

GENERAL**Operational Hours**| **ATS Hous / AD ADMIN Hours:** HJ**Airport Information****RFF:** CAT 8**PCN:** RWY 05/23: 61/F/B/X/T**DEPARTURE****| Take-off Minima**

RWY		05/23	
All ACFT	ft - m/km	0 - 400V	HJ only

Effective 13-SEP-2018

06-SEP-2018

ELF-HSFS

2-10

Sudan El Fashir

AGC

AFC

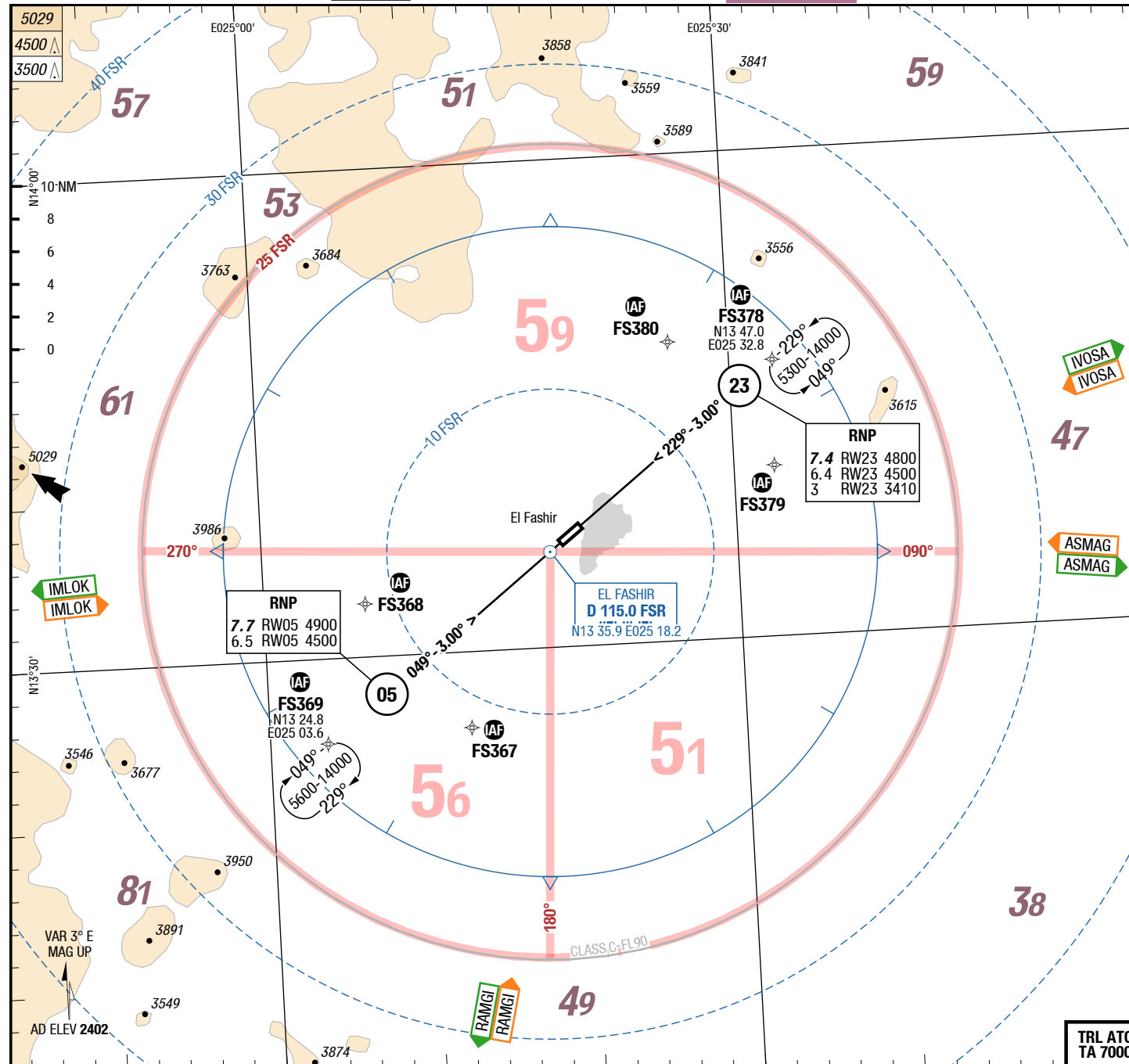
AFC

AFC

El Fashir Sudan

AGC

AFC



APP 118.400 HJ
TWR 118.400 HJ

Landing RWY system:

05 2960 x 45 100 L
200
L-N THR 2384 (84hPa) / TDZ 2388 (---%) +0.2%
100 L 45 x 2960
3.0° 200
-0.2% TDZ 2404 (---%) / THR 2402 (84hPa) L-N 23

Changes: Completely revised

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06-SEP-2018

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3-20

E025°19'

E025°20'

TWR 118.400 HJ

N13°37.5'

N13°37'

N13°36.5'

