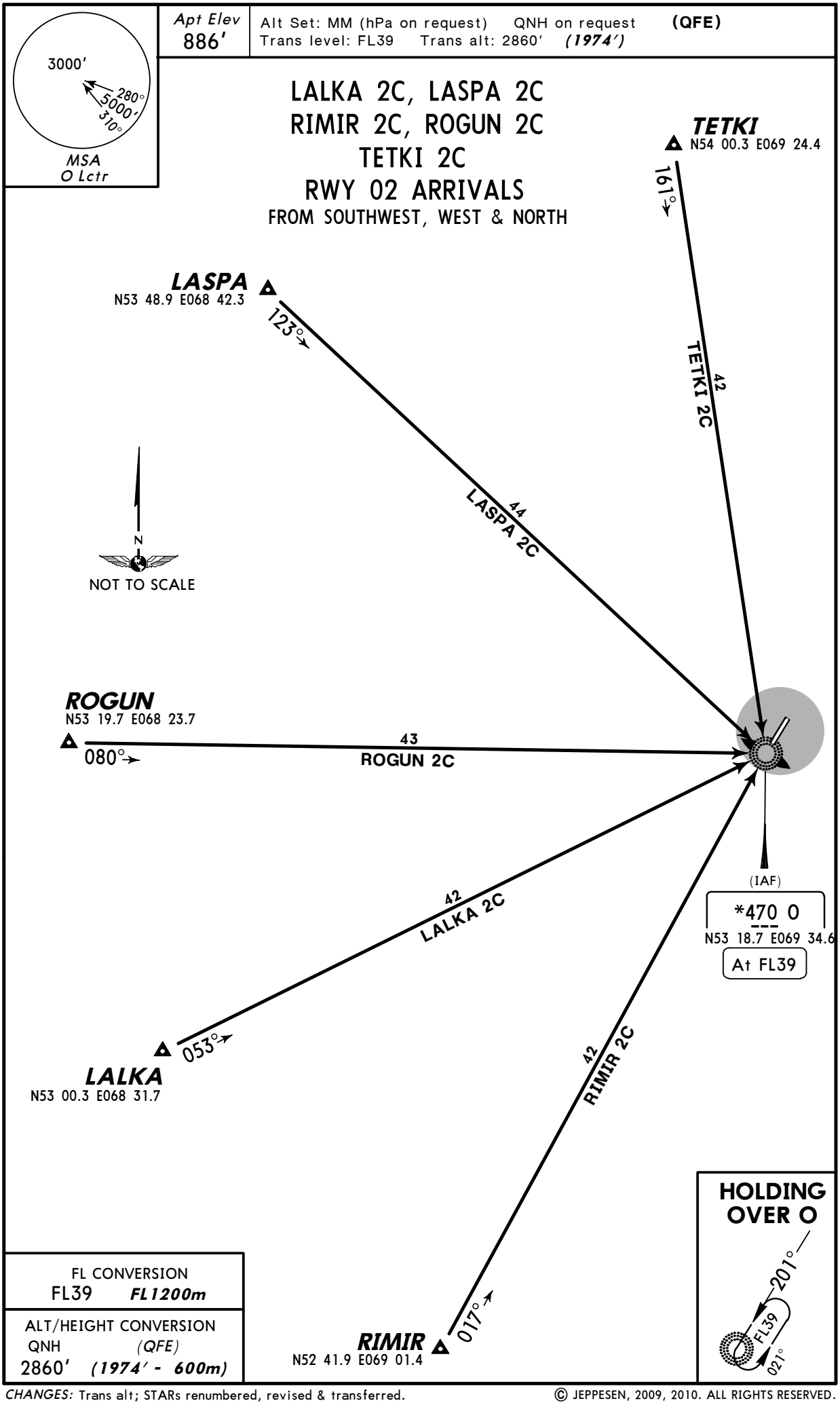
UACK/KOV
KOKSHETAU

JEPPESEN

KOKSHETAU, KAZAKHSTAN

26 MAR 10 (10-2B) Eff 8 Apr

STAR



CHANGES: Trans alt; STARs renumbered, revised & transferred.

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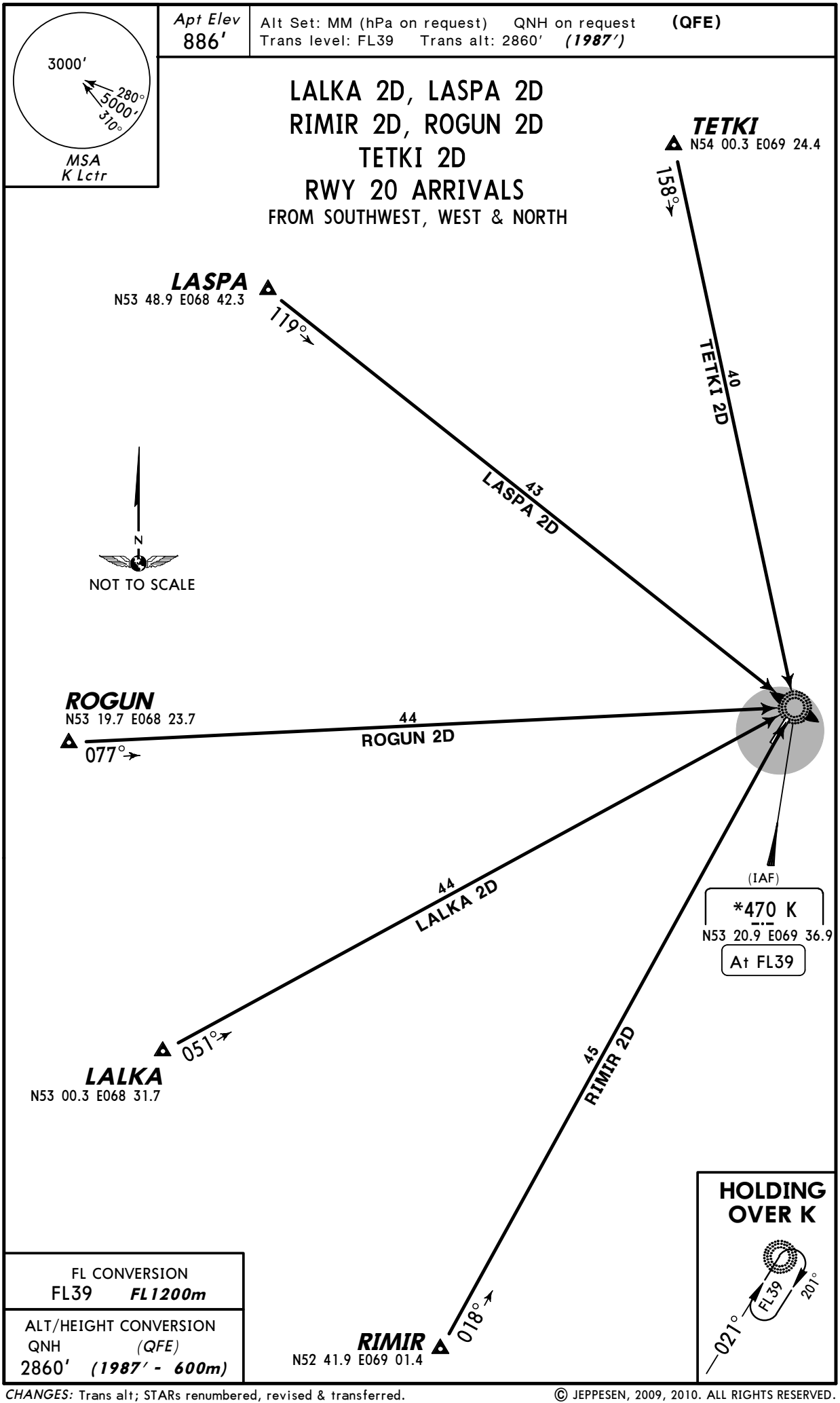
UACK/KOV
KOKSHETAU

JEPPESEN

KOKSHETAU, KAZAKHSTAN

26 MAR 10 (10-2C) Eff 8 Apr

STAR



CHANGES: Trans alt; STARs renumbered, revised & transferred.

