

## List of pages in this Trip Kit

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Airport Information For UDYZ

Terminal Charts For UDYZ

Revision Letter For Cycle 08-2013

Change Notices

Notebook

## General Information

Location: Yerevan Arm  
IATA Code: EVN  
Lat/Long: N40° 08.8' E044° 23.8'  
Elevation: 2838 ft

Airport Use: Public  
Magnetic Variation: 5.8°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: 0225 Z  
Sunset: 1540 Z,

## Runway Information

Runway: 09  
Length x Width: 12631 ft x 184 ft  
Surface Type: asphalt  
TDZ-Elev: 2800 ft  
Lighting: Edge, ALS, Centerline, TDZ

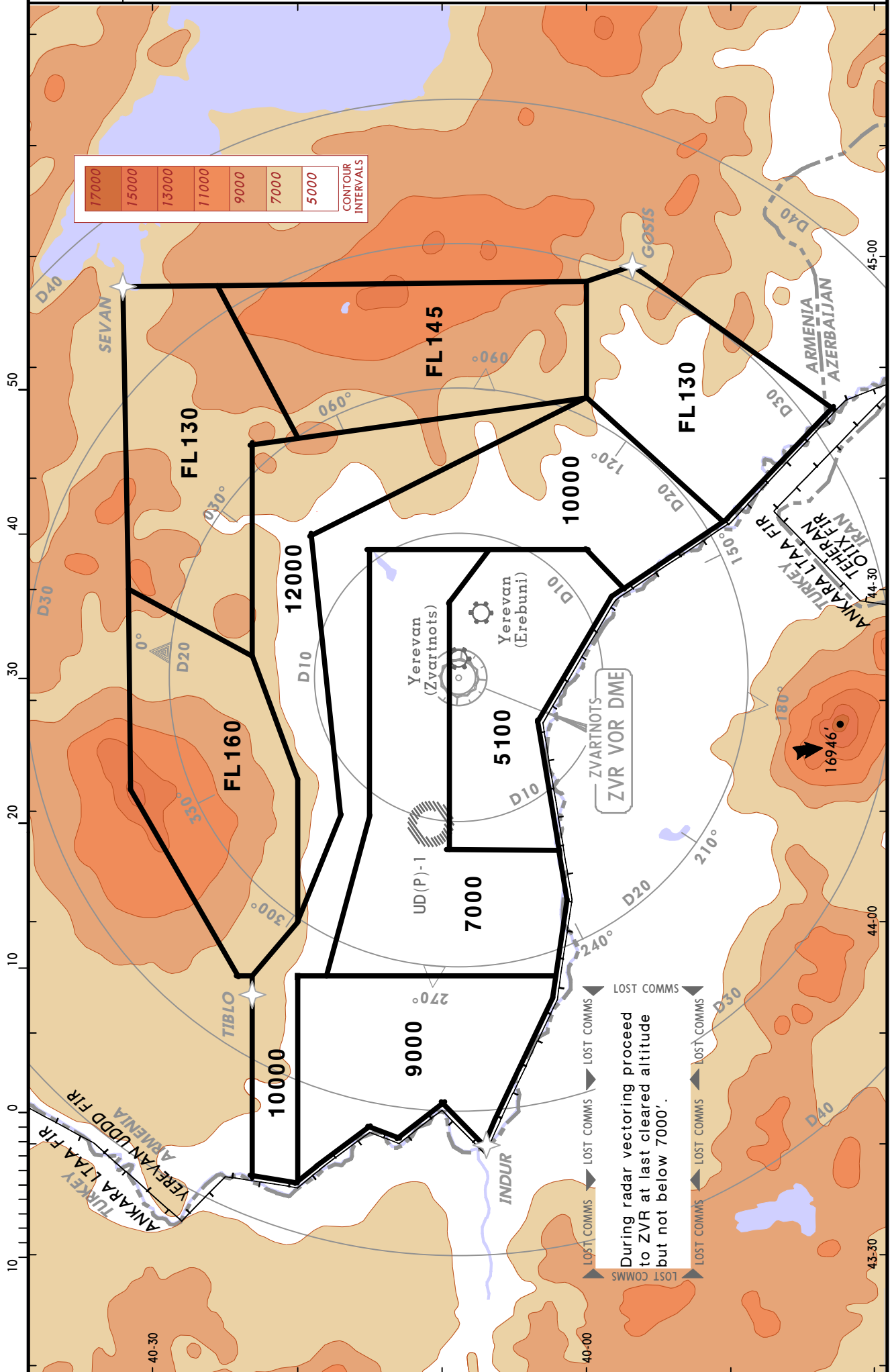
Runway: 27  
Length x Width: 12631 ft x 184 ft  
Surface Type: asphalt  
TDZ-Elev: 2838 ft  
Lighting: Edge, Centerline

## Communication Information

ATIS 119.5  
Yerevan Tower 120.9  
Yerevan Ground Control 119.0  
Yerevan Approach Control 126.0

Apt Elev  
**2838'**

Alt Set: hPa  
Trans level: By ATC Trans alt: 11500'

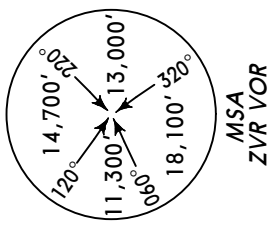


ATIS  
119.5Apt Elev  
2838'

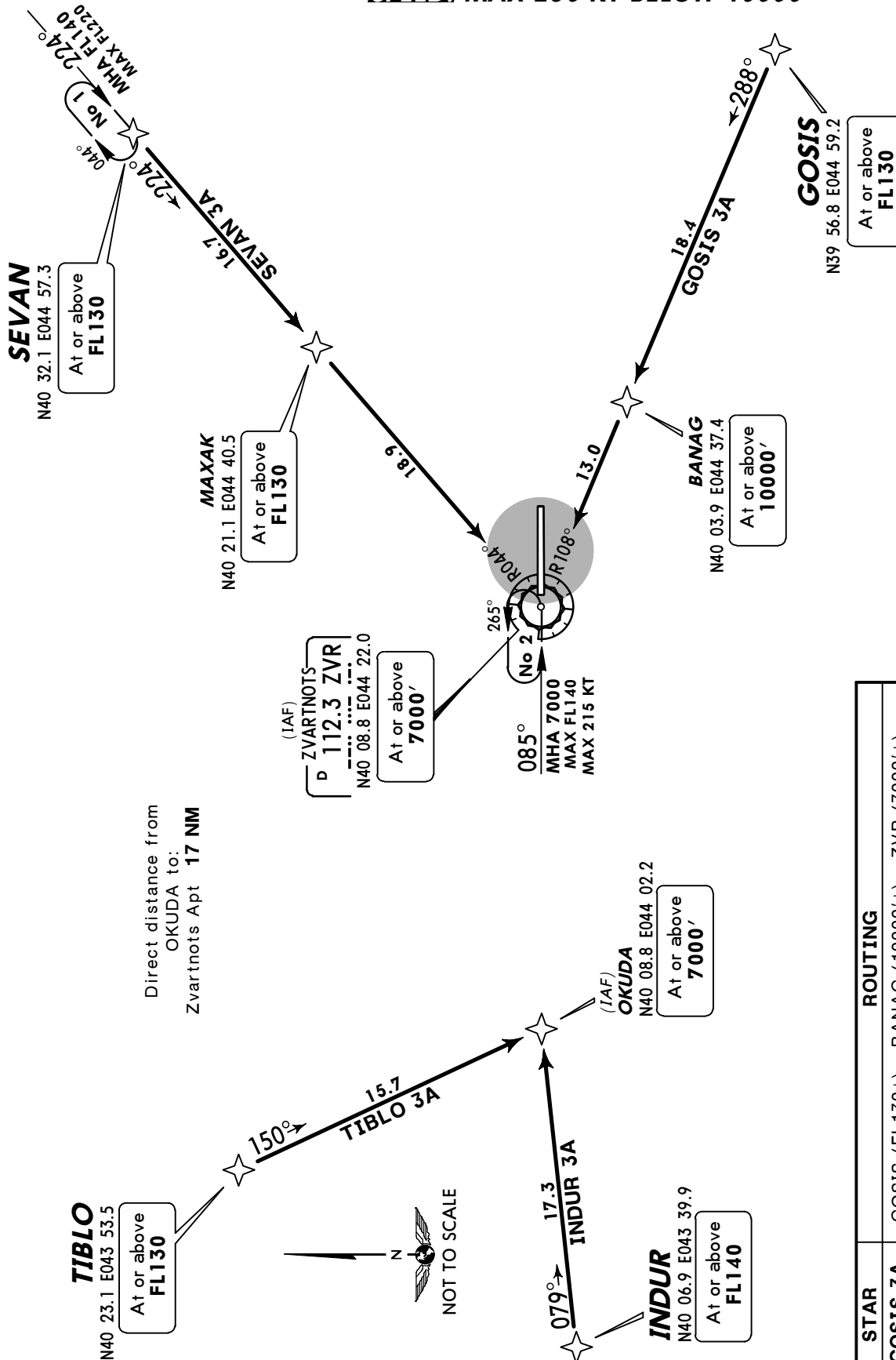
Alt Set: hPa

Trans level: By ATC Trans alt: 11500'

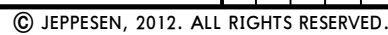
Non RNAV equipped ACFT advise ATC and EXPECT RADAR vectors.

