

## List of pages in this Trip Kit

Trip Kit Index

Airport Information For UAOO

Terminal Charts For UAOO

Revision Letter For Cycle 08-2013

Change Notices

Notebook

General Information

Location: Kyzylorda Kaz  
IATA Code: KZO  
Lat/Long: N44° 42.4' E065° 35.5'  
Elevation: 430 ft

Airport Use: Public  
Magnetic Variation: 6.9°E

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

Sunrise: 0055 Z  
Sunset: 1421 Z,

Runway Information

Runway: 06  
Length x Width: 8858 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 423 ft  
Lighting: Edge, ALS, TDZ

Runway: 24  
Length x Width: 8858 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 430 ft  
Lighting: Edge, ALS, TDZ

Communication Information

Kyzylorda Tower 129.0  
Kyzylorda Tower 120.9

UA00/KZO  
KYZYLORDA

JEPPESEN KYZYLORDA, KAZAKHSTAN  
4 NOV 11 (10-1R) Eff 17 Nov RADAR MINIMUM ALTITUDES

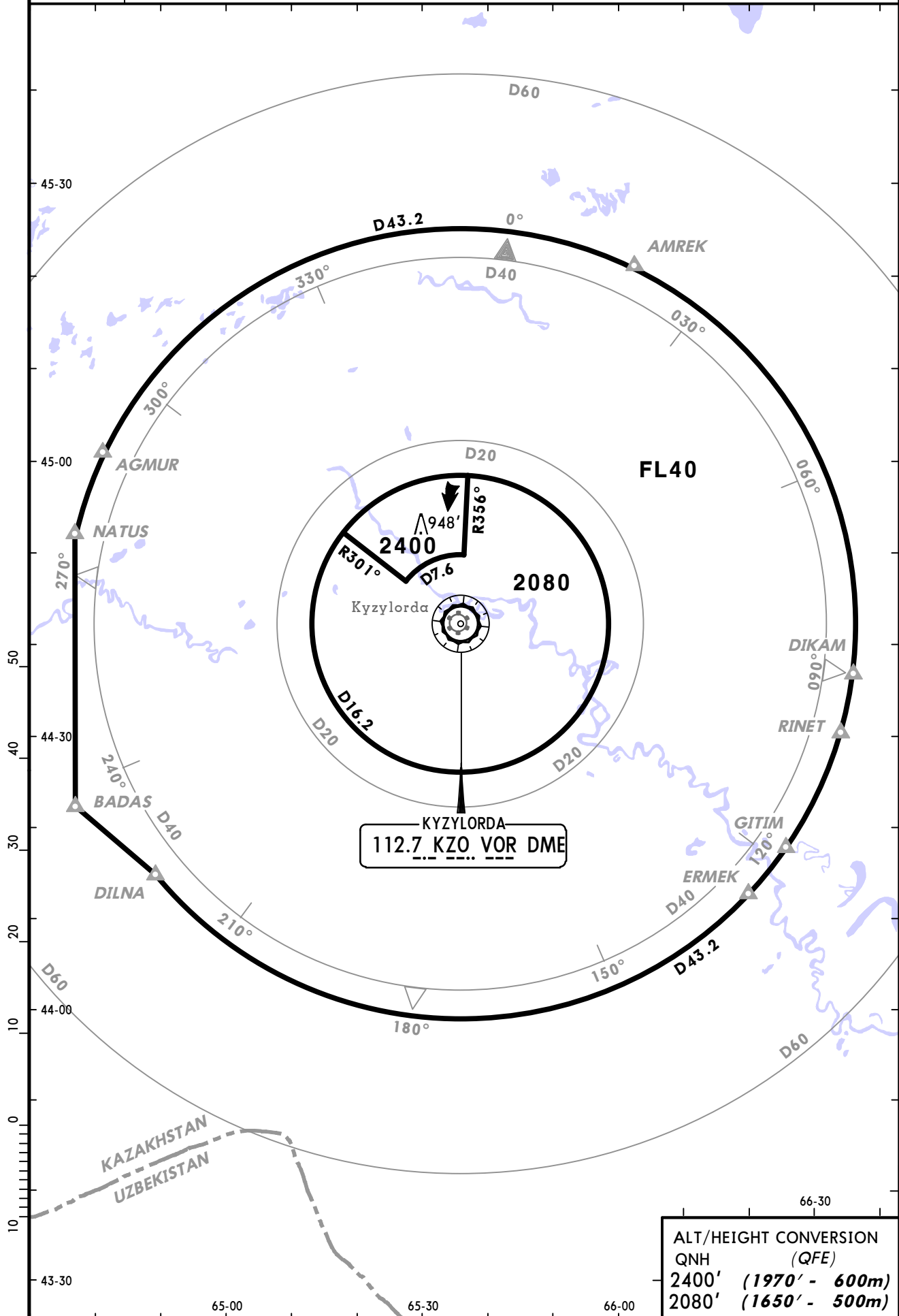
Apt Elev  
430'

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL40 Trans alt: 2080' (1650')

1. Chart only to be used for cross-checking of altitudes assigned while under radar control.

2. Levels assigned by ATC include a correction for low temperature effect when necessary.

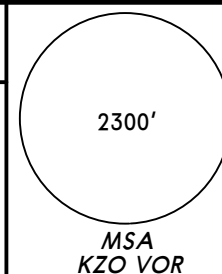


CHANGES: Trans level.

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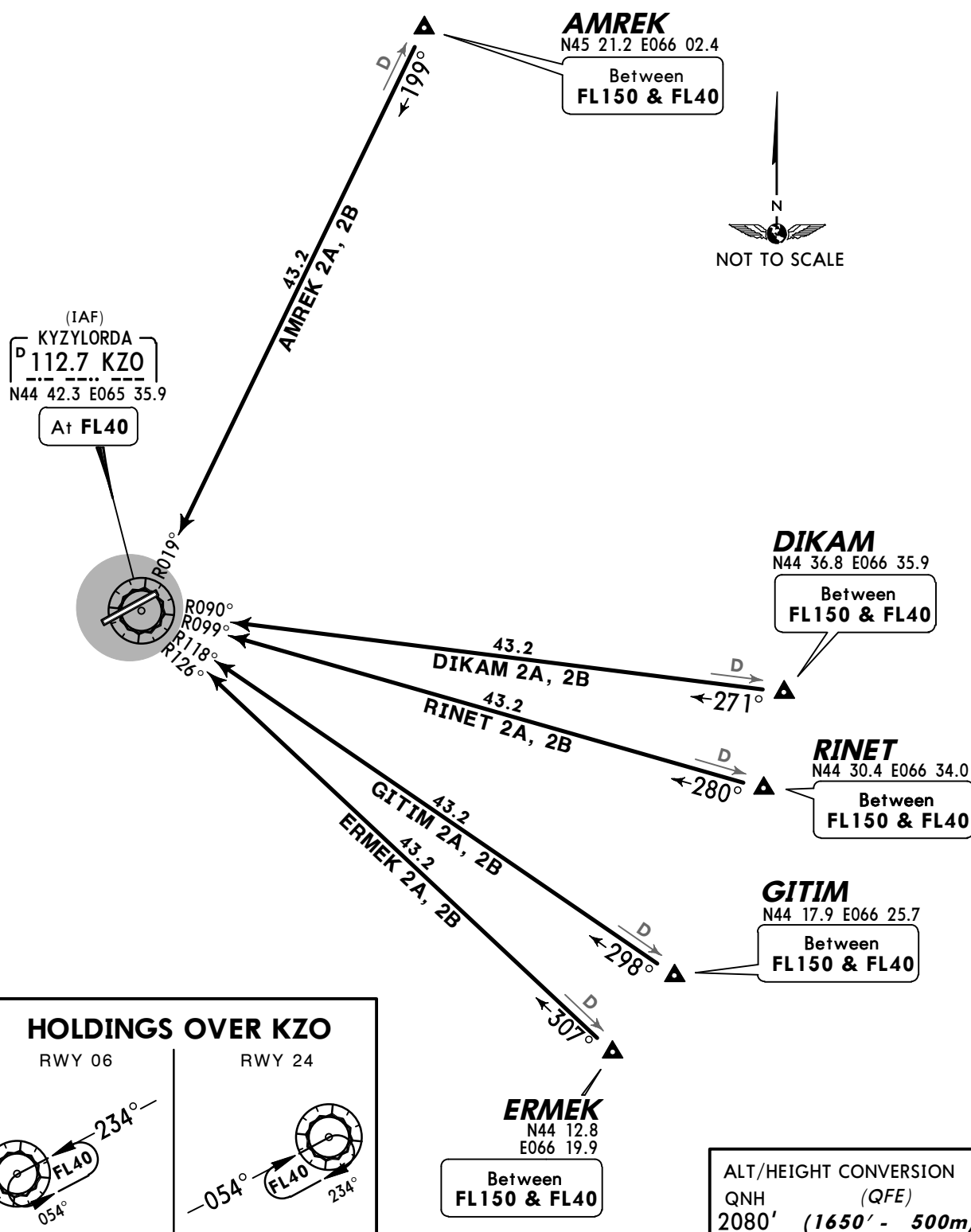
Apt Elev  
430'

Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL40 Trans alt: 2080' (1650')



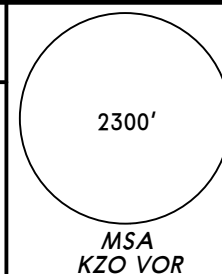
AMREK 2A [AMRE2A], DIKAM 2A [DIKA2A]  
ERMEK 2A [ERME2A], GITIM 2A [GITI2A]  
RINET 2A [RINE2A]  
RWY 06 ARRIVALS

AMREK 2B [AMRE2B], DIKAM 2B [DIKA2B]  
ERMEK 2B [ERME2B], GITIM 2B [GITI2B]  
RINET 2B [RINE2B]  
RWY 24 ARRIVALS

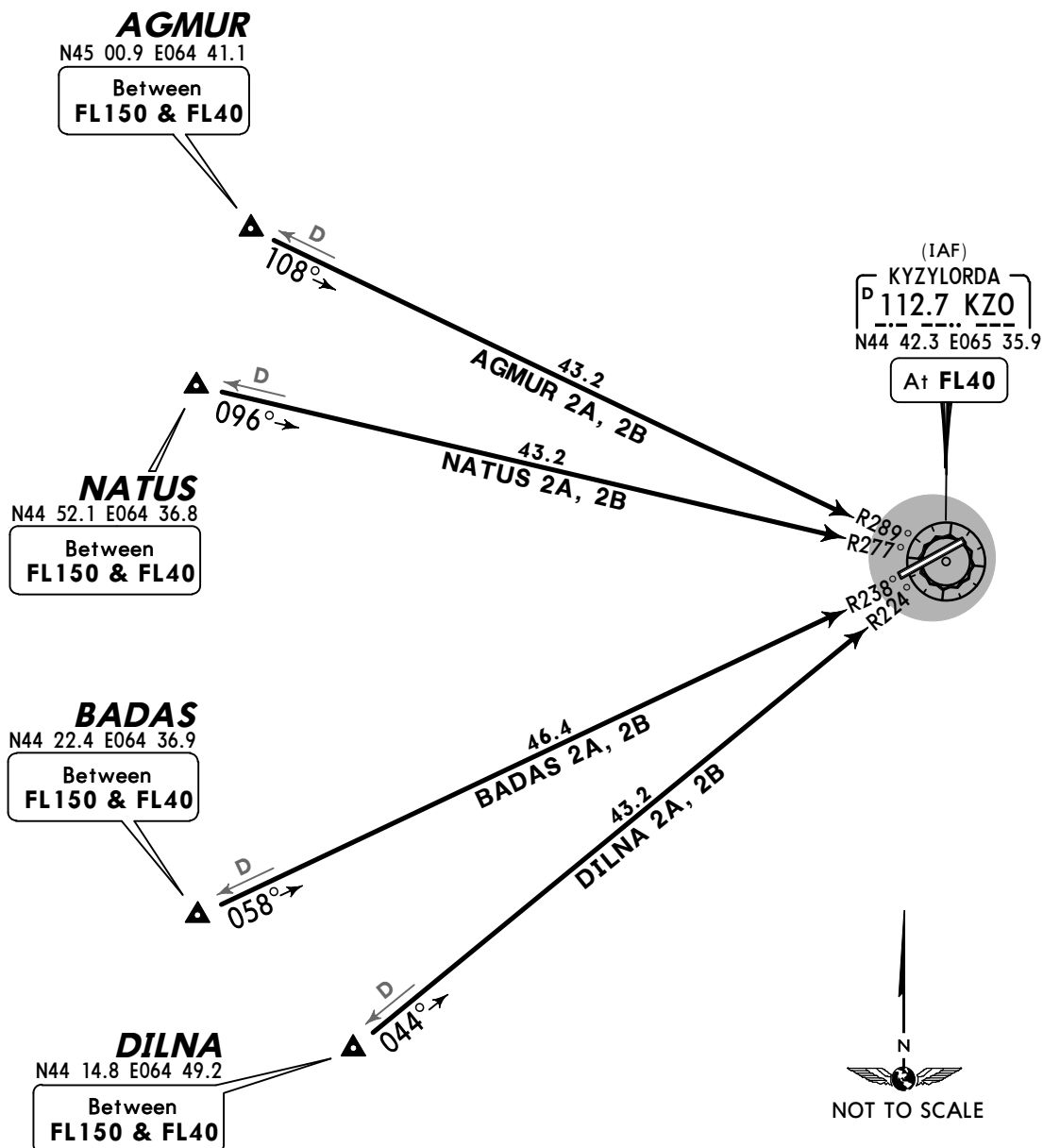


Apt Elev  
430'

Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL40 Trans alt: 2080' (1650')



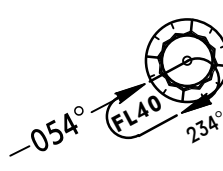
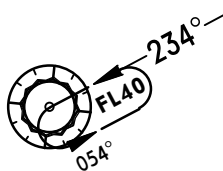
AGMUR 2A [AGMU2A], BADAS 2A [BADA2A]  
DILNA 2A [DILN2A], NATUS 2A [NATU2A]  
RWY 06 ARRIVALS  
AGMUR 2B [AGMU2B], BADAS 2B [BADA2B]  
DILNA 2B [DILN2B], NATUS 2B [NATU2B]  
RWY 24 ARRIVALS



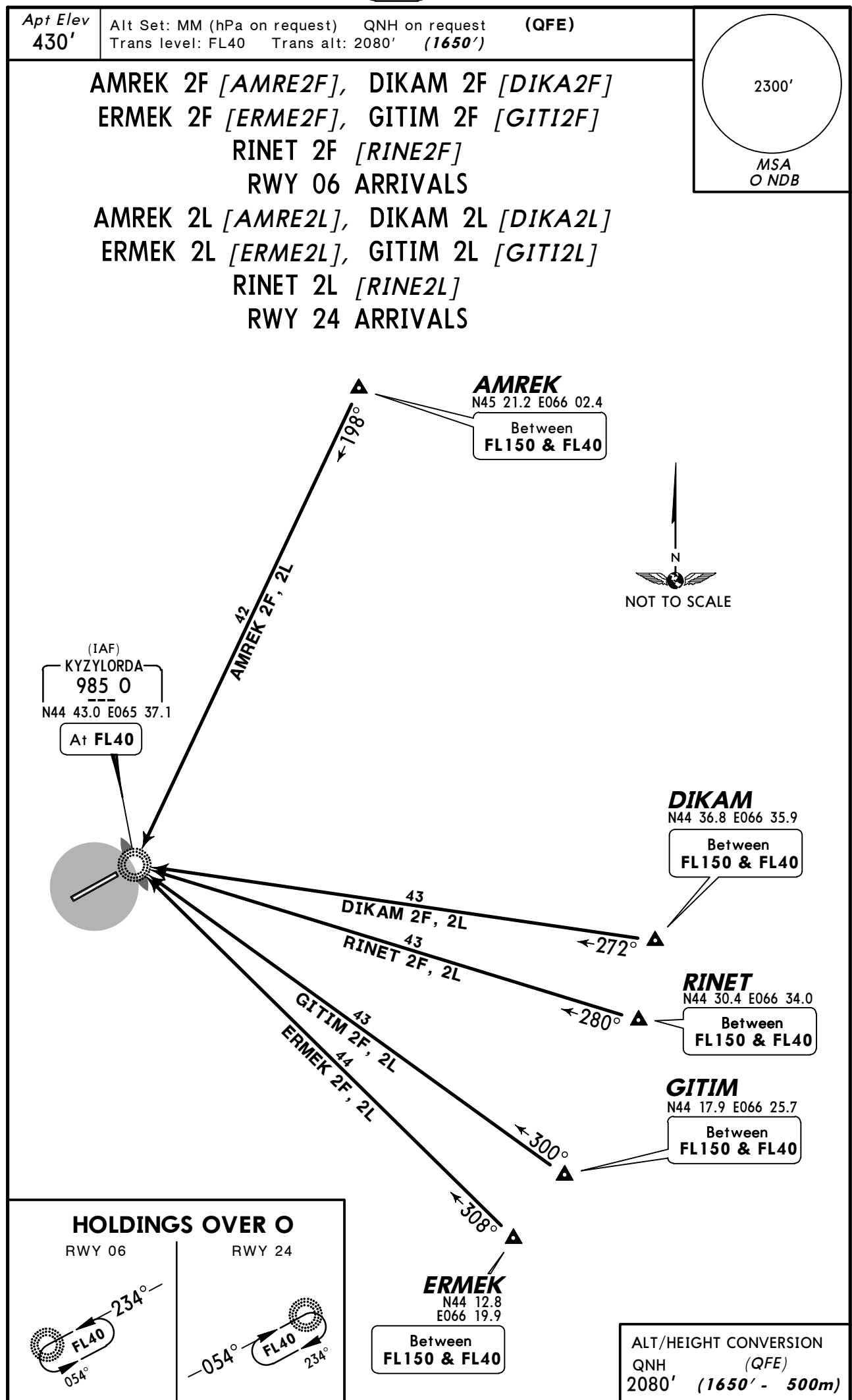
### HOLDINGS OVER KZO

RWY 06

RWY 24



ALT/HEIGHT CONVERSION  
QNH (QFE)  
2080' (1650' - 500m)

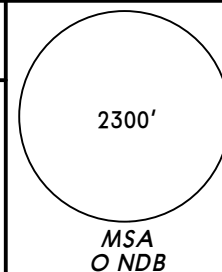


Apt Elev

430'

Alt Set: MM (hPa on request) QNH on request (QFE)

Trans level: FL40 Trans alt: 2080' (1650')



AGMUR 2F [AGMU2F], BADAS 2F [BADA2F]

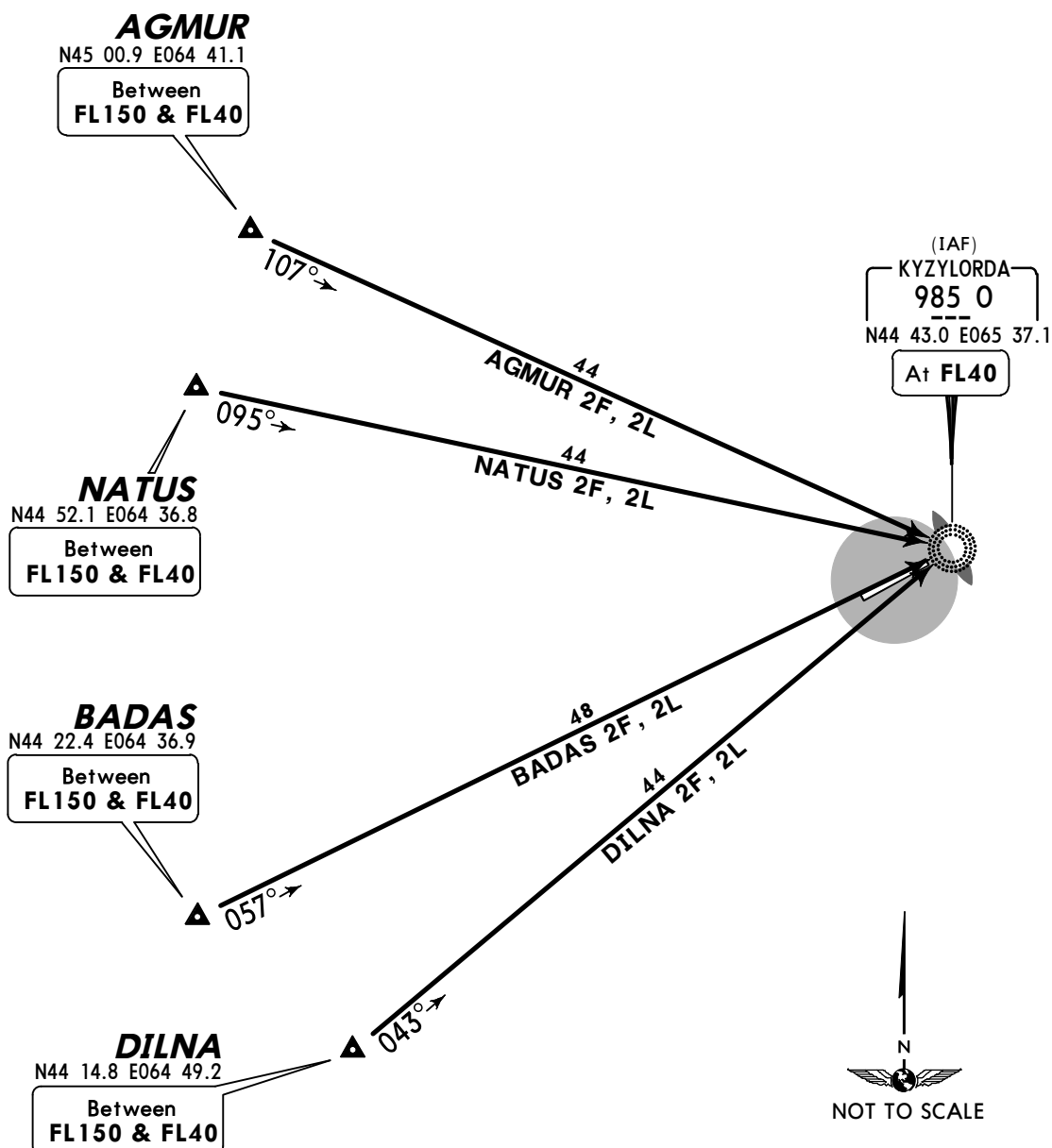
DILNA 2F [DILN2F], NATUS 2F [NATU2F]

RWY 06 ARRIVALS

AGMUR 2L [AGMU2L], BADAS 2L [BADA2L]

DILNA 2L [DILN2L], NATUS 2L [NATU2L]

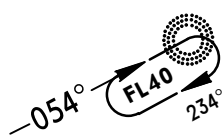
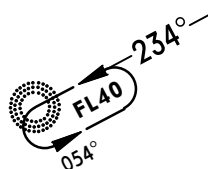
RWY 24 ARRIVALS