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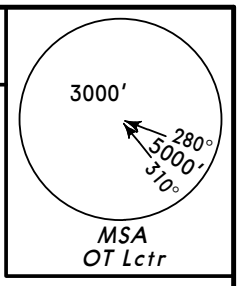
UACK/KOV KOKSHETAU

JEPPESEN KOKSHETAU, KAZAKHSTAN

16 JUL 10 (10-3) Eff 29 Jul SID

Apt Elev	
886′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2860′ ***(1974′)***



ADEBA 1A
LASPA 1A
TETKI 1A
RWY 02 DEPARTURES
TO NORTH

TETKI
N54 00.3 E069 24.4
Between FL39 & FL138

LASPA
N53 48.9 E068 42.3
Between FL49 & FL138

ADEBA
N53 39.4 E070 40.1
Between FL39 & FL138

N
NOT TO SCALE

TETKI 1A 40
341°
311°
161°
275°
LASPA 1A 46
305°
125°
080°
050°
230°
ADEBA 1A 42

At 1550′ ***(664′)***

*957 OT
N53 17.2 E069 33.1

ALT/HEIGHT CONVERSION

QNH	(QFE)
1550′	***(664′ - 200m)***
2860′	***(1974′ - 600m)***

FL CONVERSION

FL39	***FL1200m***
FL49	***FL1500m***
FL138	***FL4200m***

SID	ROUTING
ADEBA 1A	Climb to 1550′ ***(664′)***, turn RIGHT, 080° track, intercept 050° bearing from OT to ADEBA.
LASPA 1A	Climb to 1550′ ***(664′)***, turn LEFT, 275° track, intercept 305° bearing from OT to LASPA.
TETKI 1A	Climb to 1550′ ***(664′)***, turn LEFT, 311° track, intercept 341° bearing from OT to TETKI.

CHANGES: Crossings established; MSA.

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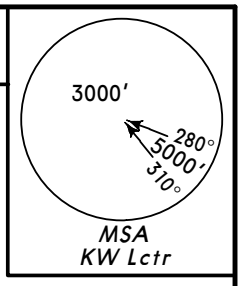
UACK/KOV
KOKSHETAU

JEPPESEN **KOKSHETAU, KAZAKHSTAN**

16 JUL 10 (10-3A) **Eff 29 Jul** **SID**

Apt Elev	
886′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2860′ ***(1987′)***



ADEBA 1B
LASPA 1B
TETKI 1B
RWY 20 DEPARTURES
TO NORTH

TETKI
N54 00.3 E069 24.4
Between FL39 & FL138

LASPA
N53 48.9 E068 42.3
Between FL49 & FL138

ADEBA
N53 39.4 E070 40.1
Between FL39 & FL138

N
NOT TO SCALE

*957 KW
N53 22.1 E069 38.2
At or above FL39

337°
157°
298°
118°
52 TETKI 1B
49 LASPA 1B
007°
328°
053°
41 ADEBA 1B

At 1530′ ***(657′)***

ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1530′	***(657′ - 200m)***
2860′	***(1987′ - 600m)***

FL CONVERSION	
FL39	***FL1200m***
FL49	***FL1500m***
FL138	***FL4200m***

SID	ROUTING
ADEBA 1B	Climb to 1530′ ***(657′)***, turn RIGHT to KW, 053° bearing to ADEBA.
LASPA 1B	Climb to 1530′ ***(657′)***, turn RIGHT, 328° track, intercept 298° bearing from KW to LASPA.
TETKI 1B	Climb to 1530′ ***(657′)***, turn RIGHT, 007° track, intercept 337° bearing from KW to TETKI.

CHANGES: Crossings established; MSA.

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UACK/KOV
KOKSHETAU

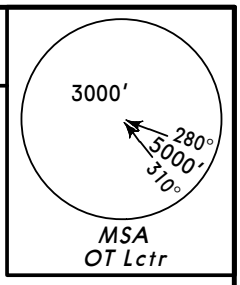
JEPPESEN

KOKSHETAU, KAZAKHSTAN

16 JUL 10 (10-3B) Eff 29 Jul

SID

Apt Elev	
886′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2860′ ***(1974′)***



ADLON 1A, BALMI 1A
LULEK 1A, RENPA 1A
RWY 02 DEPARTURES
TO EAST

At 1550′
(664′)

083°
23
BALMI 1A

REKRU
N53 15.5 E070 11.0
At or above
FL79

091°
22

BALMI
N53 11.1 E070 46.2
Between
FL79 & FL138

096°
22
ADLON 1A

104°
22

GIKON
N53 10.7 E070 08.4
At or above
FL79

ADLON
N53 01.5 E070 40.8
Between
FL79 & FL138

135°
127°
21
RENPA 1A
20
LULEK 1A

*957 OT
N53 17.2 E069 33.1
At or above
FL39

GANGA
N53 00.4 E069 51.8
At or above
FL79

143°
22

BARSI
N53 01.9 E069 55.9
At or above
FL79

135°
22

RENPA
N52 44.0 E070 15.8
Between
FL79 & FL138

LULEK
N52 41.1 E070 07.6
Between
FL79 & FL138

N
NOT TO SCALE

ALT/HEIGHT CONVERSION

QNH	*(QFE)*
1550′	***(664′ - 200m)***
2860′	***(1974′ - 600m)***

FL CONVERSION

FL39	***FL1200m***
FL79	***FL2400m***
FL138	***FL4200m***

SID	ROUTING
ADLON 1A	Climb to 1550′ ***(664′)***, turn LEFT to OT, 096° bearing to GIKON, turn RIGHT, 104° track to ADLON.
BALMI 1A	Climb to 1550′ ***(664′)***, turn LEFT to OT, 083° bearing to REKRU, turn RIGHT, 091° track to BALMI.
LULEK 1A	Climb to 1550′ ***(664′)***, turn LEFT to OT, 135° bearing to GANGA, turn RIGHT, 143° track to LULEK.
RENPA 1A	Climb to 1550′ ***(664′)***, turn LEFT to OT, 127° bearing to BARSI, turn RIGHT, 135° track to RENPA.

CHANGES: MSA.

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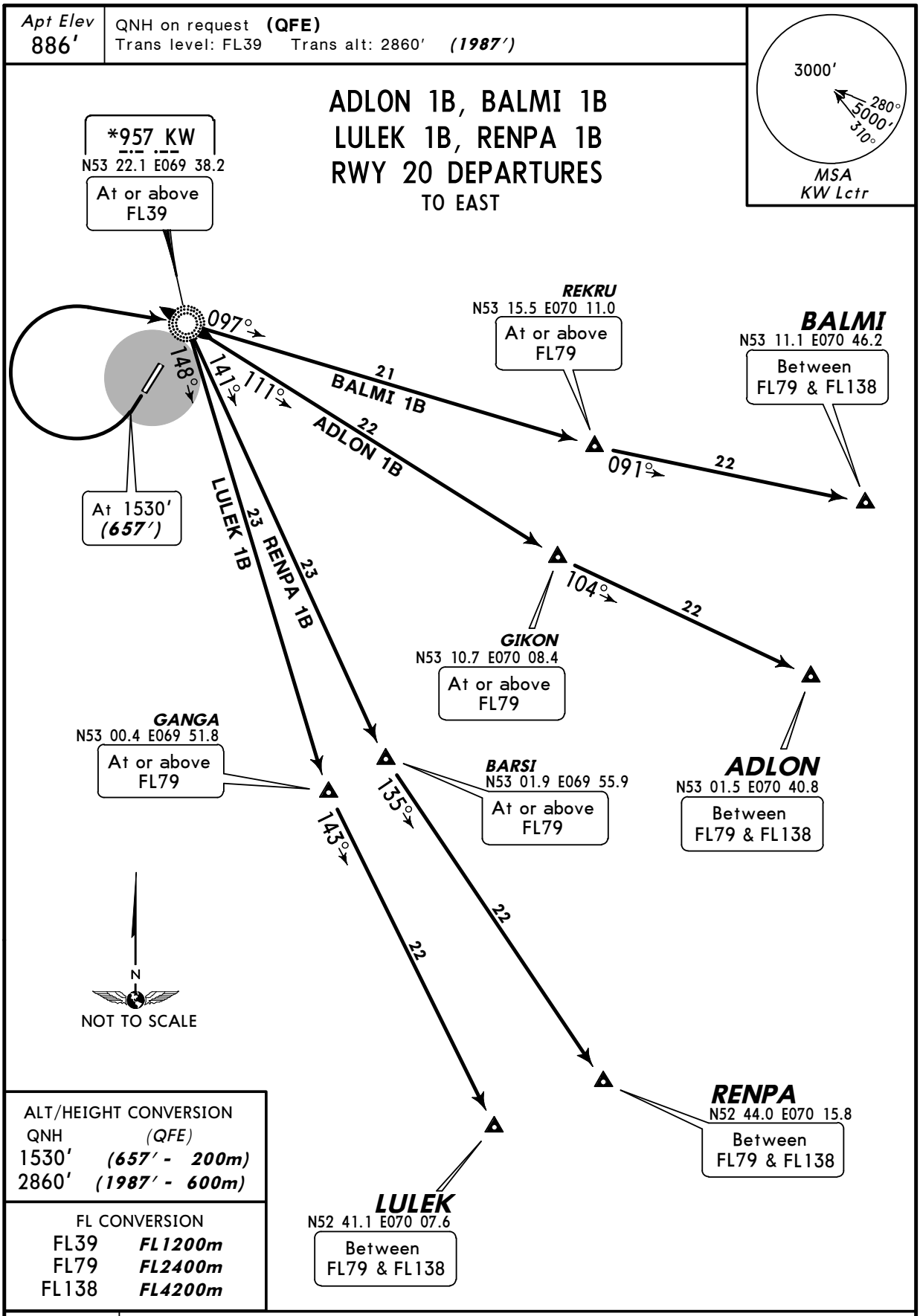
UACK/KOV
KOKSHETAU

