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CIVIL AVIATION AUTHORITY
AIR NAVIGATION SERVICES DEPARTMENT
AERONAUTICAL INFORMATION SERVICE
(AIS)

AIP
Amendment 01/25
10 JUL 2025

1. This AIP Amendment contains the following :

- Checklist of AIP pages,
- Changes previously published by AIRAC AIP SUP, AIP SUP and NOTAM ,
- Amend MAG Track for ATS Routes A18, V950, M7, M727, M600, N982, P126, P563 and R845 ,
- Amend coordinates compulsory REP points AMWAJ , IVAKI, KUTAB, REXUN and SAKKR ,
- Amend coordinates and symbol of ZARZAITINE VOR/DME IMN ,
- Amend coordinates, frequency and elevation of Tripoli VOR/DME TPI ,
- Amend coordinates of LABRAQ NDB LAB Page ENR3.2-11 ,
- New Significant point (TUBEX) ,
- Waypoint RAKMU (FIR BDRY) ,
- Rename waypoint RIGED to read KUNEB ,
- Withdrawn of restricted area HL-R42 ,
- Realignment the lateral limits of the Tripoli FIR/UIR ,
- Update En-route Chart .

2. Insert the following pages

PART	Remove		PART	Insert	
	Page No.	Date		Page No.	Date
GEN	0.2-1 / ILB	30 NOV 23 / ILB	GEN	0.2-1 / ILB	10 JUL 25 / ILB
	0.4-1 / 0.4-2	30 NOV 23 / 30 NOV 23		0.4-1 / 0.4-2	10 JUL 25 / 10 JUL 25
ENR	2.1-1 / ILB	30 NOV 23 / ILB	ENR	2.1-1 / ILB	10 JUL 25 / ILB
	3.1-1 / 3.1-2	30 NOV 23 / 05 OCT 23		3.1-1 / 3.1-2	10 JUL 25 / 05 OCT 23
	3.1-3 / 3.1-4	05 OCT 23 / 05 OCT 23		3.1-3 / 3.1-4	10 JUL 25 / 05 OCT 23
	3.1-5 / 3.1-6	05 OCT 23 / 30 NOV 23		3.1-5 / 3.1-6	10 JUL 25 / 10 JUL 25
	3.1-9 / 3.1-10	05 OCT 23 / 30 NOV 23		3.1-9 / 3.1-10	05 OCT 23 / 10 JUL 25
	3.1-11 / 3.1-12	05 OCT 23 / 05 OCT 23		3.1-11 / 3.1-12	10 JUL 25 / 05 OCT 23
	3.1-13 / 3.1-14	30 NOV 23 / 30 NOV 23		3.1-13 / 3.1-14	30 NOV 23 / 10 JUL 25
	3.1-17 / ILB	05 OCT 23 / ILB	ENR	3.1-17 / ILB	10 JUL 25 / ILB
	3.2-1 / 3.2-2	30 NOV 23 / 30 NOV 23		3.2-1 / 3.2-2	30 NOV 23 / 10 JUL 25
	3.2-3 / 3.2-4	30 NOV 23 / 30 NOV 23		3.2-3 / 3.2-4	30 NOV 23 / 10 JUL 25
	3.2-7 / 3.2-8	30 NOV 23 / 30 NOV 23		3.2-7 / 3.2-8	10 JUL 25 / 10 JUL 25
	3.2-11 / 3.2-12	30 NOV 23 / 30 NOV 23		3.2-11 / 3.2-12	30 NOV 23 / 10 JUL 25
	3.2-13 / 3.2-14	30 NOV 23 / 30 NOV 23		3.2-13 / 3.2-14	30 NOV 23 / 10 JUL 25

	3.2-15 / 3.2-16	30 NOV 23 / 30 NOV 23		3.2-15 / 3.2-16	10 JUL 25 / 10 JUL 25
	3.2-17 / 3.2-18	30 NOV 23 / 30 NOV 23		3.2-17 / 3.2-18	10 JUL 25 / 10 JUL 25
	3.4-1 / ILB	30 NOV 23 / ILB		3.4-1 / ILB	10 JUL 25 / ILB
	4.1-1 / 4.1-2	05 OCT 23 / 28 JAN 21		4.1-2 / 4.1-2	10 JUL 25 / 10 JUL 25
	4.4-1 / 4.4-2	05 OCT 23 / 05 OCT 23		4.4-1 / 4.4-2	10 JUL 25 / 10 JUL 25
	4.4-3 / 4.4-4	30 NOV 23 / 05 OCT 23		4.4-3 / 4.4-4	10 JUL 25 / 10 JUL 25
	5.1-1 / ILB	28 JAN 21 / ILB		5.1-1 / ILB	10 JUL 25 / ILB
	6.1-1 / ILB	28 JAN 21 / ILB		6.1-1 / ILB	10 JUL 25 / ILB

3. Record entry of amendment in GEN 0.2

4. This Amendment incorporated the following AIRAC AIP Supplements , AIP Supplement and NOTAM which are hereby cancelled :

AIRAC AIP SUP : 01/24 , 07/24 and 08/24

AIP SUP : 07/18

NOTAM : A0038/25

GEN 0.2 RECORD OF AIP AMENDMENTS

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GEN 0.4 - CHECKLIST OF AIP PAGES

PART 1 - GENERAL (GEN)

GEN 0

0.1-1 13 AUG 20
0.1-2 05 OCT 23
0.1-3 21 OCT 10
0.2-1 10 JUL 25
0.3-1 21 OCT 10
0.4-1 10 JUL 25
0.4-2 10 JUL 25
0.4-3 05 OCT 23
0.5-1 21 OCT 10
0.6-1 21 OCT 10

GEN 1

1.1-1 21 OCT 10
1.2-1 21 OCT 10
1.2-2 21 OCT 10
1.3-1 21 OCT 10
1.4-1 21 OCT 10
1.5-1 21 OCT 10
1.6-1 21 OCT 10
1.6-2 21 OCT 10
1.6-3 21 OCT 10
1.7-1 17 JUN 21
1.7-2 30 NOV 23
1.7-3 20 SEP 12

GEN 2

2.1-1 21 OCT 10
2.1-2 13 AUG 20
2.2-1 21 OCT 10
2.2-2 21 OCT 10
2.2-3 21 OCT 10
2.2-4 21 OCT 10
2.2-5 21 OCT 10
2.2-6 21 OCT 10
2.2-7 21 OCT 10
2.2-8 21 OCT 10
2.2-9 21 OCT 10
2.2-10 21 OCT 10
2.2-11 21 OCT 10
2.3-1 21 OCT 10
2.3-2 21 OCT 10
2.4-1 17 JUN 21
2.4-2 17 JUN 21
2.5-1 13 AUG 20
2.5-2 13 AUG 20
2.6-1 21 OCT 10
2.6-2 21 OCT 10
2.7-1 21 OCT 10
2.7-3 21 OCT 10
2.7-4 21 OCT 10
2.7-5 21 OCT 10
2.7-6 21 OCT 10
2.7-7 21 OCT 10

