

GEN 3.2 AERONAUTICAL CHARTS**1. RESPONSIBLE SERVICES**

- 1.1 The Libyan Civil Aviation Authority provides a wide range of aeronautical charts for use by all types of civil aviation. The Aeronautical Information Service produces the charts which are part of the AIP, all other aeronautical charts are produced by the Department of Surveys. Charts, suitable for preflight planning and briefing are selected from those listed in the ICAO Aeronautical Chart Catalogue (Doc 7101), they are available for reference at aerodrome AIS units (their addresses can be found under paragraph 3.1 below.) The charts are produced in accordance with the provisions contained in Annex 4 – Aeronautical Charts. Differences to these provisions are detailed in sub-section GEN 1.7.

2. MAINTENANCE OF CHARTS

The authority responsible for the Chart maintenance is the CAA. Charts are available from HQ AIS.

3. PURCHASE ARRANGEMENTS

- 3.1 The charts listed in GEN 3.2-2 and GEN 3.2-3 might be obtained from the following address:
CAA HQ-AIS (ref page GEN 1.1-1)

4. AERONAUTICAL CHART SERIES AVAILABLE

- 4.1 The following series of aeronautical charts are produced:

- a) World Aeronautical Charts
- b) Aeronautical Charts Libya ICAO 1:500,000
- c) Approach and Landing Charts
- d) Visual Approach and Landing Charts
- e) Aerodrome Obstacle Charts "Type A"
- f) Aerodrome Charts
- g) Aircraft Parking/Docking Charts
- h) Standard Departure Charts Instrument
- i) Standard Arrival Charts Instrument

4.2 General description of each series

- a) **WORLD AERONAUTICAL CHARTS - ICAO 1 : 1,000,000**
These charts constitute the contribution made by Libya to the World Aeronautical Chart - ICAO 1 : 1,000,000 series and are required for preflight planning as well as pilotage.
- b) **AERONAUTICAL CHARTS LIBYA - ICAO 1 : 500,000**
These type of chart (14 sheets covering entire Libya national territory) provides information to satisfy the requirements of visual air navigation for low speed, short - or medium - range operations at low and intermediate altitudes.

- c) **Instrument Approach Charts - ICAO**
Instrument Approach Charts are available for all aerodromes open to International Civil Aviation where instrument approach procedures have been established. Their function is to provide the pilot with a graphic presentation of instrument approach; missed approach and, where appropriate, holding procedures to the aerodrome of intended landing.

- d) **Visual Approach and Landing Charts - ICAO**
Visual Approach and Landing Charts conforming to the specifications of Annex 4 are available for some aerodromes listed in the AIP. Their function is to provide the pilot with a graphic presentation of the approach to an aerodrome by visual reference and to provide an illustration of the aerodrome which will facilitate the approach to the runway of intended landing.

- e) **Aerodrome Obstacle Charts - ICAO Type A**
These charts provide the data necessary to enable an operator to comply with the operating limitations of Annex 6 chapter 5 through the determination of minimum safe heights and procedures to use in the event of an emergency during take-off or landing.

- f) **Aerodrome Charts - ICAO**
Aerodrome Charts are available for 14 aerodromes listed in GEN 3.2-5. The charts provide flight crews with information that will facilitate the ground movement of aircraft to and from the runways and aprons and to portray the major flight operation facilities at the aerodrome.

- g) **Aircraft Parking/Docking Charts - ICAO**
These charts are produced for those aerodromes where, due to the complexity of the terminal facilities, the information to facilitate the ground movement of aircraft between the taxiways and the aircraft stands and parking/docking of aircraft cannot be shown with sufficient clarity on the Aerodrome chart - ICAO.

- h) **Standard Departure Charts Instrument - ICAO**
These charts are produced whenever a standard instrument departure procedure has been published. The aeronautical data shown include the aerodrome of departure, prohibited, restricted and danger areas and the air traffic services system. These charts provide the flight crew with information that will enable them to comply with the designated standard departure from the Take-off phase to the En-route phase.

- i) Standard Arrival Charts Instrument - ICAO
These charts are produced whenever a standard instrument arrival procedure has been published. The aeronautical data shown include the aerodrome of landing, prohibited, restricted and danger areas and the air traffic services system. These charts provide the flight crew with information that will enable them to comply with the designated standard arrival from the En-route phase to the approach phase.

