

**S 03. ATNAUJINTI ŠIAULIŲ AD TACAN
DUOMENYS IR IAC ŽEMĖLAPIAI KARINIAMS
ORLAIVIAMS**

**S 03. UPDATED SIAULIAI AD TACAN DATA
AND IAC FOR MILITARY AIRCRAFT**

Panaikina / *Cancels* NOTAM: A0639/26, A0670/26
Pakeičia / *Replaces* SUP: 01/26

Papildyti AIP skyriai / *AIP section affected by this SUP*: ENR 4.1, EYSA

Šiame AIP papildyme pateikiama informacija apie atnaujintus Šiaulių AD TACAN duomenis ir Artėjimo tūpti pagal prietaisus žemėlapius RWY 14L/32R ir RWY 14R/32L kariniams orlaiviams.

Pakeitimai:

1. TACAN IDENT SQQ koordinatės pakeistos į 555232.6N 232448.3E, CH - 100X, veikimo zona - 80 NM; keičiasi ENR 4.1 ir EYSA AD 2.19 lentelėse.
2. Atnaujinti Artėjimo tūpti pagal prietaisus žemėlapių RWY 14L/32R ir RWY 14R/32L kariniams orlaiviams.
3. AIP EYSA AD 2.24-62-65, 68, 69 žemėlapių nebegalioja.

Priedama:

- Priedas 1. Artėjimo tūpti pagal prietaisus žemėlapis kariniams orlaiviams – ILS Y or LOC Y RWY 14L (MIL)
- Priedas 2. Artėjimo tūpti pagal prietaisus žemėlapis kariniams orlaiviams – ILS Y or LOC Y RWY 32R (MIL)
- Priedas 3. Artėjimo tūpti pagal prietaisus žemėlapis kariniams orlaiviams – TACAN RWY 14L (MIL)
- Priedas 4. Artėjimo tūpti pagal prietaisus žemėlapis kariniams orlaiviams – TACAN RWY 32R (MIL)
- Priedas 5. Artėjimo tūpti pagal prietaisus žemėlapis kariniams orlaiviams – TACAN RWY 14R (MIL)
- Priedas 6. Artėjimo tūpti pagal prietaisus žemėlapis kariniams orlaiviams – TACAN RWY 32L (MIL)

Šis AIP SUP galios tol, kol informacija bus įtraukta į AIP.

- PABAIGA -

This AIP Supplement provides information on the updated Siauliai AD TACAN data and Instrument Approach Charts RWY 14L/32R and RWY 14R/32L for military aircraft.

Changes:

1. TACAN IDENT SQQ coordinates changed to 555232.6N 232448.3E, CH - 100X, coverage - 80 NM; changes in tables ENR 4.1 and EYSA AD 2.19.
2. Instrument Approach Charts RWY 14L/32R and RWY 14R/32L for military aircraft are updated.
3. AIP EYSA AD 2.24-62-65, 68, 69 charts are not valid.

Attached:

- Appendix 1. Instrument Approach Chart for Military ACFT – ILS Y or LOC Y RWY 14L (MIL)
- Appendix 2. Instrument Approach Chart for Military ACFT – ILS Y or LOC Y RWY 32R (MIL)
- Appendix 3. Instrument Approach Chart for Military ACFT – TACAN RWY 14L (MIL)
- Appendix 4. Instrument Approach Chart for Military ACFT – TACAN RWY 32R (MIL)
- Appendix 5. Instrument Approach Chart for Military ACFT – TACAN RWY 14R (MIL)
- Appendix 6. Instrument Approach Chart for Military ACFT – TACAN RWY 32L (MIL)

This AIP SUP will remain in force until the contents are incorporated into the AIP.

- END -

SPECIALUSIS TUŠČIAS PUSLAPIS

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for MILITARY ACFT
TRANSITION LEVEL By ATC
TRANSITION ALT **5000(4553)**

HEIGHTS RELATED TO
THR RWY 14L - ELEV 447

TWR 120.405
ATIS 120.755

ILS Y or LOC Y
RWY 14L (MIL)

ELEV. ALT. HGT IN FT
DIST IN NM
BRG, TRACK ARE MAG
VAR 10°E(2021)

