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FOR AIRPORTS AND AIR
NAVIGATION
NATIONAL AIR NAVIGATION
SERVICES COMPANY
CAIRO 11776

AIRAC
AIP SUP
01/2026
25 JUN 2026

Effective from 06 AUG 2026

ENR: Establishment of new ATS routes and new designated points within HECC FIR

This AIRAC AIP SUP will remain valid till the information is incorporated in AIP A.R.E.

Establishment of new designated points, ATS routes and amendment to ATS routes network within Cairo FIR (HECC) with details mentioned in the following pages.

1- NEW Designated Points:

Name	Coordinates	
KARAM	303724.75N0291907.40E	
MODID	304337.81N0291153.41E	
NOKLO	304928.60N0290503.96E	
OTASO	270733.46N0292322.41E	
KURDI	252104.00N02500 00.00E	(FIR BDRY BTN HECC and HLLL)
VEDAB	253713.17N0260953.46E	
TOTOP	260031.50N0255013.05E	
ABAZA	252339.38N0262115.01E	
ASMAB	252632.78N0290012.40E	
ALSEN	290141.94N0311528.87E	
ALVOS	252650.40N0294443.45E	
NORLI	252654.51N0301154.98E	
NAGAR	274004.79N0340949.27E	
KUVRI	284624.60N0314906.65E	
HAZEM	313250.48N0281344.21E	
ALKIT	323102.39N0270244.69E	
SENGU	312724.06N0290433.33E	
TATSO	312301.32N0291139.14E	
EMESO	293127.45N0303422.60E	

2- Deleted Designated points:

- MEKRA
- KASAG
- NITVU
- ALVEV
- TULOP

Renaming of the old ATS route N710 to be Q610 with the same data:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5	6	
Q610							
▲ BOPIX 295154N 0282438E							
	122.45° 302.62°	21.5 NM	UNL FL 085 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 132.200MHZ
▲ KIVIL 293845N 0284415E							
	122.6° 302.76°	22.4 NM	UNL FL 085 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 132.200MHZ
▲ TAKRI 292503N 0290432E							
RNAV 5 BTN FL160/460 inclusive							

NEW ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit Airspace class	Lateral limits	Direction of cruising levels		Controlling unit
					Odd	Even	
1	2	3	4	5	6	7	8
L81							
▣ FIR BDRY(SEPSA) 272552N 0343858E							
	294.8° 113.57°	29.5 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 126.600MHZ
▲ NAGAR 274005N 0340949E							
	293.57° 112.46°	140.8 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 126.600MHZ
▲ KUVRI 284625N 0314907E							
	292.46° 112.19°	33.2 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 132.200MHZ
▲ ALSEN 290142N 0311529E							
	304.72° 124.38°	46.6 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 132.200MHZ
▲ EMESO 293127N 0303423E							
	310.53° 129.9°	92.7 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 127.700MHZ
▲ KARAM 303725N 0291907E							
	309.87° 129.81°	8.8 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 127.700MHZ
▲ MODID 304338N 0291153E							
	309.81° 129.75°	8.3 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 127.700MHZ
▲ NOKLO 304929N 0290504E							
	309.72° 129.28°	61.7 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 127.700MHZ
▲ HAZEM 313250N 0281344E							
	309.25° 129.03°	29.8 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 127.700MHZ
▲ IMSEN 315339N 0274839E							
	308.97° 128.57°	53.9 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 127.700MHZ
RNAV 5 BTN FL160/460 inclusive HR of OPS FM 2200 to 0400							

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
	Airspace class		Odd		Even		
1	2		3	4	5		6
▲ ALKIT 323102N 0270245E							
	308.47° 127.43°	130.3 NM	UNL FL 105 CLASS A, D	10 NM		↓	Cairo ACC FREQ: 127.700MHZ
▣ FIR BDRY(METRU) 340000N 0250900E							For continuation see AIP Greece
RNAV 5 BTN FL160/460 inclusive HR of OPS FM 2200 to 0400							

NEW ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
L712							
▣ FIR BDRY(KURDI) 252104N 0250000E						For continuation see AIP Libya	
	071.46° 251.97°	65.3 NM	UNL FL 355 CLASS A	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ VEDAB 253713N 0260953E							
	071.93° 252.89°	121.7 NM	UNL FL 195 CLASS A	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ NAKDO 260554N 0282101E							
RNAV 5 BTN FL200/460 inclusive							

NEW ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
	Airspace class		Odd		Even		
1	2	3	4	5	6		
N710							
▲ FIR BDRY(KURDI) 252104N 0250000E						For continuation see AIP Libya	
	044.89° 225.25°	60.0 NM	UNL FL 355 CLASS A	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ 132.200MHZ
▲ TOTOP 260032N 0255013E							
	045.07° 226.19°	316.1 NM	UNL FL 195 CLASS A	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ 132.200MHZ
▲ FAYOUM VOR/DME (FYM) 292351N 0302335E							
RNAV 5 BTN FL200/460 inclusive HR of OPS FM 2200 to 0400							

