



Work Order 321BA-2025-1
2025-01-04 - 2025-01-07

Work Order # 321BA-2025-1	Title: 100 Hr & 12 Mo	Description: 100 Hr, 12 Mo Inspection	Date Started 2025-01-04	Date Closed 2025-01-07	Total Hrs Est. / Act 0.0/0.0
Aircraft Times					
N#: 321BA	AF S/N: 208B5613	Eng S/N (1/2):	AC TT: 4291.3	PPTT 1: 4291.3	Hobbs: 4291.3
STRTS: 8847	STRTS 2: 597	Landings: 8847	NG: 0.00		
Prop 1: 3842.40	Prop 2937.50				
Work Completed					
Item #: 1	Title: Return to Service Sign-Off	Description:	Part Number:	Serial Number:	Date: 2025-01-07
Task Title	Task Description			Task Notes	Task Initials
Return to Service Pre-made Corrective Action	Select the "Return to Service" pre-made MX-Inspection Compliance Statement in the Canned Note for the MX-Inspection Compliance Section of this discrepancy at the completion of the Work Order.				01/07/2025 04:50:55 -
Audited Flight Record Picture	Attach/upload picture of audited flight record to this discrepancy.				01/04/2025 05:35:13 -
Audit Flight Record Book	Audit and correct math error Flight Record & Remove Complete Blue Copies. Ref: Bering Air GMM				01/04/2025 04:03:14 -
Garmin G1000 NXi Databases	Check Status of G1000 Databases/ Update if needed or if updates are available. Ref: 208 Garmin G1000 or G1000 NXi Line Maintenance Manual & Bering Air GMM				01/07/2025 04:45:19 -
RII Verification	Verify All RII Functions Have Been Completed at the Completion of this Inspection Packet Ref: Bering Air CAMP Manual				01/07/2025 04:38:19 -
Hobbs Meter Sticker Update	Placard Hobbs Meter with Inspection Due Time "_____ " Ref: Bering Air GMM				01/04/2025 05:35:22 -
Sump Fuel Tanks	Sump all fuel tank drains. Ref: 208 POH				01/07/2025 04:38:51 -
Aircraft Status Sheet in Aircraft/Tin Sheet	Update Bering Air Aircraft Status Sheet in Aircraft/Tin. Ref: Bering Air GMM				01/04/2025 05:35:27 -
Registration & Airworthiness Certificate	Verify aircraft Registration and Airworthiness Certificate are installed in the aircraft, legible, and Registration not expired.				01/04/2025 05:09:21 -
Post Maintenance Walk Around	Complete pre-flight walk around inspection at the completion of the inspection with extra focus on areas where maintenance was performed during the inspection. Ref: 208 POH				01/07/2025 04:38:52 -

Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2024-4				
	Details on file with work order #321BA-2024-5				
	Details on file with work order #321BA-2024-6				
	Details on file with work order #321BA-2024-7				
	Details on file with work order #321BA-2024-9				
	Details on file with work order #321BA-2024-10				
	Details on file with work order #321BA-2024-11				
	Details on file with work order #321BA-2024-12				
Details on file with work order #321BA-2025-1					
Notes:					Mechanic: [REDACTED]
Next Inspection DUE @ 4400.0 Hrs for 400 Hr & 48 Mo Unairworthy @ 1/31/2025 ELT Battery, 4425.0 Hrs					
Inspection Compliance:					
Contents of this Inspection Packet / Work Order completed. I certify that this aircraft has been inspected in accordance with Bering Air, Inc Continuous Airworthiness Maintenance Program (CAMP) and is approved for return to service at this time.					
MOC:					Inspector
Item #: 2	Title: 100 Hr Airframe Inspection	Description:	Part Number:	Serial Number:	Date: 2025-01-04
Task Title	Task Description			Task Notes	Task Initials
Nose Torque Links & Lower Bearing Block Bearing Lube	Grease Nose Torque Links and Lower Bearing Block Bearing Assembly. Zone 700 Ref: 208 M/M Task 12-21-03-640				01/04/2025 07:27:54 - [REDACTED]
Passenger Door Strut Travel - Visual/Check	Inspect Pax Lower Door Struts are Not Over Extended when Door Fully Open Ref: Communique # SE-TP-004 & 208 M/M				01/04/2025 05:19:24 - [REDACTED]
Portable Scale - Visual/Check	Verify Portable Scale Condition & Calibration Ref: Bering Air GMM				01/04/2025 05:17:53 - [REDACTED]
Standby Flap Motor - Check	Perform Standby Flap Motor Ops Check. Ref: 208 M/M CH 27-50-00-720				01/04/2025 05:05:20 - [REDACTED]
Passenger Seat - Visual	Inspect passenger seats for general condition & complete Seat Spot Check. Ref: AeroTwin Single Folding Seat STC & Bering Air GMM				01/04/2025 05:37:37 - [REDACTED]
Passenger Door Strut Charge - Visual/Check	Inspect Pax Lower Door Struts are Charged by Removal & Reinstallation Ref: 208 M/M Ch 52				01/04/2025 05:19:32 - [REDACTED]
Passenger Briefer System - Visual/Check	Passenger Briefing System - Check briefing system for proper operation Ref: HUCAB User Manual				01/04/2025 05:05:45 - [REDACTED]
Inertial Separator & Linkages - Visual	Inspect inertial separator and linkages for condition/security of attachment. Ref: 208 M/M Ch 71-60-00				01/04/2025 09:01:53 - [REDACTED]
Portable Fire Extinguisher - Visual/Check	Inspect Portable Fire Extinguisher Ref: Bering Air GMM				01/04/2025 05:18:02 - [REDACTED]
RH Brake Pads & Disk - Visual	Inspect RH brake pads & disks for condition/security of attachment. Ref: 208 M/M Ch 32-40-00				01/04/2025 08:44:43 - [REDACTED]
LH Brake Caliper Pins - Visual	Inspect LH brake caliper pins for general condition, torque and security. Pins should have no movement after being torqued Ref: 208 M/M Ch 32				01/04/2025 09:01:55 - [REDACTED]

Nose Wheel Bearings - Visual/Lube	Lubricate nose wheel bearings. Ref: 208 M/M Ch 32-40-00				01/04/2025 07:22:12 -
RH Brake Caliper Pins - Visual	Inspect RH brake caliper pins for general condition, torque and security. Pins should have no movement after being torqued Ref: 208 M/M Ch 32				01/04/2025 08:44:46 -
LH Brake Pads & Disk - Visual	Inspect LH brake pads & disks for condition/security of attachment. Ref: 208 M/M Ch 32-40-00				01/04/2025 09:01:56 -
Nose Wheel Balance - Check	Verify balance of nose wheel assembly, balance if necessary. Ref: 208 M/M, Standard Pratices				01/04/2025 07:23:50 -
Work Hours (EST ACT): 0.0 	MX Notes: Details on file with work order #321BA-2024-4 Details on file with work order #321BA-2024-5 Details on file with work order #321BA-2024-6 Details on file with work order #321BA-2024-7 Details on file with work order #321BA-2024-9 Details on file with work order #321BA-2024-10 Details on file with work order #321BA-2024-11 Details on file with work order #321BA-2025-1				
Notes:					Mechanic:
Inspection Compliance:					
Inspection Checklist verified completed					
MOC:					Inspector
Item #: 3	Title: 100 Hr Engine Inspection	Description: ENGINE INSPECTION	Part Number: PT6A-140	Serial Number: PCE-VA0701	Date: 2025-01-04
Task Title	Task Description			Task Notes	Task Initials
Tubes & Hoses - Visual	Do visual inspection of all tubes and hose assemblies. Ref: P&W -140 M/M Ch 70-00-00-200-801				01/04/2025 08:33:16
Prop Shaft Oil Seal - Visual	Do a detailed Inspection of the propeller shaft oil seal for leakage. Ref: P&W -140 M/M				01/04/2025 08:33:18
Engine Externals - Visual	Do a visual inspection of the engine externals. Ref: P&W -140 M/M Ch 70-00-00-200				01/04/2025 08:37:18
Oil Quantity - Check	Do a visual inspection of the engine oil quantity. Ref: P&W -140 M/M Ch 70-00-00-640				01/04/2025 08:37:21
Oil Filler Cap - Visual	Do a check of the installation of the oil filler cap. Ref: P&W -140 Ch 79-10-01-210				01/04/2025 08:37:23
Scavenge Oil Pump Housing - Visual	Do a visual inspection of the scavenge oil pump housing for leaks. Ref: P&W -140 M/M Ch 70-00-00-200				01/04/2025 08:37:25
Work Hours (EST ACT): 0.0 	MX Notes: Details on file with work order #321BA-2024-4 Details on file with work order #321BA-2024-5 Details on file with work order #321BA-2024-6 Details on file with work order #321BA-2024-7 Details on file with work order #321BA-2024-9 Details on file with work order #321BA-2024-10 Details on file with work order #321BA-2024-11 Details on file with work order #321BA-2025-1				
Notes:					Mechanic:

Inspection Compliance:					
Inspection Checklist verified completed					
MOC:					Inspector
Item #: 4	Title: 100 Hr/12 Mo Prop Inspection - STC	Description: PROPELLER INSPECTION CHECK	Part Number: 4HFR34C778	Serial Number: 150502	Date: 2025-01-06
Task Title	Task Description			Task Notes	Task Initials
Hardware Inspection - Visual	Inspection of all attaching hardware, including the hardware under the spinner, for security. Tighten if necessary. Ref: Alamo Aerospace ICA # 55181-6, McCauley Doc MPC26 Ch 61-00-06 & 61-10-45				01/06/2025 02:53:46
Spinner Removal	Remove Spinner Ref: Alamo Aerospace ICA # 55181-6, McCauley Doc MPC26 Ch 61-00-06 & 61-10-45				01/06/2025 02:53:47
General Complete Assembly Inspection - Visual	Check entire propeller for corrosion, cracks, or other damage. Contact a McCauley Service Center for disposition if any unusual damage is found. Ref: Alamo Aerospace ICA # 55181-6, McCauley Doc MPC26 Ch 61-00-06 & 61-10-45				01/06/2025 02:53:48
Oil Leakage Inspection - Visual	Inspect entire propeller system for oil leakage. If leakage is confirmed, the propeller should be removed, thoroughly inspected, and resealed by an FAA approved Part 145 Propeller Repair Station or international equivalent or technician. Ref: Alamo Aerospace ICA # 55181-6, McCauley Doc MPC26 Ch 61-00-06 & 61-10-45				01/06/2025 02:53:49
Paint Touch Up - Corrosion Prevention	Repaint propeller blades, as necessary, in accordance with the instructions in Cleaning/Painting/Protective Treatments. Ref: Alamo Aerospace ICA # 55181-6, McCauley Doc MPC26 Ch 61-00-06 & 61-10-45				01/06/2025 02:53:51
Placard Inspection - Visual	Examine all placards for legibility and security of installation. Replace all placards that are illegible or not secure. Ref: Alamo Aerospace ICA # 55181-6, McCauley Doc MPC26 Ch 61-00-06 & 61-10-45				01/06/2025 02:53:52
Spinner Installation	Install & center spinner. Ref: Alamo Aerospace ICA # 55181-6, McCauley Doc MPC26 Ch 61-00-06 & 61-10-45				01/06/2025 07:32:41
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2024-4 Details on file with work order #321BA-2024-5 Details on file with work order #321BA-2024-6 Details on file with work order #321BA-2024-7 Details on file with work order #321BA-2024-9 Details on file with work order #321BA-2024-10 Details on file with work order #321BA-2024-11 Details on file with work order #321BA-2025-1				
Notes:					Mechanic: [REDACTED]
Inspection Compliance:					
Inspection Checklist verified completed					
MOC:					Inspector

