

Airframe

AIRCRAFT TECHNICAL DATA

- 1. OWNER : CAA (Compagnie Africaine d'Aviation)
- 2. AIRCRAFT TYPE : A320-214
- 3. YEAR OF MANUFACTURE : Juin 2009
- 4. REGISTRATION : LY-BHN
- 5. MANUFACTURER SERIAL NUMBER : 03915
- 6. FUSELAGE SERIAL NUMBER : -
- 7. A/C MAIN BASE : KINSHASA
- 8. NOISE COMPLIANCE : -
- 9. VALIDITY OF DOCUMENTS : - CDN:
- LSR:
- 10. INSURANCE : -
- 11. OPERATING WEIGHT

ITEM	VALUE
MAXI TAXI WEIGHT	77 400 Kg
MAXI TAKE - OFF WEIGHT (MTOW)	77 000 Kg
MAXI LANDING WEIGHT (MLW)	64 500 Kg
MAXI ZERO FUEL WEIGHT (MZFW)	61 000 Kg
OPERATING EMPTY WEIGHT	41 427,5 Kg
PAYLOAD	19 572,5 Kg
FUEL CAPACITY	

- 12. CONFIGURATION : FULL PAX (156 Y)

ITEM	VALUE
GALLEY	2
TOILET	3

- 13.

A) AIRCRAFT LAST WEIGHT AND BALANCE REPORT	: 18-Jul-2021
B) AIRCRAFT NEXT WEIGHT AND BALANCE REPORT	: 18-Jul-2025

- 14. AIRFRAME AS OF: 17-Sep-2021

ITEM	VALUE
TOTAL TIME	38 779,72 FHRS
TOTAL CYCLE	26 234 CYC
TIME SINCE "C" CHECK	19,45 FH 5 FC 50 DAY
LAST "C" CHECK CARRIED PROGRAM	29-Jul-2021

Airframe

15. MAINTENANCE PROGRAM AS OF: 17-Sep-2021

A. SYSTEMS AND POWER PLANT MAINTENANCE PROGRAM

ITEM	INTERVAL CHECK
EQUIVALENT "A" CHECK	750,00 FHI 750 CYC 4 Mo
EQUIVALENT "C" CHECK	12 000,00 FHI 7 500 CYC 36 Mo

ITEM	LAST ACCOMPLISHMENT	NEXT DUE	REMAINING
EQUIVALENT "A" CHECK	Date : 12-Jun-2021	Date : 12-Oct-2021	Days : 25,00
	FHRS: 39 853,08	FHRS: 40 603,08	FHRS: 1 823,36
	CYC: 26 813	CYC: 27 563	CYC: 1 329
EQUIVALENT "C" CHECK	Date : 19-Apr-2021	Date : 19-Apr-2024	Days : 945,00
	FHRS: 39 837,53	FHRS: 51 837,53	FHRS: 13 057,81
	CYC: 26 407	CYC: 33 907	CYC: 7 673

B. STRUCTURAL MAINTENANCE PROGRAM

ITEM	INTERVAL CHECK
"6 YEARS" CHECK	72 MONTHS / 2191 Days
"12 YEARS" CHECK	144 MONTHS / 4383 Days

ITEM	LAST ACCOMPLISHMENT	NEXT DUE	REMAINING
"6 YEARS" CHECK	Date : 19-Apr-2021	Date : 19-Apr-2027	Days : 2 040,00
	FHRS: 39 837,53		
	CYC: 26 407		
"12 YEARS" CHECK	Date : 19-Apr-2021	Date : 19-Apr-2033	Days : 4 232,00
	FHRS: 39 837,53		
	CYC: 26 407		

16. ENGINES

THRUST RATING

A. ENGINES AS OF: 17-Sep-2021

ITEM TYPE	ENGINE #1 CFM56-5B4/3	ENGINE #2 CFM56-5B4/3
SERIAL NUMBER	849341	849342
TOTAL TIME	19,45	19,45
TOTAL CYCLE	5	5
DATE OF OVH	N/A	N/A
TIME SINCE OVH	N/A	N/A
CYCLE SINCE OVH	N/A	N/A
DATE OF LSV	N/A	N/A
TIME SINCE LSV	N/A	N/A
CYCLE SINCE LSV	N/A	N/A
FIRST LIMITER (in FC)	N/A	N/A