DME REQUIRED
DME ISZ reads ZERO at THR 14L

TACAN REQUIRED

IAF FULMI
19.7 SQQ
4000
MAX IAS 230 KT

HLDG
4000
1 MIN
MAX IAS 230 KT

IF
13.0 SQQ

FAF
5.7 ISZ
7.9 SQQ

ILS
GP 334.1
DME CH 20X
ISZ

ŠIAULIAI
TACAN 116.3
CH 110X
SQQ

IAF SQQ
4000
MAX IAS 230 KT

HLDG
4000
1 MIN
MAX IAS 230 KT

LOC
108.3 ISZ

CTR ŠIAULIAI
3000 MSL
GND

EVEGA
10.9 SQQ
5000

HLDG
5000
1 MIN
MAX IAS 230 KT

EY D32
7400 MSL
GND

EY P23
1000 MSL
GND

BARYSAI

SŽ ŠEDUV
FL 065
GND
658
(211)*

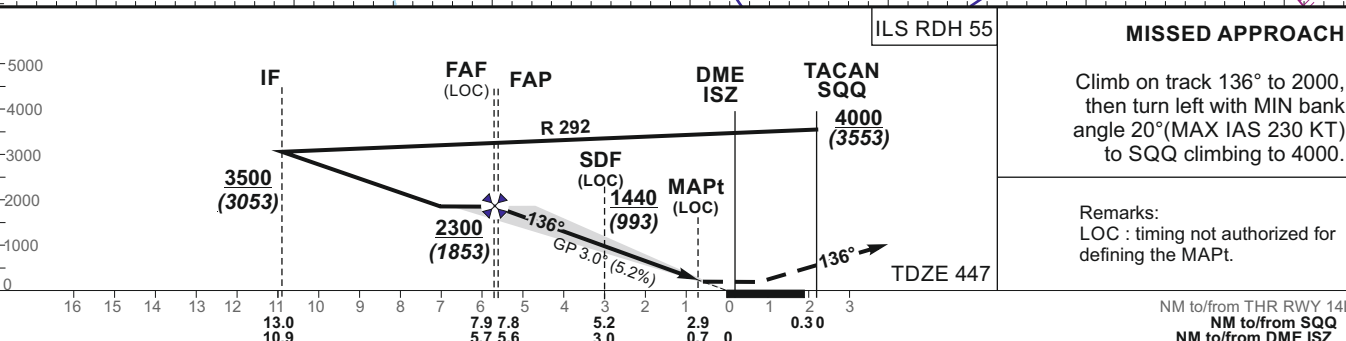
SEDUVA

SCALE 1 : 400 000

NM 0 4 8 12 16

km 0 4 8 12 16

MSA
156°
2100
106°
FM SQQ
TACAN
2400
012°
2100
31°
25 NM



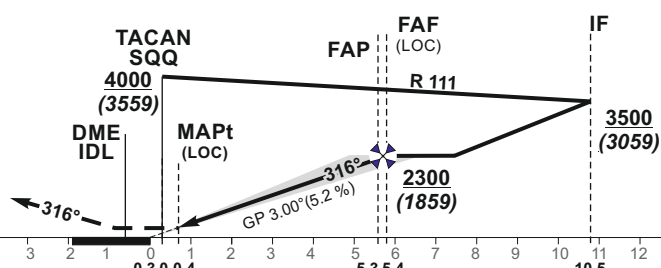
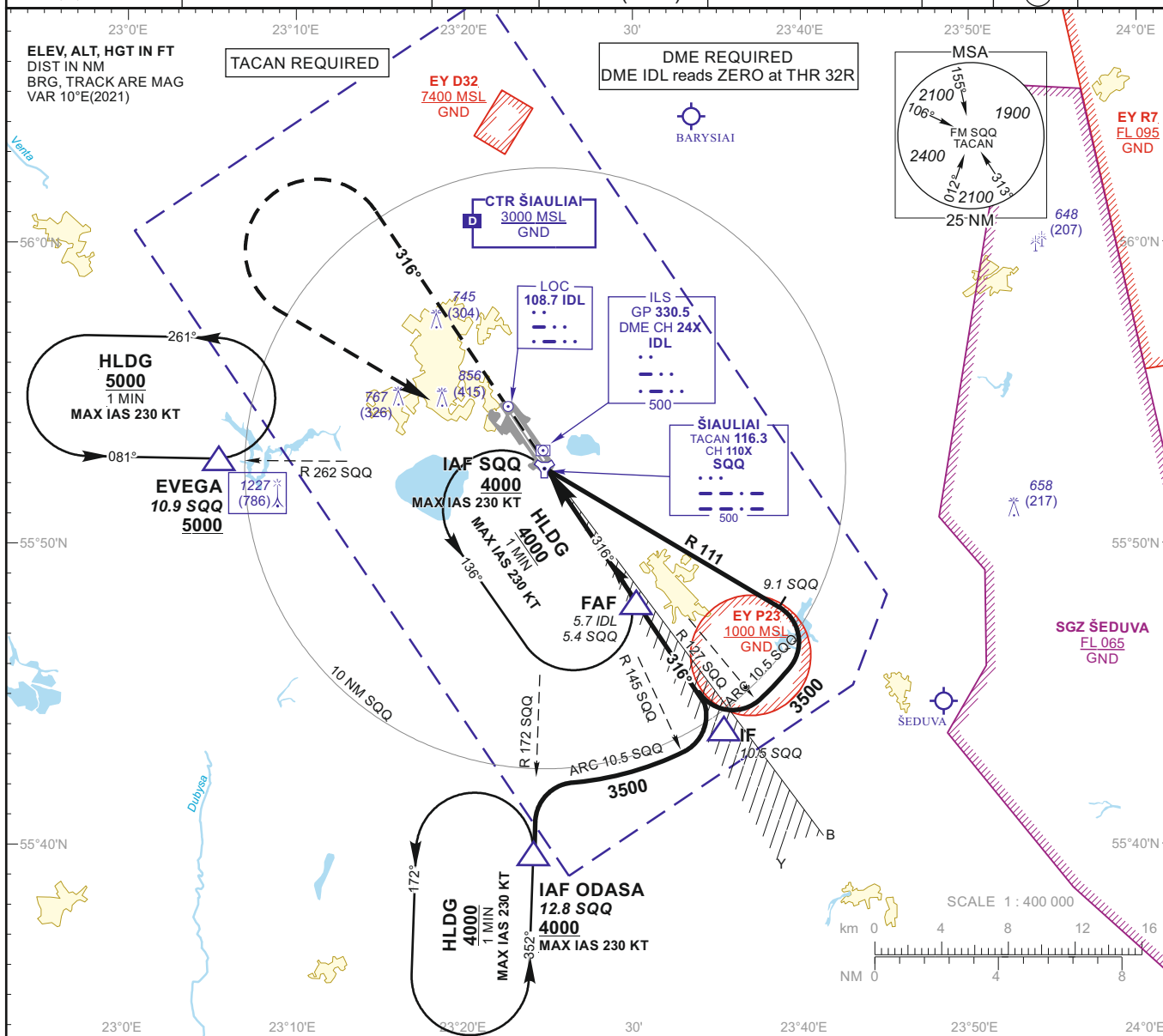
GS	Kts	80	100	120	140	160	180	DIST ISZ	5	4	3	2	1
FAF - MAPt 5.0 NM	min:sec	3:45	3:00	2:30	2:09	1:53	1:40	Altitude	2080	1760	1440	1130	820
Rate of descent (5.2%)	ft/min	415	520	625	730	835	940	Height	(1633)	(1313)	(993)	(683)	(373)

	STRAIGHT-IN APPROACH									CIRCLING APPROACH				
	ILS CAT I			LOC			LOC (When SDF not received)			MDA(H)	Visibility			