2.7-8 21 OCT 10
2.7-9 21 OCT 10
2.7-10 21 OCT 10
2.7-11 21 OCT 10
2.7-12 21 OCT 10
2.7-13 21 OCT 10
2.7-14 21 OCT 10

GEN 3

3.1-1 28 JAN 21
3.1-2 20 SEP 12
3.1-3 13 AUG 20
3.1-4 13 AUG 20
3.2-1 20 SEP 12
3.2-2 20 SEP 12
3.2-3 05 OCT 23
3.2-4 05 OCT 23
3.2-5 17 JUN 21
3.2-6 20 SEP 12
3.2-7 20 SEP 12
3.2-8 20 SEP 12
3.3-1 21 OCT 10
3.3-2 21 OCT 10
3.4-1 21 OCT 10
3.4-2 21 OCT 10
3.5-1 21 OCT 10
3.5-2 21 OCT 10
3.5-3 05 OCT 23
3.6-1 21 OCT 10
3.6-2 21 OCT 10
3.6-3 21 OCT 10

GEN 4

4.1-1 21 OCT 10
4.2-1 21 OCT 10

PART 2 - EN-ROUTE (ENR)

ENR 0

0.6-1 30 NOV 23
0.6-2 21 OCT 10

ENR 1

1.1-1 17 JUN 21
1.1-2 21 OCT 10
1.2-1 17 JUN 21
1.2-2 21 OCT 10
1.3-1 17 JUN 21
1.4-1 21 OCT 10
1.4-2 17 JUN 21
1.5-1 21 OCT 10
1.6-1 17 JUN 21
1.6-2 30 NOV 23
1.6-3 21 OCT 10

1.7-1 21 OCT 10
1.7-2 21 OCT 10
1.7-3 17 JUN 21
1.8-1 17 JUN 21
1.8-2 21 OCT 10
1.9-1 21 OCT 10
1.10-1 17 JUN 21
1.10-2 21 OCT 10
1.11-1 21 OCT 10
1.12-1 21 OCT 10
1.12-2 21 OCT 10
1.12-3 21 OCT 10
1.12-4 21 OCT 10
1.13-1 17 JUN 21
1.14-1 21 OCT 10
1.14-2 21 OCT 10
1.14-3 21 OCT 10
1.14-4 21 OCT 10
1.14-5 21 OCT 10
1.14-6 21 OCT 10

ENR 2

2.1-1 10 JUL 25
2.2-1 21 OCT 10

ENR 3.1

3.1-1 10 JUL 25
3.1-2 05 OCT 23
3.1-3 10 JUL 25
3.1-4 05 OCT 23
3.1-5 10 JUL 25
3.1-6 10 JUL 25
3.1-7 05 OCT 23
3.1-8 30 NOV 23
3.1-9 05 OCT 23
3.1-10 10 JUL 25
3.1-11 10 JUL 25
3.1-12 05 OCT 23
3.1-13 30 NOV 23
3.1-14 10 JUL 25
3.1-15 05 OCT 23
3.1-16 05 OCT 23
3.1-17 10 JUL 25

ENR 3.2

3.2-1 30 NOV 23
3.2-2 10 JUL 25
3.2-3 30 NOV 23

3.2-4.....	10 JUL 25
3.2-5.....	30 NOV 23
3.2-6.....	30 NOV 23
3.2-7.....	10 JUL 25
3.2-8.....	10 JUL 25
3.2-9.....	30 NOV 23
3.2-10.....	30 NOV 23
3.2-11.....	30 NOV 23
3.2-12.....	10 JUL 25
3.2-13.....	30 NOV 23
3.2-14.....	10 JUL 25
3.2-15.....	10 JUL 25
3.2-16.....	10 JUL 25
3.2-17.....	10 JUL 25
3.2-18.....	10 JUL 25
3.3-1.....	30 NOV 23
3.4-1.....	10 JUL 25

ENR 4

4.1-1.....	10 JUL 25
4.1-2.....	10 JUL 25
4.2-1.....	21 OCT 10
4.3-1.....	05 OCT 23
4.4-1.....	10 JUL 25
4.4-2.....	10 JUL 25
4.4-3.....	10 JUL 25
4.4-4.....	10 JUL 25

ENR 5

5.1-1.....	10 JUL 25
5.2-1.....	21 OCT 10
5.3-1.....	21 OCT 10
5.4-1.....	21 OCT 10
5.5-1.....	21 OCT 10
5.6-1.....	21 OCT 10

ENR 6

6.1-1.....	10 JUL 25
6.2-1.....	21 OCT 10
6.3-1.....	21 OCT 10
6.7-1.....	21 OCT 10

PART 3 - AERODROMES (AD)**AD 0**

0.5-1	17 JUN 21
0.6-1	20 SEP 12
0.6-2	20 SEP 12
0.6-3	20 SEP 12
0.6-4	20 SEP 12
0.6-5	20 SEP 12
0.6-6	20 SEP 12
0.6-7	20 SEP 12

AD 1

1.1-1	21 OCT 10
1.1-2	21 OCT 10
1.2-1	21 OCT 10
1.3-1	20 SEP 12
1.4-1	20 SEP 12

AD 2

AD 2 HLGD-1	20 SEP 12
AD 2 HLGD-2	21 OCT 10
AD 2 HLGD-3	20 SEP 12
AD 2 HLGD-4	20 SEP 12
AD 2 HLGD-5	20 SEP 12
AD 2 HLGD-6	20 SEP 12
AD 2 HLGD-7	20 SEP 12
AD 2 HLGD-9	20 SEP 12
AD 2 HLGD-11	20 SEP 12
AD 2 HLGD-13	20 SEP 12

AD 2 HLKF-1	20 SEP 12
AD 2 HLKF-2	20 SEP 12
AD 2 HLKF-3	20 SEP 12
AD 2 HLKF-4	20 SEP 12
AD 2 HLKF-5	20 SEP 12
AD 2 HLKF-6	20 SEP 12
AD 2 HLKF-7	20 SEP 12
AD 2 HLKF-9	20 SEP 12
AD 2 HLKF-11	20 SEP 12

AD 2 HLLB-1	20 SEP 12
AD 2 HLLB-2	20 SEP 12
AD 2 HLLB-3	20 SEP 12
AD 2 HLLB-4	20 SEP 12
AD 2 HLLB-5	20 SEP 12
AD 2 HLLB-6	20 SEP 12
AD 2 HLLB-7	20 SEP 12
AD 2 HLLB-9	20 SEP 12
AD 2 HLLB-11	20 SEP 12
AD 2 HLLB-13	20 SEP 12
AD 2 HLLB-15	20 SEP 12
AD 2 HLLB-17	20 SEP 12
AD 2 HLLB-19	20 SEP 12
AD 2 HLLB-21	20 SEP 12
AD 2 HLLB-23	20 SEP 12
AD 2 HLLB-25	20 SEP 12
AD 2 HLLB-27	20 SEP 12
AD 2 HLLB-29	20 SEP 12
AD 2 HLLB-31	20 SEP 12
AD 2 HLLB-33	20 SEP 12
AD 2 HLLB-35	20 SEP 12

