



Civil Aviation Authority
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AIRAC AIP Amendment No. 05
Effective Date : 28 JAN 2021

Enclosed herewith is the Amendment No. 05/2021 for the Aeronautical Information Publication (AIP) of Libya.

1- Contents Of The Amendment GEN , ENR & AD

2 - Insert & Removed Pages

1. Please insert the attached replacement pages.
dated AMDT 05/2021 .

GEN

GEN 0.2-1 / ILB
GEN 0.4-1 / 0.4-2
GEN 0.4-3 / ILB
GEN 3.1-1 / 3.1-2

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2. Please destroy the following pages .

GEN

GEN 0.2-1 / ILB
GEN 0.4-1 / 0.4-2
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GEN 3.1-1 / 3.1-2

ENR

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AD

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This current version comprises all existing information contained in .

SUPPLEMENTS : -

010/10,002/15,005/15 Para 2 & 6, 003/17 Para 1, 006/18 & 012/18 Para 2 .

AIRAC :-

01/11, 01/12 01/13 Para 1,2,3,4 & 5, 01/14 ATS Routes , 01/16, 01/17& 01/19
which are cancelled here by ..

GEN 0.2 RECORD OF AIP AMENDMENTS

AIP AMENDMENT			
No./Year	Publication Date	Date Inserted	Inserted by

AIRAC AIP AMENDMENT			
No./Year	Publication Date	Effective Date	Inserted by
01/2007		15 JUL 07	5 TH EDITION
02/2010	23 SEP 10	21 OCT10	
03/2012	09 AUG 12	20 SEP 12	
04/2020	02 JUL 20	13 AUG 20	
05/2021	17 DEC 20	28 JAN 21	

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GEN 0.4 - CHECKLIST OF AIP PAGES

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GEN 3 . SERVICES

GEN 3.1 AERONAUTICAL INFORMATION SERVICES

1. RESPONSIBLE SERVICE

1.1 The Aeronautical Information Service, which forms part of the Directorate of Air Navigation in the Civil Aviation Authority, ensures the flow of information necessary for the safety, regularity and efficiency of international and national air navigation within the area of its responsibility, as indicated under part GEN below. It consists of AIS Headquarters, International NOTAM Office (NOF) and AIS Units established at certain aerodromes as listed below

1.2 AIS Headquarters

Postal

Address: Civil Aviation Authority
Aeronautical Information Service
(AIS)
Gaser Ben Gashir Post Office
PO. Box 97602
ais@caa.gov.ly
[website . caa.gov.ly/ais/](http://website.caa.gov.ly/ais/)
Libya

AFTN Address: HLLLYNYN
TEL +218 21 360 5535 or
Telefax +218 21 563 2338

1.3 International NOTAM Office (NOF)

- a) The International NOTAM office is located in the FIC Building near Tripoli Intl Airport
Telefax: +218 21 5632338
Collective address: HLZZNLNL (NOTAM)
HLZZSLSL (SNOWTAM)
- b) Sub. Office at terminal building gate NR7
Tripoli Intl Airport
Tel: +218 21 5630739
AFS: HLLTZPZX
- c) Sub. Office at Mitiga Intl Airport
Tel: +218 21 3502143
AFS: HLLMZPZX
- d) Sub Unit at Benina Intl Airport
Tel: +218 61 3350089,
Tel / FAX +218 61 3350102
AFS: HLLBZPZX
HLLBYNYX
- e) Sub. Office at Sebha Intl Airport
Tel: +218 71 2630126
AFS: HLLSZPZX

2. AREA OF RESPONSIBILITY

The Aeronautical Information Service responsible for collection and dissemination of information for the entire territory of Libya and for the airspace over the Mediterranean Sea encompassed by the Tripoli FIR.

3. AERONAUTICAL PUBLICATIONS

3.1 The aeronautical information is provided in the form of the integrated aeronautical information package consisting of the following elements:

- Aeronautical Information Publication (AIP) Amendment service to the AIP (AIP AMDT)
- Supplement to the AIP (AIP SUP)
- NOTAM and pre-flight information bulletins (PIB)
- Aeronautical Information Circulars (AIC) and
- Checklists and summaries.

NOTAM and the related monthly checklists are issued via the AFS, while PIB are made available at aerodrome AIS units. All other elements of the package are distributed by airmail.

3.2 Aeronautical Information Publications (AIP)

The AIP, issued in one volume, is the basic aeronautical information document published for Libya and contains information of lasting character essential to air navigation. It is available in English only and is maintained up to date by amendment service consisting of reprinted pages and, in the case of minor amendments, by manuscript corrections. Amendments, together with checklists, are normally issued at regular intervals. If this interval exceeds three calendar months, subscribers are notified of the date of the current checklist.

3.3 Amendment Service to the AIP (AIP AMDT)

Amendments to AIP are made by means of replacement sheets and hand written amendments in case of minor changes.

3.4 Supplement to the AIP (AIP SUP)

Temporary changes of long duration (three months and longer) and information of short duration which consists of extensive text and/or graphics supplementing the permanent information contained in the AIP are published as AIP Supplements (AIP SUP). Operationally significant temporary changes to the AIP are published in accordance with the AIRAC system and its established effective dates and are identified clearly by the acronym AIRAC AIP SUP.

3.5 NOTAMs and Pre-flight Information Bulletins (PIB)

NOTAMs are published as and when necessary to disseminate information of direct operational significance which:

- a) is of a temporary nature:
- b) requires advance distribution: or
- c) is appropriate to the AIP but immediate dissemination is required.

3.5.1 **NOTAM Service**

Series A NOTAM

General rules, en-route navigation and communication facilities, airspace restrictions and activities taking place above FL 245, and information concerning major international aerodromes.

Series B NOTAM

Information on all airspace restrictions, on activities taking place below FL 195 and on other international aerodromes where IFR flights are permitted.

Series D NOTAM

Information on national aerodromes.

Series E NOTAM

Information on heliports.

Series A NOTAM are issued by Tripoli International NOTAM office, and disseminated on the AFTN in the System NOTAM format, each NOTAM is assigned - immediately preceding the text - a serial number preceded by a letter. The serial number starts with Nr. A0001 at 0000UTC on 1st January every year

Series D NOTAM are exchanged between Tripoli NOF and other international NOTAM offices (SEE PAGE GEN 3.1-3).

NOTAM series A and B are issued under series A.

3.6 **Aeronautical Information Circular (AIC)**

The Aeronautical Information Circulars (AIC) contain information on the long-term forecast of any major change in legislation, regulations, procedures or facilities; information of a purely or advisory nature liable to affect flight safety, and information concerning technical, legislative or purely administrative matters. AIC are divided by subject and are issued in two series (A and B). AIC Series A contains information affecting international civil aviation and is given international distribution, while AIC Series B contains information affecting national aviation only and is given national distribution.

Each AIC is numbered consecutively within each series on a calendar year basis. The year, indicated by two digits, is a part of the serial numbers of the AIC, e.g. AIC A 1/96; AIC B 1/96. A checklist of AIC currently in force is issued as an AIC twice a year.

3.7 **Checklist and List of Valid NOTAMs**

A checklist of valid NOTAMs is issued monthly via the AFS. The checklist is followed by a printed list of valid NOTAMs distributed by mail to all recipients of the Integrated Aeronautical Information Package. It contains a plain language (in English) presentation of the valid NOTAMs and information about the number of the latest issued AIP AMDT, AIRAC AIP AMDT, AIP SUP and AIC as well as the numbers of the elements issued under the AIRAC that will become effective or, if none, the NIL AIRAC notification.

3.8 **Sale of Publications**

The said publications can be obtained from the Aeronautical Information Service (AIS). Purchase prices are as indicated below:

The price of AIP and AIP SUP initial purchase including AIP amendments for the calendar year.

- L.D 150 (Libyan Dinars) for Libyan AIP including ring binder
- L.D 25 (Libyan Dinars) for annual amendment AIP SUP, NOTAM & AIRAC Amendment
- L.D 10 (Libyan Dinars) for each AIC.
- Price on request for ICAO Chart 1:500,000.

3.9 **AIRAC System**

3.9.1 In order to control and regulate the flow of changes implying amendments to charts, Route Manuals etc. such changes, whenever possible, will be issued at predetermined dates according to the AIRAC system. Whenever possible, this type of information will be published as an AIRAC amendment. If an AIRAC amendment cannot be produced due to lack of time, NOTAM or AIP SUP clearly marked AIRAC will be issued.

3.9.2 The table below indicates AIRAC effective dates for the coming years. AIRAC will be issued so that the information will be received not later than 28 days before the effective dates and for major changes not later than 56 days. At AIRAC effective date, a trigger NOTAM will be issued giving a brief description of the content, effective date and reference number of the AIRAC AIP AMDT or AIRAC AIP SUP that will become effective on that date.

If no information was submitted for publication at the AIRAC date, a NIL notification will be issued by NOTAM not later than one AIRAC cycle before the AIRAC effective date concerned.

ENR 2. AIR TRAFFIC SERVICES AIRSPACE

ENR 2.1 FIR, ACC, TMA

Name Lateral and vertical Limits	Unit Providing Service	Call Sign/Language Area and Condition of use Hours of Operation	Frequency/ Purpose	Remarks
1	2	3	4	5
<p>TRIPOLI FIR</p> <p>N342000 E0113000 N342000 E0233500 N340000 E0241000 N314100 E0250800 N220000 E0250000 N200000 E0250000 N200000 E0240000 N193000 E0240000 N220000 E0190000 N220000 E0113000 to Western Border Libya along Western Border Libya to N322200 E0113000 N342000 E0113000 <u>UNL</u> GND Class of airspace A at & above FL195 C below FL195 G outside controlled airspace</p>	<p>TRIPOLI FIC</p> <p>TRIPOLI ACC</p> <p>BENGHAZI ACC</p>	<p>TRIPOLI INFORMATION</p> <p>TRIPOLI CONTROL</p> <p>BEGHAZI CONTROL</p> <p>ENG</p> <p>H24</p>	<p>11300 KHz 5517 KHz</p> <p>120.900 MHz 128.400 MHz</p> <p>129.200 MHz 126.500 MHz</p>	<p>TRIPOLI Tel.: 00218-213619614 00218- 213619380</p> <p>Radar Service provided</p> <p>RVSM AIRSPACE BTN FL290 AND FL 410 INCLUSIVE</p>
<p>BENINA TMA Circle of 105 NM radius from Benina VOR/DME BNA (N320728 E0201513)</p> <p><u>UNL</u> FL45 Class of airspace: A at & above FL195 C below FL195</p>	<p>BENGHAZI ACC</p>	<p>BEGHAZI CONTROL</p> <p>ENG H24</p>	<p>129.200 MHz 126.500 MHz</p>	
<p>TRIPOLI TMA CLASS A and C 2000 ft MSL/UNL Circle Radius 41.1NM centered at Tripoli VOR/DME coord. .N323946.72E0130706.27</p>	<p>TRIPOLI ACC</p> <p>TRIPOLI APP</p>	<p>TRIPOLI CONTROL</p> <p>ENG H24 TRIPOLI APPROACH</p>	<p>120.9 MHz 128.4 MHz</p>	<p>Emergency Frequency Available TRIPOLI & BENGHAZI 121.500 MHz 243.000 MHz</p>