	DA(H)	Full	ALS out	MDA(H)	Full	ALS out	MDA(H)	Full	ALS out					
A	647 (200)	RVR 550m	RVR 1200m	830 (380)	RVR 1000m	RVR 1500m	1000 (550)	RVR 2000m	RVR 2700m	880 (440)	1500m	A		
B										1160 (710)	2400m	B		
C												C		
D										RVR 2200m	RVR 2900m	1260 (810)	3600m	D
E										651 (204)		1350 (910)	4300m	

TABULAR DESCRIPTION

ILS or LOC INSTRUMENT APPROACH for MILITARY ACFT from IAFs (SQQ, FULMI)		
FIX/POINTS	COORDINATES	FIX FORMATION
EVEGA (HLDG)	55 52.87N 023 05.45E	BRG 082.01° / 10.91 NM SQQ
FULMI (IAF)	56 12.18N 023 23.10E	BRG 167.40° / 19.70 NM SQQ
SQQ TACAN (IAF)	55 52.54N 023 24.81E	
IF	56 03.36N 023 12.02E	BRG 136.33° / 10.81 NM ISZ ; 13.01 NM SQQ
FAF	55 59.14N 023 17.09E	BRG 136.33° / 5.71 NM ISZ ; 7.91 NM SQQ
FAP	55 59.02N 023 17.24E	BRG 136.33° / 5.56 NM ISZ ; 7.76 NM SQQ
SDF	55 56.89N 023 19.80E	BRG 136.33° / 2.99 NM ISZ ; 5.19 NM SQQ
MAPt	55 55.00N 023 22.07E	BRG 136.33° / 0.70 NM ISZ ; 2.90 NM SQQ
THR RWY 14L	55 54.41N 023 22.76E	
DME ISZ	55 54.30N 023 23.04E	
LOC ISZ	55 52.68N 023 24.84E	
Final approach (LOC) descent angle: 3.00°		

ŠIAULIAI (EYSA)
ILS Y or LOC Y
RWY 32R (MIL)



