

# EYKA Charts

Aerodrome Chart

Aerodrome Ground Movement and Parking Chart

Aerodrome Obstacle Chart (Type A)

Precision Approach Terrain Chart - ICAO RWY 26

RNAV (GNSS, VOR/DME) Overlay Standard Departure Chart - Instrument (SID) - ICAO RWY 08

RNAV (GNSS, VOR/DME) Overlay Standard Departure Chart - Instrument (SID) - ICAO RWY 26

RNAV (GNSS, VOR/DME) Overlay Standard Arrival Chart - Instrument (STAR) - ICAO RWY 08

RNAV (GNSS, VOR/DME) Overlay Standard Arrival Chart - Instrument (STAR) - ICAO RWY 26

ATC Surveillance Minimum Altitude Chart

Instrument Approach Chart - ICAO ILS Z RWY 08 (CAT A/B/C/D)

Instrument Approach Chart - ICAO ILS Y or LOC RWY 08 (CAT A/B/C/D)

Instrument Approach Chart - ICAO ILS CAT II Z RWY 26 (CAT A/B/C/D)

Instrument Approach Chart - ICAO ILS CAT II Y or LOC RWY 26 (CAT A/B/C/D)

Instrument Approach Chart - ICAO RNP RWY 08

Instrument Approach Chart - ICAO RNP RWY 26

Instrument Approach Chart - ICAO VOR Z RWY 08 (CAT A/B)

Instrument Approach Chart - ICAO VOR Y RWY 08 (CAT C/D)

Instrument Approach Chart - ICAO VOR Z RWY 26 (CAT A/B)

Instrument Approach Chart - ICAO VOR Y RWY 26 (CAT C/D)

Instrument Approach Chart - ICAO NDB Z RWY 08 (CAT A/B)

Instrument Approach Chart - ICAO NDB Y RWY 08 (CAT C/D)

Instrument Approach Chart - ICAO NDB Z RWY 26 (CAT A/B)

Instrument Approach Chart - ICAO NDB Y RWY 26 (CAT C/D)

Visual Approach Chart RWY 08/26 - ICAO

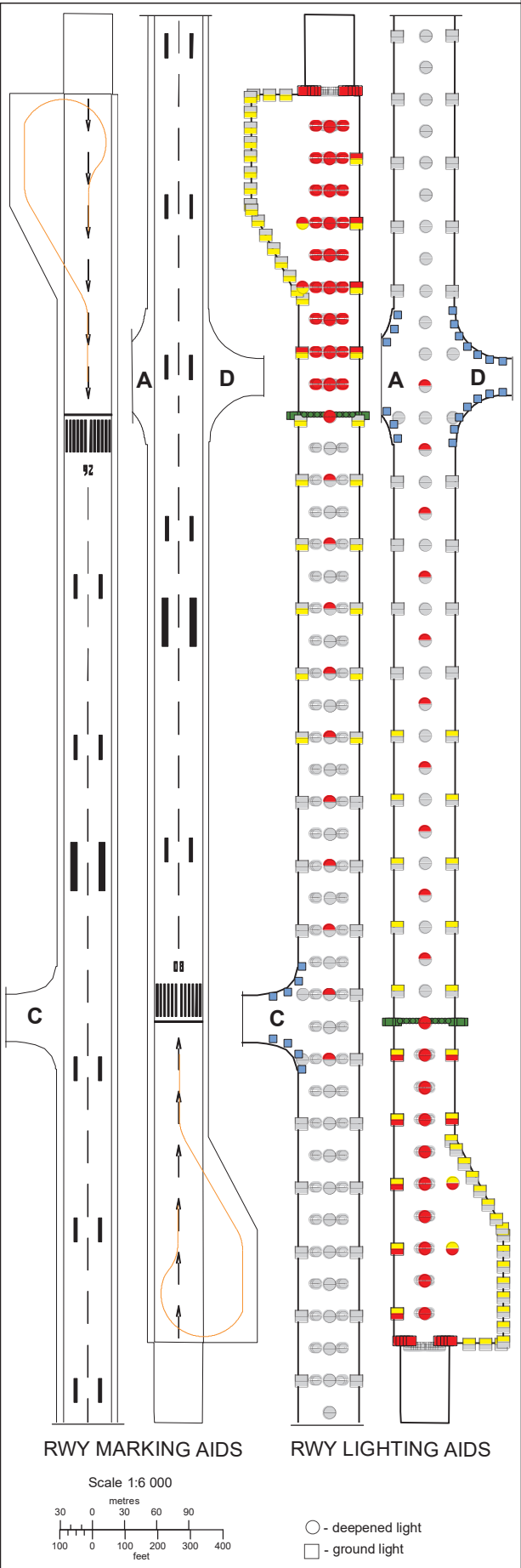
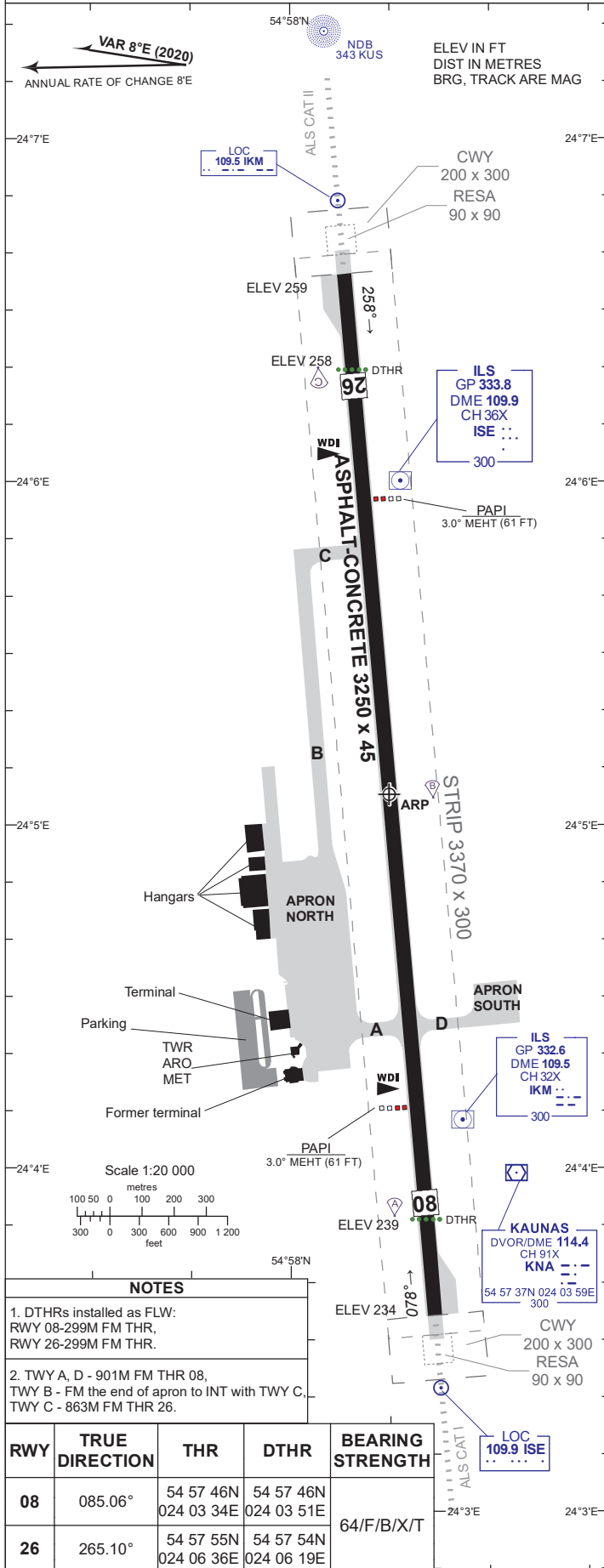
AERODROME CHART - ICAO

AERODROME ELEV 259

54° 57' 50" N  
024° 05' 05" E

TWR 124.205  
118.505  
ATIS 129.055

KAUNAS



- NOTES**
- DTHR installed as FLW:  
RWY 08-299M FM THR,  
RWY 26-299M FM THR.
  - TWY A, D - 901M FM THR 08,  
TWY B - FM the end of apron to INT with TWY C,  
TWY C - 863M FM THR 26.

RWY	TRUE DIRECTION	THR	DTHR	BEARING STRENGTH
08	085.06°	54 57 46N 024 03 34E	54 57 46N 024 03 51E	64/F/B/X/T
26	265.10°	54 57 55N 024 06 36E	54 57 54N 024 06 19E	

Changes: VAR and date of VAR; TRUE direction.

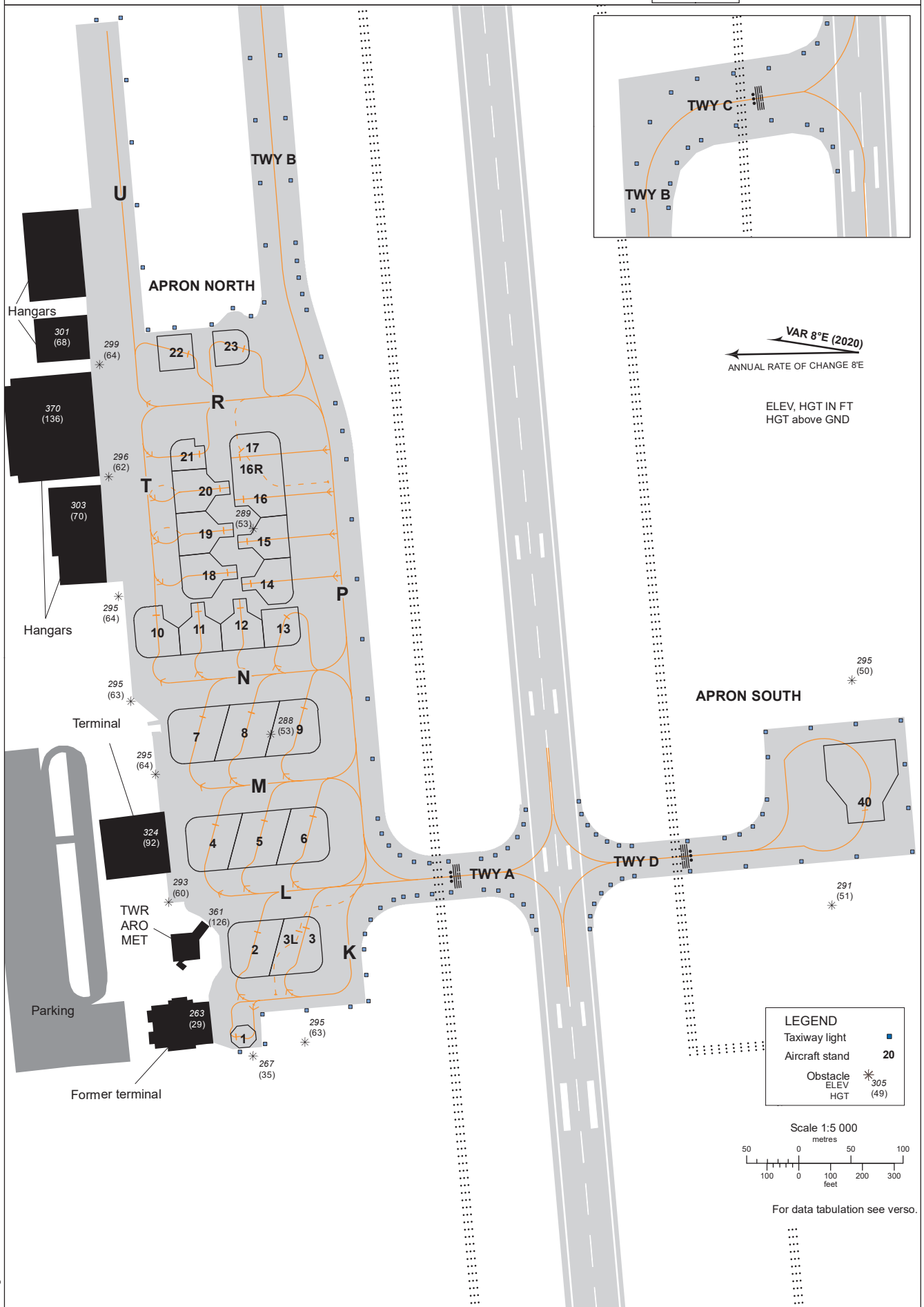
THIS PAGE INTENTIONALLY LEFT BLANK

AERODROME GROUND MOVEMENT AND PARKING CHART - ICAO

APRON ELEV 243

TWR 124.205  
118.505  
ATIS 129.055

KAUNAS



Changes: VAR and date of VAR.

AERONAUTICAL DATA TABULATION				
ACFT STANDS				
Stand	Coordinates	Bearing Strength	Max wing span, M	Remarks
1	54 57 57.86N 024 04 15.56E	5700 MTOM (kg)	15	Self manoeuvring (MTOW 5700 kg)
2	54 57 57.50N 024 04 20.33E	120/R/B/W/T	36	Self manoeuvring
3	54 57 56.19N 024 04 20.38E	66/R/B/W/T	36	Self manoeuvring
3L	54 57 56.30N 024 04 20.90E	66/R/B/W/T	65	Self manoeuvring. For CAT D and CAT E ACFT parking stands 2 and 3 have to be empty.
4	54 57 58.80N 024 04 26.05E	80/R/B/W/T	36	Self manoeuvring
5	54 57 57.36N 024 04 26.19E	99/R/B/W/T	36	Self manoeuvring
6	54 57 55.97N 024 04 26.32E	120/F/B/X/T	36	Self manoeuvring
7	54 57 59.30N 024 04 31.80E	120/R/B/W/T	36	Self manoeuvring
8	54 57 57.80N 024 04 32.00E	120/F/B/X/T	36	Self manoeuvring
9	54 57 56.10N 024 04 32.20E	120/F/B/X/T	36	Self manoeuvring
10	54 58 00.50N 024 04 37.40E	66/F/B/X/T	36	Self manoeuvring
11	54 57 59.20N 024 04 37.60E	83/F/B/X/T	36	Taxi in/Push back
12	54 57 57.90N 024 04 37.80E	120/F/B/X/T	36	Taxi in/Push back
13	54 57 56.60N 024 04 37.60E	120/F/B/X/T	24	Self manoeuvring
14	54 57 57.10N 024 04 40.00E	118/F/B/X/T	36	Taxi in/Push back
15	54 57 57.20N 024 04 42.30E	35/R/B/X/T	36	Taxi in/Push back
16	54 57 57.30N 024 04 44.60E	35/R/B/X/T	36	Taxi in/Push back
16R	54 57 57.70N 024 04 46.70E	35/R/B/X/T	52	Self manoeuvring. Parking stands 16 and 17 have to be empty.
17	54 57 57.50N 024 04 46.80E	35/R/B/X/T	36	Taxi in/Push back
18	54 57 58.90N 024 04 40.50E	35/R/B/X/T	36	Taxi in/Push back
19	54 57 59.00N 024 04 42.70E	35/R/B/X/T	36	Taxi in/Push back
20	54 57 59.00N 024 04 45.00E	35/R/B/X/T	36	Taxi in/Push back
21	54 57 59.20N 024 04 46.90E	35/F/B/X/T	24	Self manoeuvring
22	54 57 59.90N 024 04 52.50E	120/F/B/X/T	24	Self manoeuvring
23	54 57 58.20N 024 04 52.80E	120/F/B/X/T	24	Self manoeuvring
40	54 57 38.59N 024 04 27.71E	79/F/B/X/T	NIL	NIL

TAXIING ROUTES			
Route	Description	Max wing span, M	ACFT stand and ACFT facing direction
K	From end of TWY A to eastern part of ACFT stand 1.	65	2, 3, 3L - facing east; 1 - facing north
L	From end of TWY A to western part of ACFT stand 4.	36	4, 5, 6 - facing east
M	From taxiing route P to western part of ACFT stand 7.	36	7, 8, 9, - facing east
N	From taxiing route P to western part of ACFT stand 10.	36	10, 11, 12, 13 - facing east
P	The main taxiing route starts from the beginning of TWY A up to the TWY B. From taxiing route P goes all other taxiing routes.	65	14, 15, 16, 16R, 17 - facing north
R	From taxiing route P to intersection with taxiing route T.	52	23 - facing south-west
T	From intersection with taxiing route R to eastern part of ACFT stand 10.	36	18, 19, 20, 21 - facing south
U	From intersection with taxiing route R to eastern part of APRON NORTH.	36	22 - facing south-west

Restrictions	
K	Taxiing of CAT D and CAT E aircraft allowed only when parking stands 1, 2 and 3 are empty.
P	Taxiing of CAT E aircraft allowed only when parking stands 6 and 9 are empty.
U	Taxiing further east from intersection with stand 22 taxi-line is prohibited. Movement of ACFT to/from hangar is allowed only by push back tug.

TAXIWAYS				
TWY	Width (M)	Bearing Strength	Surface	Centre Line Points
A	23	79/F/B/X/T	Asphalt-Concrete	54 57 48.81N 024 04 24.55E
				54 57 49.87N 024 04 24.39E
				54 57 51.19N 024 04 24.18E
				54 57 52.80N 024 04 23.92E
B	23	66/F/B/X/T	Asphalt-Concrete	54 57 58.83N 024 05 43.91E
				54 57 57.43N 024 05 14.01E
				54 57 56.64N 024 04 57.24E
				54 57 52.95N 024 05 47.82E
C	23	66/F/B/X/T	Asphalt-Concrete	54 57 54.00N 024 05 47.70E
				54 57 55.30N 024 05 47.50E
				54 57 57.20N 024 05 47.20E
				54 57 58.83N 024 05 43.91E
D	23	79/F/B/X/T	Asphalt-Concrete	54 57 47.40N 024 04 24.74E
				54 57 46.31N 024 04 24.91E
				54 57 44.21N 024 04 25.22E
				54 57 40.48N 024 04 25.76E

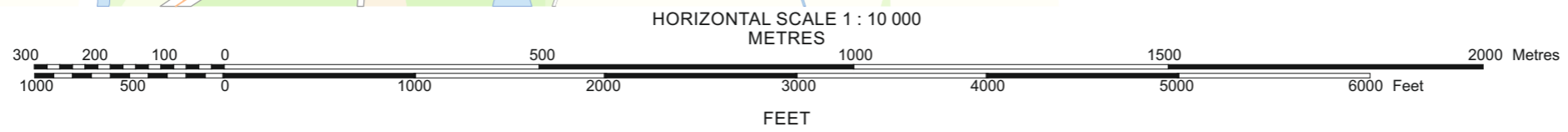
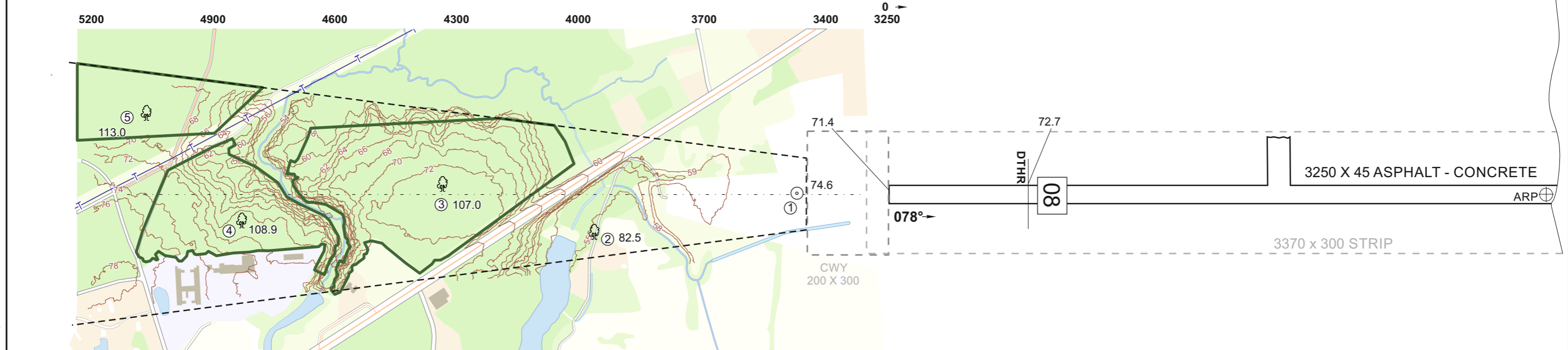
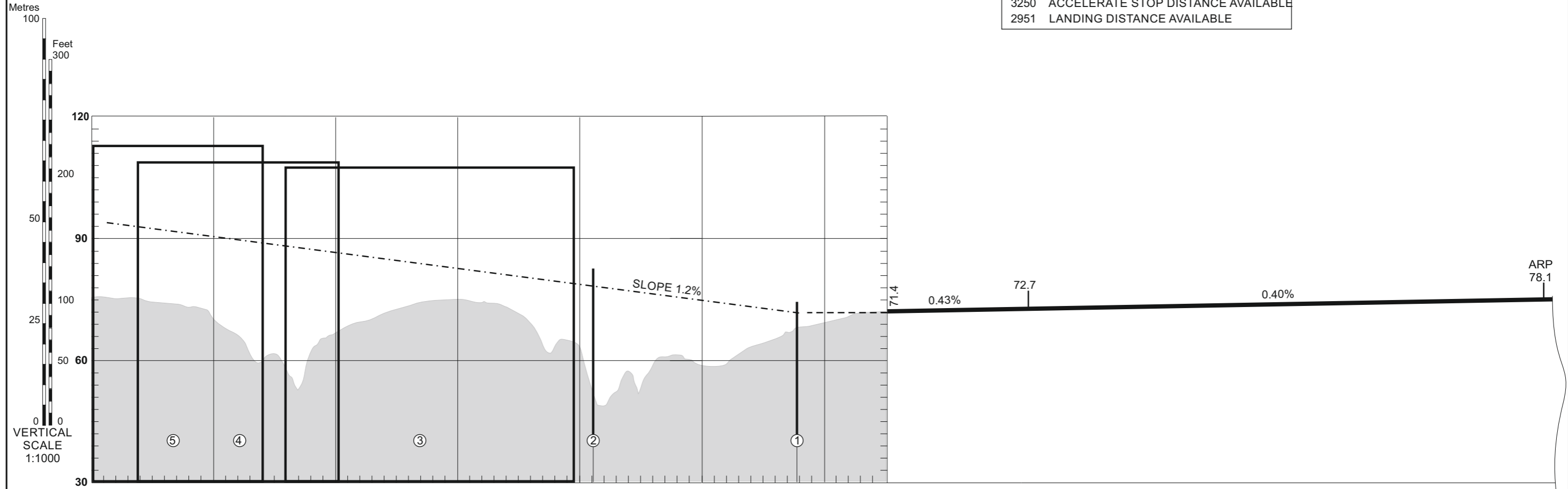
Changes: taxiing route U added; taxiing route R, K changed.