NEW ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
P722							
▣ FIR BDRY(KURDI) 252104N 0250000E						For continuation see AIP Libya	
	083.7° 264.28°	73.6 NM	UNL FL 355 CLASS A	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ ABAZA 252339N 0262115E							
	084.28° 265.42°	143.9 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ ASMAB 252633N 0290012E							
	085.42° 265.74°	40.3 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ ALVOS 252650N 0294443E							
	085.74° 265.94°	24.6 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ NORLI 252655N 0301155E							
	085.94° 266.11°	21.3 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ EL KHARGA VOR/DME (KHG) 252654N 0303527E							
RNAV 5 BTN FL160/460 inclusive							

NEW ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
Q2							
▣ FIR BDRY(KUMBI) 334250N 0284500E							
	142.43° 323.83°	255.3 NM	UNL FL 105 CLASS A, D	10 NM	↓	Cairo ACC FREQ: 124.700MHZ	
▲ CAIRO DVOR/DME (CVO) 300532N 0312318E							
RNAV 5 BTN FL160/460 inclusive HR of OPS FM 2200 to 0400 AVBL only for TFC LDG HECA, HESX, HECP, HEAZ and HEOC							

NEW ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit Airspace class	Lateral limits	Direction of cruising levels		Controlling unit
					Odd	Even	
1	2		3	4	5		6
T141							
▲ SISI 293600N 0324106E							
	301.42° 120.74°	88.0 NM	UNL FL 325 CLASS A	10 NM		↓	Cairo ACC FREQ: 124.700MHZ
▲ MERPI 302756N 0311912E							
	300.73° 120.2°	64.6 NM	UNL FL 325 CLASS A	10 NM		↓	Cairo ACC FREQ: 124.700MHZ
▲ MENKU 310531N 0301806E							
RNAV 5 BTN FL330/460 inclusive HR of OPS FM 2200 to 0400							

NEW ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
T223							
▣ FIR BDRY(SALUN) 340000N 0242700E							
	116.51° 298.24°	189.0 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 127.700MHZ
▲ KUPOX 321834N 0273710E							
	118.36° 298.78°	48.8 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 127.700MHZ
▲ GEROP 315130N 0282504E							
	120.33° 300.68°	41.4 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 127.700MHZ
▲ SENGU 312724N 0290433E							
	120.71° 300.77°	7.5 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 127.700MHZ
▲ TATSO 312301N 0291139E							
	120.74° 300.8°	7.5 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 127.700MHZ
▲ ORNAS 311838N 0291845E							
	112.6° 292.88°	31.4 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 127.700MHZ
▲ ORDIX 310400N 0295107E							
	120.85° 301.63°	98.7 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 124.700MHZ Cairo ACC FREQ: 125.300MHZ WI Cairo TMA
▲ CAIRO DVOR/DME (CVO) 300532N 0312318E							
	128.01° 309.1°	162.9 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 126.600MHZ
▲ GIDID 281300N 0333806E							
	134.32° 314.57°	43.2 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 126.600MHZ
▲ NAGAR 274005N 0340949E							
	137.4° 318.75°	67.8 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 126.600MHZ
RNAV 5 BTN FL160/460 inclusive HR of OPS FM 2200 to 0400							

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
✈ FIR BDRY(SIKNO) 264607N 0345601E						For continuation see AIP Saudi Arabia	
RNAV 5 BTN FL160/460 inclusive HR of OPS FM 2200 to 0400							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6	7	8
A727							
▲ CAIRO DVOR/DME (CVO) 300532N 0312318E							
	158.85° 338.91°	24.4 NM	UNL FL 095 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 132.200 MHZ Cairo ACC FREQ: 125.300 MHZ WI Cairo TMA
▲ SOLAM 294201N 0313106E							
	159.02° 339.14°	44.6 NM	UNL FL 065 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 132.200 MHZ Cairo ACC FREQ: 125.300 MHZ WI Cairo TMA
▲ RASMI 285901N 0314506E							
	159.34° 339.37°	13.1 NM	UNL FL 065 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 132.200 MHZ
▲ KUVRI 284625N 0314907E							
	159.38° 339.49°	46.0 NM	UNL FL 065 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 132.200 MHZ
▲ SEMRU 280200N 0320306E							
	159.12° 339.23°	45.6 NM	UNL FL 065 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 132.200 MHZ
▲ NABED 271801N 0321706E							
	160.22° 340.44°	96.4 NM	UNL FL 065 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 129.400 MHZ
▲ LUXOR VOR/DME (LXR) 254458N 0324607E							
	193.47° 013.32°	66.1 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 129.400 MHZ
▲ BOVAR 244140N 0322419E							
	193.85° 013.66°	86.5 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 129.400 MHZ
▲ LOPID 231900N 0315530E							
	192.36° 012.34°	8.0 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 129.400 MHZ
▲ ITNAR 231117N 0315303E							
	192.32° 012.22°	51.9 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 129.400 MHZ
RNAV 5 BTN FL160/460 inclusive Only odd direction from CVO to LXR above FL200							