GOSIS 3A [GOSI3A], INDUR 3A [INDU3A]  
SEVAN 3A [SEVA3A], TIBLO 3A [TIBL3A]  
RWY 09 RNAV ARRIVALS

RNAV 1 (GNSS)

**SPEEDS MAX 230 KT BELOW 10000'**

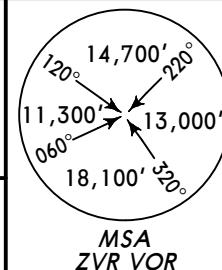
| STAR     | ROUTING                                          |
|----------|--------------------------------------------------|
| GOSIS 3A | GOSIS (FL130+) - BANAG (10000'+) - ZVR (7000'+). |
| INDUR 3A | INDUR (FL140+) - OKUDA (7000'+).                 |
| SEVAN 3A | SEVAN (FL130+) - MAXAK (FL130+) - ZVR (7000'+).  |
| TIBLO 3A | TIBLO (FL130+) - OKUDA (7000'+).                 |



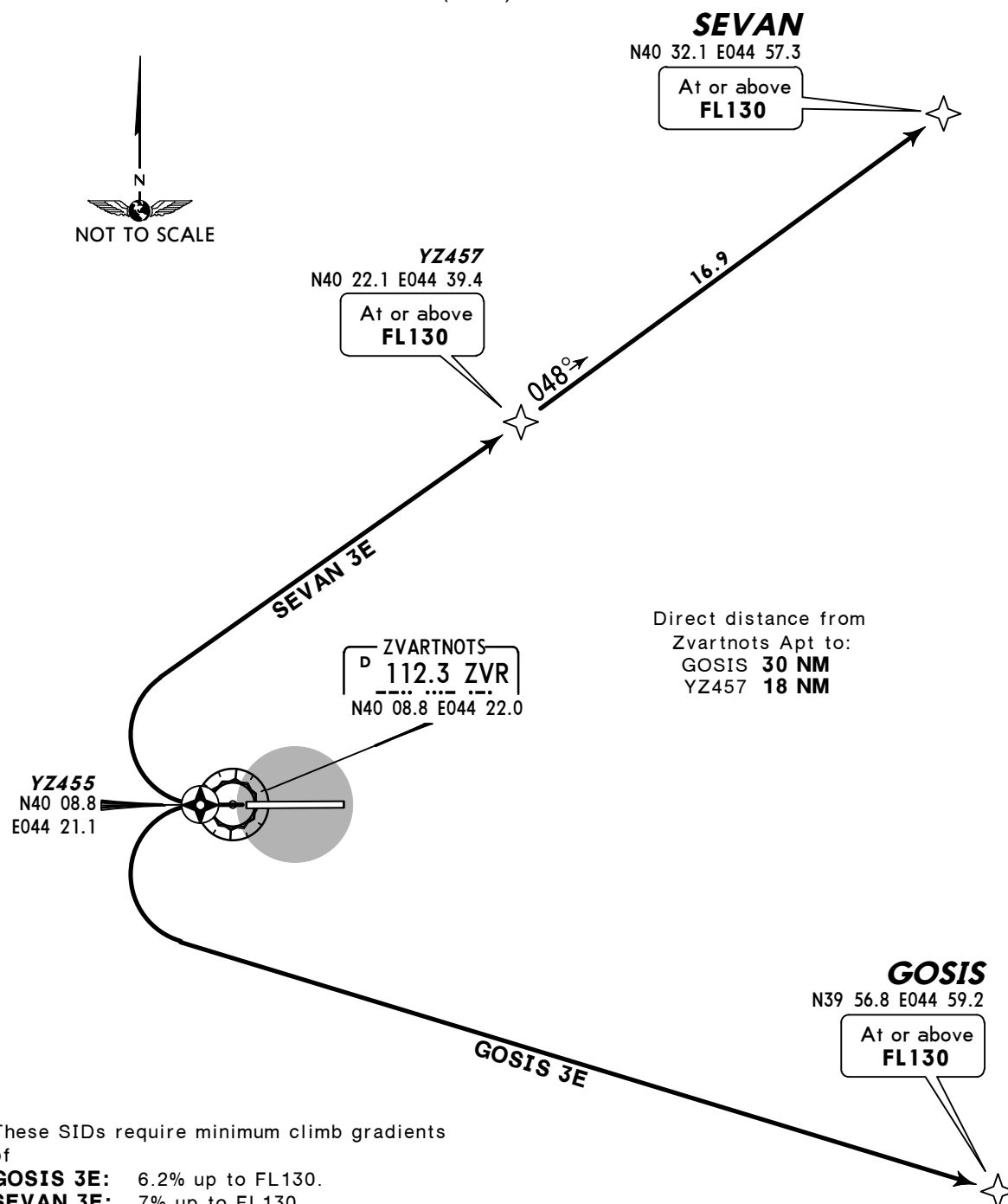
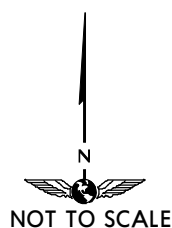
YEREVAN  
Approach  
126.0Apt Elev  
2838'

Trans level: By ATC Trans alt: 11500'

1. Contact YEREVAN Approach immediately after take-off.
2. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.



**GOSIS 3E [GOSI3E]**  
**SEVAN 3E [SEVA3E]**  
**RWY 27 RNAV DEPARTURES**  
RNAV 1 (GNSS)



These SIDs require minimum climb gradients of

**GOSIS 3E:** 6.2% up to FL130.

**SEVAN 3E:** 7% up to FL130.

| Gnd speed-KT  | 75  | 100 | 150  | 200  | 250  | 300  |
|---------------|-----|-----|------|------|------|------|
| 7% V/V(fpm)   | 532 | 709 | 1063 | 1418 | 1772 | 2127 |
| 6.2% V/V(fpm) | 471 | 628 | 942  | 1256 | 1570 | 1884 |

If unable to comply advise ATC prior take-off and request alternate clearance.

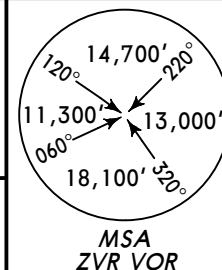
Initial turns MAX 210 KT, bank angle 20°

| SID             | ROUTING                                  |
|-----------------|------------------------------------------|
| <b>GOSIS 3E</b> | YZ455 - GOSIS (FL130+).                  |
| <b>SEVAN 3E</b> | YZ455 - YZ457 (FL130+) - SEVAN (FL130+). |

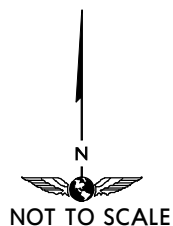
YEREVAN  
Approach  
126.0Apt Elev  
2838'

Trans level: By ATC Trans alt: 11500'

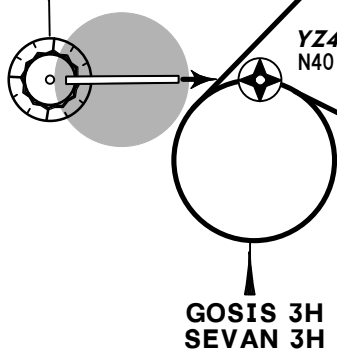
1. Contact YEREVAN Approach immediately after take-off.
2. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.



**GOSIS 3H [GOSI3H]  
SEVAN 3H [SEVA3H]  
RWY 09 RNAV DEPARTURES**  
RNAV 1 (GNSS)



ZVARTNOTS  
D 112.3 ZVR  
N40 08.8 E044 22.0



**YZ453**  
N40 20.5 E044 41.5  
At or above  
**FL130**

Direct distance from  
Zvartnots Apt to:  
GOSIS **30 NM**  
YZ453 **18 NM**

**SEVAN**  
N40 32.1 E044 57.3  
At or above  
**FL130**

**GOSIS**  
N39 56.8 E044 59.2  
At or above  
**FL130**

These SIDs require minimum climb gradients  
of

**GOSIS 3H:** 6.1% up to FL130.

**SEVAN 3H:** 6.6% up to FL130.

| Gnd speed-KT  | 75  | 100 | 150  | 200  | 250  | 300  |
|---------------|-----|-----|------|------|------|------|
| 6.6% V/V(fpm) | 501 | 668 | 1003 | 1337 | 1671 | 2005 |
| 6.1% V/V(fpm) | 463 | 618 | 927  | 1235 | 1544 | 1853 |

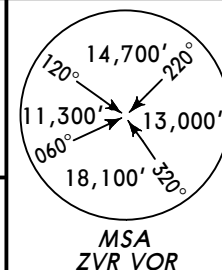
If unable to comply advise ATC prior take-off  
and request alternate clearance.