### AERODROME OBSTACLE CHART - ICAO TYPE A (OPERATING LIMITATIONS)

**KAUNAS  
RWY 08**

MAGNETIC VARIATION 8° E - 2020  
DIMENSIONS AND ELEVATIONS IN METRES  
ORDER OF ACCURACY  
HORIZONTAL 0.5M  
VERTICAL 0.1M

DECLARED DISTANCES	
3250	TAKE - OFF RUN AVAILABLE
3450	TAKE - OFF DISTANCE AVAILABLE
3250	ACCELERATE STOP DISTANCE AVAILABLE
2951	LANDING DISTANCE AVAILABLE



Changes: Horizontal accuracy.

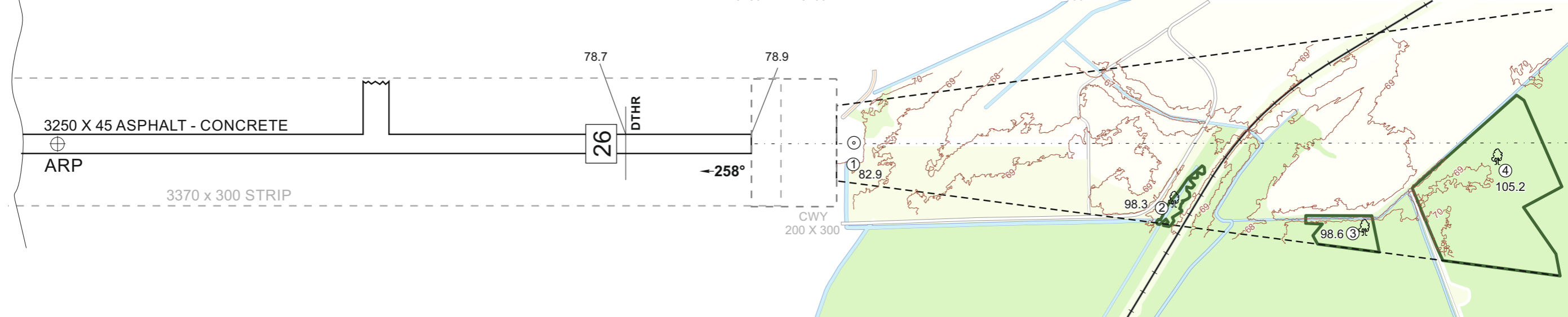
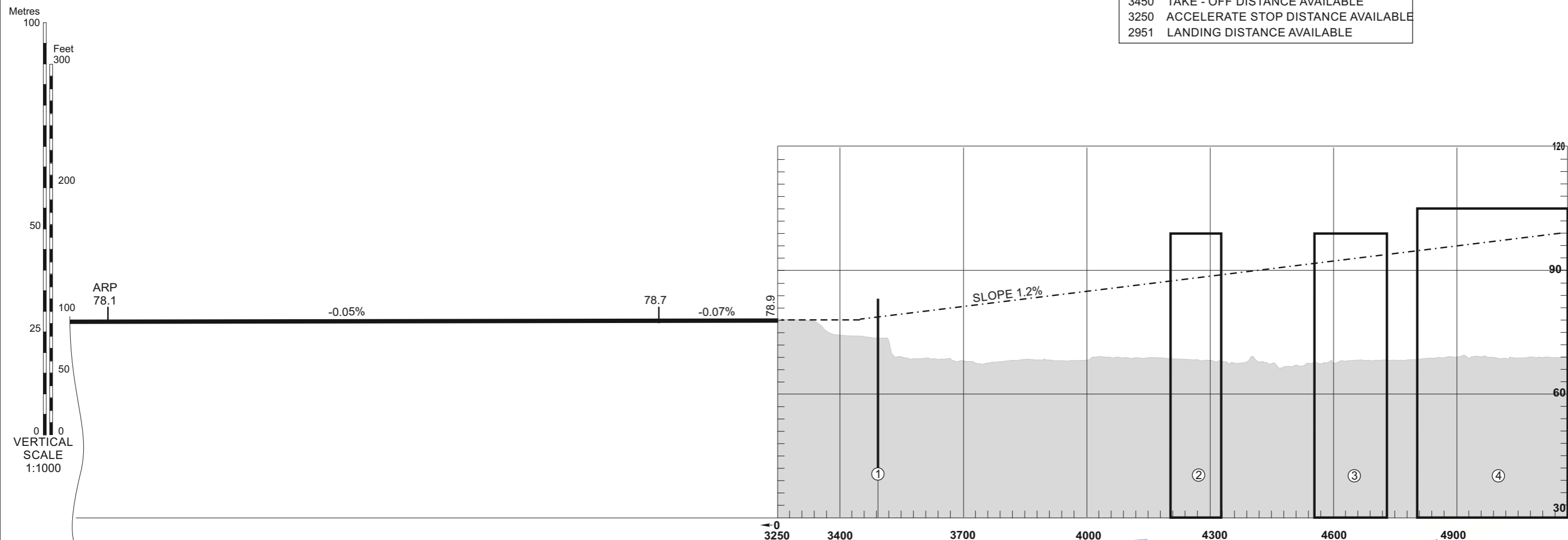
LEGEND See GEN 2.3

**AERODROME OBSTACLE CHART - ICAO**  
**TYPE A (OPERATING LIMITATIONS)**

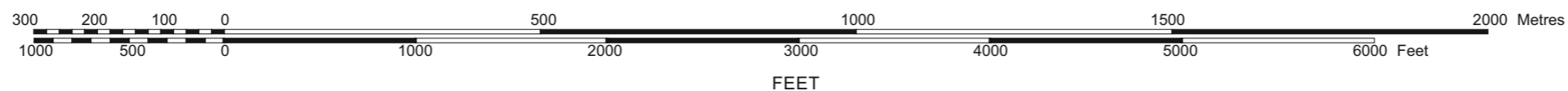
**KAUNAS  
RWY 26**

MAGNETIC VARIATION 8° E - 2020  
DIMENSIONS AND ELEVATIONS IN METRES  
ORDER OF ACCURACY  
HORIZONTAL 0.5M  
VERTICAL 0.1M

DECLARED DISTANCES	
3250	TAKE - OFF RUN AVAILABLE
3450	TAKE - OFF DISTANCE AVAILABLE
3250	ACCELERATE STOP DISTANCE AVAILABLE
2951	LANDING DISTANCE AVAILABLE



HORIZONTAL SCALE 1 : 10 000  
METRES



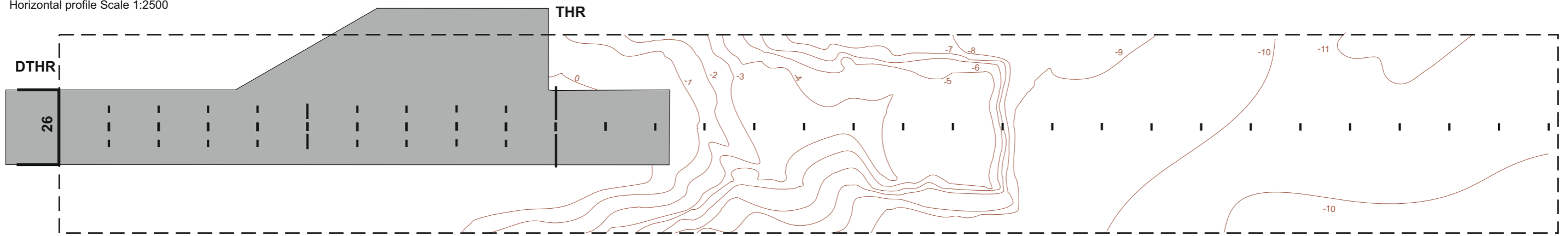
LEGEND See GEN 2.3

DIMENSIONS AND HEIGHTS IN METRES UNLESS OTHER INDICATED

PRECISION APPROACH TERRAIN CHART - ICAO

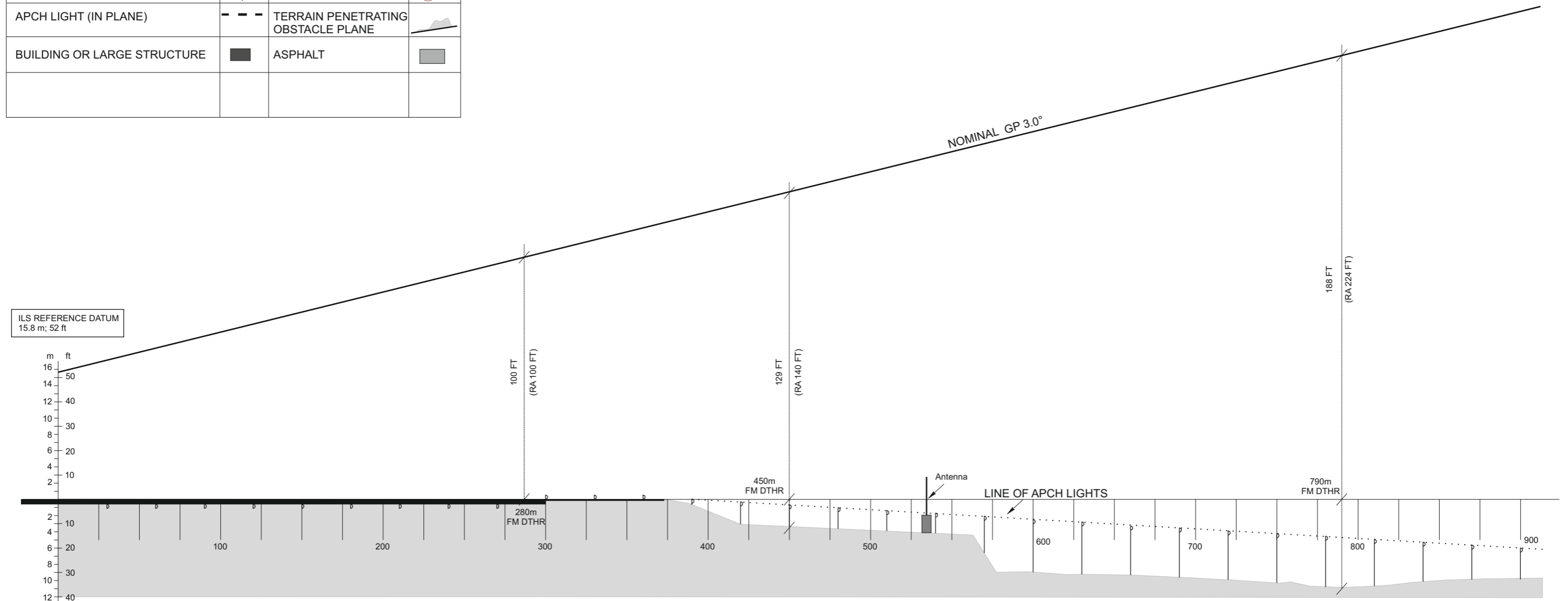
KAUNAS / INTL  
RWY 26

Horizontal profile Scale 1:2500



Vertical profile Scale 1:500

LEGEND			
APCH LIGHT (IN PROFILE)		CONTOUR	
APCH LIGHT (IN PLANE)		TERRAIN PENETRATING OBSTACLE PLANE	
BUILDING OR LARGE STRUCTURE		ASPHALT	



CONTOURS AND HEIGHTS ARE RELATED TO ELEVATION OF RWY DTHR 26

Changes: Page number.



THIS PAGE INTENTIONALLY LEFT BLANK

RNAV (GNSS, VOR/DME) OVERLAY  
STANDARD DEPARTURE CHART  
INSTRUMENT (SID) - ICAO

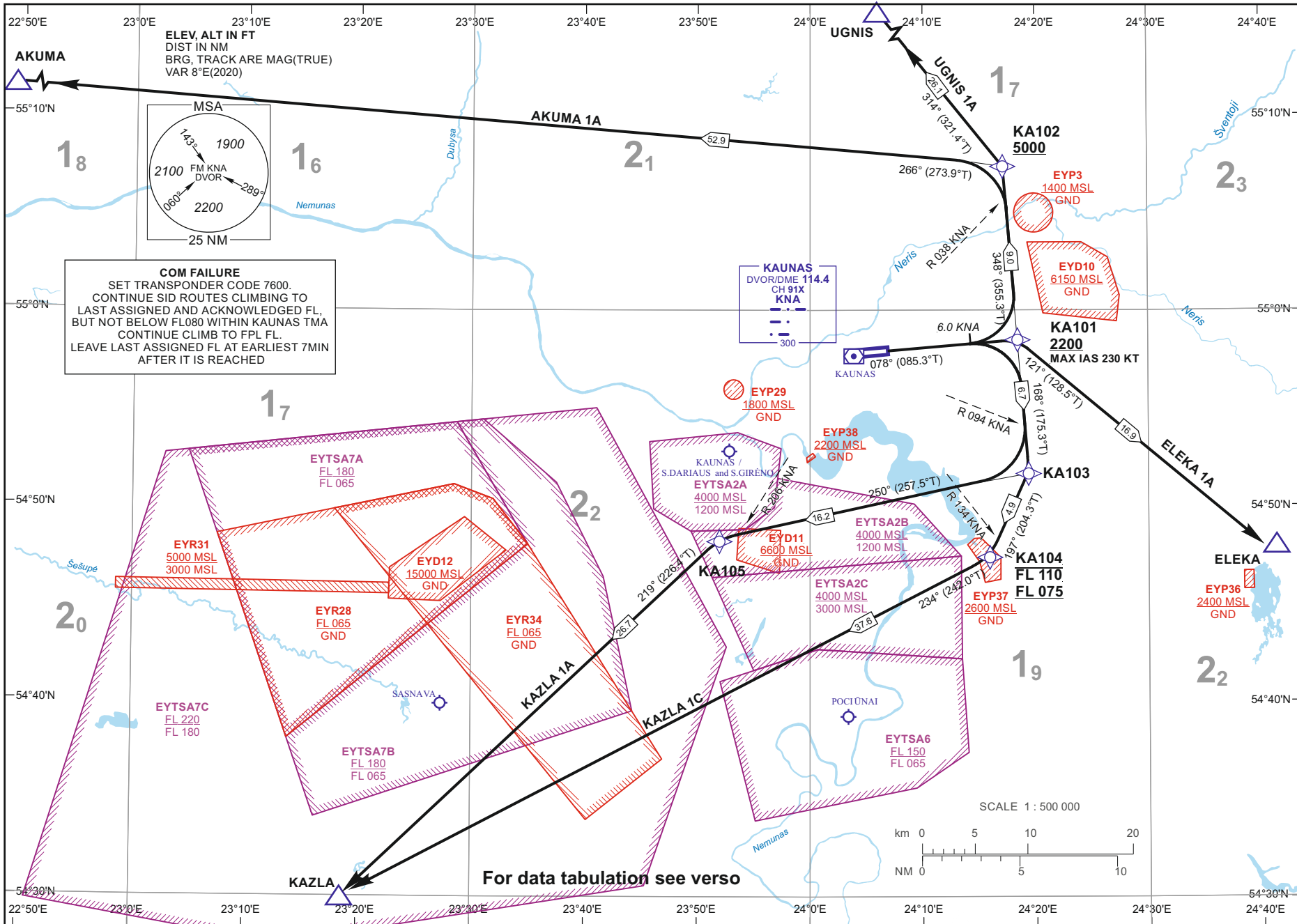
TRANSITION ALT 5000

TWR	124.205
ATIS	118.505
	129.055

KAZLA 1A, KAZLA 1C, UGNIS 1A

KAUNAS  
RWY 08

Changes: EYR31 added; AMA.



For data tabulation see verso

03 NOV 2022

©2019 ORO NAVIGACIJA

AIRAC AMDT 004/2022

**KAUNAS**  
**RNAV (GNSS, VOR/DME) OVERLAY**  
**SID RWY 08**

TABULAR DESCRIPTION

STANDARD INSTRUMENT DEPARTURE (SID) ROUTES

SID NAME	ROUTE
<b>AKUMA 1A</b>	Climb on course 078° to KNA DME 6.0 NM, then turn left on track 348°. Cross R-038 KNA (at 5000 FT MSL or above), turn left on track 266° and proceed to AKUMA.
<b>ELEKA 1A</b>	Climb on course 078° to KNA DME 6.0 NM, then turn right on track 121° and proceed to ELEKA.
<b>KAZLA 1A</b>	Climb on course 078° to KNA DME 6.0 NM, then turn right on track 168°. Cross R-094 KNA, turn right on track 250°. Cross R-206 KNA, turn left on track 219° and proceed to KAZLA.
<b>KAZLA 1C</b>	Climb on course 078° to KNA DME 6.0 NM, then turn right on track 168°. Cross R-094 KNA, turn right on track 197°. Cross R-134 (block level FL075 - FL110*), turn right on track 234° and proceed to KAZLA.
<b>UGNIS 1A</b>	Climb on course 078° to KNA DME 6.0 NM, then turn left on track 348°. Cross R-038 KNA (at 5000 FT MSL or above), turn left on track 314° and proceed to UGNIS.

RNAV SID WAY POINT CODING (All segments from KA101 – TF legs)

SID NAME	ROUTE
<b>AKUMA 1A</b>	KA101[A2200+; K230-] - KA102[A5000+] - AKUMA
<b>ELEKA 1A</b>	KA101[A2200+; K230-] - ELEKA
<b>KAZLA 1A</b>	KA101[A2200+; K230-] - KA103 - KA105 - KAZLA
<b>KAZLA 1C</b>	KA101[A2200+; K230-] - KA103 - KA104[F075+;F110-*] - KAZLA
<b>UGNIS 1A</b>	KA101[A2200+; K230-] - KA102[A5000+] - UGNIS

Remark: 1. After take-off climb to 4000 FT MSL. Unless otherwise specified by ATC.  
 2. Aircraft proceeding on SID shall use PDG 6.6% (400 FT/NM) up to 4000 FT MSL.  
 Aircraft unable to conform with this procedure shall inform ATC accordingly.

Note: \*Unless otherwise instructed by ATC

WAYPOINT COORDINATES		
FIX/POINTS	COORDINATES	RADIAL/DISTANCE
<b>KA101</b>	54 58 28.9N 024 18 25.7E	KNA R076.5/D8.4
<b>KA102</b>	55 07 26.3N 024 17 08.3E	KNA R030.0/D12.4
<b>KA103</b>	54 51 46.7N 024 19 23.6E	KNA R115.7/D10.6
<b>KA104</b>	54 47 21.6N 024 15 55.8E	KNA R138.5/D12.4
<b>KA105</b>	54 48 19.8N 023 52 00.7E	KNA R209.2/D11.6
<b>AKUMA</b>	55 11 37.8N 022 45 10.6E	KNA R280.2/D47.4
<b>ELEKA</b>	54 48 01.6N 024 41 20.1E	KNA R106.2/D23.6
<b>KAZLA</b>	54 29 59.3N 023 18 33.8E	KNA R216.3/D38.2
<b>UGNIS</b>	55 27 50.9N 023 48 44.5E	KNA R336.5/D31.5
<b>KNA</b>	54 57 37.4N 024 03 59.1E	

FOR DETAILED FLIGHT PROCEDURES REFER TO AIP EYKA AD 2.22

Changes: radial from KNA and BRG of SID's; REP KA5-- renamed to KA1--; KA102 coordinates; remark.

RNAV (GNSS, VOR/DME) OVERLAY  
STANDARD DEPARTURE CHART  
INSTRUMENT (SID) - ICAO

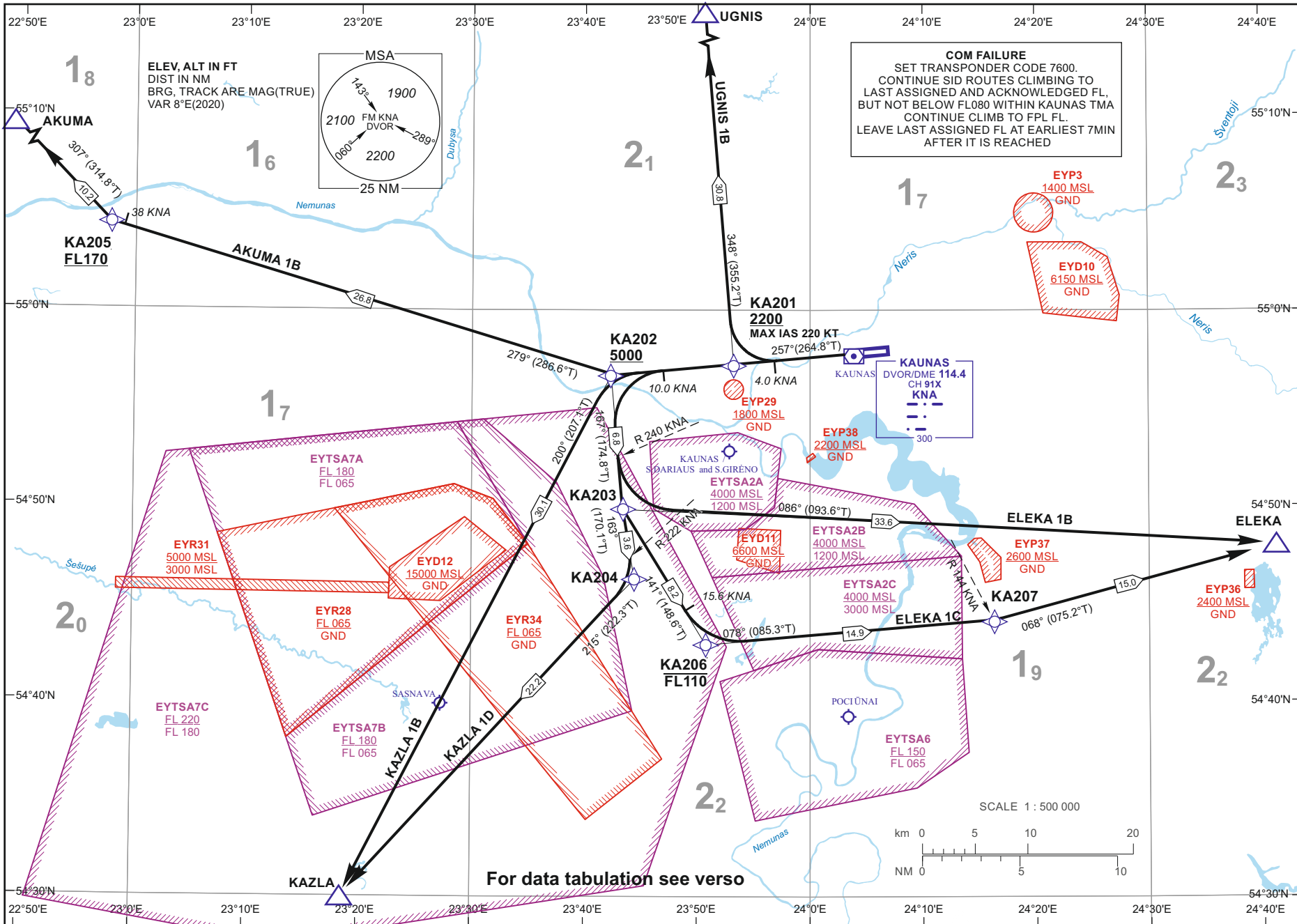
TRANSITION ALT 5000

TWR	124.205
ATIS	118.505
	129.055

**KAUNAS**  
RWY 26  
AKUMA 1B, ELEKA 1B, ELEKA 1C,  
KAZLA 1B, KAZLA 1D, UGNIS 1B

**COM FAILURE**  
SET TRANSPONDER CODE 7600.  
CONTINUE SID ROUTES CLIMBING TO  
LAST ASSIGNED AND ACKNOWLEDGED FL,  
BUT NOT BELOW FL080 WITHIN KAUNAS TMA  
CONTINUE CLIMB TO FPL FL.  
LEAVE LAST ASSIGNED FL AT EARLIEST 7MIN  
AFTER IT IS REACHED

**KAUNAS**  
DVOR/DME 114.4  
CH 91X  
KNA  
300



Changes: EYR31 added; AMA.