JEPPESEN KOKSHETAU, KAZAKHSTAN

16 JUL 10 (10-3C) Eff 29 Jul SID

Apt Elev	QNH on request **(QFE)**
886′	Trans level: FL39 Trans alt: 2860′ ***(1987′)***



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1530′	***(657′ - 200m)***
2860′	***(1987′ - 600m)***

FL CONVERSION	
FL39	***FL1200m***
FL79	***FL2400m***
FL138	***FL4200m***

SID	ROUTING
ADLON 1B	Climb to 1530′ ***(657′)***, turn RIGHT to KW, 111° bearing to GIKON, turn LEFT, 104° track to ADLON.
BALMI 1B	Climb to 1530′ ***(657′)***, turn RIGHT to KW, 097° bearing to REKRU, turn LEFT, 091° track to BALMI.
LULEK 1B	Climb to 1530′ ***(657′)***, turn RIGHT to KW, 148° bearing to GANGA, turn LEFT, 143° track to LULEK.
RENPA 1B	Climb to 1530′ ***(657′)***, turn RIGHT to KW, 141° bearing to BARSI, turn LEFT, 135° track to RENPA.

CHANGES: MSA.

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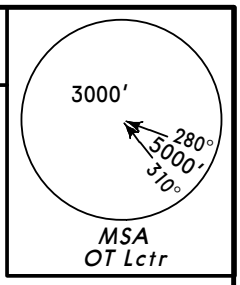
UACK/KOV
KOKSHETAU

JEPPESEN KOKSHETAU, KAZAKHSTAN

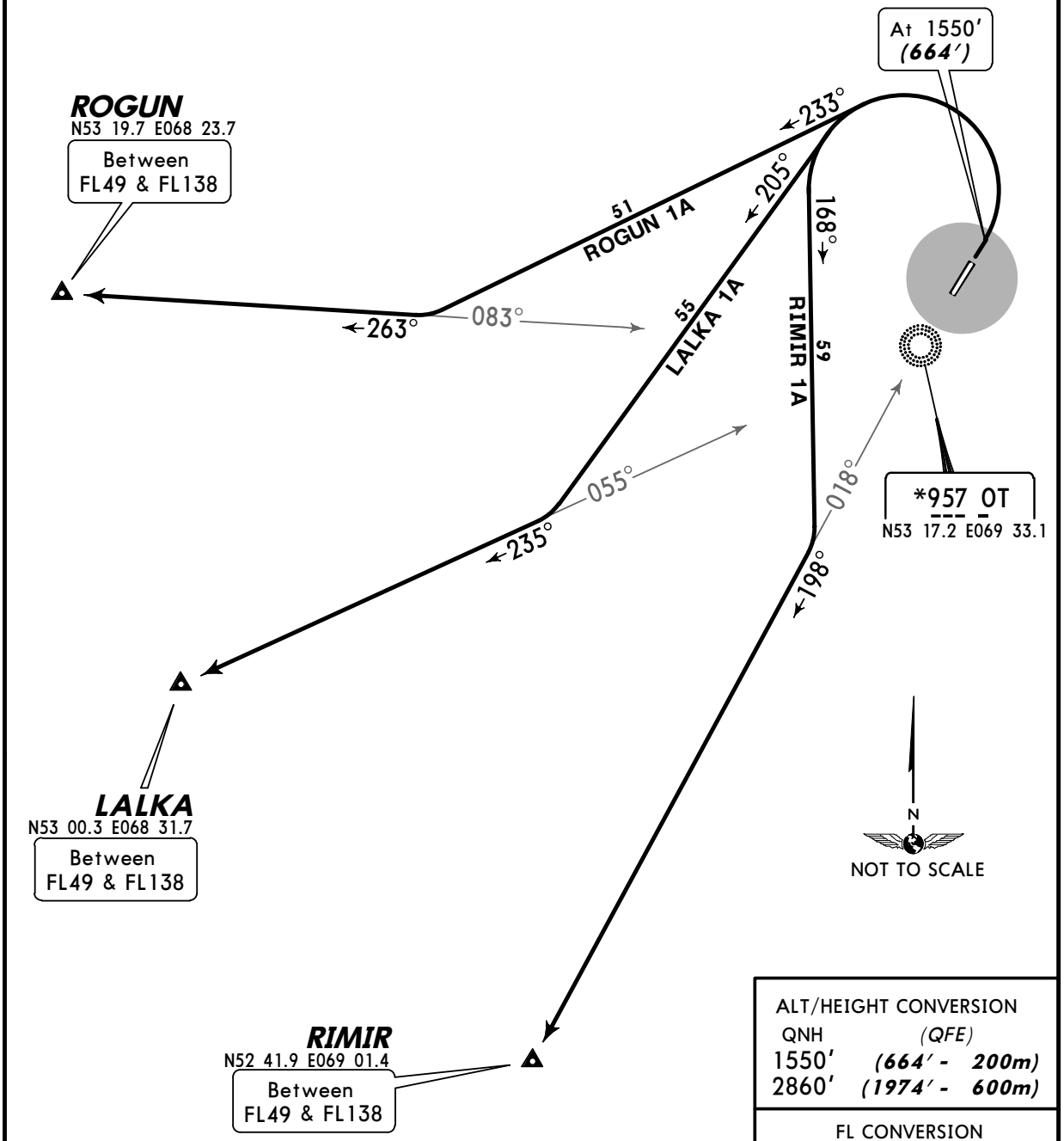
16 JUL 10 (10-3D) Eff 29 Jul

SID

Apt Elev	
886′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2860′ ***(1974′)***



LALKA 1A
RIMIR 1A
ROGUN 1A
RWY 02 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1550′	***(664′ - 200m)***
2860′	***(1974′ - 600m)***

FL CONVERSION	
FL39	***FL1200m***
FL49	***FL1500m***
FL138	***FL4200m***

SID	ROUTING
LALKA 1A	Climb to 1550′ ***(664′)***, turn LEFT, 205° track, intercept 235° bearing from OT to LALKA.
RIMIR 1A	Climb to 1550′ ***(664′)***, turn LEFT, 168° track, intercept 198° bearing from OT to RIMIR.
ROGUN 1A	Climb to 1550′ ***(664′)***, turn LEFT, 233° track, intercept 263° bearing from OT to ROGUN.

CHANGES: Crossings established; MSA.