**INTENTIONALLY
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ENR 3. ATS ROUTES

3.1 LOWER ATS 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
					Even	Odd	
A18							
▲ KADRA NDB KDR N322200E0133700	<u>209°</u> 029°	12	<u>UNL</u> FL195 CLASS A	20	↓	↑	Tripoli Control VHF 120.9 MHz VHF 128.4 MHz
△ RYHAN N321200E0133000	<u>207°</u> 026°	22	<u>FL195</u> FL065 CLASS C				
△ TAWUS N315218E0131736	<u>208°</u> 029°	29					
▲ MIZDA VOR/DME N312709E0130038	<u>221°</u> 040°	68					
▲ FUNGI N303636E0120824	<u>220°</u> 040°	65					
A18F		135	<u>UNL</u> FL065 CLASS F				
▲ DERJE N294742E0111900	<u>219°</u> 039°						
▲ ZARZAITINE VOR/DME N280412E0093954							
A403							
▲ GHERIAT NDB GRT N302341E0133509	<u>165°</u> 345°	145		10	↑	↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
▲ SHATI N280000E0141236		33	<u>UNL</u> FL195 CLASS A				
▲ BRACK N273000E0142012	<u>166°</u> 346°	31	<u>FL195</u> FL065 CLASS C				
A403F		157					
▲ SEBHA VOR/DME SEB N265944E0142735	<u>176°</u> 356°						
▲ TAJAR N242200E0143436		142	<u>UNL</u> FL065 CLASS F				
▲ TUMMO (FIR BDRY) N220000E0144020	<u>177°</u> 356°						Tripoli INFORMATION HF 11300 HF 5517







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
					Even	Odd	
A411							
▲ TANLI (FIR BDRY) N332938E0113000	<u>111°</u> 292°	34					Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
▲ CLAMS N331700E0120800	<u>097°</u> 277°	63	<u>UNL</u> FL195 CLASS A				
▲ DERKA N330900E0132202							BENGAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz
▲ KAVOX N325700E0145603	<u>098°</u> 278°	79	<u>FL195</u> FL125 CLASS C				
▲ GARUS N324000E0170000	<u>099°</u> 279°	106					
▲ PRAWN N324000E0180500	<u>087°</u> 268°	55		10			
▲ BENINA VOR/DME N320728E0201513	<u>103°</u> 284°	115					
▲ MKILY N315900E0222000	<u>091°</u> 272°	106	<u>UNL</u> FL195 CLASS A				
▲ NASER N315112E0235518	<u>092°</u> 273°	81	<u>FL195</u> FL165 CLASS C				
▲ LOSUL (FIR BDRY) N314100E0250800	<u>099°</u> 279°	64		20			
							Tripoli INFORMATION HF 11300 HF 5517





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
					Even	Odd	
B21							
▲ INDOT (FIR BDRY) N342000E0165653						↑	Malta ACC VHF130.975 MHz
▲ OKLIR N340000E0171049	$\frac{147^\circ}{327^\circ}$	23	UNL FL195 CLASS A	10			DOLFI - INDOT ONE WAY NORTHBOUND ONLY.
▲ DOLFI N331248E0174312		54					
▲ PRAWN N324000E0180500	$\frac{148^\circ}{328^\circ}$	38	FL195 FL065 CLASS C				
△ HAMOR N320900E0182400	$\frac{149^\circ}{330^\circ}$	35					
▲ BOURI N314124E0184259	$\frac{147^\circ}{328^\circ}$	32				↑	BENGHAZI CONTROL VHF 129.2MHz VHF 126.5 MHz
▲ MARSА BREGA NDB MB N302506E0193421	$\frac{147^\circ}{327^\circ}$	88		20			
B21F							
▲ DAYFA N281918E0205236	$\frac{148^\circ}{329^\circ}$	143					
△ KARUB N273524E0211524	$\frac{150^\circ}{333^\circ}$	48					
▲ KUFRA VOR/DME KFR N240914E0231828	$\frac{148^\circ}{329^\circ}$	234	UNL FL065 CLASS F	30			Tripoli INFORMATION HF 11300 HF 5517
▲ ORNAT (FIR BDRY) N200000E0250000	$\frac{148^\circ}{329^\circ}$	266				↓	
	$\frac{156^\circ}{337^\circ}$						

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
					Even	Odd	
G655F ▲ SEBHA VOR/DME SEB N265944E0142735 ▲ ELGAN N245000E0153754 ▲ GARIN (FIR BDRY) N220000E0170636	$\frac{152^\circ}{333^\circ}$	144 188	$\frac{FL325}{FL125}$ CLASS F	30			Sebha Tower VHF119.1MHz Tripoli INFORMATION HF 11300 HF 5517

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
					Even	Odd	
G659 ▲ MITIGA VOR/DME MTG N325338E0131619 ▲ KADRA NDB KDR N322200E0133700 ▲ BENI WALID VOR/DME WLD N314657E0140034 △ NJEIM N305536E0152736 ▲ TAMIT N304412E0154654 ▲ TILAL N302448E0162100 ▲ DERNI N301328E0164015 ▲ DAHRA VOR/DME DHR N292803E0175554 ▲ LEBKO N284908E0193736 ▲ DAYFA N281918E0205236 ▲ SARIR NDB GS N273900E0223000	149° 329°	36	UNL FL195 CLASS A	10	↑	↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz MTG - KDR AVAILABLE FOR HLLM ARRS / DEPS ONLY
	148° 330°	40	FL195 FL065 CLASS C				
	124° 302°	90		20	↓		Tripoli INFORMATION HF 11300 HF 5517
	122° 302°	20					
	121° 301°	35					
	122° 302°	20					
	122° 303°	80					
	111° 291°	97		UNL FL065 CLASS F			
	112° 292°	72					
	112° 292°	95					
G660 ▲ BENI WALID VOR/DME WLD N314657E0140034 ▲ NAMWA N312542E0151824 ▲ SIRTE VOR/DME SRT N310333E0163553	107° 288°	70	UNL FL195 CLASS A	10	↑	↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz WLD - SRT AVAILABLE FOR HLGD ARRS / DEPS ONLY.
	106° 287°	70	FL195 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
					Even	Odd	
G661 ▲ MISRATA VOR/DME MIS N321852E0150440 ▲ NAMWA N312542E0151824 △ NJEIM N305536E0152736 ▲ HON NDB HON N290800E0155700	$\frac{166^\circ}{346^\circ}$ $\frac{163^\circ}{343^\circ}$ $\frac{165^\circ}{345^\circ}$	54 31 110	UNL FL195 CLASS A FL195 FL065 CLASS C	10	 	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz Tripoli INFORMATION HF 11300 HF 5517 MIS - HON AVAILABLE FOR HON -MIS ARRS/DEPS ONLY.	
G662 ▲ NAGDA N321500E0162328 ▲ LABAX N314327E0162855 ▲ SIRTE VOR/DME SRT N310333E0163553 ▲ TILAL N302448E0162100 ▲ HON NDB HON N290800E0155700	$\frac{170^\circ}{350^\circ}$ $\frac{169^\circ}{350^\circ}$ $\frac{196^\circ}{016^\circ}$ $\frac{193^\circ}{013^\circ}$	32 40 41 79	UNL FL195 CLASS A FL195 FL065 CLASS C	10	 	Tripoli CONTROL VHF 120.9MHz VHF 128.4MHz NAGDA- SRT ONE WAY SOUTHBOUND ONLY. SRT - HON AVAILABLE FOR HLGD, HLON ARRS/ DEPS ONLY.	
G663F ▲ SEBHA VOR/DME SEB N265944E0142735 ▲ HORUJ N270906E0161442 ▲ MASIT N272816E0194016 ▲ ARRIG N272930E0200112 ▲ KARUB N273524E0211524 ▲ SARIR NDB GS N273900E0223000	$\frac{082^\circ}{263^\circ}$ $\frac{081^\circ}{263^\circ}$ $\frac{084^\circ}{264^\circ}$ $\frac{082^\circ}{263^\circ}$ $\frac{084^\circ}{264^\circ}$	96 184 19 66 66	FL245 FL065 CLASS F	30	 	Sebha Tower VHF119.1MHz Tripoli INFORMATION HF 11300 HF 5517	

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
					Even	Odd	
G665 ▲ DAHRA VOR/DME DHR N292803E0175554 ▲ HON NDB HON N290800E0155700	$\frac{258^\circ}{077^\circ}$	106	UNL FL195 CLASS A FL195 FL065 CLASS C	20			Tripoli INFORMATION HF 11300 HF 5517
G855 ▲ GHADAMES VOR/DME GAD N300949E0094429 ▲ NAFUS N304436E0110954 ▲ MIZDA VOR/DME IZD N312709E0130038	$\frac{063^\circ}{244^\circ}$ $\frac{064^\circ}{245^\circ}$	82 104	UNL FL065 CLASS F	20			Tripoli INFORMATION HF 11300 HF 5517 GAD - IZD AVBL FOR HLTD ARR/DEP.
G858F ▲ SEBHA VOR/DME SEB N265944E0142735 ▲ SAHRA N243812E0133100 ▲ DEKIL (FIR BDRY) N220000E0122806	$\frac{198^\circ}{018^\circ}$ $\frac{199^\circ}{019^\circ}$	150 168	FL325 FL065 CLASS F	30			Sebha Tower VHF119.1MHz Tripoli INFORMATION HF 11300 HF 5517 It is mandatory For operators to flight plan this route at FL320 or below due to flight level allocation scheme applicable between Tripoli ACC and N'djamena ACC





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
					Even	Odd	
R2 ▲ BENINA VOR/DME BNA N320728E0201513 ▲ ARADA N304636E0213348 ▲ DITAR (FIR BDRY) N265903E0250000	$\frac{137^\circ}{317^\circ}$ $\frac{139^\circ}{319^\circ}$	105 290	<u>UNL</u> FL195 CLASS A <u>FL195</u> <u>FL065</u> CLASS C	20			BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5MHz Tripoli INFORMATION HF 11300 HF 5517
R845 ▲ GASRI (FIR BDRY) N335609E0113000 ▲ CLAMS N331700E0120800 ▲ ZAWIA VOR/DME ZAW N324643E0123847 ▲ MIZDA VOR/DME IZD N312709E0130038 ▲ GHERIAT NDB GRT N302341E0133509	$\frac{139^\circ}{319^\circ}$ $\frac{138^\circ}{319^\circ}$ $\frac{166^\circ}{346^\circ}$ $\frac{154^\circ}{333^\circ}$	50 40 82 70	<u>UNL</u> FL195 CLASS A <u>FL195</u> <u>FL065</u> 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	
					Even	Odd		
V100 ▲ MISRATA N321852E0150440 ▲ CIBIA N324012E0160112 ▲ SOLUN N325912E0170000 ▲ DOLFI N331248E0174312 ▲ TUNAR N332448E0182212 ▲ FARUJ N333124E0184354 ▲ RAMLI N334300E0192300 ▲ RASNO (FIR BDRY) N342000E0212758	$\frac{244^\circ}{064^\circ}$	52		10	↑	↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz	
		53						
	$\frac{248^\circ}{067^\circ}$	39	<u>FL195</u> FL065 CLASS C	10	↑	↓	Benghazi CONTROL VHF 129.2 MHz VHF 126.5 MHz	
		35						
			19					
			35					
			110					
	V200 ▲ SOLUN N325912E0170000 ▲ IVAKI N325530E0150618 ▲ BREAM N325330E0140500	$\frac{268^\circ}{087^\circ}$	97	<u>UNL</u> FL195 CLASS A		↓	↑	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
51								
				<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
					Even	Odd	
V300							
▲ TANLI (FIR BDRY) N332938E0113000	<u>124°</u> 305°	50	<u>UNL</u> FL195 CLASS A	10	↑		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
△ FARWA N330000E0121812	<u>126°</u> 307°	22	<u>FL195</u> FL065 CLASS C				
▲ ZAWIA VOR/DME ZAW N324643E0123847	<u>106°</u> 284°	25					
▲ TRIPOLI VOR/DME TPI N323947E0130706	<u>099°</u> 280°	102					
▲ MISRATA VOR/DME MIS N321852E0150440	<u>091°</u> 272°	98	<u>UNL</u> FL195 CLASS A				
▲ YAQUT N321300E0170000	<u>091°</u> 271°	71	<u>FL195</u> FL125 CLASS C				
▲ HAMOR N320900E0182400	<u>088°</u> 268°	94					
▲ BENINA VOR/DME N320728E0201513					↓		BENHAZI CONTROL VHF 129.2MHz VHF 126.5MHz







