

**List of pages in this Trip Kit**

Trip Kit Index

Airport Information For ULAA

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Revision Letter For Cycle 17-2013

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Notebook

## **General Information**

Location: Arkhangelsk Rus  
IATA Code: ARH  
Lat/Long: N64° 36.0' E040° 43.0'  
Elevation: 62 ft

Airport Use: Joint  
Magnetic Variation: 16.1°E

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

Sunrise: 0138 Z  
Sunset: 1700 Z,

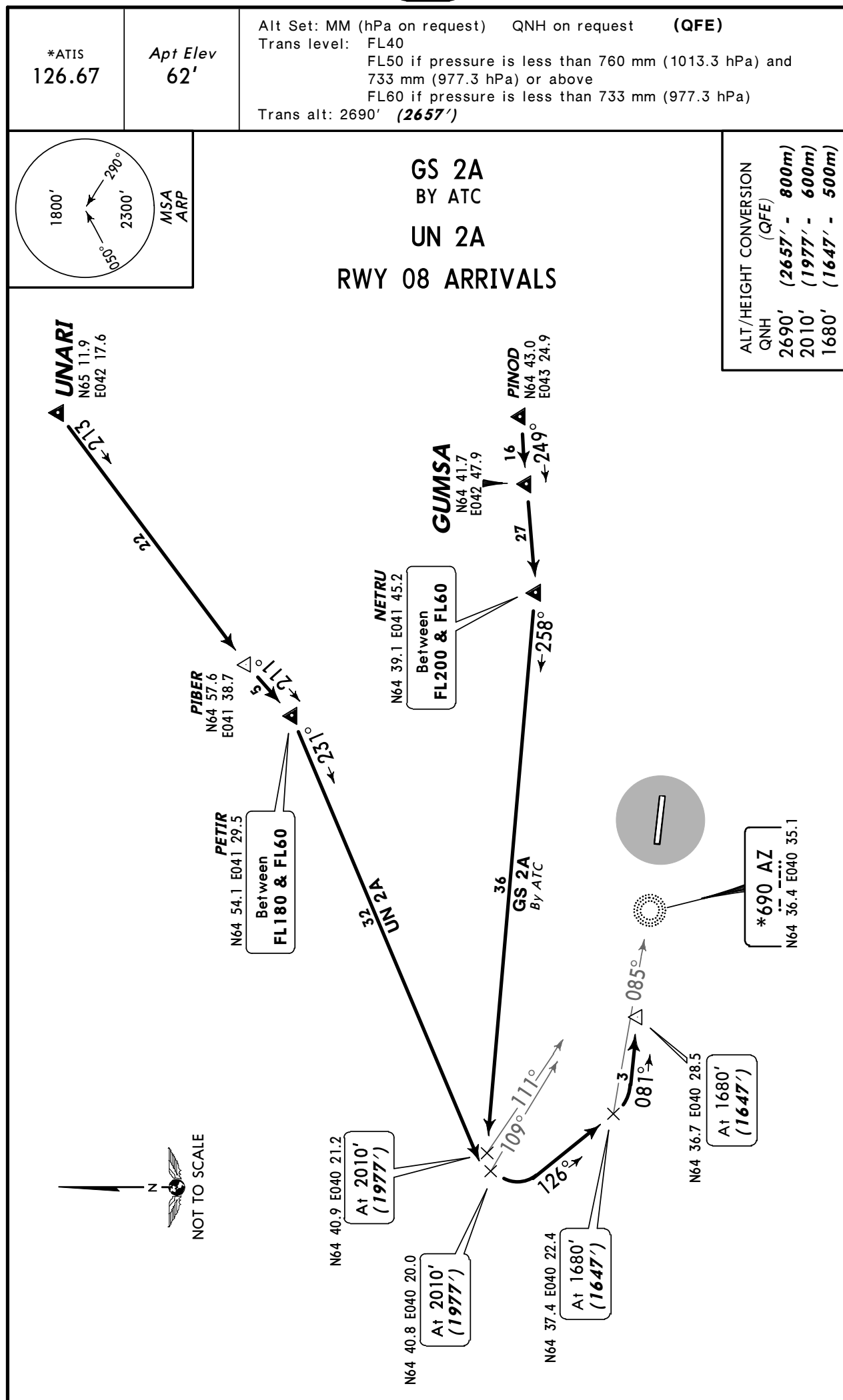
## **Runway Information**

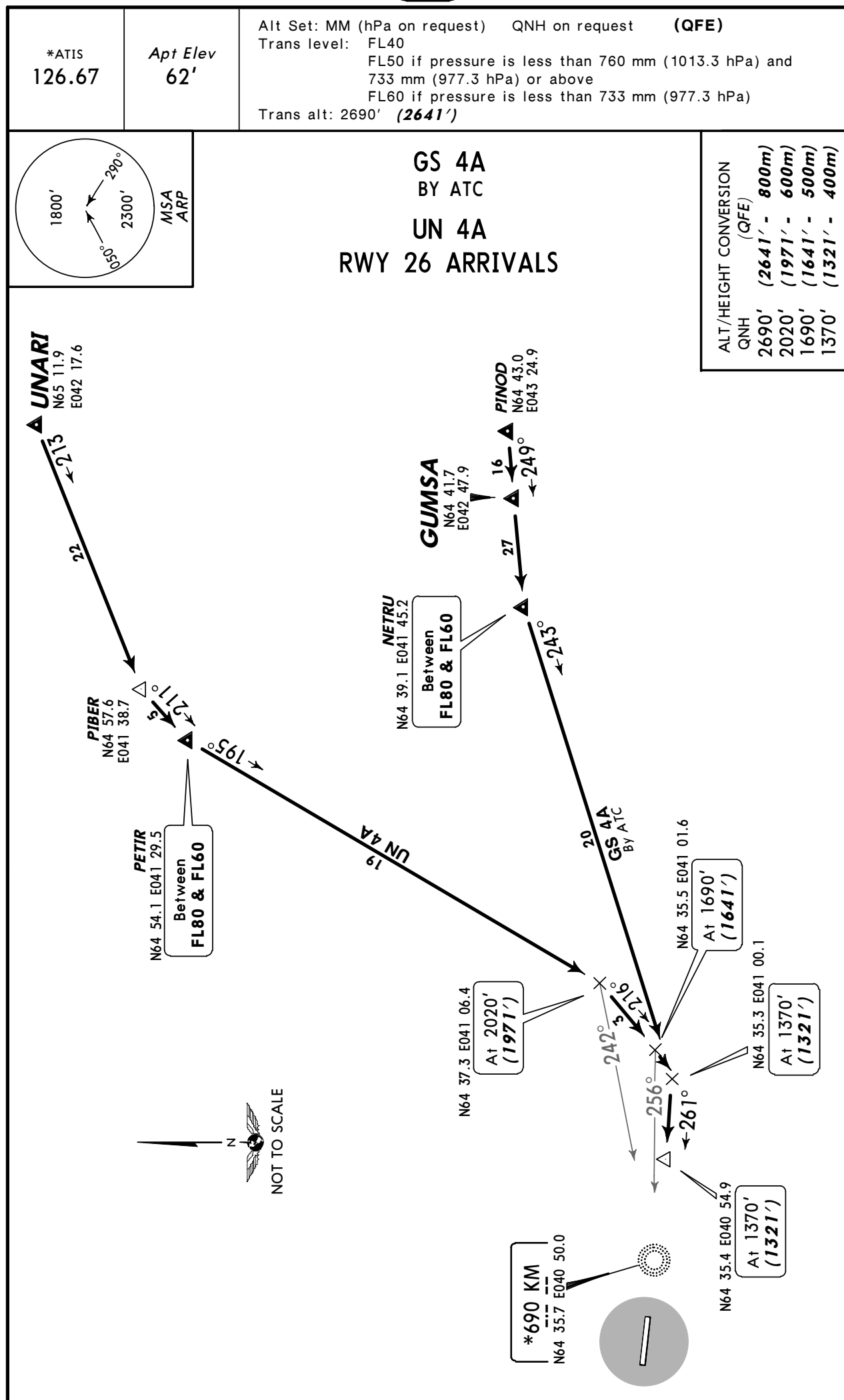
Runway: 08  
Length x Width: 8202 ft x 144 ft  
Surface Type: concrete  
TDZ-Elev: 33 ft  
Lighting: Edge, ALS

Runway: 26  
Length x Width: 8202 ft x 144 ft  
Surface Type: concrete  
TDZ-Elev: 49 ft  
Lighting: Edge, ALS

## **Communication Information**

ATIS 126.675  
Arkhangelsk Tower 121.8 MF  
Arkhangelsk Approach Control 124.0 Secondary  
Arkhangelsk Approach Control 122.0