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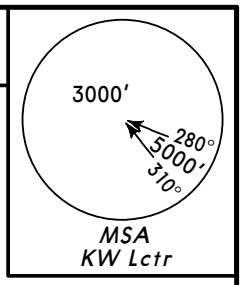
UACK/KOV
KOKSHETAU

JEPPESEN KOKSHETAU, KAZAKHSTAN

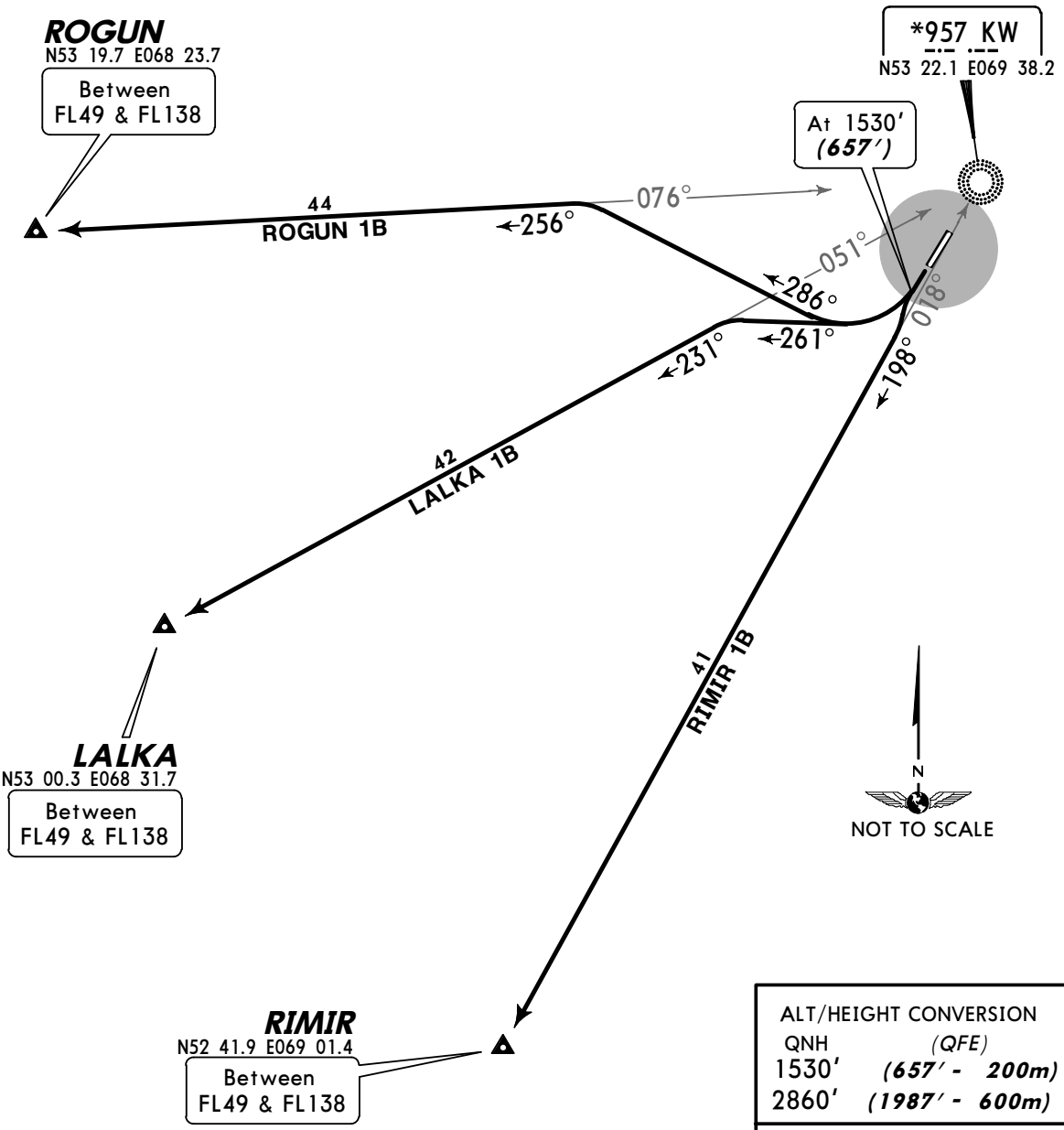
16 JUL 10 (10-3E) Eff 29 Jul

SID

Apt Elev	
886′	QNH on request **(QFE)** Trans level: FL39 Trans alt: 2860′ ***(1987′)***



LALKA 1B
RIMIR 1B
ROGUN 1B
RWY 20 DEPARTURES
TO WEST



ALT/HEIGHT CONVERSION	
QNH	*(QFE)*
1530′	***(657′ - 200m)***
2860′	***(1987′ - 600m)***

FL CONVERSION	
FL39	***FL1200m***
FL49	***FL1500m***
FL138	***FL4200m***

SID	ROUTING
LALKA 1B	Climb to 1530′ ***(657′)***, turn RIGHT, 261° track, intercept 231° bearing from KW to LALKA.
RIMIR 1B	Climb to 1530′ ***(657′)***, turn LEFT, intercept 198° bearing from KW to RIMIR.
ROGUN 1B	Climb to 1530′ ***(657′)***, turn RIGHT, 286° track, intercept 256° bearing from KW to ROGUN.

CHANGES: Crossings established; MSA.

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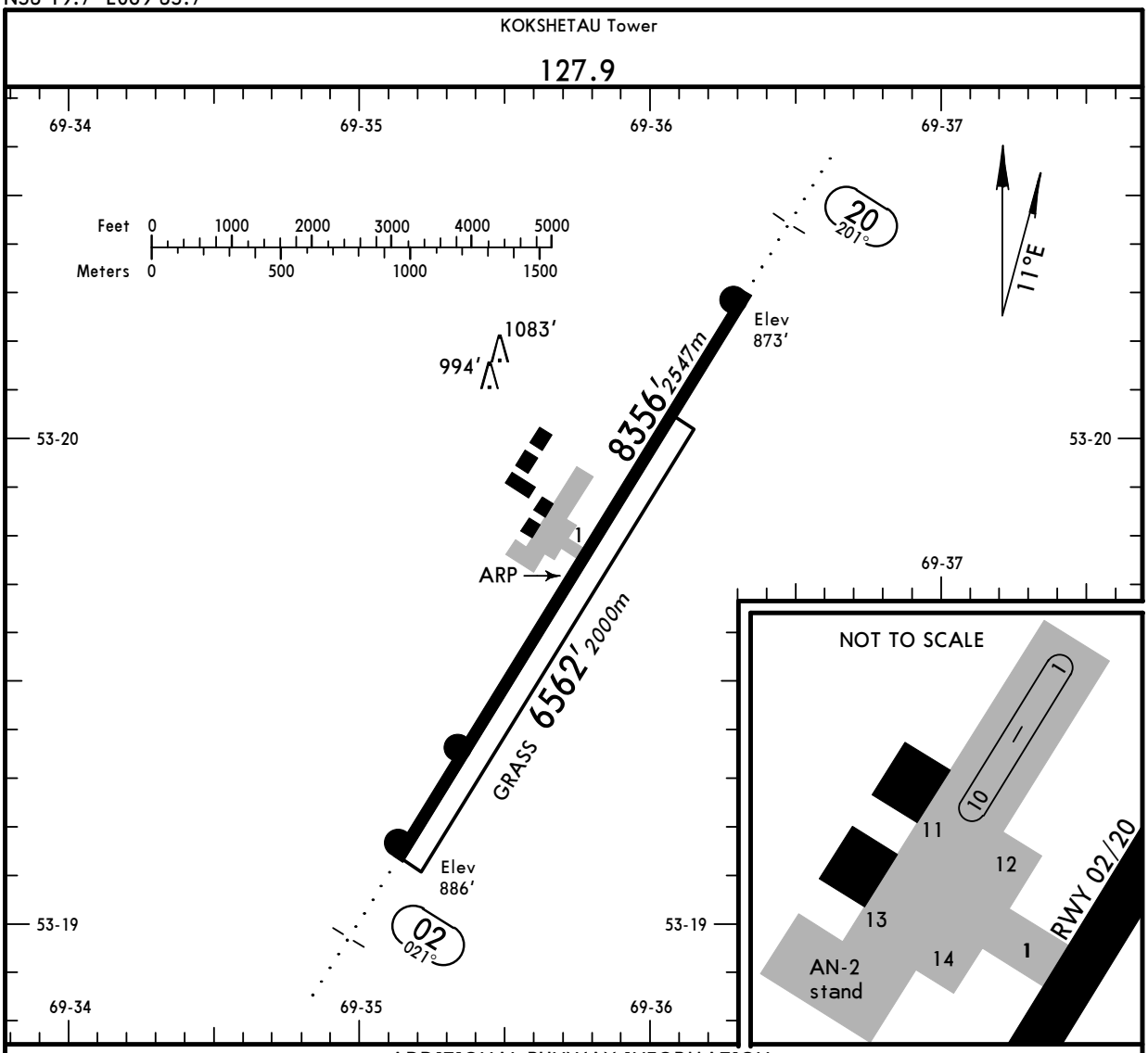
UACK/KOV

Apt Elev **886′**
N53 19.7 E069 35.7

JEPPESEN **KOKSHETAU, KAZAKHSTAN**

8 MAY 09 (10-9)

KOKSHETAU



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS — LANDING BEYOND — Threshold	Glide Slope	TAKE-OFF	WIDTH
02 / 20	HIRL *(60m)* ALS		7323′ *2232m*		146′ *45m*
02 / 20	Grass runway				312′ *95m*

TAKE-OFF

AIR CARRIER (JAA)

	Rwy 02 DAY	Rwy 02 NIGHT	Rwy 20 DAY	Rwy 20 DAY	Rwy 20 NIGHT
		RL	RL	RCLM	RL
A	*2000m*		*400m* [1]	*400m* [1]	*400m* [1]
B					
C				*500m*	*400m*
D					

[1] LVP must be in force: 300m.