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
					Even	Odd	
V400							
▲ TRIPOLI VOR/DME TPI N323947E0130706	<u>087°</u> 267°	44	<u>UNL</u> FL195 CLASS A		↑	↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
▲ KHOMS N324024E0135912	<u>087°</u> 268°	103					
▲ CIBIA N324012E0160112	<u>088°</u> 268°	50					
▲ GARUS N324000E0170000	<u>087°</u> 268°	55					
▲ PRAWN N324000E0180500	<u>084°</u> 265°	74	<u>FL195</u> FL065 CLASS C				
△ ATOLL N324500E0195454	<u>085°</u> 265°	19					
▲ WHALE N324436E0203300	<u>088°</u> 268°	32					
▲ LABRAQ NDB LAB N324641E0220113	<u>085°</u> 265°	74					
				10			BENGAZI 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
					Even	Odd	
V500							
▲ MISRATA VOR/DME MIS N321852E0150440	<u>271°</u> 091°	55	<u>UNL</u> FL195 CLASS A	10	↓	↑	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
△ MAGNA N322130E0140000	<u>270°</u> 089°	19					
▲ KADRA NDB KDR N322200E0133700	<u>282°</u> 104°	23	<u>FL195</u> FL065 CLASS C				
▣ ABU ARGUB VOR/DME ABU N322746E0131010	<u>306°</u> 125°	33					
▲ ZAWIA VOR/DME ZAW N324643E0123847	<u>288°</u> 106°	33					
▲ ZWARA NDB ZAR N325707E0120122							
V600							
▣ ABU ARGUB VOR/DME ABU N322746E0131010	<u>133°</u> 312°	23	<u>UNL</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> 314°	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
					Even	Odd	
V700 ▲ ABU ARGUB VOR/DME ABU N322746E0131010 ▲ TAWUS N315218E0131736 ▲ GHERIAT NDB GRT N302341E0133509	 $\frac{169^\circ}{348^\circ}$	36 90	UNL FL195 CLASS A FL195 FL065 CLASS C	 10	 	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz	
V800 ▲ ABU ARGUB VOR/DME ABU N322746E0131010 △ GWASM N320800E0130700 ▲ MIZDA VOR/DME IZD N312709E0130038 ▲ HAMRA N293200E0125000 ▲ WANIN N281000E0124800 ▲ UBARI NDB UBR N263552E0124648	 $\frac{187^\circ}{006^\circ}$ $\frac{186^\circ}{007^\circ}$ $\frac{184^\circ}{003^\circ}$ $\frac{180^\circ}{360^\circ}$ $\frac{179^\circ}{360^\circ}$	20 41 115 82 94	FL325 FL195 CLASS A FL195 FL065 CLASS C	 10	 	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz Tripoli INFORMATION HF 11300 HF 5517	

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
					Even	Odd	
V900 ▲ ABU ARGUB VOR/DME ABU N322746E0131010 ▲ SAKKR N321236E0124748 ▲ SINAW N310600E0110600 ▲ GHADAMES VOR/DME GAD N300949E0094429	231° 050° 231° 051° 230° 050°	24 109 90	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↓ ↓	↑ ↑	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz V900 is Available for domestic flights only.
V950 ▲ CLAMS N331700E0120800 △ UKSAG N330448E0124530 △ CONCH N325948E0130000 ▲ MITIGA VOR/DME MTG N325338E0131619 ▲ NAWRS N325324E0133148 △ BREAM N325330E0140500 ▲ GARUS N324000E0170000	111° 292° 112° 292° 089° 269° 090° 270° 093° 273°	34 13 15 13 28 148	UNL FL195 CLASS A FL195 FL125 CLASS C	10	↑ ↑	↓ ↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz AVAILABLE FOR HLLM ARR / DEPS ONLY.

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
					Even	Odd	
W9 ▲ BENINA VOR/DME BNA N320728E0201513 ▲ MARSА BREGA NDB MB N302506E0193421 ▲ DAHRA VOR/DME DHR N292803E0175554 ▲ NABUR N290307E0172012 ▲ FUGHА N281001E0160541 ▲ SEBHA VOR/DME SEB N265944E0142735 W9F ▲ TAZIT N255624E0115418 ▲ GHAT VOR/DME GHT N250849E0100820 ▲ TWARG (FIR BDRY) N250301E0100200	$\frac{196^\circ}{016^\circ}$	108	<u>UNL</u> FL195 CLASS A	10			BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz
	$\frac{234^\circ}{054^\circ}$	103	<u>FL195</u> FL065 CLASS C	20			
	$\frac{230^\circ}{049^\circ}$	40		<u>UNL</u> FL065 CLASS F	20		
	$\frac{229^\circ}{049^\circ}$	84					
	$\frac{230^\circ}{049^\circ}$	112					
	$\frac{244^\circ}{064^\circ}$	151	Tripoli INFORMATION HF 11300 HF 5517	$\frac{243^\circ}{062^\circ}$	107		
	$\frac{224^\circ}{044^\circ}$	8					
W852 ▲ LOTIN N342000 E0150959 ▲ REXUN N333206E0141539 ▲ NAWRS N325324 E0133148	$\frac{224^\circ}{043^\circ}$	67	<u>UNL</u> FL195 CLASS A	10			Tripoli CONTROL VHF 120.9MHz VHF 128.4MHz
		53	<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
					Even	Odd	
W853 ▲ MIZDA VOR/DME IZD N312709E0130038 ▲ EBITO N301222E0122407 ▲ ORBEL N282236E0113218 ▣ GHAT VOR/DME GHT N250849E0100820	 $\frac{201^\circ}{021^\circ}$ $\frac{200^\circ}{020^\circ}$	 81 119 207	 UNL FL195 CLASS A FL195 FL065 CLASS C UNL FL065 CLASS F	 20	  	 Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz Tripoli INFORMATION HF 11300 HF 5517	
W854 ▲ BENI WALID VOR/DME WLD N314657E0140034 ▲ HON NDB HON N290800E0155700 ▲ ALGAF N281000E0151600 ▣ SEBHA VOR/DME SEB N265944E0142735	 $\frac{147^\circ}{326^\circ}$ $\frac{210^\circ}{030^\circ}$ $\frac{210^\circ}{029^\circ}$	 188 68 82	 UNL FL195 CLASS A FL195 FL065 CLASS C	 10	    	 Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz Sebha Tower VHF119.1MHz Tripoli INFORMATION HF 11300 HF 5517	

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	
					Even	Odd		
W857 ▲ SARKI (FIR BDRY) N342000E0131447 ▲ ODGAX N333754E0135256 ▲ MISRATA VOR/DME MIS N321852E0150440 △ KALIJ N313300E0160000 ▲ SIRTE VOR/DME SRT N310333E0163553 ▲ DAHRA VOR/DME DHR N292803E0175554 W857F ▲ ARRIG N272930E0200112 ▲ KUFRA VOR/DME KFR N240914E0231828				10	↑		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz MIS-SARKI ONE WAY NORTHBOUND ONLY.	
	140° 321°	54	UNL FL195 CLASS A					
	98	UNL FL195 CLASS C						
		132° 312°	66	FL195 FL065 CLASS C		↑	↓	Tripoli INFORMATION HF 11300 HF 13273
	43	118						
	134° 315°	20						
	135° 316°	267	UNL FL065 CLASS F					

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
					Even	Odd	
W858							
▲ GHADAMES VOR/DME GAD N300949E0094429	$\frac{125^\circ}{306^\circ}$	200	<u>UNL</u> FL195 CLASS A	20	↑		Tripoli INFORMATION HF 11300 HF 5517
▲ WANIN N281000E0124800	$\frac{127^\circ}{308^\circ}$	82	<u>FL195</u> FL065 CLASS C				
▲ AGAAR N271824E0140000	$\frac{126^\circ}{305^\circ}$	31					
W858F							
▲ SEBHA VOR/DME SEB N265944E0142735	$\frac{106^\circ}{287^\circ}$	107					
▲ TMISA N262548E0162054		122					
▲ KANIR N254613E0182904	$\frac{107^\circ}{287^\circ}$	23	<u>UNL</u> FL065 CLASS F				
▲ AKMID N253830E0185330		49					
▲ LAGSI N252145E0194418							
▲ KUFRA VOR/DME KFR N240914E0231828	$\frac{107^\circ}{288^\circ}$	208					Sebha Tower VHF119.1MHz





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
					Even	Odd	
W860							
▲ MITIGA VOR/DME MTG N325338E0131619	<u>108°</u> 288°	38					Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
▲ KHOMS N324024E0135912	<u>109°</u> 290°	59	UNL FL195 CLASS A				
▲ MISRATA VOR/DME MIS N321852E0150440	<u>113°</u> 293°	52		10			
△ BAGLI N315636E0160000	<u>196°</u> 296°	81					BENGAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz
▲ CILBA N311800E0172400	<u>112°</u> 293°	124	FL195 FL065 CLASS C				
▲ MARSА BREGA NDB MB N302506E0193421							






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
					Even	Odd	
W861							
▲ NASER N315112E0235518	$\frac{297^\circ}{117^\circ}$	111	<u>UNL</u> FL195 CLASS A			BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz	
▲ LABRAQ NDB LAB N324641E0220113	$\frac{245^\circ}{063^\circ}$	98	<u>FL195</u> FL065 CLASS C				
▣ BENINA VOR/DME BNA N320728E0201513	$\frac{249^\circ}{069^\circ}$	83					
▲ BOURI N314124E0184259							
▲ CILBA N311800E0172400	$\frac{249^\circ}{069^\circ}$	71					
▲ SIRTE VOR/DME SRT N310333E0163553	$\frac{248^\circ}{069^\circ}$	44					
▲ TAMIT N304412E0154654	$\frac{248^\circ}{069^\circ}$	46					
△ ALBEY N302600E0150000	$\frac{245^\circ}{065^\circ}$	44	<u>UNL</u> FL065 CLASS F	20		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz	
▲ SWIRF N295300E0134300	$\frac{243^\circ}{063^\circ}$	74					
▲ HAMRA N293200E0125000		52					
▲ NGIRT N285200E0112700	$\frac{242^\circ}{062^\circ}$	82					
▣ ZARZAITINE VOR/DME IMN N280400E0093939	$\frac{242^\circ}{062^\circ}$	106				Tripoli INFORMATION HF 11300 HF 5517	

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
					Even	Odd	
W863 ▲ MITIGA VOR/DME MTG N325338E0131619 ▲ DERKA N330900E0132202 ▲ ODGAX N333754E0135256 ▲ LUMED N342000E144203	$\frac{198^\circ}{018^\circ}$	16	<u>UNL</u> FL195 CLASS A	10			Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz
		39					
	$\frac{223^\circ}{042^\circ}$	57	<u>FL195</u> FL065 CLASS C			DERKA - LUMED ONE WAY NORTHBOUND ONLY.	