VAR 3° E
MAG UP

AD ELEV 2402

05

049°
2384



ARP

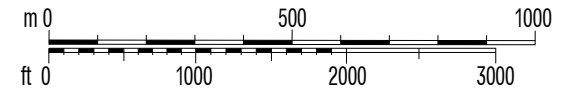
N 13 36.9
E 025 19.5

2960 X 45

APRON

23

229°
2402



Changes: RWY length, Declared distances, RWY ELEV, AD ELEV

Effective 13-SEP-2018

06-SEP-2018

ELF-HSFS

4-10

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RNAV SIDs RWY 23

RNAV SIDs RWY 05

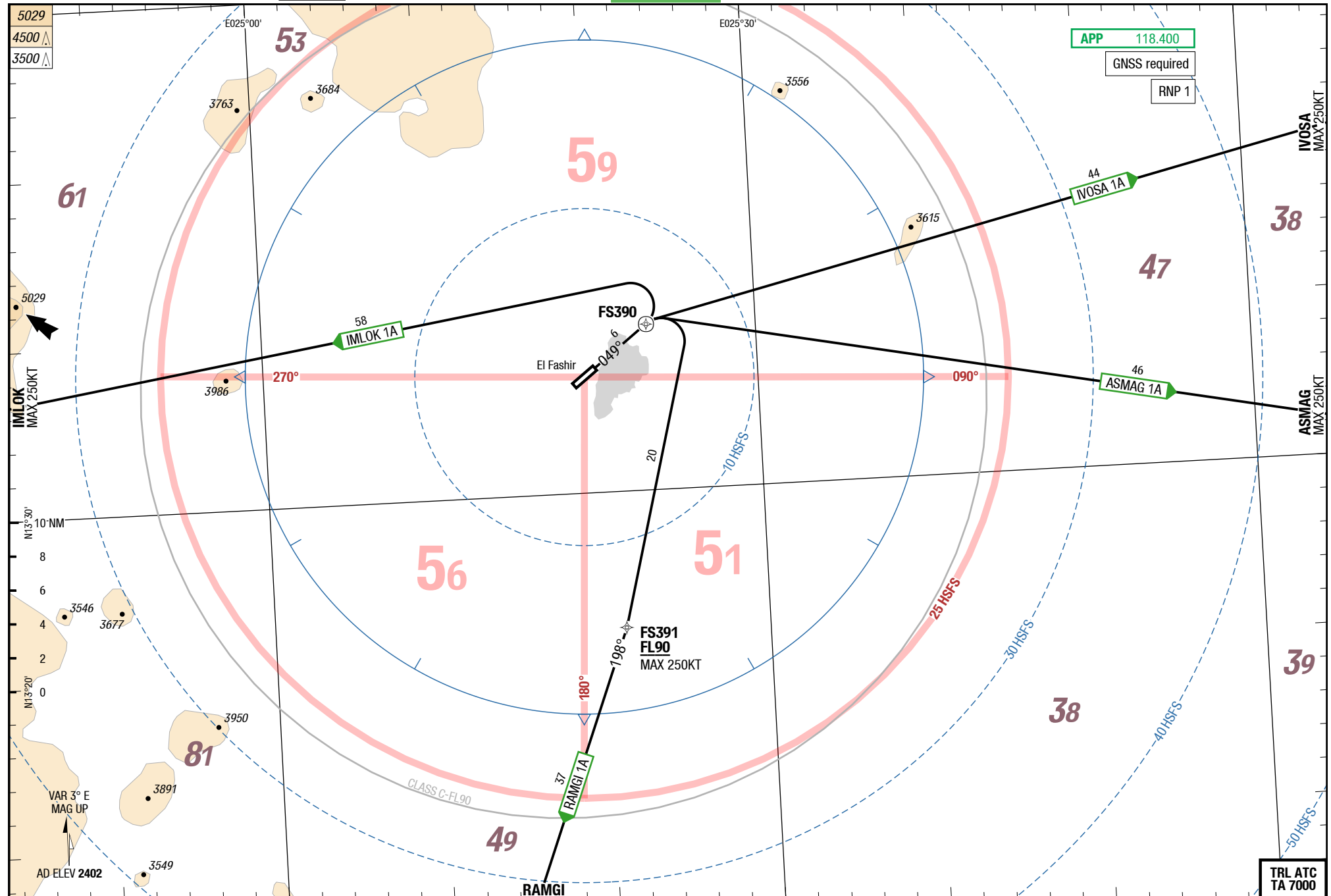
SID

SID

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RNAV SIDs RWY 23

