

**AC9319290224****Maintenance File****IUH**

Work Order #

Customer:

Date Open:

29-Feb-2024

Aircraft:



Engine:



Piece Part:

**Aircraft**

S/N:	9319	Make:	Airbus	Total Time:	7432.9
Reg #:	N191LL	Model:	BK117C2	Landings:	21594

Engine

#1 S/N:	18860	TT:	5024.8	Ng Cycles:	7782.40	Np Cycles:	11478.7
#2 S/N:	47600	TT:	4038.1	Ng Cycles:	10053.38	Np Cycles:	14221.2

Module / Piece Part

P/N:	TT:	TSI:
S/N:	TSO:	TC:

No.	Description of Maintenance Requested
1	PRELIMINARY INSPECTION
2	Aircraft 3 year Weight and Balance
3	Pilot reports feedback in yaw pedals during take off
4	Tail Boom vertical fin cowling requires removal to facilitate other maintenance
5	Tail boom fairing's require removal to facilitate other maintenance
6	Left and right hand Transmission cowlings require removal to facilitate other maintenance
7	Left and Right hand aft engine upper and lower cowlings require removal to facilitate other maintenance
8	#2 Hydraulic pump requires removal to facilitate other maintenance
9	Fwd Belly Panel requires removal to facilitate other maintenance
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18	

Work Order Final Review

Weight and Balance

Yes ☐No ☒

Form 337 (s)

Qty. N/AYes ☐No ☒Date Closed 06 Mar 2024
29 Feb 2024 LM

Customer **IUH**
S/N **9319**
Reg # / Job **N191LL**

Metro Aviation, Inc.
Discrepancy Worksheet

Airframe TT **7432.9**
W/O# **AC9319290224**
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Item	Discrepancy	Mech.	Insp.
		Date	Date
1	Discrepancy PRELIMINARY INSPECTION	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 29-Feb-2024 S/N <u>N/A</u>
Corrective Action Performed Preliminary inspection IAW MAI BK117C2 AAIP Rev 1 dated 29 Aug 2022.		<u>AMW</u>	
(List all parts used on form 130 with S/N's necessary)		29-Feb-2024	
2	Discrepancy Aircraft 3 year Weight and Balance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Performed Aircraft 3 Year Weight and Balance IAW Airbus BK117C2 AMM 08-10-00, 2-1. Next due <u>28 Feb 2027</u>		<u>CAM</u>	
(List all parts used on form 130 with S/N's necessary)		29 Feb 2024	
3	Discrepancy Pilot reports feedback in yaw pedals during take off	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Found Yaw brake requires adjustment, Adjusted yaw brake IAW Airbus BK117C2 Amm 67-20-00, 5-2 F.1(a-d) (D-1)		<u>AMW</u>	<u>CAM</u>
(List all parts used on form 130 with S/N's necessary)		29 Feb 2024	29 Feb 2024
4	Discrepancy Tail Boom vertical fin cowling requires removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed tail boom vertical fin cowling IAW Airbus BK117C2 AMM 53-52-00, 4-1		<u>CAM</u>	<u>AMW</u>
(List all parts used on form 130 with S/N's necessary)		29 Feb 2024	29 Feb 2024
5	Discrepancy Tail boom fairing's require removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed tail boom fairing's IAW Airbus BK117C2 AMM 53-51-00, 4-1		<u>CAM</u>	<u>AMW</u>
(List all parts used on form 130 with S/N's necessary)		29 Feb 2024	29 Feb 2024
6	Discrepancy Left and right hand Transmission cowlings require removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed left and right hand transmission cowlings IAW Airbus BK117C2 AMM 71-11-00, 4-3		<u>KEW</u>	<u>MGE</u>
(List all parts used on form 130 with S/N's necessary)		29 Feb 2024	29 Feb 2024

All items shall include removal, inspection, and installation reference as applicable