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ENR 3.2 UPPER ATS 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
					Even	Odd	
UG655 ▲ FARES (FIR BDRY) N320949E0105652 ▲ GALPO N311534E0113851 ▲ FUNGI N303636E0120824 ▲ EBITO N301222E0122407 ▲ HAMRA N293200E0125000 ▲ SEBHA VOR/DME SEB N 265944E0142735	145° 325° 149° 329°	65 46 28 46 175	UNL FL245 CLASS A	20			Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz Route not available when HL(R)-31 is active Tripoli INFORMATION HF 11300 HF 5517
UG739 ▲ GHADAMES VOR/DME N300949E0094429 ▲ TAZIT N255624E0115418	154° 335°	278	UNL FL245 CLASS A	20			Tripoli INFORMATION HF 11300 HF 5517

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
					Even	Odd	
UR778F  TONBA (FIR BDRY) N213518E0195112  KUFRA VOR/DME KFR N240914E0231828  DITAR (FIR BDRY) N265903E0250000	$\frac{048^\circ}{229^\circ}$ $\frac{025^\circ}{206^\circ}$	245 193	<u>UNL</u> FL245 CLASS F	20	 	Tripoli INFORMATION HF 11300 HF 5517	

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

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
					Even	Odd	
L31 (RNP5) ▲ LOTIN (FIR BDRY) N342000E0150959 ▲ IVAKI N325550E0150630 ▲ MISRATA VOR/DME N321852E0150440	$\frac{180^\circ}{359^\circ}$	84 37	<u>UNL</u> FL195 CLASS A <u>FL195</u> FL065 CLASS C	10			Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz LOTIN-MIS ONE WAY SOUTHBOUND ONLY.
M1 (RNP5) ▲ RASNO (FIR BDRY) N342000E0212758 ▲ REDFI N332030E0205442 ▲ WHALE N324436E0203300 ▲ BENINA VOR/DME N320728E0201513	$\frac{205^\circ}{025^\circ}$ $\frac{199^\circ}{019^\circ}$	66 40 40	<u>UNL</u> FL195 CLASS A <u>FL195</u> FL065 CLASS C	10		 	BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 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
					Even	Odd	
M7 (RNP5) ▲ BONAR (FIR BDRY) N342000E0190213 ▲ RZAAM N324818E0191536 ▲ RIGED N315251E0192258 ▲ MARSA BREGA NDB MB N302506E0193421	$\frac{170^\circ}{351^\circ}$ $\frac{171^\circ}{351^\circ}$	92 56 88	UNL FL195 CLASS A FL195 FL065 CLASS C	10			BENGHAZI CONTROL VHF 129.2MHz VHF 126.5MHz BONAR-MB ONE WAY SOUTHBOUND ONLY.
M600 (RNP5) ▲ SARKI (FIR BDRY) N342000E0131447 △ SKATE N334500E0130018 △ UKSAG N330448E0124530 ▲ ZAWIA VOR/DME ZAW N324643E0123847	$\frac{197^\circ}{016^\circ}$	37 42 19	FL245 FL195 CLASS A FL195 FL065 CLASS C	10		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz ZAW-SARKI ONE WAY SOUTHBOUND ONLY.	

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			
					Even	Odd				
M620 (RNP5) ▲ BONAR (FIR BDRY) N342000E0190213 ▲ RAMLI N334300E0192300 △ PUFER N325901E0194748 △ ATOLL N324500E0195454 ▲ BENINA VOR/DME BNA N320728E0201513 ▲ DAMUN N302805E0205530 ▲ VATAX N275312E0215602 ▲ SODOR N273747E0220159 ▲ KUFRA VOR/DME KFR N240914E0231828	$\frac{152^\circ}{332^\circ}$	41	<u>FL195</u> <u>FL065</u> CLASS C	10		↓	BENGHAZI CONTROL VHF 129.2MHz VHF 126.5 MHz BONAR-BNA ONE WAY SOUTHBOUND ONLY.			
		48						105	↑	↓
		15						163		
		41						16		
	$\frac{158^\circ}{338^\circ}$	163	10	↑	↓					
		16								
		219								
		$\frac{158^\circ}{339^\circ}$				219	10	↑	↓	
M621 (RNP5) ▲ OLMAX (FIR BDRY) N342000E0180750 ▲ ERMIX N335819E0182401 ▲ FARUJ N333124E0184354 ▲ RZAAM N324818E0191536 ▲ BENINA VOR/DME BNA N320728E0201513	$\frac{145^\circ}{325^\circ}$	25	<u>UNL</u> <u>FL195</u> CLASS A		↑		Malta ACC VHF 123.625 MHz			
		32						<u>FL195</u> <u>FL065</u> CLASS C	10	↑
	51	BNA-OLMAX ONE WAY NORTHBOUND ONLY.								
	65									
	$\frac{126^\circ}{306^\circ}$									

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
					Even	Odd	
M622 (RNP5) ▲ BENINA VOR/DME BNA N320728E0201513 ▲ RZAAM N324818E0191536 ▲ TUNAR N332448E0182212 ▲ LETNO N340000E0172811 ▲ INDOT (FIR BDRY) N342000E0165653	$\frac{306^\circ}{126^\circ}$ $\frac{305^\circ}{125^\circ}$	65 58 57 33	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↓		BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz BNA-INDOT ONE WAY NORTHBOUND ONLY Malta ACC VHF130.975 MHz
M726 (RNP5) ▲ SARKI (FIR BDRY) N342000E0131447 ▲ DISOL N334113E0131428 △ SHELL N332024E0131530 ▲ MITIGA VOR/DME MTG N325338E0131619	$\frac{179^\circ}{359^\circ}$ $\frac{177^\circ}{357^\circ}$	37 21 27	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↑	↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz DISOL-SARKI ONE WAY NORTHBOUND ONLY. AVAILABLE FOR HLLM ARRS/DEPS ONLY.
M727 (RNP5) ▲ ABRAM (FIR BDRY) N342000E0123816 ▲ ZAWIA VOR/DME ZAW N324643E0123847	$\frac{178^\circ}{359^\circ}$	93	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↓		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz ABRAM-ZAW ONE WAY SOUTHBOUND ONLY.
M732 (RNP5) ▲ ELIMO (FIR BDRY) N342000E0162210 ▲ EVRAN N340000E0164635 ▲ DOLFI N331248E0174312	$\frac{133^\circ}{313^\circ}$ $\frac{169^\circ}{348^\circ}$	28.4 66.7	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↓		BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz ELIMO-DOLFI ONE WAY SOUTHBOUND ONLY.





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
					Even	Odd	
M739 (RNP5) ▲ VARIG (FIR BDRY) N342000E0134350 ▲ REXUN N333210E0141570 ▲ MISRATA VOR/DME MIS N321852E0150440	$\frac{148^\circ}{329^\circ}$	55 84	UNL FL195 CLASS A FL195 FL065 CLASS C	10		↓	Tripoli CONTROL VHF120.9 MHz VHF 128.4MHz VARIG-MIS ONE WAY SOUTHBUND ONLY.
M740 (RNP5) ▲ SARKI (FIR BDRY) N342000E0131447 ▲ HITAN N332736E0132509 ▲ NAWRS N325324E0133148 ▲ KADRA NDB KDR N322200E0133700 ▲ KAVEN N300000E0135958 ▲ SEBHA VOR/DME SEB N265944E0142735	$\frac{169^\circ}{349^\circ}$ $\frac{170^\circ}{350^\circ}$	53 35 32 143 181	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↑	↑ ↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz NAWRS-SARKI ONE WAY NORTHBOUND ONLY.
N68 (RNP5) ▲ OLMAX (FIR BDRY) N342000E0180750 ▲ NETAG N340032E0181517 ▲ MISIK N330715E0183527 ▲ ORGON N325246E0184052 ▲ GENIN N320840E0185710 ▲ MARSА BREGA NDB MB N302506E0193421	$\frac{159^\circ}{339^\circ}$ $\frac{159^\circ}{340^\circ}$ $\frac{160^\circ}{340^\circ}$	20 56 15 46 108	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↑		Malta ACC VHF 123.625 MHz BENGHAZI CONTROL VHF129.2 MHz VHF 126.5 MHz MB-OLMAX ONE WAY NORTHBOUND ONLY.

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
					Even	Odd	
P126 (RNP5) ▲ LUMED (FIR BDRY) N342000E0144203 ▲ SAMAK N332404E0145238 ▲ MISRATA VOR/DME MIS N321852E0150440	169° 349°	57 66	FL245 FL195 CLASS A FL195 FL065 CLASS C	10	↑		Tripoli CONTROL VHF120.9 MHz VHF 128.4MHz MIS-LUMED ONE WAY NORTHBOUND ONLY.
T295 (RNP5) ▲ ABRAM (FIR BDRY) N342000E0123816 △ SKATE N334500E0130018 △ SHELL N332024E0131530 ▲ NAWRS N325324E0133148	151° 331° 152° 332°	39 28 30	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↓		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz ABRAM-NAWRS ONE WAY SOUTHBOUND ONLY.
T297 (RNP5) ▲ VARIG (FIR BDRY) N342000E0134350 ▲ NAWRS N325324E0133148 ▲ ABU ARGUB VOR/DME ABU N322746E0131010	184° 004° 215° 035	87 31	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↓		Tripoli CONTROL VHF 120.9MHz VHF 128.4 MHz VARIG-ABU ONE WAY SOUTHBOUND ONLY.
T299 (RNP5) ▲ VARIG (FIR BDRY) N342000E0134350 ▲ DISOL N334113E0131428 ▲ ZAWIA VOR/DME ZAW N324643E0123847	209° 029°	44 62	UNL FL195 CLASS A FL195 FL065 CLASS C	10	↓		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz VARIG-ZAW ONE WAY SOUTHBOUND ONLY.