NM to/from DME IDL								0.7		5.6 5.7		10.9	
GS	Kts	80	100	120	140	160	180	DIST IDL	5	4	3	2	1
FAF - MAPt 5.0 NM	min:sec	3:45	3:00	2:30	2:09	1:53	1:40	Altitude	2070	1750	1440	1120	810
Rate of descent (5.2%)	ft/min	415	520	625	730	835	940	Height	(1629)	(1309)	(999)	(679)	(369)
	STRAIGHT-IN APPROACH							CIRCLING APPROACH					
	ILS CAT I			LOC									
	DA(H)	Full	ALS out	MDA(H)	Full	ALS out	MDA(H)	Visibility					
	A	641 (200)	RVR 550m	RVR 1200m	760 (320)	RVR 750m	RVR 1400m	880 (440)	1500m		A		
	B							1160 (710)	2400m		B		
	C							1260 (810)	3600m		C		
	D							1350 (910)	4300m		D		
E	652 (211)						1350 (910)	4300m	E				

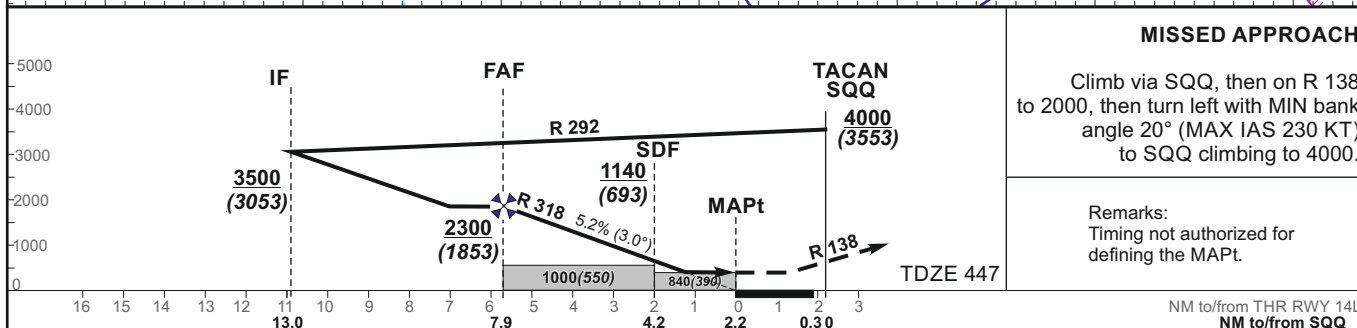
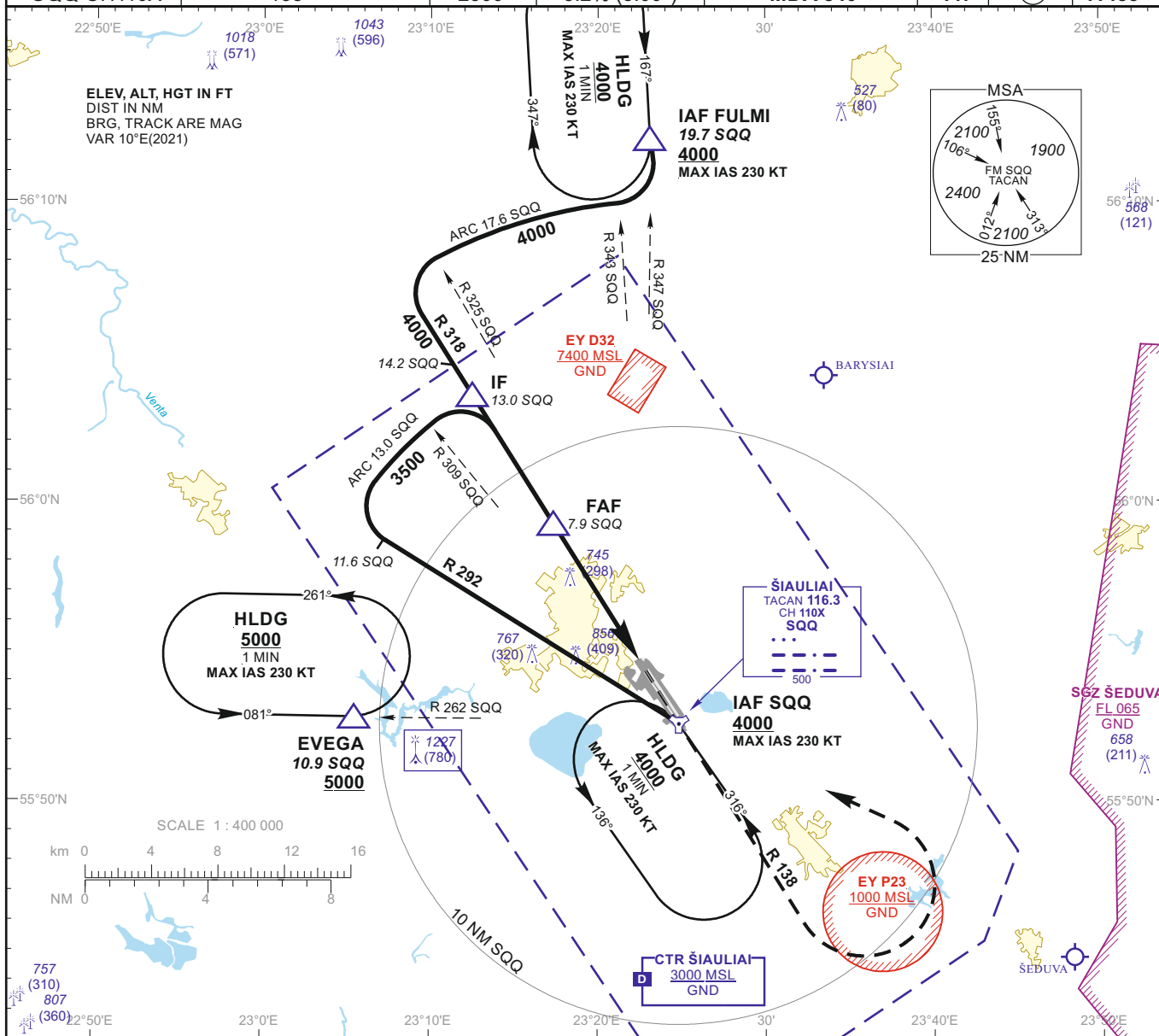
for MILITARY ACFT
TRANSITION LEVEL By ATC
TRANSITION ALT **5000(4553)**