LIST OF CHART SERIES

Title of Series	Scale	Name	Number	Price per sheet	Date
World Aeronautical Chart - ICAO (WAC)	1 : 1,000,000	ONC G2 ONC G3 ONC H3 ONC H4 ONC J3 ONC J4 ONC J5			19 OCT 95 27 JUL 98 3 APR 84 16 NOV 98 23 AUG 88 27 JAN 00 8 JAN 88
Aeronautical Chart Libya - ICAO	1 : 500,000		HL-1 HL-2 HL-3 HL-4 HL-5 HL-6 HL-7 HL-8 HL-9 HL-10 HL-11 HL-12 HL-13 HL-14		Edition 2012
Instrument Approach & Landing Chart - ICAO (IAC)	BENGHAZI/Benina Intl				
	1 : 350,000	VOR ILS DME RWY 33L	AD 2 HLLB-25	in AIP	20 SEP 12
	1 : 250,000	VOR DME RWY 15L/R	AD 2 HLLB-27	in AIP	20 SEP 12
		VOR DME RWY 33L/R	AD 2 HLLB-29	in AIP	20 SEP 12
		Locator RWY 15L/R	AD 2 HLLB-31	in AIP	20 SEP 12
		Locator RWY 33L/R	AD 2 HLLB-33	in AIP	20 SEP 12
	EL BEIDA/Labraq				
	1 : 250,000	NDB ILS DME RWY 28	AD 2 HLLQ-9	in AIP	20 SEP 12
		NDB RWY 10	AD 2 HLLQ-11	in AIP	20 SEP 12
		NDB RWY 28	AD 2 HLLQ-13	in AIP	20 SEP 12
	GHADAMES/Ghadames				
	1 : 250,000	VOR DME RWY 06	AD 3 HLTD-9	in AIP	20 SEP 12
		VOR DME RWY 24	AD 3 HLTD-11	in AIP	20 SEP 12
		NDB RWY 06	AD 3 HLTD-13	in AIP	20 SEP 12
		NDB RWY 24	AD 3 HLTD-15	in AIP	20 SEP 12
GHAT/Ghat					
1 : 200,000	VOR DME RWY 17	AD 3 HLG-9	in AIP	20 SEP 12	
	VOR DME RWY 35	AD 3 HLG-11	in AIP	20 SEP 12	
	NDB RWY 17	AD 3 HLG-13	in AIP	20 SEP 12	
KUFRA/Kufra					
1 : 200,000	VOR DME RWY 02	AD 2 HLKF-9	in AIP	20 SEP 12	
	VOR DME RWY 20	AD 2 HLKF-11	in AIP	20 SEP 12	
MISRATA/Misrata Intl					
1 : 250,000	VOR DME RWY 15	AD 2 HLMS-9	in AIP	20 SEP 12	
	VOR DME RWY 33	AD 2 HLMS-11	in AIP	20 SEP 12	
SEBHA/Sebha Intl					
1 : 250,000	ILS DME RWY 13	AD 2 HLLS-23	in AIP	20 SEP 12	
	VOR DME RWY 13	AD 2 HLLS-25	in AIP	20 SEP 12	
	VOR DME RWY 31	AD 2 HLLS-27	in AIP	20 SEP 12	