AD 2 HLLM-1.....	05 OCT 23
AD 2 HLLM-2.....	13 AUG 20
AD 2 HLLM-3.....	13 AUG 20
AD 2 HLLM-4.....	05 OCT 23
AD 2 HLLM-5.....	05 OCT 23
AD 2 HLLM-6.....	05 OCT 23
AD 2 HLLM-7.....	05 OCT 23
AD 2 HLLM-9	05 OCT 23
AD 2 HLLM-11	05 OCT 23
AD 2 HLLM-13.....	05 OCT 23
AD 2 HLLQ-1	20 SEP 12
AD 2 HLLQ-2	21 OCT 10
AD 2 HLLQ-3	20 SEP 12
AD 2 HLLQ-4	21 OCT 10
AD 2 HLLQ-5	20 SEP 12
AD 2 HLLQ-7	20 SEP 12
AD 2 HLLQ-9	20 SEP 12
AD 2 HLLQ-11	20 SEP 12
AD 2 HLLQ-13	20 SEP 12

AD 2 HLLS-1.....	20 SEP 12
AD 2 HLLS-2.....	20 SEP 12
AD 2 HLLS-3.....	20 SEP 12
AD 2 HLLS-4.....	20 SEP 12
AD 2 HLLS-5.....	17 JUN 21
AD 2 HLLS-6.....	17 JUN 21
AD 2 HLLS-7.....	20 SEP 12
AD 2 HLLS-9.....	20 SEP 12
AD 2 HLLS-11.....	20 SEP 12
AD 2 HLLS-12.....	20 SEP 12
AD 2 HLLS-13.....	20 SEP 12
AD 2 HLLS-14.....	20 SEP 12
AD 2 HLLS-15.....	20 SEP 12
AD 2 HLLS-17.....	20 SEP 12
AD 2 HLLS-19.....	20 SEP 12
AD 2 HLLS-21.....	20 SEP 12
AD 2 HLLS-23.....	20 SEP 12
AD 2 HLLS-25.....	20 SEP 12
AD 2 HLLS-27.....	20 SEP 12
AD 2 HLLS-29.....	20 SEP 12

ENR 2.1 FIR, UIR, TMA and CTA

Emergency Frequency
121.500 MHz
406 MHz

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ENR 3. ATS ROUTES

3.1 Conventional Navigation Routes

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency		
					Odd	Even			
A18									
▲ KADRA NDB KDR N322200E0133700	<u>208°</u> 028°	12	<u>FL660</u> FL195 CLASS A	10			Tripoli Control VHF 120.9 MHz VHF 128.4 MHz		
△ RYHAN N321200E0133000	<u>208°</u> 028°	22	<u>FL195</u> FL065 CLASS C						
△ TAWUS N315218E0131736	<u>208°</u> 028°	29							
▲ MIZDA VOR/DME IZD N312709E0130038	<u>208°</u> 028°	68	<u>FL660</u> FL065 CLASS F	20			Tripoli Information HF 11300 HF 5517		
▲ FUNGI N303636E0120824	<u>221°</u> 041°								
	<u>220°</u> 040°	65							
▲ DERJE N294742E0111900									
▲ ZARZAITINE (FIR BDRY) VOR/DME IMN N280412E0093954	<u>219°</u> 039°	135				only advisory service is provided in this portion of the route			
A403									
▲ GHERIAT NDB GRT N302341E0133509	<u>165°</u> 345°	145	<u>FL660</u> FL195 CLASS A	10			Tripoli Control VHF 120.9 MHz VHF 128.4 MHz		
▲ SHATI N280000E0141236			<u>FL195</u> FL065 CLASS C						
▲ BOXAL N273000E0142012	<u>166°</u> 346°	33							
▣ SEBHA VOR/DME SEB N265944E0142735	<u>165°</u> 345	31	<u>FL660</u> FL065 CLASS F	20			Tripoli Information HF 11300 HF 5517		
▲ TAJAR N242200E0143436	<u>176°</u> 356°	157							
▣ TUMMO (FIR BDRY) N220000E0144020	<u>177°</u> 357°	142							
							only advisory service is provided in this portion of the route		

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
A411							
▲ TANLI (FIR BDRY) N332938E0113000	$\frac{111^\circ}{291^\circ}$	34					Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
▲ REXOS N331700E0120800							
▲ DERKA N330900E0132202	$\frac{097^\circ}{277^\circ}$	63					
▲ KAVOX N325700E0145603	$\frac{098^\circ}{278^\circ}$	79					
▲ GARUS N324000E0170000	$\frac{099^\circ}{279^\circ}$	106	FL660 FL195 CLASS A	10			Benghazi Control VHF129.2MHz VHF 126.5MHz
▲ PEBAN N324000E0180500	$\frac{087^\circ}{267^\circ}$	55					
▣ BENINA VOR/DME BNA N320728 E0201513	$\frac{103^\circ}{283^\circ}$	115	FL195 FL065 CLASS C		↓	↑	
▲ MKILY N315900E0222000	$\frac{091^\circ}{271^\circ}$	106					Tripoli Information HF 11300 HF 5517
▲ TOKBU N315112E0235518	$\frac{092^\circ}{272^\circ}$	81					
▣ LOSUL (FIR BDRY) N314100E0250800	$\frac{099^\circ}{279^\circ}$	64					

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
A420							
▲ TANLI (FIR BDRY) N332938E0113000	<u>124°</u> 304°	50					TRIPOLI CONTROL VHF 120.9 MHz VHF 128.4 MHz
△ FARWA N330000E0121812	<u>126°</u> 306°	22					
▲ ZAWIA VOR/DME ZAW N324643E0123847	<u>106°</u> 286°	25	FL660 FL195 CLASS A				
▲ TRIPOLI VOR/DME TPI N323940.79E0130917.55	<u>099°</u> 280°	102		10	↓	↑	
▲ MISRATA VOR/DME MIS N321852E0150440	<u>091°</u> 271°	98	FL195 FL065 CLASS C				
▲ YAQUT N321300E0170000	<u>091°</u> 271°	71					BENGHAZI CONTROL VHF 129.2MHz VHF 126.5MHz
▲ HAMOR N320900E0182400	<u>088°</u> 268°	94					
▲ BENINA VOR/DME BNA N320728E0201513							

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
B21							
▣ INDOT (FIR BDRY) N342000E0165653	$\frac{147^\circ}{327^\circ}$	23		10		↑	Malta ACC VHF 130.975 MHz
▲ OKLIR N340000E0171049	$\frac{147^\circ}{327^\circ}$	54	FL660 FL195 CLASS A				DEGLI - INDOT ONE WAY NORTHBOUND ONLY.
▲ DEGLI N331248E0174312	$\frac{147^\circ}{327^\circ}$						
▲ PEBAN N324000E0180500	$\frac{148^\circ}{328^\circ}$	38	FL195 FL065 CLASS C				
△ HAMOR N320900E0182400	$\frac{149^\circ}{329^\circ}$	35					BENGHAZI CONTROL VHF 129.2MHz VHF 126.5 MHz
▲ BOURI N314124E0184259	$\frac{147^\circ}{327^\circ}$	32					
▲ MARSA BREGA NDB MB N302506E0193421	$\frac{147^\circ}{327^\circ}$	88					Tripoli INFORMATION HF 11300 HF 5517
▲ DAYFA N281918E0205236	$\frac{148^\circ}{328^\circ}$	143			↓	↑	
△ KARUB N273524E0211524	$\frac{150^\circ}{330^\circ}$	48		20			only advisory service is provided in this portion of the route
▣ KUFRA VOR/DME KFR N240914E0231828	$\frac{148^\circ}{328^\circ}$	234	FL660 FL065 CLASS F				
▣ ORNAT (FIR BDRY) N200000E0250000	$\frac{156^\circ}{336^\circ}$	266					