RNAV SIDs RWY 05



Changes: new

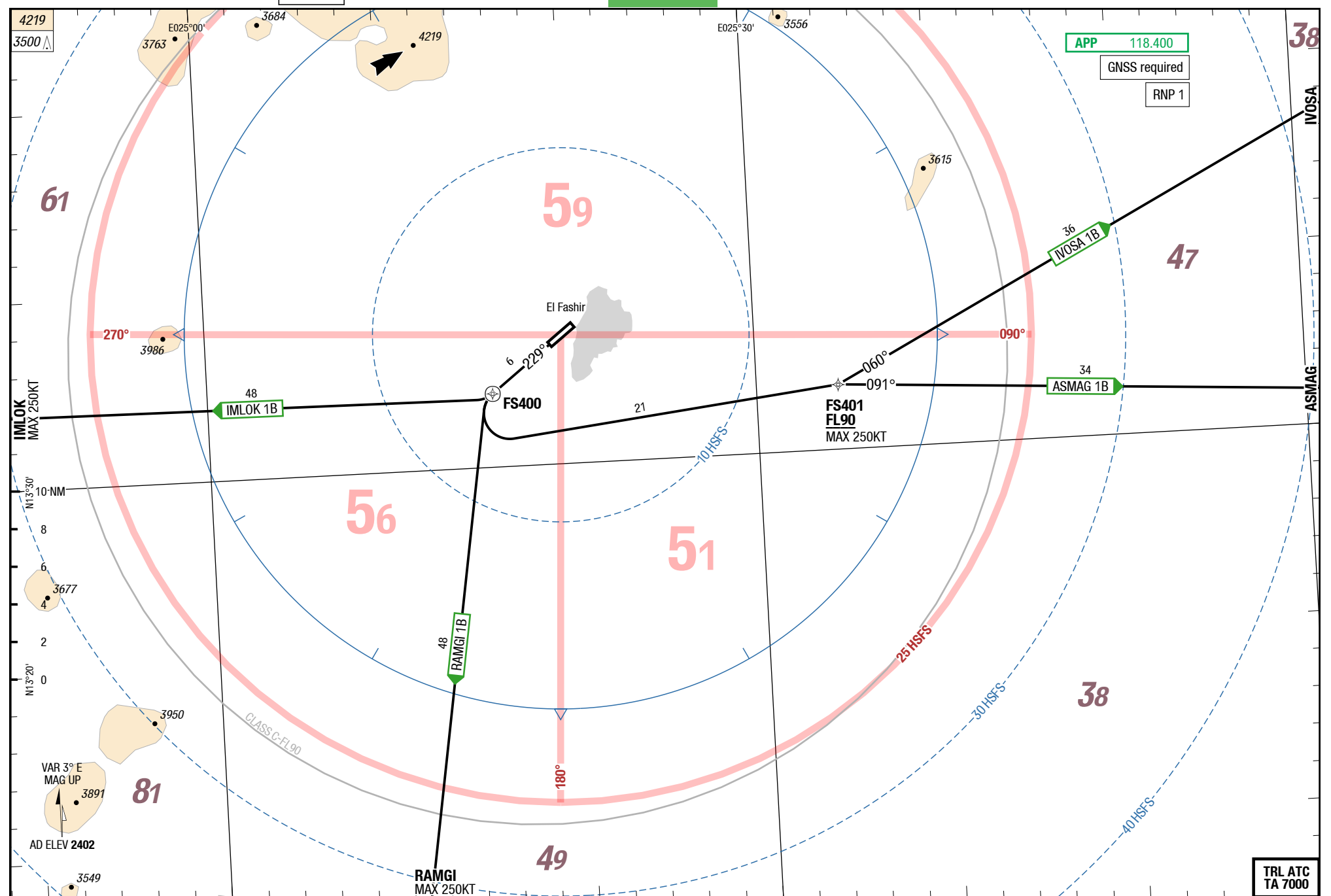
ELF-HSFS

RNAV SIDs RWY 23

SID

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RNAV SIDs RWY 23



Changes: new

TRL ATC
TA 7000

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06-SEP-2018

ELF-HSFS

Sudan El Fashir

SIDs RWY 23

SIDs RWY 05

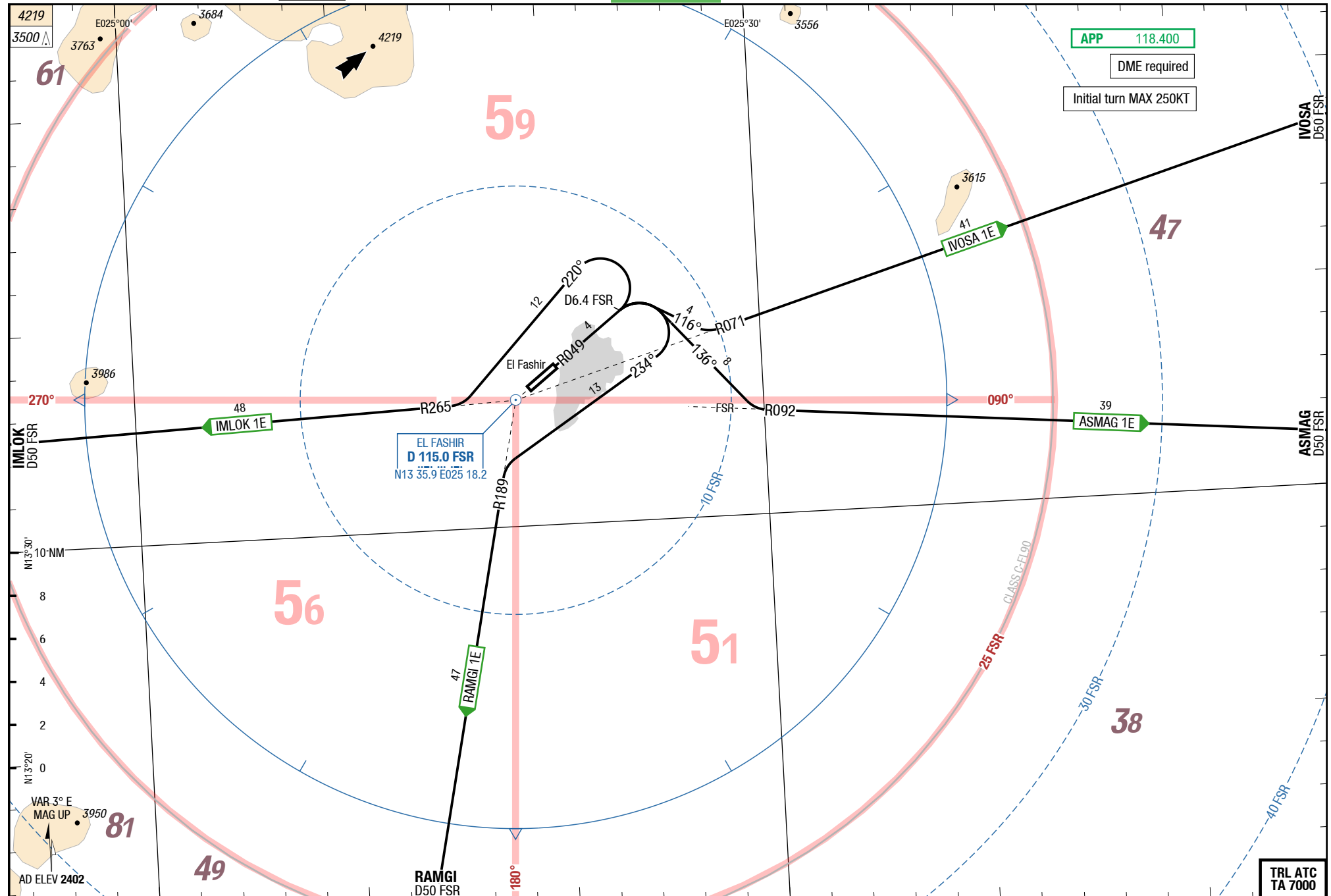
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SIDs RWY 23