B. ENGINE MAINTENANCE PROGRAM AS OF: 17-Sep-2021

ITEM	INTERVAL
ECTM	DAILY
DISKS LIFE LIMIT (LIMITER)	25 000 CYC / 20 000 CYC / 30 000 CYC
BORESCOPE	1 600 CYC / 1095 DAYS
HSI	O/C

ITEM	LAST ACCOMPLISHMENT		NEXT DUE		REMAINING	
	ENGINE #1	ENGINE #2	ENGINE #1	ENGINE #2	ENGINE #1	ENGINE #2
BORESCOPE						
TOTAL CYCLES						

17. APU AS OF: 17-Sep-2021

ITEM	VALUE
TYPE	131-9A
PART NUMBER	3800708-1
SERIAL NUMBER	P-4231
MANUFACTURER	HONEYWELL
TIME SINCE NEW (TSN)	19 233 AH
CYCLE SINCE NEW (CSN)	25 110 AC
DATE OF OVH	19-Sep-2019
TIME SINCE OVH	0 AH
CYCLE SINCE OVH	0 AC
DATE OF LSV	19-Oct-2012
TIME SINCE LSV	67 AH
CYCLE SINCE LSV	54 AC
FIRST LIMITER (in FC)	0 AC

18. LANDING GEAR AS OF: 17-Sep-2021

ITEM	NOSE LANDING GEAR	LEFT MAIN LANDING GEAR	RIGHT MAIN LANDING GEAR
P/N	D23757550-7	201582001-040	201582002-040
S/N	B3421	MDG5341	MDG5342
TSN	38084,98 FH	38084,98 FH	38084,98 FH
CSN	25 782 CYC	25 782 CYC	25 782 CYC
OVH DATE	30-Jan-2017	30-Jan-2017	30-Jan-2017
INTERVAL	3 652 DAYS	3 652 DAYS	3 652 DAYS
	20 000 CYC	20 000 CYC	20 000 CYC
TSO/DSO/CSO	1 691 DAYS	1 691 DAYS	1 691 DAYS
	19,98 FH	19,98 FH	19,98 FH
	5 CYC	5 CYC	5 CYC
REMAINING	1 961 DAYS	1 961 DAYS	1 961 DAYS
	19 995 CYC	19 995 CYC	19 995 CYC

19. AIRCRAFT PERFORMANCE

ITEM	VALUE
FUEL CONSUMPTION	3 000 Kg/ h
MAXIMUM SPEED	480 Kts
CRUISING SPEED	420 Kts
REAL CIELING ALL ENGINES OPERATIVE	FL 390
REAL CIELING ONE ENGINE OPERATIVE	FL 320
DISTANCE NECESSARY FOR THE TAKEOFF	1 500 m
DISTANCE NECESSARY FOR THE LANDING	1 500 m
HEIGHT OF CRUISE (MAX FLIGHT LEVEL)	FL 390
RATE OF CLIMB	350 Ft / min


20. AVIONICS EQUIPMENT

ATA	DESCRIPTION	P/N	SN
ATA 22 . AUTO FLIGHT			
22	FMGC-FLIGHT MANAGEMENT AND GUIDANCE COMP	C13043AA06	C13043033036
22	FMGC-FLIGHT MANAGEMENT AND GUIDANCE COMP	C13043AA06	C13043032963
22	FLIGHT AUGMENTATION COMPUTER	B397BAM0624	Q00140012177
22	FLIGHT AUGMENTATION COMPUTER	B397BAM0624	Q00140012787
22	FCU-FLIGHT CONTROL UNIT	C12850AC03	C12850010190
22	MCDU-MULTIPURPOSE CONTROL AND DISPLAY UNIT	C19266DA01	C19266005386
22	MCDU-MULTIPURPOSE CONTROL AND DISPLAY UNIT	C19266EA01	C19266010614