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Item	Discrepancy	Mech.	Insp.
		Date	Date
7	Discrepancy Left and Right hand aft engine upper and lower cowlings require removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed Left and Right hand aft engine upper and lower cowlings IAW Airbus BK117C2 AMM 71-11-00, 4-5		<u>AM</u> <u>29 FEB 2024</u>	<u>ESP</u> <u>29 FEB 2024</u>
(List all parts used on form 130 with S/N's necessary)			
8	Discrepancy #2 Hydraulic pump requires removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed #2 hydraulic pump IAW Airbus BK117C2 AMM 29-11-00, 4-1		<u>KEL</u> <u>29 Feb 2024</u>	<u>MJE</u> <u>29 Feb 2024</u>
(List all parts used on form 130 with S/N's necessary)			
9	Discrepancy Fwd Belly Panel requires removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 28-Feb-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed fwd belly panel IAW Airbus BK117C2 AMM 52-40-00, 4-2		<u>ESP</u> <u>29 FEB 2024</u>	<u>MJE</u> <u>29 Feb 2024</u>
(List all parts used on form 130 with S/N's necessary)			
10	Discrepancy MAI Company Memo 24MM-02 due for compliance	Mech. <u>AM</u> Removed P/N <u>N/A</u>	Date <u>29 FEB 2024</u> S/N <u>MA</u>
Corrective Action Complied with MAI Company Memo 24MM-02 visual inspection of the air conditioner condenser box aft gusset to tail cone attach points and surrounding area for cracks IAW 24MM-02 "Action required" section. No defects noted. No further action required.		<u>AM</u> <u>29 FEB 2024</u>	<u>AH</u> <u>24 Feb 2024</u>
(List all parts used on form 130 with S/N's necessary)			
11	Discrepancy 6Mx 200 "e" charts due for update	Mech. <u>AM</u> Removed P/N <u>N/A</u>	Date <u>29 FEB 2024</u> S/N <u>N/A</u>
Corrective Action Updated and verified Electronic charts on the 6Mx 200. Data expires 14 MAR 2024		<u>AM</u> <u>29 MAR 2024</u>	
(List all parts used on form 130 with S/N's necessary)			
12	Discrepancy Pilot reports feedback in yaw pedals during take off	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date <u>29 Feb 2024</u> S/N <u>N/A</u>
Corrective Action Adjusted yaw Sema angle and verified Cowlings clearance IAW Airbus BK117C2 AMM 67-20-00, 4-8 F.3 (b and t)		<u>CAM</u> <u>29 Feb 2024</u>	<u>AM</u> <u>29 FEB 2024</u>
(List all parts used on form 130 with S/N's necessary)			

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Item	Discrepancy	Mech.	Insp.
		Date	Date
13	Discrepancy Verify yaw flex ball cable friction. Removed P/N <u>N/A</u>	Mech. <u>CAM</u> Date <u>29 Feb 2024</u> S/N <u>N/A</u>	
Corrective Action Verified yaw flex ball cable friction is under 1.13 lbs IAW Airbus BK117C2 AMM 67-00-00, 1-1 F.1		<u>CAM</u> <u>29 Feb 2024</u>	<u>AMW</u> <u>29 Feb 2024</u>
(List all parts used on form 130 with S/N's necessary)			
14	Discrepancy Tail vertical cowling requires removal to facilitate other maintenance. Removed P/N <u>N/A</u>	Mech. <u>CAM</u> Date <u>29 Feb 2024</u> S/N <u>N/A</u>	
Corrective Action Installed same as removed Tail Vertical Cowling IAW Airbus BK117C2 AMM 53-52-00, 4-1		<u>CAM</u> <u>29 Feb 2024</u>	<u>AMW</u> <u>29 Feb 2024</u>
(List all parts used on form 130 with S/N's necessary)			
15	Discrepancy Fwd Belly Panel requires removal to facilitate other maintenance. Removed P/N <u>N/A</u>	Mech. <u>CAM</u> Date <u>29 Feb 2024</u> S/N <u>N/A</u>	
Corrective Action Installed same as removed fwd Belly Panel IAW Airbus BK117C2 AMM 52-40-00, 4-2		<u>CAM</u> <u>01 Mar 2024</u>	<u>AMW</u> <u>01 Mar 2024</u>
(List all parts used on form 130 with S/N's necessary)			
16	Discrepancy Tail Flex ball cable requires to be disconnected at both ends to facilitate other maintenance. Removed P/N <u>N/A</u>	Mech. <u>CAM</u> Date <u>29 Feb 2024</u> S/N <u>N/A</u>	
Corrective Action Connected both ends of tail Flex ball cable IAW Airbus BK117C2 AMM 67-20-00, 4-7 F.2a,b, F.4 (e-8) F.4 (d-13-15)		<u>CAM</u> <u>29 Feb 2024</u>	<u>AMW</u> <u>29 Feb 2024</u>
(List all parts used on form 130 with S/N's necessary)			
17	Discrepancy Pilot seat requires removal to facilitate other maintenance. Removed P/N <u>N/A</u>	Mech. <u>CAM</u> Date <u>29 Feb 2024</u> S/N <u>N/A</u>	
Corrective Action Installed same as removed Pilot seat IAW Airbus BK117C2 AMM 25-11-00, 4-1		<u>CAM</u> <u>29 Feb 2024</u>	<u>AMW</u> <u>29 Feb 2024</u>
(List all parts used on form 130 with S/N's necessary)			
18	Discrepancy Pilot reports feed back in yaw pedals during take off. Removed P/N <u>78CF10009</u>	Mech. <u>CAM</u> Date <u>01 Mar 2024</u> S/N <u>N/A</u>	
Corrective Action Removed Tail Rotor Flex ball cable PIN 78CF10009 and installed new serviceable Tail Rotor Flex ball cable PIN 78CF10009 IAW Airbus BK117C2 AMM 67-20-00, 4-7		<u>MJE</u> <u>4 Mar 2024</u>	<u>CAM</u> <u>07 Mar 2024</u>
(List all parts used on form 130 with S/N's necessary)			