SIDs RWY 05



Changes: new

TRL ATC
TA 7000

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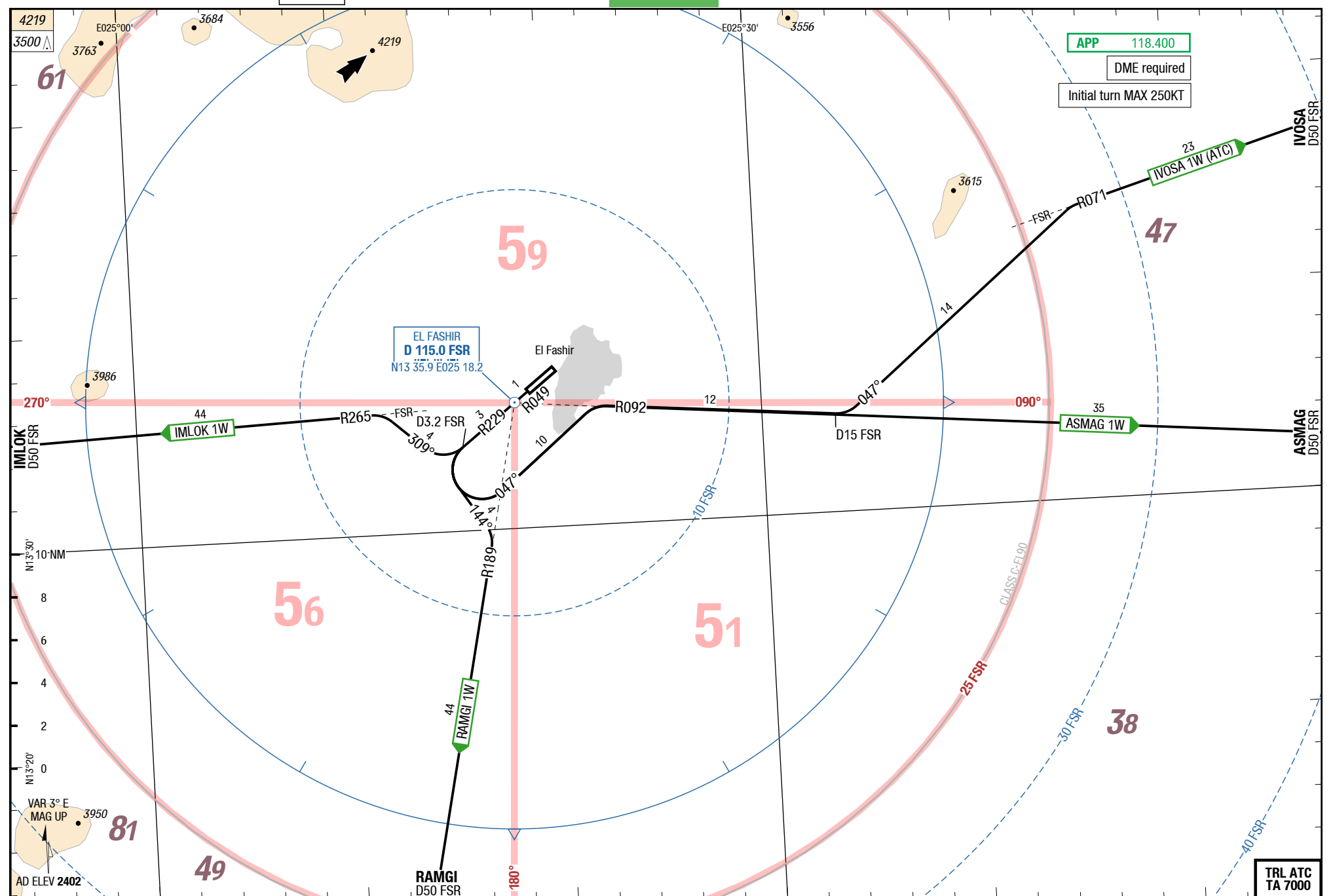
ELF-HSFS

SIDs RWY 23

SID

SID

SIDs RWY 23



Changes: new

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ASMAG 1A / IMLOK 1A / IVOSA 1A / RAMGI 1A

RWY 05 (049°)

	GS	120	150	180	210	240	270
5.4%	ft/MIN	700	900	1000	1200	1400	1500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 05	
ASMAG 1A 5.4% to FS390 118.400	RW05 - <u>FS390</u> - DCT ASMAG [K250-]	
IMLOK 1A 5.4% to FS390 118.400	RW05 - <u>FS390</u> [L] - DCT IMLOK [K250-]	
IVOSA 1A 5.4% to FS390 118.400	RW05 - <u>FS390</u> - DCT IVOSA [K250-]	
RAMGI 1A 5.4% to FS390 5.4% to FS391 118.400 ①	RW05 - <u>FS390</u> [R] - DCT FS391 [K250-] - RAMGI	FS391 MNM FL90

① Climb gradient to FS391 due to ATS. Advise ATC if unable to reach FL90 by FS391.

ASMAG 1B / IMLOK 1B / IVOSA 1B / RAMGI 1B

RWY 23 (229°)

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 23	
ASMAG 1B 4.0% 118.400 ①	RW23 - <u>FS400</u> [L] - DCT FS401 [K250-] - ASMAG	FS401 MNM FL90
IMLOK 1B 118.400	RW23 - <u>FS400</u> - DCT IMLOK [K250-]	
IVOSA 1B 4.0% 118.400 ①	RW23 - <u>FS400</u> [L] - DCT FS401 [K250-] - IVOSA	FS401 MNM FL90
RAMGI 1B 118.400	RW23 - <u>FS400</u> - DCT RAMGI [K250-]	

① Climb gradient due to ATS. Advise ATC if unable to reach FL90 by FS401.