# HOLDINGS OVER O

RWY 06

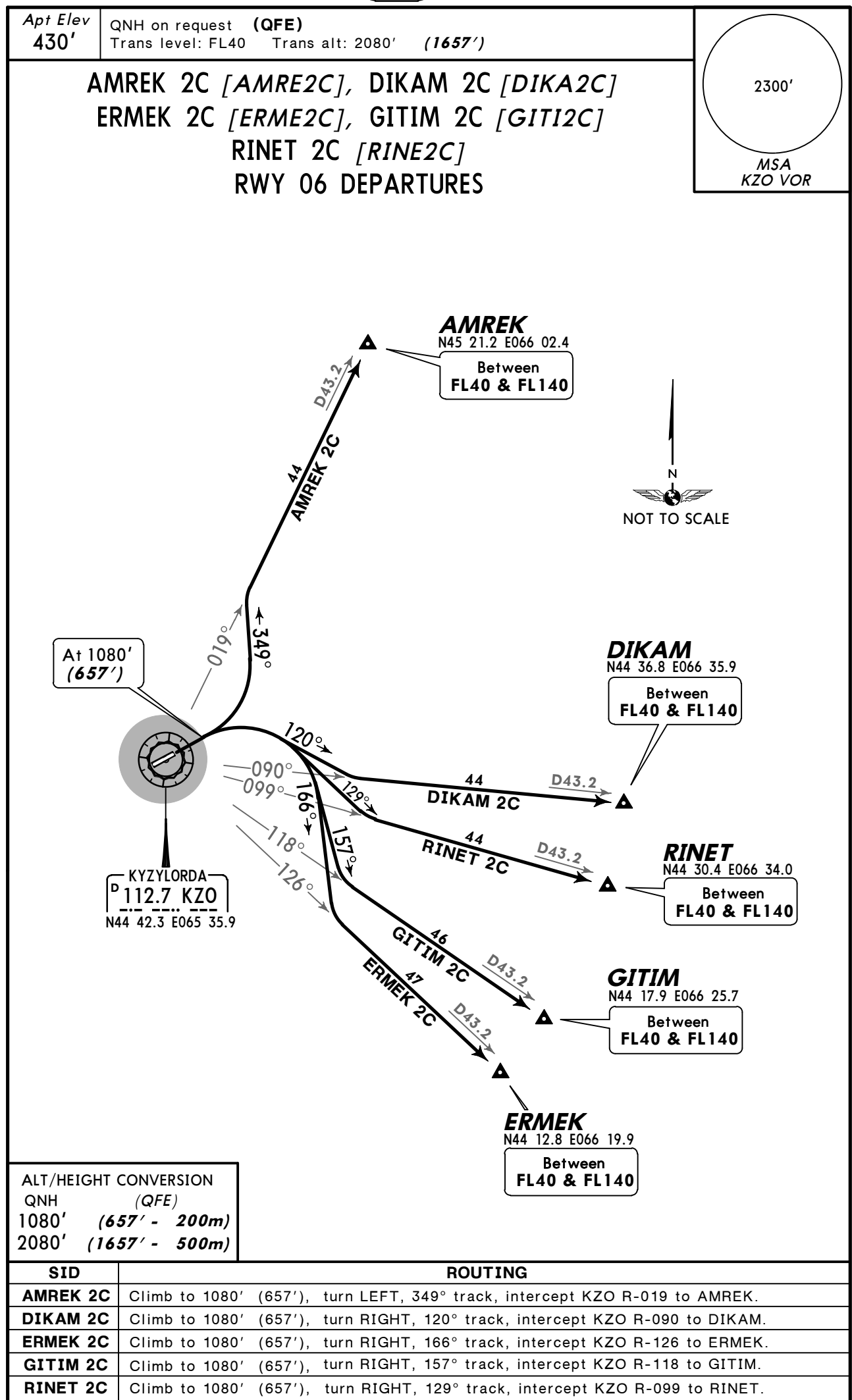
RWY 24

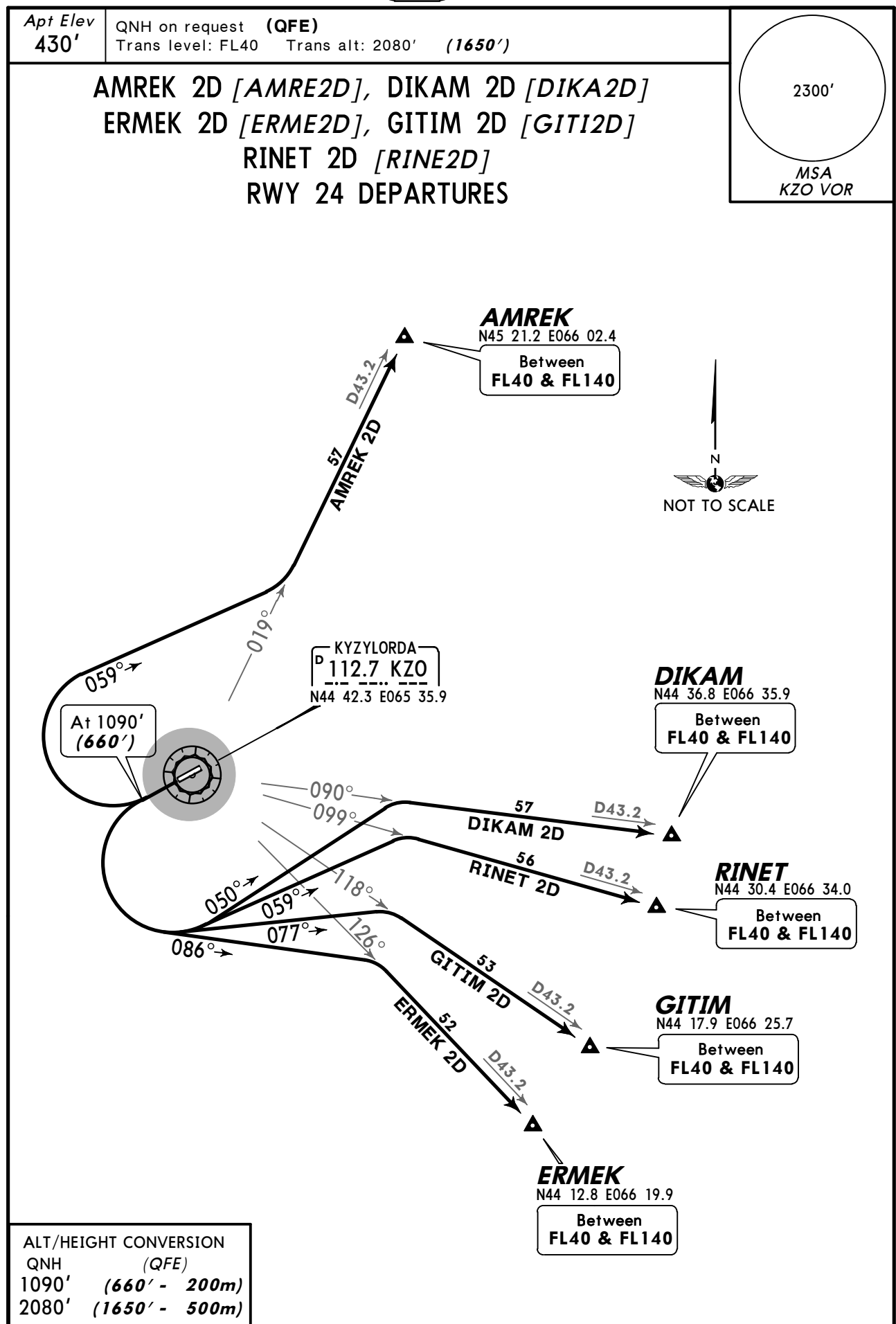


ALT/HEIGHT CONVERSION

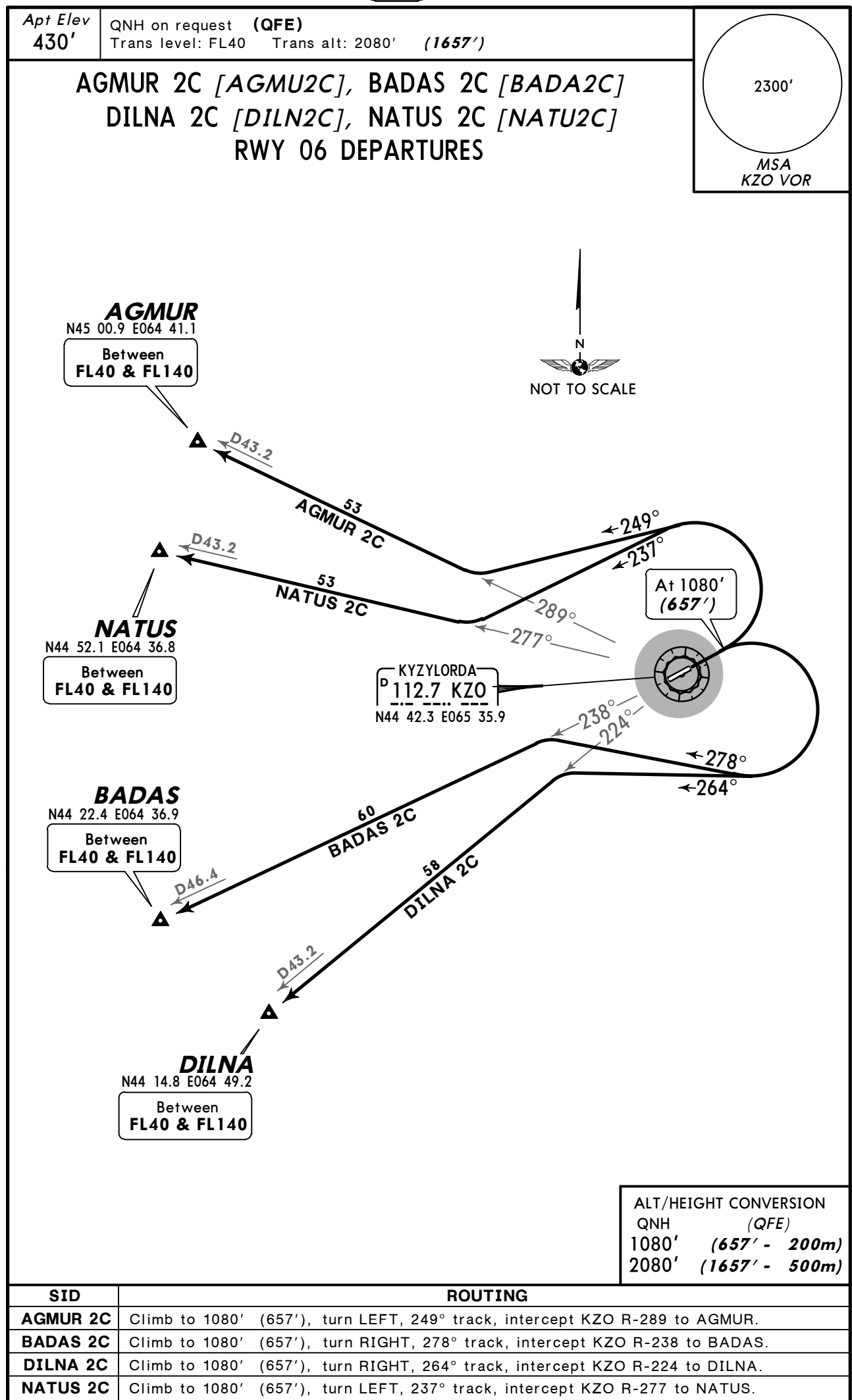
QNH (QFE)