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
					Even	Odd	
Z177 (RNP5) ▲ DARIP N333125E0210045 ▲ LABRAQ NDB LAB N324641E0220113	$\frac{129^\circ}{309^\circ}$	68	<u>UNL</u> FL195 CLASS A <u>FL195</u> FL065 CLASS C	10		↓	Benghazi CONTROL VHF 129.2MHz VHF 126.5 MHz DARIP - LAB ONE WAY SOUTHBOUND ONLY.
Z178 (RNP5) ▲ RASNO (FIR BDRY) N342000E0212758 ▲ LABRAQ NDB LAB N324641E0220113	$\frac{161^\circ}{342^\circ}$	97	<u>UNL</u> FL195 CLASS A <u>FL195</u> FL065 CLASS C	10	↑	↓	Benghazi CONTROL VHF 129.2MHz VHF 126.5 MHz
Z333 (RNP5) ▲ ELIMO (FIR BDRY) N342000E0162210 ▲ RZAAM N324818E0191536 ▲ BENINA VOR/DME BNA N320728E0201513	$\frac{119^\circ}{300^\circ}$ $\frac{126^\circ}{306^\circ}$	171 65	<u>UNL</u> FL195 CLASS A <u>FL195</u> FL065 CLASS C	10		↓	Benghazi CONTROL VHF 129.2MHz VHF 126.5 MHz ELIMO-BNA ONE WAY SOUTHBOUND ONLY.
UL12 (RNP5) ▲ LOTIN (FIR BDRY) N342000E0150959 ▲ NAGDA N321500E0162328 ▲ DAHRA VOR/DME DHR N292803E0175554 ▲ KEPOS N272230E0182810 ▲ AKMID N253830E0185330 ▲ TONBA (FIR BDRY) N213518E0195112	$\frac{152^\circ}{332^\circ}$ $\frac{153^\circ}{333^\circ}$ $\frac{167^\circ}{346^\circ}$	139 185 129 106 248	<u>UNL</u> FL195 CLASS A <u>UNL</u> FL195 CLASS F	10		↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz LOTIN-TONBA ONE WAY SOUTHBOUND 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
					Even	Odd	
UM215 (RNP5) ▲ LUMED (FIR BDRY) N342000E0144203 ▲ TULIR N332240E0151613 ▲ SIRTE VOR/DME SRT N310333E0163553 ▲ SOLAB N300235E0165832 ▲ NABUR N290307E0172012 ▲ KANIR N254613E0182904 ▲ TONBA (FIR BDRY) N213518E0195112	151° 331° 151° 332° 160° 340° 161° 341°	64 154 64 62 207 261	UNL FL195 CLASS A UNL FL245 CLASS F	10	↑		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz TONBA-LUMED ONE WAY NORTHBOUND ONLY. Tripoli INFORMATION HF 11300 HF 5517
UM600 (RNP5) ▲ SARKI (FIR BDRY) N342000E0131447 △ SKATE N334500E0130018 △ UKSAG N330448E0124530 ▲ ZAWIA VOR/DME ZAW N324643E0123847 ▲ GALPO N311534E0113851 ▲ TOKDA N303311E0111144 ▲ ZARZAITINE VOR/DME IMN N280400E0093939	197° 017° 196° 016° 209° 027° 208° 027° 207° 027°	37 42 19 104 48 169	UNL FL245 CLASS A	10	↑	↓	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz ZAW-SARKI ONE WAY SOUTHBOUND ONLY. UM600 not available when HL(R)-31 is active. 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		
					Even	Odd			
UM620 (RNP5) ▲ BONAR (FIR BDRY) N342000E0190213		41				↓	BENGHAZI CONTROL VHF 129.2MHz VHF 126.5MHz		
▲ RAMLI N334300E0192300		48						BONAR -BNA ONE WAY SOUTHBOUND ONLY.	
△ PUFER N325901E0194748	$\frac{152^\circ}{332^\circ}$	15	UNL FL195 CLASS A	10		↓			
△ ATOLL N324500E0195454		41							
▲ BENINA VOR/DME N320728E0201513		105							
▲ DAMUN N302805E0205530	$\frac{158^\circ}{338^\circ}$	163			↑	↓			
▲ VATAX N275312E0215602		16							
▲ SODOR N273747E0220159									
▲ KUFRA VOR/DME KFR N240914E0231828	$\frac{158^\circ}{339^\circ}$	219					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
					Even	Odd	
UM727 (RNP5) ▲ ZAWIA VOR/DME ZAW N324643E0123847 ▲ VASUT N300000E0124237 ▲ UBARI NDB UBR N263552E0124648 ▲ TUBET N250000E0124008 ▲ DEKIL (FIR BDRY) N220000E0122806	179° 357° 177° 357° 182° 002°	166 204 96 180	UNL FL325 CLASS A UNL FL325 CLASS F	10	 	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz Note: It is mandatory for operators to flight plan this route at FL330 or above due to flight level allocation scheme applicable between Tripoli ACC and N'djamena ACC . Tripoli INFORMATION HF11300 HF 5517	
UM731(RNP5) ▲ FARES (FIR BDRY) N320949E0105652 ▲ NALUT N315101E0105854 ▲ NAFUS N304436E0110954 ▲ DERJE N294742E0111900 ▲ ORBEL N282236E0113218 ▲ TAZIT N255624E0115418 ▲ DEKIL (FIR BDRY) N220000E0122806	172° 352°	19 68 57 86 147 238	UNL FL325 CLASS A UNL FL325 CLASS F	20	 	Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz Tripoli INFORMATION HF 11300 HF 5517 Note: It is mandatory for operators to flight plan this route at FL330 or above due to Flight level allocation Scheme applicable between Tripoli ACC and N'djamena ACC .	




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
					Even	Odd	
UM732 (RNP5) ▲ DOLFI N331248E0174312 ▲ RIGED N315251E0192258 ▲ ROTOD N312538E0195724 ▲ ANHAR N303100E0210500 ▲ DITAR (FIR BDRY) N265903E0250000	$\frac{131^\circ}{311^\circ}$ $\frac{130^\circ}{310^\circ}$ $\frac{130^\circ}{311^\circ}$ $\frac{132^\circ}{312^\circ}$	116 40 80 296	UNL FL195 CLASS A	10		↓	BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz DOLFI -DITAR ONE WAY SOUTHBOUND ONLY. Tripoli information HF 11300 HF 5517
UM979 (RNP5) ▲ LABRAQ NDB LAB N324641E0220113 ▲ RAMLI N334300E0192300 ▲ NETAG N340032E0181517 ▲ INDOT (FIR BDRY) N342000E0165653	$\frac{291^\circ}{111^\circ}$ $\frac{284^\circ}{104^\circ}$ $\frac{184^\circ}{103^\circ}$	144 59 68	UNL FL195 CLASS A FL195 FL065 CLASS C	10		↓	BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz LAB-INDOT ONE WAY NORTHBOUND ONLY. Malta ACC VHF 130.975 MHz
UM980 (RNP5) ▲ BONAR (FIR BDRY) N342000E0190213 ▲ DARIP N333125E0210045 ▲ LOSUL (FIR BDRY) N314100E0250800	$\frac{114^\circ}{294^\circ}$ $\frac{115^\circ}{295^\circ}$	110 236	UNL FL195 CLASS A	10		↓	BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz BONAR-LOSUL ONE WAY SOUTHBOUND ONLY. Eastbound traffic within RVSM level band cross LOSUL at FL290, FL330, FL370, FL410. 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
					Even	Odd	
UM999 (RNP5)							
▲ DITAR (FIR BDRY) N265903E0250000	$\frac{284^\circ}{104^\circ}$	139.4					
▲ SARIR NDB GS N273900E0223000	$\frac{265^\circ}{084^\circ}$	66.4					
▲ KARUB N273524E0211524		66.2	UNL FL245				
▲ ARRIG N272930E0200112	$\frac{263^\circ}{082^\circ}$		Class F	20			
▲ MASIT N272816E0194016	$\frac{264^\circ}{084^\circ}$	18.7					Tripoli information HF 11300 HF 5517
▲ HORUJ N270906E0161442	$\frac{263^\circ}{081^\circ}$	184.1					
▲ SEBHA VOR/DME SEB N265944E0142735	$\frac{263^\circ}{083^\circ}$	96.1					
▲ BURHA N272218E0124724		92.1					
▲ ZARZAITINE VOR/DME IMN N280412E0093954	$\frac{283^\circ}{102^\circ}$	171.6					
UN163 (RNP5)							
▲ ABRAM (FIR BDRY) N342000E0123816	$\frac{164^0}{347^0}$	115	UNL FL195	10			Tripoli control VHF 120.9 MHZ VHF 128.4 MHZ
▲ ABU ARGUB VOR/DME ABU N322746E0131010	$\frac{169^0}{348^0}$	126	CLASS A				ABRAM-GRT ONE WAY SOUTHBOUND ONLY..
▲ GHERIAT NDB GRT N302341E0133509							

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
					Even	Odd	
UP32 (RNP5)							
▲ EKLIS (FIR BDRY) N342000E0202855	<u>234°</u> 053°	66					BENHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz
▲ RAMLI N334300E0192300	<u>213°</u> 033°	61					
▲ ORGON N325246E0184052	<u>212°</u> 032°	115	UNL FL195 CLASS A				
▲ CILBA N311800E0172400		75		10			
▲ DERNI N301328E0164015	<u>208°</u> 028°	75					
▲ HON NDB HON N290800E0155700	<u>210°</u> 030°	68					Tripoli Information HF 11300 HF 5517
▲ ALGAF N281000E0151600	<u>210°</u> 029°	82					
▲ SEBHA VOR/DME SEB N265944E0142735							

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
					Even	Odd	
UP126 (RNP5)							
▲ LUMED (FIR BDRY) N342000E0144203	<u>169°</u> 349°	57					
▲ SAMAK N332404E0145238		66		10			Tripoli CONTROL VHF120.9 MHz VHF 128.4MHz
▲ MISRATA VOR/DME MIS N321852E0150440		54	<u>UNL</u> FL245 CLASS A				
▲ NAMWA N312542E0151824	<u>166°</u> 344°	31					Tripoli Information HF 11300 HF 5517
△ NJEIM N305560E01527.6		110					
▲ HON NDB HON N290800E0155700	<u>164°</u> 351°	58	<u>UNL</u> FL245 CLASS F				
▲ FUGHA N281001E0160541		61		20			
△ HORUJ N270906E0161442		44					
▲ TMISA N262548E0162054		87					
▲ NADED N250000E0163602	<u>171°</u> 349°	182					
▲ GARIN (FIR BDRY) N220000E0170636							GARIN-LUMED ONE WAY NORTHBOUND ONLY..

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						
					Even	Odd							
UP128 (RNP5) ▲ TANLI (FIR BDRY) N332938E0113000 ▲ AMWAJ N332842E0123754 ▲ HITAN N332736E0132509 ▲ SAMAK N332404E0145238 ▲ OJAAJ N331548E0170000 ▲ DOLFI N331248E0174312 △ PUFER N325901E0194748 ▲ LABRAQ NDB LAB N324641E0220113 ▲ LOSUL (FIR BDRY) N314100E0250800	089° 269°	57	UNL FL195 CLASS A	10	↑		Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz LAB -TANLI ONE WAY WESTBOUND ONLY.						
	089° 270°	40											
	090° 271°	73											
	092° 273°	107											
	093° 273°	36											
	095° 275°	106											
	093° 274°	113						↑	↓				
	109° 290°	171											
													BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 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
					Even	Odd	
UY751 (RNP5) ▲ RASNO (FIR BDRY) N342000E0212758 ▲ AMTAR N340000E0215618 ▲ VUSOR N330000E0232117 ▲ LOSUL (FIR BDRY) N314100E0250800	127° 307° 126° 307° 127° 308°	31 93 120	UNL FL245 CLASS A	10			Malta ACC VHF 123.625 MHz BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz Tripoli INFORMATION HF 11300 HF 5517
UZ178 (RNP5) ▲ LABRAQ LAB NDB N324607E0220102 ▲ MKILY N315900E0222000 ▲ OBNUS N295401E0232848 ▲ DITAR N265901E0250000	158° 338° 151° 332° 152° 333°	50 138 192	UNL FL245 CLASS A	10			BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz SOUTH BOUND ONLY ONE WAY 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
					Even	Odd	
UZ270 (RNP5) ▲ OLMAX (FIR BDRY) N342000E0180750 ▲ IDOMI N340000E0184854 ▲ RAMLI N334300E0192300	$\frac{117^\circ}{298^\circ}$ $\frac{118^\circ}{298^\circ}$	39 33	UNL FL195 CLASS A	10			Malta ACC VHF 123.625 MHz RAMLI -OLMAX ONE WAY NORTHBOUND ONLY. BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz
UZ350 (RNP5) ▲ RASNO (FIR BDRY) N342000E0212758 ▲ RAMLI N334300E0192300 ▲ FARUJ N333124E0184354 ▲ TUNAR N332448E0182212 △ DOLFI N331248E0174312 ▲ SOLUN N325912E0170000 ▲ CIBIA N324012E0160112 ▲ MISRATA VOR/DME MIS N321852E0150440	$\frac{248^\circ}{067^\circ}$ $\frac{248^\circ}{068^\circ}$ $\frac{248^\circ}{067^\circ}$ $\frac{247^\circ}{067^\circ}$ $\frac{244^\circ}{064^\circ}$	110 35 19 35 39 53 52	UNL FL195 CLASS A	10	 		BENGHAZI CONTROL VHF 129.2 MHz VHF 126.5 MHz Tripoli CONTROL VHF 120.9 MHz VHF 128.4 MHz