03 NOV 2022

©2019 ORO NAVIGACIJA

AIRAC AMDT 004/2022

**KAUNAS**  
**RNAV (GNSS, VOR/DME) OVERLAY**  
**SID RWY 26**

**TABULAR DESCRIPTION**

**STANDARD INSTRUMENT DEPARTURE (SID) ROUTES**

SID NAME	ROUTE
<b>AKUMA 1B</b>	Climb on course 257° to KNA DME 10.0 NM, then turn right on track 279°. At KNA DME 38 NM (at FL 170 or above), turn right on track 307° and proceed to AKUMA.
<b>ELEKA 1B</b>	Climb on course 257° to KNA DME 10.0 NM, then turn left on track 167°. Cross R-240 KNA, turn left on track 086° and proceed to ELEKA.
<b>ELEKA 1C</b>	Climb on course 257° to KNA DME 10.0 NM, then turn left on track 167°. Cross R-240 KNA, turn left on track 141°. At KNA DME 15.6 NM (at FL 110 or below*) turn left on track 078°. Cross R-144 KNA, turn left on track 068° and proceed to ELEKA.
<b>KAZLA 1B</b>	Climb on course 257° to KNA DME 10.0 NM, then turn left on track 200° and proceed to KAZLA.
<b>KAZLA 1D</b>	Climb on course 257° to KNA DME 10.0 NM, then turn left on track 167°. Cross R-240 KNA, turn left on track 163°. Cross R-222 KNA, turn right on track 215° and proceed to KAZLA.
<b>UGNIS 1B</b>	Climb on course 257° to KNA DME 4.0 NM, then turn right on track 348° and proceed to UGNIS.

**RNAV SID WAY POINT CODING** (All segments from KA201/KA202 – TF legs)

SID NAME	ROUTE
<b>AKUMA 1B</b>	KA202[A5000+] - KA205[F170+] - AKUMA
<b>ELEKA 1B</b>	KA202[A5000+] - KA203 - ELEKA
<b>ELEKA 1C</b>	KA202[A5000+] - KA203 - KA206[F110 -*] - KA207 - ELEKA
<b>KAZLA 1B</b>	KA202[A5000+] - KAZLA
<b>KAZLA 1D</b>	KA202[A5000+] - KA203 - KA204 - KAZLA
<b>UGNIS 1B</b>	KA201[A2200+; K220-] - UGNIS

Remark: 1. After take-off climb to 4000 FT MSL. Unless otherwise specified by ATC.  
 2. Aircraft proceeding on SID shall use PDG 6.6% (400 FT/NM) up to 4000 FT MSL.  
 Aircraft unable to conform with this procedure shall inform ATC accordingly.

Note: \*Unless otherwise instructed by ATC

WAYPOINT COORDINATES		
FIX/POINTS	COORDINATES	RADIAL/DISTANCE
<b>KA201</b>	54 57 14.2N 023 53 11.9E	KNA R259.0/D6.2
<b>KA202</b>	54 56 40.1N 023 42 17.7E	KNA R258.2/D12.5
<b>KA203</b>	54 49 54.8N 023 43 21.9E	KNA R229.6/D14.2
<b>KA204</b>	54 46 21.6N 023 44 26.5E	KNA R217.6/D16.0
<b>KA205</b>	55 04 26.0N 022 57 46.9E	KNA R273.1/D38.7
<b>KA206</b>	54 42 54.7N 023 50 45.6E	KNA R200.0/D16.6
<b>KA207</b>	54 44 10.1N 024 16 21.4E	KNA R144.4/D15.3
<b>AKUMA</b>	55 11 37.8N 022 45 10.6E	KNA R280.2/D47.4
<b>ELEKA</b>	54 48 01.6N 024 41 20.1E	KNA R106.2/D23.6
<b>KAZLA</b>	54 29 59.3N 023 18 33.8E	KNA R216.3/D38.2
<b>UGNIS</b>	55 27 50.9N 023 48 44.5E	KNA R336.5/D31.5
<b>KNA</b>	54 57 37.4N 024 03 59.1E	

FOR DETAILED FLIGHT PROCEDURES REFER TO AIP EYKA AD 2.22

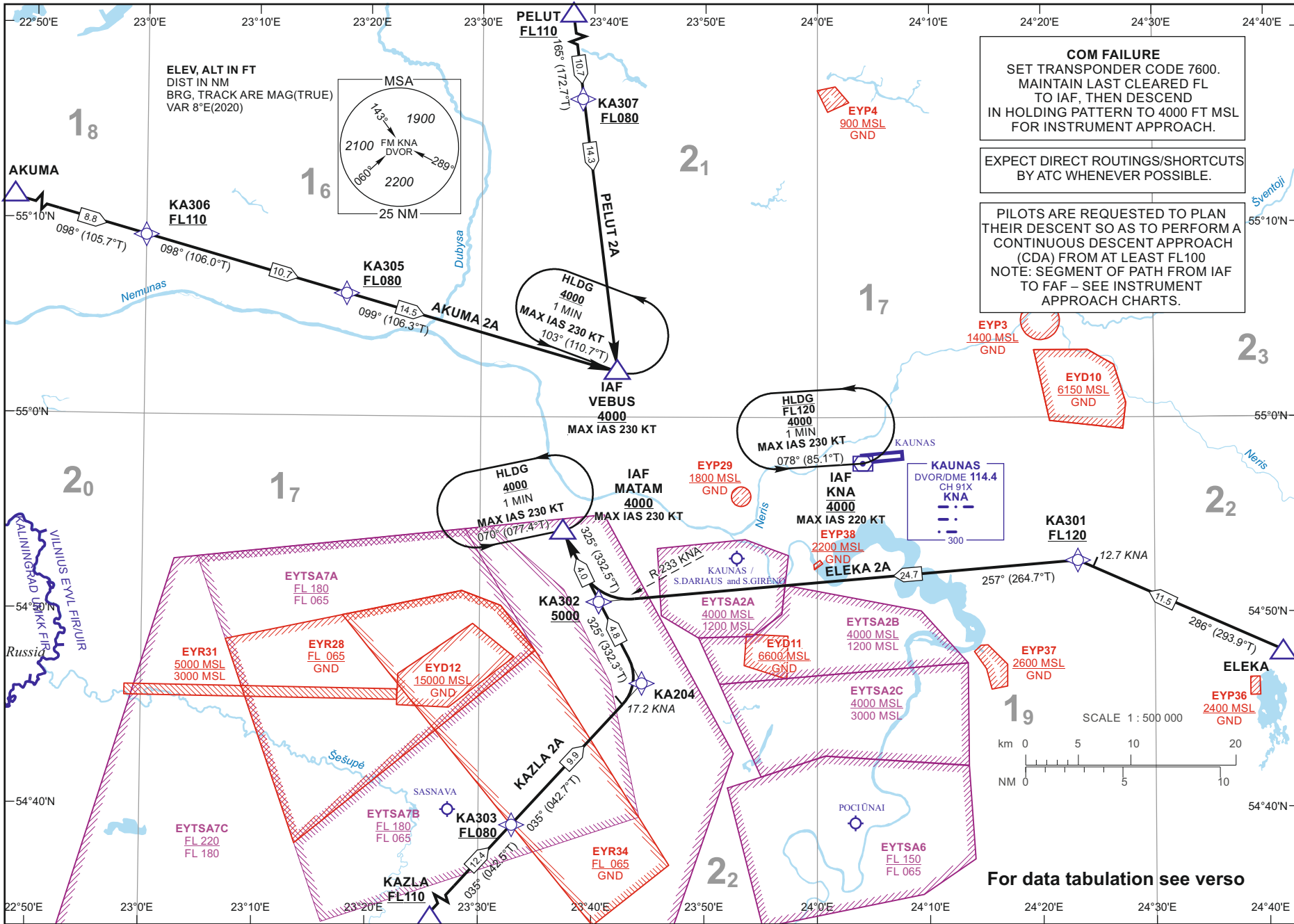
Changes: description of SID UGNIS 1B.

Changes: EYR31 added; AMA.

03 NOV 2022

©2019 ORO NAVIGACIJA

AIRAC AMDT 004/2022



**COM FAILURE**  
 SET TRANSPONDER CODE 7600.  
 MAINTAIN LAST CLEARED FL  
 TO IAF, THEN DESCEND  
 IN HOLDING PATTERN TO 4000 FT MSL  
 FOR INSTRUMENT APPROACH.

EXPECT DIRECT ROUTINGS/SHORTCUTS  
 BY ATC WHENEVER POSSIBLE.

PILOTS ARE REQUESTED TO PLAN  
 THEIR DESCENT SO AS TO PERFORM A  
 CONTINUOUS DESCENT APPROACH  
 (CDA) FROM AT LEAST FL100  
 NOTE: SEGMENT OF PATH FROM IAF  
 TO FAF - SEE INSTRUMENT  
 APPROACH CHARTS.

**RNAV (GNSS, VOR/DME) OVERLAY**  
**STANDARD ARRIVAL CHART**  
**INSTRUMENT (STAR) - ICAO**

TRANSITION ALT 5000  
 SPEED RESTRICTION TMA KAUNAS  
 MAX IAS 250 KT below FL100.

ATIS 129.055  
 TWR 124.205  
 118.505

AKUMA 2A, ELEKA 2A,  
 KAZLA 2A, PELUT 2A

AIP LITHUANIA

EYKA AD 2.24-12 - 1

For data tabulation see verso

**KAUNAS**  
**RNAV (GNSS, VOR/DME) OVERLAY**  
**STAR RWY 08**

TABULAR DESCRIPTION

STANDARD INSTRUMENT ARRIVAL (STAR) ROUTES

STAR NAME	ROUTE	FL/ALTITUDE RESTRICTIONS
<b>AKUMA 2A</b>	From AKUMA proceed on track 098°. At KNA DME 27.9 NM turn right on track 099° and proceed to IAF VEBUS.	Cross KNA DME 38.6 NM at FL110 or above. Cross KNA DME 27.9 NM at FL080 or above. Cross VEBUS at 4000 FT MSL or above.
<b>ELEKA 2A</b>	From ELEKA proceed on track 286°. At KNA DME 12.7 NM turn left on track 257°. Cross R-233 KNA turn right on track 325° and proceed to IAF MATAM.	Cross KNA DME 12.7 NM at FL120 or above. Cross R-233 KNA at 5000 FT MSL or above. Cross MATAM at 4000 FT MSL or above.
<b>KAZLA 2A</b>	From KAZLA proceed on track 035°. At KNA DME 17.2 NM turn left on track 325° and proceed to IAF MATAM.	Cross KAZLA at FL110 or above. Cross KNA DME 25.8 NM at FL080 or above. Cross R-233 KNA at 5000 FT MSL or above. Cross MATAM at 4000 FT MSL or above.
<b>PELUT 2A</b>	From PELUT on track 165° proceed to IAF VEBUS.	Cross PELUT at FL110 or above. Cross KNA DME 23.7 NM at FL080 or above. Cross VEBUS at 4000 FT MSL or above.

RNAV STAR WAY POINT CODING (All segments – TF legs)

STAR NAME	ROUTE
<b>AKUMA 2A</b>	AKUMA - KA306[F110+] - KA305[F080+] - IAF VEBUS[A4000+;K230-]
<b>ELEKA 2A</b>	ELEKA - KA301[F120+] - KA302[5000+] - IAF MATAM[A4000+;K230-]
<b>KAZLA 2A</b>	KAZLA[F110+] - KA303[F080+] - KA204 - KA302[5000+] - IAF MATAM[A4000+;K230-]
<b>PELUT 2A</b>	PELUT[F110+] - KA307[F080+] - IAF VEBUS[A4000+;K230-]

WAYPOINT COORDINATES

FIX/POINTS	COORDINATES	RADIAL/DISTANCE
<b>KA204</b>	54 46 21.6N 023 44 26.5E	KNA R217.6/D16.0
<b>KA301</b>	54 52 41.9N 024 23 10.9E	KNA R106.4/D12.1
<b>KA302</b>	54 50 33.9N 023 40 36.9E	KNA R235.0/D15.3
<b>KA303</b>	54 39 06.3N 023 32 54.8E	KNA R216.8/D25.8
<b>KA305</b>	55 06 20.4N 023 17 57.6E	KNA R281.0/D27.9
<b>KA306</b>	55 09 15.4N 023 00 01.4E	KNA R280.5/D38.6
<b>KA307</b>	55 16 27.3N 023 39 01.5E	KNA R315.4/D23.7
<b>AKUMA</b>	55 11 37.8N 022 45 10.6E	KNA R280.2/D47.4
<b>ELEKA</b>	54 48 01.6N 024 41 20.1E	KNA R106.2/D23.6
<b>KAZLA</b>	54 29 59.3N 023 18 33.8E	KNA R216.3/D38.2
<b>MATAM</b>	54 54 08.9N 023 37 22.7E	KNA R249.9/D15.7
<b>PELUT</b>	55 27 04.4N 023 36 37.1E	KNA R324.7/D33.4
<b>VEBUS</b>	55 02 19.2N 023 42 11.7E	KNA R283.2/D13.4
<b>KNA</b>	54 57 37.4N 024 03 59.1E	

FOR DETAILED FLIGHT PROCEDURES REFER TO AIP EYKA AD 2.22

Changes: description of STAR AKUMA 2A.

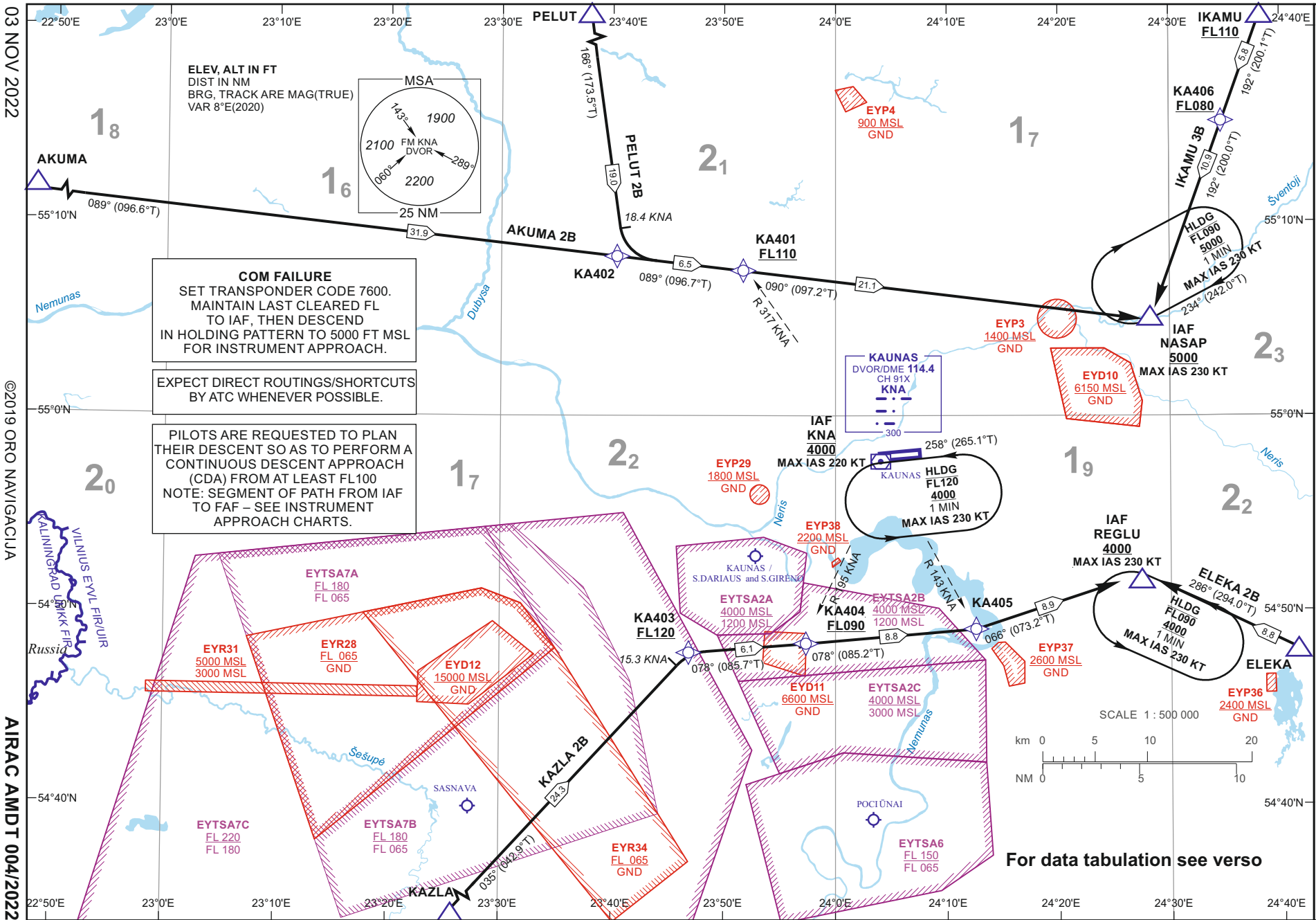
RNAV (GNSS, VOR/DME) OVERLAY  
STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 5000  
SPEED RESTRICTION TMA KAUNAS  
MAX IAS 250 KT below FL100.

ATIS 129.055  
TWR 124.205  
118.505

KAUNAS  
RWY 26  
IKAMU 3B, KAZLA 2B, PELUT 2B

Changes: EYR31 added; AMA.



**ELEV. ALT IN FT  
DIST IN NM  
BRG. TRACK ARE MAG(TRUE)  
VAR 8°E(2020)**

**MSA**  
143° 1900  
2100 FM KNA DVOR -289°  
060° 2200  
25 NM

**COM FAILURE**  
SET TRANSPONDER CODE 7600.  
MAINTAIN LAST CLEARED FL  
TO IAF, THEN DESCEND  
IN HOLDING PATTERN TO 5000 FT MSL  
FOR INSTRUMENT APPROACH.

EXPECT DIRECT ROUTINGS/SHORTCUTS  
BY ATC WHENEVER POSSIBLE.

PILOTS ARE REQUESTED TO PLAN  
THEIR DESCENT SO AS TO PERFORM A  
CONTINUOUS DESCENT APPROACH  
(CDA) FROM AT LEAST FL100  
NOTE: SEGMENT OF PATH FROM IAF  
TO FAF - SEE INSTRUMENT  
APPROACH CHARTS.

For data tabulation see verso

03 NOV 2022

©2019 ORO NAVIGACIJA

AIRAC AMDT 004/2022



**KAUNAS**  
**RNAV (GNSS, VOR/DME) OVERLAY**  
**STAR RWY 26**

**TABULAR DESCRIPTION**

**STANDARD INSTRUMENT ARRIVAL (STAR) ROUTES**

STAR NAME	ROUTE	FL/ALTITUDE RESTRICTIONS
<b>AKUMA 2B</b>	From AKUMA on track 089°. Cross R-317 KNA, turn right on track 090° and proceed to IAF NASAP.	Cross R-317 KNA at FL110 or above. Cross NASAP at 5000 FT MSL or above.
<b>ELEKA 2B</b>	From ELEKA on track 286° proceed to IAF REGLU.	Cross REGLU at 4000 FT MSL or above.
<b>IKAMU 3B</b>	From IKAMU on track 192° proceed to IAF NASAP.	Cross IKAMU at FL110 or above. Cross KNA DME 25 NM at FL080 or above. Cross NASAP at 5000 FT MSL or above.
<b>KAZLA 2B</b>	From KAZLA proceed on track 035°. At KNA DME 15.3 NM, turn right on track 078°. Cross R-143 KNA, turn left on track 066° and proceed to IAF REGLU.	Cross KNA DME 15.3 NM at FL120 or above. Cross R-195 KNA at FL090 or above. Cross REGLU at 4000 FT MSL or above.
<b>PELUT 2B</b>	From PELUT proceed on track 166°. At KNA DME 18.4. NM turn left on track 089°. Cross R-317 KNA, turn right on track 090° and proceed to IAF NASAP.	Cross R-317 KNA at FL110 or above. Cross NASAP at 5000 FT MSL or above.

**RNAV STAR WAY POINT CODING (All segments – TF legs)**

STAR NAME	ROUTE
<b>AKUMA 2B</b>	AKUMA - KA402 - KA401[F110+] - IAF NASAP[A5000+;K230-]
<b>ELEKA 2B</b>	ELEKA - IAF REGLU[A4000+;K230-]
<b>IKAMU 3B</b>	IKAMU[F110+] - KA406[F080+] - IAF NASAP[A5000+;K230-]
<b>KAZLA 2B</b>	KAZLA - KA403[F120+] - KA404[F090+] - KA405 - IAF REGLU[A4000+;K230-]
<b>PELUT 2B</b>	PELUT - KA402 - KA401[F110+] - IAF NASAP[A5000+;K230-]

**WAYPOINT COORDINATES**

FIX/POINTS	COORDINATES	RADIAL/DISTANCE
<b>KA401</b>	55 07 29.2N 023 51 43.1E	KNA R317.0/D12.1
<b>KA402</b>	55 08 14.1N 023 40 24.6E	KNA R300.7/D17.2
<b>KA403</b>	54 47 47.8N 023 46 53.8E	KNA R217.7/D13.9
<b>KA404</b>	54 48 15.8N 023 57 22.5E	KNA R194.7/D10.1
<b>KA405</b>	54 49 01.1N 024 12 35.3E	KNA R142.5/D10.0
<b>KA406</b>	55 15 11.1N 024 34 40.9E	KNA R037.3/D24.9
<b>AKUMA</b>	55 11 37.8N 022 45 10.6E	KNA R280.2/D47.4
<b>ELEKA</b>	54 48 01.6N 024 41 20.1E	KNA R106.2/D23.6
<b>IKAMU</b>	55 20 40.3N 024 38 12.5E	KNA R032.6/D30.3
<b>KAZLA</b>	54 29 59.3N 023 18 33.8E	KNA R216.3/D38.2
<b>NASAP</b>	55 04 57.2N 024 28 10.6E	KNA R054.5/D15.7
<b>PELUT</b>	55 27 04.4N 023 36 37.1E	KNA R324.7/D33.4
<b>REGLU</b>	54 51 37.2N 024 27 23.7E	KNA R106.3/D14.8
<b>KNA</b>	54 57 37.4N 024 03 59.1E	

FOR DETAILED FLIGHT PROCEDURES REFER TO AIP EYKA AD 2.22

Changes: description of STAR KAZLA 2B.