Initial turns MAX 210 KT, bank angle 20°

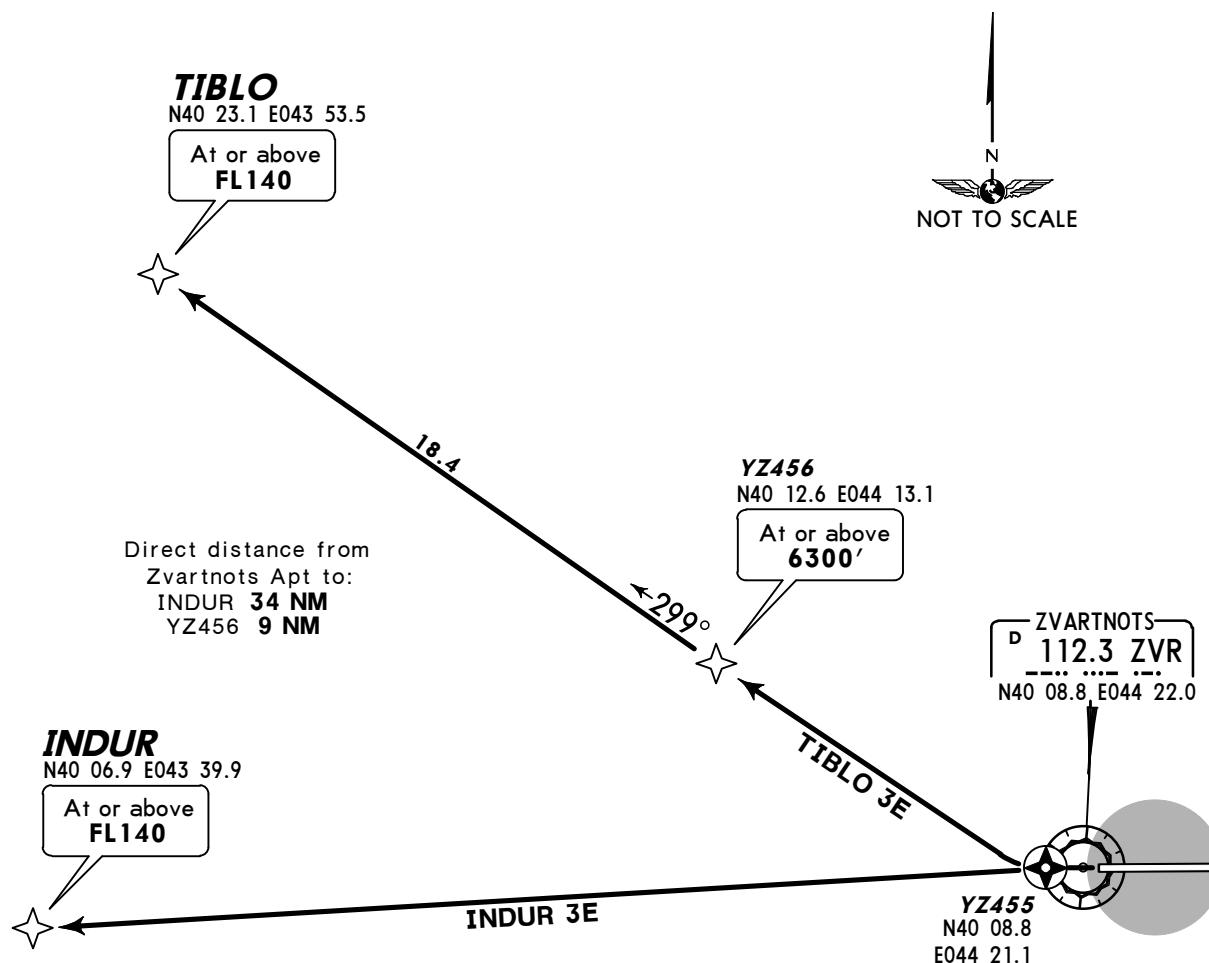
| SID             | ROUTING                                  |
|-----------------|------------------------------------------|
| <b>GOSIS 3H</b> | YZ450 - GOSIS (FL130+).                  |
| <b>SEVAN 3H</b> | YZ450 - YZ453 (FL130+) - SEVAN (FL130+). |

YEREVAN  
Approach  
126.0Apt Elev  
2838'

- Trans level: By ATC Trans alt: 11500'
1. Contact YEREVAN Approach immediately after take-off.
  2. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.



**INDUR 3E [INDU3E]**  
**TIBLO 3E [TIBL3E]**  
**RWY 27 RNAV DEPARTURES**  
RNAV 1 (GNSS)



These SIDs require minimum climb gradients of

**INDUR 3E:** 5.6% up to FL140.

**TIBLO 3E:** 6.9% up to 6300', then 6.6% up to FL140.

| Gnd speed-KT  | 75  | 100 | 150  | 200  | 250  | 300  |
|---------------|-----|-----|------|------|------|------|
| 6.9% V/V(fpm) | 524 | 699 | 1048 | 1398 | 1747 | 2096 |
| 6.6% V/V(fpm) | 501 | 668 | 1003 | 1337 | 1671 | 2005 |
| 5.6% V/V(fpm) | 425 | 567 | 851  | 1134 | 1418 | 1701 |

If unable to comply advise ATC prior take-off and request alternate clearance.

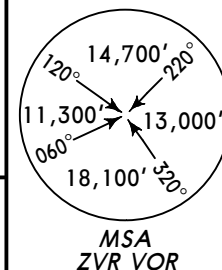
Initial turns MAX 210 KT, bank angle 20°

| SID             | ROUTING                                  |
|-----------------|------------------------------------------|
| <b>INDUR 3E</b> | YZ455 - INDUR (FL140+).                  |
| <b>TIBLO 3E</b> | YZ455 - YZ456 (6300'+) - TIBLO (FL140+). |

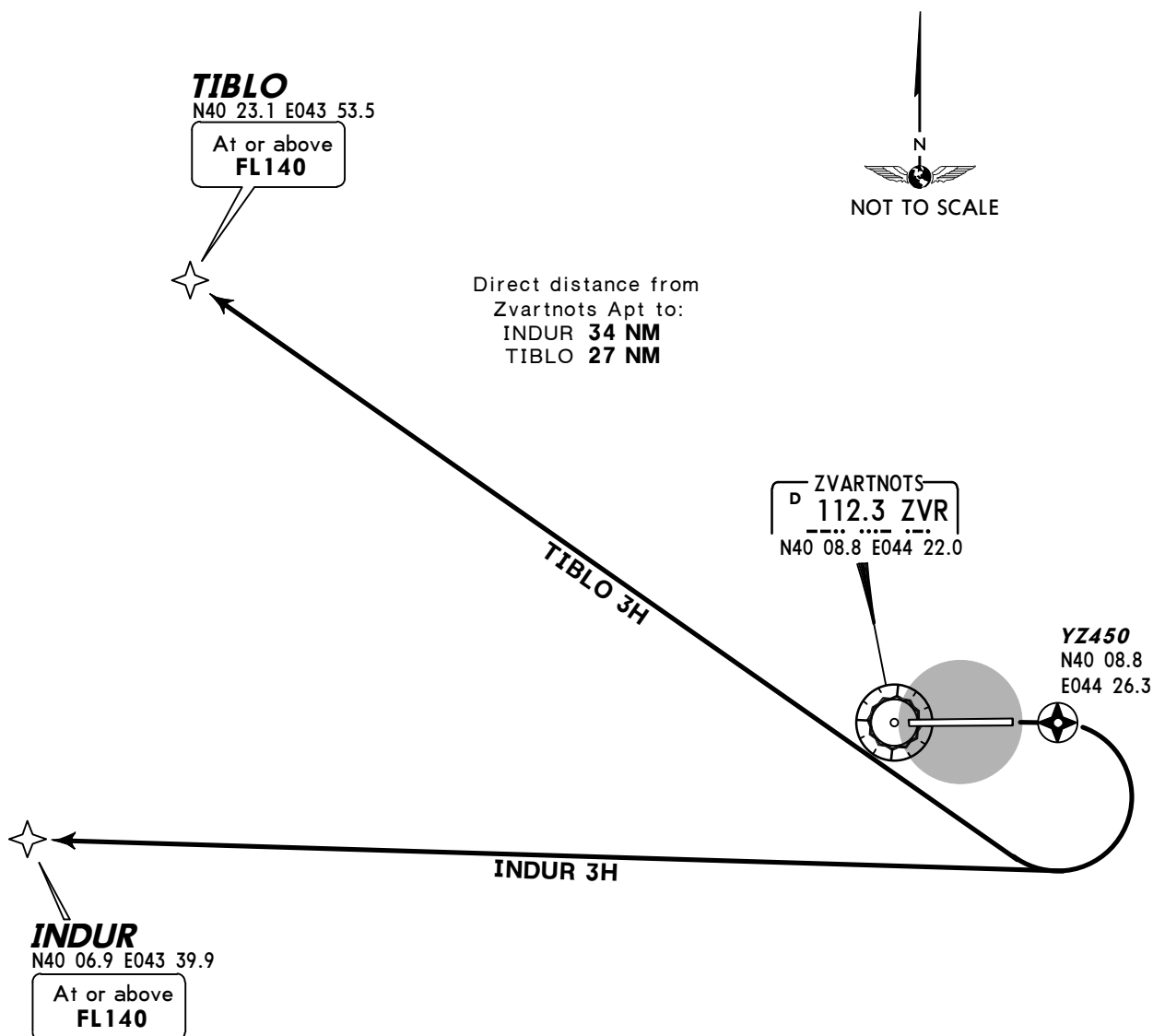
YEREVAN  
Approach  
126.0Apt Elev  
2838'

Trans level: By ATC Trans alt: 11500'

1. Contact YEREVAN Approach immediately after take-off.
2. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.



**INDUR 3H [INDU3H]  
TIBLO 3H [TIBL3H]  
RWY 09 RNAV DEPARTURES  
RNAV 1 (GNSS)**



These SIDs require minimum climb gradients of

**INDUR 3H:** 4.6% up to FL140.

**TIBLO 3H:** 5.2% up to FL140.

| Gnd speed-KT  | 75  | 100 | 150 | 200  | 250  | 300  |
|---------------|-----|-----|-----|------|------|------|
| 5.2% V/V(fpm) | 395 | 527 | 790 | 1053 | 1317 | 1580 |
| 4.6% V/V(fpm) | 349 | 466 | 699 | 932  | 1165 | 1398 |

If unable to comply advise ATC prior take-off and request alternate clearance.