ENR 3.6 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	Controlling unit and frequency
1	2	3	4	5	6	7
TRIPOLI VOR/DME (TPI) N323940 E0130919	320	LEFT	265	FL150-FL290	1 1/2	Tripoli Control 120.9 MHz 128.4 MHz
	090	RIGHT	230	FL2000 -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	2000 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

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ENR 4. RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 RADIO NAVIGATION AIDS - EN-ROUTE

STATION NAME	IDET	FREQUEY	HOURS OF PERATIN	COORDINATES	ELEVATION DME ANTENNA	REMARKS
ABU ARGUB VOR/DME(E000)	ABU	115.1 MHz	H24	N322746 E0131010	489 ft	
BEDA NDB	XS	365KHz	H24	N283000 E0190000		
BENINA VOR/DME (E003)	BNA	117.4 MHz	H24	N320728 E0201513	349 ft	
BENI WALID VOR/DME (E001)	WLD	115.9 MHz	H24	N314657 E0140034	1000 ft	
DAHRA VOR/DME (E002)	DHR	116.1 MHz	H24	N292803 E0175554		
GHADAMES VOR/DME (E001)	GAD	115.8 MHz	H24	N300949 E0094429	1110 ft	
GHAT DVOR/DME (E001)	GHT	114.8 MHz	H24	N250933 E0100823	2296ft	
GHERIAT NDB (E002)	GRT	337 KHz	H24	N302341 E0133509		
JODAY NDB (E002)	TRO	328 KHz	H24	N324745 E0124940		
JUFRA NDB	JFR	438KHz	H24	N291200 E0160018		
KADRA NDB (E002)	KDR	429 KHz	H24	N322200 E0133700		
KUFRA VOR/DME (E003)	KFR	113.2 MHz	H24	N240914 E0231828	1376 ft	
LABRAQ NDB (E002)	LAB	392KHz	H24	N324641 E0220113		

STATION NAME	IDENT	FREQUENCY	HOURS OF PERATION	COORDINATES	ELEVATION DME ANTENNA	REMARKS
MARSA BREGA NDB (E003)	MB	403 KHz	H24	N302506 E0193421		
MISRATA VOR/DME (E002)	MIS	117.1 MHz	H24	N321852 E0150440	22 ft	
MITIGA VOR/DME (E001)	MTG	113.4 MHz	H24	N325338 E0131619	32 ft	
MIZDA VOR/DME (E001)	IZD	116.5 MHz	H24	N312709 E0130038	1910 ft	
MIZDA NDB (E002)	IZD	378 KHz	H24	N312646 E0125825		
NASSER VOR/DME	TBQ	112.3MHz	H24	N315126 E0235401		
SARIR NDB (E003)	GS	305 KHz	H24	N273900 E0223000		
SEBHA VOR/DME (E002)	SEB	114.7 MHz	H24	N265944 E0142735	1405 ft	
SIRTE VOR/DME (E002)	SRT	117.0 MHz	H24	N310333 E0163553	267 ft	
TAZERBO NDB (E003)	TZR	269 KHz	H24	N254007 E0210536		
TRIPOLI VOR/DME (E002)	TPI	114.6 MHz	H24	N323947 E0130706	367 ft	
UBARI NDB (E002)	UBR	417 KHz	H24	N263552 E0124648		
ZAWIA VOR/DME (E000)	ZAW	117.7 MHz	H24	N324643 E0123847	100 ft	
ZWARA NDB (E002)	ZAR	432 KHz	H24	N325707 E0120122		

ENR 4.4 NAME - CODE DESIGNATORS FOR SIGNIFICANT POINTS

NAME-CODE DESIGNATOR	COORDINATES	ATS ROUTE OR OTHER ROUTE
ABU ARGUB	N 32 2746 E013 1010	T297 UN163 V500 V600 V700 V800 V900
ABRAM	N342000 E0123816	M727, T295, UN163
AGAAR	N271824 E0140000	W858
AKMID	N253830 E0185330	W858F, UL12
ALBEY	N302600 E0150000	W861
ALGAF	N281000 E0151600	W854, UP32
AMTAR	N340000 E0215618	UY751
AMWAJ	N332842 E0123754	UP128
ANHAR	N303100 E0210500	UM732
ARADA	N304636 E0213348	R2
ARRIG	N272930 E0200112	G663F, W857, W857F, UM999
ATOLL	N324500 E0195454	M620, V400, UM620
BAGLI	N315636 E0160000	W860
BONAR	N342000 E0190213	M7, M620, UM620, UM980
BOURI	N314124 E0184259	B21, W861
BRACK	N273000 E0142012	A403
BREAM	N325330 E0140500	V950,V200
BURHA	N272218 E0124724	UM999
CIBIA	N324012 E0160112	V400, UZ350 , V100
CILBA	N311800 E0172400	W860, W861, UP32
CLAMS	N331700 E0120800	A411, R845, V950
CONCH	N325948 E0130000	V950
DAHRA	N29 2803 E017 5554	UL12 W9 W857 G665 G659
DAMUN	N302805 E0205530	M620, UM620
DARIP	N333125 E0210045	Z177, UM980
DAYFA	N281918 E0205236	B21, B21F, G659
DEKIL	N220000 E0122806	G858F, UM727, UM731
DERJE	N294742 E0111900	A18, A18F, UM731
DERNI	N301328 E0164015	G659, UP32
DERKA	N330900 E0132202	A411 ,W863
DISOL	N334113 E0131428	M726, T299
DITAR	N265903 E0250000	R2, UM732, UM999, UR778F UZ178
DOLFI	N331248 E0174312	B21, M732, UM732, UP128, UZ350,V100
EBITO	N301222 E0122407	W853, UG655
EKLIS	N342000 E0202855	UP32
ELGAN	N245000 E0153754	G655F, UM214
ELIMO	N342000 E0162210	M732, Z333
ERMIX	N335819 E0182401	M621
EVRAN	N34 0000 E016 4635	M732

NAME-CODE DESIGNATOR	COORDINATES	ATS ROUTE OR OTHER ROUTE
FARES	N320949 E0105652	UG655, UM731
FARUJ	N333124 E0184354	M621, UZ350,V100
FARWA	N330000 E0121812	V300
FUGHA	N281001 E0160541	W9, UP126
FUNGI	N303636 E0120824	A18, UG655
GALPO	N311534 E0113851	UG655, UM600
GARIN	N220000 E0170636	G655F, UM214, UP126
GARUS	N324000 E0170000	A411, V400, V950
GASRI	N335609 E0113000	R845
GENIN	N320840 E0185710	N68
GHERIAT	N30 2341 E013 35 09	UN163 R845 V700 A403
GWASM	N320800 E0130700	V800
HAMOR	N320900 E0182400	B21, V300
HAMRA	N293200 E0125000	V800, W861, UG655
HITAN	N332736 E0132509	M740, UP128
HORUJ	N270906 E0161442	G663F, UM999, UP126
IDOMI	N340000 E0184854	UZ270
INDOT	N342000 E0165653	B21, M622, UM979
IVAKI	N 325530 E0150618	L31, V200, A411
KADRA	N32 2200 E0133700	M740 G659 V500 A18
KALIJ	N313300 E0160000	W857
KANIR	N254613 E0182904	W858F, UM215
KARUB	N273524 E0211524	B21F, G663F, UM999
KAVEN	N300000 E0135958	M740
KAVOX	N325700 E0145603	A411
KEPOS	N272230 E0182810	UL12
KHOMS	N324024 E0135912	V400, W860
LABAX	N314327 E0162855	G662
LAGSI	N252145 E0194418	W858F, UM7
LEBKO	N284908 E0193736	G659, UM7
LETNO	N340000 E0172811	M622
LOSUL	N314100 E0250800	A411, UM980, UP128, UY751
LOTIN	N342000 E0150959	L31, UL12,W852
LUMED	N342000 E0144203	P126, UM215, UP126 ,W863
MAGNA	N322130 E0140000	V500
MASIT	N272816 E0194016	G663F, UM7, UM999
MEKDA	N324408 E0193301	V400
MKILY	N315900 E0222000	A411 UZ178
MISIK	N330715 E0183527	N68
NABUR	N290307 E0172012	W9, UM215

NAME-CODE DESIGNATOR	COORDINATES	ATS ROUTE OR OTHER ROUTE
NADED	N250000 E0163602	UP126
NAFUS	N304436 E0110954	G855, UM731
NAGDA	N321500 E0162328	G662 UL12
NALUT	N315101 E0105854	UM731
NAMWA	N312542 E0151824	G660, G661, UP126
NASER	N315112 E0235518	A411, W861
NAWRS	N325324 E0133148	M740,T295,T297,V950,W852
NETAG	N340032 E0181517	N68, UM979
NGIRT	N285200 E0112700	W861
NJEIM	N305536 E0152736	G659, G661 ,UP126
OBNUS	N295401 E0232848	UZ178
ODGAX	N333754 E 0135256	W863,W857
OJAAJ	N331548 E0170000	UP128
OKLIR	N340000 E0171049	B21
OLMAX	N342000 E0180750	M621, N68, UZ270
ORBEL	N282236 E0113218	W853, UM731
ORGON	N325246 E0184052	N68, UP32
ORNAT	N200000 E0250000	B21F
PRAWN	N324000 E0180500	A411, B21, V400
PUFER	N325901 E0194748	M620, UM620, UP128
RAMLI	N334300 E0192300	M620,UM620,UM979,UP32,UZ270,UZ350,V100
RASNO	N342000 E0212758	M1, Z178,UZ178, UY751, UZ350 ,V100
REDFI	N332030 E0205442	M1
REXUN	N333206 E141539	W852,M739
RIGED	N315251 E0192258	M7, UM732
RODOD	N312538 E0195724	UM732
RYHAN	N321200 E0133000	A18, V600
RZAAM	N324818 E0191536	M7, M621, M622, Z333
SAHRA	N243812 E0133100	G858F
SAKKR	N321236 E0124748	V900
SAMAK	N332404 E0145238	P126, UP126, UP128
SARIR	N273900 E0223000	UM999 G659 G663F
SARKI	N342000 E0131447	M600, M726, M740, W857 ,UM600
SHATI	N280200 E0141201	A403
SHELL	N332024 E0131530	M726, T295
SINAW	N310600 E0110600	V900
SKATE	N334500 E0130018	M600, T295 UM600
SODOR	N273747 E0220159	M620, UM620
SOLAB	N300235 E0165832	UM215
SOLUN	N325912 E0170000	UZ350,V100,V200