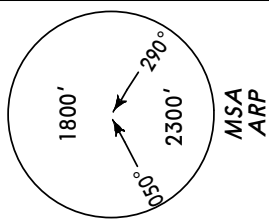




\*ATIS  
126.67

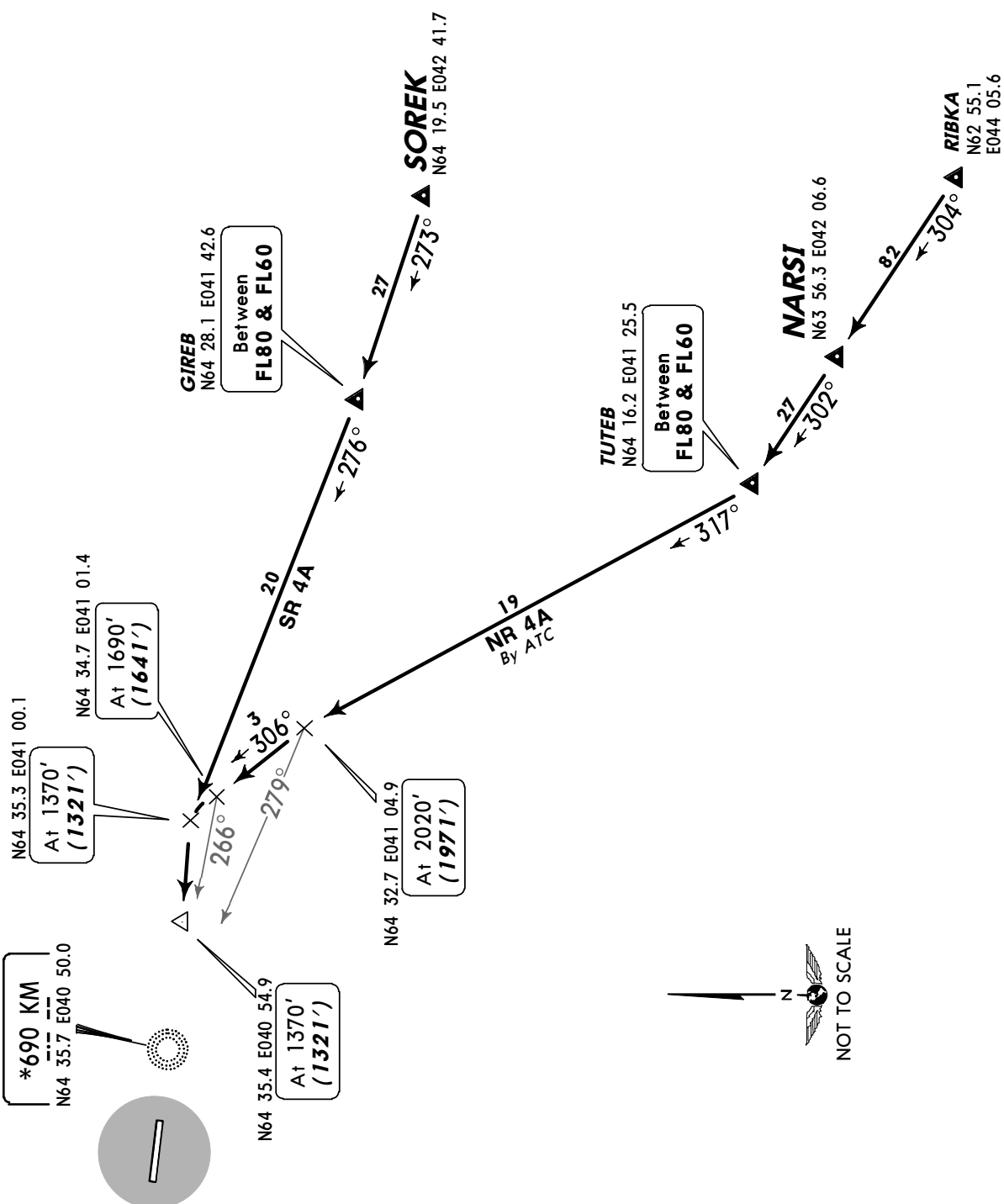
Apt Elev  
62'

Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL40  
FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above  
FL60 if pressure is less than 733 mm (977.3 hPa)  
Trans alt: 2690' (2641')



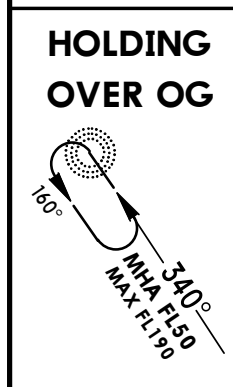
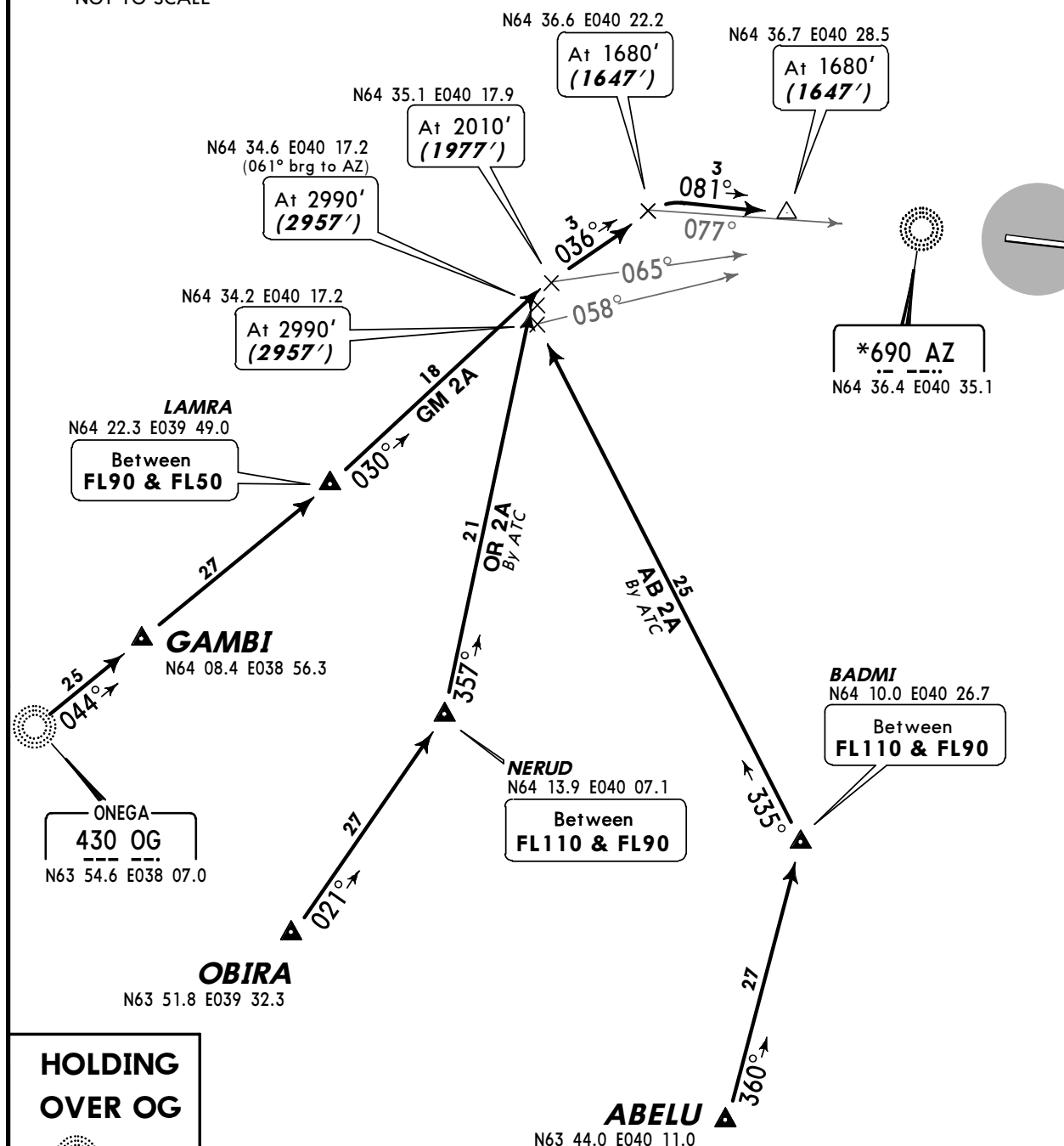
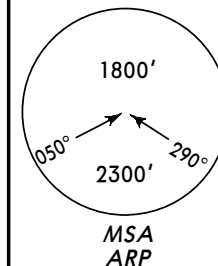
NR 4A  
BY ATC  
SR 4A  
RWY 26 ARRIVALS

| ALT/HEIGHT CONVERSION | QNH            | (QFE) |
|-----------------------|----------------|-------|
| 2690'                 | (2641' - 800m) |       |
| 2020'                 | (1971' - 600m) |       |
| 1690'                 | (1641' - 500m) |       |
| 1370'                 | (1321' - 400m) |       |