20. AVIONICS INSTALLATION (CON'D)

ATA	DESCRIPTION	P/N	SN
ATA 23_ COMMUNICATIONS			
23	DIRECTOR-CIDS	Z014H000231B	014H00003379
23	DIRECTOR-CIDS	Z014H000231B	014H00003764
23	OBRM-ONBOARD REPLACEABLE MODULE	Z064H000032B	064H00002126
23	FAP-FLIGHT ATTENDANT PANEL	Z133H031151A	133H03002754
23	TRANSCEIVER-VHF	822-1250-020	17DP47
23	TRANSCEIVER-VHF	822-1250-020	17DP41
23	TRANSCEIVER-VHF	822-1250-020	17X2R9
23	RMP-RADIO MANAGEMENT PANEL	C12848CA01	C12848048500
23	RMP-RADIO MANAGEMENT PANEL	C12848CB01	C12848059403
23	CVR-COCKPIT VOICE RECORDER	980-6022-001	CVR120-12878
23	AMU-AUDIO MANAGEMENT UNIT	AMU4031SA140204	4031-3053
23	TRANSCEIVER-HF	822-0990-003	4L173C
ATA 24_ ELECTRICAL POWER			
24	GCU-GENERATOR CONTROL UNIT	767584K	AAAY007308
24	GCU-GENERATOR CONTROL UNIT	767584K	AAAY007333
ATA 25_ EQUIPMENT/FURNISHING			
25	ELT-EMERGENCY LOCATOR TRANSMITTER	S1823502-03	LX1100030154
25	DONGLE-PROGRAMMING	S1820514-01	2620791-0196
25	ELT-EMERGENCY LOCATOR TRANSMITTER	S1821502-02	RX1000025794
ATA 27_ FLIGHT CONTROLS			
27	SEC-SPOILER ELEVATOR COMPUTER	B372BAM0515	Q00136015563
27	SEC-SPOILER ELEVATOR COMPUTER	B372BAM0515	Q00136016640
27	SEC-SPOILER ELEVATOR COMPUTER	B372BAM0515	Q00136016594
27	SFCC-SLAT AND FLAP CONTROL COMPUTER	49-170-11	49-170BA08939
27	SFCC-SLAT AND FLAP CONTROL COMPUTER	49-170-11	49-170BA08940
27	ELAC-ELEVATOR AILERON COMPUTER	3945128218	ELACVB019209
27	ELAC-ELEVATOR AILERON COMPUTER	3945128218	ELACVB017530
27	FCDC-FLIGHT CONTROL DATA CONCENTRATOR	115370-1521	18961
27	FCDC-FLIGHT CONTROL DATA CONCENTRATOR	115370-1519	8690
ATA 28_ FUEL			
28	COMPUTER-FUEL QUANTITY INDICATING SYSTEM	SIC5059-14-31	AS4104
ATA 30_ ICE AND RAIN PROTECTION			
30	WHC-WINDOW HEAT COMPUTER	416-00318-003	4160031804108
30	WHC-WINDOW HEAT COMPUTER	416-00318-003	4160031804088
30	PHC-PROBE HEAT COMPUTER	47215920BB00	472159206652
30	PHC-PROBE HEAT COMPUTER	47215920BB00	472159206654
30	PHC-PROBE HEAT COMPUTER	47215920BB00	472159214256
ATA 31_ INDICATING/RECORDING SYSTEMS			
31	SSFDR-SOLID STATE FLIGHT DATA RECORDER	980-4700-042	SSFDR-17048
31	DLRB-DATA LOADING ROUTING BOX	DLRBA000	5110
31	FDIMU-FLIGHT DATA INTERFACE MANAGEMENT UNIT	2234320-01-01	QA03409
31	MDDU-MULTIPURPOSE DISK DRIVE UNIT	AC68A200	4683
31	CFDIU-CENTRALIZED FAULT DISPLAY INTERFACE UNIT	C12860AA02	C12860005171
31	DMC-DISPLAY MANAGEMENT COMPUTER	1982660116	198266008741
31	DMC-DISPLAY MANAGEMENT COMPUTER	1982660116	198266012430
31	DMC-DISPLAY MANAGEMENT COMPUTER	1982660116	198266023076
31	SDAC-SYSTEM DATA ACQUISITION CONCENTRATOR	350E5500206	0E5011754
31	SDAC-SYSTEM DATA ACQUISITION CONCENTRATOR	350E5500206	0E5016660
31	FWC-FLIGHT WARNING COMPUTER	350E053021818	0E0020148
31	FWC-FLIGHT WARNING COMPUTER	350E053021818	0E0017330
31	CLOCK	APE5100-1	4123
31	DU-DISPLAY UNIT	C19298AF05	C19298028566
31	DU-DISPLAY UNIT	C19298AF05	C19298014016
31	DU-DISPLAY UNIT	C19298AF05	C19298014011
31	DU-DISPLAY UNIT	C19755BA01	C19755003744
31	PRINTER-MULTI USE	8055515-4501	PTA45B-13621
31	DU-DISPLAY UNIT	C19298AF05	C19298014021
31	DU-DISPLAY UNIT	C19298AF05	C19298023639
31	ECP-ECAM CONTROL PANEL	35-0L0-1003-06	0L0008589