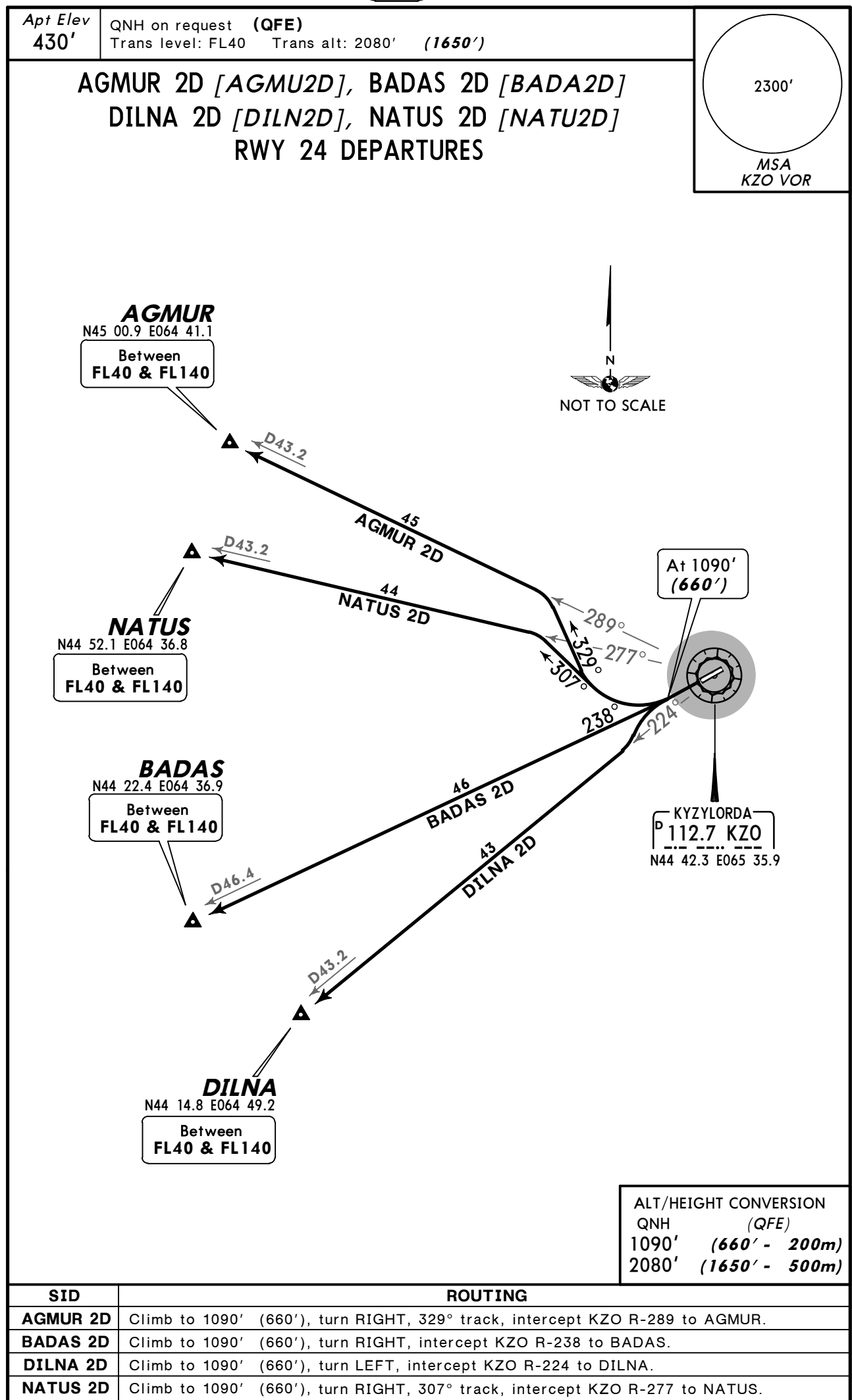
2080' (1650' - 500m)





| SID      | ROUTING                                                                      |
|----------|------------------------------------------------------------------------------|
| AMREK 2D | Climb to 1090' (660'), turn RIGHT, 059° track, intercept KZO R-019 to AMREK. |
| DIKAM 2D | Climb to 1090' (660'), turn LEFT, 050° track, intercept KZO R-090 to DIKAM.  |
| ERMEK 2D | Climb to 1090' (660'), turn LEFT, 086° track, intercept KZO R-126 to ERMEK   |
| GITIM 2D | Climb to 1090' (660'), turn LEFT, 077° track, intercept KZO R-118 to GITIM.  |
| RINET 2D | Climb to 1090' (660'), turn LEFT, 059° track, intercept KZO R-099 to RINET.  |





**SID**

2300'

*MSA  
OR NDB*

**AMREK**  
N45 21.2 E066 02.4  
Between  
**FL40 & FL140**

KYZYLORDA  
486 OR  
N44 43.8 E065 39.2

At or above  
1080' (**657'**)

**DIKAM**  
N44 36.8 E066 35.9  
Between  
**FL40 & FL140**

**RINET**  
N44 30.4 E066 34.0  
Between  
**FL40 & FL140**

**GITIM**  
N44 17.9 E066 25.7  
Between  
**FL40 & FL140**

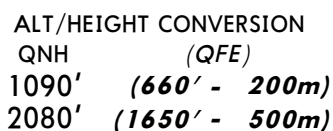
**ERMEK**  
N44 12.8 E066 19.9  
Between  
**FL40 & FL140**

| SID      | ROUTING                                                                                                          |
|----------|------------------------------------------------------------------------------------------------------------------|
| AMREK 1E | Climb to 1080' (657') or above, when passing OR turn LEFT, intercept 017° bearing from OR to AMREK.              |
| DIKAM 1E | Climb to 1080' (657') or above, when passing OR turn RIGHT, intercept 092° bearing from OR to DIKAM.             |
| ERMEK 1E | Climb to 1080' (657') or above, when passing OR turn RIGHT, 165° track, intercept 130° bearing from OR to ERMEK. |
| GITIM 1E | Climb to 1080' (657') or above, when passing OR turn RIGHT, 151° track, intercept 121° bearing from OR to GITIM. |
| RINET 1E | Climb to 1080' (657') or above, when passing OR turn RIGHT, intercept 102° bearing from OR to RINET.             |

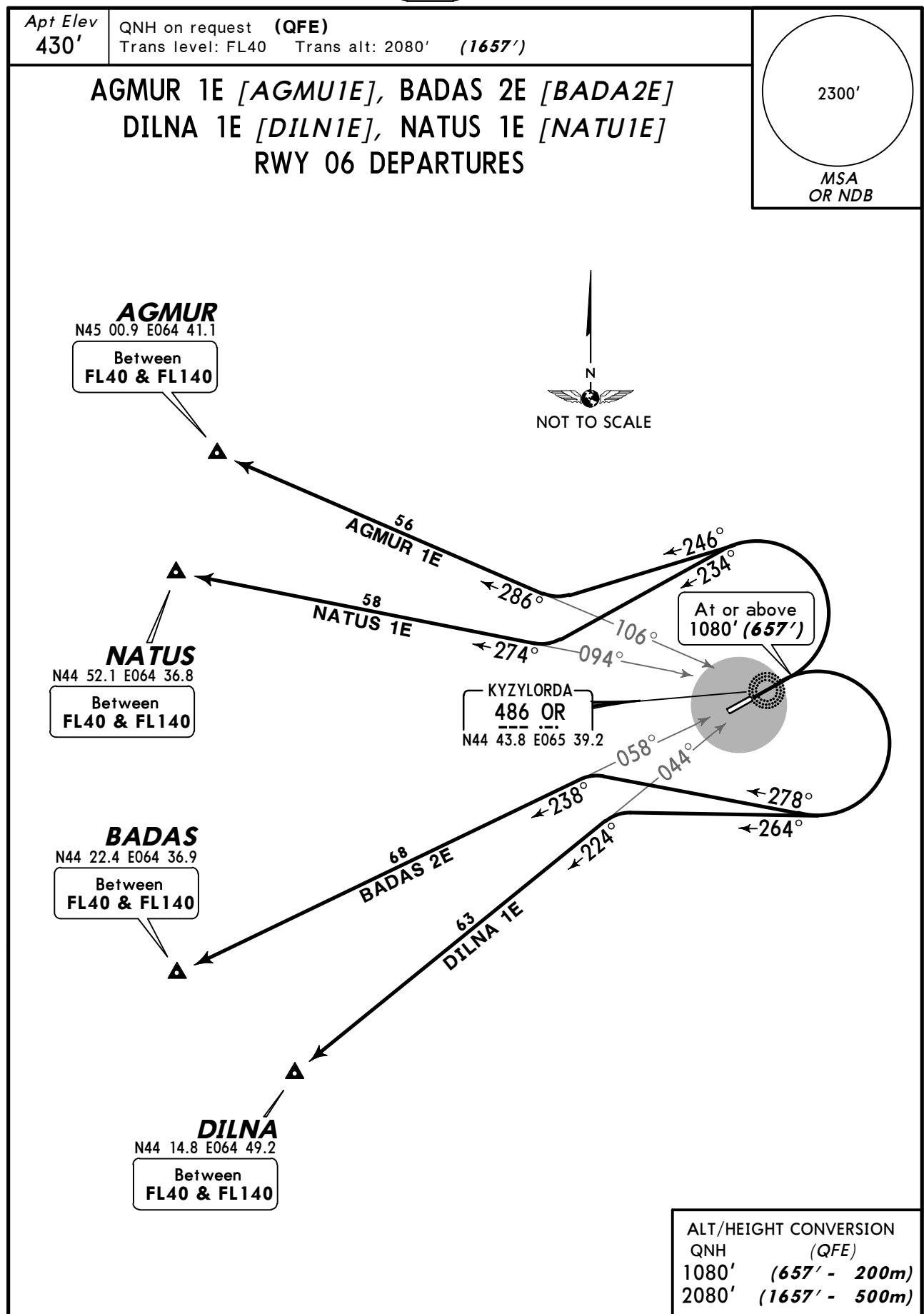
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2300'