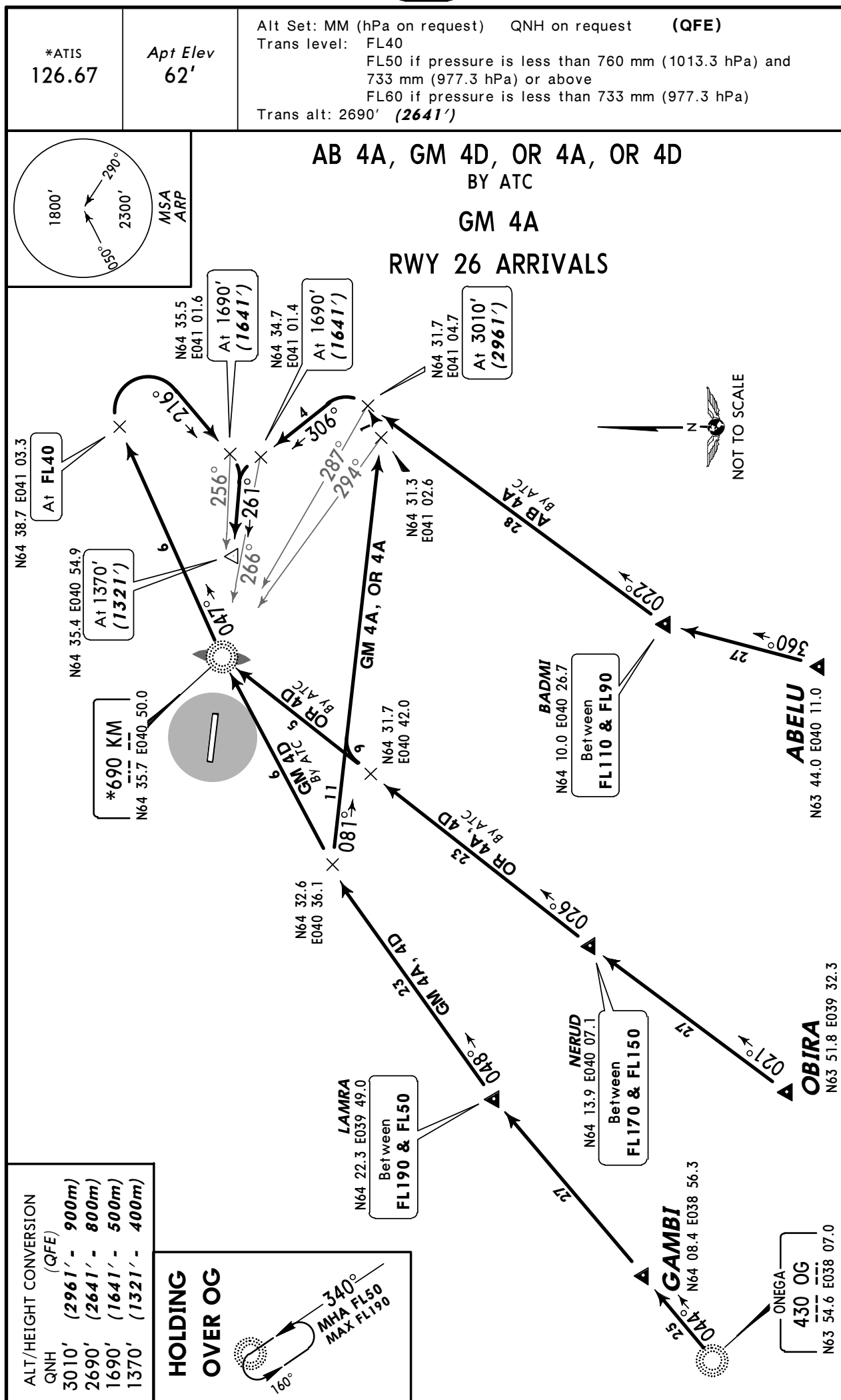


|                 |                 |                                                                                                                                                                                                                                                |
|-----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *ATIS<br>126.67 | Apt Elev<br>62' | Alt Set: MM (hPa on request) QNH on request (QFE)<br>Trans level: FL40<br>FL50 if pressure is less than 760 mm (1013.3 hPa) and<br>733 mm (977.3 hPa) or above<br>FL60 if pressure is less than 733 mm (977.3 hPa)<br>Trans alt: 2690' (2657') |
|-----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

AB 2A, OR 2A  
BY ATC  
GM 2A  
RWY 08 ARRIVALS



| ALT/HEIGHT CONVERSION |          |       |
|-----------------------|----------|-------|
| QNH                   | (QFE)    |       |
| 2990'                 | (2957' - | 900m) |
| 2690'                 | (2657' - | 800m) |
| 2010'                 | (1977' - | 600m) |
| 1680'                 | (1647' - | 500m) |



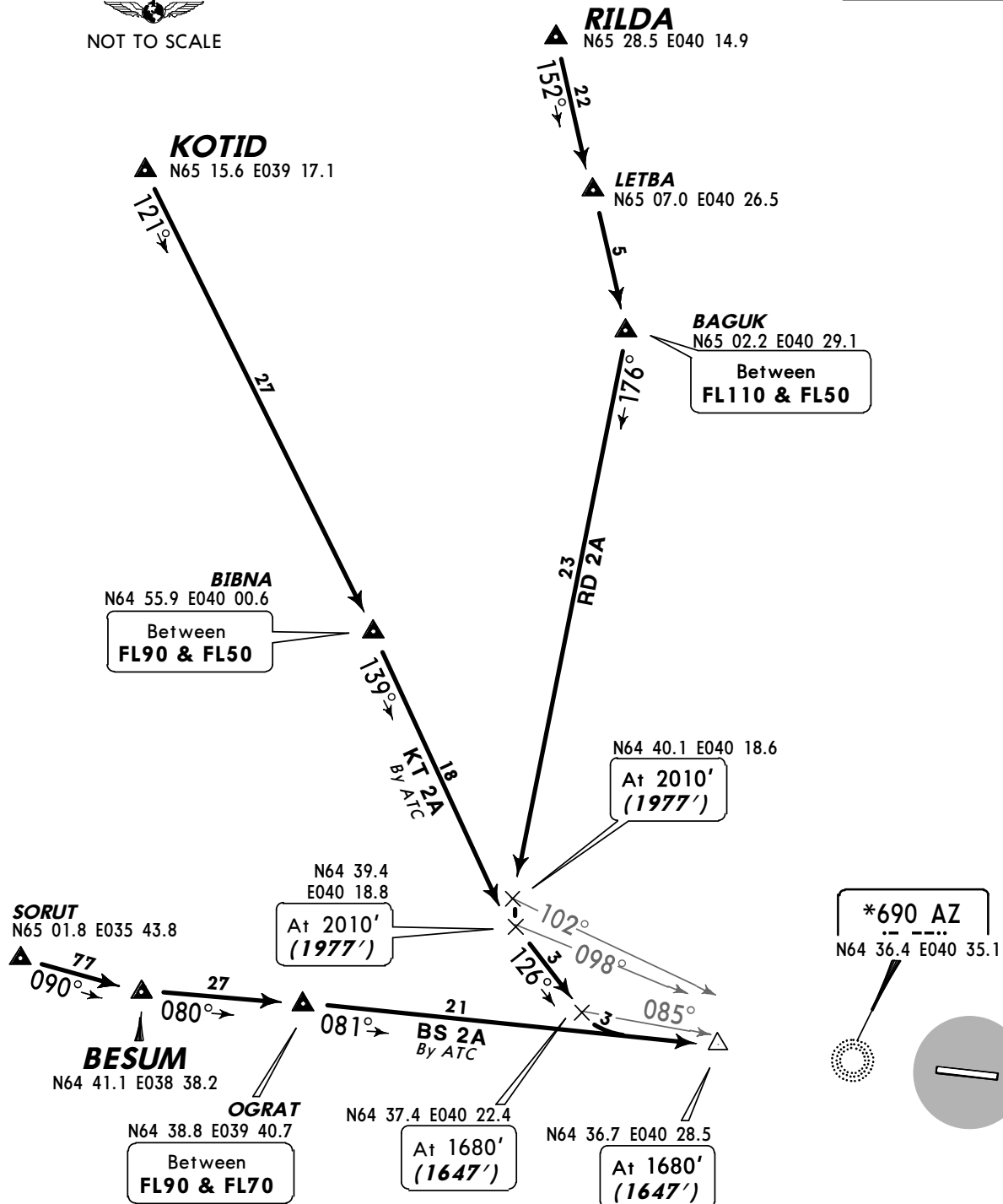
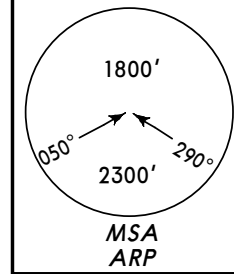
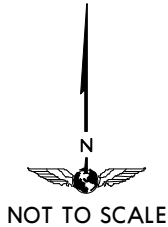


\*ATIS  
126.67

Apt Elev  
62'