ASMAG 1E / IMLOK 1E / IVOSA 1E / RAMGI 1E

RWY 05 (049°)

	GS	120	150	180	210	240	270
5.4%	ft/MIN	700	900	1000	1200	1400	1500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 05	
ASMAG 1E 5.4% to D6.4 FSR 118.400	R049 FSR - at D6.4 FSR RT 136° (MAX 250KT) - intercept R092 FSR to ASMAG	
IMLOK 1E 5.4% to D6.4 FSR 118.400	R049 FSR - at D6.4 FSR LT 220° (MAX 250KT) - intercept R265 FSR to IMLOK	
IVOSA 1E 5.4% to D6.4 FSR 118.400	R049 FSR - at D6.4 FSR RT 116° (MAX 250KT) - intercept R071 FSR to IVOSA	
RAMGI 1E 5.4% to D6.4 FSR 118.400	R049 FSR - at D6.4 FSR RT 234° (MAX 250KT) - intercept R189 FSR to RAMGI	

ASMAG 1W / IMLOK 1W / IVOSA 1W / RAMGI 1W

RWY 23 (229°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 23	
ASMAG 1W 118.400	R049 FSR to FSR - R229 FSR - at D3.2 FSR LT 047° (MAX 250KT) - intercept R092 FSR to ASMAG	
IMLOK 1W 118.400	R049 FSR to FSR - R229 FSR - at D3.2 FSR RT 309° (MAX 250KT) - intercept R265 FSR to IMLOK	
IVOSA 1W (ATC) 118.400	R049 FSR to FSR - R229 FSR - at D3.2 FSR LT 047° (MAX 250KT) - intercept R092 FSR - at D15 FSR LT 047° - intercept R071 FSR to IVOSA	
RAMGI 1W 118.400	R049 FSR to FSR - R229 FSR - at D3.2 FSR LT 144° (MAX 250KT) - intercept R189 FSR to RAMGI	

