

AD 2. AERODROMES**DAUG AD 2.1 Aerodrome location indicator and name**

DAUG – GHARDAIA/Noumérat-Moufidi Zakaria

DAUG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and location</i>	32°22'54"N 003°47'58"E Intersection RWY 12/30 with TWY B1.
2	<i>Direction and distance from (city)</i>	Located of 8.63 NM Southeast from city of Ghardaia.
3	<i>Elevation/Reference temperature</i>	461 M / 39°C
4	<i>Geoid undulation</i>	NIL
5	<i>MAG VAR / Annual change</i>	1°E / 2017 0° 6' E
6	<i>AD Administration, address, telephone, telefax, Telex, AFS</i>	GHARDAIA AIRPORT Aéroport de GHARDAIA/Noumérat-Moufidi Zakaria BP 123/Ghardaia Tel: +213 29295555 TWR: +213 29295505 MBO: +213 29295563 ARO/ABO: +213 29295504 STD: +213 29295501 fax: +213 29295507 AFS: DAUGYDYD
7	<i>Type of traffic (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	NIL

DAUG AD 2.3 OPERATIONAL HOURS

1	<i>AD administration</i>	0700/1500 (SUN / THU).
2	<i>Customs and immigration</i>	H 24
3	<i>Health and sanitation</i>	On request.
4	<i>AIS briefing office</i>	H 24
5	<i>ATS Reporting office (ARO)</i>	H 24
6	<i>MET briefing office</i>	H 24
7	<i>ATS</i>	H 24
8	<i>Fueling</i>	H 24
9	<i>Handling</i>	05H00/ 21H00.
10	<i>Security</i>	H24
11	<i>De-icing</i>	NIL
12	<i>Remarks</i>	NIL

DAUG AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo handling facilities</i>	Available.
2	<i>Fuel and oil types</i>	JET A1- AVGAS 100.
3	<i>Fueling facilities and capacity</i>	JET A1 & AVGAS 100, 30m ³ /h.
4	<i>De-icing facilities</i>	NIL
5	<i>Hangar space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	NIL
7	<i>Remarks</i>	NIL

DAUG AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	In city.
2	<i>Restaurants</i>	In city.
3	<i>Transportation facilities</i>	Taxi – Bus.
4	<i>Medical facilities</i>	In city.
5	<i>Bank and post office</i>	In city.
6	<i>Tourist office</i>	In city.
7	<i>Remarks</i>	NIL

DAUG AD 2.6 RESCUE AND FIREFIGHTING SERVICES

1	<i>AD category for firefighting</i>	CAT 7.
2	<i>Rescue equipment</i>	Yes, CAT 7.
3	<i>Capability for removal of disabled aircraft</i>	NIL
4	<i>Remarks</i>	NIL

DAUG AD 2.7 SEASONNAL AVAILABILITY, CLEARING

1	<i>Type of clearing equipment</i>	Not applicable.
2	<i>Clearance priorities</i>	NIL
3	<i>Remarks</i>	NIL

DAUG AD 2.8 APRONS, TWY AND CHECK LOCATIONS

1	<i>Apron surface and strength</i>	Surface: Bituminous Concrete Strength: PCR 660/F/B/W/T		
2	<i>Taxiway width, surface and strength</i>	<table border="0"> <tr> <td>TWY: W 25 M Surface: Bituminous Concrete PCR :660/F/B/W/T</td> <td>TWY: E, B1, B2, B3 23 M Bituminous Concrete PCR:660/F/B/W/T</td> </tr> </table>	TWY: W 25 M Surface: Bituminous Concrete PCR :660/F/B/W/T	TWY: E, B1, B2, B3 23 M Bituminous Concrete PCR:660/F/B/W/T
TWY: W 25 M Surface: Bituminous Concrete PCR :660/F/B/W/T	TWY: E, B1, B2, B3 23 M Bituminous Concrete PCR:660/F/B/W/T			
3	<i>Altimeter checkpoint location and elevation</i>	<table border="0"> <tr> <td>THR 30 433 M</td> <td>THR 12 452 M</td> </tr> </table>	THR 30 433 M	THR 12 452 M
THR 30 433 M	THR 12 452 M			
4	<i>VOR checkpoints</i>	VOR: NIL		
5	<i>INS checkpoints</i>	INS: NIL		
6	<i>Remarks</i>	APRON P1 & P2: Blue lights		