CHANGES: New airport.

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UACK/KOV
KOKSHETAU

26 MAR 10
Eff 8 Apr

JEPPESEN KOKSHETAU, KAZAKHSTAN
(11-1) ILS DME Y or 2 NDB Rwy 20

BRIEFING STRIP ™

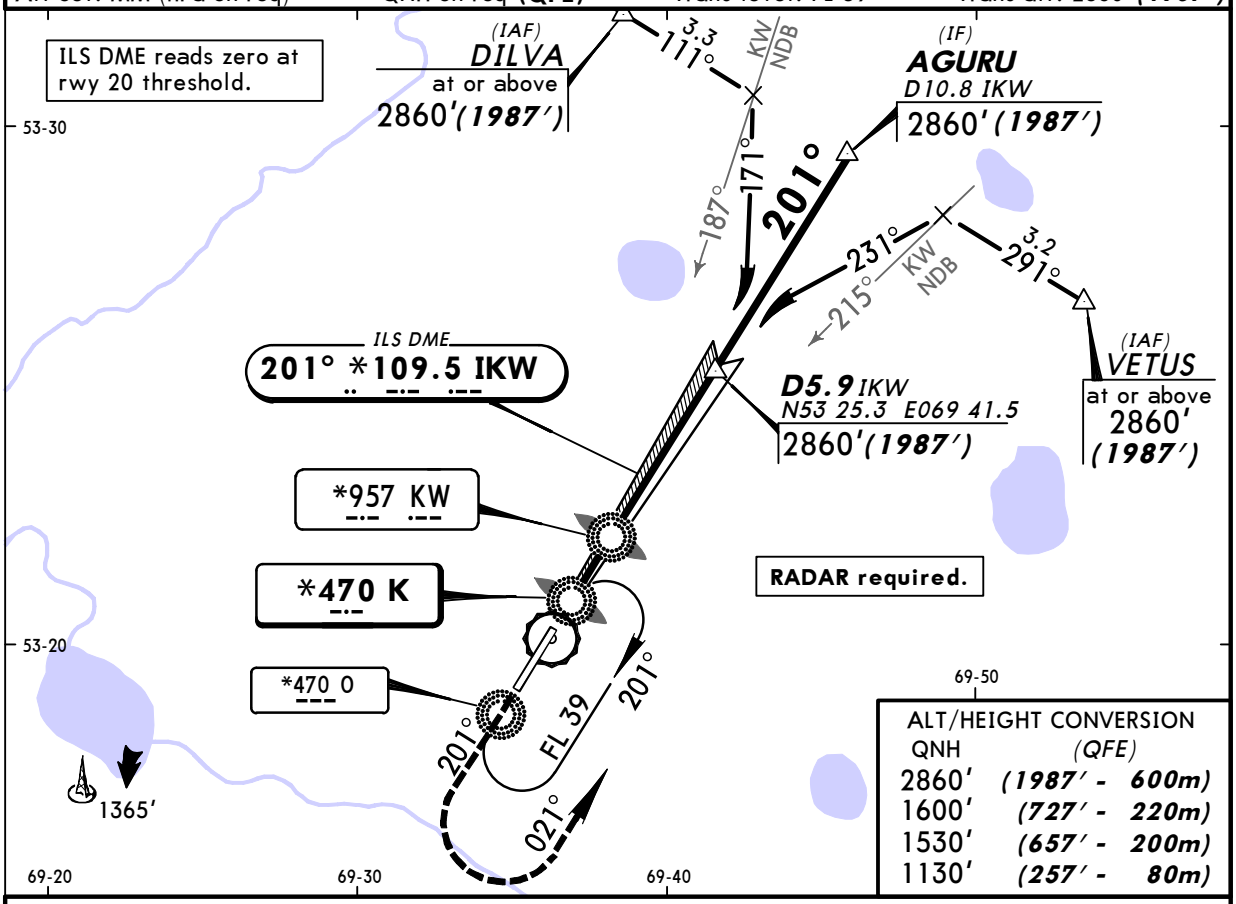
KOKSHETAU Tower
127.9

LOC IKW *109.5	Final Apch Crs 201°	GS LOM 1591′(718′)	ILS DA(H) Refer to Minimums	Apt Elev 886′
NDB K *470		Minimum Alt N53 25.3 E069 41.5 2860′(1987′)	NDB MDA(H) 1210′(337′)	RWY 873′

MISSED APCH: Climb on 201° to 1530′(657′), then turn LEFT onto 021° climbing to 2860′(1987′), then as directed.

MSA K NDB: 3000′ (280°, 5000′, 310°)

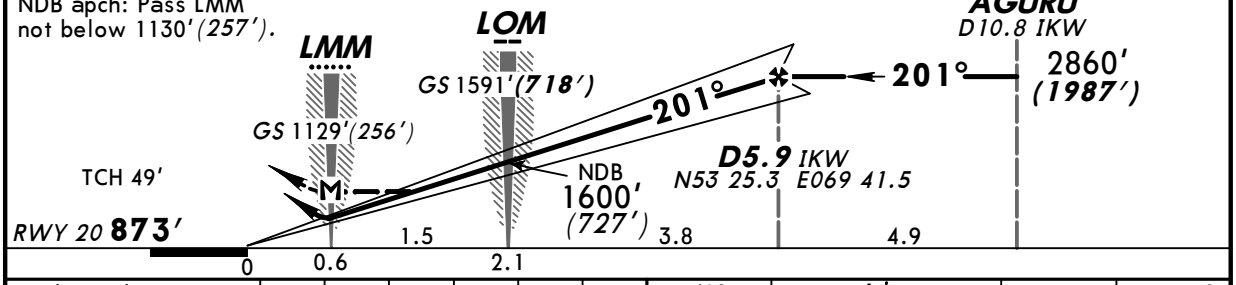
Alt Set: MM (hPa on req) | QNH on req (QFE) | Trans level: FL 39 | Trans alt: 2860′(1987′)



ALT/HEIGHT CONVERSION

QNH	(QFE)
2860′	(1987′ - 600m)
1600′	(727′ - 220m)
1530′	(657′ - 200m)
1130′	(257′ - 80m)

NDB apch: Pass LMM not below 1130′(257′).



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc Angle 3.00°	377	484	538	646	753	861
MAP at LMM						

ALS | 1530′ (657′) on 201° | 021° LT | 2860′ (1987′)

STRAIGHT-IN LANDING RWY 20

ILS		LOC (GS out)	NDB	
DA(H) AB: 1073′ (200′) CD: 1103′ (230′)			MDA(H) 1210′(337′)	
FULL	ALS out			ALS out

PANS OPS

A	1200m	NOT AUTHORIZED	1600m	
B				
C				
D				

CHANGES: Trans alt. MSA. Procedure.