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Item	Discrepancy	Mech.	Insp.
		Date	Date
19	Discrepancy Tail Vertical Cowling requires removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 01-Mar-2024 S/N <u>N/A</u>
Corrective Action Insatalled same as removed tail vertical cowling IAW Airbus BK117C2 AMM 53-52-00, 4-1		<u>AW</u> 4 MAR 2024	<u>AA</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			
20	Discrepancy Fwd Belly Panel requires removal to facilitate other maintenance.	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 01-Mar-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed fwd belly panel IAW Airbus BK117C2 AMM 52-40-00, 4-2		<u>AW</u> 04 MAR 2024	<u>CAM</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			
21	Discrepancy Tail Flex ball cable requires to be disconnected at both ends to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 01-Mar-2024 S/N <u>N/A</u>
Corrective Action Connected both ends of flex ball cable IAW Airbus BK117C2 AMM 67-20-00, 4-7 F.2 a/b & F.5 (d-13 /15)		<u>AW</u> 04 MAR 2024	<u>CAM</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			
22	Discrepancy Pilot seat requires removal to facilitate other maintenance.	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 01-Mar-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed Pilot seat IAW Airbus BK117C2 AMM 25-11-00, 4-1		<u>AW</u> 04 MAR 2024	<u>CAM</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			
23	Discrepancy L/H Main transmission cowling requires removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 01-Mar-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed L/H Main transmission cowling IAW Airbus BK117C2 AMM BK117C2 AMM 71-11-00, 4-5		<u>KELW</u> 4 MAR 2024	<u>AA</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			
24	Discrepancy #2 Hydraulic pump requires removal to facilitate other maintenance	Mech. <u>CAM</u> Removed P/N <u>N/A</u>	Date 01-Mar-2024 S/N <u>N/A</u>
Corrective Action Installed same as removed #2 hydraulic pump IAW Airbus BK117C2 AMM 29-11-00, 4-1		<u>KELW</u> 4 MAR 2024	<u>AW</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			

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Item	Discrepancy	Mech.	Insp.
		Date	Date
25	Discrepancy Tail Rotor flight controls require rigging verification Removed P/N	Mech. <u>CAM</u> N/A	Date 01-Mar-2024 N/A
Corrective Action Performed Tail Rotor Flight control rigging verification IAW Airbus BK117C2 AMM 67-00-00, 5-3		<u>KEW</u> 4 MAR 2024	<u>CAM</u> 07 mar 2024
(List all parts used on form 130 with S/N's necessary)			
26	Discrepancy Left and Right hand aft engine upper and lower cowlings require removal to facilitate other maintenance Removed P/N	Mech. <u>CAM</u> N/A	Date 01-Mar-2024 N/A
Corrective Action Installed same as removed Left and Right hand aft engine upper and lower cowlings IAW Airbus BK117C2 AMM 71-11-00, 4-5		<u>AH</u> 04 Mar 2024	<u>AMW</u> 04 mar 2024
(List all parts used on form 130 with S/N's necessary)			
27	Discrepancy Aircraft center and R/H interior panels require removal to facilitate other maintenance Removed P/N	Mech. <u>CAM</u> N/A	Date 01-Mar-2024 N/A
Corrective Action Installed same as removed Aircraft center and R/H interior panels IAW Airbus BK117C2 AMM 25-20-00, 4-1 & 4-2		<u>AMW</u> 04 MAR 2024	<u>CAM</u> 07 mar 2024
(List all parts used on form 130 with S/N's necessary)			
28	Discrepancy Metro Interior medical floor requires removal to facilitate other maintenance Removed P/N	Mech. <u>CAM</u> N/A	Date 01-Mar-2024 N/A
Corrective Action Installed same as removed Metro Interior medical floor IAW Metro Aviation Drawing 145M-250 Rev C 24 Apr 2015		<u>AH</u> 04 Mar 2024	<u>CAM</u> 07 mar 2024
(List all parts used on form 130 with S/N's necessary)			
29	Discrepancy R/H floor access covers require removal to facilitate other maintenance Removed P/N	Mech. <u>CAM</u> N/A	Date 01-Mar-2024 N/A
Corrective Action Installed same as removed R/H Floor access covers IAW Airbus BK117C2 AMM 53-32-00, E-7 & G.3		<u>AH</u> 04 Mar 2024	<u>AMW</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			
30	Discrepancy Tail boom fairing's require removal to facilitate other maintenance Removed P/N	Mech. <u>CAM</u> N/A	Date 01-Mar-2024 N/A
Corrective Action Installed same as removed tail boom fairing's IAW Airbus BK117C2 AMM 53-51-00, 4-1		<u>AH</u> 04 Mar 2024	<u>AMW</u> 04 MAR 2024
(List all parts used on form 130 with S/N's necessary)			