AERODROME ELEV 447
HEIGHTS RELATED TO AD ELEV
THR RWY 14L - ELEV 447

TWR 120.405
ATIS 120.755

ŠIAULIAI (EYSA)
TACAN
RWY 14L (MIL)

TACAN SQQ CH110X	APP COURSE 138°	FAF ALT 2300	Descent GP 5.2% (3.00°)	MDA 840	TDZE 447	ALS (BP)	LDA 11483
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GS	Kts	80	100	120	140	160	180	DIST SQQ	7	6	5	4	3
FAF - MAPt 5.7 NM	min:sec	4:16	3:25	2:51	2:26	2:08	1:54	Altitude	2010	1700	1380	1080	760
Rate of descent (5.2%)	ft/min	415	520	625	730	835	940	Height	(1563)	(1253)	(933)	(633)	(313)

	STRAIGHT-IN APPROACH						CIRCLING APPROACH			
	TACAN			TACAN (When SDF not received)						
	MDA(H)	Full	ALS out	MDA(H)	Full	ALS out	MDA(H)	Visibility		
A	840 (390)	RVR 1100m		1000 (550)			880 (440)	1500m	A	
B					RVR 1500m	RVR 2000m	RVR 2700m	1160 (710)	2400m	B
C										C
D					RVR 1800m	RVR 2200m	RVR 2900m	1260 (810)	3600m	D
E								1350 (910)	4300m	E