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UACK/KOV
KOKSHETAU

JEPPESEN 26 MAR 10 (11-2) Eff 8 Apr

KOKSHETAU, KAZAKHSTAN
ILS DME X Rwy 20

BRIEFING STRIP ™

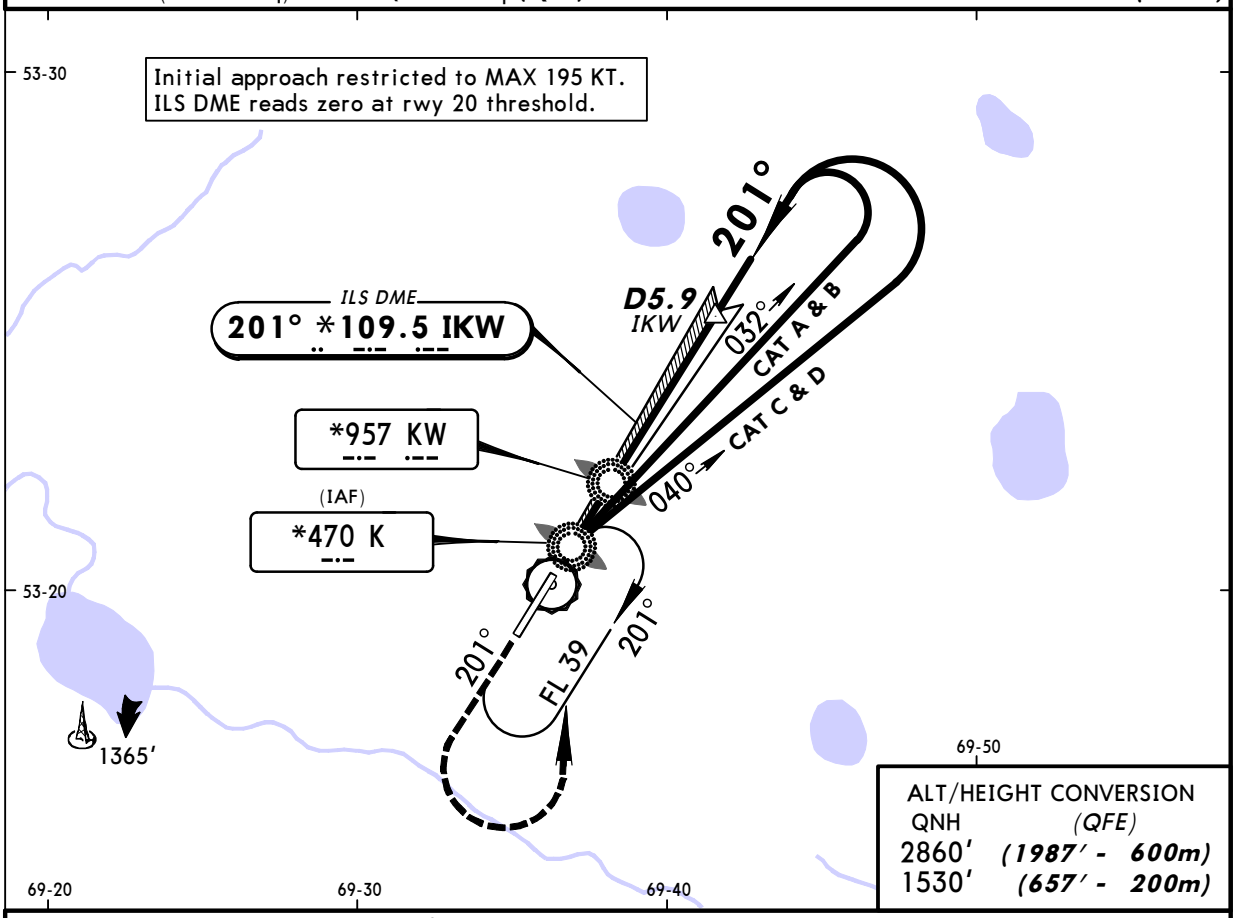
KOKSHETAU Tower
127.9

LOC	Final Apch Crs	GS	ILS DA(H)	Apt Elev 886'
IKW		LOM	Refer to Minimums	RWY 873'
*109.5	201°	1591' (718')		

MISSED APCH: Climb on 201° to 1530' (657') or above. After passing LMM maintain 201° for 1 Min 30 Sec, then turn LEFT to LMM. Climb initially to 2860' (1987'), then as directed.
MISSED APCH WITH COMM FAILURE: Climb to FL39 to LMM and join holding.
Missed approach turn limited to MAX 225 KT.

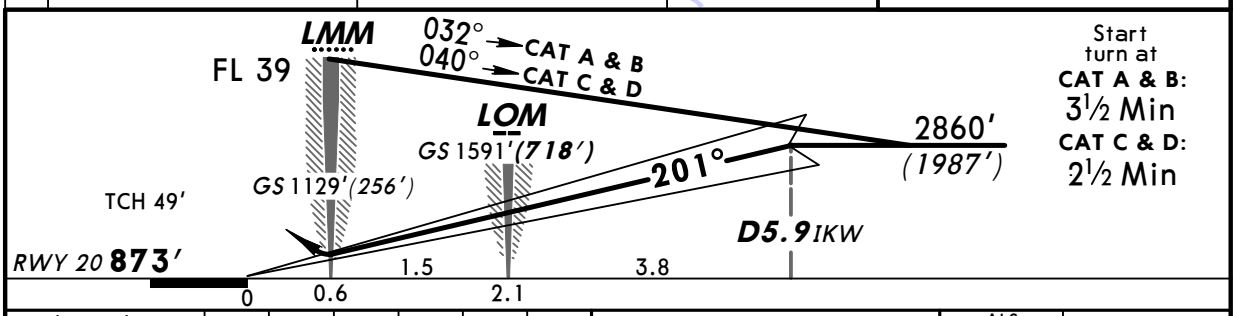
3000'
280°
5000'
310°
MSA
K NDB

Alt Set: MM (hPa on req) | QNH on req (QFE) | Trans level: FL 39 | Trans alt: 2860' (1987')



ALT/HEIGHT CONVERSION

QNH	(QFE)
2860'	(1987' - 600m)
1530'	(657' - 200m)



Start turn at
CAT A & B: 3½ Min
CAT C & D: 2½ Min

Gnd speed-Kts		70	90	100	120	140	160
GS	3.00°	377	484	538	646	753	861

ALS

Refer to Missed Apch above

STRAIGHT-IN LANDING RWY **20**

ILS		LOC (GS out)
DA(H) AB: 1073' (200')		
DA(H) CD: 1103' (230')		
FULL	ALS out	

PANS OPS

A	1200m	NOT AUTHORIZED	
B			
C			
D			

CHANGES: Trans alt. MSA. Procedure.

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UACK/KOV
KOKSHETAU

JEPPESEN 16 JUL 10 (16-1) Eff 29 Jul

KOKSHETAU, KAZAKHSTAN
2 NDB Rwy 02

BRIEFING STRIP™

KOKSHETAU Tower
127.9

NDB	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 886'
O *470	021°	N53 14.0 E069 29.8 2860'(1974')	1190' (304')	RWY 886'

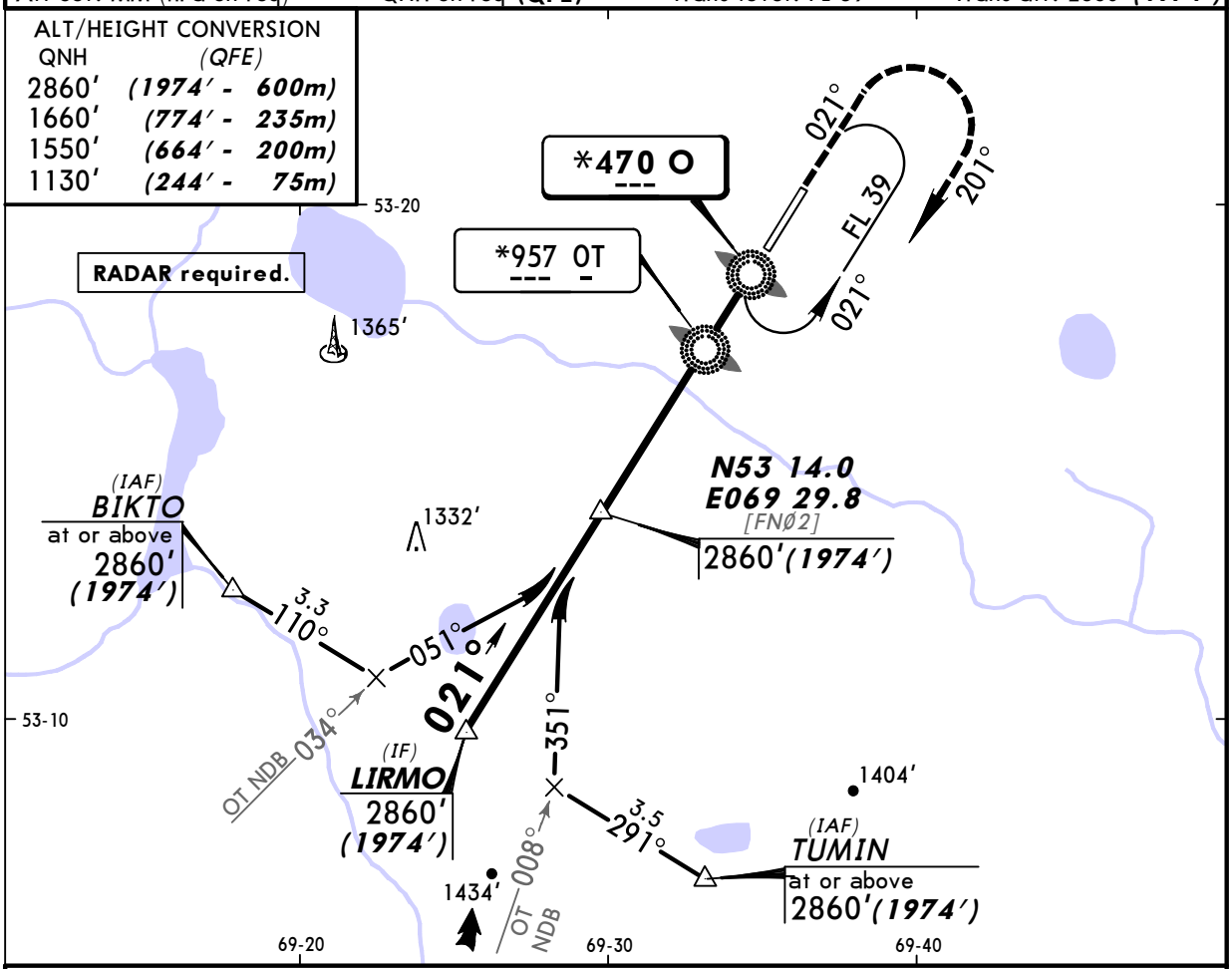
MISSED APCH: Climb on 021° to 1550'(664'), then turn RIGHT onto 201° climbing to 2860'(1974'), then as directed.