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
▲ ABU SIMBEL DVOR/DME (SML) 222118N 0313719E							
	174.04° 354.04°	21.2 NM	UNL FL 055 CLASS A, D	30 NM	↓	↑	Cairo ACC FREQ: 129.400 MHZ
▣ FIR BDRY(NUBAR) 220000N 0313806E							For continuation see AIP Sudan
RNAV 5 BTN FL160/460 inclusive Only odd direction from CVO to LXR above FL200							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
L604							
▲ FIR BDRY(SALUN) 340000N 0242700E							
	146.12° 326.96°	165.1 NM	UNL FL 195 CLASS A	12 NM	↓		Cairo ACC FREQ: 127.700MHZ
▲ SIDI BARRANI VOR/DME (BRN) 313432N 0260020E							
	140.7° 321.76°	196.1 NM	UNL FL 195 CLASS A	12 NM	↓	↑	Cairo ACC FREQ : 127.700 MHZ
▲ DANAD 285106N 0280609E							
	141.19° 322.79°	123.8 NM	UNL FL 195 CLASS A	12 NM	↓	↑	Cairo ACC FREQ : 132.200 MHZ
▲ OTASO 270733N 0292322E							
	142.8° 322.97°	37.5 NM	UNL FL 195 CLASS A	12 NM	↓	↑	Cairo ACC FREQ : 132.200 MHZ
▲ ALTAT 263602N 0294618E							
	142.63° 322.74°	25.3 NM	UNL FL 195 CLASS A	12 NM	↓	↑	Cairo ACC FREQ : 132.200 MHZ
▲ EGPAR 261448N 0300148E							
	143.44° 323.57°	31.3 NM	UNL FL 195 CLASS A	12 NM	↓	↑	Cairo ACC FREQ : 132.200 MHZ
▲ MEVDA 254818N 0302029E							
	143.57° 323.68°	25.3 NM	UNL FL 195 CLASS A	12 NM	↓	↑	Cairo ACC FREQ : 132.200 MHZ
▲ EL KHARGA VOR/DME (KHG) 252654N 0303527E							
	076.73° 256.77°	5.3 NM	FL 245 FL 045 CLASS A, D	12 NM	↓	↑	Cairo ACC FREQ : 130.900 MHZ
▲ KUNAK 252745N 0304112E							
	076.81° 257.32°	64.6 NM	FL 245 FL 045 CLASS A, D	12 NM	↓	↑	Cairo ACC FREQ : 130.900 MHZ
▲ EMENA 253749N 0315147E							
	077.54° 257.93°	49.6 NM	FL 245 FL 045 CLASS A, D	12 NM	↓	↑	Cairo ACC FREQ : 129.400 MHZ
RNAV 5 BTN FL160/460 inclusive WB AVBL for TFC DEP FM Jeddah FIR LDG HELX, HEAT or HESG AP or TFC overflying Cairo FIR to DITAR or LOSUL via KHG/BRN.							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
▲ LUXOR VOR/DME (LXR) 254458N 0324607E							
	078.25° 258.39°	18.4 NM	UNL FL 085 CLASS A, D	12 NM	↓	↑	Cairo ACC FREQ : 129.400 MHZ
▲ ASRAB 254726N 0330619E							
	078.4° 258.85°	56.4 NM	UNL FL 085 CLASS A, D	12 NM	↓		Cairo ACC FREQ : 129.400 MHZ
▲ IVOTI 255442N 0340821E							
	078.87° 259°	17.2 NM	UNL FL 085 CLASS A, D	12 NM	↓		Cairo ACC FREQ : 129.400 MHZ
▲ LORAS 255649N 0342714E							
	079° 259.27°	34.2 NM	UNL FL 085 CLASS A, D	12 NM	↓		Cairo ACC FREQ : 129.400 MHZ
▲ MOGAP 260055N 0350455E							
	079.23° 259.37°	16.8 NM	UNL FL 085 CLASS A, D	12 NM	↓		Cairo ACC FREQ : 129.400 MHZ
▲ FIR BDRY(IMRID) 260253N 0352327E						For continuation see AIP Saudi Arabia	
RNAV 5 BTN FL160/460 inclusive WB AVBL for TFC DEP FM Jeddah FIR LDG HELX, HEAT or HESG AP or TFC overflying Cairo FIR to DITAR or LOSUL via KHG/BRN.							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit	Lateral limits	Direction of cruising levels		Controlling unit
			Lower limit				
			Airspace class		Odd	Even	
1	2	3	4	5	6		
L613							
▲ FIR BDRY(TANSA) 340000N 0264900E							For continuation see AIP Greece
	167.53° 347.61°	61.9 NM	UNL FL 045 CLASS A, D	20 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ ITEXO 325832N 0265834E							
	167.66° 347.7°	27.7 NM	UNL FL 045 CLASS A, D	20 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ ALKIT 323102N 0270245E							
	167.79° 347.88°	72.3 NM	UNL FL 045 CLASS A, D	20 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ MERSA MATRUH DVOR/ DME (MMA) 311911N 0271320E							
	136.52° 317.28°	127.3 NM	UNL FL 085 CLASS A, D	20 NM	↓	↑	Cairo ACC FREQ: 127.700MHZ
▲ KIVIL 293845N 0284415E							
	137.37° 317.6°	40.3 NM	UNL FL 085 CLASS A, D	20 NM	↓	↑	Cairo ACC FREQ 127.700 MHZ
▲ IMREK 290643N 0291220E							
	155.96° 337.39°	151.1 NM	UNL FL 045 CLASS A, D	20 NM	↓	↑	Cairo ACC FREQ 132.200 MHZ
▲ BOPOS 264318N 0300722E							
	157.71° 337.76°	19.6 NM	UNL FL 045 CLASS A, D	20 NM	↓	↑	Cairo ACC FREQ 132.200 MHZ
▲ DEPNO 262438N 0301413E							
	157.53° 337.68°	60.7 NM	UNL FL 045 CLASS A, D	20 NM	↓	↑	Cairo ACC FREQ 130.900 MHZ
▲ EL KHARGA VOR/DME (KHG) 252654N 0303527E							
	158.75° 339.17°	193.5 NM	UNL FL 055 CLASS A, D	20 NM	↓	↑	Cairo ACC FREQ 130.900 MHZ
▲ ABU SIMBEL DVOR/DME (SML) 222118N 0313719E							
RNAV 5 BTN FL160/460 inclusive Portion BTN MMA/SML used in radar environment upper limit FL160							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
M720							
▣ FIR BDRY(DITAR) 265903N 0250000E							For continuation see AIP Libya
	051.17° 231.5°	182.3 NM	UNL FL 195 CLASS A	30 NM	↓	↑	Cairo ACC FREQ:130.900 MHZ or HF 11300 KHZ
▲ LADGA 284143N 0275007E							
	051.34° 231.47°	16.9 NM	UNL FL 195 CLASS A	30 NM	↓	↑	Cairo ACC FREQ: 130.900 MHZ
▲ DANAD 285106N 0280609E							
	051.57° 231.73°	20.5 NM	UNL FL 195 CLASS A	30 NM	↓	↑	Cairo ACC FREQ: 132.200MHZ
▲ OTOGA 290225N 0282542E							
	051.24° 231.56°	40.8 NM	UNL FL 195 CLASS A	30 NM	↓	↑	Cairo ACC FREQ: 132.200MHZ
▲ TAKRI 292503N 0290432E							
	085.67° 266.32°	69.1 NM	UNL FL 195 CLASS A	10 NM	↓	↑	Cairo ACC FREQ: 132.200MHZ
▲ FAYOUM VOR/DME (FYM) 292351N 0302335E							
	046.11° 226.2°	12.1 NM	UNL FL 095 CLASS A,D	5 NM	↓	↑	Cairo ACC FREQ: 132.200MHZ
▲ EMESO 293127N 0303423E							
	046.18° 226.59°	54.5 NM	UNL FL 095 CLASS A,D	5 NM	↓	↑	Cairo ACC FREQ: 132.200MHZ
▲ CAIRO DVOR/DME (CVO) 300532N 0312318E							
RNAV 5 BTN FL200/460 inclusive EXC portion FYM/CVO							
All INBD TFC FM Tripoli FIR shall contact Cairo ACC 20 MIN before reaching DITAR							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
M855							
▲ FIR BDRY(RASDA) 330600N 0305700E							For continuation see AIP Cyprus
	224.82° 044.36°	56.4 NM	UNL FL 055 CLASS A, D	15 NM	↓	↑	Cairo ACC FREQ: 124.700MHZ
▲ MIVOR 322922N 0300603E							
	224.37° 044.08°	36.0 NM	UNL FL 055 CLASS A, D	15 NM	↓	↑	Cairo ACC FREQ: 127.700 MHZ
▲ MUXEB 320549N 0293354E							
	224.1° 044.04°	8.6 NM	UNL FL 055 CLASS A, D	15 NM	↓	↑	Cairo ACC FREQ: 127.700 MHZ
▲ GOMVA 320010N 0292615E							
	224.05° 043.85°	24.8 NM	UNL FL 055 CLASS A, D	15 NM	↓	↑	Cairo ACC FREQ: 127.700 MHZ
▲ NABSI 314352N 0290419E							
	250.93° 070.66°	28.1 NM	UNL FL 085 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 127.700 MHZ
▲ RARMO 313657N 0283222E							
	250.63° 070.47°	16.4 NM	UNL FL 085 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 127.700 MHZ
▲ HAZEM 313250N 0281344E							
	250.48° 070.36°	12.5 NM	UNL FL 085 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 127.700 MHZ
▲ NOMRO 312941N 0275934E							
	250.37° 069.97°	40.9 NM	UNL FL 085 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 127.700 MHZ
▲ MERSA MATRUH DVOR/ DME (MMA) 311911N 0271320E							
	279.1° 098.46°	64.3 NM	UNL FL 085 CLASS A, D	15 NM	↑	↓	Cairo ACC FREQ: 127.700 MHZ
▲ SIDI BARRANI VOR/DME (BRN) 313432N 0260020E							
	273.45° 092.99°	45.1 NM	UNL FL 195 CLASS A	15 NM	↑	↓	Cairo ACC FREQ: 127.700 MHZ
RNAV 5 BTN FL160/460 inclusive All INBD TFC FM Tripoli FIR shall contact Cairo ACC 20 MIN before reaching LOSUL							