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
B727 ▲ TOKBU N315112E0235518	<u>296°</u> 116°	111	<u>FL660</u> FL195 CLASS A	10	↑	↓	Benghazi Control VHF 129.2 MHz VHF 126.5 MHz
▲ LABRAQ NDB LAB N324641E0220113							
▣ BENINA VOR/DME BNA N320728E0201513	<u>243°</u> 063°	98	<u>FL195</u> FL065 CLASS C				
▲ BOURI N314124E0184259	<u>249°</u> 069°	83					
▲ CILBA N311800E0172400	<u>249°</u> 069°	71					
▲ SIRTE VOR/DME SRT N310333E0163553	<u>248°</u> 068°	44					
▲ TAMIT N304412E0154654	<u>244°</u> 064°	46					
△ ALBEY N302600E0150000	<u>244°</u> 064°	44		20	↑	↓	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
▲ SWIRF N295300E0134300	<u>244°</u> 064°	74					
▲ HAMRA N293200E0125000	<u>244°</u> 064°	52	<u>FL660</u> FL065 CLASS F				
▲ NGIRT N285200E0112700	<u>244°</u> 064°	82					
▲ ZARZAITINE (FIR BDRY) VOR/DME IMN N280412E0093954	<u>244°</u> 064°	106					
							Only advisory service is provided in this portion of the route

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
G655							
▲ FARES (FIR BDRY) N320949E0105652							Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
▲ GALPO N311534E0113851	<u>144°</u> 324°	65	<u>FL660</u> FL195 CLASS A				
▲ FUNGI N303636E0120824	<u>144°</u> 324°	46		10			Tripoli Information HF 11300 HF 5517
▲ EBITO N301222E0122407	<u>148°</u> 328°	28					
▲ HAMRA N293200E0125000	<u>148°</u> 328°	46			↓	↑	
▣ SEBHA VOR/DME SEB N 265944E0142735	<u>148°</u> 328°	175					Only advisory service is provided in this portion of the route
▲ ELGAN N2425000E0153754	<u>152°</u> 332°	144	<u>FL325</u> FL125 CLASS F	20			
▣ GARIN (FIR BDRY) N220000E0170636	<u>148°</u> 328°	188					
G858							
▣ SEBHA VOR/DME SEB N265944E0142735			<u>FL660</u> FL125 CLASS F				Tripoli Information HF 11300 HF 5517
▲ SAHRA N243812E0133100	<u>198°</u> 018°	150					Sebha Tower VHF119.1MHZ
▣ DEKTU (FIR BDRY) N220000E0122806	<u>199°</u> 019	168		20	↑	↓	Only advisory service is provided in this route

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
J855 ▲ DAHRA VOR/DME DHR N292803E0175554 ▲ HON NDB HON N290800E0155700	<u>258°</u> 078°	106	<u>FL660</u> FL195 CLASS A <u>FL195</u> FL065 CLASS C	10	↑	↓	Tripoli Information HF 11300 HF 5517
J977 ▲ GHADAMES VOR/DME GAD N300949E0094429 ▲ TAZIT N255624E0115418	<u>154°</u> 334°	278	<u>FL660</u> FL195 CLASS A	10	↓	↑	Tripoli Information HF 11300 HF 5517
J980 ▲ GHADAMES VOR/DME GAD N300949E0094429 ▲ NAFUS N304436E0110954 ▲ MIZDA VOR/DME IZD N312709E0130038	<u>063°</u> 243° <u>064°</u> 244°	82 104	<u>FL660</u> FL195 CLASS A <u>FL195</u> FL065 CLASS C	10	↓	↑	Tripoli Information HF 11300 HF 5517 GAD - IZD AVBL FOR HLTD ARR/DEP.

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
R2 ▲ BENINA VOR/DME BNA N320728E0201513 ▲ ARADA N304636E0213348 ▲ DITAR (FIR BDRY) N265903E0250000	137° 317° 139° 319°	105 290	FL660 FL195 CLASS A FL195 FL065 CLASS C	10	↓	↑	Benghazi Control VHF 129.2 MHz VHF 126.5MHz Tripoli Information HF 11300 HF 5517
R778 ▲ TONBA (FIR BDRY) N213518E0195112 ▲ KUFRA VOR/DME KFR N240914E0231828 ▲ DITAR (FIR BDRY) N265903E0250000	048° 228° 025° 205°	245 193	FL660 FL195 CLASS F	20	↓	↑	Kufra Tower VHF 121.9MHz Tripoli Information HF 11300 HF 5517 Only advisory service is provided in this route
R845 ▲ GASRI (FIR BDRY) N335609E0113000 ▲ REXOS N331700E0120800 ▲ ZAWIA VOR/DME ZAW N324643E0123847 ▲ SAKKR N321201E0124800 ▲ MIZDA VOR/DME IZD N312709E0130038 ▲ GHERIAT NDB GRT N302341E0133509	139° 319° 138° 318° 164° 344° 166° 346° 154° 334°	50 40 35 47 70	FL660 FL195 CLASS A FL195 FL065 CLASS C	10	↓	↑	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
V200 ▲ SOLUN N325912E0170000 ▲ IVAKI N325550E0150630 ▲ BREAM N325330E0140500	$\frac{264^\circ}{084^\circ}$ $\frac{264^\circ}{084^\circ}$	97 51	$\frac{FL660}{FL195}$ CLASS A $\frac{FL195}{FL065}$ CLASS C				Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
V400 ▲ TRIPOLI VOR/DME TPI N323940.79E0130917.55 ▲ KHOMS N324024E0135912 ▲ CIBIA N324012E0160112 ▲ GARUS N324000E0170000 ▲ PEBAN N324000E0180500 ▲ MEKDA N324408E0193301 △ ATOLL N324500E0195454 ▲ WHALE N324436E0203300 ▲ LABRAQ NDB LAB N324641E0220113	$\frac{087^\circ}{267^\circ}$ $\frac{087^\circ}{267^\circ}$ $\frac{088^\circ}{268^\circ}$ $\frac{087^\circ}{267^\circ}$ $\frac{084^\circ}{264^\circ}$ $\frac{085^\circ}{265^\circ}$ $\frac{088^\circ}{268^\circ}$ $\frac{085^\circ}{265^\circ}$	44 103 50 55 74 19 32 74	$\frac{FL660}{FL195}$ CLASS A $\frac{FL195}{FL065}$ CLASS C	10			Tripoli Control VHF 120.9 MHz VHF 128.4 MHz Benghazi Control VHF 129.2 MHz VHF 126.5 MHz