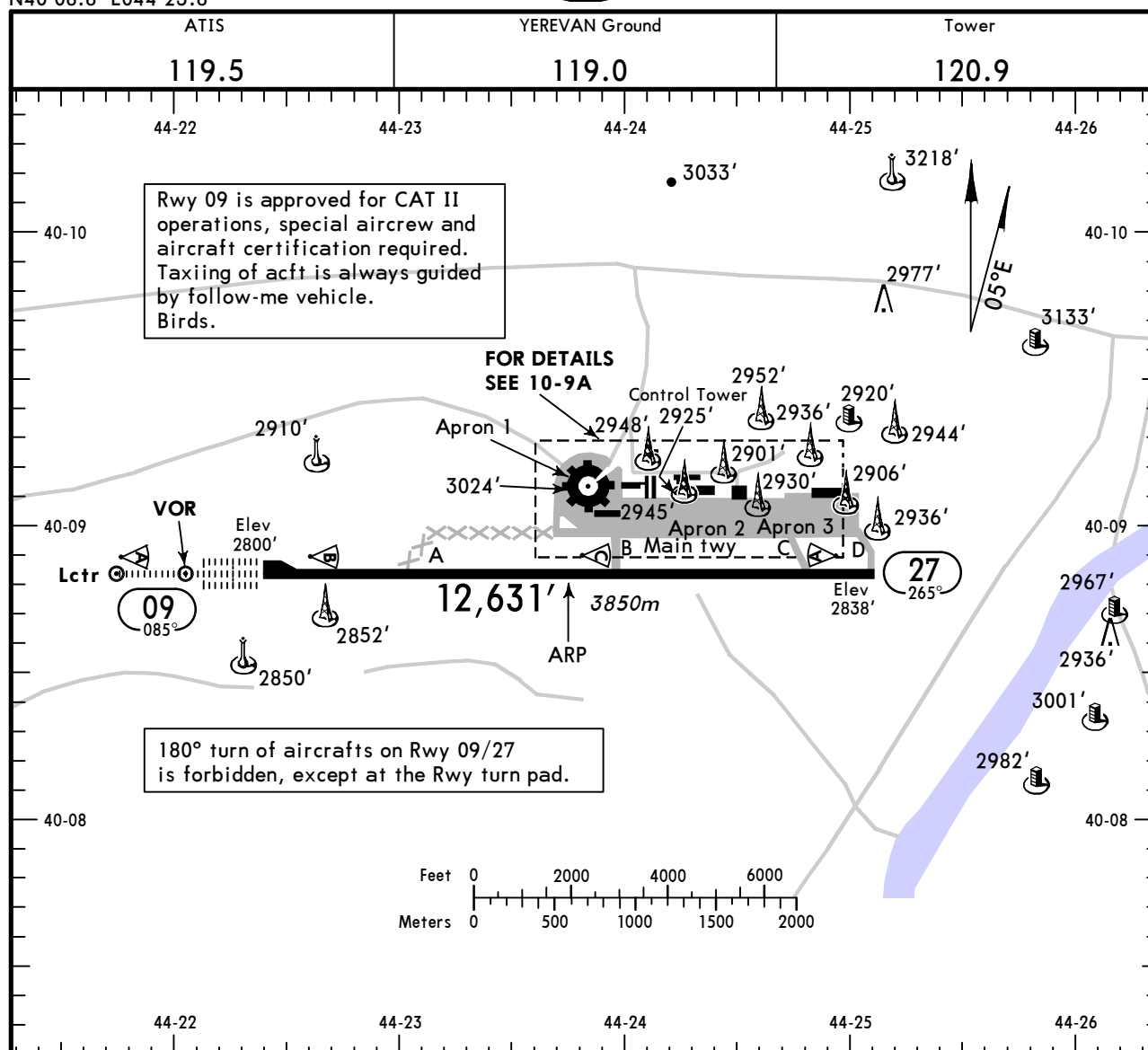
Initial turns MAX 210 KT, bank angle 20°

| SID             | ROUTING                 |
|-----------------|-------------------------|
| <b>INDUR 3H</b> | YZ450 - INDUR (FL140+). |
| <b>TIBLO 3H</b> | YZ450 - TIBLO (FL140+). |

UDYZ/EVN  
Apt Elev **2838'**  
N40 08.8 E044 23.8

JEPPESEN  
18 JAN 13 **(10-9)**

YEREVAN, ARMENIA  
ZVARTNOTS



#### ADDITIONAL RUNWAY INFORMATION

| RWY |                                               | USABLE LENGTHS |                | TAKE-OFF | WIDTH |
|-----|-----------------------------------------------|----------------|----------------|----------|-------|
|     |                                               | Threshold      | Landing Beyond |          |       |
| 09  | HIRL (57m) CL (15m) HIALS-II TDZ PAPI-L ① RVR |                | 11,561' 3524m  | ②        | 184'  |
| 27  | HIRL (57m) CL (15m) PAPI-L (angle 3.5°) RVR   |                |                |          | 56m   |

① (angle 3.0°)

② TAKE-OFF RUN AVAILABLE

RWY 09: From rwy head 12,631' (3850m)  
twy A int 10,121' (3085m)

RWY 27: From rwy head 12,631' (3850m)  
twy C int 10,991' (3350m)  
twy B int 7546' (2300m)

#### JAR-OPS

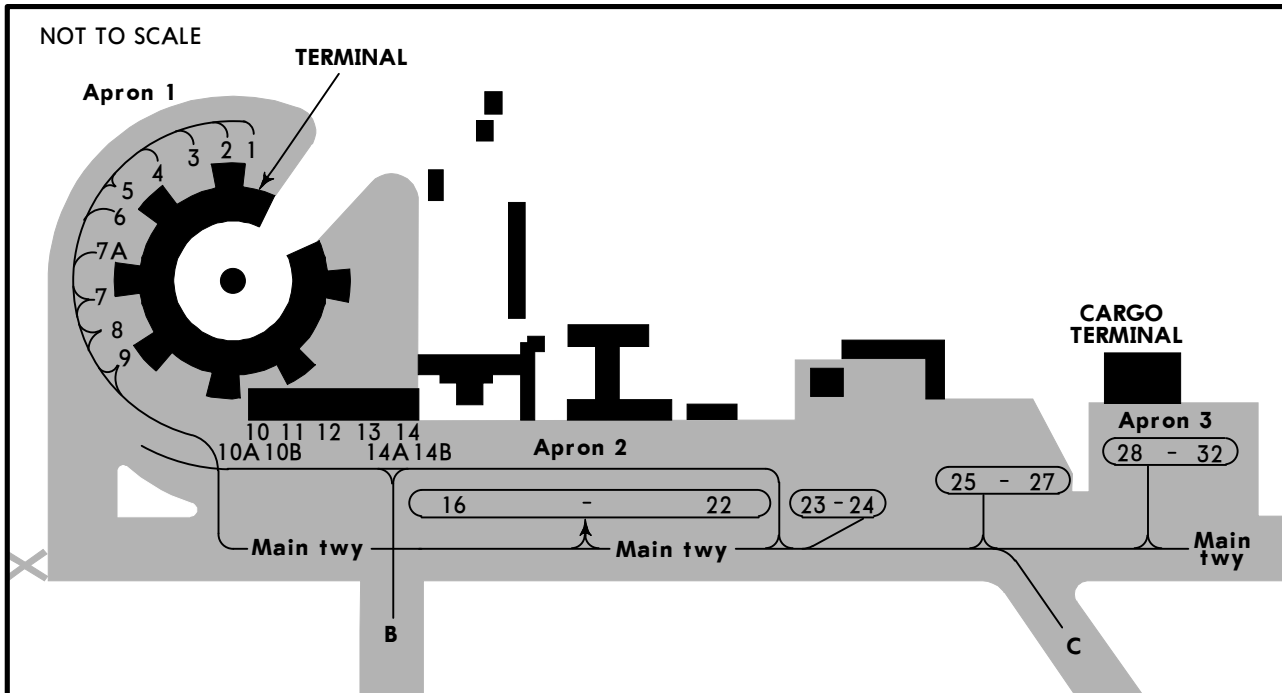
#### TAKE-OFF ①

| All Rwys           |                             |                           |         |                          |                          |                   |
|--------------------|-----------------------------|---------------------------|---------|--------------------------|--------------------------|-------------------|
| Approved Operators |                             | LVP must be in force      |         |                          |                          |                   |
|                    | HIRL, CL<br>& mult. RVR req | RL, CL<br>& mult. RVR req | RL & CL | RCLM (DAY only)<br>or RL | RCLM (DAY only)<br>or RL | NIL<br>(DAY only) |
| A                  | 125m                        | 150m                      | 200m    | 250m                     | 400m                     | 500m              |
| B                  |                             |                           |         |                          |                          |                   |
| C                  |                             |                           |         |                          |                          |                   |
| D                  | 150m                        | 200m                      | 250m    | 300m                     |                          |                   |

① Operators applying U.S. Ops Specs: CL required below 300m; approved HUD required below 150m.

#### NOISE ABATEMENT PROCEDURE

1. Preferential rwy for approach is Rwy 09, preferential rwy for take-off is Rwy 27.
2. In case of take-off from Rwy 27 turn is performed before or after overflying of city of Etchmiadzin. Low overflying of city of Etchmiadzin is prohibited.

**WARNING:**

Exit from stand 16 thru 22 to Main twy is via Apron 2 btn stands 22 and 23.

**INS COORDINATES**

| STAND No.    | COORDINATES        | STAND No.  | COORDINATES        |
|--------------|--------------------|------------|--------------------|
| 1            | N40 09.2 E044 23.9 | 23         | N40 09.0 E044 24.4 |
| 2 thru 4     | N40 09.2 E044 23.8 | 24         | N40 09.0 E044 24.5 |
| 5 thru 8     | N40 09.1 E044 23.8 | 25 thru 27 | N40 09.0 E044 24.6 |
| 9 thru 10A   | N40 09.1 E044 23.9 | 28, 29     | N40 09.1 E044 24.8 |
| 10B          | N40 09.0 E044 23.9 | 30, 31     | N40 09.1 E044 24.9 |
| 11 thru 13   | N40 09.1 E044 24.0 | 32         | N40 09.1 E044 25.0 |
| 14, 14A, 14B | N40 09.1 E044 24.1 |            |                    |
| 16           | N40 09.0 E044 24.1 |            |                    |
| 17 thru 20   | N40 09.0 E044 24.2 |            |                    |
| 21, 22       | N40 09.0 E044 24.3 |            |                    |

| STRAIGHT-IN RWY |                  | A                                 | B                                 | C                                 | D                                 |
|-----------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 09              | CAT 2 ILS        | 2900'(100')<br>RA100' R300m       | 2900'(100')<br>RA100' R300m       | 2900'(100')<br>RA100' R300m       | 2900'(100')<br>RA100' R300m       |
|                 | ILS              | 3000'(200')<br>R550m              | 3000'(200')<br>R550m              | 3000'(200')<br>R550m              | 3000'(200')<br>R550m              |
|                 | FULL             | R750m                             | R750m                             | R750m                             | R750m                             |
|                 | Limited          | R1200m                            | R1200m                            | R1200m                            | R1200m                            |
|                 | ALS out          |                                   |                                   |                                   |                                   |
|                 | LOC ❶            | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             |
|                 | ALS out          | R1500m                            | R1500m                            | R1900m                            | R1900m                            |
|                 | RNAV (LNAV/VNAV) | 3150'(350')<br>R900m              | 3150'(350')<br>R900m              | 3150'(350')<br>R900m              | 3150'(350')<br>R900m              |
|                 | ALS out          | R1500m                            | R1500m                            | R1600m                            | R1600m                            |
|                 | RNAV (LNAV) ❶    | 3230'(430')<br>R1300m             | 3230'(430')<br>R1300m             | 3230'(430')<br>R1300m             | 3230'(430')<br>R1300m             |
|                 | ALS out          | R1500m                            | R1500m                            | R2000m                            | R2000m                            |
|                 | VOR ❶            | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             |
|                 | ALS out          | R1500m                            | R1500m                            | R1900m                            | R1900m                            |
|                 | NDB ❶            | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             | 3210'(410')<br>R1200m             |
|                 | ALS out          | R1500m                            | R1500m                            | R1900m                            | R1900m                            |
| 27              | RNAV (LNAV) ❶❷   | 3400'(562')<br>R1500m             | 3400'(562')<br>R1500m             | 3400'(562')<br>C2400m             | 3400'(562')<br>C2400m             |
|                 | RNAV (LNAV) ❶❸   | 4600'(1762')<br>C5000m            | 4600'(1762')<br>C5000m            | 4600'(1762')<br>C5000m            | 4600'(1762')<br>C5000m            |
|                 | NDB VOR DME      | 3500'(662')<br>ceil 2600' - 10 km | 3500'(662')<br>ceil 2600' - 10 km | 3630'(792')<br>ceil 2600' - 10 km | 3630'(792')<br>ceil 2600' - 10 km |