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
	Airspace class		Odd		Even		
1	2		3	4	5		6
 FIR BDRY(LOSUL) 314100N 0250800E						For continuation see AIP Libya	
RNAV 5 BTN FL160/460 inclusive All INBD TFC FM Tripoli FIR shall contact Cairo ACC 20 MIN before reaching LOSUL							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit Airspace class	Lateral limits	Direction of cruising levels		Controlling unit
					Odd	Even	
1	2	3	4	5	6		
M872							
▣ FIR BDRY(METRU) 340000N 0250900E							For continuation see AIP Greece
	118.3° 299.3°	110.3 NM	UNL FL 045 CLASS A, D	15 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ ITEXO 325832N 0265834E							
	119.36° 299.61°	28.0 NM	UNL FL 045 CLASS A, D	15 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ LAKBA 324240N 0272556E							
	119.67° 300.54°	102.0 NM	UNL FL 045 CLASS A, D	15 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ NABSI 314352N 0290419E							
	120.53° 300.65°	15.0 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 127.700MHZ
▲ SOBAX 313508N 0291835E							
	174.5° 354.5°	16.5 NM	FL 460 FL 155 CLASS A	10 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ ORNAS 311838N 0291845E							
	174.55° 354.55°	41.1 NM	FL 460 FL 215 CLASS A	10 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ KARAM 303725N 0291907E							
	174.58° 354.58°	19.0 NM	FL 460 FL 215 CLASS A	10 NM		↑	Cairo ACC FREQ: 127.700MHZ
▲ REXUM 301822N 0291917E							
	128.94° 309.47°	78.0 NM	UNL FL 045 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 132.200MHZ
▲ FAYOUM VOR/DME (FYM) 292351N 0302335E							
	128.67° 309.07°	60.2 NM	UNL FL 275 CLASS A	10 NM	↓		Cairo ACC FREQ: 132.200MHZ UNL/FL310 - HJ; UNL/FL280 - HN.
▲ LUBOS 284201N 0311306E							
	126.94° 307.34°	59.5 NM	UNL FL 275 CLASS A	10 NM	↓		Cairo ACC FREQ: 126.600MHZ UNL/FL310 - HJ; UNL/FL280 - HN.
RNAV 5 BTN FL160/460 inclusive Portion BTN REXUM/SOBAX not used in non-radar environment Even direction FM SIKNO to HGD AVBL for TFC LDG HEGN AP							