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Item	Discrepancy	Mech.	Insp.
		Date	Date
31	Discrepancy T/R flexball mounting clamps (Qty: 2) are worn/ rubber is torn.	Mech. <u>ESP</u>	Date <u>04 MAR 2024</u>
	Removed P/N <u>LN9490BK10</u>	S/N <u>N/A</u>	
Corrective Action	Removed (Qty: 2) T/R flexball mounting clamps p/n: LN9490BK10 from flexball cable at tailcone and battery mount location. Installed (Qty: 2) new serviceable T/R flexball mounting clamps p/n: LN9490BK10 IAW Airbus BK117C2 AMM 67-20-00, 4-7 (F2)(C)(3)(4)(P)(C)(2)(3)(4)(D). No defects noted.	<u>ESP</u>	<u>CAM</u>
	(List all parts used on form 130 with S/N's necessary)	<u>04 MAR 2024</u>	<u>04 MAR 2024</u>
32	Discrepancy Pilot reports same issue feedback in the pedals Aircraft is not holding headings.	Mech. <u>CAM</u>	Date <u>04 MAR 2024</u>
	Removed P/N <u>418-00876-400</u>	S/N <u>M65489</u>	
Corrective Action	Removed YAW SEMA P/N: 418-00876-400 S/N: M65489 and installed repaired serviceable YAW SEMA P/N: 418-00876-400 S/N: 702052 IAW Airbus BK117C2 AMM 67-20-00, 14-14	<u>AMM</u>	<u>MJE</u>
	(List all parts used on form 130 with S/N's necessary)	<u>05 MAR 2024</u>	<u>05 MAR 2024</u>
33	Discrepancy #1 LH XSMN coiling bonding strap p/n: MBBN3318-4-55-160 removed in serviceable condition for use on AC 9353.	Mech. <u>ESP</u>	Date <u>04 MAR 2024</u>
	Removed P/N <u>MBBN3318-4-55-160</u>	S/N <u>N/A</u>	
Corrective Action	Installed locally manufactured ground strap and installed it IAW Airbus BK117C2 AMM 71-11-00, 4-12 and MK 20-60-20-104.	<u>ALL</u>	<u>AMM</u>
	(List all parts used on form 130 with S/N's necessary)	<u>05 MAR 2024</u>	<u>05 MAR 2024</u>
34	Discrepancy Tail Vertical Fin Requires removal to facilitate other maintenance.	Mech. <u>CAM</u>	Date <u>05 MAR 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Installed same as removed FW Tail Vertical Fin IAW Airbus BK117C2 AMM 53-52-00, 4-1	<u>AMM</u>	<u>05 MAR 2024</u>
	(List all parts used on form 130 with S/N's necessary)	<u>05 MAR 2024</u>	<u>05 MAR 2024</u>
35	Discrepancy #2 Hydraulic pump requires removal to facilitate other maintenance.	Mech. <u>CAM</u>	Date <u>05 MAR 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Installed same as removed #2 hydraulic pump IAW Airbus BK117C2 AMM 29-11-00, 4-1	<u>KEL</u>	<u>AMM</u>
	(List all parts used on form 130 with S/N's necessary)	<u>5 MAR 2024</u>	<u>05 MAR 2024</u>
36	Discrepancy Fwd Lower Belly panel requires removal to facilitate other maintenance.	Mech. <u>CAM</u>	Date <u>05 MAR 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Installed same as removed fwd lower belly panel IAW Airbus BK117C2 AMM 52-40-00, 4-2	<u>ALL</u>	<u>AMM</u>
	(List all parts used on form 130 with S/N's necessary)	<u>05 MAR 2024</u>	<u>05 MAR 2024</u>