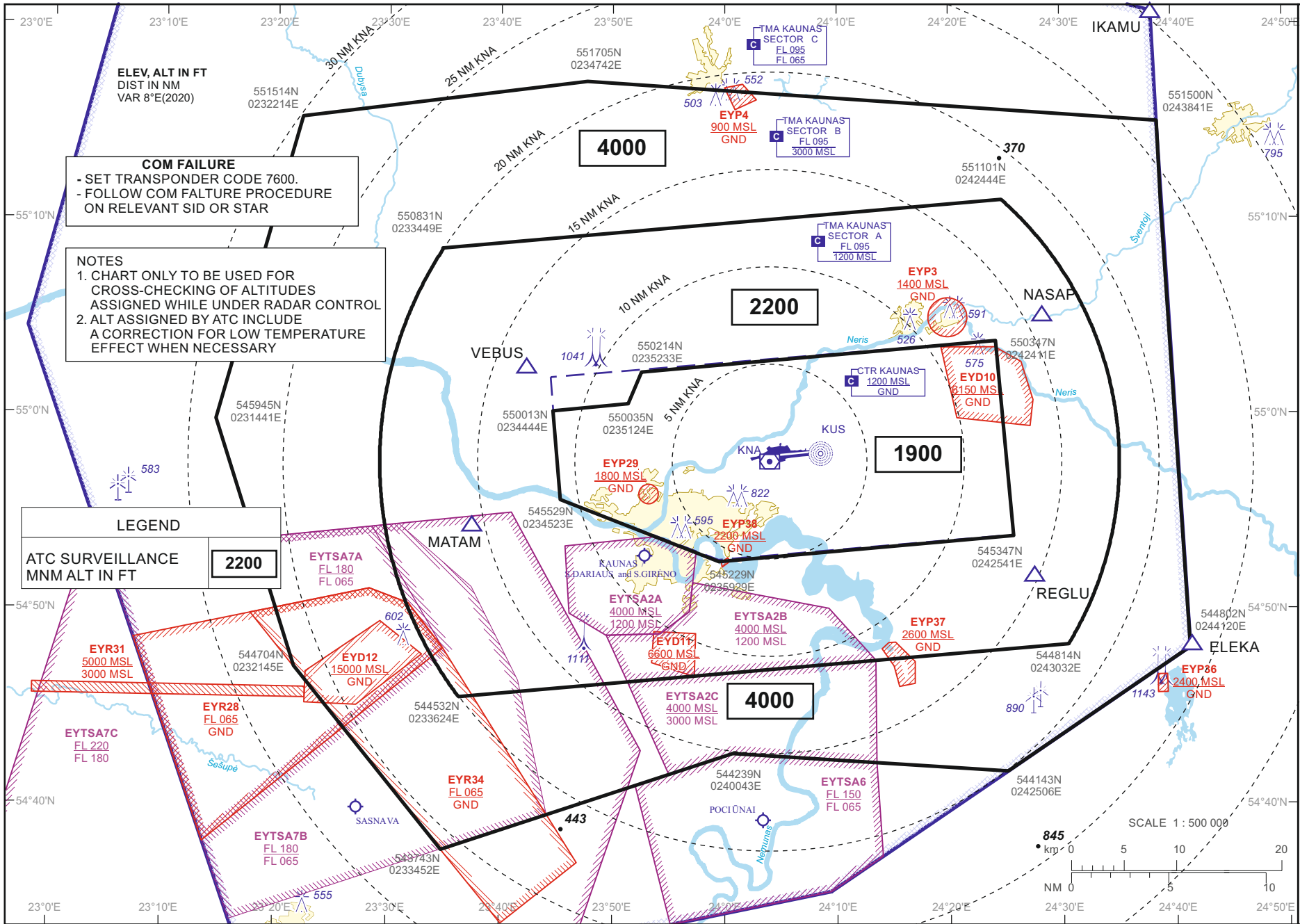
ATC SURVEILLANCE MINIMUM AERODROME ELEV 259  
ALTITUDE CHART — ICAO

TWR 124.205  
ATIS 118.505  
129.055

KAUNAS

TRANSITION ALT 5000

Changes: EYR31 added; obstacle added.



**COM FAILURE**  
 - SET TRANSPONDER CODE 7600.  
 - FOLLOW COM FAILURE PROCEDURE ON RELEVANT SID OR STAR

**NOTES**  
 1. CHART ONLY TO BE USED FOR CROSS-CHECKING OF ALTITUDES ASSIGNED WHILE RADAR CONTROL  
 2. ALT ASSIGNED BY ATC INCLUDE A CORRECTION FOR LOW TEMPERATURE EFFECT WHEN NECESSARY

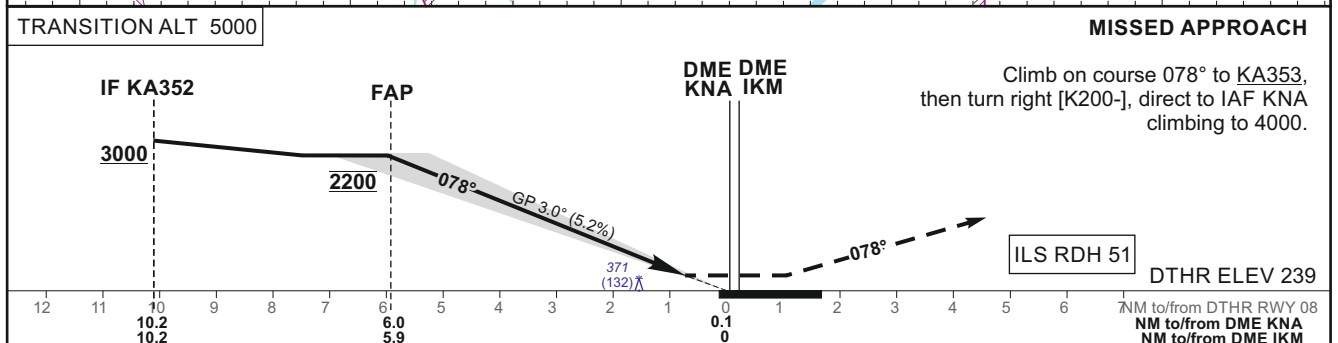
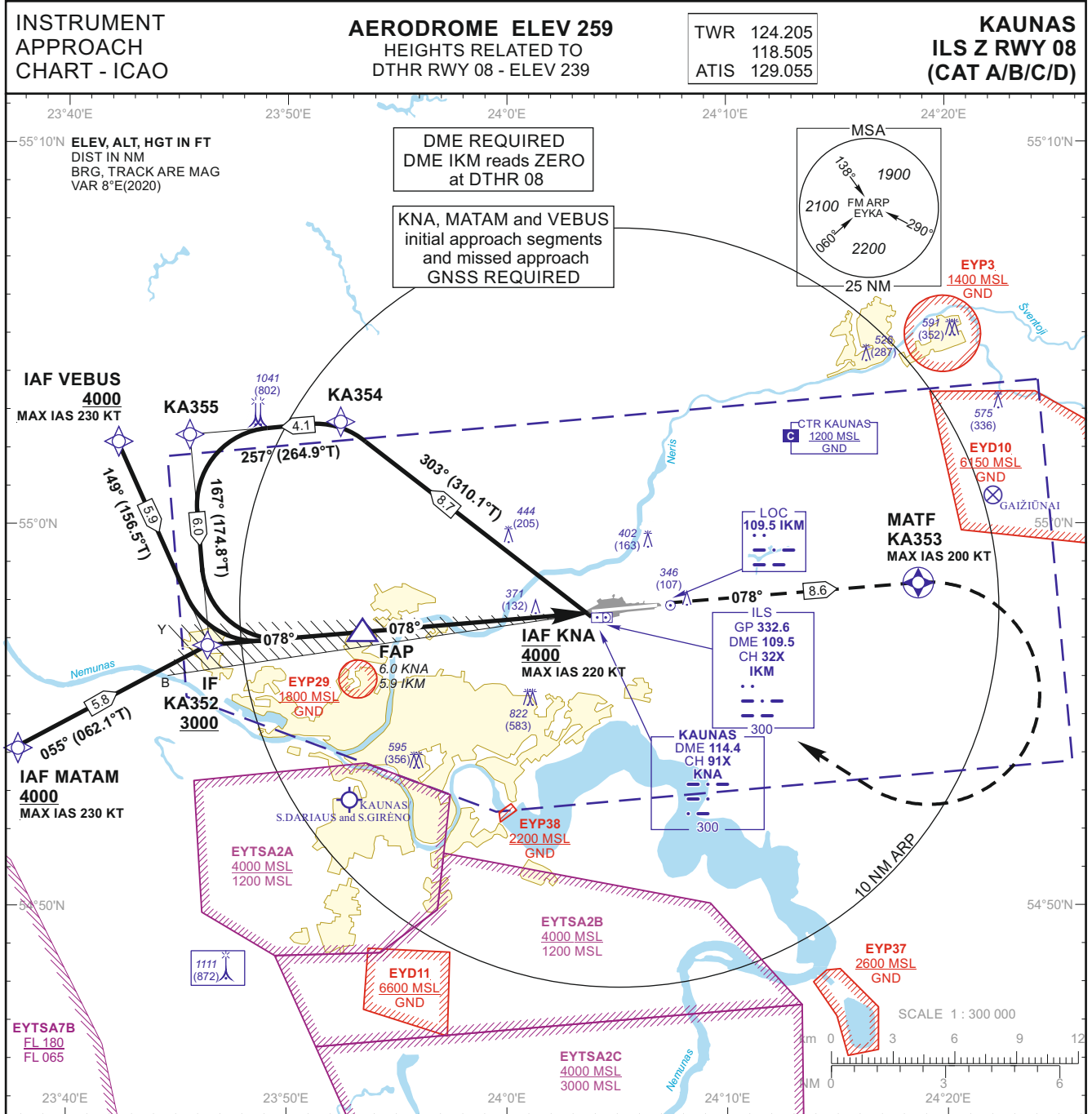
**LEGEND**  
 ATC SURVEILLANCE MNM ALT IN FT **2200**

03 NOV 2022

©2019 ORO NAVIGACIJA

AIRAC AMDT 004/2022

THIS PAGE INTENTIONALLY LEFT BLANK



OCA(OCH)	A	B	C	D	DIST DME IKM	5	4	3	2			
STRAIGHT-IN APPROACH	492 (253)	504 (265)	512 (273)	523 (284)	Altitude	1870	1560	1240	930			
					Height	(1631)	(1321)	(1001)	(691)			
CIRCLING	710 (450)	760 (500)	1230 (970)	not authorized								
					GS	Kts	80	100	120	140	160	180
					FAP-DTHR 5.9 NM	min:sec	4:25	3:32	2:57	2:32	2:13	1:58
					Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 08 - ELEV 239

TWR 124.205  
118.505  
ATIS 129.055

**KAUNAS**  
**ILS Z RWY 08**  
**(CAT A/B/C/D)**

## TABULAR DESCRIPTION

**IAF KNA, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	KNA	—	—	-7.5	—	—	@4000	-220	—	RNAV 1
002	TF	KA354	—	303(310.1)	-7.5	8.7	—	—	—	—	RNAV 1
003	TF	KA355	—	257(264.9)	-7.5	4.1	—	—	—	—	RNAV 1
004	TF	KA352	—	167(174.8)	-7.5	6.0	—	+3000	—	—	RNAV 1

**IAF MATAM, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	MATAM	—	—	-7.5	—	—	+4000	-230	—	RNAV 1
002	TF	KA352	—	055(062.1)	-7.5	5.8	—	+3000	—	—	RNAV 1

**IAF VEBUS, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	VEBUS	—	—	-7.5	—	—	+4000	-230	—	RNAV 1
002	TF	KA352	—	149(156.5)	-7.5	5.9	—	+3000	—	—	RNAV 1

**MISSED APPROACH**

001	—	RW08	—	—	-7.5	—	—	—	—	—	RNAV 1
002	CF	KA353	Y	078(085.27)	-7.5	8.60	—	—	-200	—	RNAV 1
003	DF	KNA	—	—	-7.5	—	R	@4000	-220	—	RNAV 1

FIX/POINTS	COORDINATES	FIX FORMATION
MATAM (IAF)	54 54 08.9N 023 37 22.7E	
VEBUS (IAF)	55 02 19.2N 023 42 11.7E	
KNA (IAF)	54 57 37.4N 024 03 59.1E	
KA354	55 03 12.8N 023 52 27.9E	
KA355	55 02 51.2N 023 45 21.8E	
KA352 (IF)	54 56 52.8N 023 46 18.3E	10.22 NM KNA ; BRG 077.57° / 10.15 NM IKM
FAP	54 57 15.6N 023 53 38.8E	5.97 NM KNA ; BRG 077.57° / 5.90 NM IKM
RW08 (DTHR)	54 57 46.44N 024 03 50.94E	
KA353 (MATF)	54 58 29.9N 024 18 43.4E	
DME IKM	54 57 42.8N 024 0408.4E	
LOC IKM	54 57 55.25N 024 06 49.06E	

Changes: new chart.



INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 08 - ELEV 239

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**ILS Y or LOC RWY 08**  
**(CAT A/B/C/D)**

TABULAR DESCRIPTION

ILS or LOC INSTRUMENT APPROACH from IAF(KNA)		
FIX/POINTS	COORDINATES	FIX FORMATION
KNA (IAF)	54 57 37.4N 024 03 59.1E	
IF	54 56 48.0N 023 44 45.0E	11.12 NM KNA ; BRG 077.57° / 11.06 NM IKM
FAF	54 57 14.8N 023 53 23.4E	6.12 NM KNA ; BRG 077.57° / 6.05 NM IKM
FAP	54 57 15.6N 023 53 38.8E	5.97 NM KNA ; BRG 077.57° / 5.90 NM IKM
MAPt	54 57 42.3N 024 02 28.0E	0.88 NM KNA ; BRG 077.57° / 0.80 NM IKM
DTHR RWY 08	54 57 46.44N 024 03 50.94E	
DME IKM	54 57 42.8N 024 04 08.4E	
LOC IKM	54 57 55.25N 024 06 49.06E	
Final approach (LOC) descent angle: 3.00°		

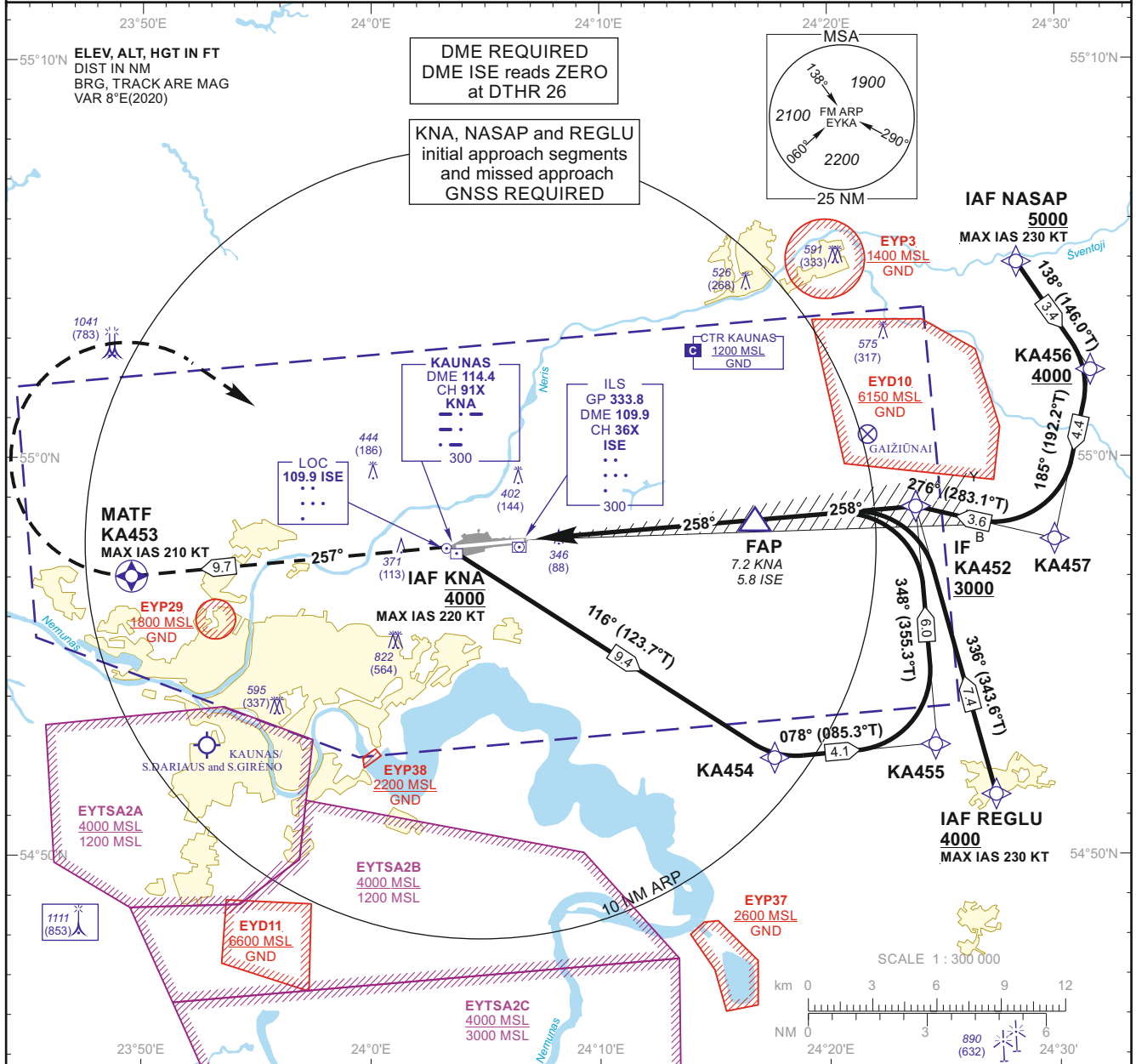
Changes: new chart.

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 26 - ELEV 258

TWR 124.205  
 ATIS 118.505  
 129.055

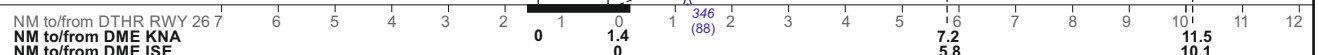
**KAUNAS ILS CAT II Z RWY 26 (CAT A/B/C/D)**



**MISSED APPROACH**

Climb on course 257° to KA453, then turn right [K210-], direct to IAF KNA climbing to 4000.

DTHR ELEV 258



OCA(OCH)	A	B	C	D	DIST DME ISE	5	4	3	2	
STRAIGHT-IN APPROACH	ILS CAT II	408 (150)	425 (167)	436 (178)	451 (193)	Altitude	1890	1580	1260	950
	ILS CAT I	496 (238)	508 (250)	516 (258)	526 (268)	Height	(1632)	(1322)	(1002)	(692)
CIRCLING	710 (450)	760 (500)	1230 (970)	not authorized						
GS		Kts	80	100	120	140	160	180		
FAP-DTHR 5.8 NM		min:sec	4:21	3:29	2:54	2:29	2:11	1:56		
Rate of descent (5.2%)		ft/min	415	520	625	730	835	940		

For data tabulation see verso

Changes: EYP37 and EYP38 added.



INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 26 - ELEV 258

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**ILS CAT II Z RWY 26**  
**(CAT A/B/C/D)**

## TABULAR DESCRIPTION

**IAF KNA, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	KNA	—	—	-7.5	—	—	@4000	-220	—	RNAV 1
002	TF	KA454	—	116(123.7)	-7.5	9.4	—	—	—	—	RNAV 1
003	TF	KA455	—	078(085.3)	-7.5	4.1	—	—	—	—	RNAV 1
004	TF	KA452	—	348(355.3)	-7.5	6.0	—	+3000	—	—	RNAV 1

**IAF NASAP, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	NASAP	—	—	-7.5	—	—	+5000	-230	—	RNAV 1
002	TF	KA456	—	138(146.0)	-7.5	3.4	—	+4000	—	—	RNAV 1
003	TF	KA457	—	185(192.2)	-7.5	4.4	—	—	—	—	RNAV 1
004	TF	KA452	—	276(283.1)	-7.5	3.6	—	+3000	—	—	RNAV 1

**IAF REGLU, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	REGLU	—	—	-7.5	—	—	+4000	-230	—	RNAV 1
002	TF	KA452	—	336(343.6)	-7.5	7.4	—	+3000	—	—	RNAV 1

**MISSED APPROACH**

001	—	RW26	—	—	-7.5	—	—	—	—	—	RNAV 1
002	CF	KA453	Y	257(264.87)	-7.5	9.7	—	—	-210	—	RNAV 1
003	DF	KNA	—	—	-7.5	—	R	@4000	-220	—	RNAV 1

FIX/POINTS	COORDINATES	FIX FORMATION
NASAP (IAF)	55 04 57.2N 024 28 10.6E	
REGLU (IAF)	54 51 37.2N 024 27 23.7E	
KNA (IAF)	54 57 37.4N 024 03 59.1E	
KA454	54 52 26.0N 024 17 33.7E	
KA455	54 52 46.2N 024 24 37.3E	
KA456	55 02 09.7N 024 31 27.3E	
KA457	54 57 55.1N 024 29 51.4E	
KA452 (IF)	54 58 44.2N 024 23 46.4E	11.46 NM KNA ; BRG 257.53° / 10.09 NM ISE
FAP	54 58 23.3N 024 16 25.6E	7.21 NM KNA ; BRG 257.53° / 5.84 NM ISE
RW26 (DTHR)	54 57 53.79N 024 06 19.46E	
KA453 (MATF)	54 57 03.0N 023 49 33.4E	
DME ISE	54 57 49.0N 024 06 00.1E	
LOC ISE	54 57 44.97N 024 03 21.54E	

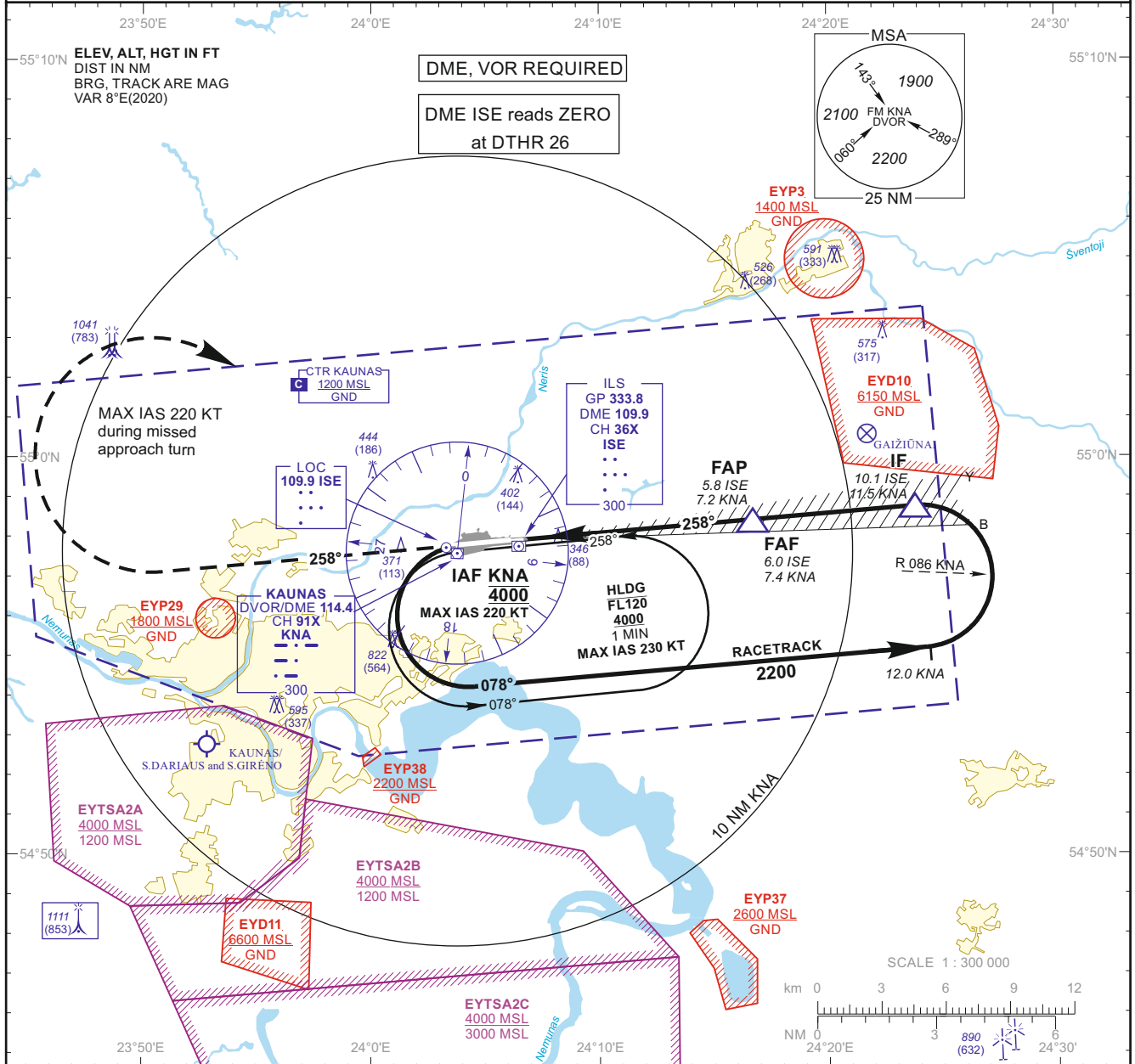
Changes: new chart.

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 26 - ELEV 258

TWR 124.205  
 118.505  
 ATIS 129.055

**KAUNAS ILS CAT II Y or LOC RWY 26 (CAT A/B/C/D)**

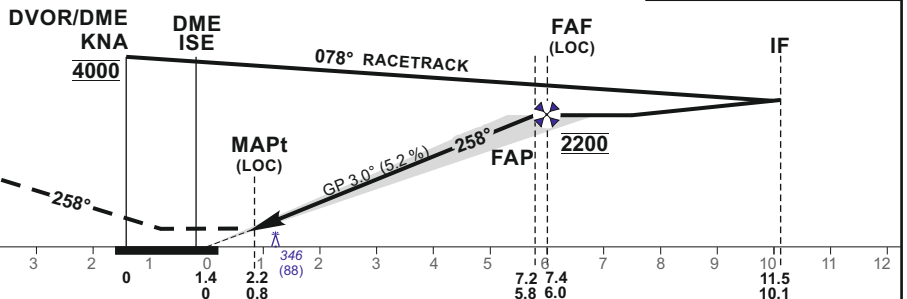


**MISSED APPROACH**

Climb on track 258° to 2200, then turn right (MAX IAS 220 KT) to KNA, climbing to 4000. Climb with 3.5% or more until passing 2200 due to airspace structure.

**ILS RDH 52**

DTHR ELEV 258



OCA(OCH)	A	B	C	D	DIST DME ISE	5	4	3	2				
STRAIGHT-IN APPROACH	408 (150)	425 (167)	436 (178)	451 (193)	Altitude	1890	1580	1260	950				
	496 (238)	508 (250)	516 (258)	526 (268)	Height	(1632)	(1322)	(1002)	(692)				
	LOC				LOC : timing not authorized for defining the MAPt								
CIRCLING	710 (450)	760 (500)	1230 (970)	not authorized	GS	Kts	80	100	120	140	160	180	
						FAP-MAPt 5.1 NM	min:sec	3:49	3:03	2:33	2:11	1:55	1:42
						Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 26 - ELEV 258

TWR	124.205
	118.505
ATIS	129.055

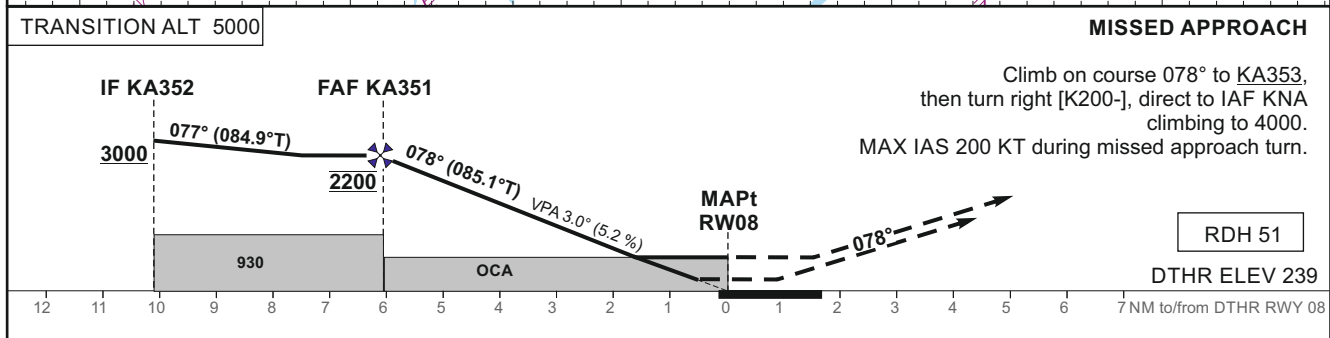
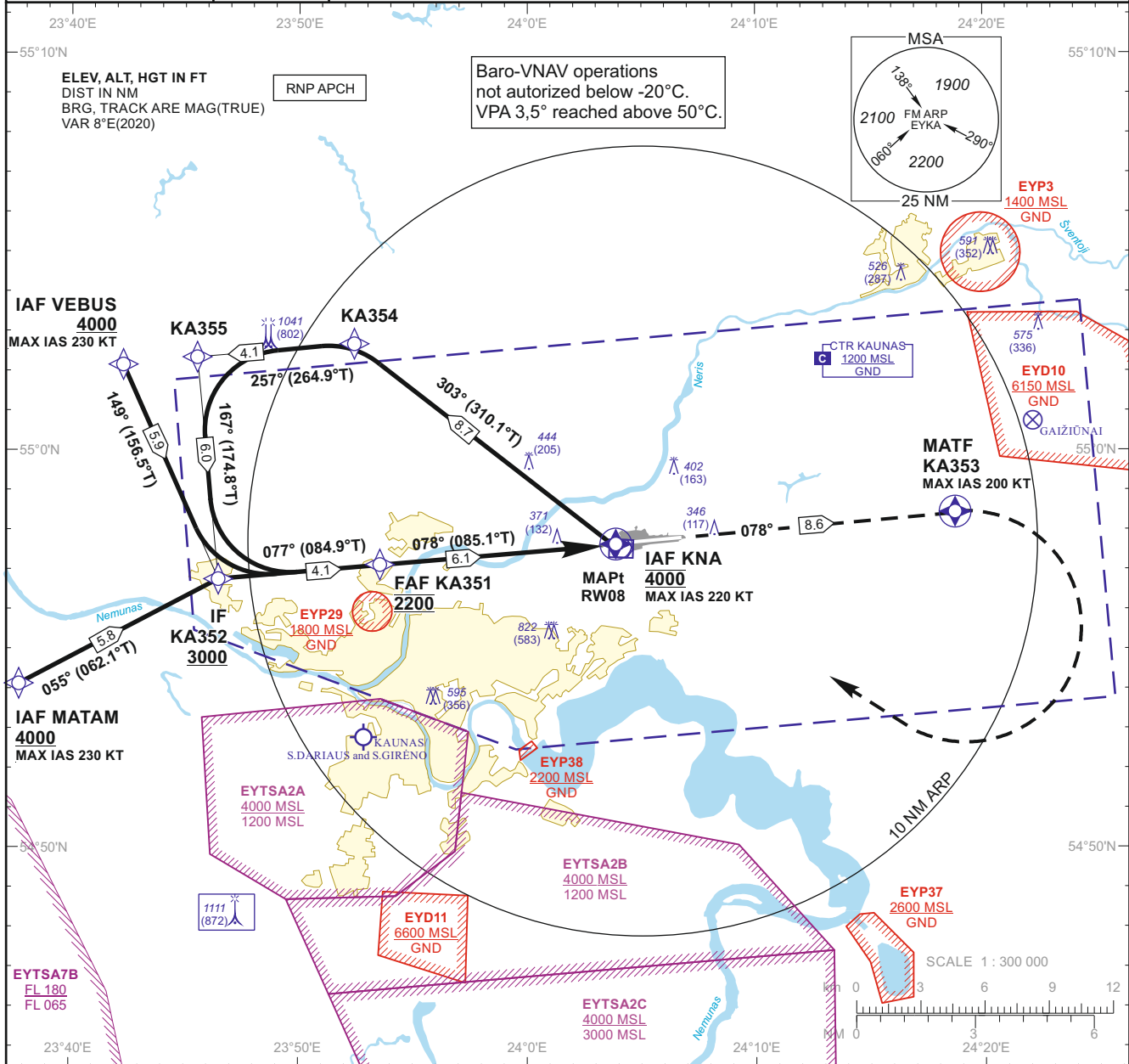
**KAUNAS**  
**ILS CAT II Y or LOC**  
**RWY 26 (CAT A/B/C/D)**

## TABULAR DESCRIPTION

ILS or LOC INSTRUMENT APPROACH from IAF(KNA)		
FIX/POINTS	COORDINATES	FIX FORMATION
KNA (IAF)	54 57 37.4N 024 03 59.1E	
IF	54 58 44.2N 024 23 46.4E	11.46 NM KNA ; BRG 257.53° / 10.09 NM ISE
FAF	54 58 24.0N 024 16 41.1E	7.36 NM KNA ; BRG 257.53° / 5.99 NM ISE
FAP	54 58 23.3N 024 16 25.6E	7.21 NM KNA ; BRG 257.53° / 5.84 NM ISE
MAPt	54 57 57.9N 024 07 42.5E	2.17 NM KNA ; BRG 257.53° / 0.80 NM ISE
DTHR RWY 26	54 57 53.79N 024 06 19.46E	
DME ISE	54 57 49.0N 024 06 00.1E	
LOC ISE	54 57 44.97N 024 03 21.54E	
Final approach (LOC) descent angle: 3.00°		

Changes: new chart.

<b>INSTRUMENT APPROACH CHART - ICAO</b>	<b>EGNOS CH 96325 E08A</b>	<b>AERODROME ELEV 259</b> HEIGHTS RELATED TO DTHR RWY 08 - ELEV 239	TWR 124.205 118.505 ATIS 129.055	<b>KAUNAS RNP RWY 08</b>
---	----------------------------	--	--	--------------------------



OCA(OCH)		A	B	C	D	DIST TO RWY08	5	4	3	2			
		STRAIGHT-IN APPROACH	LPV	511 (272)	524 (285)		532 (293)	542 (303)	Altitude	1870	1560	1240	930
	LNAV/VNAV	520 (280)	530 (290)	540 (300)	550 (310)	Timing not authorized for defining the MAPt							
	LNAV	630 (390)											
CIRCLING		710 (450)	760 (500)	1230 (970)	not authorized	GS	Kts	80	100	120	140	160	180
						FAF-MAPt 6.1 NM	min:sec	4:35	3:40	3:03	2:37	2:17	2:02
						Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added.

INSTRUMENT APPROACH CHART - ICAO	EGNOS CH 96325 E08A	AERODROME ELEV 259 HEIGHTS RELATED TO DTHR RWY 08 - ELEV 239	TWR 124.205	KAUNAS RNP RWY 08
			118.505	
			ATIS 129.055	

## TABULAR DESCRIPTION

## IAF KNA

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	KNA	—	—	-7.5	—	—	@4000	-220	—	RNP APCH
002	TF	KA354	—	303(310.1)	-7.5	8.7	—	—	—	—	RNP APCH
003	TF	KA355	—	257(264.9)	-7.5	4.1	—	—	—	—	RNP APCH
004	TF	KA352	—	167(174.8)	-7.5	6.0	—	+3000	—	—	RNP APCH

## IAF MATAM

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	MATAM	—	—	-7.5	—	—	+4000	-230	—	RNP APCH
002	TF	KA352	—	055(062.1)	-7.5	5.8	—	+3000	—	—	RNP APCH

## IAF VEBUS

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	VEBUS	—	—	-7.5	—	—	+4000	-230	—	RNP APCH
002	TF	KA352	—	149(156.5)	-7.5	5.9	—	+3000	—	—	RNP APCH

001	IF	KA352	—	—	-7.5	—	—	+3000	—	—	RNP APCH
002	TF	KA351	—	077(084.92)	-7.5	4.11	—	@2200	—	—	RNP APCH
003	TF	RW08	Y	078(085.06)	-7.5	6.05	—	@290	—	-3.00/51	RNP APCH
004	CF	KA353	Y	078(085.27)	-7.5	8.60	—	—	-200	—	RNP APCH
005	DF	KNA	—	—	-7.5	—	R	@4000	-220	—	RNP APCH

## WAYPOINT COORDINATES

FIX/POINTS	COORDINATES	FIX/POINTS	COORDINATES
MATAM (IAF)	54 54 08.9N 023 37 22.7E	KA352 (IF)	54 56 52.8N 023 46 18.3E
VEBUS (IAF)	55 02 19.2N 023 42 11.7E	FAP	54 57 15.6N 023 53 38.8E
KNA (IAF)	54 57 37.4N 024 03 59.1E	KA351 (FAF)	54 57 14.8N 023 53 23.9E
KA354	55 03 12.8N 023 52 27.9E	RW08 (MAPt)	54 57 46.4N 024 03 50.9E
KA355	55 02 51.2N 023 45 21.8E	KA353 (MATF)	54 58 29.9N 024 18 43.4E

INSTRUMENT APPROACH CHART - ICAO	EGNOS CH 96325 E08A	AERODROME ELEV 259 HEIGHTS RELATED TO DTHR RWY 08 - ELEV 239	TWR 124.205 118.505 ATIS 129.055	KAUNAS RNP RWY 08
--	---------------------------	--	--	-------------------------

**SBAS FAS Data Block  
Input Data**

Parameters	Values
Operation	0
SBAS Provider Identifier	1
Airport Identifier	EYKA
Runway Number	08
Runway Letter	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E08A
LTP/FTP Latitude	545746.4355N
LTP/FTP Longitude	0240350.9440E
LTP/FTP Height above ellipsoid (meters)	97.3
FPAP Latitude	545754.6170N
Delta FPAP Latitude (seconds)	8.1815
FPAP Longitude	0240636.2230E
Delta FPAP Longitude (seconds)	165.2790
Approach Threshold Crossing Height (TCH)	51.0
Approach TCH Units Selector	0
Glidepath Angle (GPA)	3.00
Course Width at threshold (meters)	105.00
Length Offset (meters)	0
Horizontal Alert Limit (HAL) (meters)	40.0
Vertical Alert Limit (VAL) (meters)	50.0
Final Approach Segment CRC	D5948071

**Output Data**

Data Block	10 01 0B 19 05 08 00 00 01 38 30 05 87 67 96 17 40 C4 53 0A CD 17 EB 3F 00 3E 0B 05 FE 01 2C 01 64 00 C8 FA D5 94 80 71
------------	--

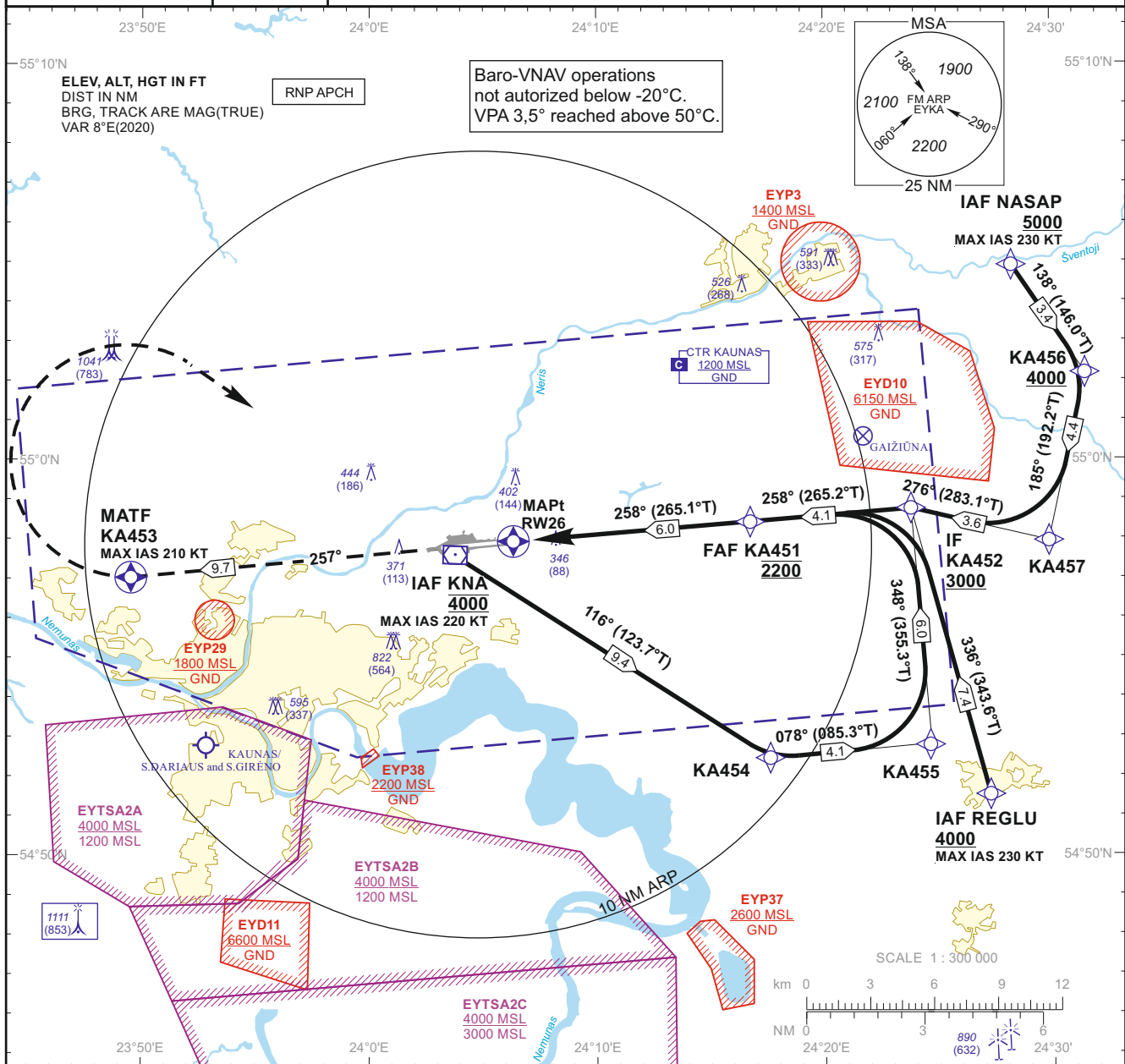
**Required Additional Data (not CRC wrapped)**

ICAO Code	EY
LTP/FTP Orthometric Height (meters)	72.7
FPAP Orthometric Height (meters)	78.9

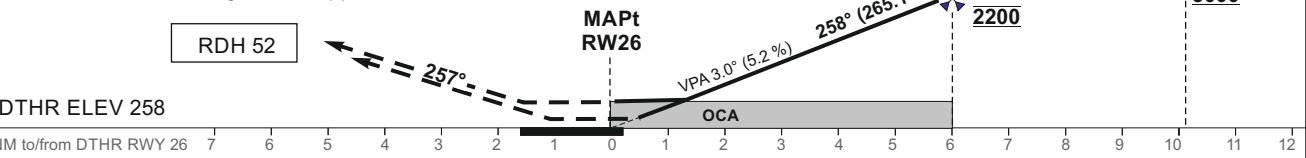
Changes: FPAP data and final approach segment CRC; chart number.

THIS PAGE INTENTIONALLY LEFT BLANK

<b>INSTRUMENT APPROACH CHART - ICAO</b>	<b>EGNOS CH 54506 E26A</b>	<b>AERODROME ELEV 259</b> HEIGHTS RELATED TO DTHR RWY 26 - ELEV 258	TWR 124.205 118.505 ATIS 129.055	<b>KAUNAS RNP RWY 26</b>
---	----------------------------	--	--	--------------------------



Climb on course 257° to KA453, then turn right [K210-], direct to IAF KNA climbing to 4000. MAX IAS 210 KT during missed approach turn.