INSTRUMENT APPROACH CHART
for MILITARY ACFT
TRANSITION LEVEL By ATC
TRANSITION ALT **5000(4553)**

AERODROME ELEV 447
HEIGHTS RELATED TO AD ELEV
THR RWY 14L - ELEV 447

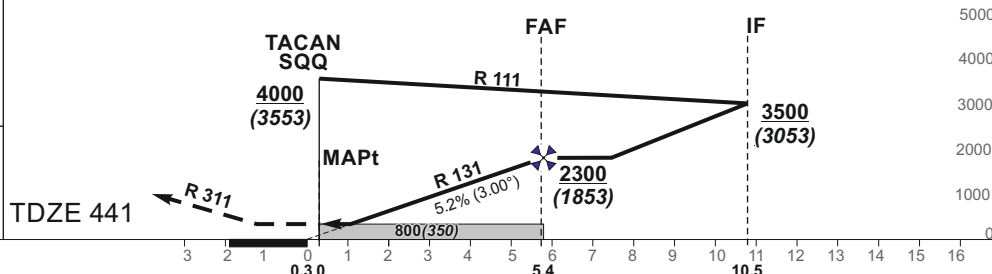
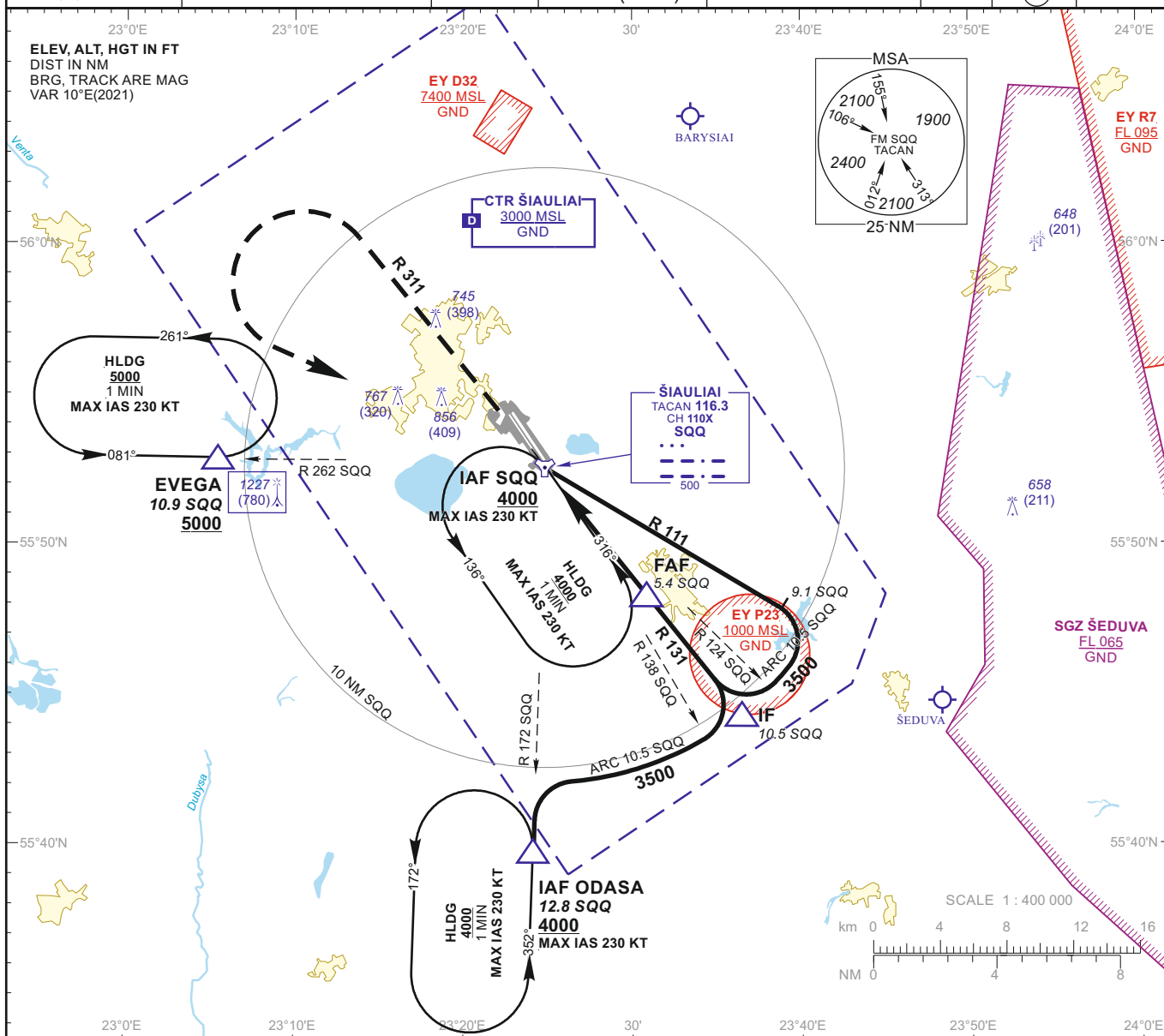
TWR 120.405
ATIS 120.755

ŠIAULIAI (EYSA)
TACAN
RWY 14L (MIL)

TABULAR DESCRIPTION

TACAN INSTRUMENT APPROACH for MILITARY ACFT from IAFs (SQQ, FULMI)		
FIX/POINTS	COORDINATES	FIX FORMATION
EVEGA (HLDG)	55 52.87N 023 05.45E	BRG 082.01° / 10.91 NM SQQ
FULMI (IAF)	56 12.18N 023 23.10E	BRG 167.40° / 19.70 NM SQQ
SQQ TACAN (IAF)	55 52.54N 023 24.81E	
IF	56 03.53N 023 12.47E	BRG 138.06° / 13.01 NM SQQ
FAF	55 59.23N 023 17.32E	BRG 138.06° / 7.91 NM SQQ
SDF	55 56.12N 023 20.80E	BRG 138.06° / 4.24 NM SQQ
MAPt	55 54.40N 023 22.73E	BRG 138.06° / 2.20 NM SQQ
THR RWY 14L	55 54.41N 023 22.76E	
Final approach descent angle: 3.00°		