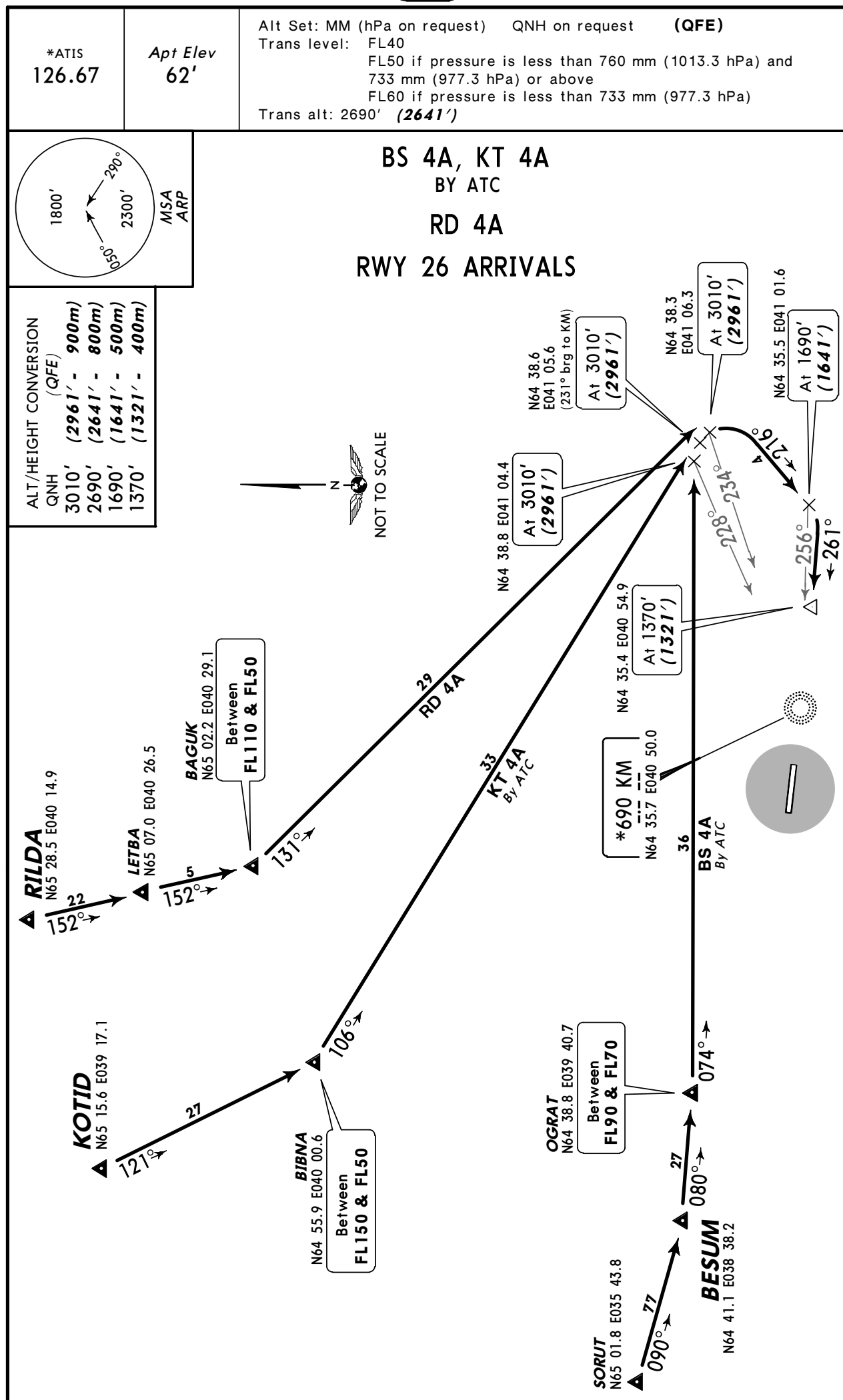
Alt Set: MM (hPa on request) QNH on request (QFE)  
Trans level: FL40  
FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above  
FL60 if pressure is less than 733 mm (977.3 hPa)  
Trans alt: 2690' (2657')

BS 2A, KT 2A  
BY ATC  
RD 2A  
RWY 08 ARRIVALS



ALT/HEIGHT CONVERSION

2690' (2657' - 800m)  
2010' (1977' - 600m)  
1680' (1647' - 500m)



Apt Elev  
62'

QNH on request (QFE)

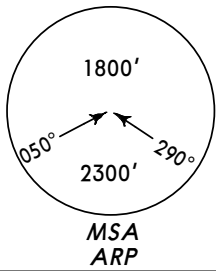
Trans level: FL40

FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above

FL60 if pressure is less than 733 mm (977.3 hPa)

Trans alt: 2690' (2657')

3020' (2987') in case of military flights at the aerodrome.



# GS 1A①, NR 1A①, SR 1A, UN 1A RWY 08 DEPARTURES

① By ATC.

**UNARI**  
N65 11.9 E042 17.6

**PIBER**

N64 57.6 E041 38.7

**PETIR**

N64 54.1 E041 29.5

At or above  
FL50

**NETRU**

N64 39.1 E041 45.2

At or above  
FL50

**GUMSA**

N64 41.7 E042 47.9

**PINOD**

N64 43.0 E043 24.9

GS 1A, UN 1A

Turn at  
690' (657')

081°

At 1020'  
(987')

GS 1A①

SR 1A

NR 1A①

**SOREK**

N64 19.5 E042 41.7

**GIREB**

N64 28.1 E041 42.6

At or above  
FL50

**TUTEB**

N64 16.2 E041 25.5

At or above  
FL50

**NARSI**

N63 56.3 E042 06.6

**RIBKA**

N62 55.1 E044 05.6

## ALT/HEIGHT CONVERSION

QNH (QFE)

690' (657' - 200m)

1020' (987' - 300m)

2690' (2657' - 800m)

3020' (2987' - 900m)

Apt Elev  
62'

QNH on request (QFE)

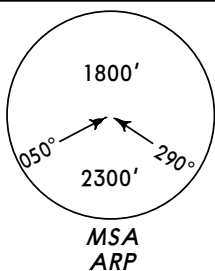
Trans level: FL40

FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above

FL60 if pressure is less than 733 mm (977.3 hPa)

Trans alt: 2690' (2641')

3020' (2971') in case of military flights at the aerodrome.

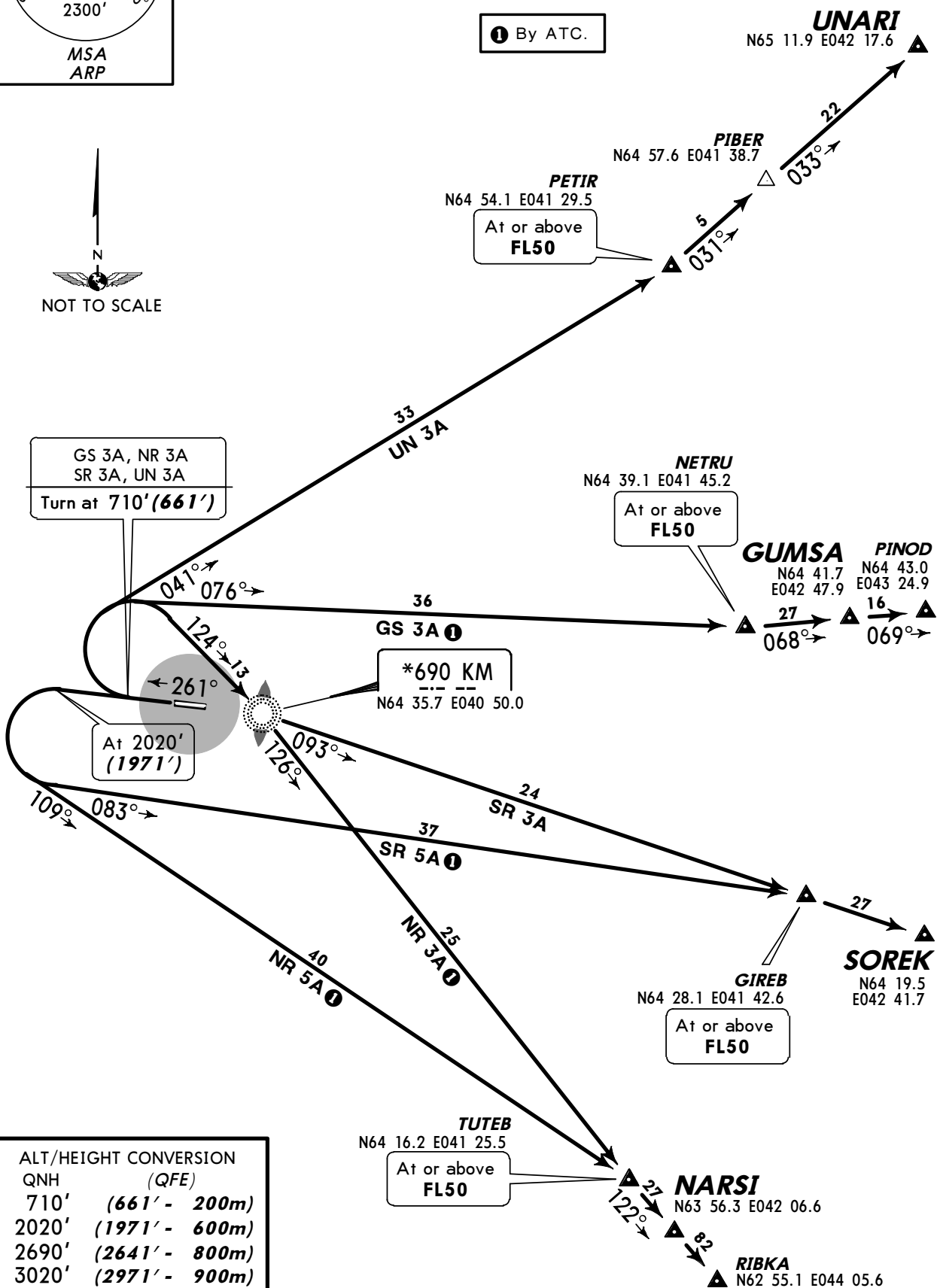


GS 3A, NR 3A, NR 5A, SR 3A, SR 5A, UN 3A  
RWY 26 DEPARTURES

By ATC.