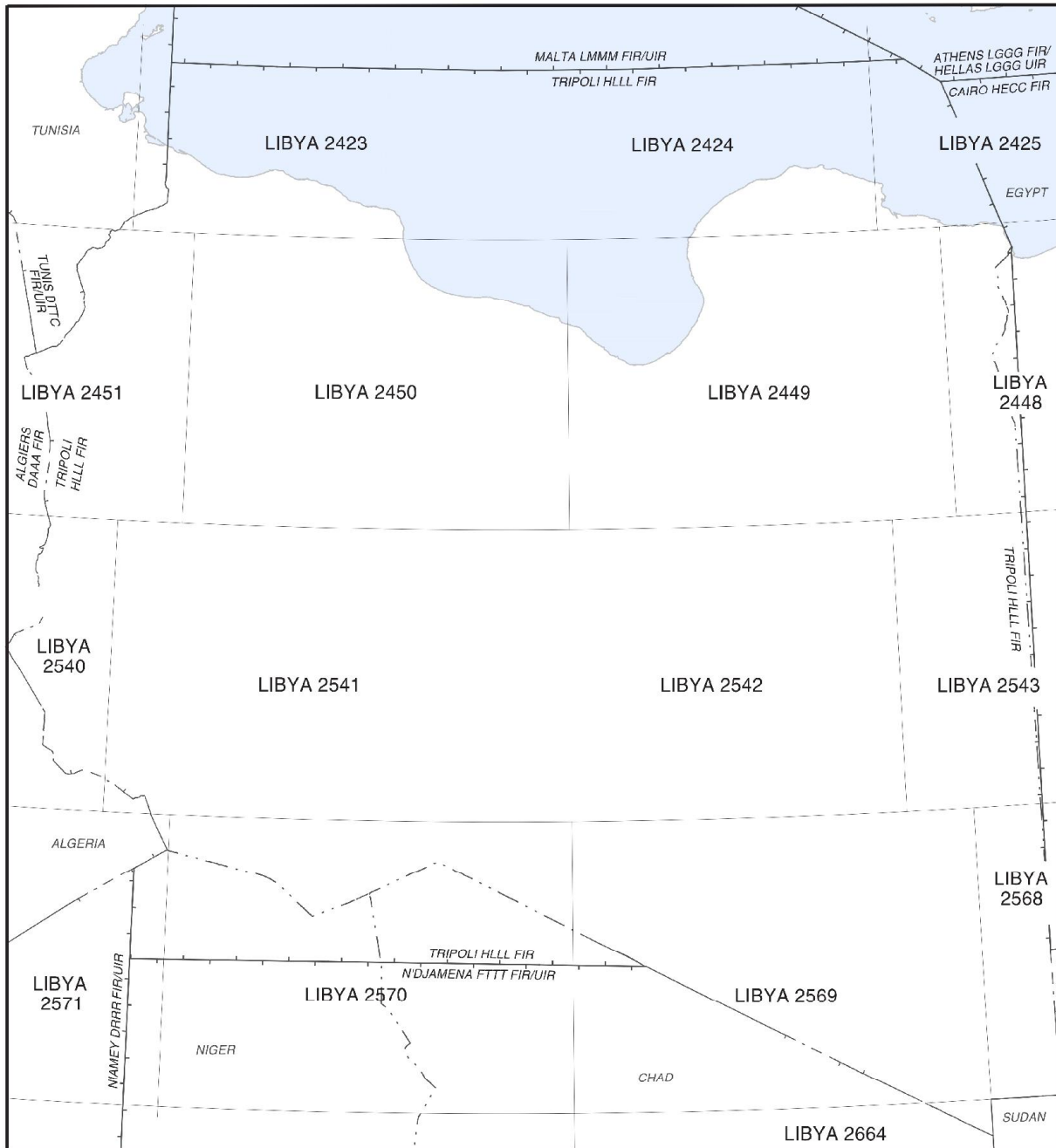
LIST OF CHARTS SERIES

Title of Series	Scale	Name	Number	Price per sheet	Date
Instrument Approach & Landing Chart ICAO (IAC)	SIRTE / Ghardabiya Intl				
	1 : 250,000	VOR ILS DME RWY 36	AD 2 HLGD-9	in AIP	20 SEP 12
		VOR DME RWY 18	AD 2 HLGD-11	in AIP	20 SEP 12
		VOR DME RWY 36	AD 2 HLGD-13	in AIP	20 SEP 12
	TRIPOLI / Tripoli Intl				
	1 : 250,000	ILS DME RWY 27	AD 2 HLLT-33	in AIP	20 SEP 12
VOR DME RWY 09		AD 2 HLLT-35	in AIP	20 SEP 12	
VOR DME RWY 27		AD 2 HLLT-37	in AIP	20 SEP 12	
Locator RWY 09		AD 2 HLLT-39	in AIP	20 SEP 12	
Locator RWY 27		AD 2 HLLT-41	in AIP	20 SEP 12	
TRIPOLI / Mitiga Intl					
1 : 250,000	DVOR DME RWY 10	AD 2 HLLM -9	in AIP in AIP	13 AUG 20	
	DVOR DME RWY 28	AD 2 HLLM -11		13 AUG 20	
Standard Departure Chart Instrument ICAO (SID)	BENGHAZI / Benina Intl				
	1 : 790,000	SID C RWY 15L/R	AD 2 HLLB-13	in AIP	20 SEP 12
	1 : 790,000	SID C RWY 33L/R	AD 2 HLLB-15	in AIP	20 SEP 12
	Sebha / Sebha Intl				
	1 : 790,000	SID C RWY 13	AD 2 HLLS-11	in AIP	20 SEP 12
	1 : 790,000	SID C RWY 31	AD 2 HLLS-13	in AIP	20 SEP 12
	TRIPOLI / Tripoli Intl				
	1 : 1,000,000	SID C RWY 09	AD 2 HLLT-17	in AIP	20 SEP 12
	1 : 1,000,000	SID C RWY 09	AD 2 HLLT-19	in AIP	20 SEP 12
	1 : 1,000,000	SID C RWY 27	AD 2 HLLT-21	in AIP	20 SEP 12
	1 : 1,000,000	SID C RWY 27	AD 2 HLLT-23	in AIP	20 SEP 12
Standard Arrival Chart Instrument ICAO (STAR)	BENGHAZI / Benina Intl				
	1 : 790,000	STAR A RWY 15L/R	AD 2 HLLB-17	in AIP	20 SEP 12
	1 : 790,000	STAR B RWY 15L/R	AD 2 HLLB-19	in AIP	20 SEP 12
	1 : 790,000	STAR D RWY 33L/R	AD 2 HLLB-21	in AIP	20 SEP 12
	1 : 790,000	STAR E RWY 33L/R	AD 2 HLLB-23	in AIP	20 SEP 12
	Sebha/Sebha Intl				
	1 : 790,000	STAR A RWY 13	AD 2 HLLS -15	in AIP	20 SEP 12
	1 : 790,000	STAR B RWY 13	AD 2 HLLS -17	in AIP	20 SEP 12
	1 : 790,000	STAR D RWY 31	AD 2 HLLS -19	in AIP	20 SEP 12
	1 : 790,000	STAR E RWY 31	AD 2 HLLS -21	in AIP	20 SEP 12