❶ Continuous Descent Final Approach.

❷ Missed apch climb gradient mim 3.2%.

❸ Missed apch climb gradient mim 2.5%.

| CIRCLE-TO-LAND ❹❺                    | 100 KT               | 135 KT               | 180 KT               | 205 KT               |
|--------------------------------------|----------------------|----------------------|----------------------|----------------------|
| WITH PRESCRIBED FLIGHT TRACKS Rwy 27 | 3500'(662')<br>4000m | 3500'(662')<br>4000m | 3630'(792')<br>5000m | 3630'(792')<br>5000m |

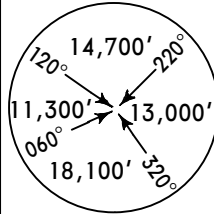
❹ CAUTION: Not authorized North of airport.

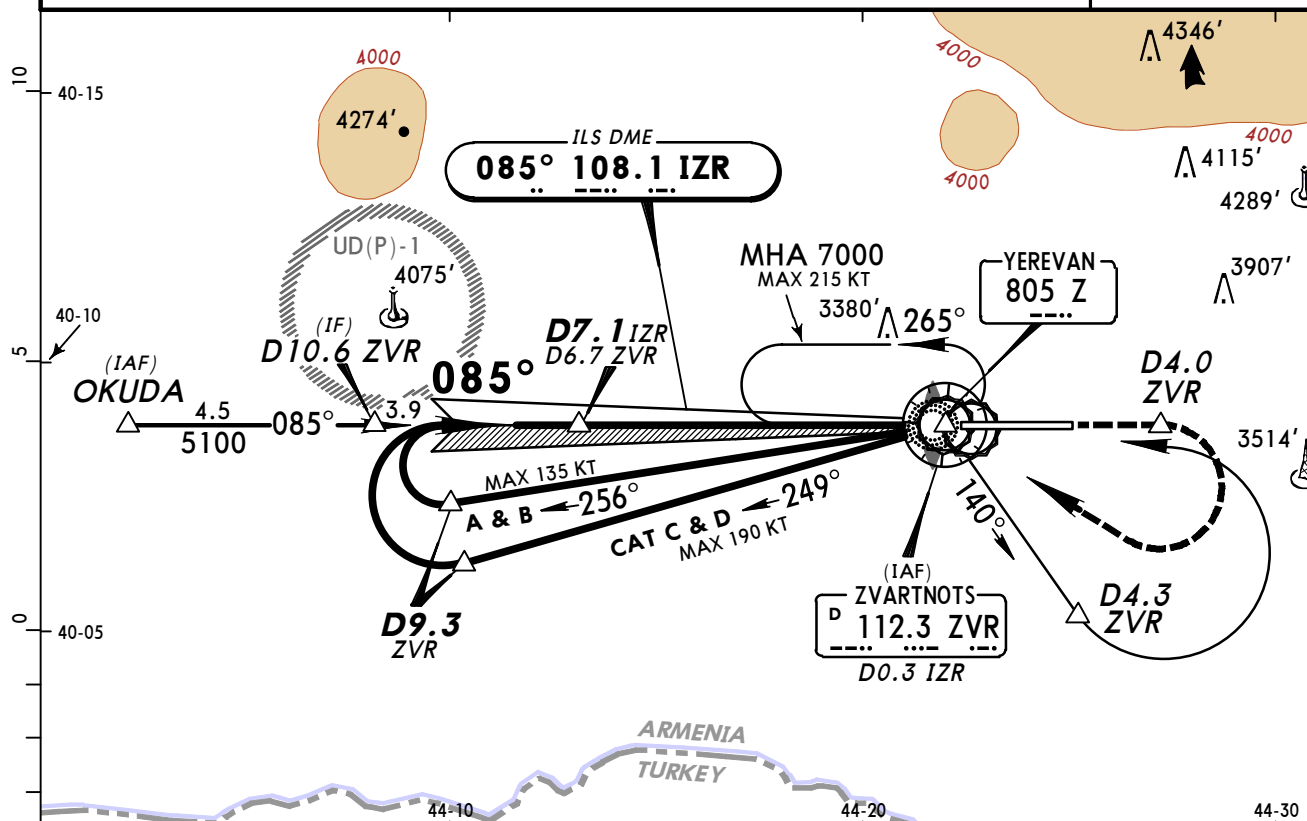
❺ NIGHT: NOT AUTHORIZED.

**TAKE-OFF RWY 09, 27**

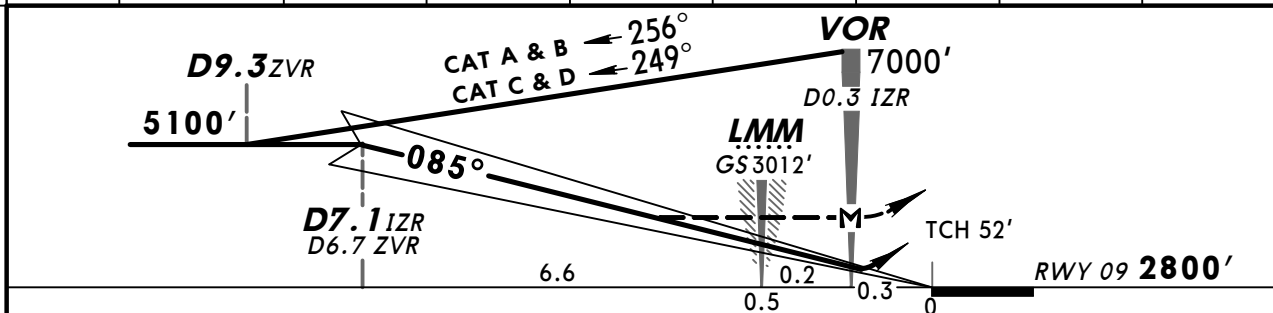
| LVP must be in Force                              |                           |         |                          |                          |                   |
|---------------------------------------------------|---------------------------|---------|--------------------------|--------------------------|-------------------|
| Approved Operators<br>HIRL, CL<br>& mult. RVR req | RL, CL<br>& mult. RVR req | RL & CL | RCLM (DAY only)<br>or RL | RCLM (DAY only)<br>or RL | NIL<br>(DAY only) |
| A                                                 |                           |         |                          |                          |                   |
| B                                                 | 125m                      | 150m    | 200m                     | 250m                     | 400m              |
| C                                                 |                           |         |                          |                          | 500m              |
| D                                                 | 150m                      | 200m    | 250m                     | 300m                     |                   |

BRIEFING STRIP™

|                                                                                                                                                                               |                           |                                 |                              |                             |  |                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|------------------------------|-----------------------------|--|-------------------------------------------------------------------------------------------------------|
| ATIS                                                                                                                                                                          |                           | YEREVAN Approach                |                              | YEREVAN Tower               |  | Ground                                                                                                |
| 119.5                                                                                                                                                                         |                           | 126.0                           |                              | 120.9                       |  | 119.0                                                                                                 |
| LOC<br>IZR<br>108.1                                                                                                                                                           | Final<br>Apch Crs<br>085° | GS<br>D7.1 IZR<br>5100' (2300') | ILS<br>DA(H)<br>3000' (200') | Apt Elev 2838'<br>RWY 2800' |  | <br>MSA<br>ZVR VOR |
| MISSED APCH: Climb STRAIGHT AHEAD to 3500' or D4.0 ZVR, whichever is earlier, then turn RIGHT (MAX 215 KT) to VOR climbing to 7000' to join holding, then according to chart. |                           |                                 |                              |                             |  |                                                                                                       |
| Alt Set: hPa      Rwy Elev: 98 hPa      Trans level: By ATC      Trans alt: 11,500'                                                                                           |                           |                                 |                              |                             |  |                                                                                                       |
| 1. In case of communication failure during radar vectoring, proceed to VOR at last cleared altitude but not below 7000'. 2. ILS DME reads zero at rwy 09 thresh.              |                           |                                 |                              |                             |  |                                                                                                       |