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Item	Discrepancy	Mech.	Insp.
		Date	Date
37	Discrepancy L/H Transmission Cowling requires removal to facilitate other maintenance	Mech. <u>CAM</u>	Date <u>05 Mar 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Installed same as removed L/H Transmission Cowling IAW Airbus BK117C2 AMM 71-11-00, 4-5	KEU	AM
	(List all parts used on form 130 with S/N's necessary)	5 MAR 2024	05 MAR 2024
38	Discrepancy Tail Rotor Flight Controls require rigging verification	Mech. <u>CAM</u>	Date <u>05 Mar 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Performed Tail Rotor Flight Control rigging verification IAW Airbus BK117C2 AMM 67-00-00, 5-3	AMW	AGE
	(List all parts used on form 130 with S/N's necessary)	05 MAR 2024	05 MAR 2024
39	Discrepancy Humidifier mount placard worn.	Mech. <u>AMW</u>	Date <u>05 MAR 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Removed humidifier mount placard PN: MAI145HUMIDIFIERASSY29 and installed new serviceable Placard with same PN as removed IAW Metro Aviation drawing MAI-145-humidifier-install, Rev B, dated 29 Aug 2023.	AMW	CAM
	(List all parts used on form 130 with S/N's necessary)	05 MAR 2024	05 MAR 2024
40	Discrepancy MGB oil level is high.	Mech. <u>CAM</u>	Date <u>05 Mar 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Adjusted MGB oil level to proper level IAW Airbus BK117C2 AMM 12-10-00, 3-5	CAM	AL
	(List all parts used on form 130 with S/N's necessary)	06 MAR 2024	06 MAR 2024
41	Discrepancy Inst Co Pilot dual control yaw pedals require install to assist with gathering Yaw break out forces in Yaw system	Mech. <u>CAM</u>	Date <u>06 Mar 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Installed Co-Pilot dual control Yaw Pedals IAW Airbus BK117C2 AMM F.3-1-1 67-20-00, 4-2 F.3.4	AL	KEU
	(List all parts used on form 130 with S/N's necessary)	06 MAR 2024	06 MAR 2024
42	Discrepancy Co-pilot pedals dual control Yaw pedals require removal.	Mech. <u>ESP</u>	Date <u>06 MAR 2024</u>
	Removed P/N <u>N/A</u>	S/N <u>N/A</u>	
Corrective Action	Removed Co-pilot dual control Yaw pedals IAW Airbus BK117C2 AMM 67-20-00, 4-2 (F.2)(d)(e). No defects noted.	ESP	CAM
	(List all parts used on form 130 with S/N's necessary)	06 MAR 2024	06 MAR 2024

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Item	Discrepancy	Mech.	Insp.
		Date	Date
43	Discrepancy Tail Rotor blade mounting forks require removal to inspect for binding. Removed P/N <u>N/A</u>	Mech. <u>CAM</u> Date <u>06 Mar 2024</u> S/N <u>N/A</u>	
Corrective Action Inspected and cleaned Tail Rotor blade mounting forks, checks good no defects noted. Installed same as removed Tail Rotor blade mounting forks IAW Airbus BK117C2 AMM 67-20-00, 4-2 F.2 e-s F.3 a,b p-v 67-20-00, 4-9 (List all parts used on form 130 with S/N's necessary)		AMM 06 MAR 2024	CAM 06 Mar 2024
44	Discrepancy Aircraft Fwd Belly panel requires removal to facilitate other maintenance. Removed P/N <u>N/A</u>	Mech. <u>CAM</u> Date <u>06 Mar 2024</u> S/N <u>N/A</u>	
Corrective Action Installed same as removed fwd Belly panel IAW Airbus BK117C2 AMM 52-40-00, 4-2 (List all parts used on form 130 with S/N's necessary)		AMM 06 MAR 2024	ESP 06 MAR 2024
45	Discrepancy Removed yaw trim motor actuator serviceable PIN 418-00879-001 for trouble shooting. S/N 1046 Removed P/N <u>418-00879-001</u>	Mech. <u>CAM</u> Date <u>06 Mar 2024</u> S/N <u>1046</u>	
Corrective Action Installed used serviceable yaw trim motor actuator PIN 418-00879-001 S/N 448 IAW Airbus BK117C2 AMM 67-14-00 F.2 F.5 Using new serviceable screws PIN: DIN 7184M5X16B36-(2x4) (List all parts used on form 130 with S/N's necessary)		AMM 06 MAR 2024	ESP 06 MAR 2024
46	Discrepancy Removed P/N _____	Mech. _____ Date _____ S/N _____	
Corrective Action (List all parts used on form 130 with S/N's necessary)			
47	Discrepancy Removed P/N _____	Mech. _____ Date _____ S/N _____	
Corrective Action (List all parts used on form 130 with S/N's necessary)			
48	Discrepancy Removed P/N _____	Mech. _____ Date _____ S/N _____	
Corrective Action (List all parts used on form 130 with S/N's necessary)			