ATA 32_LANDING GEAR			
32	LGCIU - CONTROL-INTERFACE UNIT, LANDING GEAR	664700500A4D	001LG13590
32	LGCIU - CONTROL-INTERFACE UNIT, LANDING GEAR	664700500A4D	001LG12184
32	BSCU-BRAKING AND STEERING CONTROL UNIT	E21327106	7995
ATA 34_NAVIGATION			
34	COMPUTER-T2CAS	9000000-11414	22001148
34	ADIRU-AIR DATA AND INERTIAL REFERENCE UNIT	HG2030AE23	56022081
34	ADIRU-AIR DATA AND INERTIAL REFERENCE UNIT	HG2030AE23	56069725
34	ADIRU-AIR DATA AND INERTIAL REFERENCE UNIT	HG2030AE23	56036020
34	TRANSPONDER-ATC	7517800-12402	XSE08776
34	TRANSPONDER-ATC	7517800-12402	XSE08781
34	TRANSCEIVER-WEATHER RADAR	822-1710-203	1780G4
34	INDICATOR-ISIS	C16221VA01	C16221019027
34	RECEIVER-ADF	822-0299-020	165790
34	RADIO ALTIMETER TRANSRECIIVER	9599-607-14943	14943-13700
34	RADIO ALTIMETER TRANSRECIIVER	9599-607-14943	14943-13701
34	INTERROGATOR-DME	822-0329-020	179V4G
34	INTERROGATOR-DME	822-0329-020	179V4T
34	ANGLE OF ATTACK SENSOR	C16291AB	Q06747025496
34	ANGLE OF ATTACK SENSOR	C16291AB	Q06747027176
34	ANGLE OF ATTACK SENSOR	0861ED	0861ED-3678
34	RECEIVER-VOR,MKR	822-0297-020	166002
34	RECEIVER-VOR,MKR	822-0297-020	187269
34	MMR-MULTI MODE RECEIVER	822-1152-122	17DR9P
34	MMR-MULTI MODE RECEIVER	822-1152-122	17DNL3
34	PROBE-PITOT	0851MC	412987
34	PRO	0851MC	412916
34	PROBE-PITOT	0851MC	381226
ATA 36_PNEUMATICS			
36	BMC-BLEED MONITORING COMPUTER	785002-9	785002IN9658
36	BMC-BLEED MONITORING COMPUTER	733901-1-2	733901IN02912
ATA 46_INFORMATIONS SYSTEM			
46	ATSU-AIR TRAFFIC SERVICES UNIT	LA210G21006CA10	2T0009671
ATA 73_ENGINE FUEL AND CONTROL			
73	EIU-ENGINE INTERFACE UNIT	3957985114	Q05720007850
73	EIU-ENGINE INTERFACE UNIT	3957985114	Q05720015220

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