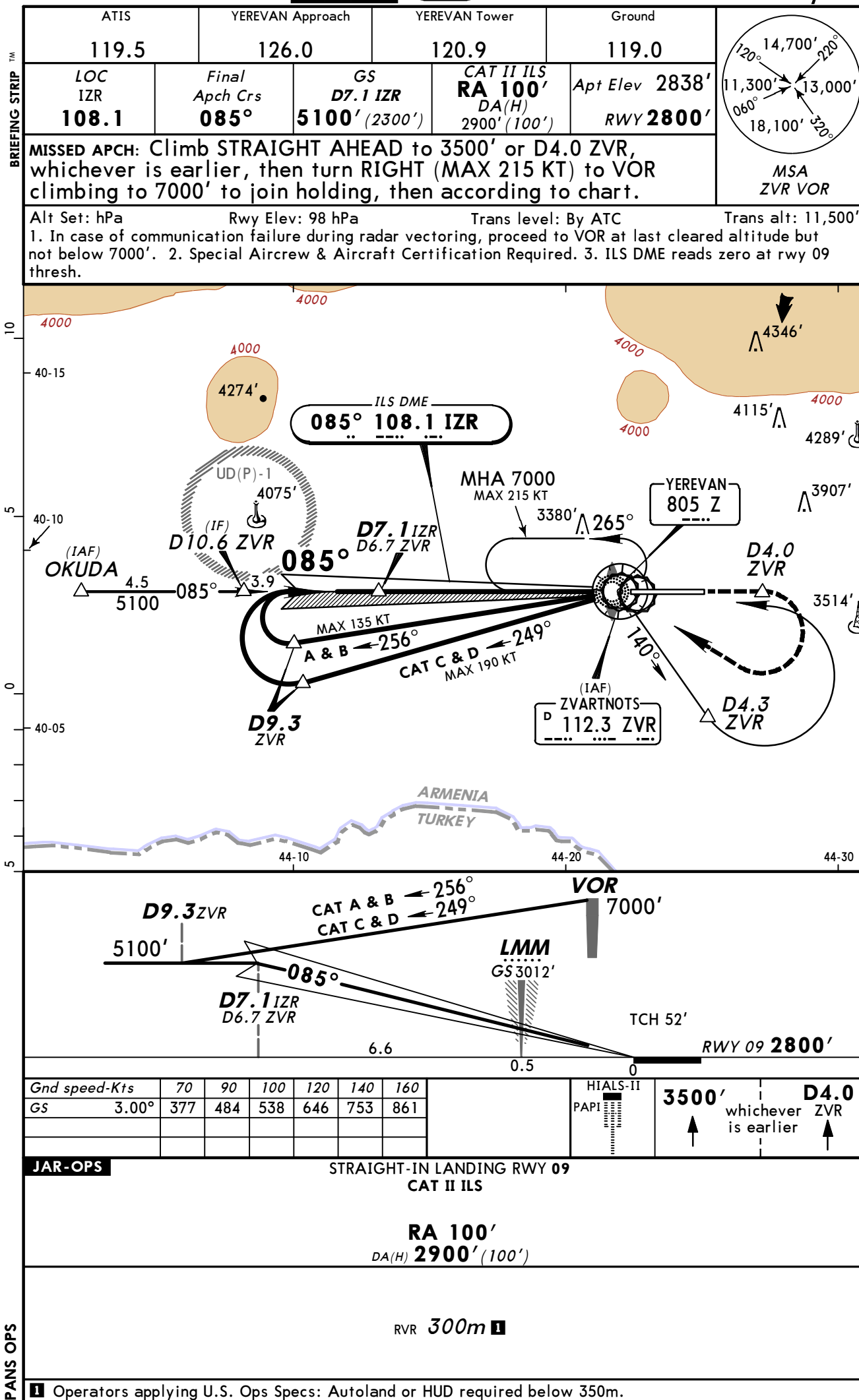


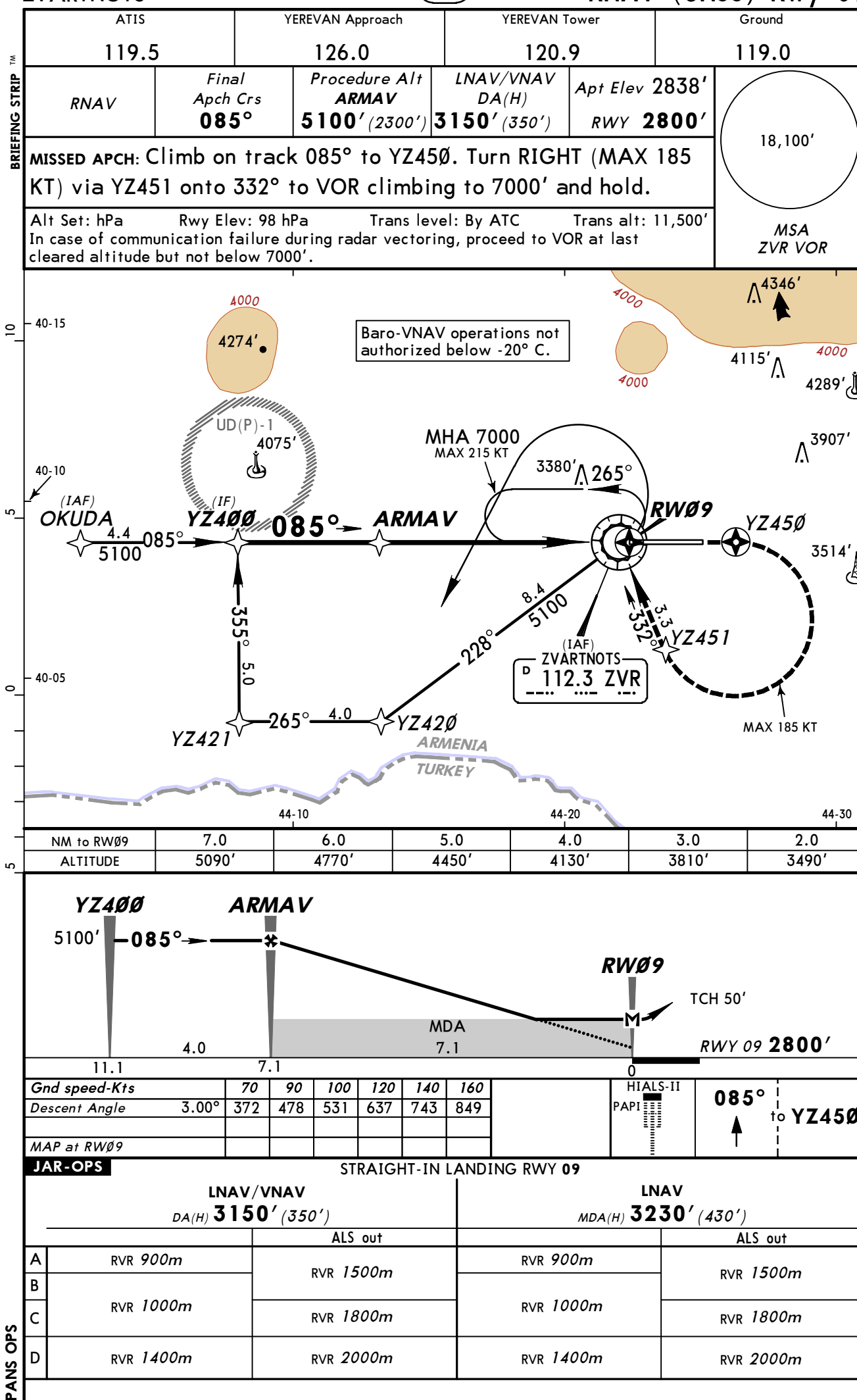
| LOC (GS out) | IZR DME | 7.0   | 5.9   | 4.9   | 3.8   | 2.7   | 1.6   | 0.5   |
|--------------|---------|-------|-------|-------|-------|-------|-------|-------|
| ALTITUDE     |         | 5090' | 4750' | 4400' | 4060' | 3720' | 3370' | 3030' |