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
▲ SEMRU 280200N 0320306E							
	113.42° 294.04°	81.1 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 126.600MHZ
▲ BOPOB 272253N 0332316E							
	114.05° 295.24°	25.0 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 126.600MHZ
▲ HURGHADA VOR/DME (HGD) 271040N 0334747E							
	106.62° 287.82°	25.0 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 126.600MHZ
▲ ALMOD 270123N 0341349E							
	107.81° 288.13°	40.7 NM	UNL FL 105 CLASS A, D	10 NM	↓		Cairo ACC FREQ: 126.600MHZ
▣ FIR BDRY(SIKNO) 264607N 0345601E							For continuation see AIP Saudi Arabia
RNAV 5 BTN FL160/460 inclusive Portion BTN REXUM/SOBAX not used in non-radar environment Even direction FM SIKNO to HGD AVBL for TFC LDG HEGN AP							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
P557							
▲ NABSI 314352N 0290419E							
	174.29° 354.29°	16.4 NM	FL 460 FL 215 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700MHZ
▲ SENGU 312724N 0290433E							
	179.33° 354.33°	15.5 NM	FL 460 FL 215 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700MHZ
▲ GOMGO 311152N 0290446E							
	174.34° 354.34°	22.3 NM	FL 460 FL 215 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700MHZ
▲ NOKLO 304929N 0290504E							
	174.24° 354.24°	19.5 NM	FL 460 FL 215 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700MHZ
▲ OBRAN 302957N 0290522E							
	174.37° 354.37°	18.3 NM	FL 460 FL 215 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700MHZ
▲ EGTIP 301134N 0290536E							
	174.43° 354.43°	36.3 NM	FL 460 FL 215 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700MHZ
▲ LOTOB 293510N 0290601E							
	174.44° 354.45°	30.0 NM	FL 460 FL 215 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700 MHZ
▲ MISUK 290507N 0290621E							
	155.99° 337.42°	151.6 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ : 132.200 MHZ
▲ TUDSI 264114N 0300128E							
	157.66° 337.72°	21.7 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ : 130.900 MHZ
▲ DAVIX 262034N 0300904E							
	158.24° 338.32°	33.8 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ : 130.900 MHZ
▲ MEVDA 254818N 0302029E							
	158.33° 338.38°	19.8 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ : 130.900 MHZ
RNAV 5 BTN FL160/460 inclusive Portion BTN NABSI/ALKED not used in non-radar environment							