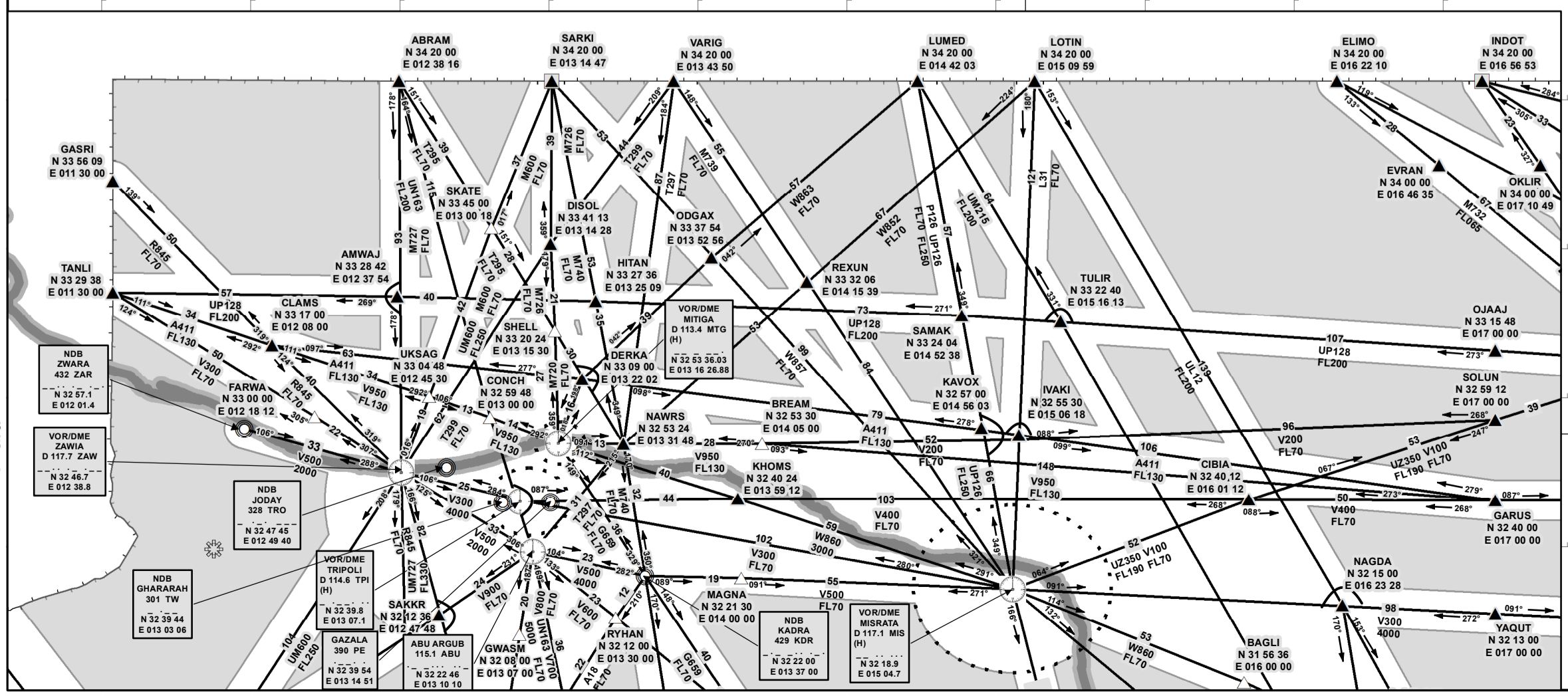
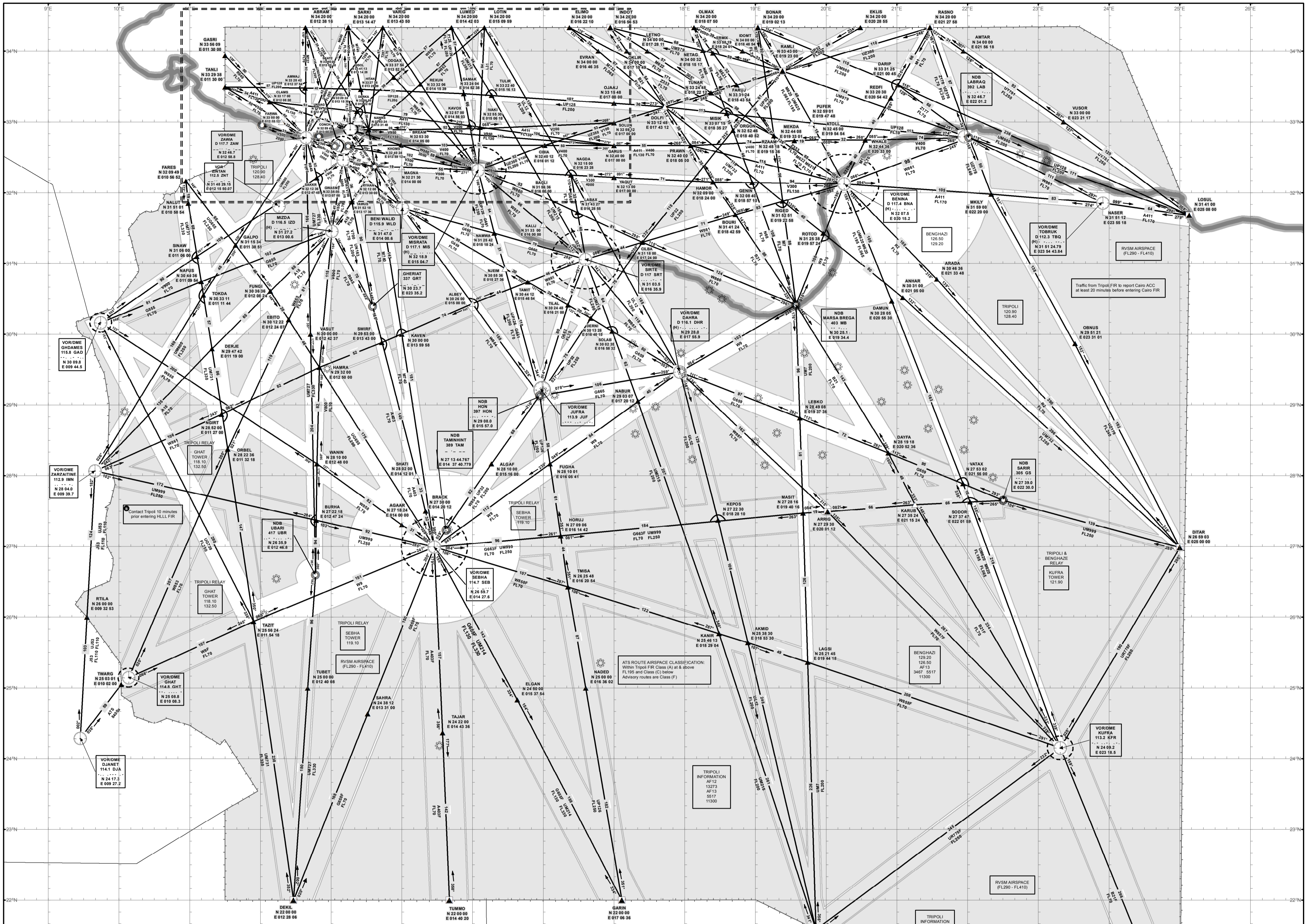
NAME-CODE DESIGNATOR	COORDINATES	ATS ROUTE OR OTHER ROUTE
SWIRF	N295300 E0134300	W861
TAJAR	N242200 E0143436	A403F
TAMIT	N304412 E0154654	G659, W861
TANLI	N332938 E0113000	A411, V300, UP128
TAWUS	N315218 E0131736	A18, V700 ,UN163
TAZIT	N255624 E0115418	W9F, UG739, UM731
TILAL	N302448 E0162100	G659, G662
TMISA	N262548 E0162054	W858F, UP126
TOKDA	N303311 E0111144	UM600
TONBA	N213518 E0195112	UL12, UM7, UM215, UR778F
TUBET	N250000 E0124008	UM727
TULIR	N332240 E0151613	UM215
TUMMO	N220000 E0144020	A403F
TUNAR	N332448 E0182212	M622, UZ350 ,V100
TWARG	N250301 E0100200	W9F
UKSAG	N330448 E0124530	M600, V950, UM600
VARIG	N342000 E0134350	M739, T297, T299
VASUT	N300000 E0124237	UM727
VATAX	N275312 E0215602	M620, UM620
VUSOR	N330000 E0232117	UY751
WANIN	N281000 E0124800	V800, W858
WHALE	N324436 E0203300	M1, V400
YAQUT	N321300 E0170000	V300
ZAWIA	N324643 E0123847	UM727 UM600 M600 R845 V300 V500 T299 M727

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)-42 N324400 E0153000 N321400 E0153000 N322600 E0151500 N324400 E0150600 N324400 E0153000	<u>FL245</u> GND	By NOTAM
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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LEGEND

- COMPULSORY REP.POINT
- NON-COMPULSORY REP.POINT
- MET COMPULSORY REP.POINT
- MET NON-COMPULSORY REP.POINT
- AIR STRIP
- NDB
- VOR/DME
- CONTROL ZONE
- FLIGHT INFORMATION REGION (FIR)
- DISTANCE IN NM
- MAGNETIC TRACK
- R401 ROUTE DESIGNATOR
- FL70 LOWER LIMIT
- CONTROLLED AIRSPACE AND FIS ROUTES SHOWN IN WHITE

0 40 80 160 NM
0 75 150 300 KM

AMENDMENTS: New Chart.

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PART 3 - AERODROMES (AD)

AD 0.

AD 0.5 LIST OF HAND AMENDMENTS TO THE AIP

AIP Page(s) affected	Amendment Text	Introduced by AIP Amendment No.

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AD 3.3 PETROLEUM AERODROMES AND ATTENDED LANDING GROUPS

AERO-DROME AIRSTRIP LOCATION INDICATOR	COORDINATES	ELEV (FT) MAG. VAR	RWY MAG	RWY DIMENSIONS (M)	RWY SURFACE	LIGHTING	NAVAIDS	NAVAID POSITION	RADIO FREQ	GROUND SERVICE	OWNER
Al Bumbah HLBU	N322711 E0230707	33 E 3°	14/32	3400 x45	ASPHALT					JET A 1	
Al Wigh	N241109 E0143158	1558 E 2°	13/31	3650x65	ASPHALT					JET A 1	
			06/24	1770x40	ASPHALT						
Amal-V12 HLAM	N292936 E0210630	144 E 3°	13/31	1800x30	ASPHALT LCN 30	VASI/ PAPI	NDB VA / 310 khz	N292950.00 E0210644.00	131.650MHz 6873 kHz 3644 kHz 7975 kHz	JET A 1	VIBA OIL COMPANY
Beda-M3 HLBD	N282900 E0190000	446 E 2°	17/35	2280 x 45	ASPHALT LCN 60	VASI/ PAPI	NDB XS / 365 KHz	N283000.00 E0190000.00	131.900 MHz 7326 KHz 3523 KHz	JET A 1	AGOCO OIL COMPANY
Beni Walid HLWD	N314405 E0135705	1000 E 2°	18/36	1800 x 45	ASPHALT	YES	VOR / DME WLD / 115.9 MHz NDB WLD / 266 KHz	N314657.07 E0140033.95 N314400.00 E0140100.00	118.400 MHz 123.900 MHz		GOVERN- MENT
Booster HLBS	N295500 E0231600	151 E 3°	04/22	1000 x 40	GRAVEL	VASI/ PAPI	NDB XY / 325 KHz	N295400.00 E0231600.00	131.900 MHz 131.925 MHz		AGOCO OIL COMPANY
			09/27	1000x40	SAND						
Bu Attifel- A100 HLFL	N284711 E0220514	200 E 3°	16/34	2150x45	ASPHALT LCN 60	VASI/ PAPI	NDB ZT / 400 KHz	N285100.00 E0220700.00	131.600 MHz 131.625 MHz 131.850 MHz 780 KHz	JET A 1	AGIP COMPANY
Dahra-WH32 HLRA	N292824 E0175730	1086 E 2°	13/31	1574x40	ASPHALT	VASI/ PAPI	VOR / DME DHR / 116.1 MHz NDB DHR / 374 KHz NDB LOR / 360 KHz	N292802.74 E0175553.77 N292807.00 E0175620.00 N292825.00 E0175827.00	131.700 MHz 5470 KHz	JET A 1 FIRE AMBUL- ANCE	WAHA OIL COMPANY
			09/27	1268x40	ASPHALT						