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
V500							
▲ MISRATA VOR/DME MIS N321852E0150440	<u>271°</u> 091°	55	<u>FL660</u> FL195 CLASS A	10	↑	↓	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
△ MAGNA N322130E0140000	<u>270°</u> 090°	19					
▲ KADRA NDB KDR N322200E0133700							
▲ ABU ARGUB VOR/DME ABU N322746E0131010	<u>282°</u> 102°	23	<u>FL195</u> FL065 CLASS C				
▲ ZAWIA VOR/DME ZAW N324643E0123847	<u>306°</u> 126°	33					
▲ ZWARA NDB ZAR N325707E0120122	<u>288°</u> 108°	33					
V600							
▲ ABU ARGUB VOR/DME ABU N322746E0131010	<u>133°</u> 313°	23	<u>FL660</u> FL195 CLASS A	10	↓	↑	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
△ RYHAN N321200E0133000							
▲ BENI WALID VOR/DME WLD N314657E0140034	<u>132°</u> 312°	36	<u>FL195</u> FL065 CLASS C				

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
V700							
▣ ABU ARGUB VOR/DME ABU N322746E0131010	$\frac{169^\circ}{349^\circ}$	36	<u>FL660</u> FL195 CLASS A	10	↓	↑	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
▲ TAWUS N315218E0131736		90	<u>FL195</u> FL065 CLASS C				
▲ GHERIAT NDB GRT N302341E0133509	$\frac{169^\circ}{349^\circ}$						
V800							
▣ ABU ARGUB VOR/DME ABU N322746E0131010	$\frac{187^\circ}{007^\circ}$	20	<u>FL245</u> FL195 CLASS A				Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
△ GWASM N320800E0130700		41		10	↓	↑	
▲ MIZDA VOR/DME IZD N312709E0130038	$\frac{186^\circ}{006^\circ}$						
▲ HAMRA N293200E0125000	$\frac{184^\circ}{004^\circ}$	115	<u>FL195</u> FL065 CLASS C				Tripoli Information HF 11300 HF 5517
▲ WANIN N281000E0124800	$\frac{180^\circ}{360^\circ}$	82					
▲ UBARI NDB UBR N263552E0124648	$\frac{180^\circ}{360^\circ}$	94					

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Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
W860							
▲ MITIGA DVOR/DME MTG N325337E0131622	$\frac{108^\circ}{288^\circ}$	14					Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
▲ KUTAB N324856E0133259	$\frac{109^\circ}{289^\circ}$	23					
▲ KHOMS N324024E0135912	$\frac{109^\circ}{289^\circ}$	59	FL660 FL195 CLASS A	10	↓	↑	
▲ MISRATA VOR/DME MIS N321852E0150440	$\frac{109^\circ}{289^\circ}$						Benghazi Control VHF 129.2 MHz VHF 126.5 MHz
△ BAGLI N315636E0160000	$\frac{113^\circ}{293^\circ}$	52	FL195 FL065 CLASS C				
▲ LABAX N314304E0162801	$\frac{116^\circ}{296^\circ}$	27					
▲ CILBA N311800E0172400	$\frac{116^\circ}{296^\circ}$	53					
▲ MARSA BREGA NDB MB N302506E0193421	$\frac{112^\circ}{292^\circ}$	124					

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ENR 3.2 AREA NAVIGATION ROUTES

Route designator Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
L12 (RNP5) ▲ LOTIN (FIR BDRY) N342000E0150959 ▲ NAGDA N321500E0162328 ▣ DAHRA VOR/DME DHR N292803E0175554 ▲ KEBUX N272230E0182810 ▲ AKMID N253830E0185330 ▣ TONBA (FIR BDRY) N213518E0195112	152° 332° 153° 333° 153° 333° 167° 347° 167° 347°	139 185 129 106 248	FL660 FL195 CLASS A FL660 FL195 CLASS F	10 20	↓		Tripoli Control VHF 120.9 MHz VHF 128.4 MHz LOTIN-TONBA ONE WAY SOUTHBOUND ONLY. Tripoli Information HF 11300 HF 5517 Only advisory service is provided in this portion of the route
L31 (RNP5) ▲ LOTIN (FIR BDRY) N342000E0150959 ▲ IVAKI N325550E0150630 ▲ MISRATA VOR/DME MIS N321852E0150440	179° 359° 179° 359°	84 37	FL660 FL195 CLASS A FL195 FL065 CLASS C	10	↓		Tripoli Control VHF 120.9 MHz VHF 128.4 MHz LOTIN-MIS ONE WAY SOUTHBOUND ONLY.

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Route designator (RNP) Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
M214 (RNP5)  SEBHA VOR/DME SEB N265944E0142735  ELGAN N245000E0153754  GARIN (FIR BDRY) N220000E0170636	$\frac{152^\circ}{332^\circ}$ $\frac{152^\circ}{332^\circ}$	144 188	$\frac{FL660}{FL325}$ CLASS F	20	↓	↑	Tripoli Information HF 11300 HF 5517 Only advisory service is provided in this route
M215 (RNP5)  LUMED (FIR BDRY) N342000E0144203  TULIR N332240E0151613  SIRTE VOR/DME SRT N310333E0163553  SOLAB N300235E0165832  NABUR N290307E0172012  KANIR N254613E0182904  TONBA (FIR BDRY) N213518E0195112	$\frac{151^\circ}{331^\circ}$ $\frac{151^\circ}{331^\circ}$ $\frac{151^\circ}{331^\circ}$ $\frac{160^\circ}{340^\circ}$ $\frac{160^\circ}{340^\circ}$ $\frac{161^\circ}{341^\circ}$	64 154 64 62 207 261	$\frac{FL660}{FL195}$ CLASS A $\frac{FL660}{FL195}$ CLASS F	10 20		↑	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz TONBA-LUMED ONE WAY NORTHBOUND ONLY. Tripoli Information HF 11300 HF 5517 Only advisory service is provided in this portion of the route

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Route designator (RNP) Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency			
					Odd	Even				
M727 (RNP5) ▲ ABRAM (FIR BDRY) N342000E0123816	176°	51	<u>FL660</u> FL195 CLASS A	10	↓		ABRAM-ZAW ONE WAY SOUTHBOUND ONLY			
▲ AMWAJ N332908E0123855	<u>176°</u> 356°	42								
▲ ZAWIA VOR/DME ZAW N324643E0123847	<u>166°</u> 346°	82			↓	↑	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz			
▲ MIZDA VOR/DME IZD N312709E0130038	<u>182°</u> 002°	115								
▲ HAMRA N293200E0125000	<u>178°</u> 358°	82	↓	↑				Tripoli Information HF11300 HF 5517		
▲ WANIN N281000E0124800	<u>179°</u> 359°	94								
▲ UBARI NDB UBR N263552E0124648	<u>182°</u> 002°	96			<u>FL660</u> FL195 CLASS F	20	Only advisory service is provided in this portion of the route			
▲ TUBET N250000E0124008	<u>182°</u> 002°	180								
▣ DEKTU (FIR BDRY) N220000E0122806	<u>182°</u> 002°	180								
M731(RNP5) ▲ FARES (FIRBDRY) N320949E0105652	<u>172°</u> 352°	19	<u>FL660</u> FL195 CLASS A	10	↓	↑	Tripoli Information HF 11300 HF 5517			
▲ NALUT N315101E0105854	<u>172°</u> 352°	68								
▲ NAFUS N304436E0110954	<u>172°</u> 352°	57						<u>FL660</u> FL195 CLASS F	20	Only advisory service is provided in this portion of the route
▲ ORBEL N282236E0113218	<u>172°</u> 352°	86								
▲ TAZIT N255624E0115418	<u>172°</u> 352°	147	↓	↑						
▣ DEKTU (FIR BDRY) N220000E0122806	<u>172°</u> 352°	238								