3000' 280° 5000' 310°
MSA
O NDB

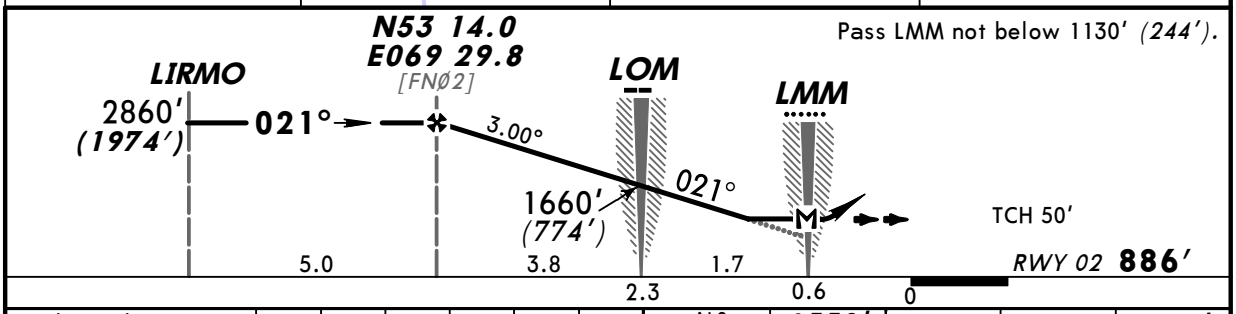
Alt Set: MM (hPa on req) | QNH on req (QFE) | Trans level: FL 39 | Trans alt: 2860' (1974')

ALT/HEIGHT CONVERSION

QNH	(QFE)
2860'	(1974' - 600m)
1660'	(774' - 235m)
1550'	(664' - 200m)
1130'	(244' - 75m)



Pass LMM not below 1130' (244').



Gnd speed-Kts		70	90	100	120	140	160	ALS	1550' (664') on 021°	201° RT	2860' (1974')
Descent angle	3.00°	372	478	531	637	743	849				
MAP at LMM											

STRAIGHT-IN LANDING RWY 02

MDA(H) 1190' (304')

ALS out

PANS OPS

A	1600m
B	
C	
D	

CHANGES: Minimums.

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UACK/KOV
KOKSHETAU

JEPPESEN 16 JUL 10 (16-2) Eff 29 Jul

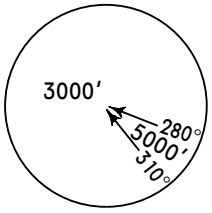
KOKSHETAU, KAZAKHSTAN
NDB Rwy 02

BRIEFING STRIP™

KOKSHETAU Tower
127.9

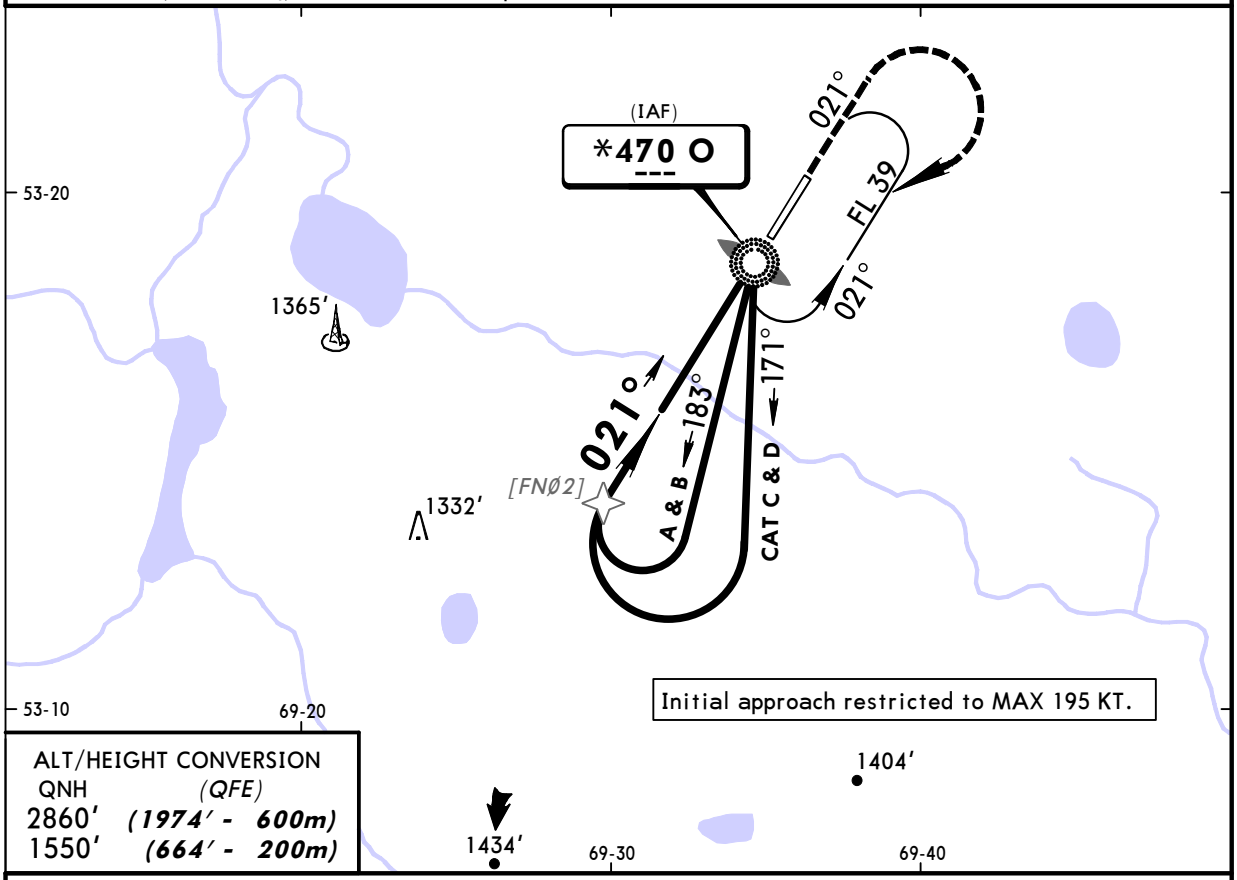
NDB	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 886′
O *470	021°	No FAF	Refer to Minimums	RWY 886′

MISSED APCH: Climb on 021° to 1550′ *(664′)* or above. After passing LMM maintain 021° for 1 Min 30 Sec, then turn RIGHT to LMM. Climb initially to 2860′ *(1974′)*, then as directed.
MISSED APCH WITH COMM FAILURE: Climb to FL39 to LMM and join holding. Missed approach turn limited to MAX 225 KT.