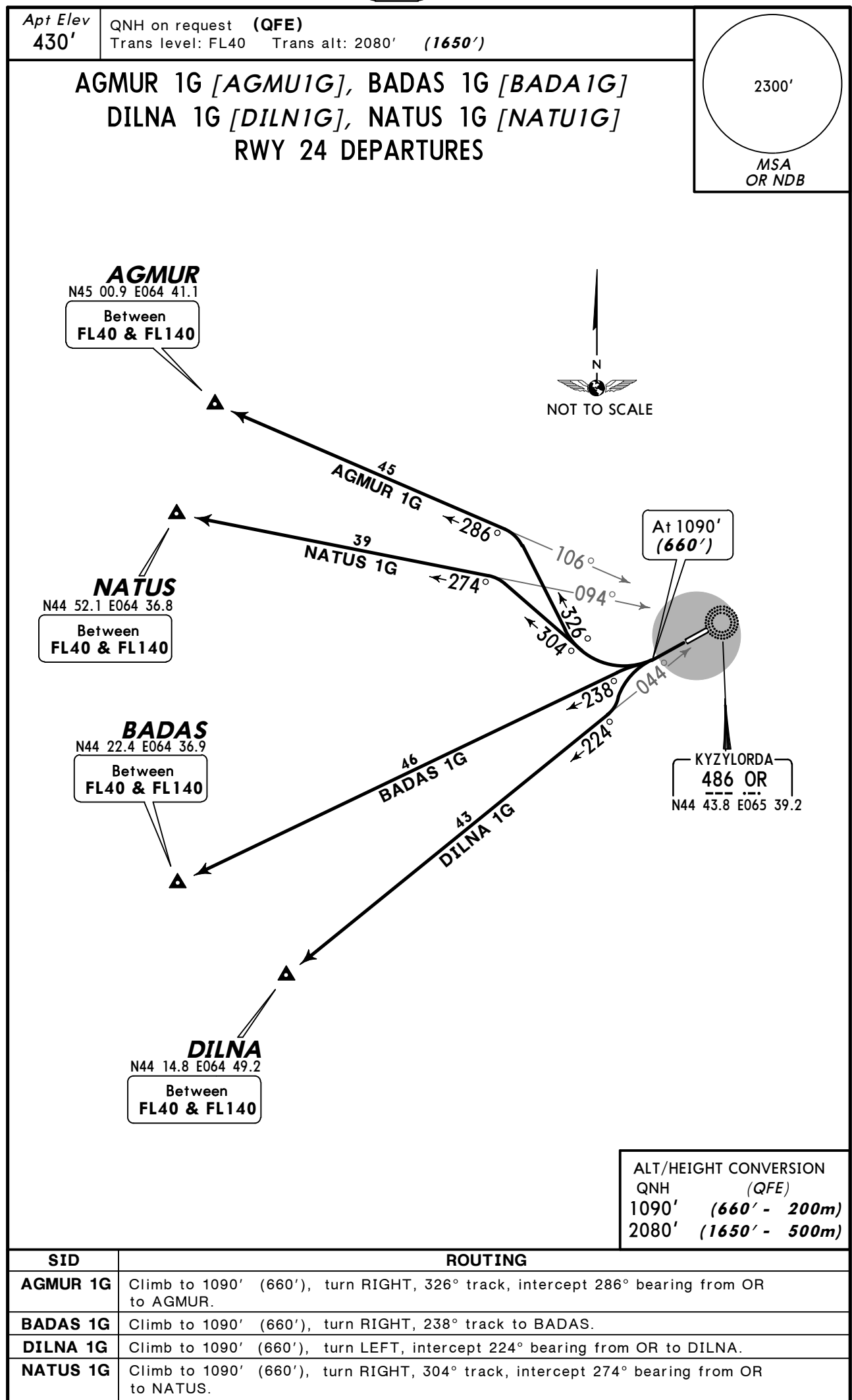
MSA  
OR NDB



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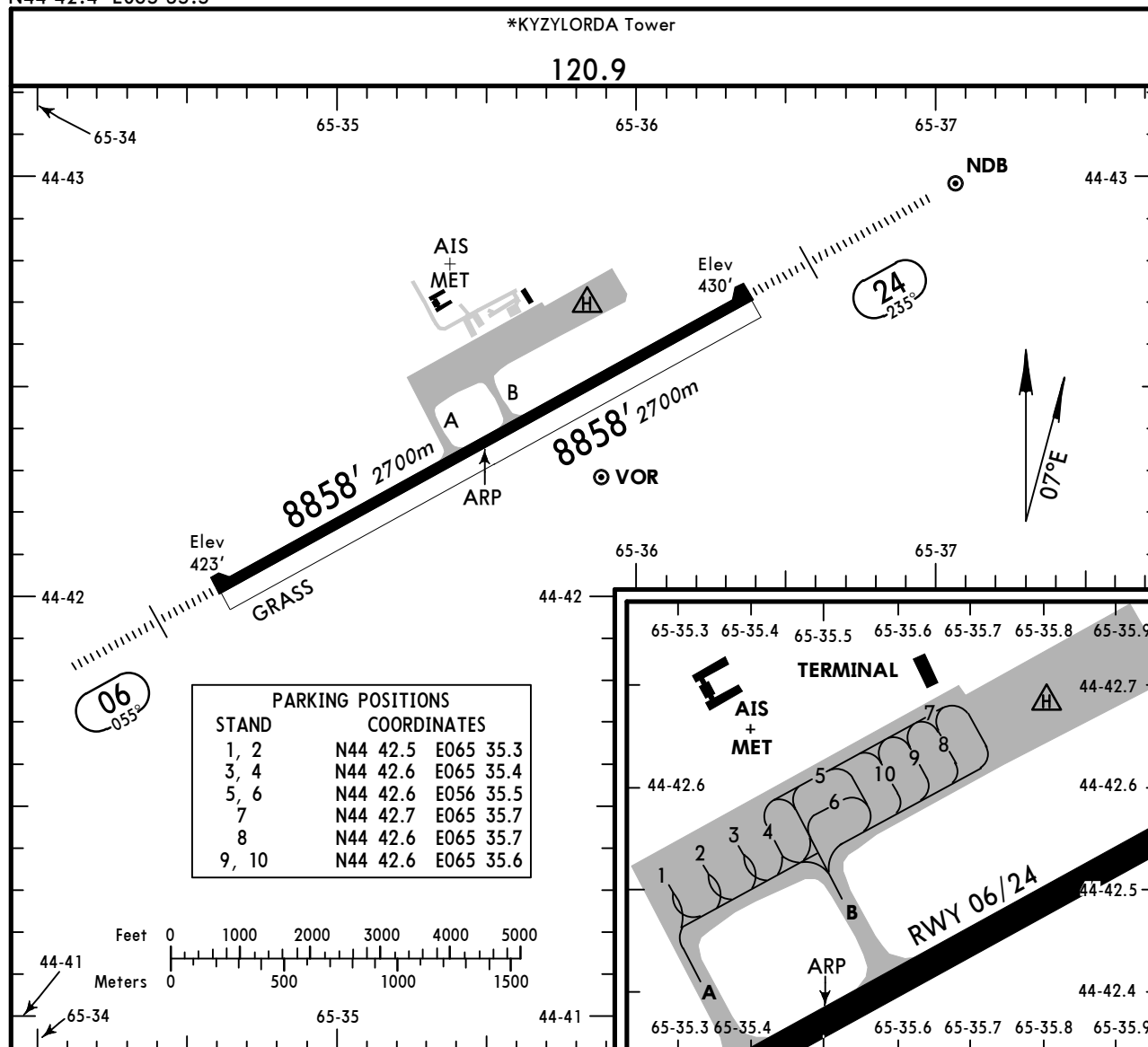


| SID      | ROUTING                                                                                                          |
|----------|------------------------------------------------------------------------------------------------------------------|
| AGMUR 1E | Climb to 1080' (657') or above, when passing OR turn LEFT, 246° track, intercept 286° bearing from OR to AGMUR.  |
| BADAS 2E | Climb to 1080' (657') or above, when passing OR turn RIGHT, 278° track, intercept 238° bearing from OR to BADAS. |
| DILNA 1E | Climb to 1080' (657') or above, when passing OR turn RIGHT, 264° track, intercept 224° bearing from OR to DILNA. |
| NATUS 1E | Climb to 1080' (657') or above, when passing OR turn LEFT, 234° track, intercept 274° bearing from OR to NATUS.  |



UA00/KZO  
Apt Elev 430'  
N44 42.4 E065 35.5

JEPPESEN KYZYLORDA, KAZAKHSTAN  
16 NOV 12 (10-9)  
KYZYLORDA



#### ADDITIONAL RUNWAY INFORMATION

| RWY |                                           |             |          |  | USABLE LENGTHS |        | WIDTH       |
|-----|-------------------------------------------|-------------|----------|--|----------------|--------|-------------|
|     |                                           |             |          |  | LANDING        | BEYOND |             |
|     | Threshold                                 | Glide Slope | TAKE-OFF |  |                |        |             |
| 06  | HIRL (60m) HIALS TDZ PAPI-L (angle 3.00°) | 8129' 2478m |          |  |                |        | 148'<br>45m |
| 24  | HIRL (60m) HIALS TDZ                      |             |          |  |                |        |             |
| 06  | Grass runway                              |             |          |  |                |        | 279'<br>85m |
| 24  |                                           |             |          |  |                |        |             |
|     |                                           |             |          |  |                |        |             |
|     |                                           |             |          |  |                |        |             |
|     |                                           |             |          |  |                |        |             |

#### TAKE-OFF

AIR CARRIER (JAA)  
Main Rwy

|   | DAY           | NIGHT         |
|---|---------------|---------------|
|   | RL            | RL            |
| A |               |               |
| B | 400m <b>1</b> | 400m <b>1</b> |
| C |               |               |
| D | 500m          | 400m          |

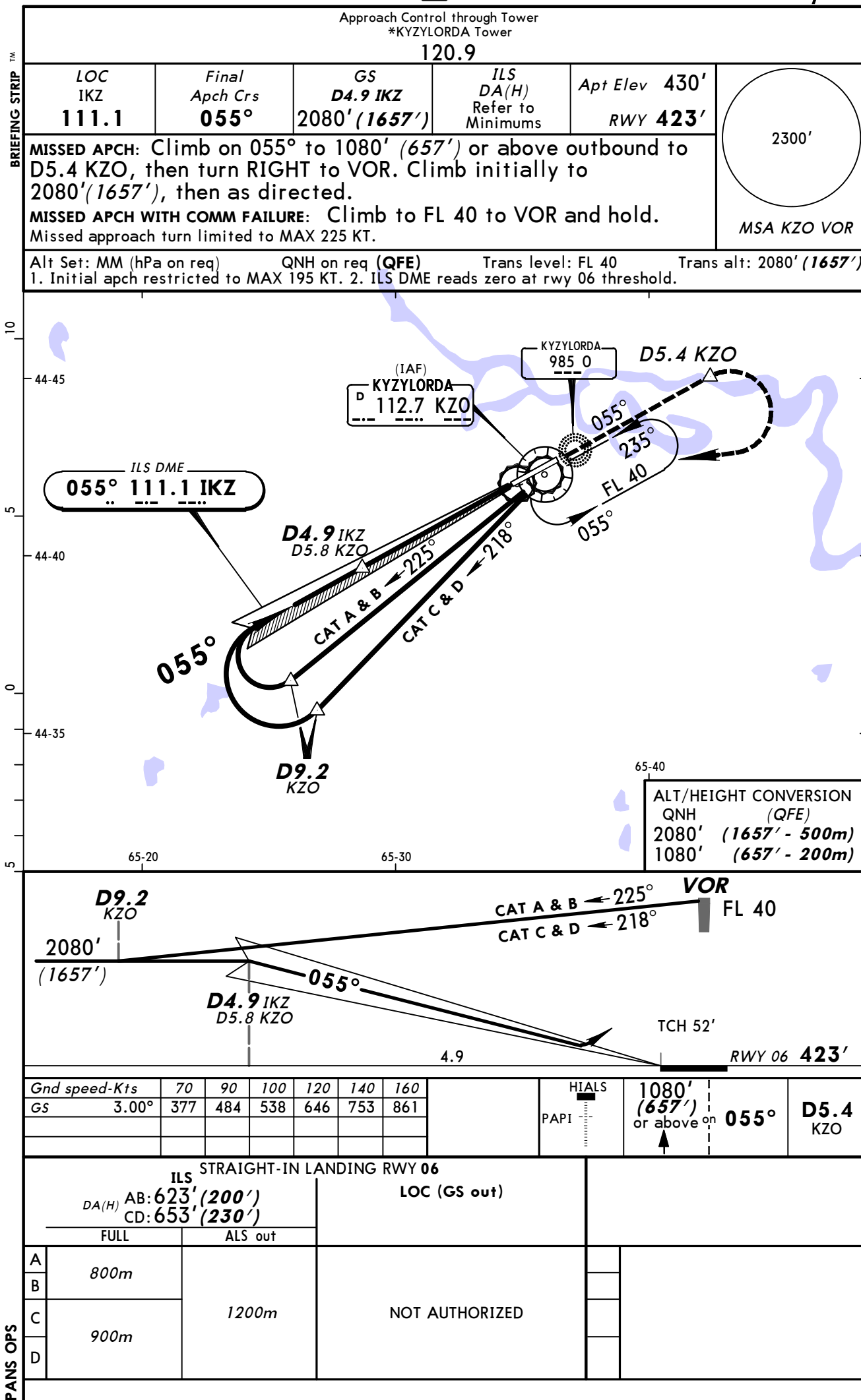
**1** LVP must be in force: 300m.