Item #: 5	Title: 12 Mo Airframe Inspection, Inbrd TKS Panel Press Check, MLG/NLG Visual	Description: 12 CALENDAR MONTH	Part Number:	Serial Number:	Date: 2025-01-05
Task Title	Task Description			Task Notes	Task Initials
Engine Wash Ring, Air Plenum, & Thermocouple (T1) - Detailed Inspect	Engine Wash Ring, Air Plenum, and Thermocouple (T1) Detailed Inspection. Zone 130 Ref: 208 M/M Task 71-41-00-220				01/05/2025 05:09:24
Nose Landing Gear Wheel & Tire - Detailed Inspect	Nose Landing Gear Wheel and Tire Detailed Inspection. Zone 710 Ref: 208 M/M Task 32-40-00-220				01/04/2025 07:24:02
Main Landing Gear Wheels & Tires - Detailed Inspect	Main Landing Gear Wheels and Tires Detailed Inspection. Zone 721 722 Ref: 208 M/M Task 32-40-00-222				01/04/2025 08:44:11
Brake - Detailed Inspect	Brakes Detailed Inspection. Zone 721 722 Ref: 208 M/M Task 32-40-00-220				01/04/2025 08:44:16
Inboard TKS Wing Panel Pressurization - Check	Inboard TKS Wing Panel Pressurization Functional Check. Zone 501, 601, AUX Ref: 208 M/M Task 30-11-00-721				01/05/2025 09:11:43
Main Landing Gear - Detailed Inspect	Main Landing Gear Detailed Inspection. Zone 721 722 Ref: 208 M/M Task 32-10-00-220				01/04/2025 08:44:19
Drag Link Forward Support Seal - Visual	Drag Link Forward Support Seal General Visual Inspection. Zone 701 Ref: 208 M/M Task 32-20-00-210				01/04/2025 07:37:19
Key Lock - Lube	Key Lock Lubrication. Zone 801, 802, 803, 804, 921, 922, 923, 924 Ref: 208 M/M Task 12-21-07-640				01/04/2025 07:37:13
Horizontal Stab Attach Fittings & Rear Spar Cove - Detailed Inspection	Horizontal Stabilizer Attach Fittings and Rear Spar Cove Detailed Inspection. Zone 371, 372, 373, 374 Ref: 208 M/M Task 55-10-00-220				01/05/2025 02:26:04
Vertical Stab Attach Fittings & Rear Spar Cove - Detailed Inspection	Vertical Stabilizer Attach Fittings and Rear Spar Cove Detailed Inspection. Zone 320, 340, 341 Ref: 208 M/M Task 55-30-00-220				01/05/2025 02:26:05
Rudder Torque Tube & Torque Tube Bell Crank - Detailed Inspection	Rudder Torque Tube and Torque Tube Bell Crank Detailed Inspection. Zone 343 Ref: 208 M/M Task 55-40-00-220				01/05/2025 02:26:06
Wing Rear Spar Flap Cove - Detailed Inspection	Wing Rear Spar Flap Cove Detailed Inspection. Zone 521, 531, 621, 631 Ref: 208 M/M Task 57-10-00-220				01/04/2025 09:02:34
Wing Strut Upper & Lower Attachment - Detailed Inspection	Wing Strut Upper and Lower Attachment Detailed Inspection. Zone 531, 631 Ref: 208 M/M Task 57-10-01-22				01/05/2025 03:28:58
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2023-2 Details on file with work order #321BA-2025-1				
Notes:					Mechanic:
Inspection Compliance:					
Inspection Checklist verified completed					

MOC:					Inspector
Item #: 6	Title: Balance Prop - STC	Description: Balance Prop	Part Number: 4HFR34C778	Serial Number: 191258	Date: 2025-01-06
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2024-2 Details on file with work order #321BA-2024-6 Details on file with work order #321BA-2024-8 Details on file with work order #321BA-2025-1				
Notes:					Mechanic: [REDACTED]
Inspection Compliance: balanced as needed. New ips at 0.00					
MOC:					Inspector
Item #: 7	Title: Battery Capacity Check	Description: BATTERY CAPACITY CHECK	Part Number: RG-380E/44	Serial Number: 70019313	Date: 2025-01-07
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2024-4 Details on file with work order #321BA-2024-6 Details on file with work order #321BA-2024-9 Details on file with work order #321BA-2025-1				
Notes:					Mechanic: [REDACTED]
Inspection Compliance: Failed capacity check, see component ID tag for details. Removed defective aircraft battery and installed new aircraft battery P/N: RG-380E/44 S/N: 41404056 IAW C208B MM 24-33-00.					
MOC:					Inspector
Item #: 8	Title: Flap Bushing, Bearing, & Hardware Replacement	Description: REPLACE FLAP BUSHINGS & HARDWARE	Part Number: See Notes	Serial Number:	Date: 2025-01-06
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2025-1				
Notes:					Mechanic [REDACTED]
Inspection Compliance: Removed and installed new flap bearings, bushings & rollers P/N: MS214420121, 0523919, 0523921 and assembled IAW C208B MM 57-50-00. Operational and travel check satisfactory.					
MOC:					Inspector [REDACTED]
Item #: 9	Title: NLG Gravel Deflector 100 Hr Inspection - Aero Twin STC	Description: NLG GRAVEL DEFLECTOR 100 HR	Part Number: NGD8-100	Serial Number:	Date: 2025-01-04
Task Title	Task Description			Task Notes	Task Initials