AERO-DROME AIRSTRIP LOCATION INDICATO	COORDINATES	ELEV (FT) MAG. VAR	RWY MAG	RWY DIMENSIONS (M)	RWY SURFACE	LIGHTING	NAVAIDS	NAVAID POSITION	RADIO FREQ	GROUND SERVICE	OWNER
Eddib-V7 HLDB	N285830 E0173512	400 E 2°	18 / 36	1800 x 30	ASPHALT LCN 30	VAS/ PAPI	NDB VG/405 KHZ	N285848.00 E0173512.00	131.650 MHz 3644 KHZ	JET A1	VEBA OIL COMPANY
			08 / 26	1000 x 30	SAND						
El Feel HLFE	N260233 E0120252	2674 E 1°	03 / 21	2300 x 30	ASPHALT		NDB 400 KHZ	N260316.98 E0120319.32	130.200 MHz 9026 KHZ		
			15 / 33	1500 x 30	ASPHALT LCN 30						
El Sharara HLCH	N263238 E0121333	1634 E 1°	03 / 21	2100 x 30	ASPHALT		NDB R00/450KHZ	N263332.00 E0121340.00	131.000 MHz 121.500 MHz 7598 KHZ	FIRE PPR JET A1	GOVERN- MENT
Essider-OJ HLSD	N303730 E0182105	17 E 3°	13 / 31	2100 x 30	ASPHALT LCN 30	VAS/ PAPI	NDB OJ/ 300 KHZ	N303730.00 E0182104.00	131.700 MHz 5470 KHZ	JET A1	WAHA OIL COMPANY
			12 / 30	800 x 20	SAND						
Fidaa HLFD	N285705 E0171612	907 E 2°	18 / 36	2000 x 30	SAND	VAS/ PAPI			118.400 MHz 7922 KHZ	JP - 1	ZUETINA COMPANY
			14 / 32	2000 x 30	SAND						
Gialo- WH59E HLGL	N284005 E0212630	325 E 3°	09 / 27	1050 x 30	ASPHALT	VAS/ PAPI	NDB GAL/273 KHZ NDB OB/ 261KHZ	N284138.00 E0212622.00 N284004.00 E0212630.00	131.700 MHz 4990 KHZ	JET A1	WAHA OIL COMPANY
			18 / 36	2000 x 30	ASPHALT LCN 30						
Hamada- NC5 HLHM	N304205 E0122912	2133 E 2°	08 / 26	1000 x 30	ASPHALT				131.900 MHz		AGOCO OIL COMPANY
			17 / 35	2350 x 30	ASPHALT LCN 73						

AERO-DROME AIRSTRIP LOCATION INDICATOR	COORDINATES	ELEV (FT) MAG VAR	RWY MAG	RWY DIMENSIONS (M)	RWY SURFACE	LIGHT-ING	NAVAIDS	NAVAID POSITION	RADIO FREQ	GROUND SERVICE	OWNER
Hamada-NC8 HLNM	N293048 E0125642	2047 E 2°	09 / 27	500 x 30	ASPHALT LCN 40		NDB CW / 327 KHZ	N293200.00 E0125000.00	131.900 MHz 131.920 MHz 7326 KHz 5026 KHz 3523 KHz	JET A1 FIRE AMBU- LANCE	AGOCO OIL COMPANY
			18 / 36	2000 x 30	ASPHALT						
Hateiba HLHB	N294406 E0194130	-120 E 3°	08 / 26	1050 x 30	SAND		NDB KH / 326 KHZ	N294406.00 E0194130.00	131.500 MHz		SIRTE OIL COMPANY
			16 / 34	1250 x 30	SAND						
Hon HLON	N290637 E0155754	919 E 2°	13 / 31	1800 x 30	ASPHALT		NDB HON/397 KHZ	N290800.00 E0155700.00	131.400 MHz	JET A1	
Jaref HLRF	N311227 E0162523	35 E 2°	09 / 27	2800 x 30	ASPHALT PCN 70				Sirte TWR 128.600 MHz		
Jufra HLJF	N291153 E0160004	846 E 2°	14 / 32	4185 x 60	ASPHALT	RENL REDL VASI	VOR / DME JUF / 113.9 MHz	N291245.90 E0155914.70		JET A1	
Mabruk HLBR	N295134 E0171535	800 E 2°	01 / 19							REF CAT 5 REFCAT4C Night not approved	
Majed HLMD	N282200 E0215700	400 E 3°	03 / 21	2200 x 80	SAND						AGOCO OIL COMPANY
Marsa- Brega S21 HLMB	N302306 E0193424	50 E 3°	15 / 33	2200 x 30	ASPHALT	YES	NDB MB / 403 KHZ	N302506.00 E0193421.00	131.500MHz 123.500 MHz 7886 KHz	JP - 1 JET A1 FIRE AMBU- LANCE	SIRTE OIL COMPANY
Darnah (Martubah) HLMT	N323227 E0224438	1014 E 3°	14 / 32	3590 x 30	ASPHALT					JET A1	
Messia- 5ALV HLML	N275830 E0222130	307 E 3°	17 / 35	2200 x 30	ASPHALT				131.900 MHz	JET A1	AGOCO OIL COMPANY

AERODROME AIRSTRIPE LOCATION INDICATOR	COORDINATES	ELEV (FT) MAG VAR	RWY MAG	RWY DIMENSIONS (M)	RWY SURFACE	LIGHTING	NAVAIDS	NAVAID POSITION	RADIO FREQ	GROUND SERVICE	OWNER
N29C HLNC	N294354 E0175648	903 E 2°	12/30	1800 x 30	SAND		NDB STF / 317 kHz	N294400.00 E0175700.00	118.400 MHz 7922 kHz		ZUEITINA OIL COMPANY
			18/36	1800 x 30	SAND						
Nafoora-M4 HLNR	N291306 E0213524	128 E 3°	15/33	2790 x 45	ASPHALT	YES	NDB OV / 390 kHz	N291400.00 E0213300.00	131.900 MHz	JET A1	AGOCO OIL COMPANY
Okba Ibn Nafa	N322818 E0115404	253 E 2°	10/28	3200 x 50	ASPHALT						
Oxy-103A HLZG	N290242 E0204654	329 E 3°	15/33	1900 x 30	ASPHALT	PAPI	NDB OXY / 334 kHz	N290208.00 E0204653.00	118.400 MHz 130.900 MHz 7922 kHz	JP-1 JET A1	ZUEITINA OIL COMPANY
Raguba-S24 HLRG	N290600 E0190224	220 E 3°	09/27	1400 x 30	SAND		NDB RAG / 413 kHz	N290600.00 E0190224.00	131.500 MHz		SIRTE OIL COMPANY
			18/36	1700 x 30	SAND						
Ras Lanuf-V40 HLNF	N303000 E0183138	42 E 3°	12/30	1100 x 30	ASPHALT		NDB VR / 385 kHz	N303000.00 E0183148.00	131.650 MHz 131.675 MHz 6873 kHz 3644 kHz	JET A1 FIRE AMBULANCE	VEBA OIL COMPANY
			18/36	1800 x 30	ASPHALT	RL O/R PAPI					
Sabah-S74 HLSE	N281348 E0180624	949 E 2°	15/33	1600 x 25	SAND		NDB PRB / 245 kHz	N281245.00 E0180659.00	118.400 MHz 7922 kHz		ZUEITINA OIL COMPANY
			16/34	1400 x 30	ASPHALT	YES	NDB SAH / 445 kHz	N293239.00 E0201020.00	131.500 MHz		SIRTE OIL COMPANY
Samah-WH59L HLSE	N280900 E0190800	350 E 2°	07/25	1000 x 30	SAND		NDB OA / 330 kHz	N280954.00 E0190548.00	131.700 MHz		WAHA OIL COMPANY
			15/33	1300 x 30	SAND						

AERO-DROME AIRSTRIP LOCATION INDICATOR	COORDINATES	ELEV (FT) MAG VAR	RWY MAG	RWY DIMENSIONS (M)	RWY SURFACE	LIGHTING	NAVAIDS	NAVAID POSITION	RADIO FREQ	GROUND SERVICE	OWNER
Sarir-C4/5ALZ HLSA	N273930 E0223030	398 E 3°	16 / 43	2200 x 45	ASPHALT LCN 71	YES	NDB GS/ 305 MHz	N273.900.00 E0223000.00	131.900 MHz 123.500 MHz 7326 KHz	JET A1 FIRE AMBUL- ANCE	AGOCO OIL COMPANY
			09 / 27 18 / 36	1000 x 30 2000 x 30	SAND SAND		NDB VH / 410 KHz	N292233.00 E0180027.00	131.650 MHz 6873 KHz 3644 KHz	JET A1	VEPA OIL COMPANY
Taminhint HLTM	N271420 E0143922	1325 E 2°	13 / 31	3390 x 45	ASPHALT					JET A1	
Tebesty-V9 HLTS	N283618 E0191818	540 E 3°	01 / 19	1500 x 30	ASPHALT	YES	NDB VO / 295 KHz	N283636.00 E0191832.00	131.650 MHz 6873 KHz	JET A1	VEBA OIL COMPANY
			09 / 27	500 x 30	SAND						
Um--farud HLUF	N291100 E0181100	900 E 2°	05 / 23	1700 x 30	SAND						
			13 / 21	700 x 30	SAND						JET A1
Waddan HLWN	N290820 E0160936	910 E 2°	11 / 29	1985 x 30	ASPHALT						
Wafa HLWF	N285411 E0100454	2188 E 1°	16 / 34	2470 x 45	ASPHALT	RL PAPI - L	NDB WF / 470 KHz	N285331.10 E0100500.50	131.600 MHz 7640 KHz	FIRE Extinguisher	
Waha-WH59A HLWA	N281724 E0195648	480 E 3°	18 / 36	2100 x 30	ASPHALT LCN 30	PAPI	NDB OR / 280 KHz	N281740.00 E0195652.00	131.700 MHz 7695 KHz 5470 KHz	JET A1 FIRE AMBUL- ANCE	WAHA OIL COMPANY
Waw Al Kabir	N252125 E0164836	1465 E 2°	06 / 24	3804 x 45	ASPHALT					JET A1	

AERODROME AIRSTrip LOCATION INDICATOR	COORDINATES	ELEV (FT) MAG VAR	RWY MAG	RWY DIMENSIONS (M)	RWY SURFACE	LIGHTING	NAVAIDS	NAVAID POSITION	RADIO FREQ	GROUND SERVICE	OWNER
Zella-Z74 HLZA	N283520 E0171804	1101 E 2°	05/23	1600 x 45	GRAVEL		NDB PRC / 395 kHz	N283433.00 E0171934.00	118.400 MHz 130.900 MHz 7922 kHz	JP-1 JET A1	ZUEITINA OIL COMPANY
			12/30	2103 x 45	ASPHALT	YES					
Zelten-S22 HLZT	N285712 E0194618	493 E 3°	15/33	1800 x 30	ASPHALT	YES	NDB ZEL / 363 kHz	N285712.00 E0194618.00	131.500 MHz		SIRTE OIL COMPANY
			06/24	1700 x 30	ASPHALT		NDB ZUE / 369 kHz	N305400.00 E0200406.00	118.400 MHz 7922 kHz		
Zueitina-Oxy1 HLZU	N305212 E0200432	20 E 3°	17/35	1776 x 30	ASPHALT						