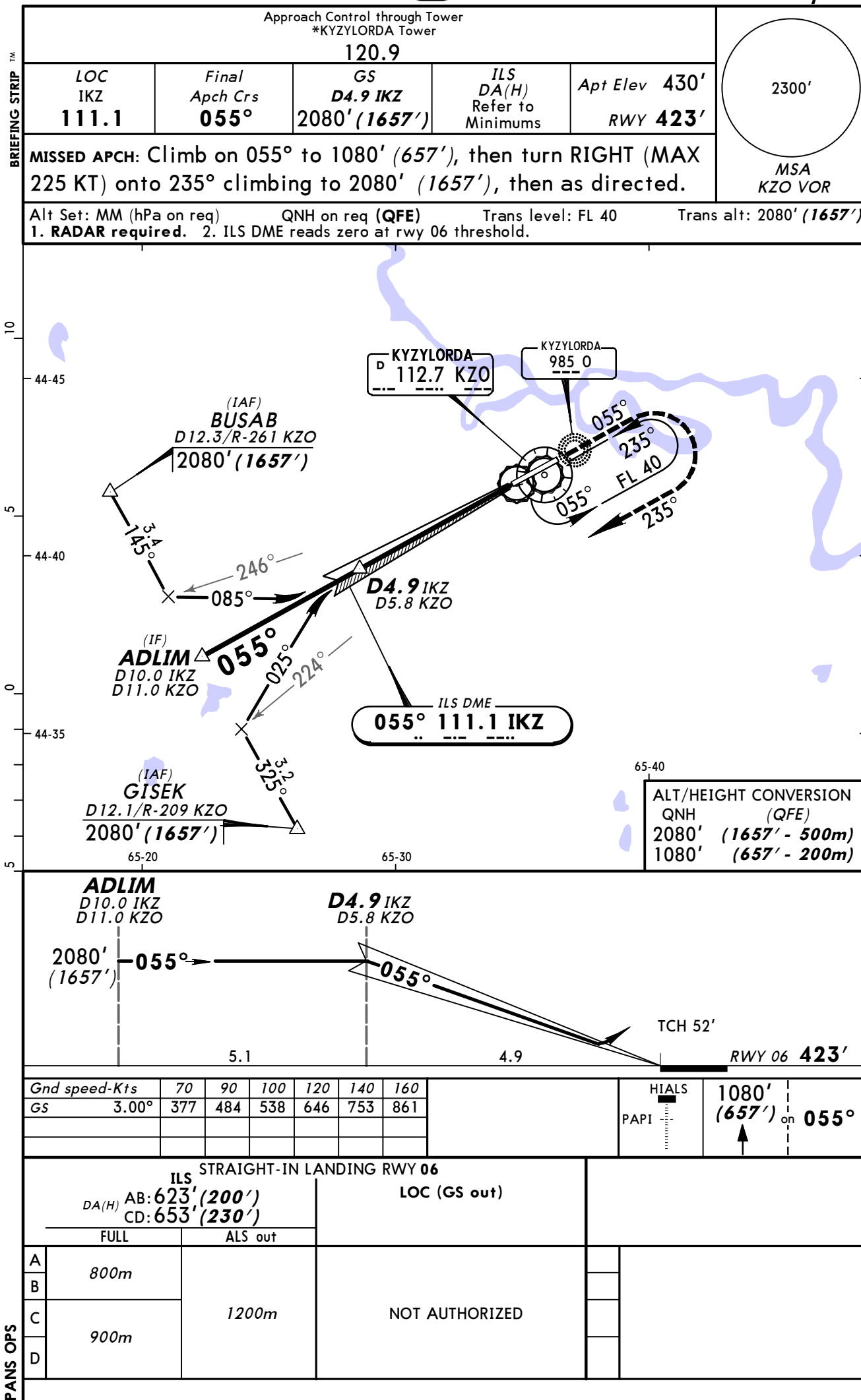
CHANGES: Taxiway guidance lines.

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UA00/KZO  
KYZYLORDA

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4 NOV 11 11-1 Eff 17 Nov ILS DME Z Rwy 06





UA00/KZO  
KYZYLORDA

JEPPESEN KYZYLORDA, KAZAKHSTAN  
23 MAR 12 (11-3) Eff 5 Apr ILS DME X Rwy 06

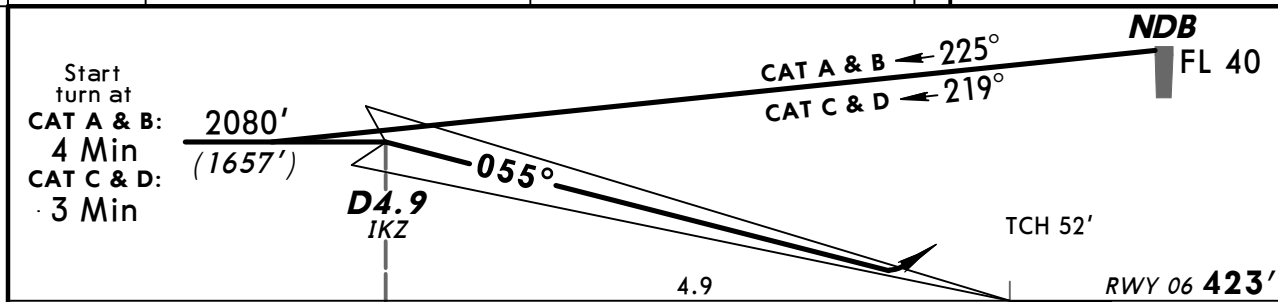
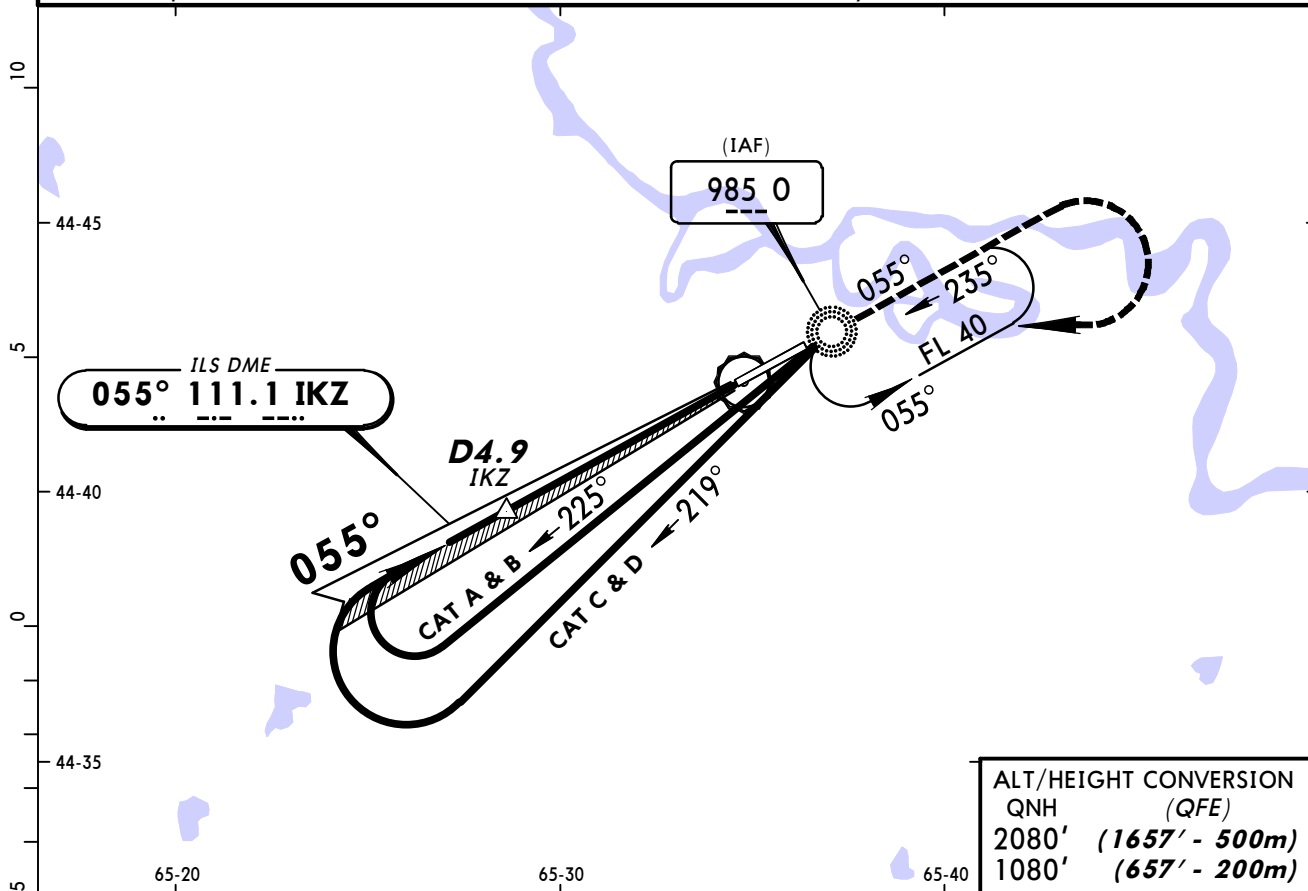
Approach Control through Tower

\*KYZYLORDA Tower

120.9

BRIEFING STRIP

| LOC<br>IKZ<br>111.1                                                                                                                                                                                                                                                                                            | Final<br>Apch Crs<br>055° | GS<br>D4.9 IKZ<br>2080' (1657') | ILS<br>DA(H)<br>Refer to<br>Minimums | Apt Elev 430'<br>RWY 423' | 2300'     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|--------------------------------------|---------------------------|-----------|
| <b>MISSED APCH:</b> Climb on 055° to 1080' (657') or above. After passing NDB maintain 055° for 1 Min 20 Sec, then turn RIGHT to NDB. Climb initially to 2080' (1657'), then as directed.<br><b>MISSED APCH WITH COMM FAILURE:</b> Climb to FL 40 to NDB and hold. Missed approach turn limited to MAX 225 KT. |                           |                                 |                                      |                           | MSA O NDB |
| Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 2080' (1657')<br>1. Initial apch restricted to MAX 195 KT. 2. ILS DME reads zero at rwy 06 threshold.                                                                                                                                  |                           |                                 |                                      |                           |           |



| Gnd speed-Kts | 70    | 90  | 100 | 120 | 140 | 160 | HIALS | 1080' (657') or above on 055° |
|---------------|-------|-----|-----|-----|-----|-----|-------|-------------------------------|
| GS            | 3.00° | 372 | 478 | 531 | 637 | 743 | PAPI  |                               |

| ILS STRAIGHT-IN LANDING RWY 06           |      |       |  | LOC (GS out)   |  |
|------------------------------------------|------|-------|--|----------------|--|
| DA(H) AB: 623' (200')<br>CD: 653' (230') |      | FULL  |  | ALS out        |  |
| A                                        | 800m | 1200m |  | NOT AUTHORIZED |  |
| B                                        |      |       |  |                |  |
| C                                        | 900m |       |  |                |  |
| D                                        |      |       |  |                |  |

PANS OPS

CHANGES: None.

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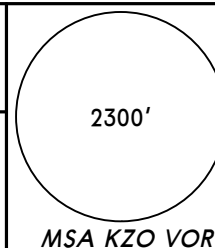
Approach Control through Tower

\*KYZYLORDA Tower

120.9

BRIEFING STRIP

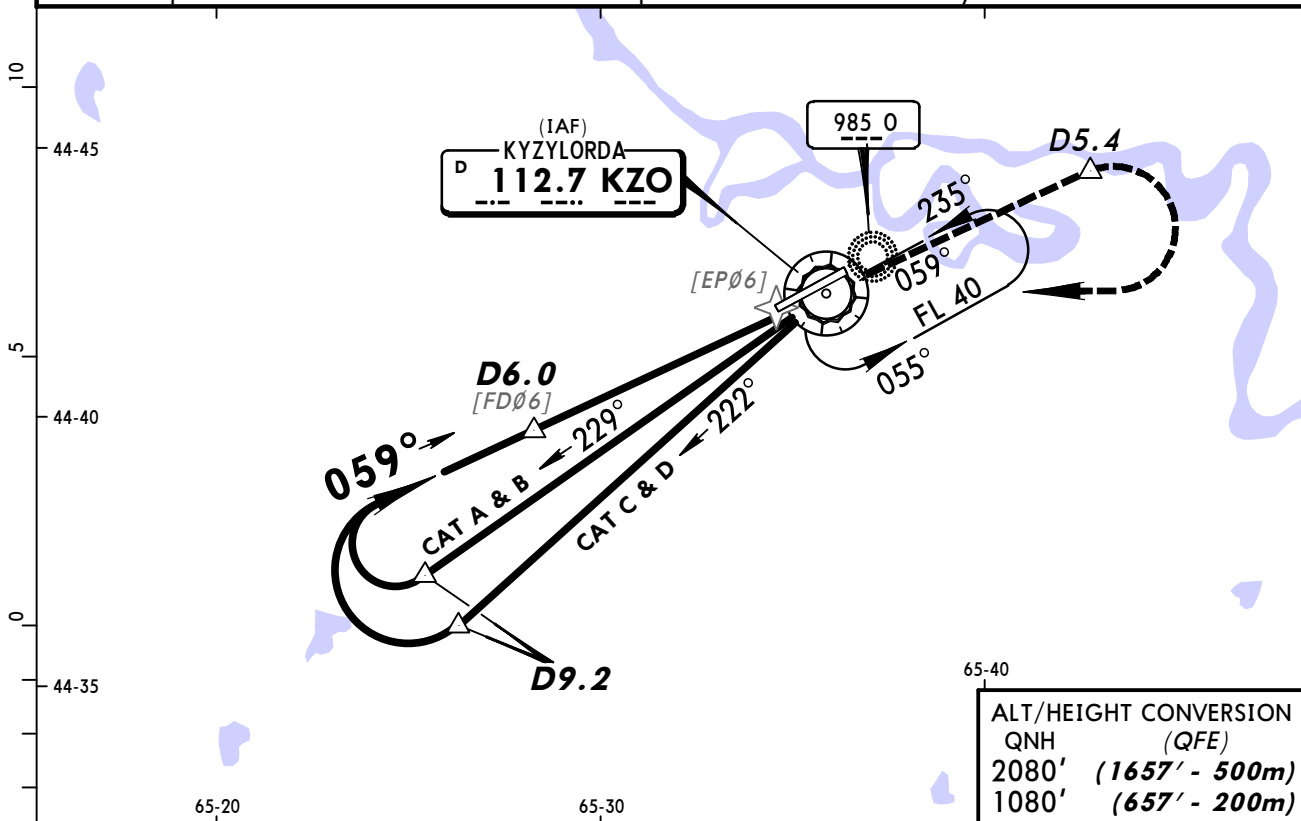
|                            |                                  |                                             |                              |                                         |
|----------------------------|----------------------------------|---------------------------------------------|------------------------------|-----------------------------------------|
| VOR<br>KZO<br><b>112.7</b> | Final<br>Apch Crs<br><b>059°</b> | Minimum Alt<br><b>D6.0</b><br>2080' (1657') | MDA(H)<br><b>790' (367')</b> | Apt Elev <b>430'</b><br>RWY <b>423'</b> |
|----------------------------|----------------------------------|---------------------------------------------|------------------------------|-----------------------------------------|