OCA(OCH)		A	B	C	D	DIST TO RW26	5	4	3	2			
		STRAIGHT-IN APPROACH	LPV	508 (250)	520 (262)		529 (271)	539 (281)	Altitude	1890	1580	1260	950
	LNAV/VNAV	510 (250)	520 (270)	530 (280)	540 (290)	Timing not authorized for defining the MAPt							
	LNAV	630 (370)											
CIRCLING		710 (450)	760 (500)	1230 (970)	not authorized	GS	Kts	80	100	120	140	160	180
						FAF-MAPt 6.0 NM	min:sec	4:30	3:36	3:00	2:34	2:15	2:00
						Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added.



INSTRUMENT  
APPROACH  
CHART - ICAOEGNOS  
CH 54506  
E26AAERODROME ELEV 259  
HEIGHTS RELATED TO  
DTHR RWY 26 - ELEV 258TWR 124.205  
118.505  
ATIS 129.055KAUNAS  
RNP  
RWY 26

## TABULAR DESCRIPTION

## IAF KNA

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	KNA	—	—	-7.5	—	—	@4000	-220	—	RNP APCH
002	TF	KA454	—	116(123.7)	-7.5	9.4	—	—	—	—	RNP APCH
003	TF	KA455	—	078(085.3)	-7.5	4.1	—	—	—	—	RNP APCH
004	TF	KA452	—	348(355.3)	-7.5	6.0	—	+3000	—	—	RNP APCH

## IAF NASAP

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	NASAP	—	—	-7.5	—	—	+5000	-230	—	RNP APCH
002	TF	KA456	—	138(146.0)	-7.5	3.4	—	+4000	—	—	RNP APCH
003	TF	KA457	—	185(192.2)	-7.5	4.4	—	—	—	—	RNP APCH
004	TF	KA452	—	276(283.1)	-7.5	3.6	—	+3000	—	—	RNP APCH

## IAF REGLU

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	REGLU	—	—	-7.5	—	—	+4000	-230	—	RNP APCH
002	TF	KA452	—	336(343.6)	-7.5	7.4	—	+3000	—	—	RNP APCH
001	IF	KA452	—	—	-7.5	—	—	+3000	—	—	RNP APCH
002	TF	KA451	—	258(265.24)	-7.5	4.11	—	@2200	—	—	RNP APCH
003	TF	RW26	Y	258(265.10)	-7.5	5.98	—	@310	—	-3.00/52	RNP APCH
004	CF	KA453	Y	257(264.87)	-7.5	9.7	—	—	-210	—	RNP APCH
005	DF	KNA	—	—	-7.5	—	R	@4000	-220	—	RNP APCH

## WAYPOINT COORDINATES

FIX/POINTS	COORDINATES	FIX/POINTS	COORDINATES
NASAP (IAF)	55 04 57.2N 024 28 10.6E	KA457	54 57 55.1N 024 29 51.4E
REGLU (IAF)	54 51 37.2N 024 27 23.7E	KA452 (IF)	54 58 44.2N 024 23 46.4E
KNA (IAF)	54 57 37.4N 024 03 59.1E	FAP	54 58 23.3N 024 16 25.6E
KA454	54 52 26.0N 024 17 33.7E	KA451 (FAF)	54 58 24.0N 024 16 40.2E
KA455	54 52 46.2N 024 24 37.3E	RW26 (MAPt)	54 57 53.8N 024 06 19.5E
KA456	55 02 09.7N 024 31 27.3E	KA453 (MATF)	54 57 03.0N 023 49 33.4E

INSTRUMENT APPROACH CHART - ICAO	EGNOS CH 54506 E26A	AERODROME ELEV 259 HEIGHTS RELATED TO DTHR RWY 26 - ELEV 258	TWR 124.205 118.505 ATIS 129.055	KAUNAS RNP RWY 26
--	---------------------------	--	--	-------------------------

**SBAS FAS Data Block  
Input Data**

Parameters	Values
Operation	0
SBAS Provider Identifier	1
Airport Identifier	EYKA
Runway Number	26
Runway Letter	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E26A
LTP/FTP Latitude	545753.7900N
LTP/FTP Longitude	0240619.4615E
LTP/FTP Height above ellipsoid (meters)	103.2
FPAP Latitude	545745.6035N
Delta FPAP Latitude (seconds)	-8.1865
FPAP Longitude	0240334.2075E
Delta FPAP Longitude (seconds)	-165.2540
Approach Threshold Crossing Height (TCH)	52.0
Approach TCH Units Selector	0
Glidepath Angle (GPA)	3.00
Course Width at threshold (meters)	105.00
Length Offset (meters)	0
Horizontal Alert Limit (HAL) (meters)	40.0
Vertical Alert Limit (VAL) (meters)	50.0
Final Approach Segment CRC	4892C3A9

**Output Data**

Data Block	10 01 0B 19 05 1A 00 00 01 36 32 05 FC A0 96 17 8B 4C 58 0A 08 18 0B C0 FF F4 F4 FA 08 02 2C 01 64 00 C8 FA 48 92 C3 A9
------------	--

**Required Additional Data (not CRC wrapped)**

ICAO Code	EY
LTP/FTP Orthometric Height (meters)	78.7
FPAP Orthometric Height (meters)	71.4

Changes: FPAP data and final approach segment CRC; chart number.

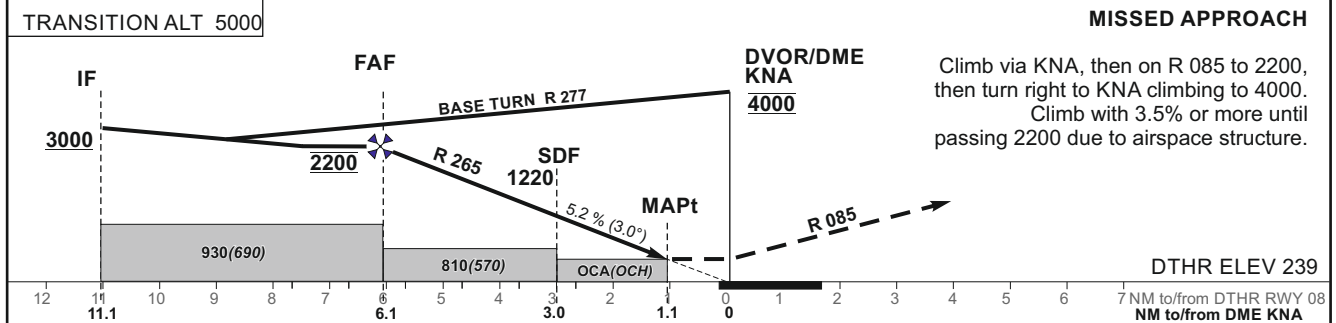
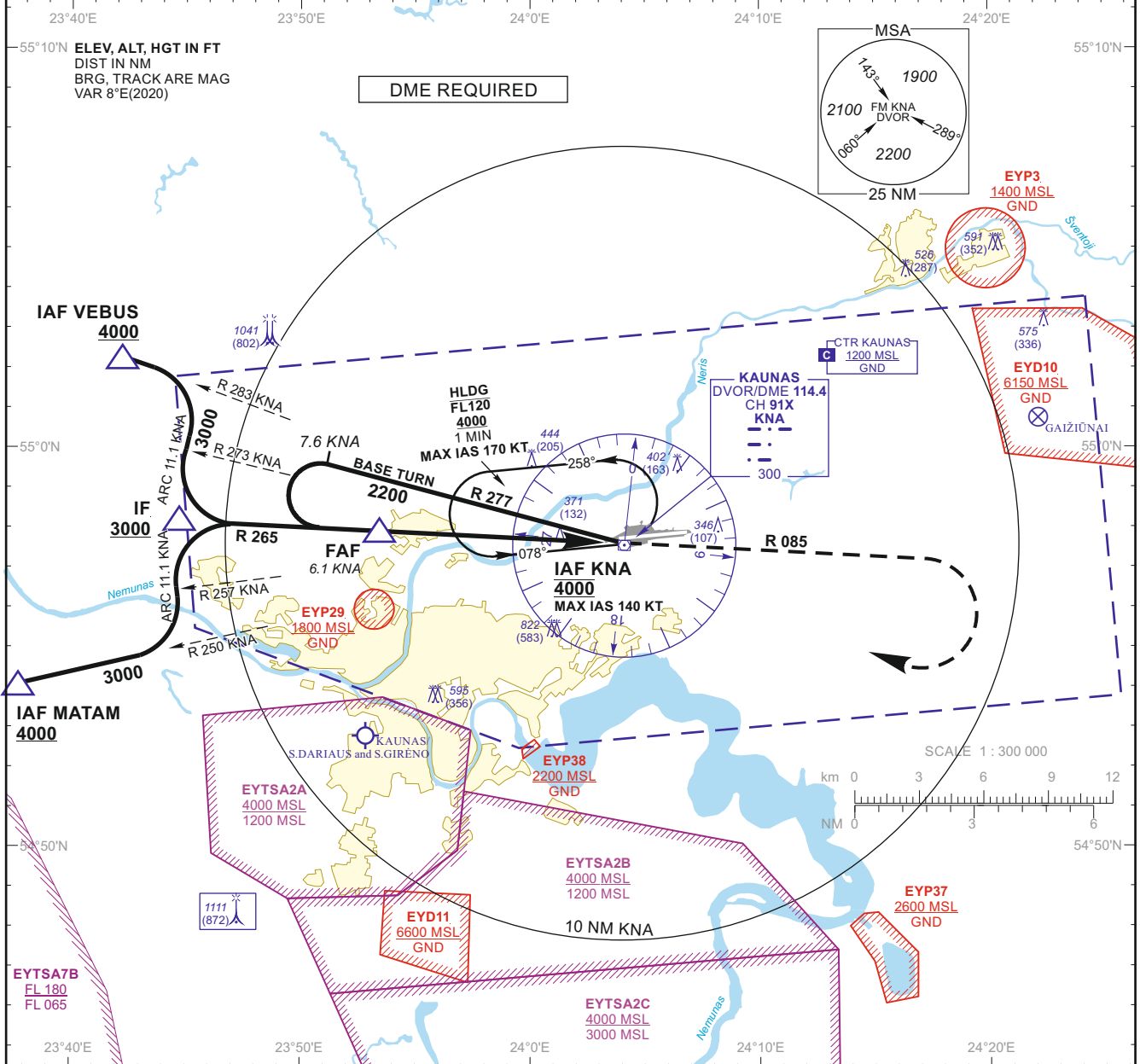
THIS PAGE INTENTIONALLY LEFT BLANK

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 08 - ELEV 239

TWR 124.205  
 118.505  
 ATIS 129.055

**KAUNAS**  
**VOR Z RWY 08**  
**(CAT A/B)**



OCA(OCH)	STRAIGHT-IN APPROACH	A		B		DIST DME KNA							
		VOR	780 (540)	810 (570)	710 (450)	760 (500)	5	4	3	2			
	VOR					Altitude	1850	1530	1220	900			
	VOR (when SDF not received)					Height	(1611)	(1291)	(981)	(661)			
	CIRCLING					Timing not authorized for defining the MAPt							
						GS	Kts	80	100	120	140	160	180
						FAF - MAPt 5.0 NM	min:sec	3:45	3:00	2:30	2:09	1:53	1:40
						Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added; speed on IAF MATAM and VEBUS withdrawn.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 08 - ELEV 239

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**VOR Z RWY 08**  
**(CAT A/B)**

TABULAR DESCRIPTION

VOR INSTRUMENT APPROACH from IAFs(KNA, MATAM, VEBUS)		
FIX/POINTS	COORDINATES	FIX FORMATION
MATAM (IAF)	54 54 08.9N 023 37 22.7E	BRG 069.87° / 15.74 NM KNA
VEBUS (IAF)	55 02 19.2N 023 42 11.7E	BRG 103.17° / 13.40 NM KNA
KNA (IAF)	54 57 37.4N 024 03 59.1E	
IF	54 58 10.8N 023 44 41.9E	BRG 085.47° / 11.13 NM KNA
FAF	54 57 56.2N 023 53 22.0E	BRG 085.47° / 6.13 NM KNA
SDF	54 57 46.7N 023 58 47.8E	BRG 085.47° / 3.00 NM KNA
MAPt	54 57 41.0N 024 02 00.9E	BRG 085.47° / 1.14 NM KNA
DTHR RWY 08	54 57 46.44N 024 03 50.94E	
Final approach descent angle: 3.00°		

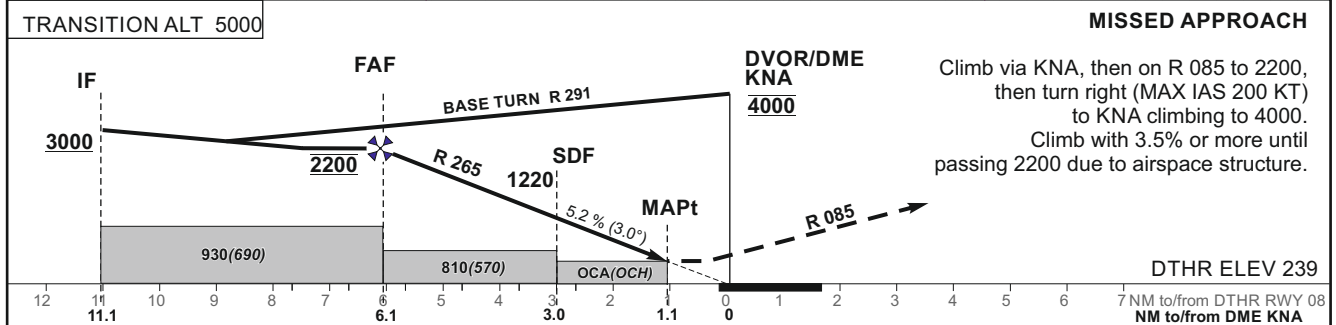
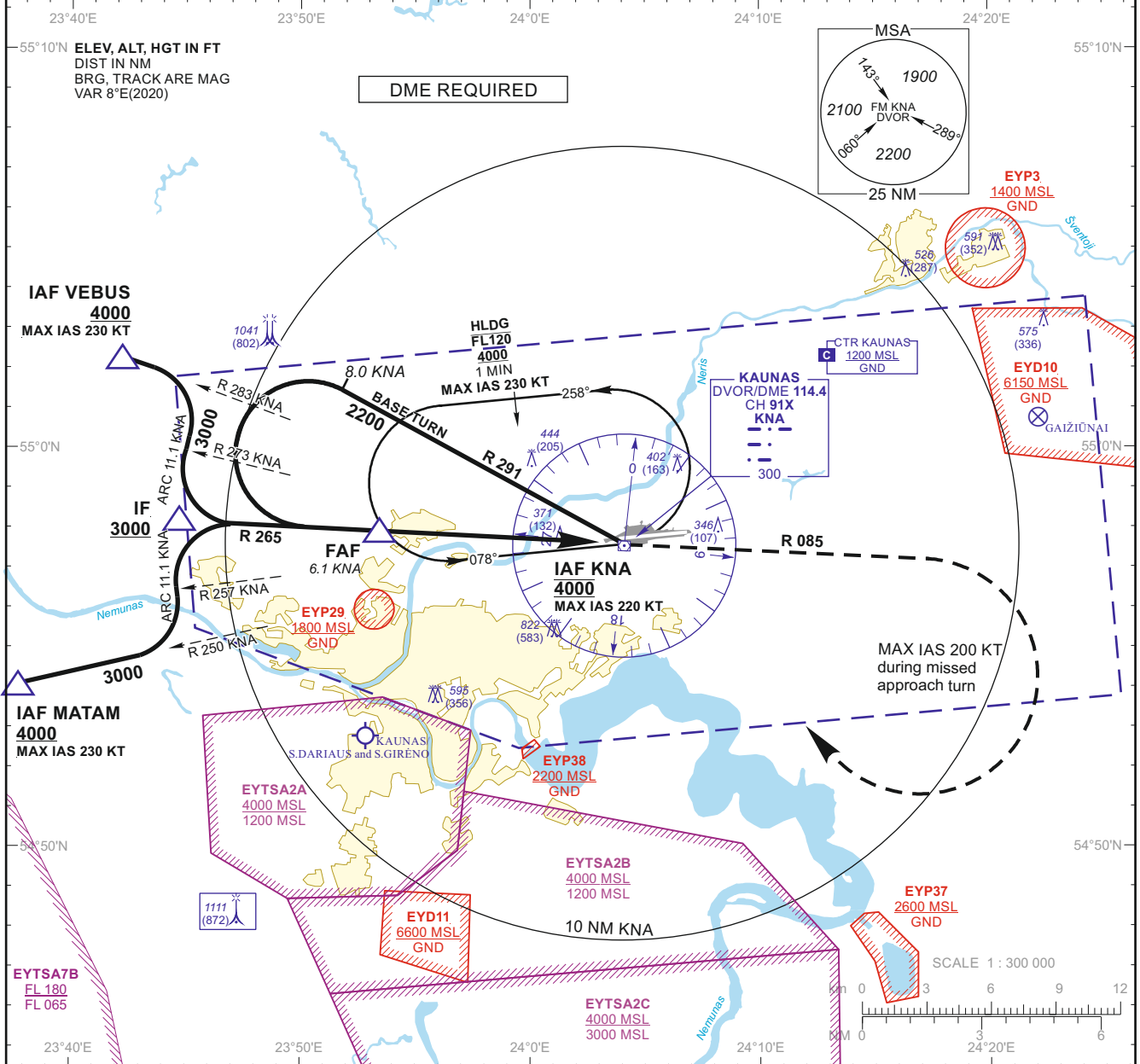
Changes: new chart.

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO DTHR RWY 08 - ELEV 239

TWR 124.205  
 118.505  
 ATIS 129.055

**KAUNAS VOR Y RWY 08 (CAT C/D)**



<b>OCA(OCH)</b>		<b>C</b>	<b>D</b>	<b>DIST DME KNA</b>				5	4	3	2
STRAIGHT-IN APPROACH	VOR	780 (540)		Altitude				1850	1530	1220	900
	VOR (when SDF not received)	810 (570)		Height				(1611)	(1291)	(981)	(661)
CIRCLING		1230 (970)	not authorized	Timing not authorized for defining the MAPt							
		GS	Kts	80	100	120	140	160	180		
		FAF - MAPt 5.0 NM	min:sec	3:45	3:00	2:30	2:09	1:53	1:40		
		Rate of descent (5.2%)	ft/min	415	520	625	730	835	940		
For data tabulation see verso											

Changes: EYP37 and EYP38 added.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 08 - ELEV 239

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**VOR Y RWY 08**  
**(CAT C/D)**

TABULAR DESCRIPTION

VOR INSTRUMENT APPROACH from IAFs(KNA, MATAM, VEBUS)		
FIX/POINTS	COORDINATES	FIX FORMATION
MATAM (IAF)	54 54 08.9N 023 37 22.7E	BRG 069.87° / 15.74 NM KNA
VEBUS (IAF)	55 02 19.2N 023 42 11.7E	BRG 103.17° / 13.40 NM KNA
KNA (IAF)	54 57 37.4N 024 03 59.1E	
IF	54 58 10.8N 023 44 41.9E	BRG 085.47° / 11.13 NM KNA
FAF	54 57 56.2N 023 53 22.0E	BRG 085.47° / 6.13 NM KNA
SDF	54 57 46.7N 023 58 47.8E	BRG 085.47° / 3.00 NM KNA
MAPt	54 57 41.0N 024 02 00.9E	BRG 085.47° / 1.14 NM KNA
DTHR RWY 08	54 57 46.44N 024 03 50.94E	
Final approach descent angle: 3.00°		

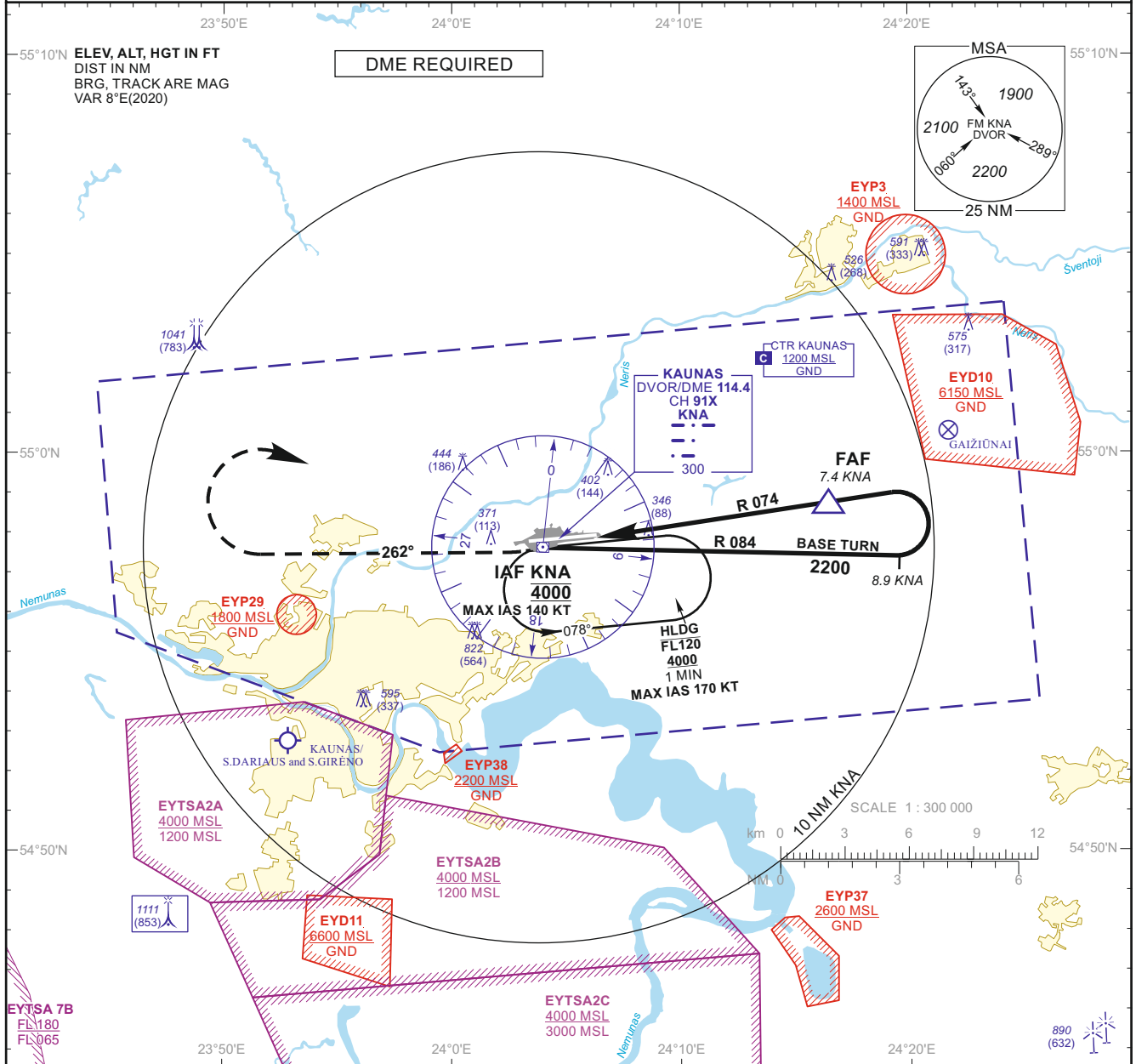
Changes: new chart.