All items shall include removal, inspection, and installation reference as applicable

N# / Job N191LL

Supplemental Parts Sheet

W/O # AC9319290224

[illegible]

Mechanics Signature/Initial Identification

AIRCRAFT T.T.: 7432.9

WORK ORDER NO. / JOB NO.: AC9319290224

MAI, Form 160, Rev. IR



TECHNICAL DIRECTIVE COMPLIANCE FORM

Company Memo 24MM-02

Visual Inspection of BK117 Series Tail Cone Around the Air Conditioner Condenser Box Aft Gusset Mount Attachment Brackets

Section 1 RECORDS CHECK

Completed by Records/Airworthiness department

Records research was conducted by MAI Airworthiness Department, Name: Teresa Thessen Date: 27 FEB 2024

Section 2 RECORDS CHECK FINDINGS

Completed by Records/Airworthiness department

All BK117 B-1, C-1 & C-2 Aircraft

Comply with the ACTIONS REQUIRED section of Company Memo within 25 flight hours. Create a log entry using the applicable sample log entry and place in the Aircraft Logbook.

IF CRACKS OR WORKING RIVETS ARE FOUND, NOTIFY YOUR RMM.

Note: The times used to determine the Next Due for this Company Memo were taken from the Secure Site as of the date of this TDCF.
The secure site may not reflect the actual current aircraft total times.
(Status Sheets have been updated as required)

Section 3 COMPLIANCE

Completed by Mechanic, If item is not applicable insert N/A

MODEL AIRCRAFT BK117	ACFT S/N <u>9319</u>	ACFT REGISTRATION # <u>N191LL</u>	ACFT T.T. <u>7432.9</u>
ENG. S/N # <u>18860</u>	ENG. T.T. <u>5024.8</u>	ENG. S/N # <u>47600</u>	ENG. T.T. <u>4038.1</u>
COMPONENT DESCRIPTION: <u>Air Conditioner Condenser mount</u>	COMP. P/N <u>N/A</u>	COMP. S/N <u>N/A</u>	DATE <u>29 FEB 2024</u>
MECHANIC SIGNATURE: 	CERTIFICATE NO.  <u>AWP</u>		

Note: Completing this form is only required for the initial compliance.

Note: Completing this form does not relieve the mechanic from making the required logbook entries for the initial and recurring log entries.

Note: Attached are sample log entries. Sample log entries may not fit all scenarios, verify and amend as necessary.

METRO AVIATION, INC.
 AIRBUS BK117 C-2, C-2e (EC145)
 APPROVED AIRCRAFT INSPECTION PROGRAM
 AAIP REVISION - REV 1, 08/29/2022
 AREA INSPECTIONS
 AIRFRAME AND ENGINE INSPECTION

ACFT SERIAL# 9319
 ACFT REG# N191LL
 ACFT MODEL BK117C2
 ACFT T.T. 7433.3

INSPECTIONS REFERENCED IN THIS APPROVED AIRCRAFT INSPECTION PROGRAM SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE REFERENCED MATERIAL AND CURRENT FEDERAL AVIATION ADMINISTRATION RULES AND GUIDELINES. THE SPECIFIC LINE ITEM SHALL BE INITIALED BY THE MECHANIC AND THE INSPECTOR ONLY WHEN THE INSPECTION IS COMPLETED AND ANY REPAIRS AND COMPONENT REPLACEMENT ACCOMPLISHED AS A RESULT OF THE INSPECTION HAVE BEEN COMPLETED AND RECORDED ON THE WORK ORDER AND/OR THE FLIGHT AND MAINTENANCE LOGBOOK.