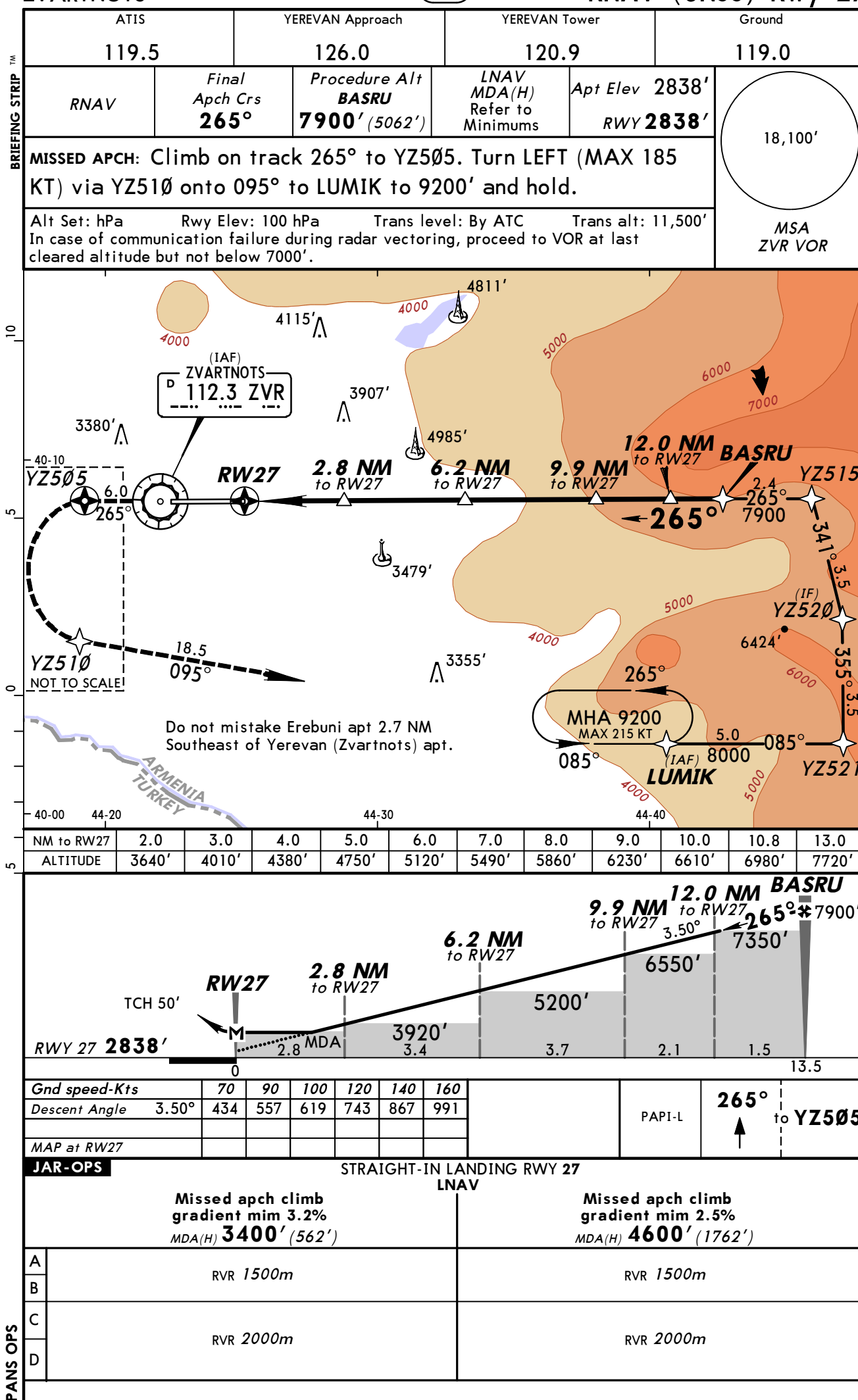


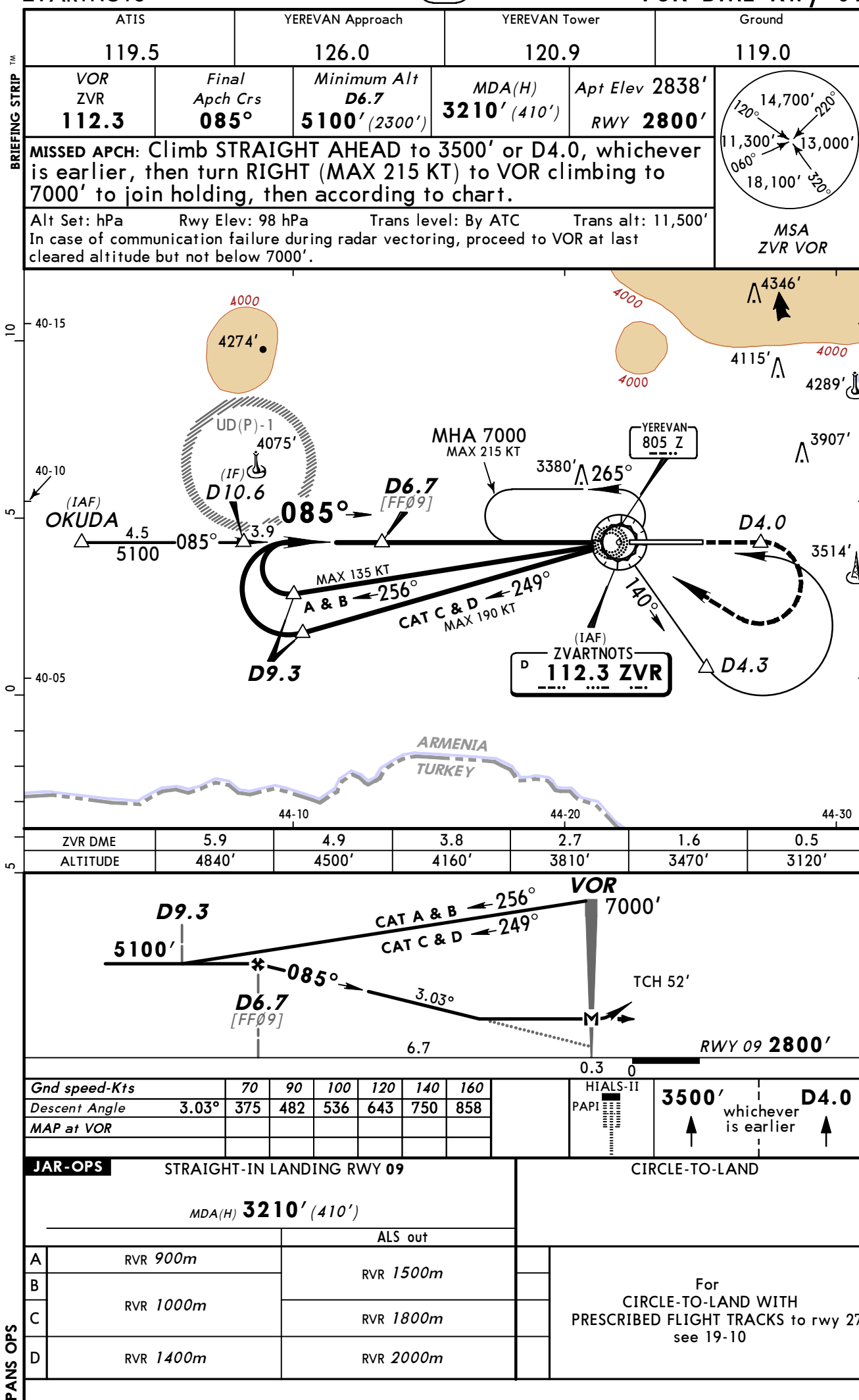
| Gnd speed-Kts                        | 70  | 90  | 100 | 120 | 140 | 160 | HIALS-II<br>PAPI |  | 3500'                | D4.0 |
|--------------------------------------|-----|-----|-----|-----|-----|-----|------------------|--|----------------------|------|
| ILS GS or<br>LOC Descent Angle 3.00° | 377 | 484 | 538 | 646 | 753 | 861 |                  |  | ↑                    | ↑    |
| MAP at VOR/D0.3 IZR                  |     |     |     |     |     |     |                  |  | whichever is earlier |      |

| JAR-OPS            |          | STRAIGHT-IN LANDING RWY 09 |           |           |                                                                                  | CIRCLE-TO-LAND |  |
|--------------------|----------|----------------------------|-----------|-----------|----------------------------------------------------------------------------------|----------------|--|
| ILS                |          | LOC (GS out)               |           |           |                                                                                  |                |  |
| DA(H) 3000' (200') |          | MDA(H) 3210' (410')        |           |           |                                                                                  |                |  |
| FULL               | ALS out  |                            | ALS out   |           |                                                                                  |                |  |
| A                  | RVR 550m | RVR 1000m                  | RVR 900m  | RVR 1500m | For<br>CIRCLE-TO-LAND WITH<br>PRESCRIBED FLIGHT<br>TRACKS to rwy 27<br>see 19-10 |                |  |
| B                  |          |                            | RVR 1000m | RVR 1800m |                                                                                  |                |  |
| C                  |          |                            | RVR 1400m | RVR 2000m |                                                                                  |                |  |
| D                  |          |                            |           |           |                                                                                  |                |  |

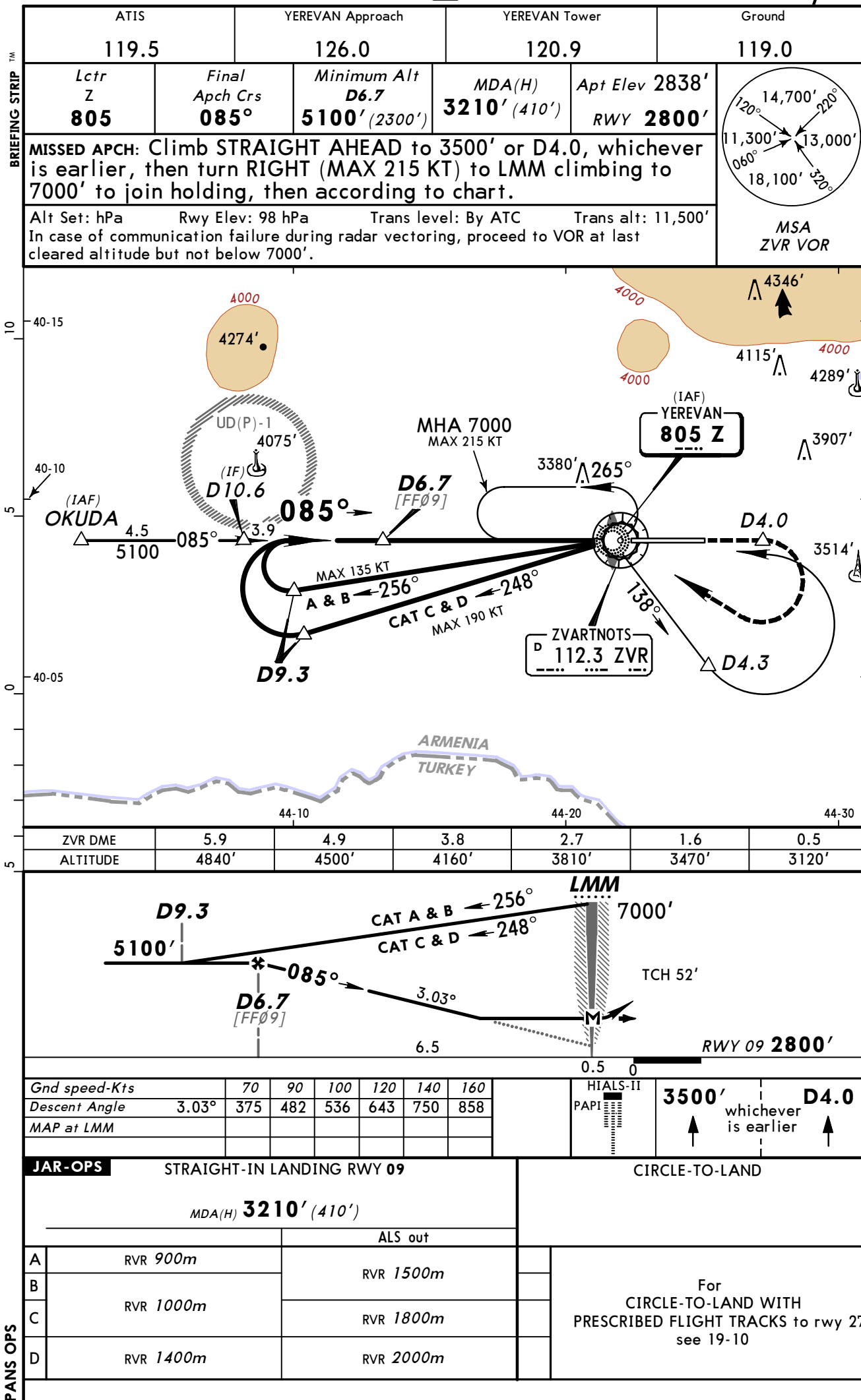
UDYZ/EVN  
ZVARTNOTSJEPPESSEN  
30 NOV 12  
Eff 13 Dec 11-1AYEREVAN, ARMENIA  
CAT II ILS DME Rwy 09