DAUG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	<i>Use of aircraft stand ID signs, TWY guidelines and visual docking / parking guidance system of aircraft stands</i>	ID signs: YES TWY guidelines: YES Parking guidance system : NIL
2	<i>RWY and TWY LGT RWY and TWY markings</i>	RWY 12/30: RWY THR lights, RWY edge lights, RWY end lights, RWY turn pad lights (1). RWY 18/36: RWY THR lights, RWY edge lights, RWY end lights, RWY turn pad lights (2). RWY 12/30: RWY designation marking, RWY center line marking, RWY edge marking , THR marking, TDZ marking, constant distances marking, RWY 18/36: THR marking, RWY designation marking, RWY center line marking, TDZ marking, constant distances marking, RWY edge marking TWY edge lights: TW E, W, B1, B2 and B3. TWY W: TWY edge lights TWY center line marking, TWY edge marking, holding position marking.
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	(1) Two RWY turn pads: THR 12 and THR 30. (2) Two RWY turn pads: 1400 M from THR 36 and THR 18.

DAUG AD 2.10 AERODROME OBSTACLES

<i>Approach and take-off areas</i>					
<i>OBST ID / Designation</i>	<i>OBST type</i>	<i>OBST position</i>	<i>ELEV/HGT</i>	<i>Markings / Type, Color</i>	<i>Remarks</i>
a	b	c	d	e	f
DAUGOB001	Hill	5900M from THR30.	ALT 526 M	NIL	
DAUGOB002	Hill	3750 M fromTHR12.	ALT 448 M	NIL	
DAUGOB003	Hill	5850 M from THR12.	ALT 463 M	NIL	
DAUGOB004	Hill	322346.56N0034609.36E	ALT 521 M	NIL	
DAUGOB005	Hill	322349.14N0034557.72E	ALT 529 M	NIL	
DAUGOB006	DVOR/DME antenna	322335.76N0034640.44E	ALT 470 M	Marked and LGTD	
DAUGOB007	LLZ	322307.00N0034734.50E	ALT 449 M	Marked and LGTD	
DAUGOB008	Hill	QDR 186°-1500 M from THR36.	ALT 484 M	NIL	
DAUGOB009	Hill	QDR 193°-1550 M from THR36.	ALT 450 M	NIL	
DAUGOB010	Hill	QDR 171°-1700 M from THR36.	ALT 487 M	NIL	
DAUGOB011	Hill	322202.70N0034751.30E	ALT 477 M	NIL	
DAUGOB012	Antenna	322211.92N0034707.71E	HGT 40 M	Marked and LGTD	

<i>Circling area and at aerodrome</i>					
DAUGOB013	Minaret of mosque	322156N 0034852.03E	440/14 M	NIL	
DAUGOB014	Hill	339°-1016 M du THR36	ALT 516 M	NIL	
DAUGOB015	Hill	330°-2054 M du THR12	ALT 524 M	NIL	
DAUGOB016	Hill	034°-1281M du THR36	ALT 510 M	NIL	
DAUGOB017	Hill	322339.49N0034809.52E	ALT 504M	NIL	
DAUGOB018	Hill	322458.51N0034519.50E	ALT 520M	NIL	
DAUGOB019	Hill	322506.49N0034313.49E	ALT 561M	NIL	
DAUGOB020	Hill	322334.50N0034116.48E	ALT 586M	NIL	
DAUGOB021	Hill	322521.98N0034448.99E	ALT 508M	NIL	
DAUGOB022	Hill	322506.99N0034612.98E	ALT 543M	NIL	
DAUGOB023	Hill	322543.99N0034313.98E	ALT 569M	NIL	
DAUGOB024	Antenna	322642.02N0034203.15E	HGT 40 M	Marked and LGTD	
DAUGOB025	TWR	322247.4N 0034753.4E	HGT 14 M	Marked and LGTD	
DAUGOB026	New TWR	322242.15N 0034757.58E	HGT 54 M	NIL	
DAUGOB027	Pylon PRKG1 P1	322239.66N 003483.78E	444/18 M	Marked and LGTD	
DAUGOB028	Pylon PRKG1 P2	322240.56N 003482.22E	445/18 M	Marked and LGTD	
DAUGOB029	Pylon PRKG1 P3	322241.46N 003480.72E	447/18 M	Marked and LGTD	
DAUGOB030	Pylon PRKG1 P4	322242.18N 0034759.30E	447/18 M	Marked and LGTD	
DAUGOB031	Pylon PRKG2 P1	322242.18N 0034759.30E	445/18 M	Marked and LGTD	
DAUGOB032	Pylon PRKG2 P2	322248.24N 0034752.02E	454/18 M	Marked and LGTD	
DAUGOB033	Pylon PRKG2 P3	322249.44N 0034750.10E	454/18 M	Marked and LGTD	
DAUGOB034	Water tower	322312.29N0034641.35E	464/31.4 M	NIL	
DAUGOB035	Antenna 1	322213.80N 0034705.80E	447 M	NIL	
DAUGOB036	Antenna 2	322213.20N 0034708.50E	448 M	NIL	