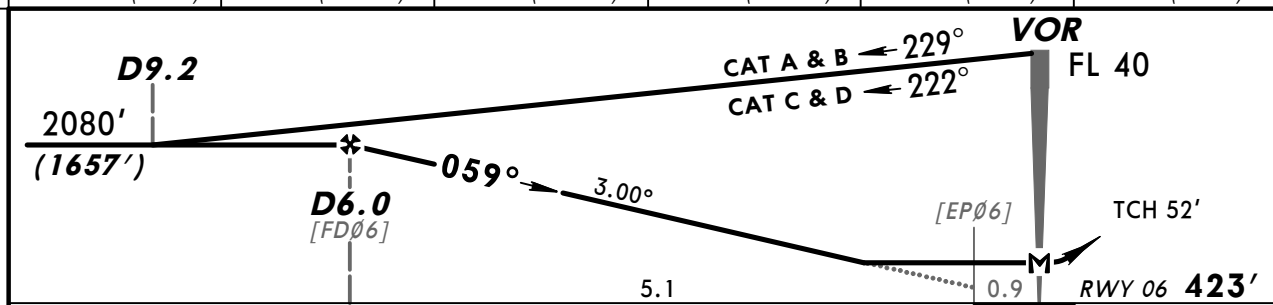
**MISSED APCH:** Climb on 059° to 1080' (657') or above outbound to D5.4, then turn RIGHT to VOR. Climb initially to 2080' (1657'), then as directed.

**MISSED APCH WITH COMM FAILURE:** Climb to FL 40 to VOR and hold.  
Missed approach turn limited to MAX 225 KT.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 Trans alt: 2080' (1657')  
1. Initial apch restricted to MAX 195 KT. 2. Final apch track offset 4° from rwy centerline.



|                |               |               |               |              |             |
|----------------|---------------|---------------|---------------|--------------|-------------|
| KZO DME        | 6.0           | 5.0           | 4.0           | 3.0          | 2.0         |
| ALTITUDE (HAT) | 2080' (1657') | 1750' (1327') | 1440' (1017') | 1120' (697') | 810' (387') |



|                     |     |     |     |     |     |     |               |                               |      |
|---------------------|-----|-----|-----|-----|-----|-----|---------------|-------------------------------|------|
| Gnd speed-Kts       | 70  | 90  | 100 | 120 | 140 | 160 | HIALS<br>PAPI | 1080' (657') or above on 059° | D5.4 |
| Descent angle 3.00° | 372 | 478 | 531 | 637 | 743 | 849 |               |                               |      |
| MAP at VOR          |     |     |     |     |     |     |               |                               |      |

STRAIGHT-IN LANDING RWY 06

MDA(H) **790' (367')**

ALS out

|   |       |       |
|---|-------|-------|
| A | 900m  | 1600m |
| B | 1000m |       |
| C |       |       |
| D | 1600m |       |

PANS OPS

120.9

UA00/KZO  
KYZYLORDA

23 MAR 12

16-1

Eff 5 Apr

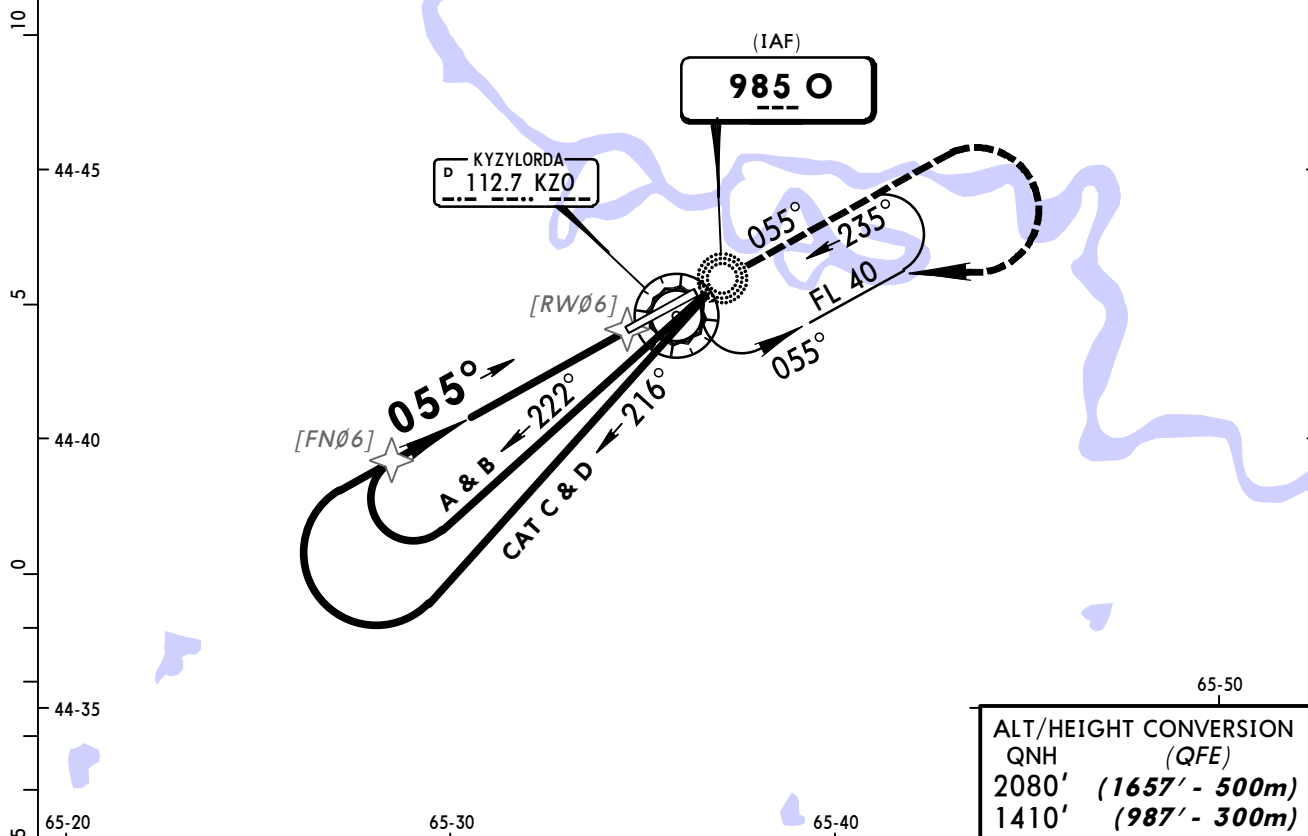
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NDB Rwy 06

Approach Control through Tower  
\*KYZYLORDA Tower

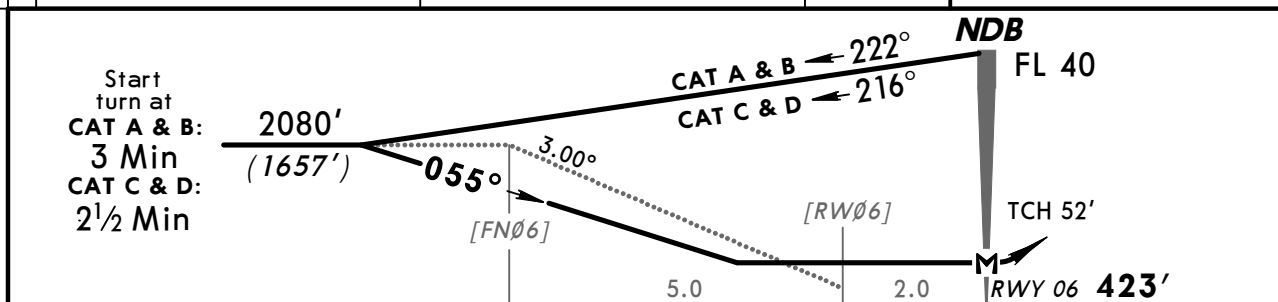
120.9

BRIEFING STRIP

|                                                                                                                                                                                                                                                                                                                   |                                        |                                   |                                  |                                       |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------|----------------------------------|---------------------------------------|---------------------------------------|
| <div>NDB<br/>O<br/>985</div>                                                                                                                                                                                                                                                                                      | <div>Final<br/>Apch Crs<br/>055°</div> | <div>Minimum Alt<br/>No FAF</div> | <div>MDA(H)<br/>850'(427')</div> | <div>Apt Elev 430'<br/>RWY 423'</div> | <div>2300'</div> <div>MSA O NDB</div> |
| <div>MISSED APCH: Climb on 055° to 1410'(987') or above. After passing NDB maintain 055° for 1 Min 20 Sec, then turn RIGHT to NDB. Climb initially to 2080'(1657'), then as directed.</div> <div>MISSED APCH WITH COMM FAILURE: Climb to FL 40 to NDB and hold. Missed approach turn limited to MAX 225 KT.</div> |                                        |                                   |                                  |                                       |                                       |
| <div>Alt Set: MM (hPa on req)</div> <div>Initial apch restricted to MAX 195 KT.</div>                                                                                                                                                                                                                             |                                        | <div>QNH on req (QFE)</div>       | <div>Trans level: FL 40</div>    | <div>Trans alt: 2080' (1657')</div>   |                                       |



| ALT/HEIGHT CONVERSION | QNH (QFE)      |
|-----------------------|----------------|
| 2080'                 | (1657' - 500m) |
| 1410'                 | (987' - 300m)  |



|                     |     |     |     |     |     |     |                                                |
|---------------------|-----|-----|-----|-----|-----|-----|------------------------------------------------|
| Gnd speed-Kts       | 70  | 90  | 100 | 120 | 140 | 160 | HIALS<br>PAPI<br>1410' (987') or above on 055° |
| Descent angle 3.00° | 372 | 478 | 531 | 637 | 743 | 849 |                                                |
| MAP at NDB          |     |     |     |     |     |     |                                                |

| STRAIGHT-IN LANDING RWY 06 |       |  |       |         |  |
|----------------------------|-------|--|-------|---------|--|
| MDA(H) 850' (427')         |       |  |       | ALS out |  |
| A                          | 1200m |  | 1600m |         |  |
| B                          |       |  |       |         |  |
| C                          |       |  |       |         |  |
| D                          | 1600m |  |       |         |  |