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 26 - ELEV 258

TWR 124.205  
 118.505  
 ATIS 129.055

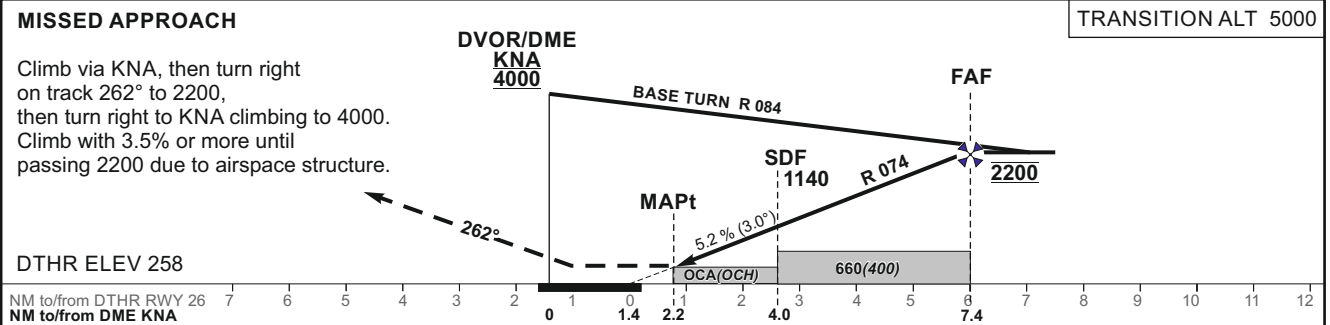
**KAUNAS**  
**VOR Z RWY 26**  
**(CAT A/B)**



**MISSED APPROACH**

Climb via KNA, then turn right on track 262° to 2200, then turn right to KNA climbing to 4000. Climb with 3.5% or more until passing 2200 due to airspace structure.

DTHR ELEV 258



OCA(OCH)	A	B	DIST DME KNA							
STRAIGHT-IN APPROACH	VOR	630 (370)	Altitude							
	VOR (when SDF not received)	660 (400)	Height							
CIRCLING	710 (450)	760 (500)	Timing not authorized for defining the MAPt							
			GS	Kts	80	100	120	140	160	180
			FAF - MAPt	5.2 NM	min:sec	3:54	3:07	2:36	2:14	1:57
			Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added.



INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 26 - ELEV 258

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**VOR Z RWY 26**  
**(CAT A/B)**

TABULAR DESCRIPTION

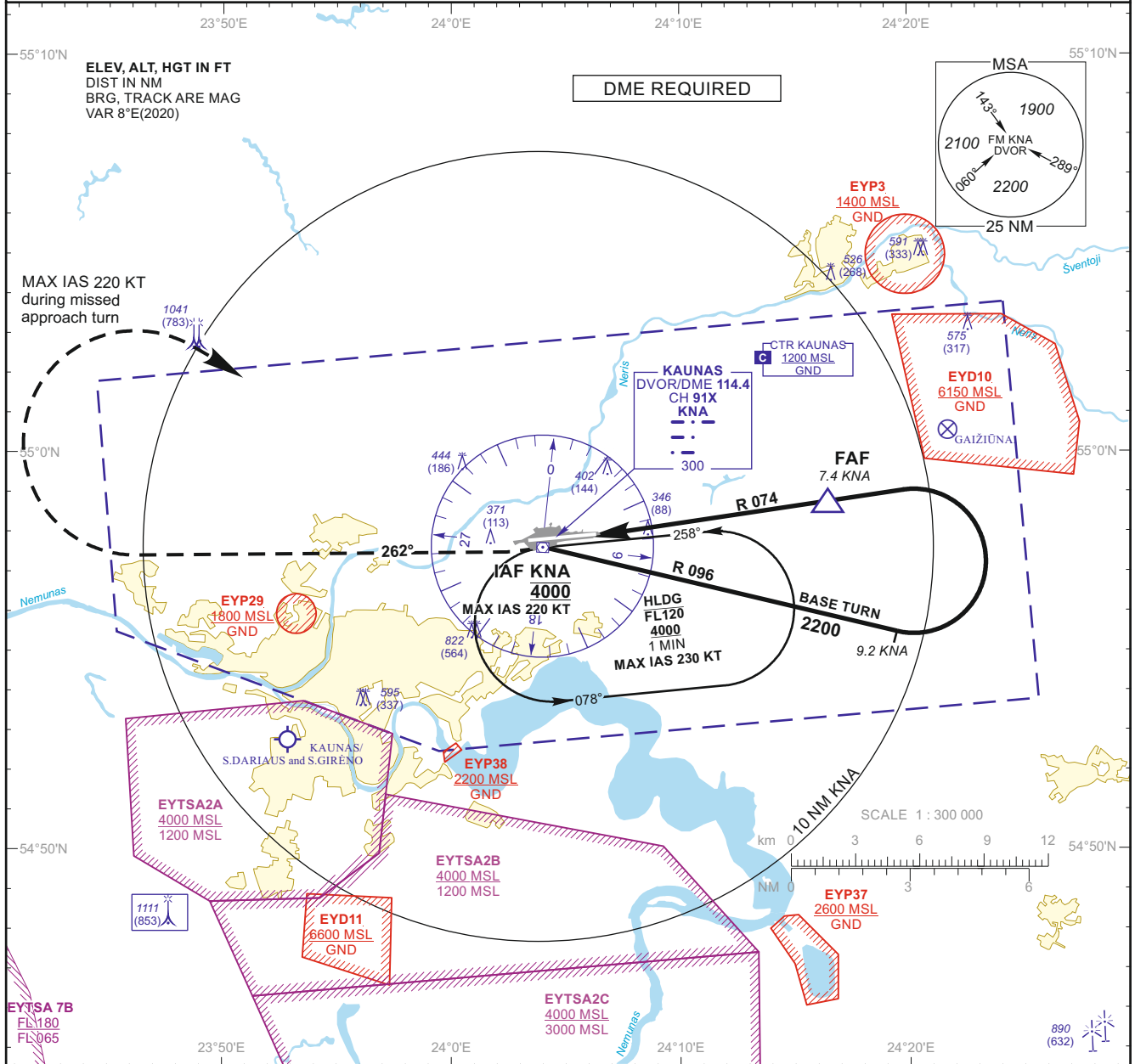
VOR INSTRUMENT APPROACH from IAF(KNA)		
FIX/POINTS	COORDINATES	FIX FORMATION
KNA (IAF)	54 57 37.4N 024 03 59.1E	
FAF	54 58 45.8N 024 16 36.6E	BRG 253.47° / 7.37 NM KNA
SDF	54 58 14.8N 024 10 51.4E	BRG 253.47° / 4.00 NM KNA
MAPt	54 57 58.2N 024 07 47.7E	BRG 253.47° / 2.22 NM KNA
DTHR RWY 26	54 57 53.79N 024 06 19.46E	
Final approach descent angle: 3.00°		

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 26 - ELEV 258

TWR 124.205  
 118.505  
 ATIS 129.055

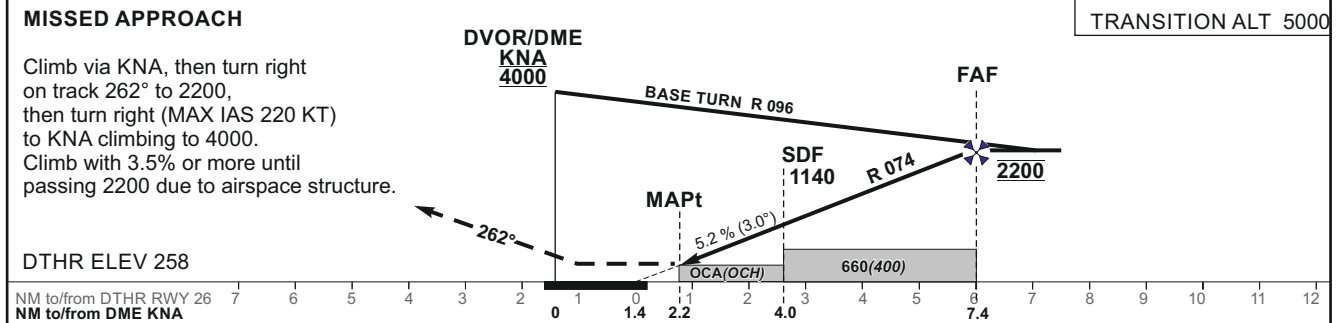
**KAUNAS  
 VOR Y RWY 26  
 (CAT C/D)**



**MISSED APPROACH**

Climb via KNA, then turn right on track 262° to 2200, then turn right (MAX IAS 220 KT) to KNA climbing to 4000. Climb with 3.5% or more until passing 2200 due to airspace structure.

DTHR ELEV 258



OCA(OCH)		C	D	DIST DME KNA							
STRAIGHT-IN APPROACH	VOR	630 (370)		7	6	5	4	3			
	VOR (when SDF not received)	660 (400)		Altitude	2090	1770	1460	1140	830		
				Height	(1832)	(1512)	(1202)	(882)	(572)		
CIRCLING		1230 (970)	not authorized	Timing not authorized for defining the MAPt							
				GS	Kts	80	100	120	140	160	180
				FAF - MAPt 5.2 NM	min:sec	3:54	3:07	2:36	2:14	1:57	1:44
				Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 26 - ELEV 258

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**VOR Y RWY 26**  
**(CAT C/D)**

TABULAR DESCRIPTION

VOR INSTRUMENT APPROACH from IAF(KNA)		
FIX/POINTS	COORDINATES	FIX FORMATION
KNA (IAF)	54 57 37.4N 024 03 59.1E	
FAF	54 58 45.8N 024 16 36.6E	BRG 253.47° / 7.37 NM KNA
SDF	54 58 14.8N 024 10 51.4E	BRG 253.47° / 4.00 NM KNA
MAPt	54 57 58.2N 024 07 47.7E	BRG 253.47° / 2.22 NM KNA
DTHR RWY 26	54 57 53.79N 024 06 19.46E	
Final approach descent angle: 3.00°		

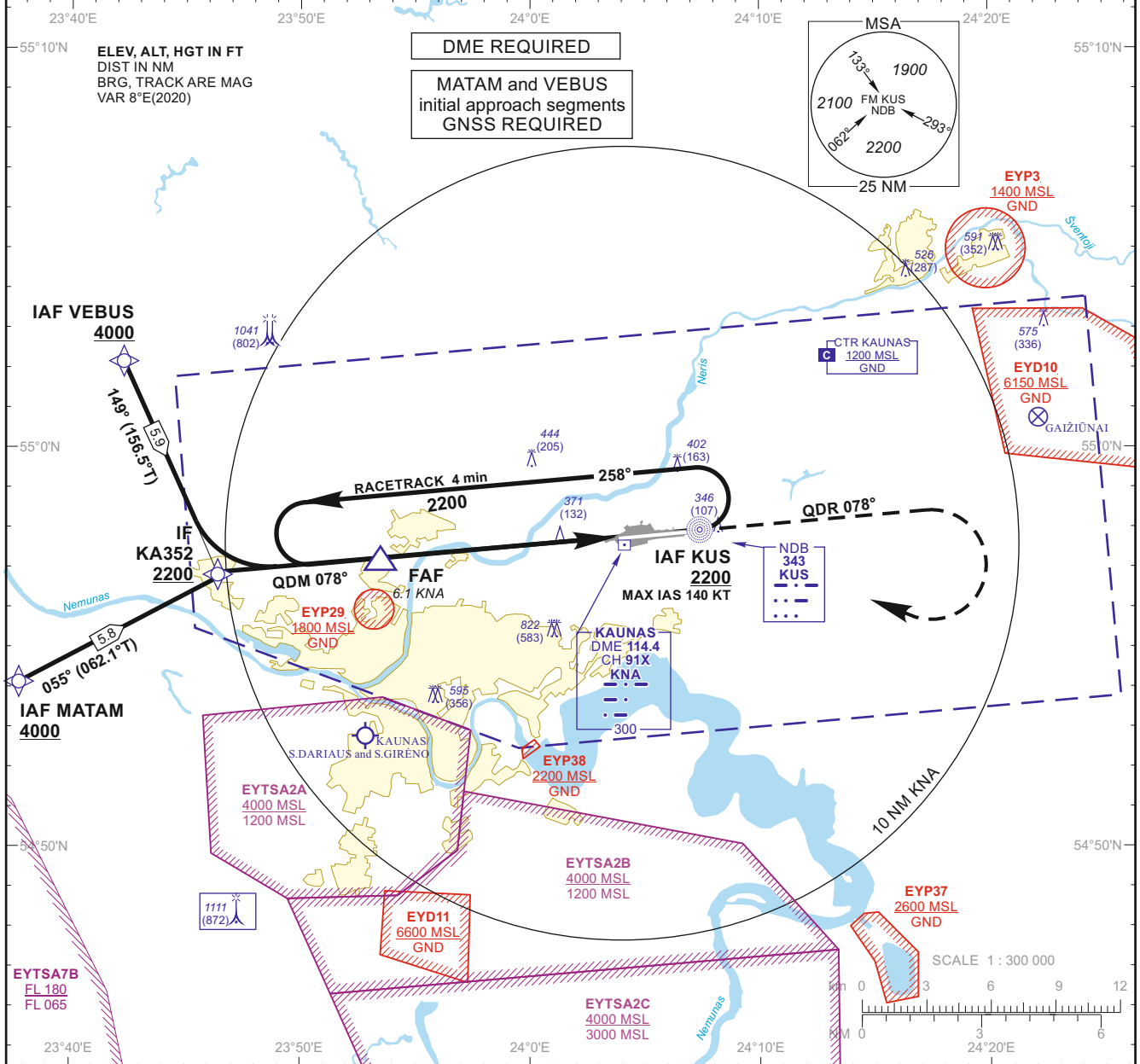
Changes: new chart.

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 08 - ELEV 239

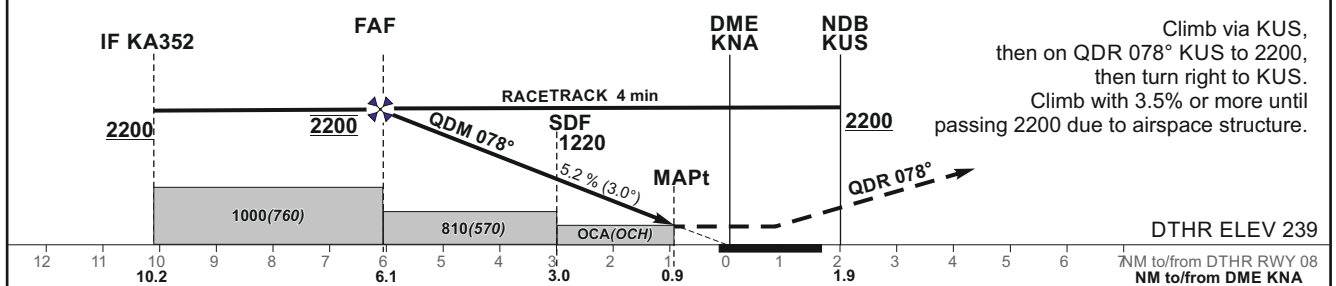
TWR 124.205  
 ATIS 118.505  
 129.055

**KAUNAS  
 NDB Z RWY 08  
 (CAT A/B)**



TRANSITION ALT 5000

**MISSED APPROACH**



OCA(OCH)	STRAIGHT-IN APPROACH	A		B		DIST DME KNA						
		5	4	3	2	5	4	3	2			
NDB	NDB (when SDF not received)	630 (390)		Altitude		1850	1530	1220	900			
		810 (570)		Height		(1611)	(1291)	(981)	(661)			
CIRCLING		710 (450)		760 (500)		Timing not authorized for defining the MAPt						
		GS	Kts	80	100	120	140	160	180			
		FAF - MAPt	5.2 NM	min:sec	3:54	3:07	2:36	2:14	1:57	1:44		
		Rate of descent (5.2%)	ft/min	415	520	625	730	835	940			

For data tabulation see verso

Changes: EYP37 and EYP38 added.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 08 - ELEV 239

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**NDB Z RWY 08**  
**(CAT A/B)**

## TABULAR DESCRIPTION

**IAF MATAM, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	MATAM	—	—	-7.5	—	—	+4000	—	—	RNAV 1
002	TF	KA352	—	055(062.1)	-7.5	5.8	—	+2200	—	—	RNAV 1

**IAF VEBUS, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	VEBUS	—	—	-7.5	—	—	+4000	—	—	RNAV 1
002	TF	KA352	—	149(156.5)	-7.5	5.9	—	+2200	—	—	RNAV 1

## NDB INSTRUMENT APPROACH from IAFs(KUS, MATAM, VEBUS)

FIX/POINTS	COORDINATES	FIX FORMATION
MATAM (IAF)	54 54 08.9N 023 37 22.7E	BRG 070.25° KUS / 15.74 NM KNA
VEBUS (IAF)	55 02 19.2N 023 42 11.7E	BRG 099.50° KUS / 13.40 NM KNA
KUS (IAF)	54 57 56.6N 024 07 18.7E	1.94 NM KNA
KA352 (IF)	54 56 52.8N 023 46 18.3E	BRG 077.59° KUS / 10.22 NM KNA
FAF	54 57 14.9N 023 53 23.4E	BRG 077.61° KUS / 6.12 NM KNA
SDF	54 57 31.4N 023 58 48.3E	BRG 077.61° KUS / 3.00 NM KNA
MAPt	54 57 42.3N 024 02 28.0E	BRG 077.61° KUS / 0.88NM KNA
DTHR RWY 08	54 57 46.44N 024 03 50.94E	
KNA	54 57 37.4N 024 03 59.1E	

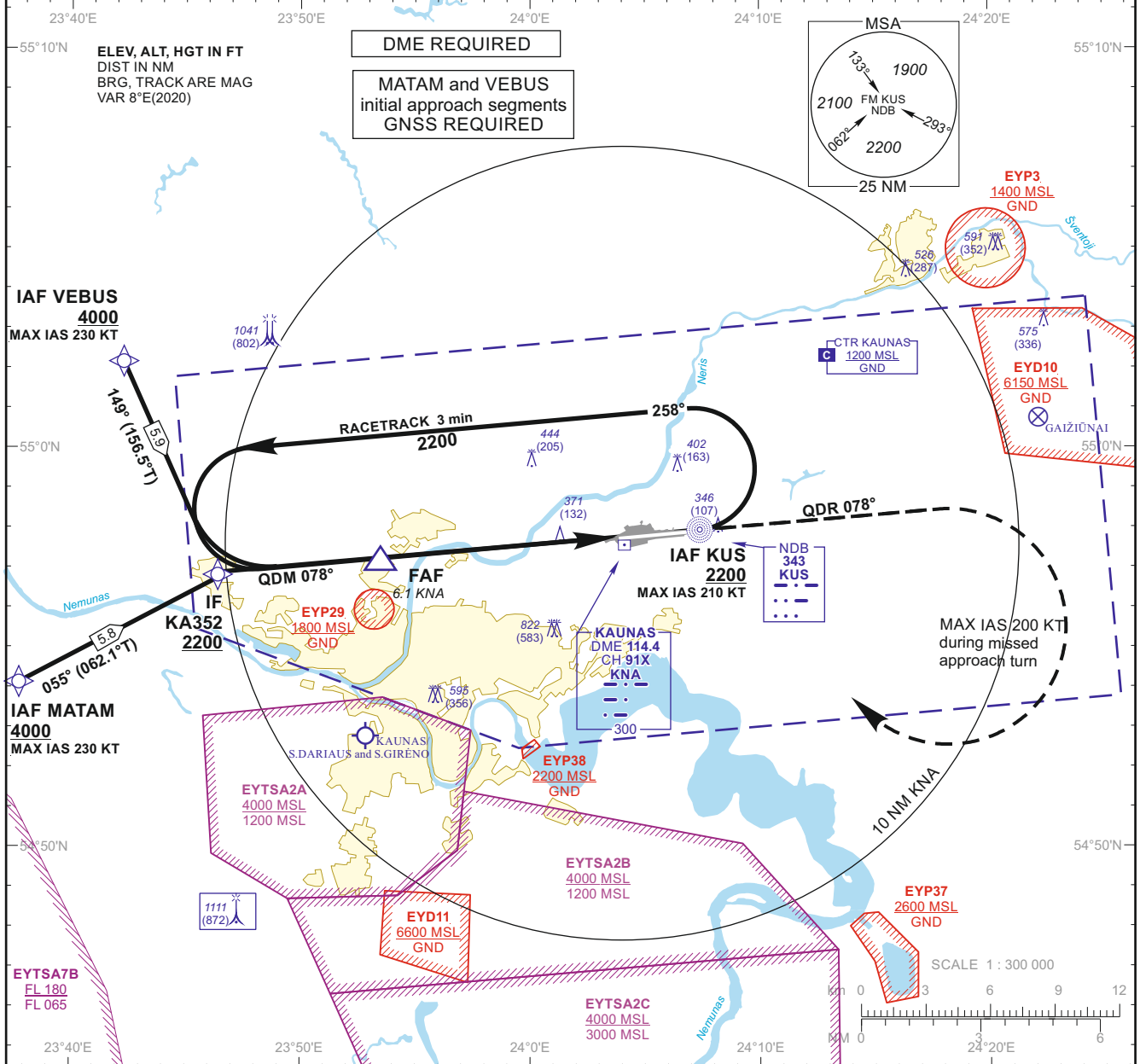
Final approach descent angle: 3.00°

**INSTRUMENT APPROACH CHART - ICAO**

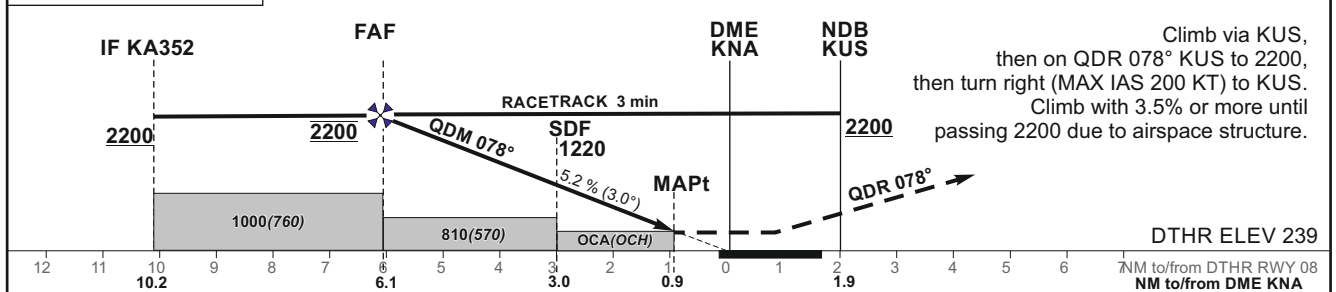
**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 08 - ELEV 239