MSA
O NDB

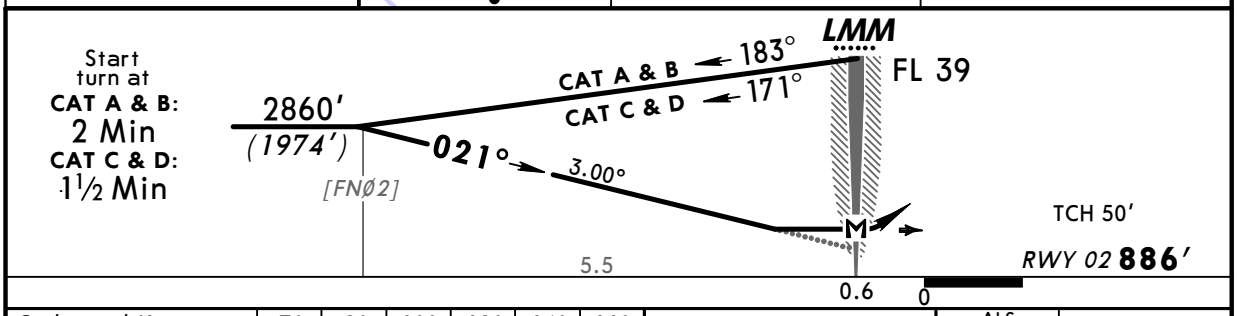
Alt Set: MM (hPa on req) | QNH on req **(QFE)** | Trans level: FL 39 | Trans alt: 2860′ ***(1974′)***



Initial approach restricted to MAX 195 KT.

ALT/HEIGHT CONVERSION

QNH	(QFE)
2860′	***(1974′ - 600m)***
1550′	***(664′ - 200m)***



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

ALS

Refer to Missed Apch above

STRAIGHT-IN LANDING RWY **02**

MDA(H) AB: 1550′ ***(664′)*** CD: 1880′ ***(994′)***

ALS out

PANS OPS

A	2500m	
B		
C	5000m	
D		

CHANGES: None.

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UACK/KOV
KOKSHETAU

JEPPESEN 26 MAR 10 (16-3) Eff 8 Apr

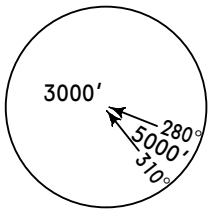
KOKSHETAU, KAZAKHSTAN
NDB Rwy 20

BRIEFING STRIP ™

KOKSHETAU Tower
127.9

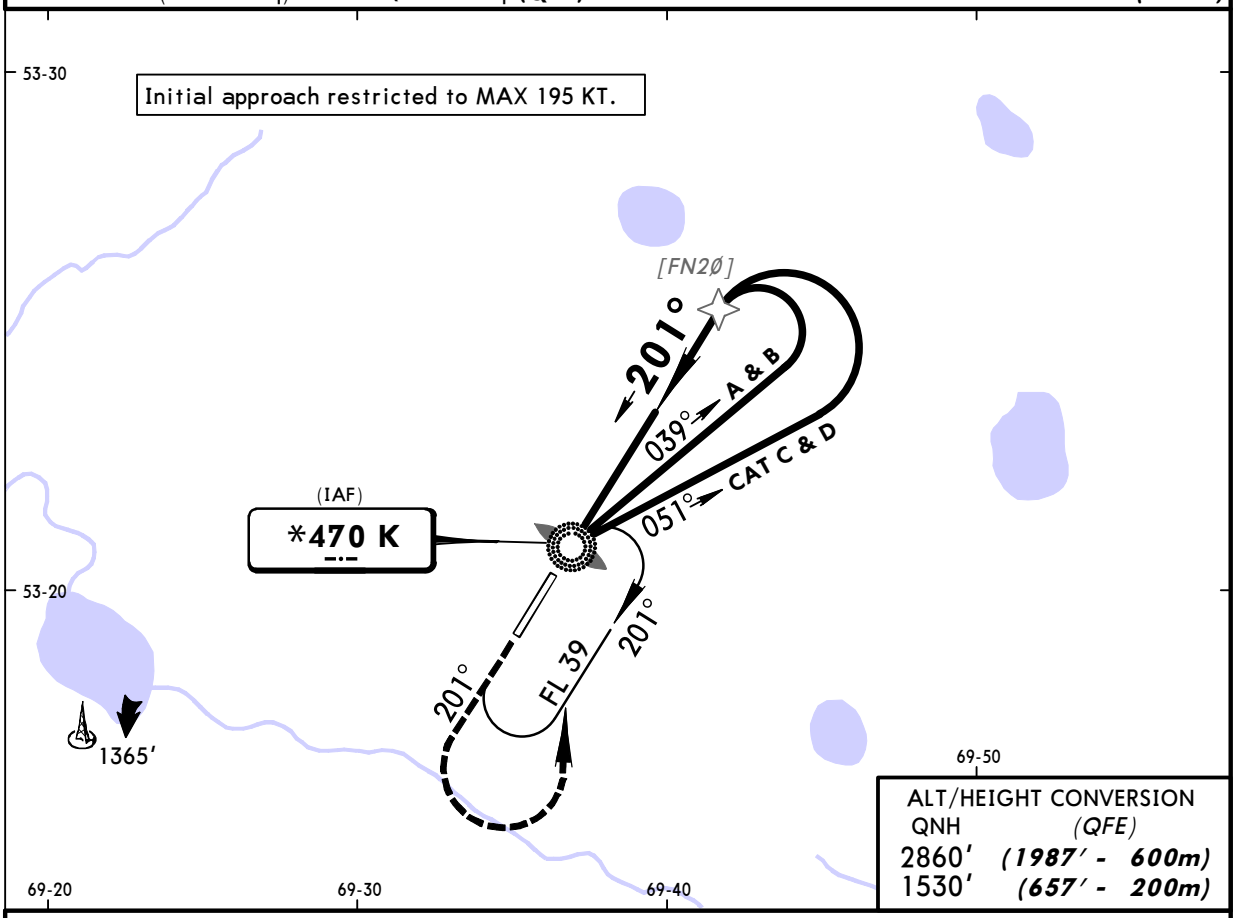
NDB	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev 886′
K *470	201°	No FAF	Refer to Minimums	RWY 873′

MISSED APCH: Climb on 201° to 1530′ *(657′)* or above. After passing LMM maintain 201° for 1 Min 30 Sec, then turn LEFT to LMM. Climb initially to 2860′ *(1987′)*, then as directed.
MISSED APCH WITH COMM FAILURE: Climb to FL39 to LMM and join holding.
Missed approach turn limited to MAX 225 KT.



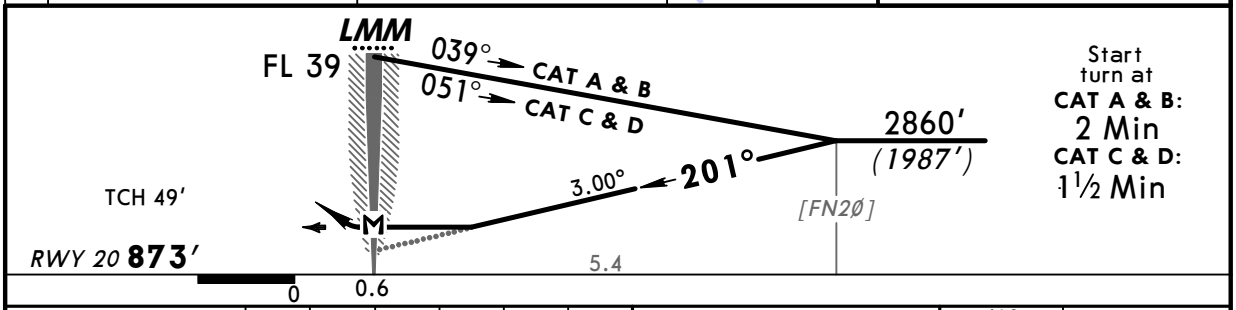
MSA
K NDB

Alt Set: MM (hPa on req) | QNH on req **(QFE)** | Trans level: FL 39 | Trans alt: 2860′ ***(1987′)***



ALT/HEIGHT CONVERSION

QNH	(QFE)
2860′	***(1987′ - 600m)***
1530′	***(657′ - 200m)***



Start turn at
CAT A & B: 2 Min
CAT C & D: 1½ Min

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

ALS

Refer to Missed Apch above

STRAIGHT-IN LANDING RWY **20**

MDA(H) AB: 1530′ ***(657′)***
CD: 1860′ ***(987′)***

ALS out

PANS OPS

A	2500m
B	
C	5000m
D	

CHANGES: New chart.

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