- A. INITIATE MAI FORMS #110, #114, #130 AND #160 IF THE AIRCRAFT WILL NOT BE RETURNED TO SERVICE BY THE END OF THE DAY SHIFT.
- B. REVIEW ENGINEERING LOG CURRENT & DEFERRED DISCREPANCIES.
- C. NOTE ANY DISCREPANCIES ON FORM #114.
- D. REVIEW AIRCRAFT COMPONENT STATUS SHEET FOR ITEMS OR ANY OTHER INSPECTIONS DUE.
- E. NOTIFY DISPATCHER OR PILOT ASSIGNED TO AIRCRAFT THAT AIRCRAFT IS OUT OF SERVICE AND TIME IT IS EXPECTED BACK IN SERVICE.

NOTE: IF MANUAL REFERENCES ARE FOUND TO BE INCORRECT, CONSULT THE APPLICABLE MAINTENANCE MANUAL FOR THE CORRECT REFERENCE. IF THE CORRECT REFERENCE CANNOT BE FOUND, CONTACT THE AIRWORTHINESS DEPARTMENT AT THE MAIN OFFICE IN SHREVEPORT FOR CORRECTIVE ACTION.

ITEM	MECH. INIT	DATE	SUBJECT	MANUAL REF.	INTERVAL
AREA 1 FIRST AID KIT, FIRE EXT. INSP.	AA	04 Mar 2024	INSPECT FIRST AID KIT FOR EXPIRED ITEMS AND SERVICEABILITY. PERFORM A MONTHLY FIRE EXTINGUISHER CHECK.	VISUAL 25-60-00, 6-2 26-25-00, 6-1 NFPA-10	30 DAY
AREA 2 PFD INSP.	AA	04 Mar 2024	COMPLY WITH MAI PFD INSPECTION PROGRAM.	I/AW MAI PFD EQUIPMENT MONITORING PROGRAM (SHAREPOINT)	60 DAY
AREA 3 EMS INSP.	N/A		PERFORM A 6 MONTH AIR METHODS EMS SYSTEM INSPECTION. (AIR METHODS EMS SYSTEM ONLY). ATTACHMENT AND SECURITY CHECKED BY: _____	APPLICABLE ICA, STC'S, 337'S OR DRAWINGS	6 MONTH
AREA 4 SEARCH LIGHT INSP.	N/A		PERFORM AN SX-5 SEARCH LIGHT INSPECTION (IF INSTALLED).	APPLICABLE ICA, STC'S, 337'S OR DRAWINGS	24 MONTH

AREA 5 DOOR EXIT WINDOW INSP.	N/A	PERFORM THE FUNCTIONAL TEST OF THE EMERGENCY EXIT. EFFECTIVITY: NON-JETTISONABLE SLIDING DOOR.	56-30-00, 5-1	24 MONTH
		PERFORM A FUNCTIONAL TEST OF THE FORWARD CABIN WINDOWS.	56-20-00, 5-1	
AREA 6 COLL. SHAFT	N/A	PERFORM THE INSPECTION OF THE COLLECTIVE SHAFT.	67-12-00, 6-2	84 MONTH TSN INITIAL
		IF NO CORROSION IS DETECTED:	67-12-00, 6-2	36 MONTH TIS AFTER INITIAL 84 MONTH
		IF CORROSION IS DETECTED:	67-12-00, 6-2	EVERY 12 MONTH
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 7 IBF FILTER INSP.	N/A	PERFORM THE INSPECTION OF THE IBF FILTER ASSEMBLY (IF INSTALLED). (FACTORY SYSTEM ONLY).	71-64-00, 6-1	500 HOUR OR 12 MONTH
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 8 SPACER TUBE INSP.	N/A	PERFORM THE INSPECTION OF THE SPACER TUBE.	63-21-00, 6-3	1600 HOUR
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 9 T/R BOLT INSP.	N/A	PERFORM THE INSPECTION OF THE TAIL ROTOR CLOSE TOLERANCE BOLTS.	64-10-00, 6-2	2400 HOUR OR 72 MONTH
		ATTACHMENT AND SECURITY CHECKED BY: _____		
T/R HEAD INSP.	N/A	PERFORM THE INSPECTION OF THE TAIL ROTOR HEAD.	64-20-00, 6-3	
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 10 INPUT SHAFT INSP.	N/A	PERFORM THE INSPECTION OF THE INPUT SHAFT.	63-11-00, 6-1	4800 HOUR OR 72 MONTH
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 11 M/R HEAD INSP.	N/A	PERFORM THE INSPECTION OF THE MAIN ROTOR HEAD.	62-21-00, 6-4	4800 HOUR 96 MNTH TSN THEN 4800 HOUR 72 MNTH TSI
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 12 INNER SLEEVE INSP.	N/A	PERFORM THE INSPECTION OF THE INNER SLEEVE ASSEMBLY.	62-21-00, 6-5	4800 HOUR 96 MNTH TSN THEN 4800 HOUR 72 MNTH TSI
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 13 SWASH PLATE INSP.	N/A	PERFORM THE INSPECTION OF THE SWASHPLATE.	62-31-00, 6-4	5000 HOUR
		ATTACHMENT AND SECURITY CHECKED BY: _____		
AREA 14 OIL COOLER AND FAN INSP.	N/A	PERFORM THE INSPECTION OF THE OIL COOLER AND FAN.	79-00-00, 6-2	5000 HOUR
		ATTACHMENT AND SECURITY CHECKED BY: _____		