ŠIAULIAI (EYSA)
TACAN
RWY 32R (MIL)



	STRAIGHT-IN APPROACH			CIRCLING APPROACH		
	TACAN					
	MDA(H)	Full	ALS out	MDA(H)	Visibility	
A	800 (350)	RVR 1500m	RVR 2400m	880 (440)	1500m	A
B				1160 (710)	2400m	B
C		RVR 1700m	RVR 2600m	1260 (810)	3600m	C
D				1350 (910)	4300m	D
E						E

TABULAR DESCRIPTION

TACAN INSTRUMENT APPROACH for MILITARY ACFT from IAFs (SQQ, ODASA)		
FIX/POINTS	COORDINATES	FIX FORMATION
EVEGA (HLDG)	55 52.87N 023 05.45E	BRG 082.01° / 10.91 NM SQQ
ODASA (IAF)	55 39.77N 023 24.17E	BRG 351.79° / 12.80 NM SQQ
SQQ TACAN (IAF)	55 52.54N 023 24.81E	
IF	55 44.36N 023 36.45E	BRG 311.37° / 10.50 NM SQQ
FAF	55 48.32N 023 30.83E	BRG 311.37° / 5.43 NM SQQ
MAPt	55 52.54N 023 24.81E	
THR RWY 32R	55 52.85N 023 24.64E	
Final approach descent angle: 3.00°		

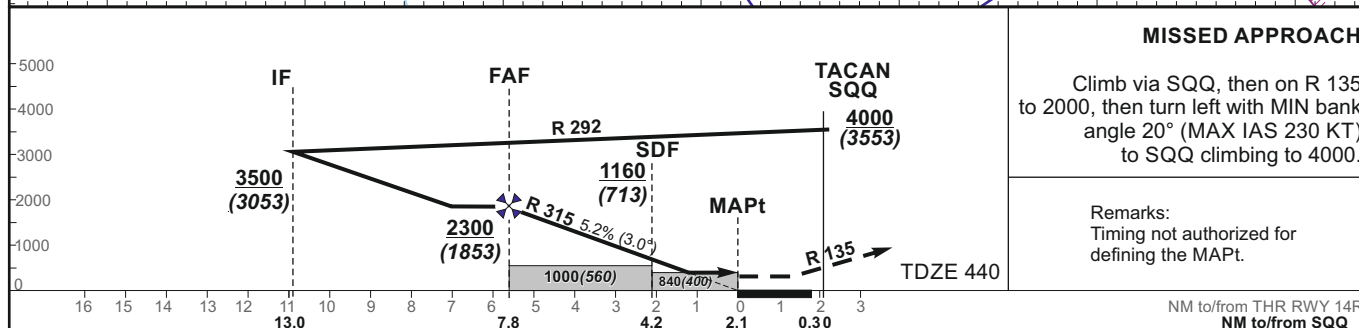
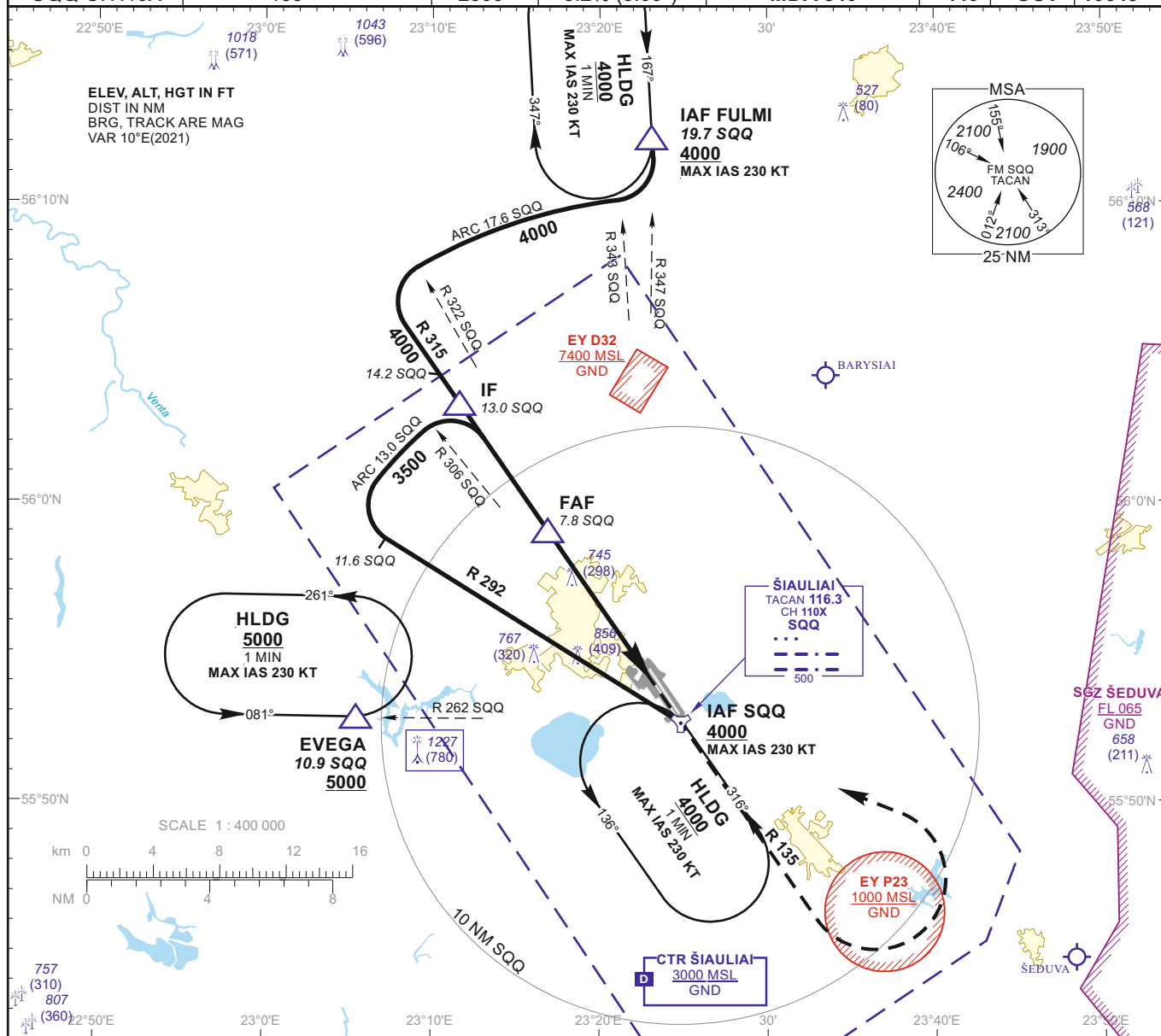
for MILITARY ACFT
TRANSITION LEVEL By ATC
TRANSITION ALT **5000(4553)**