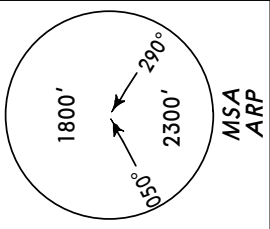
GS 3A, NR 3A  
SR 3A, UN 3A  
Turn at 710' (661')



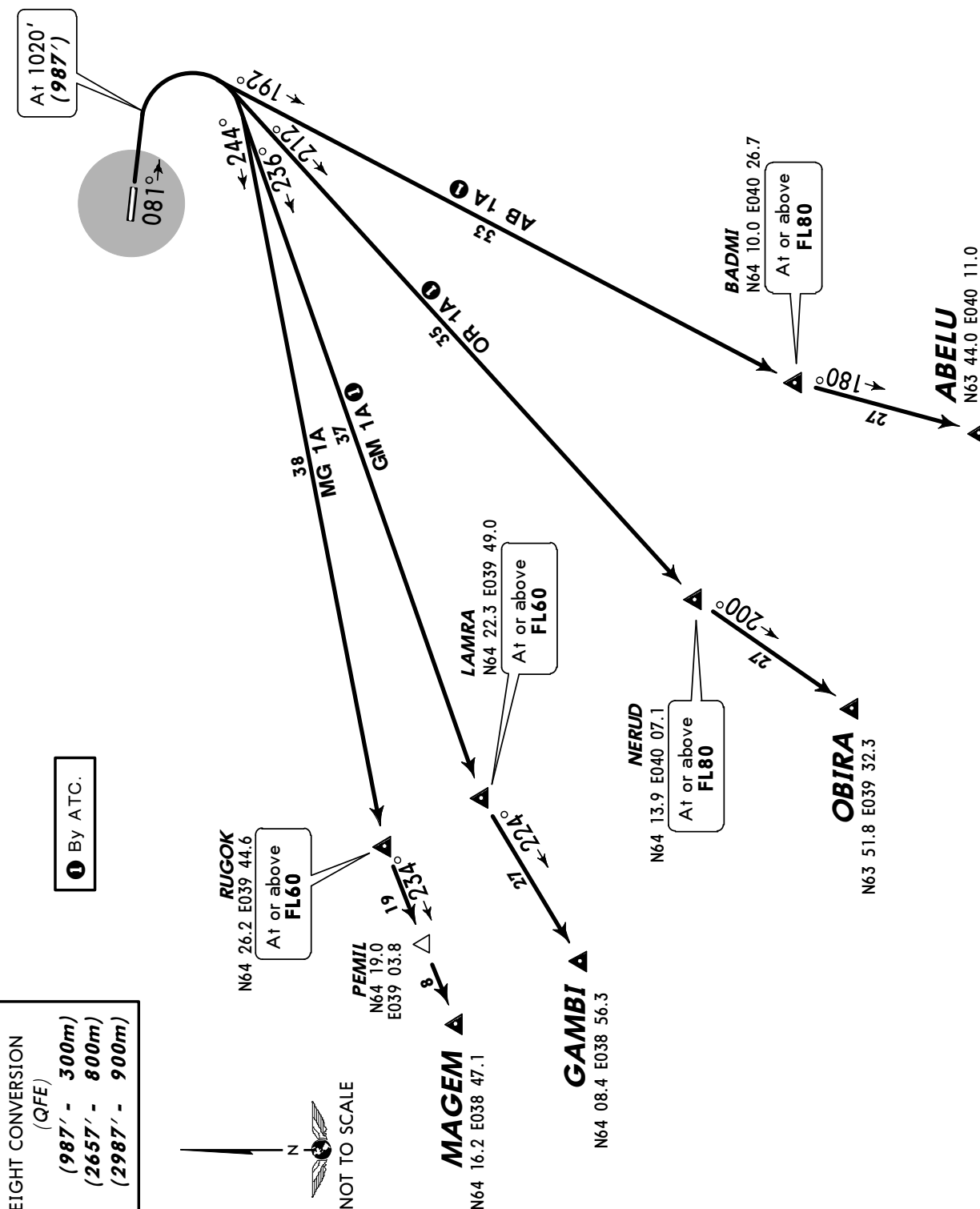
| ALT/HEIGHT | CONVERSION     |
|------------|----------------|
| QNH        | (QFE)          |
| 710'       | (661' - 200m)  |
| 2020'      | (1971' - 600m) |
| 2690'      | (2641' - 800m) |
| 3020'      | (2971' - 900m) |

Apt Elev  
62'

QNH on request (QFE)  
Trans level: FL40  
FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above  
FL60 if pressure is less than 733 mm (977.3 hPa)  
Trans alt: 2690' (2657')  
3020' (2987') in case of military flights at the aerodrome.

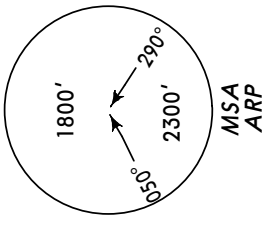


# AB 1A ①, GM 1A ①, MG 1A, OR 1A ① RWY 08 DEPARTURES

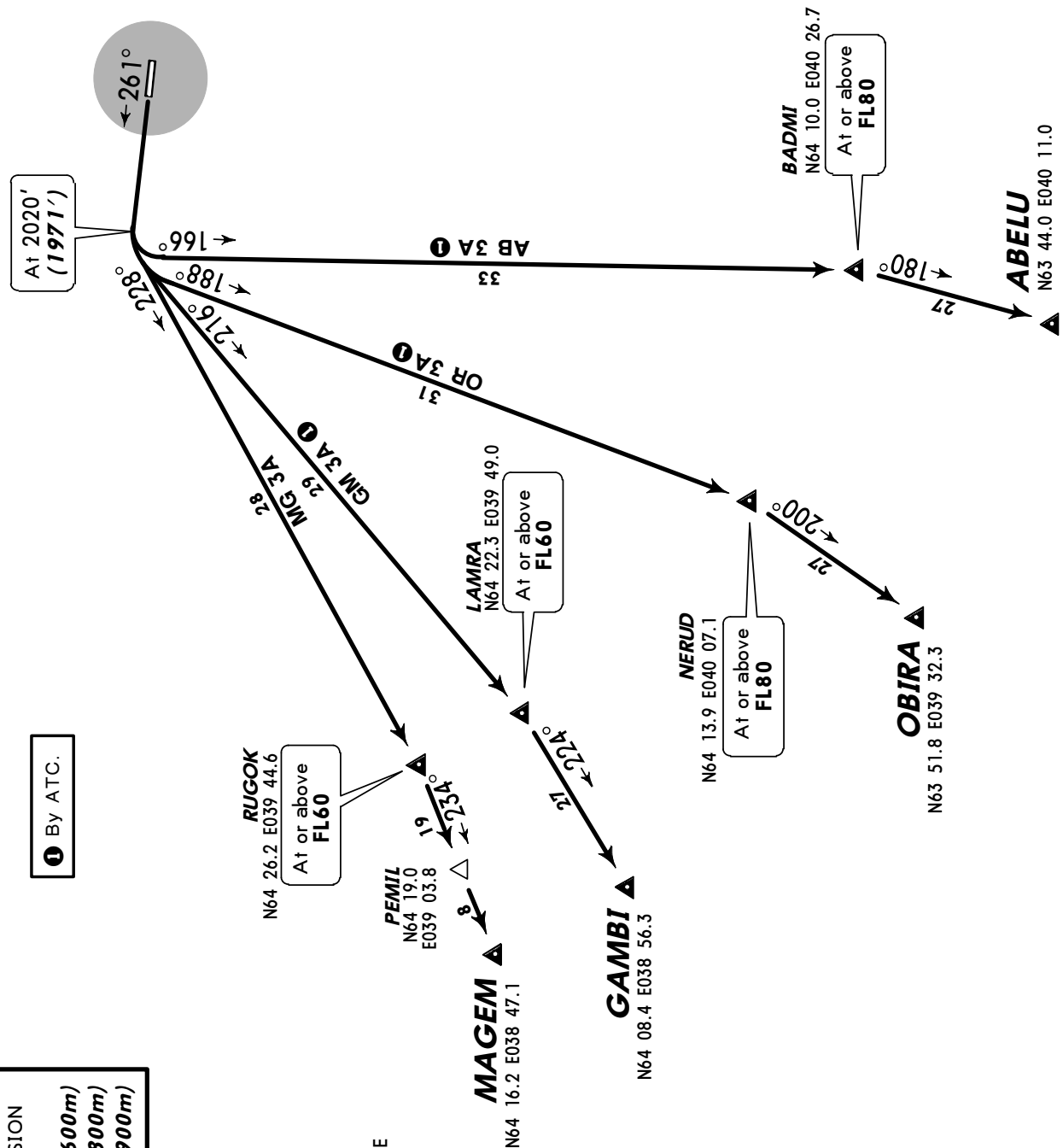


Apt Elev  
62'

QNH on request (QFE)  
Trans level: FL40  
FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above  
FL60 if pressure is less than 733 mm (977.3 hPa)  
Trans alt: 2690' (2641')  
3020' (2971') in case of military flights at the aerodrome.