TWR 124.205  
 118.505  
 ATIS 129.055

**KAUNAS  
 NDB Y RWY 08  
 (CAT C/D)**



TRANSITION ALT 5000 MISSED APPROACH



OCA(OCH)	C	D	DIST DME KNA								
			5	4	3	2					
STRAIGHT-IN APPROACH	NDB	630 (390)	1850	1530	1220	900					
	NDB (when SDF not received)	810 (570)	(1611)	(1291)	(981)	(661)					
CIRCLING	1230 (970)	not authorized	Timing not authorized for defining the MAPt								
			GS	Kts	80	100	120	140	160	180	
			FAF - MAPt	5.2 NM	min:sec	3:54	3:07	2:36	2:14	1:57	1:44
			Rate of descent (5.2%)	ft/min	415	520	625	730	835	940	

For data tabulation see verso

Changes: EYP37 and EYP38 added.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 08 - ELEV 239

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**NDB Y RWY 08**  
**(CAT C/D)**

## TABULAR DESCRIPTION

**IAF MATAM, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	MATAM	—	—	-7.5	—	—	+4000	-230	—	RNAV 1
002	TF	KA352	—	055(062.1)	-7.5	5.8	—	+2200	—	—	RNAV 1

**IAF VEBUS, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	VEBUS	—	—	-7.5	—	—	+4000	-230	—	RNAV 1
002	TF	KA352	—	149(156.5)	-7.5	5.9	—	+2200	—	—	RNAV 1

## NDB INSTRUMENT APPROACH from IAFs(KUS, MATAM, VEBUS)

FIX/POINTS	COORDINATES	FIX FORMATION
MATAM (IAF)	54 54 08.9N 023 37 22.7E	BRG 070.25° KUS / 15.74 NM KNA
VEBUS (IAF)	55 02 19.2N 023 42 11.7E	BRG 099.50° KUS / 13.40 NM KNA
KUS (IAF)	54 57 56.6N 024 07 18.7E	1.94 NM KNA
KA352 (IF)	54 56 52.8N 023 46 18.3E	BRG 077.59° KUS / 10.22 NM KNA
FAF	54 57 14.9N 023 53 23.4E	BRG 077.61° KUS / 6.12 NM KNA
SDF	54 57 31.4N 023 58 48.3E	BRG 077.61° KUS / 3.00 NM KNA
MAPt	54 57 42.3N 024 02 28.0E	BRG 077.61° KUS / 0.88NM KNA
DTHR RWY 08	54 57 46.44N 024 03 50.94E	
KNA	54 57 37.4N 024 03 59.1E	

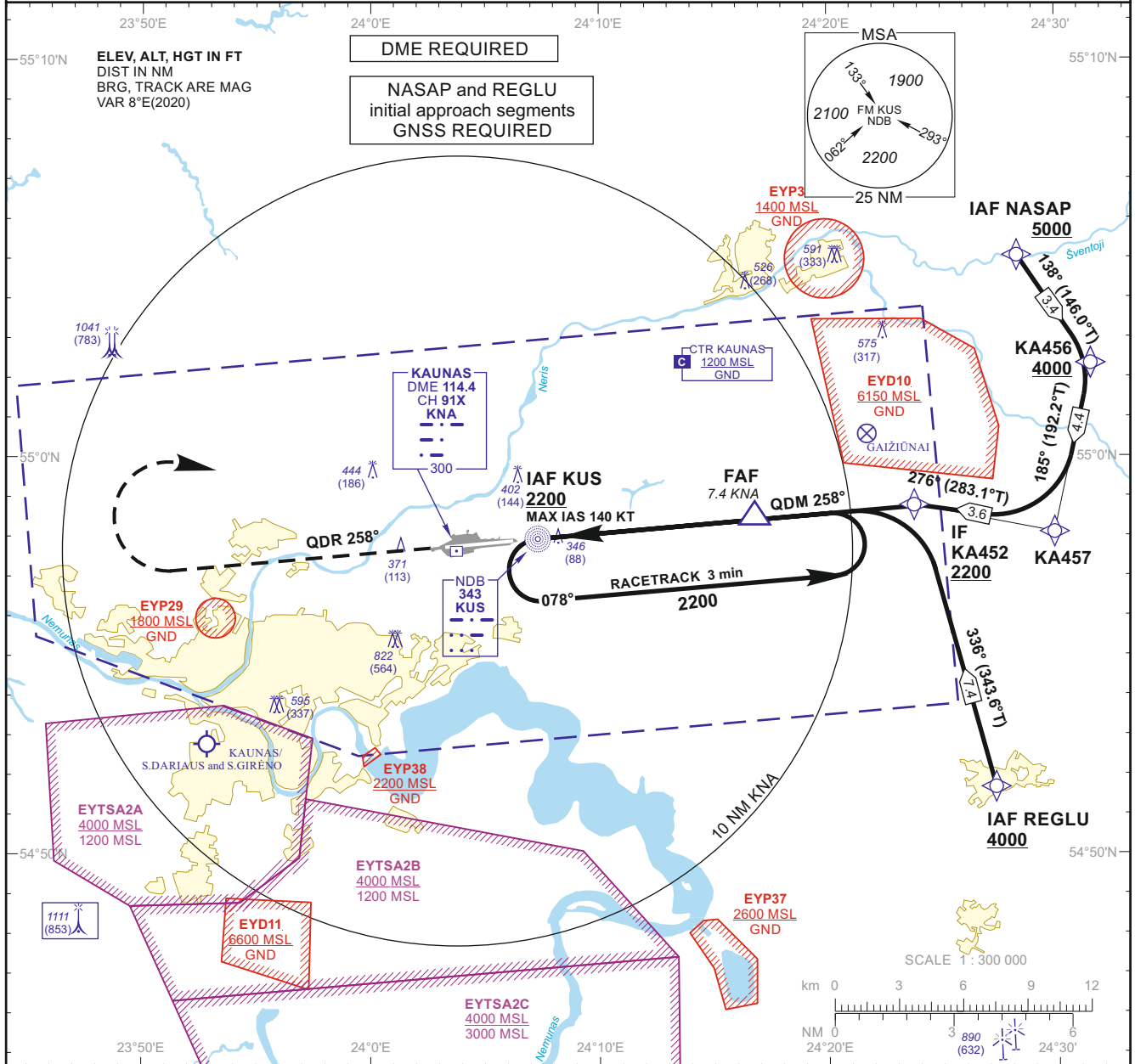
Final approach descent angle: 3.00°

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 26 - ELEV 258

TWR 124.205  
 ATIS 118.505  
 129.055

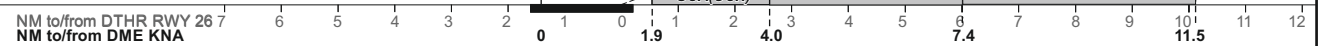
**KAUNAS**  
**NDB Z RWY 26**  
**(CAT A/B)**



**MISSED APPROACH**

Climb on QDR 258° KUS to 2200, then turn right to KUS.  
 Climb with 3.5% or more until passing 2200 due to airspace structure.

DTHR ELEV 258



OCA(OCH)	A	B	DIST DME KNA	7	6	5	4	3	
				STRAIGHT-IN APPROACH	NDB	630 (370)	Altitude	2090	1770
	NDB (when SDF not received)	660 (400)	Height	(1832)	(1512)	(1202)	(882)	(572)	
CIRCLING	710 (450)	760 (500)	Timing not authorized for defining the MAPt						
	GS	Kts	80	100	120	140	160	180	
	FAF - MAPt	5.4 NM	min:sec	4:03	3:14	2:42	2:19	2:02	1:48
	Rate of descent (5.2%)	ft/min	415	520	625	730	835	940	

For data tabulation see verso

Changes: EYP37 and EYP38 added.



INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**

HEIGHTS RELATED TO  
DTHR RWY 26 - ELEV 258

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**NDB Z RWY 26**  
**(CAT A/B)**

TABULAR DESCRIPTION

**IAF NASAP, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	NASAP	—	—	-7.5	—	—	+5000	—	—	RNAV 1
002	TF	KA456	—	138(146.0)	-7.5	3.4	—	+4000	—	—	RNAV 1
003	TF	KA457	—	185(192.2)	-7.5	4.4	—	—	—	—	RNAV 1
004	TF	KA452	—	276(283.1)	-7.5	3.6	—	+2200	—	—	RNAV 1

**IAF REGLU, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	REGLU	—	—	-7.5	—	—	+4000	—	—	RNAV 1
002	TF	KA452	—	336(343.6)	-7.5	7.4	—	+2200	—	—	RNAV 1

**NDB INSTRUMENT APPROACH from IAFs(KUS, NASAP, REGLU)**

FIX/POINTS	COORDINATES	FIX FORMATION
NASAP (IAF)	55 04 57.2N 024 28 10.6E	BRG 232.01° KUS / 15.74 NM KNA
REGLU (IAF)	54 51 37.2N 024 27 23.7E	BRG 290.99° KUS / 14.79 NM KNA
KA456	55 02 09.7N 024 31 27.3E	BRG 245.40° KUS / 16.46 NM KNA
KA457	54 57 55.1N 024 29 51.4E	BRG 262.43° KUS / 14.92 NM KNA
KA452 (IF)	54 58 44.2N 024 23 46.4E	BRG 257.57° KUS / 11.46 NM KNA
FAF	54 58 24.1N 024 16 41.1E	BRG 257.56° KUS / 7.36 NM KNA
SDF	54 58 07.2N 024 10 53.0E	BRG 257.56° KUS / 4.00 NM KNA
NDB KUS (IAF, MAPt)	54 57 56.6N 024 07 18.7E	1.94 NM KNA
KNA	54 57 37.4N 024 03 59.1E	
DTHR RWY 26	54 57 53.79N 024 06 19.46E	
Final approach descent angle: 3.00°		

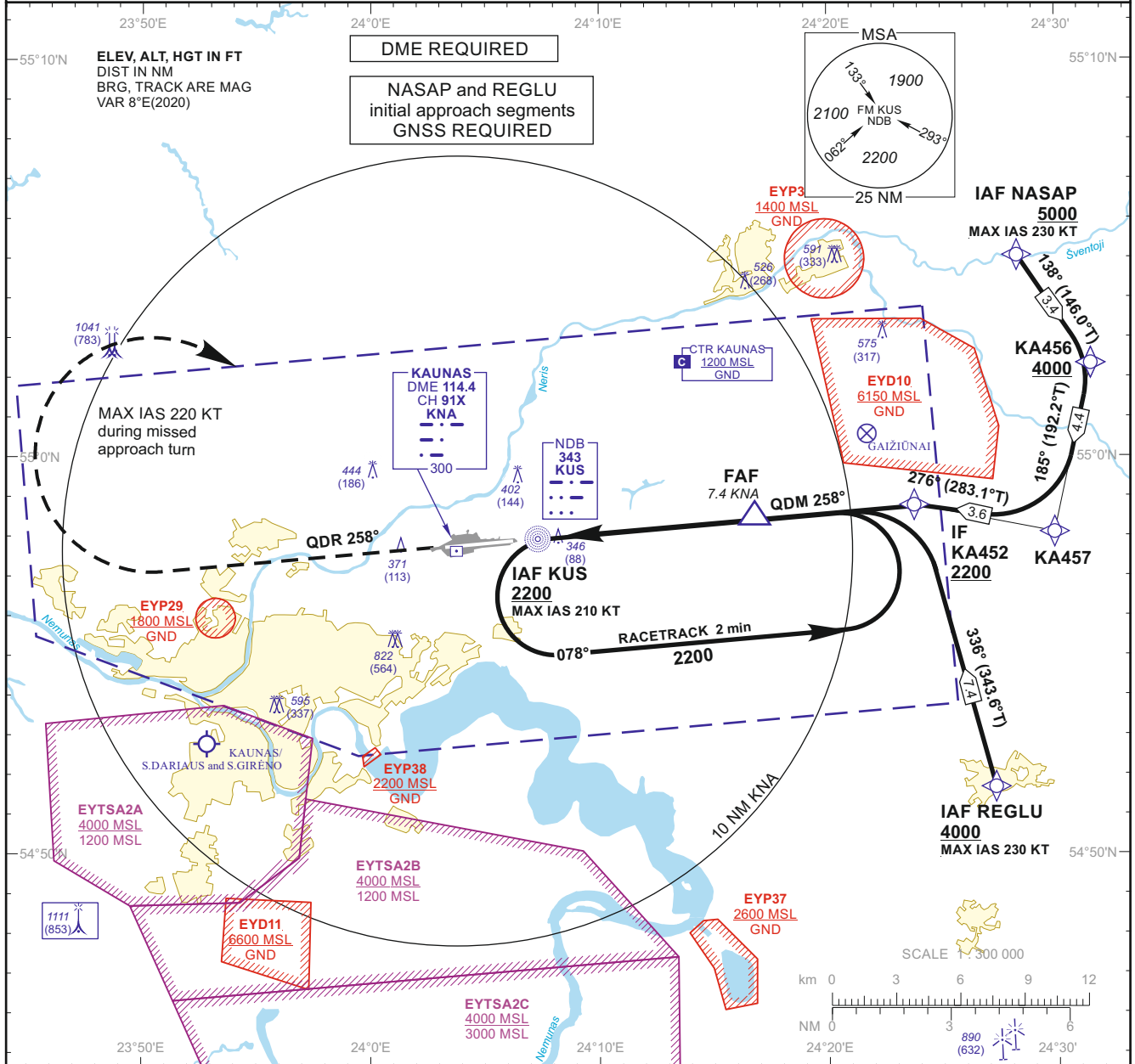
Changes: new chart.

**INSTRUMENT APPROACH CHART - ICAO**

**AERODROME ELEV 259**  
 HEIGHTS RELATED TO  
 DTHR RWY 26 - ELEV 258

TWR 124.205  
 118.505  
 ATIS 129.055

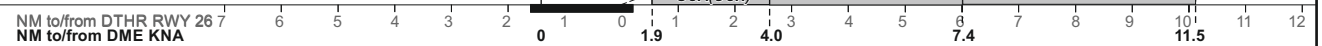
**KAUNAS  
 NDB Y RWY 26  
 (CAT C/D)**



**MISSED APPROACH**

Climb on QDR 258° KUS to 2200, then turn right (MAX IAS 220 KT) to KUS. Climb with 3.5% or more until passing 2200 due to airspace structure.

DTHR ELEV 258



OCA(OCH)	C	D	DIST DME KNA	7	6	5	4	3
				STRAIGHT-IN APPROACH	NDB	630 (370)	Altitude	2090
	NDB (when SDF not received)	660 (400)	Height	(1832)	(1512)	(1202)	(882)	(572)
CIRCLING	1230 (970)	not authorized	Timing not authorized for defining the MAPt					
	GS	Kts	80	100	120	140	160	180
	FAF - MAPt 5.4 NM	min:sec	4:03	3:14	2:42	2:19	2:02	1:48
	Rate of descent (5.2%)	ft/min	415	520	625	730	835	940

For data tabulation see verso

Changes: EYP37 and EYP38 added.

INSTRUMENT  
APPROACH  
CHART - ICAO

**AERODROME ELEV 259**  
HEIGHTS RELATED TO  
DTHR RWY 26 - ELEV 258

TWR	124.205
	118.505
ATIS	129.055

**KAUNAS**  
**NDB Y RWY 26**  
**(CAT C/D)**

**TABULAR DESCRIPTION**

**IAF NASAP, INITIAL APPROACH**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	NASAP	—	—	-7.5	—	—	+5000	-230	—	RNAV 1
002	TF	KA456	—	138(146.0)	-7.5	3.4	—	+4000	—	—	RNAV 1
003	TF	KA457	—	185(192.2)	-7.5	4.4	—	—	—	—	RNAV 1
004	TF	KA452	—	276(283.1)	-7.5	3.6	—	+2200	—	—	RNAV 1

**IAF REGLU, INITIAL APPROACH**

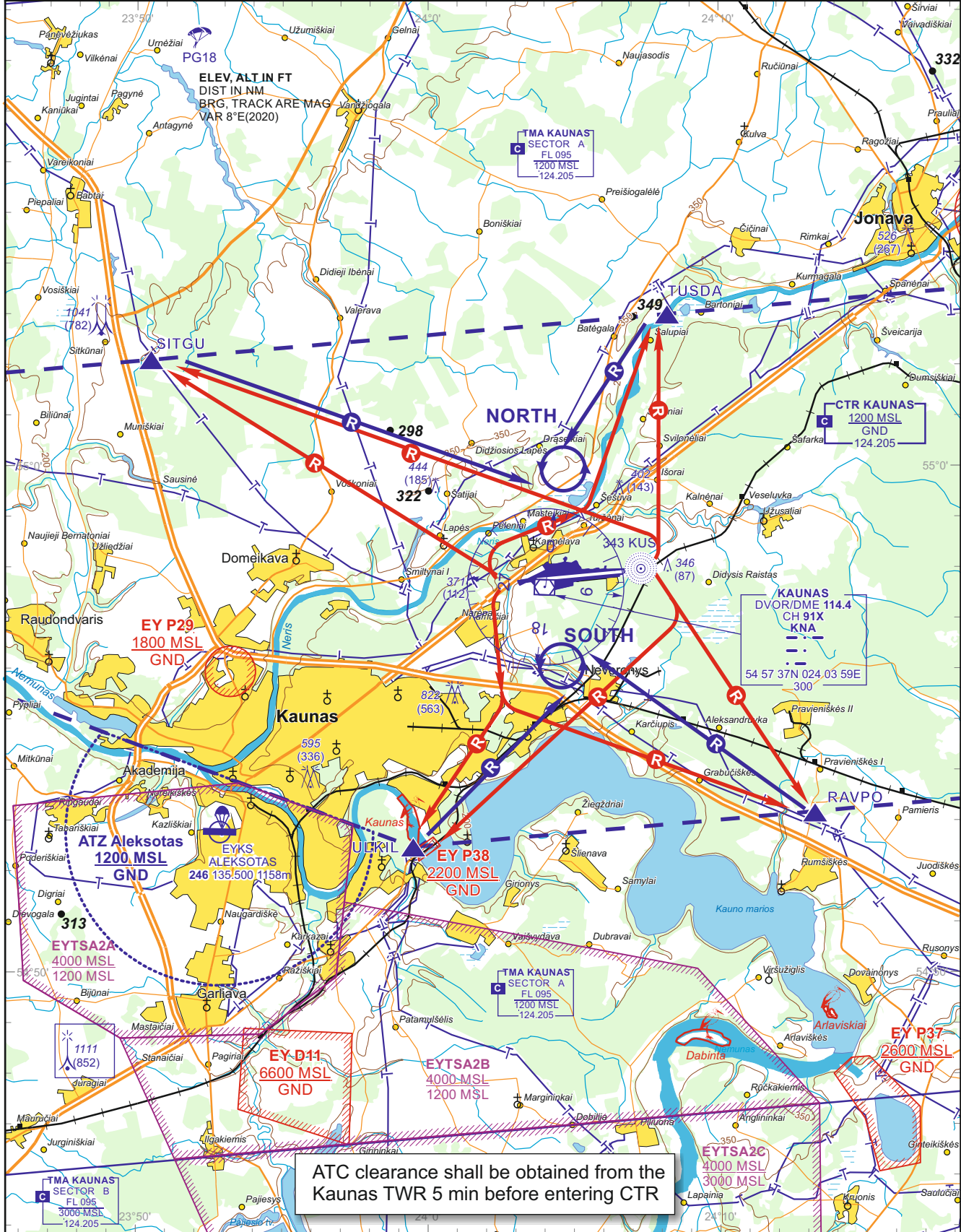
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (NM)/ Time	Turn Direction	Altitude (FT)/ Flight level	Speed (KT)	VPA/TCH	Navigation Specification
001	IF	REGLU	—	—	-7.5	—	—	+4000	-230	—	RNAV 1
002	TF	KA452	—	336(343.6)	-7.5	7.4	—	+2200	—	—	RNAV 1

**NDB INSTRUMENT APPROACH from IAFs(KUS, NASAP, REGLU)**

FIX/POINTS	COORDINATES	FIX FORMATION
NASAP (IAF)	55 04 57.2N 024 28 10.6E	BRG 232.01° KUS / 15.74 NM KNA
REGLU (IAF)	54 51 37.2N 024 27 23.7E	BRG 290.99° KUS / 14.79 NM KNA
KA456	55 02 09.7N 024 31 27.3E	BRG 245.40° KUS / 16.46 NM KNA
KA457	54 57 55.1N 024 29 51.4E	BRG 262.43° KUS / 14.92 NM KNA
KA452 (IF)	54 58 44.2N 024 23 46.4E	BRG 257.57° KUS / 11.46 NM KNA
FAF	54 58 24.1N 024 16 41.1E	BRG 257.56° KUS / 7.36 NM KNA
SDF	54 58 07.2N 024 10 53.0E	BRG 257.56° KUS / 4.00 NM KNA
NDB KUS (IAF, MAPt)	54 57 56.6N 024 07 18.7E	1.94 NM KNA
KNA	54 57 37.4N 024 03 59.1E	
DTHR RWY 26	54 57 53.79N 024 06 19.46E	
Final approach descent angle: 3.00°		

Changes: new chart.

VISUAL APPROACH CHART - ICAO TRANSITION LEVEL By ATC TRANSITION ALT 5000	AERODROME ELEV 259 HEIGHTS RELATED TO AD ELEV	TWR 124.205	<b>KAUNAS RWY 08/26</b>
		118.505	
		ATIS 129.055	
		INFO 124.605	



Changes: INFO FREQ.	CTR REP		SCALE 1 : 200 000 km 0 2 4 8 NM 0 2 4	PAPI(MEHT)	
	RAVPO	R-122/D6.9 KNA 54 53 10N 024 13 12E		RWY 08: Left 3.0° (61 FT)	
	SITGU	R-293/D9.0 KNA 55 02 06N 023 50 28E		RWY 26: Left 3.0° (61 FT)	
	TUSDA	R-017/D5.9 KNA 55 03 01N 024 08 11E			
	ULKIL	R-199/D5.8 KNA 54 52 29N 023 59 29E			

THIS PAGE INTENTIONALLY LEFT BLANK