Route designator (RNP) Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
M732 (RNP5) ▲ ELIMO (FIR BDRY) N342000E0162210 ▲ EVRAN N340000E0164635 ▲ DEGLI N331248E0174312 ▲ KUNEB N315251E0192258 ▲ ROTOD N312538E0195724 ▲ ANHAR N303100E0210500 ▣ DITAR (FIR BDRY) N265903E0250000	 <u>133°</u> 313 <u>133°</u> 313 <u>131°</u> 311° <u>130°</u> 310° <u>130°</u> 310° <u>132°</u> 312°	 28 66 116 40 80 296	 FL660 FL195 CLASS A FL195 FL065 CLASS C	10	↓		Benghazi Control VHF 129.2 MHz VHF 126.5 MHz ELIMO-DITAR ONE WAY SOUTHBOUND ONLY Tripoli information HF 11300 HF 5517
M739 (RNP5) ▲ VARIG (FIR BDRY) N342000E0134350 ▲ REXUN N333206E0141539 ▲ MISRATA VOR/DME MIS N321852E0150440	 <u>148°</u> 328° <u>148°</u> 328°	 55 84	 FL660 FL195 CLASS A FL195 FL065 CLASS C	10	↓		Tripoli Control VHF120.9MHz VHF128.4MHz VARIG-MIS ONE WAY SOUTHBOUND ONLY.
M740 (RNP5) ▣ SARKI (FIR BDRY) N342000E0131447 ▲ HITAN N332736E0132509 ▲ NOSRO N325324E0133148 ▲ KADRA NDB KDR N322200E0133700 ▲ KAVEN N300000E0135958 ▣ SEBHA VOR/DME SEB N265944E0142735	 <u>169°</u> 349° <u>171°</u> 351° <u>170°</u> 350° <u>170°</u> 350° <u>170°</u> 350°	 53 35 31 143 181	 FL660 FL195 CLASS A FL195 FL065 CLASS C	10		↑ ↓	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz NOSRO-SARKI ONE WAY NORTHBOUND ONLY. Sebha Tower VHF119.1MHz

Route designator (RNP) Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
N68 (RNP5) ▲ OLMAX (FIR BDRY) N342000E0180750 ▲ NETAG N340032E0181517 ▲ MISIK N330715E0183527 ▲ ORGON N325246E0184052 ▲ GENIN N320840E0185710 ▲ MARSA BREGA NDB MB N302506E0193421	 <u>159°</u> 339° <u>159°</u> 339° <u>159°</u> 339° <u>160°</u> 340° <u>160°</u> 340°	 20 56 15 46 108	 FL660 FL195 CLASS A	 10		 ↑	Malta ACC VHF 123.625 MHz Benghazi Control VHF 129.2 MHz VHF 126.5 MHz MB-OLMAX ONE WAY NORTHBOUND ONLY.
N163 (RNP5) ▲ ABRAM (FIR BDRY) N342000E0123816 ▲ CONCH N325929E0130134 ▣ ABU ARGUB VOR/DME ABU N322746E0131010 ▲ TAWUS N315218 E0131736 ▲ GHERIAT NDB GRT N302341E0133509	 <u>163°</u> 343° <u>164°</u> 344° <u>168°</u> 348° <u>169°</u> 349°	 83 32 36 90	 FL660 FL195 CLASS A	 10	 ↓		Tripoli control VHF 120.9 MHZ VHF 128.4 MHZ ABRAM-GRT ONE WAY SOUTHBOUND ONLY.
N708 (RNP5) ▣ RASNO (FIR BDRY) N342000E0212758 ▲ LABRAQ NDB LAB N324641E0220113 ▲ MKILY N315900E0222000 ▲ OBNUŠ N295401E0232848 ▣ DITAR (FIR BDRY) N265903E0250000	 <u>161°</u> 341° <u>158°</u> 338° <u>151°</u> 331° <u>152°</u> 332°	 97 50 138 192	 FL660 FL195 CLASS A FL195 FL065 CLASS C	 10	 ↓	 ↑	Benghazi Control VHF 129.2 MHz VHF 126.5 MHz LAB-DITAR ONE WAY SOUTH BOUND ONLY Tripoli Information HF 11300 HF 5517

Route designator (RNP) Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
N982 (RNP5) ▲ SARKI (FIR BDRY) N342000E0131447							Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
▲ ODGAX N333754E0135256	$\frac{140^\circ}{320^\circ}$	54	<u>FL660</u> FL195 CLASS A	10		↑	MIS-SARKI ONE WAY NORTHBOUND ONLY.
▲ MISRATA VOR/DME MIS N321852E0150440	$\frac{140^\circ}{320^\circ}$	98					
△ KALIJ N313300E0160000	$\frac{132^\circ}{312^\circ}$	66	<u>FL195</u> FL065 CLASS C				
▲ SIRTE VOR/DME SRT N310333E0163553	$\frac{130^\circ}{310^\circ}$	43					
▲ DAHRA VOR/DME DHR N292803E0175554	$\frac{130^\circ}{310^\circ}$	118		20	↓	↑	Tripoli Information HF 11300 HF 13273
▲ ARRIG N272930E0200112	$\frac{134^\circ}{314^\circ}$	162					
▲ KUFRA VOR/DME KFR N240914E0231828	$\frac{136^\circ}{316^\circ}$	267	<u>FL660</u> FL065 CLASS F				Only advisory service is provided in this portion of the route

Route designator (RNP) Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
P32 (RNP5) ▲ EKLIS (FIR BDRY) N342000E0202855 ▲ RAMLI N334300E0192300 ▲ ORGON N325246E0184052 ▲ CILBA N311800E0172400 ▲ DERNI N301328E0164015 ▲ HON NDB HON N290800E0155700 ▲ ALGAF N281000E0151600 ▲ SEBHA VOR/DME SEB N265944E0142735	234° 054° 213° 033° 212° 032° 212° 032° 208° 028° 210° 030° 210° 030°	66 61 115 75 75 68 82	FL660 FL195 CLASS A	10	↑	↓	Benghazi Control VHF 129.2 MHz VHF 126.5 MHz Tripoli Information HF 11300 HF 5517 Sebha Tower VHF 119.1 MHz

Route designator (RNP) Significant Points Coordinates	Track (MAG)	Distance (NM)	Upper Limit Lower Limit Airspace Classification	Lateral Limits (NM)	Direction of Cruising Levels		Remarks Controlling Units Frequency
					Odd	Even	
P126 (RNP5) ▲ LUMED (FIR BDRY) N342000E0144203 ▲ SAMAK N332404E0145238 ▲ MISRATA VOR/DME MIS N321852E0150440 ▲ NAMWA N312542E0151824 △ NJEIM N305536 E0152736 ▲ HON NDB HON N290800E0155700 ▲ FUGHA N281001E0160541 △ HORUJ N270906E0161442 ▲ TMISA N262548E0162054 ▲ NADED N250000E0163602 ▣ GARIN (FIR BDRY) N220000E0170636	169° 349° 169° 349° 164° 344° 162° 342° 163° 343° 169° 349° 169° 349° 169° 349° 169° 349° 171° 351°	57 					