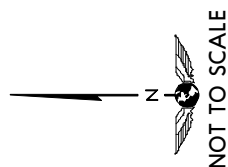


# AB 3A ①, GM 3A ①, MG 3A, OR 3A ① RWY 26 DEPARTURES



① By ATC.

| ALT/HEIGHT CONVERSION | (QFE)          |
|-----------------------|----------------|
| QNH                   |                |
| 2020'                 | (1971' - 600m) |
| 2690'                 | (2641' - 800m) |
| 3020'                 | (2971' - 900m) |



Apt Elev  
62'

QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above

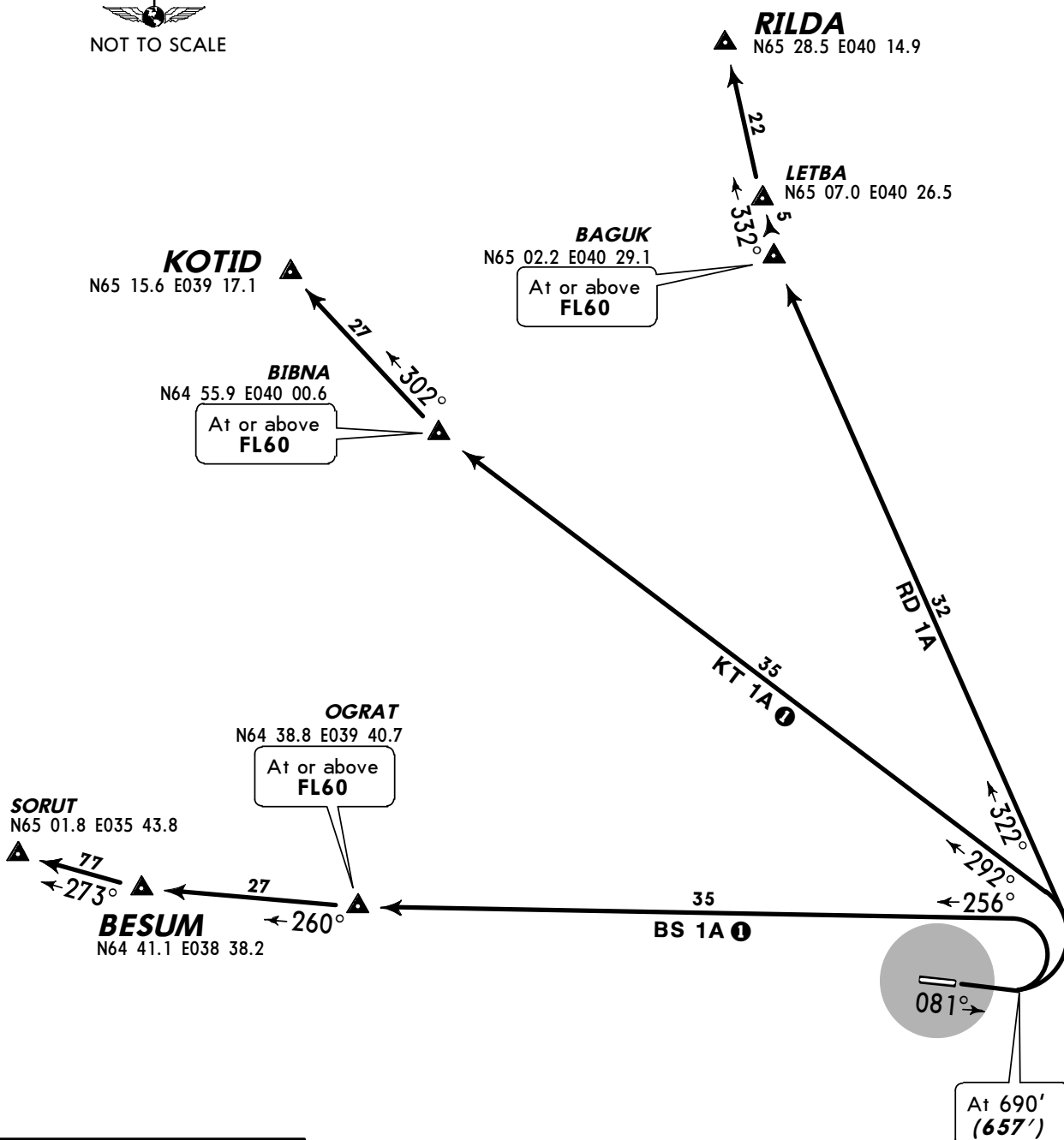
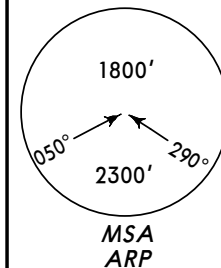
FL60 if pressure is less than 733 mm (977.3 hPa)

Trans alt: 2690' (2657')

3020' (2987') in case of military flights at the aerodrome.

BS 1A ①, KT 1A ①, RD 1A  
RWY 08 DEPARTURES

① By ATC.



| ALT/HEIGHT CONVERSION |                |
|-----------------------|----------------|
| QNH                   | (QFE)          |
| 690'                  | (657' - 200m)  |
| 2690'                 | (2657' - 800m) |
| 3020'                 | (2987' - 900m) |

Apt Elev  
62'

QNH on request (QFE)

Trans level: FL40

FL50 if pressure is less than 760 mm (1013.3 hPa) and  
733 mm (977.3 hPa) or above

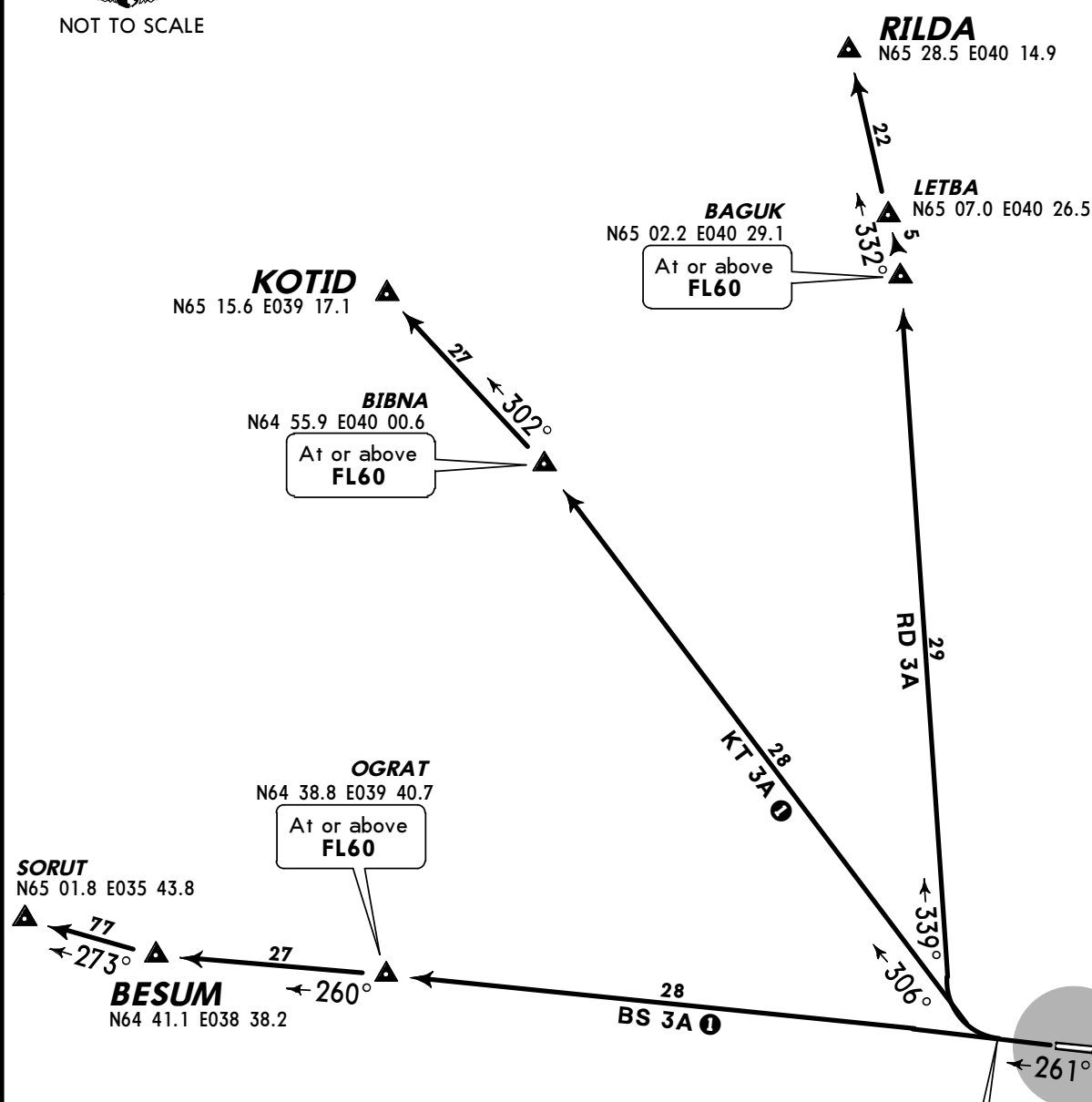
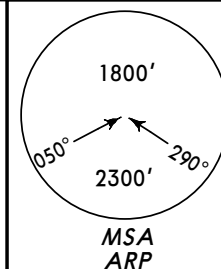
FL60 if pressure is less than 733 mm (977.3 hPa)

Trans alt: 2690' (2641')

3020' (2971') in case of military flights at the aerodrome.