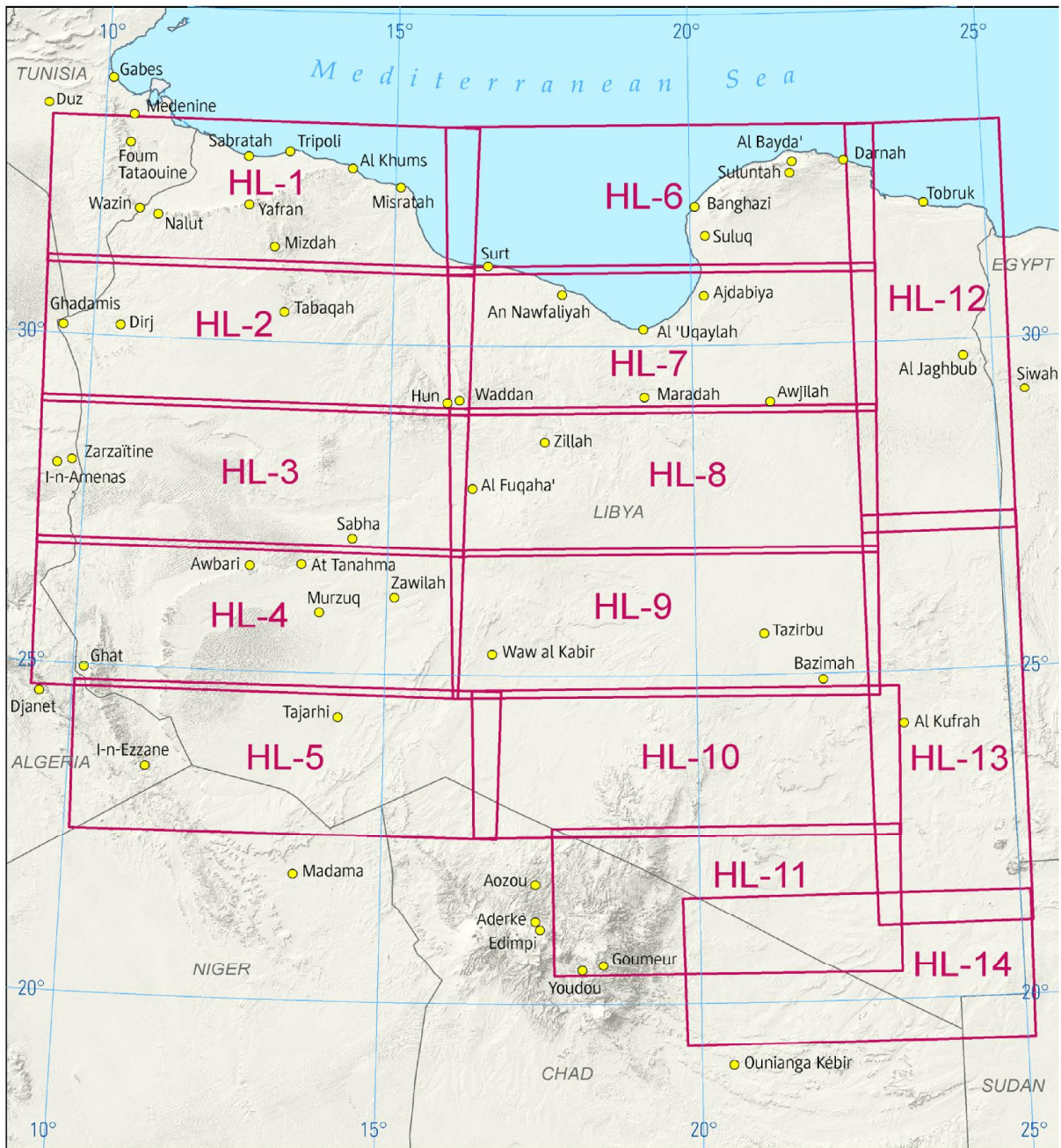
LIST OF CHARTS SERIES

Title of Series	Scale	Name	Number	Price per sheet	Date
Standard Arrival Chart Instrument ICAO(STAR))	TRIPOLI / Tripoli Intl				
	1 : 1,000,000	STAR A RWY 09	AD 2 HLLT - 25	in AIP	20 SEP 12
	1 : 1,000,000	STAR B RWY 09	AD 2 HLLT - 27	in AIP	20 SEP 12
	1 : 1,000,000	STAR D RWY 27	AD 2 HLLT - 29	in AIP	20 SEP 12
	1 : 1,000,000	STAR E RWY 27	AD 2 HLLT - 31	in AIP	20 SEP 12
Visual Approach & Landing Chart - ICAO (IAC)	1 : 200,000	BENGHAZI/Benina Intl	AD 2 HLLB-35	in AIP	20 SEP 12
	1 : 200,000	SEBHA/Sebha Intl	AD 2 HLLS-29	in AIP	20 SEP 12
	1 : 200,000	TRIPOLI / Tripoli Intl	AD 2 HLLT- 43	in AIP	20 SEP 12
Aerodrome Obstacle Chart - ICAO Type A (AOC)	1 : 20,000	BENGHAZI/Benina Intl	AD 2 HLLB-11	in AIP	20 SEP 12
	1 : 20,000	SEBHA /Sebha Intl	AD 2 HLLS- 9	in AIP	20 SEP 12
	1 : 20,000	TRIPOLI / Tripoli Intl	AD 2 HLLT- 13	in AIP	20 SEP 12
Aerodrome Chart - ICAO (ADC)	1 : 30,000	BENGHAZI / Benina Intl	AD 2 HLLB- 9	in AIP	20 SEP 12
	1 : 20,000	BURDI / Kambut	AD 3 HLBK-7	in AIP	20 SEP 12