AERODROME ELEV 447
HEIGHTS RELATED TO AD ELEV
THR RWY 14R - ELEV 440

TWR 120.405
ATIS 120.755

ŠIAULIAI (EYSA)
TACAN
RWY 14R (MIL)

TACAN SQQ CH110X	APP COURSE 135°	FAF ALT 2300	Descent GP 5.2% (3.00°)	MDA 840	TDZE 440	ALS OUT	LDA 10643
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GS	Kts	80	100	120	140	160	180	DIST SQQ	7	6	5	4	3
FAF - MAPt 5.7 NM	min:sec	4:16	3:25	2:51	2:26	2:08	1:54	Altitude	2040	1730	1410	1100	780
Rate of descent (5.2%)	ft/min	415	520	625	730	835	940	Height	(1593)	(1283)	(963)	(653)	(333)
	STRAIGHT-IN APPROACH							CIRCLING APPROACH					
	TACAN			TACAN (When SDF not received)			MDA(H)	Visibility					
	MDA(H)	Full	ALS out	MDA(H)	Full	ALS out							
	A	840 (400)	RVR 1100m	1000 (560)	RVR 2000m	RVR 2700m	880 (440)	1500m	A				
	B						1160 (710)	2400m	B				
C	RVR 1800m						RVR 2200m	RVR 2900m	1260 (810)	3600m	C		
D											D		
E							1350 (910)	4300m	E				

ŠIAULIAI (EYSA)
TACAN
RWY 32L (MIL)

GS	Kts	80	100	120	140	160	180	DIST SQQ	5	4	3	2	1
FAF - MAPt 5.4 NM	min:sec	4:03	3:14	2:42	2:19	2:02	1:48	Altitude	2170	1850	1540	1210	900
Rate of descent (5.2%)	ft/min	415	520	625	730	835	940	Height	(1736)	(1416)	(1106)	(776)	(466)
	STRAIGHT-IN APPROACH			CIRCLING APPROACH									
	TACAN												
	MDA(H)	Full	ALS out	MDA(H)	Visibility								
A	800 (370)	RVR 1000m	RVR 1500m	880 (440)	1500m	A							
B				1160 (710)	2400m	B							
C			RVR 1700m	1260 (810)	3600m	C							
D						D							
E				1350 (910)	4300m	E							