BS 3A<sup>①</sup>, KT 3A<sup>①</sup>, RD 3A  
RWY 26 DEPARTURES

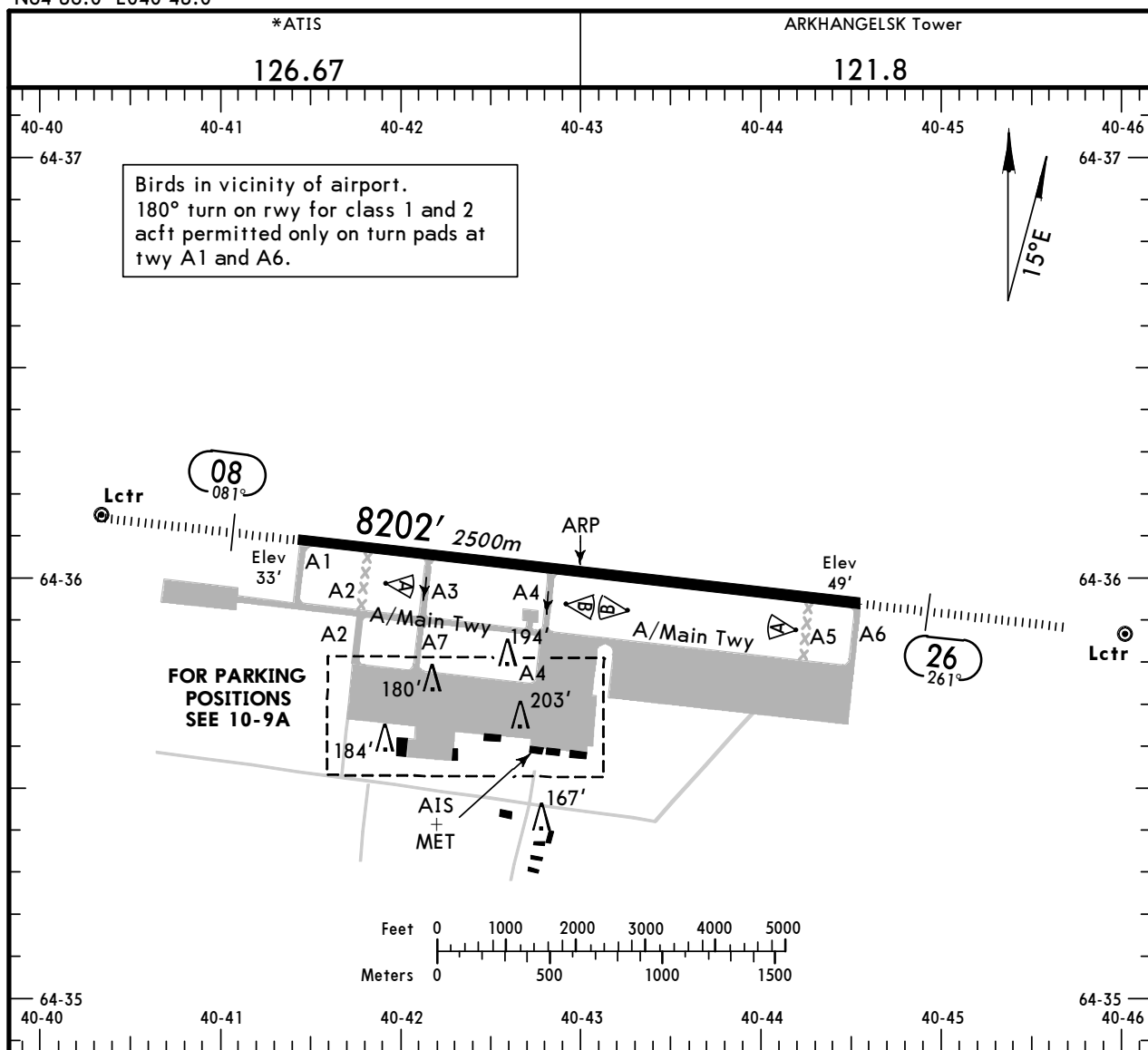
① By ATC.



ALT/HEIGHT CONVERSION

| QNH   | (QFE)          |
|-------|----------------|
| 710'  | (661' - 200m)  |
| 2690' | (2641' - 800m) |
| 3020' | (2971' - 900m) |





ADDITIONAL RUNWAY INFORMATION

| RWY |    |            |      |                      | USABLE LENGTHS |                            | TAKE-OFF | WIDTH       |
|-----|----|------------|------|----------------------|----------------|----------------------------|----------|-------------|
|     |    |            |      |                      | Threshold      | Glide Slope                |          |             |
| 08  | 26 | HIRL (60m) | HALS | PAPI-L (angle 2.67°) | RVR            | 7351' 2241m<br>7169' 2185m |          | 144'<br>44m |
|     |    |            |      |                      |                |                            |          |             |
|     |    |            |      |                      |                |                            |          |             |
|     |    |            |      |                      |                |                            |          |             |
|     |    |            |      |                      |                |                            |          |             |
|     |    |            |      |                      |                |                            |          |             |

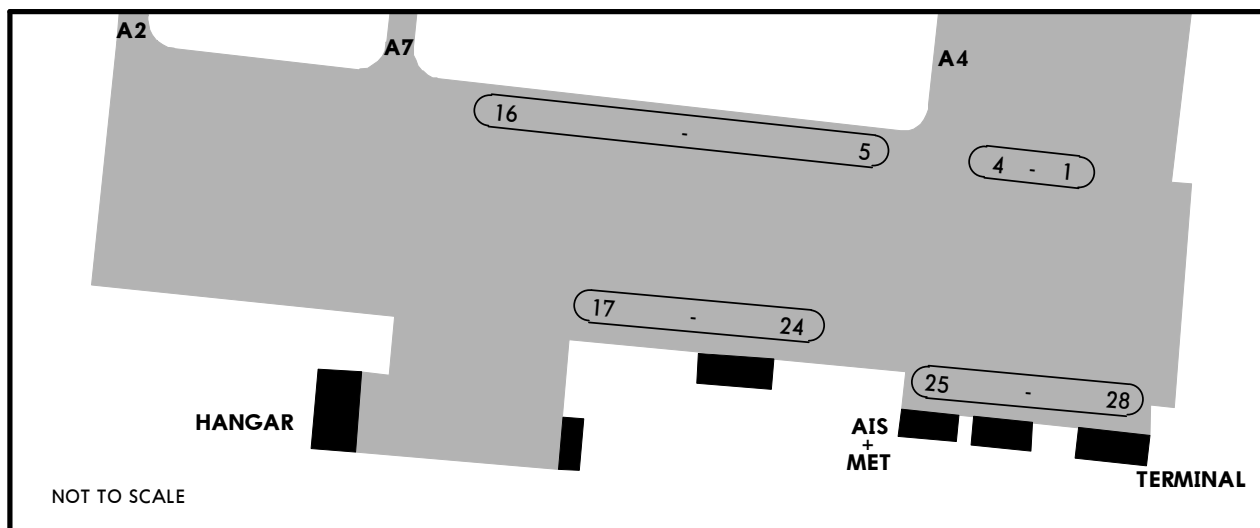
TAKE-OFF

AIR CARRIER (JAA)  
All Rwys

LVP must be in force  
RCLM (DAY only)  
or RL

RCLM (DAY only)  
or RL

|   |      |      |
|---|------|------|
| A |      |      |
| B | 250m | 400m |
| C |      |      |
| D | 300m |      |



Taxiing is at reduced speed and strictly along centerline under inner engines power.  
 Taxiing on the apron between Twys A3 and A4 is prohibited for acft with wingspan exceeding 105'/32m.  
 B757-200 acft shall enter/exit rwy along twy A4 under own engines power or if not possible by towing.

### INS COORDINATES

| STAND No.  | COORDINATES        | STAND No. | COORDINATES        |
|------------|--------------------|-----------|--------------------|
| 1          | N64 35.8 E040 43.0 | 17        | N64 35.8 E040 42.3 |
| 2, 3       | N64 35.8 E040 42.9 | 18, 19    | N64 35.8 E040 42.4 |
| 4          | N64 35.8 E040 42.8 | 20, 21    | N64 35.8 E040 42.5 |
| 5          | N64 35.9 E040 42.7 | 22, 23    | N64 35.8 E040 42.6 |
| 6, 7       | N64 35.9 E040 42.6 | 24, 25    | N64 35.8 E040 42.7 |
| 8, 9       | N64 35.9 E040 42.5 | 26, 27    | N64 35.8 E040 42.8 |
| 10         | N64 35.9 E040 42.4 | 28        | N64 35.8 E040 42.9 |
| 11         | N64 35.9 E040 42.5 |           |                    |
| 12 thru 14 | N64 35.9 E040 42.3 |           |                    |
| 15, 16     | N64 35.9 E040 42.2 |           |                    |

| STRAIGHT-IN RWY |         | A          | B          | C          | D          |
|-----------------|---------|------------|------------|------------|------------|
| 08              | ILS     | 233'(200') | 233'(200') | 233'(200') | 233'(200') |
|                 | FULL    | R550m      | R550m      | R550m      | R550m      |
|                 | Limited | R750m      | R750m      | R750m      | R750m      |
|                 | ALS out | R1200m     | R1200m     | R1200m     | R1200m     |
|                 | LOC     | NOT AUTH   | NOT AUTH   | NOT AUTH   | NOT AUTH   |
|                 | NDB ❶   | 450'(417') | 450'(417') | 450'(417') | 450'(417') |
| 26              | ILS     | 249'(200') | 249'(200') | 249'(200') | 249'(200') |
|                 | FULL    | R550m      | R550m      | R550m      | R550m      |
|                 | Limited | R750m      | R750m      | R750m      | R750m      |
|                 | ALS out | R1200m     | R1200m     | R1200m     | R1200m     |
|                 | LOC     | NOT AUTH   | NOT AUTH   | NOT AUTH   | NOT AUTH   |
|                 | NDB ❶   | 400'(351') | 400'(351') | 400'(351') | 400'(351') |
|                 | ALS out | R1600m     | R1600m     | R1600m     | R1600m     |

❶ Continuous Descent Final Approach.

| CIRCLE-TO-LAND ❷       | 100 KT                                | 135 KT                              | 180 KT                               | 205 KT                               |
|------------------------|---------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|
| After apch to rwy 08 ❸ | 530'(497')<br>ceiling 200m - V1600m ❺ | 760'(727')<br>ceiling 450m - V4000m | 990'(957')<br>ceiling 450m - V4000m  | 990'(957')<br>ceiling 450m - V4000m  |
| After apch to rwy 26 ❹ | 550'(501')<br>ceiling 200m - V1600m   | 780'(731')<br>ceiling 450m - V4000m | 1010'(961')<br>ceiling 450m - V4000m | 1010'(961')<br>ceiling 450m - V4000m |

❷ Prohibited South of airport.