UDYZ/EVN  
ZVARTNOTSJEPPesen  
30 NOV 12 (12-2)YEREVAN, ARMENIA  
RNAV (GNSS) Rwy 27





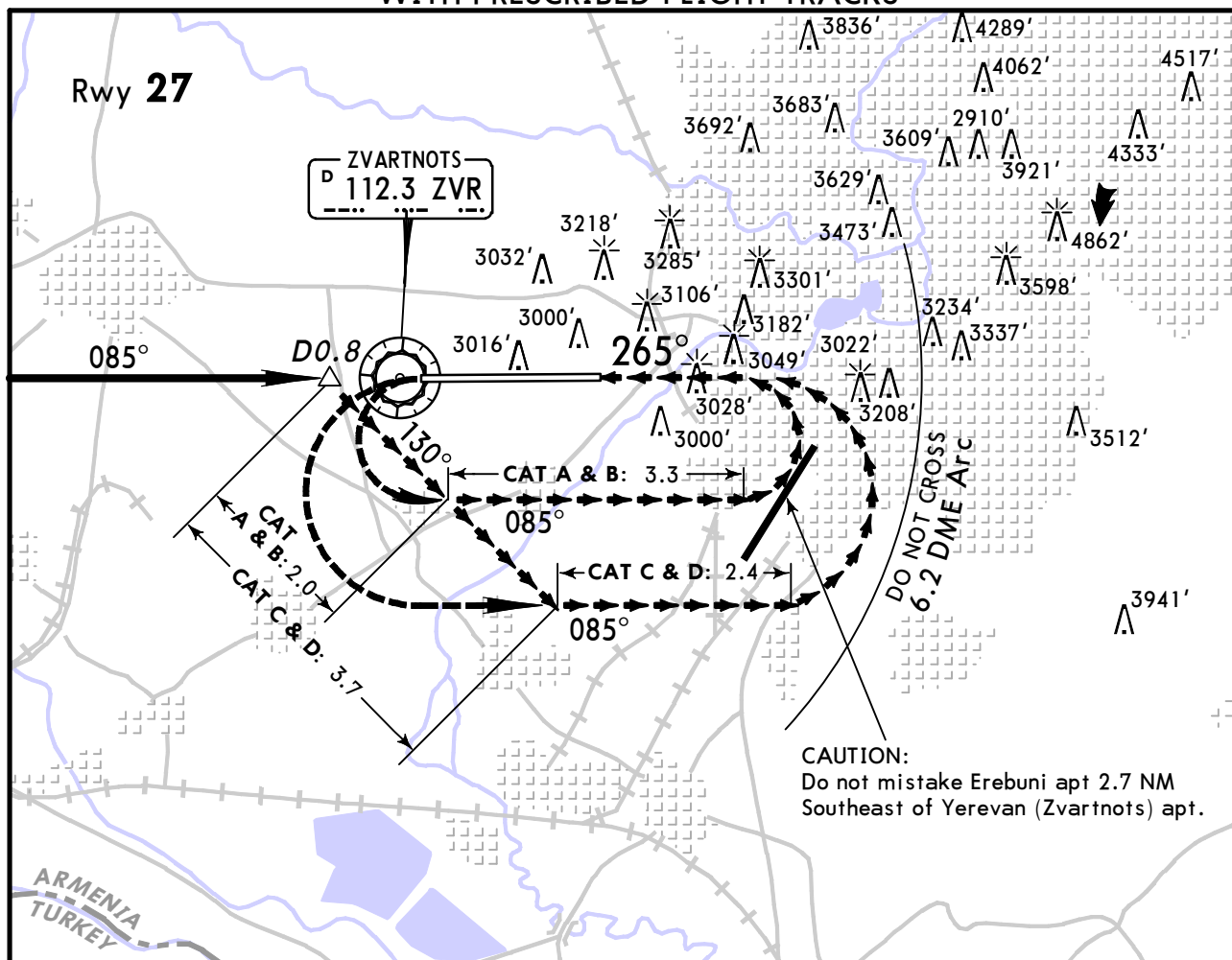
UDYZ/EVN  
ZVARTNOTSJEPPesen  
30 NOV 12 (16-1) Eff 13 DecYEREVAN, ARMENIA  
NDB DME Rwy 09

UDYZ/EVN  
Apt Elev 2838'

JEPPESEN  
30 NOV 12 19-10 Eff 13 Dec

YEREVAN, ARMENIA  
ZVARTNOTS

CIRCLE-TO-LAND  
WITH PRESCRIBED FLIGHT TRACKS



CAUTION: Final turn w/o descent. Do not cross 6.2 DME Arc.

**MISSED APCH:**

Climb STRAIGHT AHEAD to MDA(H) to VOR, then turn LEFT onto 085°, then according to chart.

**JAR-OPS**

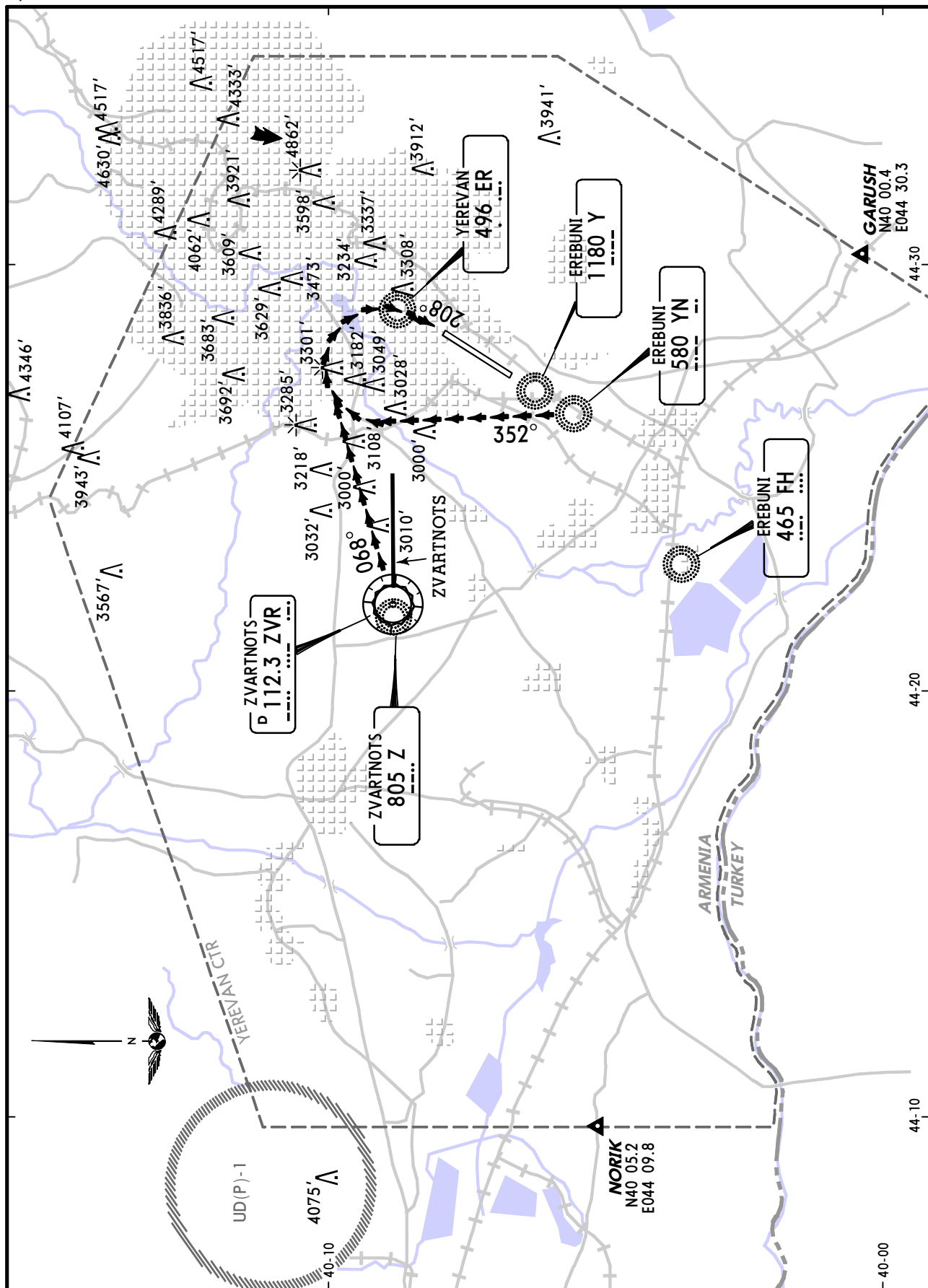
CAUTION: Not authorized North of airport

|         |  | DAY          | NIGHT |
|---------|--|--------------|-------|
| Max Kts |  | MDA(H)       | VIS   |
| A 100   |  | 3500' (662') | 4000m |
| B 135   |  |              |       |
| C 180   |  | 3630' (792') | 5000m |
| D 185   |  |              |       |

NOT AUTHORIZED

Apt Elev **2838'**

## VISUAL APPROACH



Visual approach to RWY 27 at ZVARTNOTS apt authorized only SOUTH of airport only.

Visual approach to RWY 21 at EREBUNI apt authorized by prescribed routes only for acft CAT A & B.

**YEREVAN, (ZVARTNOTS - UDYZ)**

**TERMINAL CHART CHANGE NOTICES**

**No Chart Change Notices for Airport UDYZ**