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6-10

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RNAV STARs RWY 23

RNAV STARs RWY 05

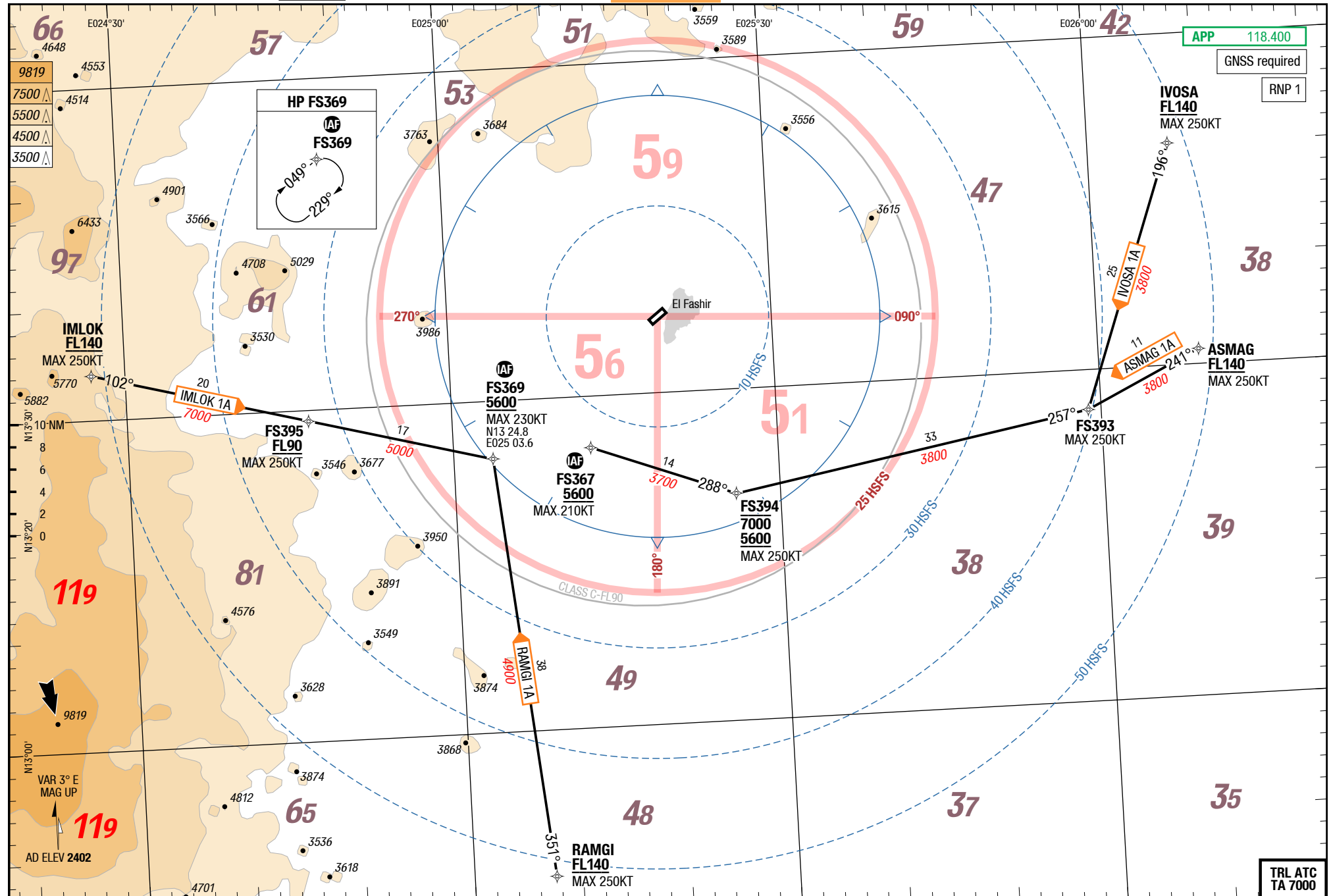
STAR

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RNAV STARs RWY 23

RNAV STARs RWY 05



Changes: new

Effective 13-SEP-2018

06-SEP-2018

ELF-HSFS

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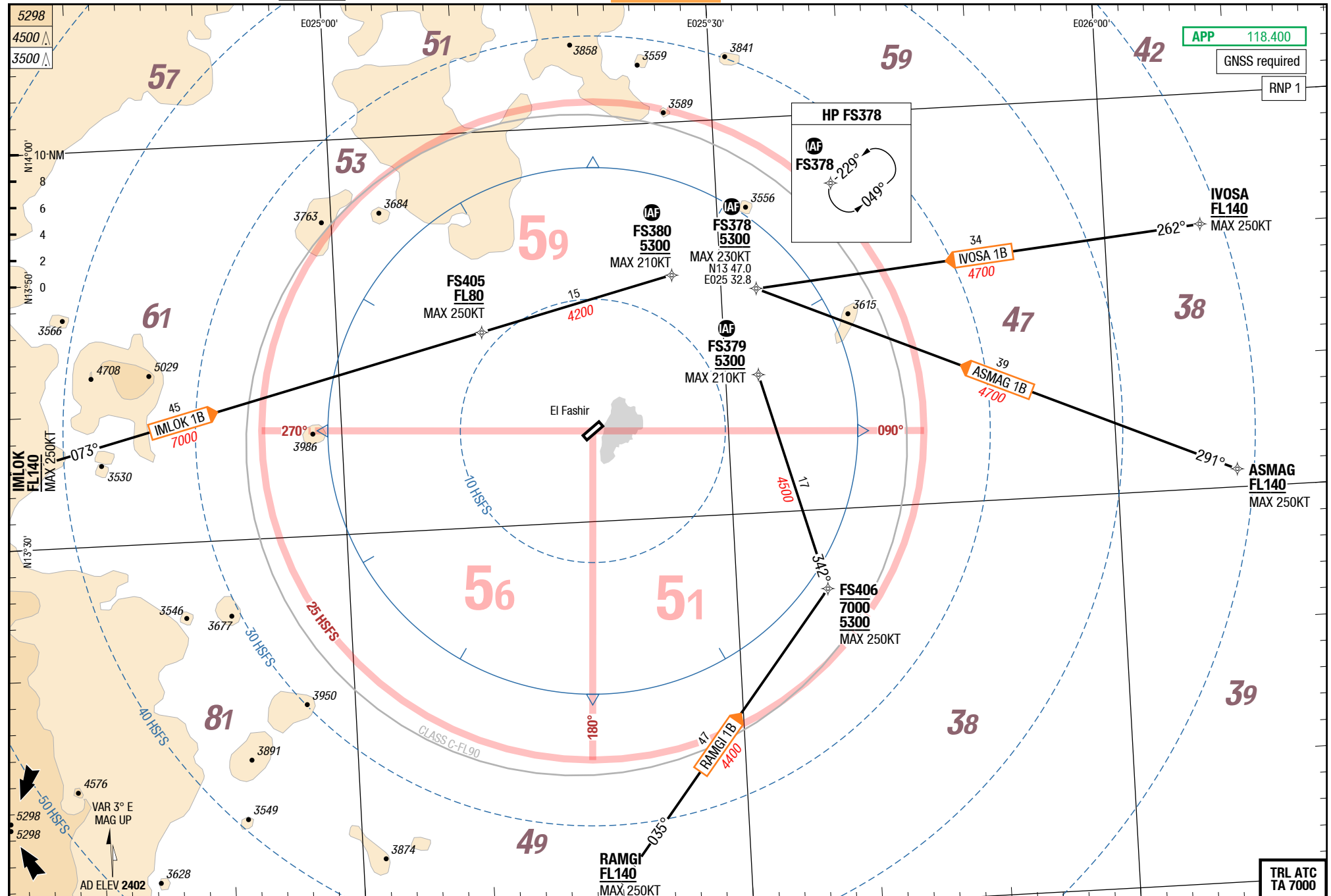
RNAV STARs RWY 23