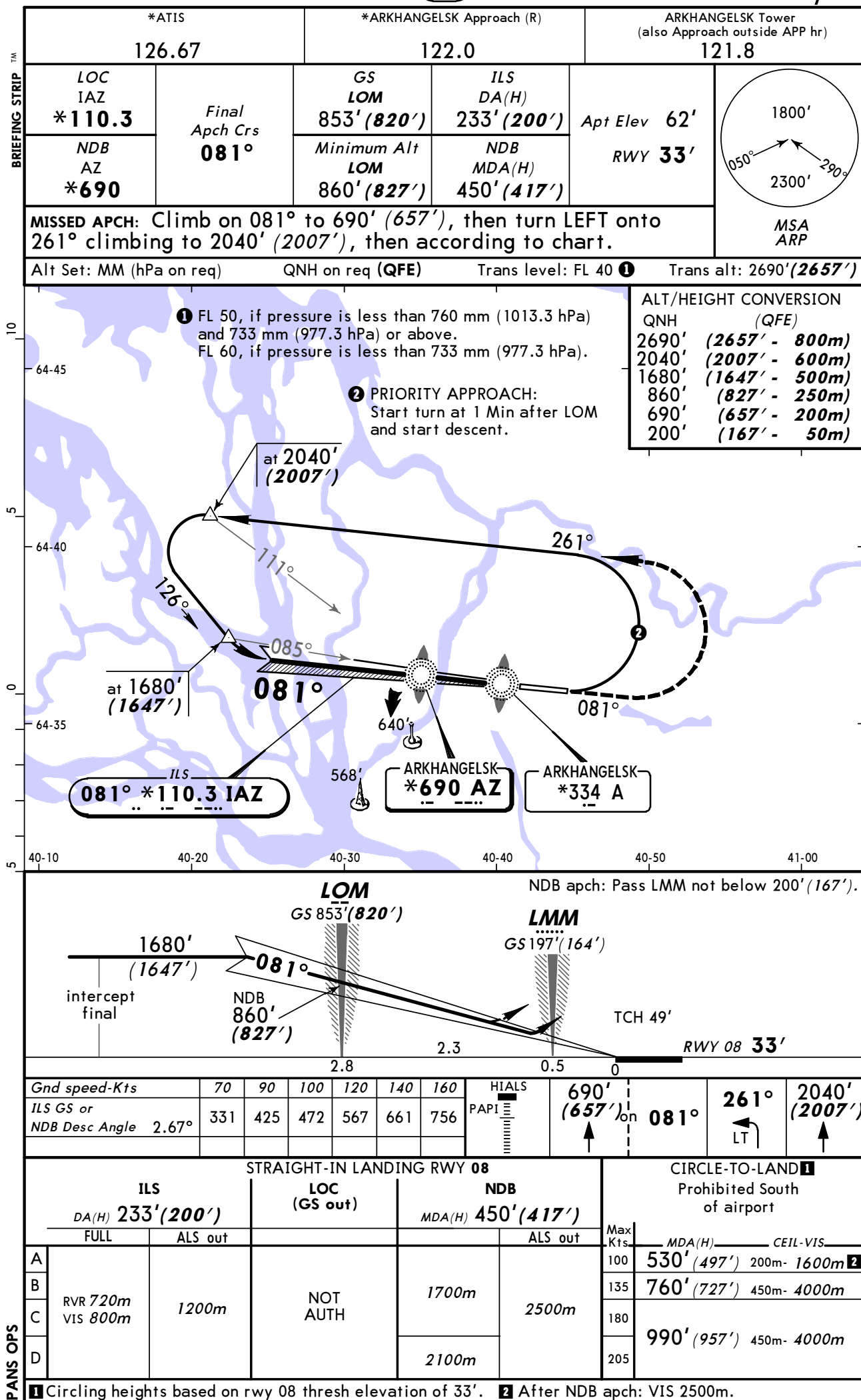
❸ Circling height based on threshold elev of 33'.

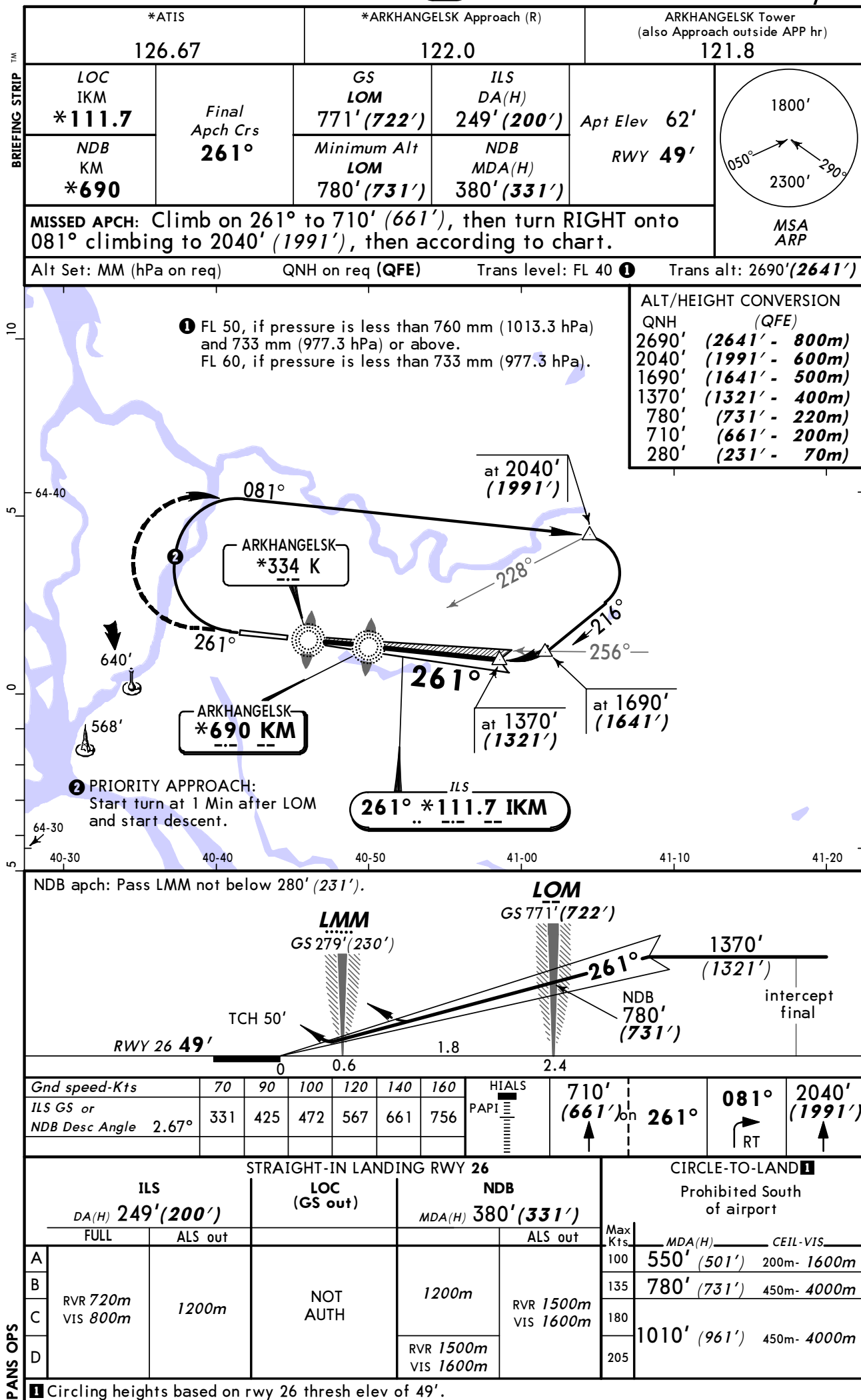
❹ Circling height based on threshold elev of 49'.

❺ or higher minimums of preceding straight-in approach.

### TAKE-OFF RWY 08, 26

| LVP must be in Force     |      |                          |                   |
|--------------------------|------|--------------------------|-------------------|
| RCLM (DAY only)<br>or RL |      | RCLM (DAY only)<br>or RL | NIL<br>(DAY only) |
| A                        | 250m | 400m                     | 500m              |
| B                        |      |                          |                   |
| C                        |      |                          |                   |
| D                        | 300m |                          |                   |







**Chart changes since cycle 16-2013**

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT    PROCEDURE IDENT

INDEX

REV DATE

EFF DATE

**ARKHANGELSK, (TALAGI - ULAA)**

## **TERMINAL CHART CHANGE NOTICES**

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