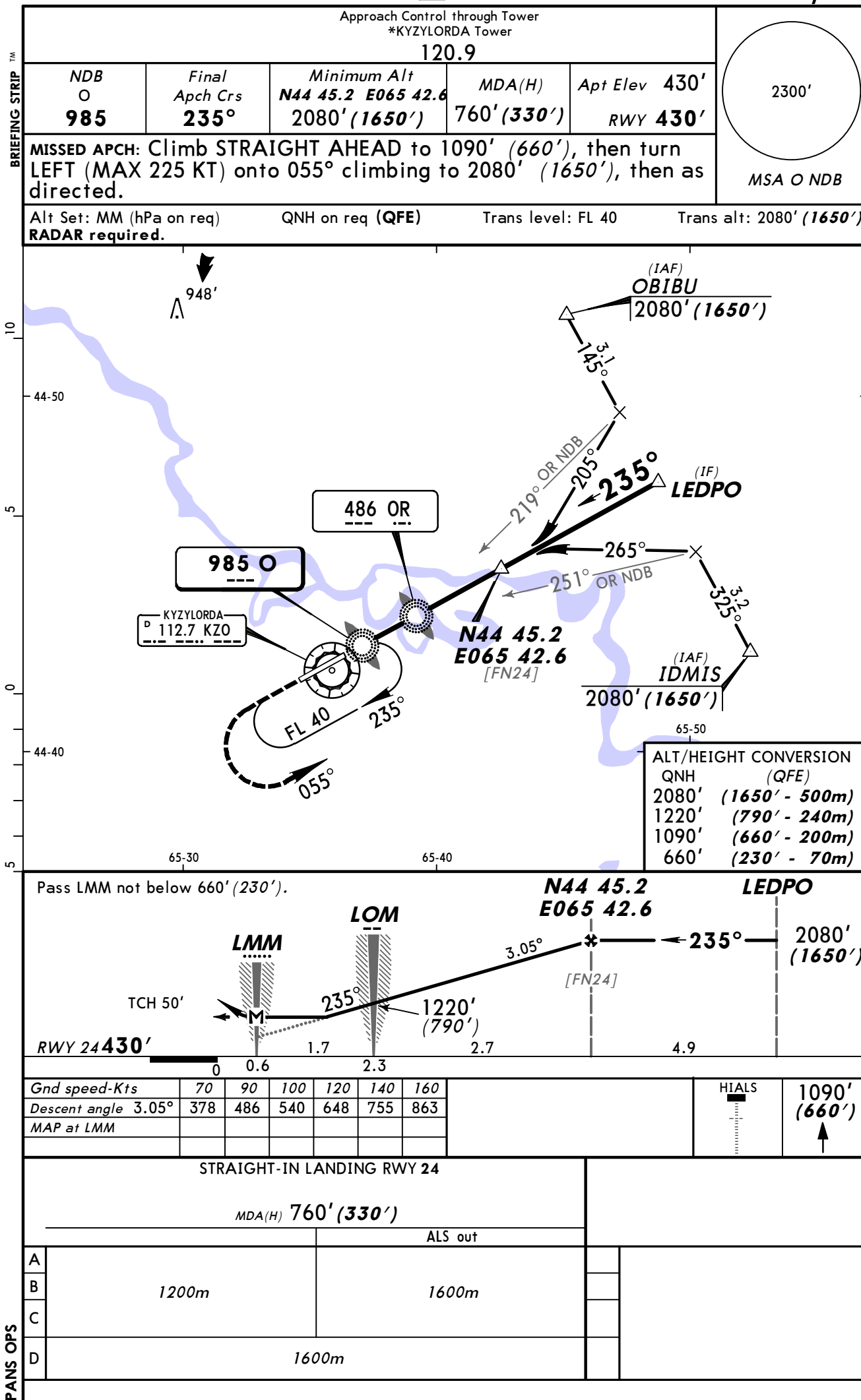
PANS OPS

CHANGES: Minimums.

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UA00/KZO  
KYZYLORDA

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23 MAR 12 (16-2) Eff 5 Apr 2 NDB Rwy 24



CHANGES: Minimums.

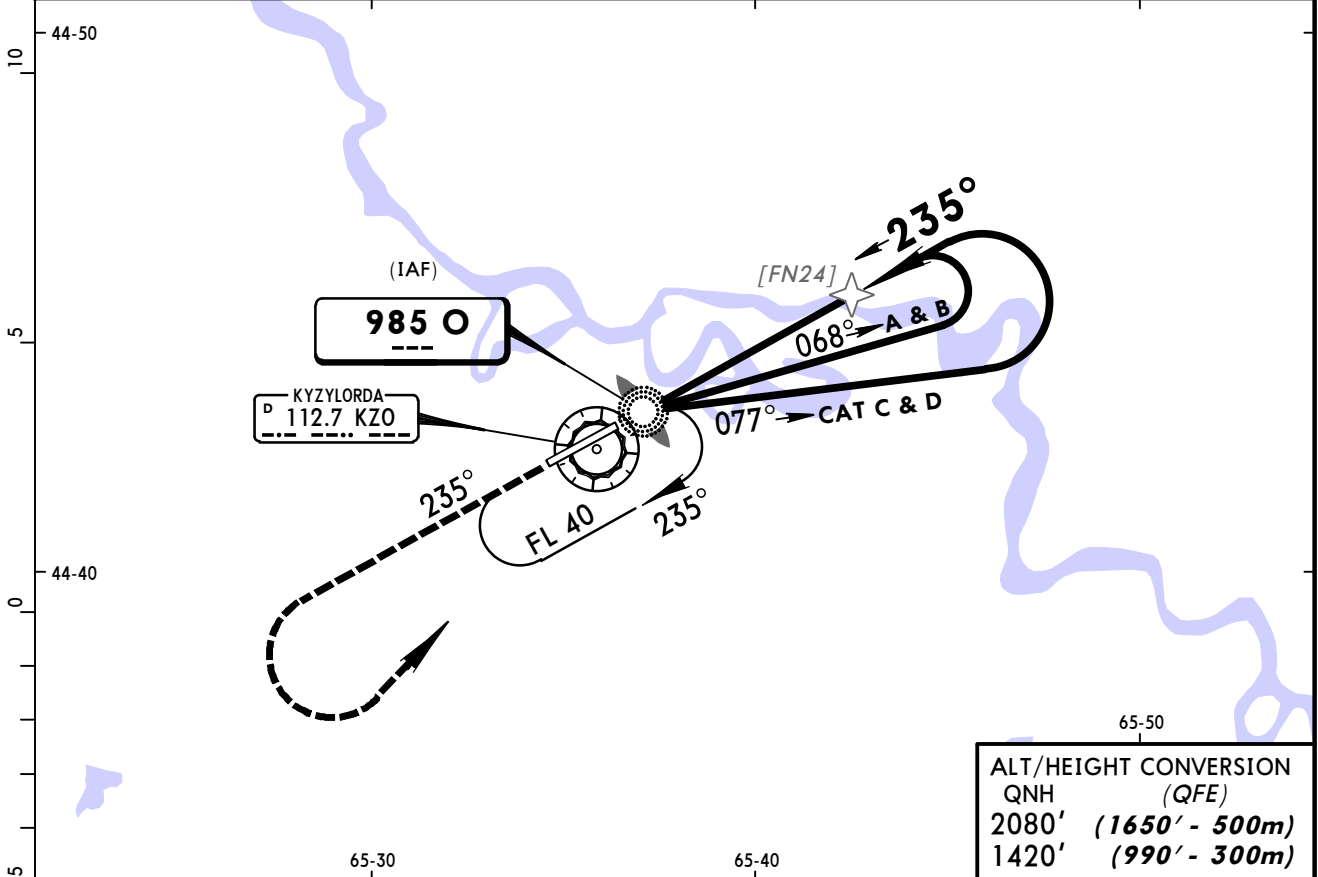
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UA00/KZO  
KYZYLORDA

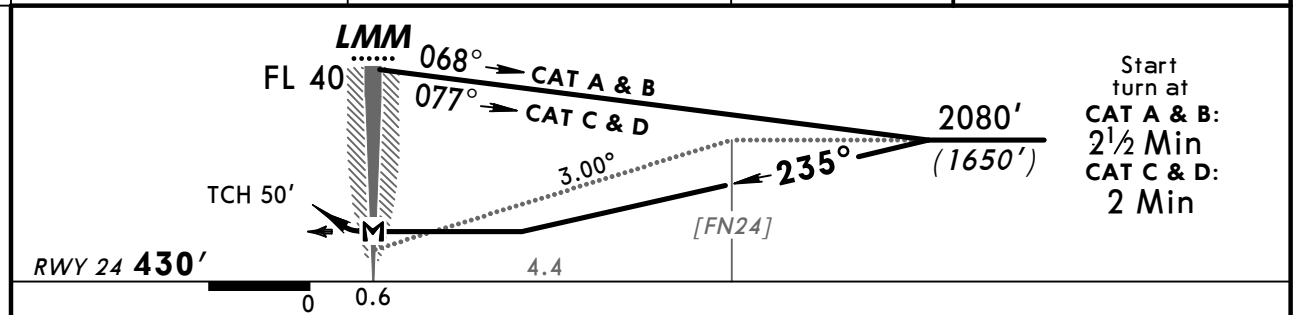
JEPPESSEN KYZYLORDA, KAZAKHSTAN  
23 MAR 12 (16-3) Eff 5 Apr  
NDB Rwy 24

BRIEFING STRIP

|                                                                                                                                                                                          |                                  |                       |                              |                                         |                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------|------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------|
| Approach Control through Tower<br>*KYZYLORDA Tower                                                                                                                                       |                                  |                       |                              |                                         |                                                                                               |
| 120.9                                                                                                                                                                                    |                                  |                       |                              |                                         |                                                                                               |
| NDB<br>O<br><b>985</b>                                                                                                                                                                   | Final<br>Apch Crs<br><b>235°</b> | Minimum Alt<br>No FAF | MDA(H)<br><b>830' (400')</b> | Apt Elev <b>430'</b><br>RWY <b>430'</b> | <div style="text-align: center;">2300'</div> <div style="text-align: center;">MSA O NDB</div> |
| <b>MISSED APCH:</b> Climb on 235° to 1420' (990') or above. After passing NDB maintain 235° for 1 Min 20 Sec, then turn LEFT to NDB. Climb initially to 2080' (1650'), then as directed. |                                  |                       |                              |                                         |                                                                                               |
| <b>MISSED APCH WITH COMM FAILURE:</b> Climb to FL 40 to NDB and hold. Missed approach turn limited to MAX 225 KT.                                                                        |                                  |                       |                              |                                         |                                                                                               |
| Alt Set: MM (hPa on req)                                                                                                                                                                 |                                  | QNH on req (QFE)      | Trans level: FL 40           | Trans alt: 2080' (1650')                |                                                                                               |
| Initial apch restricted to MAX 195 KT.                                                                                                                                                   |                                  |                       |                              |                                         |                                                                                               |



| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 2080'                 | (1650' - 500m) |
| 1420'                 | (990' - 300m)  |



|                     |     |     |     |     |     |     |                                                                                                                   |
|---------------------|-----|-----|-----|-----|-----|-----|-------------------------------------------------------------------------------------------------------------------|
| Gnd speed-Kts       | 70  | 90  | 100 | 120 | 140 | 160 | <div style="text-align: center;">HIALS</div> <div style="text-align: center;">1420' (990') or above on 235°</div> |
| Descent angle 3.00° | 372 | 478 | 531 | 637 | 743 | 849 |                                                                                                                   |
| MAP at LMM          |     |     |     |     |     |     |                                                                                                                   |

|                            |       |       |
|----------------------------|-------|-------|
| STRAIGHT-IN LANDING RWY 24 |       |       |
| MDA(H) 830' (400')         |       |       |
| ALS out                    |       |       |
| A                          |       |       |
| B                          | 1200m | 1600m |
| C                          |       |       |
| D                          | 1600m |       |

PANS OPS

**KYZYLORDA, (KYZYLORDA - UAOO)**

## **TERMINAL CHART CHANGE NOTICES**

### **No Chart Change Notices for Airport UAOO**