STAR

STAR

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RNAV STARs RWY 23



Changes: new

Effective 13-SEP-2018

06-SEP-2018

ELF-HSFS

6-30

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STARs RWY 23

STARs RWY 05

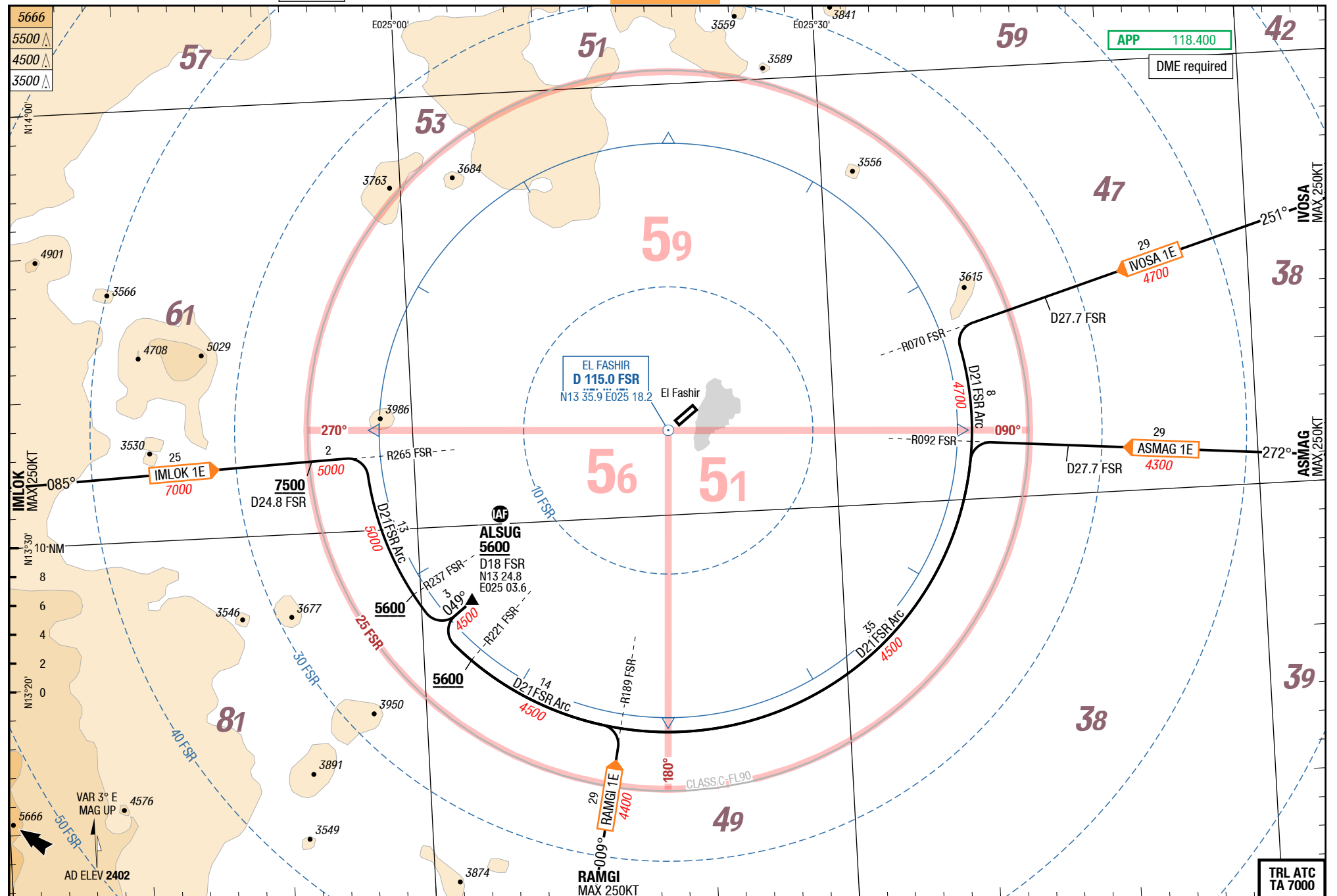
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STARs RWY 23