DAUG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET office	METEO station of GHARDAIA.
2	Hours of service: MET Office outside hours:	H24
3	Office responsible for TAF preparation and periods of validity	H24 Forecast national center of DAR EL BEIDA.
4	Trend Forecast and Interval of issuance	Hourly observations and SPECIS.
5	Briefing/consultation provided	T, P
6	Flight documentation and Language(s) used	On request- Fr
7	Charts and other information available for briefing or consultation	On request.
8	Supplementary equipment available for providing Information on meteorological conditions	Automatic METEO station: THR 30: Wind sensor (HGT: 10M), visibilimeter (HGT:3M). THR 12: Wind sensor (HGT: 10M). THR 18: Wind sensor (HGT: 10M).
9	ATS units provided with meteorological information	TWR- AIS.
10	Remarks	NIL

DAUG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCR) And surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and Highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	183°	2400 x 45	PCR :520 F/B/W/T –	322418N 0034745 E	461/NIL
36	003°	2400 x 45	Bituminous Concrete	322300.10N 0034740.60E	452/NIL
12	122°	3100 x 60	PCR :660 F/B/W/T -	322302.81N 0034742.09E	452/NIL
30	302°	3100 x 60	Bituminous Concrete	322209.25N 0034922.32E	433/NIL
Slope of RWY-SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
NIL	NIL	NIL	2500 x 150	NIL	NIL
NIL	100 X 45	NIL	2500 x 150	NIL	NIL
NIL	100 X 60	NIL	3400 x 150	NIL	NIL
NIL	NIL	NIL	3400 x 150	NIL	NIL

DAUG AD 2.13 DECLARED DISTANCES

<i>RWY designator</i>	<i>TORA (m)</i>	<i>TODA (m)</i>	<i>ASDA (m)</i>	<i>LDA (m)</i>	<i>Remarks</i>
1	2	3	4	5	6
18	2400	2400	2400	2400	NIL
36	2400	2400	2500	2400	NIL
12	3100	3100	3200	3100	NIL
30	3100	3100	3100	3100	NIL

DAUG AD 2.14 APPROACH AND RUNWAY LIGHTING

<i>RWY Designator</i>	<i>APCH LGT Type LEN INTST</i>	<i>THR LGT Color WBAR</i>	<i>VASIS (MEHT) PAPI</i>	<i>TDZ, LGT LEN</i>	<i>RWY Center Line LGT Length, spacing, color, INTST</i>	<i>RWY edge LGT LEN, spacing, color, INTST</i>	<i>RWY end LGT color, WBAR</i>	<i>SWY LGT LEN (M), Color</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
12	Nil	Green	PAPI 3°	Nil	Nil	3100M, 30M, White, LIL/LIH	Red	Nil	Runway turn pad lights, blue
30	SIAL 420M	Green	PAPI 3°	Nil	Nil	3100M, 30M, White, LIL/LIH	Red	Nil	Runway turn pad lights, blue
18	Nil	Green	PAPI 3,01°	Nil	Nil	2400M, 30M, White, LIL/LIH	Red	Nil	Runway turn pad lights, blue
36	Nil	Green	Nil	Nil	Nil	2400M, 30M, White, LIL/LIH	Red	Nil	Nil