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ENR 3.4 EN-ROUTE HOLDING

HLDG ID / FIX /WPT Coordinates	INBD TR (*MAG)	Direction of PTN	MAX IAS (KT)	MNM-MAX HLDG LVL FL / FT (MSL)	TIME (MIN) or DIST OUBD	Controlling unit and frequency
1	2	3	4	5	6	7
TRIPOLI VOR/DME (TPI) N323940.79 E0130917.55	320	LEFT	265	FL150-FL290	1 1/2	Tripoli Control 120.9 MHz 128.4 MHz
	090	RIGHT	230	2000 FT -FL140	1	
ABU ARGUB VOR/DME (ABU) N322746 E0131010	140	LEFT	265	FL150 - FL290	1 1/2	Tripoli Control 120.9 MHz 128.4 MHz
BENINA VOR/DME (BNA) N320728 E0201513	330	LEFT	265	FL150 - FL290	1 1/2	Benghazi Control 126.5 MHz 129.2 MHz
	330	LEFT	230	2500 FT - FL140	1	
KUFRA VOR/DME (KFR) N240914 E0231828	196	RIGHT	265	FL140 - FL290	1 1/2	Tripoli FIC HF 11300 HF 5517 TWR VHF121.9
SEBHA VOR/DME (SEB) N265944 E0142735	315	LEFT	265	FL140 - FL290	1 1/2	Tripoli FIC HF 11300 HF 5517 TWR VHF 119.1

The en-route holdings may be used only when indicated as clearance limit or after permission from ATC.

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ENR 4.1 RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 RADIO NAVIGATION AIDS_EN-ROUTE

Name of station (VOR/VAR)	Id	Frequency (CH)	Hours of operation	Co-ordinates	ELEV DME antenna	Remarks
1	2	3	4	5	6	7
ABU ARGUB VOR/DME	ABU	115.1 MHz	H24	N322746 E0131010	489 ft	Nil
BEDA NDB	XS	365 KHz	H24	N283000 E0190000		Nil
BENINA VOR/DME (3°E)	BNA	117.4 MHz	H24	N320723.89 E0201512.85	349 ft	Nil
BENI WALID VOR/DME (1°E)	WLD	115.9 MHz	H24	N314657 E0140034	1000 ft	Nil
DAHRA VOR/DME (2°E)	DHR	116.1 MHz	H24	N292803 E0175554		Nil
GHADAMES VOR/DME (1°E)	GAD	115.800 MHz	H24	N300949 E0094429	1110 ft	Nil
GHAT DVOR/DME (1°E)	GHT	114.8 MHz	H24	N250933 E0100823	2296 ft	Nil
GHERIAT NDB (2°E)	GRT	337 KHz	H24	N302341 E0133509		Nil
JODAY NDB (2°E)	TRO	328 KHz	H24	N324745 E0124940		Nil
JUFRA NDB	JFR	438 KHz	H24	N291200 E0160018		Nil
KADRA NDB (2°E)	KDR	429 KHz	H24	N322200 E0133700		Nil
KUFRA VOR/DME (3°E)	KFR	113.2 MHz	H24	N240914 E0231828	1376 ft	Nil
LABRAQ NDB (2°E)	LAB	392 KHz	H24	N324641 E0220113		Nil
MARSA BREGA NDB (3°E)	MB	403 KHz	H24	N302506 E0193421		Nil
MISRATA VOR/DME (2°E)	MIS	117.1 MHz	H24	N321852 E0150440	22 ft	Nil
MITIGA DVOR/DME (1°E)	MTG	113.4 MHz	H24	N325337 E0131622	32 ft	Nil
MIZDA VOR/DME (1°E)	IZD	116.5 MHz	H24	N312709 E0130038	1910 ft	Nil
MIZDA NDB (2°E)	IZD	378 KHz	H24	N312646 E0125825		Nil
SARIR NDB (3°E)	GS	305 KHz	H24	N273900 E0223000		Nil

Name of Station (VOR/VAR)	ID	Frequency (CH)	Hours of operation	Coordinates	ELEV DME antenna	Remarks
1	2	3	4	5	6	7
SEBHA VOR/DME (2°E)	SEB	114.7 MHz	H24	N265944 E0142735	1405 ft	Nil
SIRTE VOR/DME (2°E)	SRT	117.0MHz	H24	N310333 E0163553	267 ft	Nil
TAZERBO NDB (3°E)	TZR	269 KHz	H24	N254007 E0210536		Nil
TOBRUK VOR/DME	TBQ	112.3 MHz	H24	N315124 E0235443		Nil
TRIPOLI VOR/DME (2°E)	TPI	114.5 MHz	H24	N323940.79 E0130917.55	267 ft	Nil
UBARI NDB (2°E)	UBR	417 KHz	H24	N263552 E0124648		Nil
ZAWIA VOR/DME	ZAW	117.7 MHz	H24	N324643 E0123847	100 ft	Nil
ZINTAN VOR/DME	ZNT	112.5 MHz	H24	N314829 E0121550		Nil
ZWARA NDB (2°E)	ZAR	432 KHz	H24	N325707 E0120122		Nil

ENR 4.4 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

Name-code designator	Coordinates	ATS route or other route
ABRAM	N342000 E0123816	M727 , P706, N163
AGAAR	N271824 E0140000	W858
AKMID	N253830 E0185330	W858 , L12
ALBEY	N302600 E0150000	B727
ALGAF	N281000 E0151600	W854 , P32
AMTAR	N340000 E0215618	M855
AMWAJ	N332908 E0123855	M727 , P128
ANHAR	N303100 E0210500	M732
ARADA	N304636 E0213348	R2
ARRIG	N272930 E0200112	M999 , J850 , N982
ATOLL	N324500 E0195454	V400 , M620
BAGLI	N315636 E0160000	W860
BONAR	N342000 E0190213	M7 , M620 , M980
BOURI	N314124 E0184259	B21 , B727
BOXAL	N273000 E0142012	A403
BREAM	N325330 E0140500	V200 , V950
BURHA	N272218 E0124724	M999
CIBIA	N324012 E0160112	V400 , P310
CILBA	N311800 E0172400	B727 , W860 , P32
CONCH	N325929 E0130134	V950 , N163
DAMUN	N302805 E0205530	M620
DARIP	N333125 E0210045	M980 , Z177
DAYFA	N281918 E0205236	B21 , J615
DEGLI	N331248 E0174312	B21 , M732 , P128 , P310
DEKTU	N220000 E0122806	G858 , M727 , M731
DERJE	N294742 E0111900	A18 , M731
DERKA	N330900 E0132202	A411 , P563
DERNI	N301328 E0164015	J615 , P32
DISOL	N334113 E0131428	M726 , P709
DITAR	N265903 E0250000	R2 , R778 , M732 , M999 , N708
EBITO	N301222 E0122407	G655 , W853
EKLIS	N342000 E0202855	P32
ELGAN	N245000 E0153754	G655 , M214
ELIMO	N342000 E0162210	M732 , P573
ERMIX	N335819 E0182401	M621
EVRAN	N340000 E0164635	M732
FARES	N320949 E0105652	G655 , M731
FARUJ	N333124 E0184354	M621 , P310
FARWA	N330000 E0121812	A420
FUGHA	N281001 E0160541	M709 , P126
FUNGI	N303636 E0120824	A18 , G655
GALPO	N311534 E0113851	G655 , M600
GARIN	N220000 E0170636	M214 , G655 , P126
GARUS	N324000 E0170000	A411 , V400 , V950
GASRI	N335609 E0113000	R845