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
▲ IMLAX 252924N 0302707E							
	158.25° 338.25°	2.7 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ: 130.900 MHZ
▲ VUTAB 252648N 0302802E							
	158.42° 338.44°	7.6 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ: 130.900 MHZ
▲ DESDO 251932N 0303034E							
	158.46° 338.79°	148.3 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ: 130.900 MHZ
▲ ORLEX 225732N 0311859E							
	158.78° 338.86°	37.2 NM	FL 460 FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ: 130.900 MHZ
▲ ALKED 222152N 0313052E							
	158.85° 338.9°	22.8 NM	UNL FL 155 CLASS A	10 NM	↓		Cairo ACC FREQ: 130.900MHZ
▣ FIR BDRY(NUBAR) 220000N 0313806E							For continuation see AIP Sudan
RNAV 5 BTN FL160/460 inclusive Portion BTN NABSI/ALKED not used in non-radar environment							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
Q734							
▲ IMREK 290643N 0291220E							
	354.8° 174.79°	60.7 NM	UNL FL 215 CLASS A	20 NM	↑	↓	Cairo ACC FREQ: 127.700MHZ
▲ TAMAM 300734N 0291205E							
	354.75° 174.75°	16.8 NM	UNL FL 215 CLASS A	20 NM	↑	↓	Cairo ACC FREQ: 127.700MHZ
▲ RALSU 302427N 0291200E							
	354.72° 174.72°	19.1 NM	UNL FL 215 CLASS A	20 NM	↑	↓	Cairo ACC FREQ: 127.700MHZ
▲ MODID 304338N 0291153E							
	354.7° 174.7°	39.3 NM	UNL FL 215 CLASS A	20 NM	↑	↓	Cairo ACC FREQ: 127.700MHZ
▲ TATSO 312301N 0291139E							
	001.36° 181.42°	50.0 NM	UNL FL 055 CLASS A, D	20 NM		↓	Cairo ACC FREQ: 127.700MHZ
▲ NOGLI 321249N 0291811E							
RNAV 5 BTN FL160/460 inclusive Not used in radar environment							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates	Remarks						
	Track MAG ↓ ↑	DIST	Upper limit Lower limit Airspace class	Lateral limits	Direction of cruising levels		Controlling unit
					Odd	Even	
1	2	3	4	5	6		
R2							
▲ FIR BDRY(ATMUL) 220000N 0290527E							
	319.95° 138.85°	252.8 NM	UNL FL 195 CLASS A	50 NM	↑	↓	Cairo ACC FREQ: 130.900MHZ or HF 11300KHZ
▲ ABAZA 252339N 0262115E							
	318.81° 138.72°	17.0 NM	UNL FL 195 CLASS A	50 NM	↑	↓	Cairo ACC FREQ: 130.900MHZ or HF 11300KHZ
▲ VEDAB 253713N 0260953E							
	318.69° 138.55°	29.2 NM	UNL FL 195 CLASS A	50 NM	↑	↓	Cairo ACC FREQ: 130.900MHZ or HF 11300KHZ
▲ TOTOP 260032N 0255013E							
	318.52° 138.14°	73.7 NM	UNL FL 195 CLASS A	50 NM	↑	↓	Cairo ACC FREQ: 130.900MHZ or HF 11300KHZ
▴ FIR BDRY(DITAR) 265903N 0250000E							
RNAV 5 BTN FL200/460 inclusive All INBD TFC FM Tripoli FIR shall contact Cairo ACC 20 MIN before reaching DITAR							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5		6
R650							
▲ ASRAB 254726N 0330619E							
	019.99° 200.13°	43.1 NM	UNL FL 115 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 129.400MHZ
▲ ORBIB 262656N 0332551E							
	020.16° 200.24°	22.8 NM	UNL FL 115 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 129.400MHZ
▲ KUSAT 264748N 0333617E							
	020.21° 200.3°	25.0 NM	UNL FL 115 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 126.600MHZ
▲ HURGHADA VOR/DME (HGD) 271040N 0334747E							
	029.69° 208.81°	25.0 NM	UNL FL 115 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 126.600MHZ
▲ IMLUX 273131N 0340323E							
	028.79° 208.84°	10.3 NM	UNL FL 115 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 126.600MHZ
▲ NAGAR 274005N 0340949E							
	028.86° 208.98°	23.8 NM	UNL FL 115 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 126.600MHZ
▲ SHARM EL SHEIKH DVOR/ DME (SHM) 275953N 0342448E							
	006.99° 187.05°	31.4 NM	UNL FL 115 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 126.600MHZ
▲ DELNA 283040N 0343212E							
	007.77° 187.84°	32.0 NM	UNL FL 115 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 126.600MHZ
▲ NOVPA 290156N 0344016E							
	014.78° 194.88°	32.1 NM	UNL FL 115 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 126.600MHZ
▣ FIR BDRY(NALSO) 293210N 0345242E							For continuation see AIP Israel
RNAV 5 BTN FL160/460 inclusive							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6	7	8
V608							
▲ TONTU 223446N 0284313E							
	001.13° 181.25°	171.9 NM	UNL FL 055 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 130.900MHZ
▲ ASMAB 252633N 0290012E							
	045.79° 225.98°	31.8 NM	UNL FL 055 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 130.900MHZ
▲ DAMPO 254707N 0292708E							
	044.4° 224.66°	41.7 NM	UNL FL 055 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 130.900MHZ
▲ EGPAR 261448N 0300148E							
	044.61° 224.67°	8.7 NM	UNL FL 055 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ DAVIX 262034N 0300904E							
	044.74° 224.78°	6.2 NM	UNL FL 055 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ DEPNO 262438N 0301413E							
	044.92° 224.96°	6.5 NM	UNL FL 055 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ EGNAM 262856N 0301942E							
	044.87° 225.19°	50.1 NM	UNL FL 055 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ ASYUT VOR/DME (AST) 270152N 0310157E							
	072.2° 251.78°	68.9 NM	UNL FL 105 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ NABED 271801N 0321706E							
	089.84° 271.32°	56.2 NM	UNL FL 105 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 126.600MHZ
▲ BOTIX 271302N 0331952E							
	091.31° 271.52°	25.0 NM	UNL FL 105 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 126.600MHZ
RNAV 5 BTN FL160/460 inclusive							