DAUG AD 2.15 OTHER LIGHTING AND SECONDARY POWER SUPPLY

1	<i>ABN/IBN location, characteristics, and hours of operation</i>	32°22'47"N 003°47'53"E Alternating green and white / ABN (1é/3sec). Operation on request.
2	<i>LDI location and lighting and Anemometer location and lighting</i>	WDI: located 100M right of the axis THR12.
3	<i>TWY edge and center line lights</i>	TWY edge LGT: Blue.
4	<i>Secondary power supply/switch-over time</i>	Two (02) power generators 400 KVA / 15 Seconds.
5	<i>Remarks</i>	NIL

DAUG AD 2.16 HELICOPTER LANDING AERA

1	<i>Coordinates TLOF or THR of FATO Geoid undulation</i>	NIL
2	<i>TLOF and/or FATO elevation (M/FT)</i>	NIL
3	<i>TLOF and FATO area dimensions, surface, strength, marking</i>	NIL
4	<i>True bearings of FATO</i>	NIL
5	<i>Declared distance available</i>	NIL
6	<i>APP and FATO lighting</i>	NIL
7	<i>Remarks</i>	NIL

DAUG AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	CTR GHARDAIA Circle of 10 NM radius centered on the DVOR/DME GHA
2	<i>Vertical limits</i>	900M /GND
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign and Language(s)</i>	GHARDAIA TWR/ Fr, En
5	<i>Transition altitude</i>	1380M
6	<i>Remarks</i>	NIL

DAUG AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service designation</i>	<i>Call sign</i>	<i>Channel</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5
TWR	GhardaiaTWR	118.9 Mhz -119.7Mhz(a)	H 24	NIL
VDF	Ghardaia GONIO	118.9 Mhz	H 24	NIL

DAUG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

<i>Type of aid, MAG VAR, Type of supported OPS (for VOR/ILS/MLS, give declination)</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Position of transmitting antenna coordinates</i>	<i>Elevation of DME Transmitting antenna</i>	<i>Remarks</i>
1	2	3	4	5	6	7
DVOR/DME (1°E 2017)	GHA	114.9 Mhz CH 96 X	H24	322335.83N 0034640.37E	482 M	NIL
NDB	GHA	340 Khz	H24	322229N 0034739E	NIL	NIL
LLZ 30/ILS CAT I (1°E 2017)	GH	109.5 Mhz	H24	322304.94N 0034733.15E	NIL	NIL
GP	NIL	332.6 Mhz	H24	322209.90N 0034910.00E	NIL	NIL
DME	GH	CH 32 X	H24	322209.90 N0034910.00E	NIL	NIL

DAUG AD 2.20 LOCAL AERODROME REGULATIONS:

NIL

DAUG AD 2.21 NOISE ABATEMENT PROCEDURES:

NIL

DAUG AD 2.22 FLIGHTS PROCEDURES:

- Mandatory of VFR routing and reporting points within the CTR.
- Ground traffic not permitted outside maneuvering areas.

DAUG AD 2.23 ADDITIONAL INFORMATION:

- Presence of dogs in the aerodrome.

DAUG AD 2.24 CHARTS RELATED TO AN AERODROME:

AD- ICAO	AD 2 DAUG- AD
AOC - ICAO RWY 12	AD 2 DAUG- AOC 1
AOC - ICAO RWY 30	AD 2 DAUG- AOC 2
IAC - ICAO DVOR RWY 30 CAT A/B/C/D	AD 2 DAUG- IAC 1
IAC - ICAO NDB RWY 36 CAT A/B/C	AD 2 DAUG- IAC 2
IAC - ICAO ILS RWY 30 CAT A/B/C/D	AD 2 DAUG- IAC 3
VAC - ICAO	AD 2 DAUG- VAC1