STARs RWY 05



Changes: new

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06-SEP-2018

ELF-HSFS

6-40

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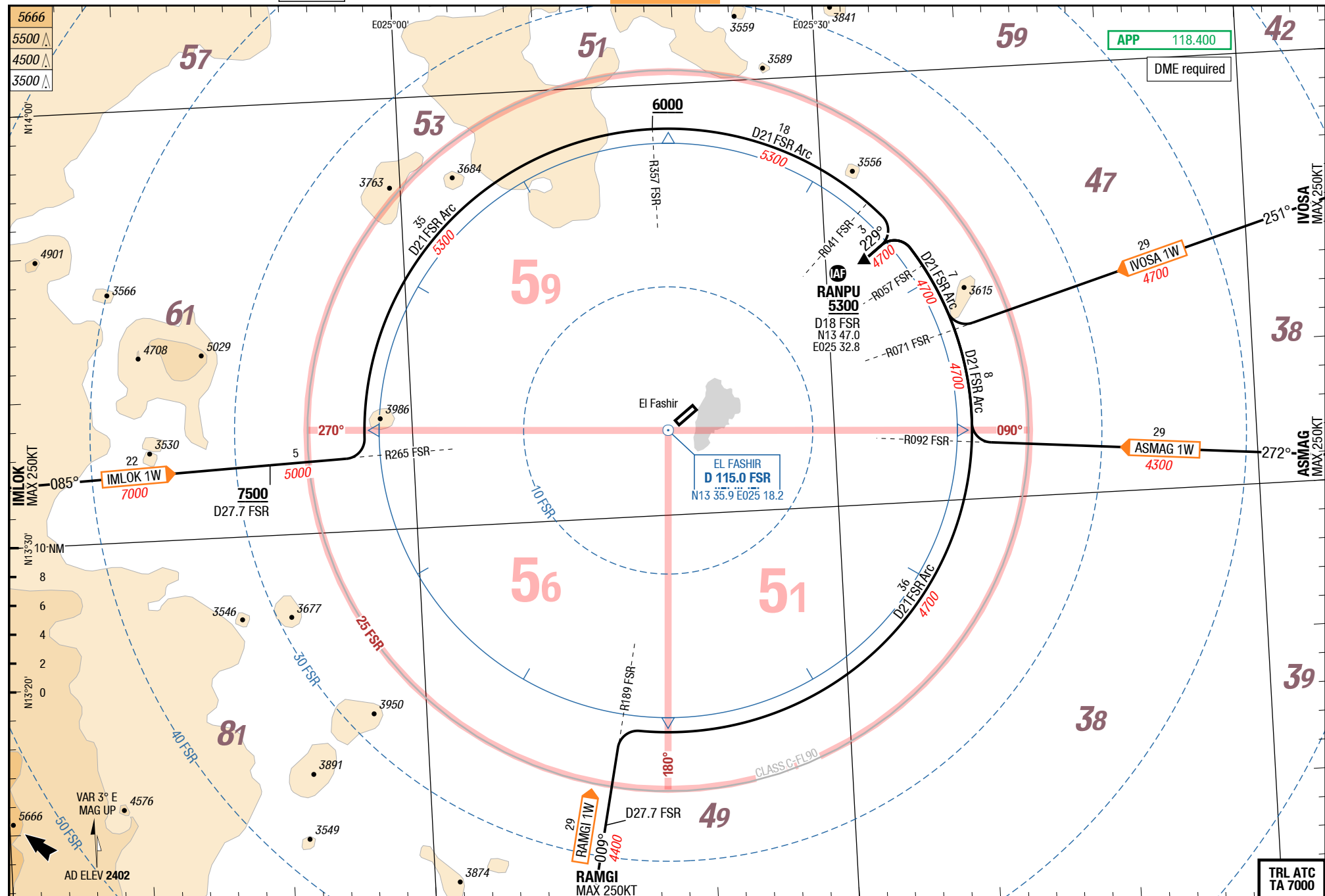
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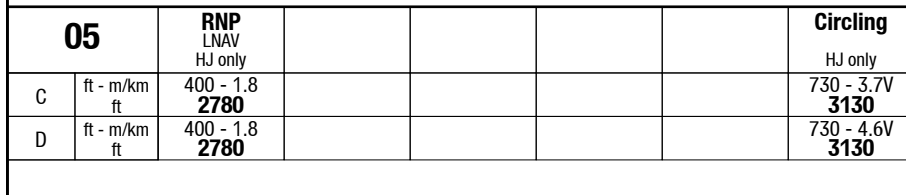
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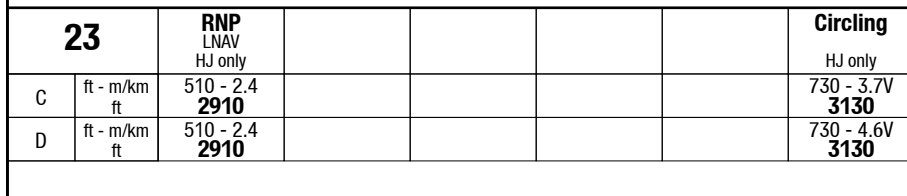
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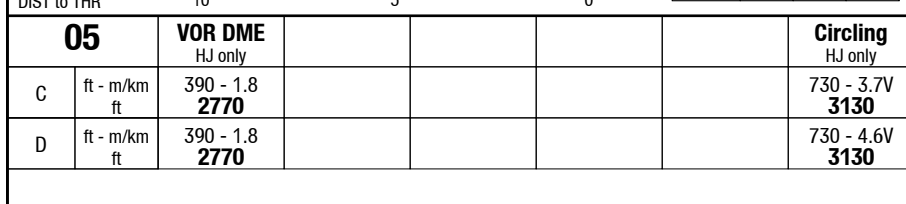
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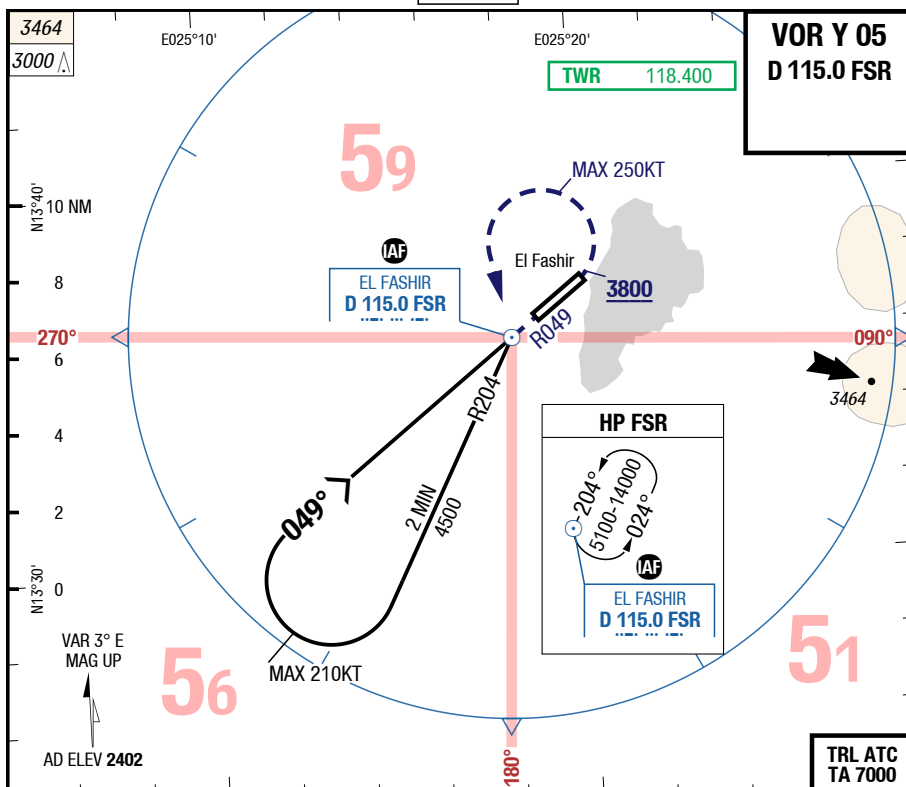




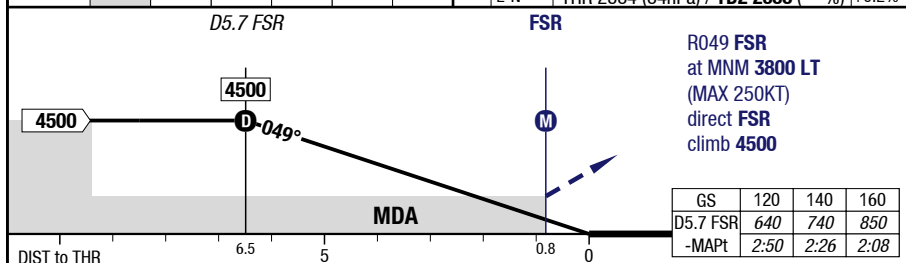


VOR Z 05





3.00° D FSR	5.7	5	4	3	2	05	83.0°	100 L
	4500	4290	3970	3650	3340	L-N	2960 x 45	
							200	
							THR 2384 (84hPa) / TDZ 2388 (---%) +0.2%	



05		VOR				Circling
		HJ only				HJ only
C	ft - m/km ft	720 - 2.4 3100				730 - 3.7V 3130
D	ft - m/km ft	720 - 2.4 3100				730 - 4.6V 3130