<i>Route Designator {RNP Type}</i>	<i>[Route Usage Notes]</i>						
<i>Significant Point Name Significant Point Coordinates</i>						<i>Remarks</i>	
	<i>Track MAG</i> ↓ ↑	<i>DIST</i>	<i>Upper limit</i> <i>Lower limit</i> <i>Airspace class</i>	<i>Lateral limits</i>	<i>Direction of cruising levels</i>		<i>Controlling unit</i>
					<i>Odd</i>	<i>Even</i>	
1	2		3	4	5		6
▲ HURGHADA VOR/DME (HGD) 271040N 0334747E							
RNAV 5 BTN FL160/460 inclusive							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
W8							
▲ EL KHARGA VOR/DME (KHG) 252654N 0303527E							
	010.02° 190.04°	10.0 NM	UNL FL 085 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ : 130.900 MHZ
▲ GIBAD 253635N 0303807E							
	010.05° 190.22°	87.7 NM	UNL FL 085 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ : 130.900 MHZ
▲ ASYUT VOR/DME (AST) 270152N 0310157E							
	001.61° 180.67°	62.5 NM	UNL FL 205 CLASS A	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ GINDI 280417N 0310852E							
	000.65° 180.68°	37.8 NM	UNL FL 205 CLASS A	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ LUBOS 284201N 0311306E							
	001.07° 181.09°	19.7 NM	UNL FL 105 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ ALSEN 290142N 0311529E							
	001.08° 181.1°	22.3 NM	UNL FL 105 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200MHZ
▲ ALPID 292355N 0311811E							
	001.1° 181.14°	41.8 NM	UNL FL 105 CLASS A, D	10 NM	↑	↓	Cairo ACC FREQ: 132.200 MHZ Cairo ACC FREQ: 125.300 MHZ WI Cairo TMA
▲ CAIRO DVOR/DME (CVO) 300532N 0312318E							
RNAV 5 BTN FL160/460 inclusive							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates							Remarks
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
W601							
▲ EL KHARGA VOR/DME (KHG) 252654N 0303527E							
	207.08° 027.04°	8.6 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ DESDO 251932N 0303034E							
	207.28° 027.22°	15.5 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ VAXOM 250613N 0302141E							
	207.16° 027.06°	24.1 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ TUMAS 244531N 0300759E							
	207.13° 026.56°	151.8 NM	UNL FL 055 CLASS A, D	10 NM	↓	↑	Cairo ACC FREQ: 130.900MHZ
▲ TONTU 223446N 0284313E							
RNAV 5 BTN FL160/460 inclusive							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2		3	4	5	6	
Y554							
▲ ABU SIMBEL DVOR/DME (SML) 222118N 0313719E							
	333.36° 152.85°	178.4 NM	UNL FL 315 CLASS A	10 NM		↓ Cairo ACC FREQ : 129.400MHZ	
▲ VAXOM 250613N 0302141E							
	332.81° 152.74°	22.4 NM	UNL FL 315 CLASS A	10 NM		↓ Cairo ACC FREQ : 132.200MHZ 127.700MHZ	
▲ NORLI 252655N 0301155E							
	332.7° 152.46°	72.7 NM	UNL FL 315 CLASS A	10 NM		↓ Cairo ACC FREQ : 132.200MHZ 127.700MHZ	
▲ NITPI 263348N 0293951E							
	332.42° 152.29°	36.7 NM	UNL FL 315 CLASS A	10 NM		↓ Cairo ACC FREQ : 132.200MHZ 127.700MHZ	
▲ OTASO 270733N 0292322E							
	332.22° 150.77°	125.4 NM	UNL FL 315 CLASS A	10 NM		↓ Cairo ACC FREQ : 132.200MHZ 127.700MHZ	
▲ OTOGA 290225N 0282542E							
	331.62° 150.13°	124.6 NM	UNL FL 315 CLASS A	10 NM		↓ Cairo ACC FREQ : 132.200MHZ 127.700MHZ	
▲ DEPKA 305600N 0272554E							
RNAV 5 BTN FL320/460 inclusive							

Amended ATS ROUTE:

Route Designator {RNP Type}	[Route Usage Notes]						
Significant Point Name Significant Point Coordinates						Remarks	
	Track MAG ↓ ↑	DIST	Upper limit Lower limit	Lateral limits	Direction of cruising levels		Controlling unit
			Airspace class		Odd	Even	
1	2	3	4	5	6		
Z991							
▲ SIDI BARRANI VOR/DME (BRN) 313432N 0260020E							
	145.63° 326.55°	196.9 NM	UNL FL 315 CLASS A	10 NM	↓		Cairo ACC FREQ : 127.700MHZ
▲ LADGA 284143N 0275007E							
	146.76° 328.39°	155.4 NM	UNL FL 315 CLASS A	10 NM	↓		Cairo ACC FREQ : 132.200MHZ
▲ NOLTA 262402N 0291158E							
	148.5° 328.74°	64.2 NM	UNL FL 315 CLASS A	10 NM	↓		Cairo ACC FREQ: 129.400MHZ
▲ ALVOS 252650N 0294443E							
	148.78° 328.95°	46.3 NM	UNL FL 315 CLASS A	10 NM	↓		Cairo ACC FREQ: 129.400MHZ
▲ TUMAS 244531N 0300759E							
	148.94° 329.54°	184.7 NM	UNL FL 315 CLASS A	10 NM	↓		Cairo ACC FREQ: 129.400MHZ
▣ FIR BDRY(NUBAR) 220000N 0313806E						For continuation see AIP Sudan	
RNAV 5 BTN FL320/460 inclusive							

LEGEND

FLIGHT INFORMATION REGION (FIR)
 AREA NAVIGATION ROUTE (RNAV)
 ROUTE DESIGNATOR
 MAGNETIC TRACK
 DISTANCE IN NAUTICAL MILES
 MINIMUM INSTRUMENTS FL

CONTROL ZONE (CTR)
 AERODROME TRAFFIC ZONE
 REPORTING POINT (REP)
 ATS MET REPORTING POINT
 DANGER AIRSPACE
 IDENTIFICATION OF AREA
 NATIONALITY LETTER
 VERTICAL LIMITS
 PROHIBITED
 RESTRICTED
 DODGERS

VHF OMNI DIRECTIONAL RADIO
 RANGE (VOR)
 COMPASS ROSE ORIENTATED
 ON THE CHART TO MAGNETIC (N)

DISTANCE MEASURING EQUIPMENT (DME)
 NAVIGATION AIDS (VOR/DME)

NAME
 NAVIG
 CALL SIGN FREQUENCY
 GEOGRAPHICAL COORDINATES

ISOGONIC LINE OR ISOGAL

**PROJECTION : TRANSVERSE MERCATOR
 ISOGONIC INFORMATION 2025**

ROUTE FROM TO NOTES

A16	RASDA	MERPI	ONLY ODD DIRECTION ABV FL 255
A727	LXR	CVO	ONLY ODD DIRECTION ABV FL 200
L551	GOMVA	NOZ	SB ABVL ONLY FOR TFC LDG HEAX
L617	CVO	NOZ	ONLY EVEN DIRECTION ABV FL 255
NABSI	NOZ		ODD DIRECTION ABVL FOR TFC LDG HESH ONLY
L677	MENLI	SHM	ODD DIRECTION ABVL BELOW FL 155
M872	SIKNO	HGD	EVEN DIRECTION ABVL FOR TFC LDG HEGN AP
V603	SISIK	DASOT	ONLY ODD DIRECTION ABV FL 255
V738	BOVAR	AST	ONLY EVEN DIRECTION ABV FL 200
W605	ASN	LXR	Even direction ABVL only for TFC LDG LXR
W605	LXR	ASN	ABVL only for TFC LDG HESH AP
W727	SEMRU	SHM	ONLY ODD DIRECTION ABV FL 255
W976	SISIK	TBA	ONLY ODD DIRECTION ABV FL 255
Z970	LXR	GINDI	ABVL FOR TFC ABV FL 200

CAUTION
 Egypt RNVA 5 ATS Routes are that all ATS Routes within Cairo FIR in the level band FL 160/460 (inclusive) except that routes with width less than 10NM.
 ALL FLIGHTS WITHIN CAIRO FIR SHOULD NOT FLY BELOW FL 160 EXCEPT IN CONTROL ZONES FOR LANDING AND TAKE OFF.
 Non certified ACFT may operate only on designated VOR airways.

NOTES
 -For name-code designators coordinates see ENR 4.3.
 -L613 portion BTN SML/MMA Upper limit WI non-radar environments is UNL and WI radar environments is FL160.
 -P557 Portion BTN NABSI & ALKED.
 -L321 Portion BTN SML/REXUM.
 -M872 Portion BTN REXUM & SOBAX.
 -P751 Portion BTN KUNKI & MMA and N705 Portion BTN MISUK & MMA not used in non-radar environment.
 -Q734 not used in radar environment.

For FPL purpose there is no DCT ABVL WI Cairo FIR EXC:-
 -FM LOTOB to KUNKI
 -FM SOBAX to NOGLI
 -FM TONTU -ATMUL
 -ATMUL -TONTU
 -FM DEGGI / SENTO and
 -FM MERPI / LAGVI

SCALE
 0 20 40 60 80 100 120 140 160 NM
 0 20 40 60 80 100 120 140 160 KM