Name-code designator	Coordinates	ATS route or other route
GENIN	N320840 E0185710	N68
GHAT	N250933 E0100823	M709 , W85
GWASM	N320800 E0130700	V800
HAMOR	N320900 E0182400	A420 , B21
HAMRA	N293200 E0125000	B727 , G655 , M727 , V800
HITAN	N332736 E0132509	M740 , P128
HORUJ	N270906 E0161442	M999 , J850 , P126
IDOMI	N340000 E0184854	P560
INDOT	N342000 E0165653	B21 , M622 , M979
IVAKI	N325550 E0150630	V200 , L31
KALIJ	N313300 E0160000	N982
KANIR	N254613 E0182904	W858 , M215
KARUB	N273524 E0211524	B21 , M999 ,J850
KAVEN	N300000 E0135958	M740
KAVOX	N325700 E0145603	A411
KEBUX	N272230 E0182810	L12
KHOMS	N324024 E0135912	V400 , W860
KUNEB	N315251 E0192258	M7, M732
KUTAB	N324856 E0133259	W860
LABAX	N314304 E0162801	J730 , W860
LAGSI	N252145 E0194418	W858 , M7
LEBKO	N284908 E0193736	J615 , M7
LETNO	N340000 E0172811	M622
LOSUL	N314100 E0250800	A411 , M855 , M980 , P128
LOTIN	N342000 E0150959	L12 , L31 , P702
LUMED	N342000 E0144203	M215 , P126 , P563
MAGNA	N322130 E0140000	V500
MASIT	N272816 E0194016	J850 , M7 , M999
MEKDA	N324408 E0193301	V400
MISIK	N330715 E0183527	N68
MKILY	N315900 E0222000	A411 , N708
NABUR	N290307 E0172012	M215 , M709
NADED	N250000 E0163602	P126
NAFUS	N304436 E0110954	J980 , M731
NAGDA	N321500 E0162328	J730 , L12
NALUT	N315101 E0105854	M731
NAMWA	N312542 E0151824	J622 , J725 , P126
NETAG	N340032 E0181517	N68 , M979
NGIRT	N285200 E0112700	B727
NJEIM	N305536 E0152736	P126 , J615 , J725
NOSRO	N325324 E0133148	V950 , M707 , M740 , P702 , P706
OBNUS	N295401 E0232848	N708
ODGAX	N333754 E0135256	N982 , P563

Name-code designator	Coordinates	ATS route or other route
OJAAJ	N331548 E0170000	P128
OKLIR	N340000 E0171049	B21
OLMAX	N342000 E0180750	M621 , N68 , P560
ORBEL	N282236 E0113218	M731 , W853
ORGON	N325246 E0184052	N68 , P32
ORNAT	N200000 E0250000	B21
PEBAN	N324000 E0180500	A411 , B21 , V400
PUFER	N325901 E0194748	M620 , P128
RAKMU	N331816 E0242740	-
RAMLI	N334300 E0192300	M620 , M979 , P32 , P310 , P560
RASNO	N342000 E0212758	M1 , N708 , M855 , P310
REDFI	N332030 E0205442	M1
REXOS	N331700 E0120800	A411 , R845 , V950
REXUN	N333206 E0141539	P702 , M739
RIGEM	N324818 E0191536	M7 , M621 , M622 , P573
RODOD	N312538 E0195724	M732
RYHAN	N321200 E0133000	A18 , V600
SAHRA	N243812 E0133100	G858
SAKKR	N321201 E0124800	R845 , V900
SAMAK	N332404 E0145238	P126 , P128
SARKI	N342000 E0131447	M600 , M726 , M740 , N982
SHATI	N280000 E0141236	A403
SHELL	N332024 E0131530	M726 , P706
SINAW	N310600 E0110600	V900
SKATE	N334500 E0130018	M600 , P706
SODOR	N273747 E0220159	M620
SOLAB	N300235 E0165832	M215
SOLUN	N325912 E0170000	V200 , P310
SWIRF	N295300 E0134300	B727
TAJAR	N242200 E0143436	A403
TAMIT	N304412 E0154654	B727 , J615
TANLI	N332938 E0113000	A411 , A420 , P128
TAWUS	N315218 E0131736	A18 , V700 , N163
TAZIT	N255624 E0115418	M709 , M731 , J977
TILAL	N302448 E0162100	J615 , J730
TMISA	N262548 E0162054	W858 , P126
TOKBU	N315112 E0235518	B727 , A411
TOKDA	N303311 E0111144	M600
TONBA	N213518 E0195112	R778 , L12 , M7 , M215
TUBET	N250000 E0124008	M727
TUBEX	N322531 E0152145	P310
TULIR	N332240 E0151613	M215
TUMMO	N220000 E0144020	A403
TUNAR	N332448 E0182212	M622 , P310

Name-code designator	Coordinates	ATS route or other route
TWARG	N250301 E0100200	M709
UKSAG	N330448 E0124530	V950 , M600
VARIG	N342000 E0134350	M707 , M739 , P709
VATAX	N275312 E0215602	M620
VUSOR	N330000 E0232117	M855
WANIN	N281000 E0124800	M727 , W858 , V800
WHALE	N324436 E0203300	V400 , M1
YAQUT	N321300 E0170000	A420

ENR 5 NAVIGATION WARNINGS

ENR 5.1 PROHIBITED, RESTRICTED AND DANGER AREAS

Identification, name and lateral limits	Upper limit Lower limit	Observation/Remarks
RESTRICTED AREAS		
HL(R)-30 N305010 E0103030 N312959 E0102006 N320936 E0113956 N311533 E0113852 N305010 E0103030	<u>FL245</u> GND	By NOTAM
HL(R)-31 N325001 E0113956 N323443 E0122932 N312547 E0123920 N311533 E0113852 N325001 E0113956	<u>FL400</u> GND	By NOTAM
HL(R)-32 N325000 E0130000 N325300 E0131000 N324800 E0131000 N324700 E0130000 N325300 E0131000	<u>4000</u> GND	H24
HL(R)-46 N324300 E0143200 N321600 E0145700 N322300 E0141400 N324200 E0141500 N324300 E0143200	<u>FL245</u> GND	By NOTAM
HL(R)-47 N322300 E0141400 N321600 E0145700 N313400 E0153900 N315200 E0141500 N322300 E0141400	<u>FL245</u> GND	By NOTAM
HL(R)-50 A circle with radius of 25NM centered at N310332 E0163552	<u>FL245</u> GND	By NOTAM
HL(R)-67 N324800 E0220500 N324800 E0222800 N321000 E0223100 N321000 E0220000 N324800 E0220500	<u>FL245</u> GND	By NOTAM
HL(R)-70 N270000 E0123000 N270000 E0135500 N265300 E0135500 N262000 E0123000 N270000 E0123000	<u>FL245</u> GND	By NOTAM

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