AREA 15 HYD. LINES AND PLATE INSP.	N/A	PERFORM THE INSPECTION OF THE HYDRAULIC LINES AT THE HYDRAULIC MODULE PLATE ASSEMBLY. ATTACHMENT AND SECURITY CHECKED BY: _____	29-15-00, 6-1	5600 HOUR OR 84 MONTH
AREA 16 HORIZ. TUBE INSP.	N/A	PERFORM THE INSPECTION OF THE TUBE OF THE HORIZONTAL CONTROL ROD. P/N D671M4201202. ATTACHMENT AND SECURITY CHECKED BY: _____	67-10-00, 6-7	9200 HOUR
AREA 17 CONTRL ROD INSP.	N/A	PERFORM THE INSPECTION OF THE ROTATING CONTROL ROD END ASSEMBLY M10X1. P/N D623M3301111. ATTACHMENT AND SECURITY CHECKED BY: _____	62-33-00, 6-3	20400 HOUR
CONTRL ROD END INSP.	N/A	PERFORM THE INSPECTION OF THE ROTATING CONTROL ROD END ASSEMBLY M10X1.5. P/N D623M3301121. ATTACHMENT AND SECURITY CHECKED BY: _____	62-33-00, 6-3	
AREA 18 VERT. CONTRL ROD INSP.	N/A	PERFORM THE INSPECTION OF THE TUBE OF THE VERTICAL CONTROL ROD. P/N D671M7201202. ATTACHMENT AND SECURITY CHECKED BY: _____	67-13-00, 6-8	30000 HOUR
AREA 19 EMER POWER SUPPLY INSP.	N/A	INSPECT PS-835 EMERGENCY POWER SUPPLY. a. GAIN ACCESS TO PS-835 EMERGENCY SUPPLY. b. WITH NO POWER APPLIED TO THE PS-835 EMERGENCY SUPPLY, PRESS TEST SWITCH INTO TEST POSITION FOR 5 SECONDS. THE PS-835 INDICATES THAT IT IS ADEQUATELY CHARGED WHEN THE VOLTAGE LEVEL 24Vdc LED, AT LEAST ILLUMINATES MOMENTARLY, AND 20 Vdc LED REMAINS LIT DURING THE TEST. NOTE: ENSURE TEST SWITCH IS RETURNED TO NORMAL POSITION AND ALL LED's ARE EXTINGUISHED. c. IF THE VOLTAGE LEVEL 24Vdc LED DOES NOT, AT LEAST, MOMENTARILY ILLUMINATE WHILE THE 20Vdc LED IS ILLUMINATED, THE EMERGENCY POWER SUPPLY IS INCAPABLE OF PROVIDING POWER IN AN EMERGENCY. REPLACE OR SERVICE POWER SUPPLY. ATTACHMENT AND SECURITY CHECKED BY: _____	SL-80	3 MONTH TO 6 MONTH

MECHANIC IDENTIFICATION BLOCK - "ALL PERSONNEL INITIALING ON THIS FORM MUST COMPLETE THIS BLOCK"

NAME (print)	SIGNATURE	CERTIFICATE # and RATING	INITIAL
Adam Berbert			AB

An entry reflecting the work accomplished will be made in the aircraft flight and maintenance log in accordance with Chapter 8 of the Operations Manual.