	1 : 20,000	EL BEIDA / Labraq	AD 2 HLLQ-7	in AIP	20 SEP 12
	1 : 25,000	GHADAMES / Ghadames	AD 3 HLTD-7	in AIP	20 SEP 12
	1 : 25,000	GHAT / Ghat	AD 3 HLG7-7	in AIP	20 SEP 12
	1 : 30,000	KUFRA / Kufra	AD 2 HLKF-7	in AIP	20 SEP 12
	1 : 20,000	MISRATA / Misrata Intl	AD 2 HLMS-7	in AIP	20 SEP 12
	1 : 25,000	SEBHA / Sebha Intl	AD 2 HLLS-7	in AIP	20 SEP 12
	1 : 30,000	SIRTE/Ghardabiya Intl	AD 2 HLGD-7	in AIP	20 SEP 12
	1 : 25,000	TOBRUK / Tobruk	AD 3 HLTQ-7	in AIP	20 SEP 12
	1 : 15,000	TRIPOLI/Tripoli Intl	AD 2 HLLT-9	in AIP	20 SEP 12
	1 : 20,000	TRIPOLI / Mitiga Intl	AD 2 HLLM-7	in AIP	13 AUG 20
	1 : 15,000	UBARI/Ubari	AD 3 HLUB-7	in AIP	20 SEP 12
	1 : 15,000	ZWARA/Zwara	AD 3 HLZW-7	in AIP	20 SEP 12
Aircraft Parking Docking Chart ICAO (PDC)	1 : 5500	TRIPOLI / Mitiga Intl	AD 2 HLLT- 11	in AIP	20 SEP 12

5. INDEX TO THE WORLD AERONAUTICAL CHART (WAC) - ICAO 1: 1,000,000



6. INDEX TO THE AERONAUTICAL CHART LIBYA - ICAO 1 : 500,000



| 7. TOPOGRAPHICAL CHARTS

Nil.

| 8. CORRECTIONS TO CHARTS NOT CONTAINED IN THE AIP

CHARTS	LOCATION	CORRECTIONS