Work Hours (EST ACT): 0.0		MX Notes: Details on file with work order #321BA-2024-4 Details on file with work order #321BA-2024-5 Details on file with work order #321BA-2024-6 Details on file with work order #321BA-2024-7 Details on file with work order #321BA-2024-9 Details on file with work order #321BA-2024-10 Details on file with work order #321BA-2024-11 Details on file with work order #321BA-2025-1			
Notes:					Mechanic:
Inspection Compliance: Complied with Aero Twin STC NGD8-ICA 100 hr Inspection.					
MOC:					Inspector
Item #: 10	Title: NLG Gravel Deflector 500 HR / 12 Mo - Aero Twin STC	Description: NLG GRAVEL DEFLECTOR 500 HR	Part Number: NGD8-100	Serial Number:	Date: 2025-01-04
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0		MX Notes: Details on file with work order #321BA-2023-3 Details on file with work order #321BA-2024-6 Details on file with work order #321BA-2025-1			
Notes:					Mechanic:
Inspection Compliance: Complied with Aero Twin STC NGD8-ICA 500hr / 12Mo Inspection.					
MOC:					Inspector
Item #: 11	Title: GI 275 System Visual Inspection - STC	Description: GI 275 System Visual Inspection	Part Number: 010-02326-30	Serial Number:	Date: 2025-01-05
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0		MX Notes: Details on file with work order #321BA-2023-2 Details on file with work order #321BA-2025-1			
Notes:					Mechanic:
Inspection Compliance: C/W GI275 system visual inspection, no defects noted.					
MOC:					Inspector
Item #: 12	Title: GI 275 Backup Battery Check - STC	Description: GI 275 Backup Battery Check	Part Number: 010-02326-30	Serial Number:	Date: 2025-01-05
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0		MX Notes: Details on file with work order #321BA-2023-2 Details on file with work order #321BA-2025-1			

Notes:					Mechanic: XXXXXXXXXX
Inspection Compliance: C/W GI275 backup battery check, time elapsed: 86 min.					
MOC:					Inspector
Item #: 13	Title: ELT Annual	Description: 14CFR 91.207 ME406	Part Number: C406-N	Serial Number: 252-04814	Date: 2025-01-06
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0	MX Notes: HEX ID: 2DC746E442FFBFF Details on file with work order #321BA-2024-10 Details on file with work order #321BA-2025-1				
Notes:					Mechanic: XXXXXXXXXX
Inspection Compliance: Insp. IAW Cessna M.M. 25-64-00, 26-60-00 FAR 91.207. Function check satisfactory					
MOC:					Inspector
Item #: 14	Title: ELT Battery Replacement	Description: ELT BATTERY REPLACEMENT	Part Number: 452-0133	Serial Number: 1008749-011	Date: 2025-01-04
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2025-1, P/N 452-0133 S/N 1008749-011. Exp. date Aug/2029				
Notes:					Mechanic: XXXXXXXXXX
Inspection Compliance: Removed and replaced E.L.T. Batt. Installed Batt. P/N 452-0133 S/N 1008749-011. Exp. date Aug/2029. Insp. IAW Cessna M.M. 25-64-00, 26-60-00 FAR 91.207. Function check satisfactory					
MOC:					Inspector
Item #: 15	Title: RH Brake Cylinder (Caliper) Leaking	Description:	Part Number: 061-11800	Serial Number:	Date: 2025-01-04
Task Title	Task Description			Task Notes	Task Initials
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2023-1 Dennis Twaddle Jr - ADMIN changed this to C/W on Thu Nov 09 2023 18:21:30 GMT-0900 (Alaska Standard Time) Details on file with work order #321BA-2025-1				
Notes:					Mechanic: XXXXXXXXXX
Inspection Compliance: Installed serviceable Brake Caliper Assy P/N: 091-16101 S/N T471 IAW C208B MM 32-40-00. See data tag attached for details.					
MOC:					Inspector
Item #: 16	Title: LH Brake Cylinder (Caliper) Leaking	Description:	Part Number: 061-11800	Serial Number:	Date: 2025-01-04

Task Title	Task Description	Task Notes	Task Initials
Work Hours (EST ACT): 0.0	MX Notes: Details on file with work order #321BA-2025-1		
Notes:			Mechanic: [REDACTED]
Inspection Compliance: Installed serviceable brake caliper assy P/N: 091-16101 S/N: T473 IAW C208B MM 32-40-00. See data tag attached for details.			
MOC:			Inspector
Work Order Notes			
Work Order Sign Off			