

AIRCRAFT

STATUS REPORT

N125BR

CIRRUS SR-22

S/N: 22-1221

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AIRCRAFT STATUS SHEET

N125BR

CIRRUS SR22 S/N: 22-1221

Timed Item	Due Date	
Annual Inspection	May	2021
CAPS Reefing Line Cutters	Oct	2020
CAPS Rocket Motor	Oct	2024
CAPS Parachute	Nov	2024
IFR Certification	May	2022
ELT Batteries	Oct	2025
ELT Remote Batteries	May	2028
Battery #1		
Battery #2	Mar	2021
OAT Battery	N/A	N/A
EMA	N/A	N/A
Pilot/Co-pilot Seat Inflators	N/A	N/A
Magnetos	Replaced / May	2020 TT:
Alt#1	Aug	2031 / 3155.6
TKS Filter	Replacement	Due
300 Hr. Fuel Injector Cleaning		
Brake Assembly O-rings		
RAI Bungee Cord	Jan	2023

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Operational Inspection Report		Initial Chk	Final Chk	Notes
1.	<p>Battery 2 Master Switch When switch is toggled ON the following should occur:</p> <p>Serials 22-0002 thru 22-0820 w/o PFD:</p> <ul style="list-style-type: none"> a. Voltmeter indicates at least 24 volts on battery 2. b. ALT 1 and ALT 2 Caution lights illuminate. c. Flap position light off. d. Attitude gyro low voltage flag hidden. e. HSI HDG flag hidden within five minutes. f. Turn Coordinator low voltage flag hidden. g. Autopilot ready indication after gyro spool up. <p>Serials 22-0435 thru 22-0820 w/ PFD, 22-0821 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662:</p> <ul style="list-style-type: none"> a. Voltmeter indicates at least 24 volts on battery 2. b. ALT 1 and ALT 2 Caution lights illuminate. c. Flap position light off. d. Autopilot ready indication after gyro spool up. e. PFD aligned within five minutes with no error messages. f. Standby attitude gyro aligned within five minutes. <p>Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective Avionics:</p> <ul style="list-style-type: none"> a. PFD indicates at least 24 volts on Essential Bus. b. ALT 2 Caution light illuminates. c. Flap position light off. d. Autopilot ready indication on both PFD and flight guidance programmer/computer after gyro spool up. e. PFD aligned within five minutes with no error messages. f. Standby attitude gyro aligned within five minutes. <p>Serials w/ Perspective Avionics:</p> <ul style="list-style-type: none"> a. PFD indicates at least 24 volts on Essential Bus. b. ALT 2, ALT 1, M BUS 2, and M BUS 1 caution messages are displayed on PFD. c. Flap position light off. d. AHRS aligns and COM 1 / NAV 1 are operational. e. Standby attitude gyro aligned within five minutes. 	✓	✓	

Operational Inspection Report (Continued)		Initial Chk	Final Chk	Notes
2.	<p>Battery 1 Master Switch When switch is toggled ON the following should occur:</p> <p>Serials 22-0002 thru 22-0820 w/o PFD:</p> <ul style="list-style-type: none"> a. ALT 1 and ALT 2 fail lights should be on. b. Flap position light illuminates. c. Engine instruments operational, MAP gage should indicate approximately the altimeter setting. d. Ammeter select switch should show slight discharge when battery selected. <p>Serials 22-0435 thru 22-0820 w/ PFD, 22-0821 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662:</p> <ul style="list-style-type: none"> a. ALT 1 and ALT 2 fail lights should be on. b. Flap position light illuminates. c. Engine instruments operational, MAP gage should indicate approximately the altimeter setting. d. Ammeter select switch should show slight discharge when battery selected. e. Turn battery 2 to the off position and verify PFD remains functional. f. Verify voltmeter indicates at least 24 volts on battery 1. <p>Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective Avionics:</p> <ul style="list-style-type: none"> a. ALT 1 and ALT 2 fail lights should be on. b. Flap position light illuminates. c. Engine parameters on PFD are operational, MAP display should indicate approximately the altimeter setting. d. Turn battery 2 to the off position and verify PFD remains functional. e. Verify PFD indicates at least 24 volts on Main Bus. <p>Serials w/ Perspective Avionics:</p> <ul style="list-style-type: none"> a. ALT 1 and ALT 2 caution messages are displayed on PFD. b. Flap position light illuminates. c. Engine parameters on MFD are operational, Man "Hg display should indicate approximately the altimeter setting. d. Turn battery 2 to the off position and verify PFD and MFD remain functional. e. Verify MFD indicates at least 24 volts on Essential Bus, Main 1 Bus, and Main 2 Bus. 	✓	✓	

Operational Inspection Report (Continued)	Initial Chk	Final Chk	Notes
<p>3. Lighting</p> <p>Verify lighting controls, avionics light sensors and lights operate properly:</p> <p>Serials 22-0002 thru 22-0820 w/o PFD:</p> <ul style="list-style-type: none"> a. Landing light. b. Navigation lights c. Anticollision lights d. Instrument backlighting: ASI, AH, VSI, DG, CDI, Clock, Altimeter, Turn Coordinator, and engine instrumentation. e. Avionics brightness: Audio Panel, GPS/COM/NAV 1 & GPS/COM 2, Transponder, and optional avionics. f. MFD, HSI brightness <p>Serials 22-0435 thru 22-0820 w/ PFD, 22-0821 thru 22-1601, 22-1603 thru 22-1643, 22-1645 thru 22-1662:</p> <ul style="list-style-type: none"> a. Landing light. b. Navigation lights c. Anticollision lights d. Instrument backlighting: ASI, AH, Altimeter, and engine instrumentation. e. Avionics brightness: Audio Panel, GPS/COM/NAV 1 & GPS/COM 2, Transponder, and optional avionics. f. PFD, MFD display and bezel key brightness. <p>Serials 22-1602, 22-1644, 22-1663 & subs w/o Perspective Avionics:</p> <ul style="list-style-type: none"> a. Landing light. b. Navigation lights c. Anticollision lights d. Instrument backlighting: ASI, AH, and Altimeter. e. Avionics brightness: Audio Panel, GPS/COM/NAV 1 & GPS/COM 2, Transponder, and optional avionics. f. PFD, MFD display and bezel key brightness. <p>Serials w/ Perspective Avionics:</p> <ul style="list-style-type: none"> a. Landing light. b. Navigation lights c. Anticollision lights d. Ice detection lights, if installed e. Instrument backlighting: ASI, AH, and Altimeter. f. Panel lighting: red panel and overhead flood light, red circuit breaker and alternate air flood light, CAPS handle red flood light. g. Reading and map lights. h. Avionics brightness: Audio Panel, keyboard, autopilot. i. PFD, MFD display and soft key brightness. 			

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Operational Inspection Report (Continued)		Initial Chk	Final Chk	Notes
4.	Pitot / Stall AOA Heat Set PITOT HEAT switch to ON position. The Pitot tube and Stall Vane, if equipped, must be noticeably warm within 10 seconds after the pitot heat is switched on.	✓	✓	
5.	AOA / Stall Vane - If Equipped Pull "Stall Warning" circuit breaker - Verify AOA fail. Turn on Pitot Heat switch. Pull Stall/AOA heat circuit breaker - Verify "Stall/Anti Ice HTR".	N/A	N/A	
6.	Oxygen System - If Equipped Confirm Oxygen system is charged. Check system pressure. Verify flow from pilot and passenger ports. Verify O2 flow stops when switch is shut off.	N/A	N/A	
7.	Ice Protection System - If Equipped Set ice protection switch to the MAXIMUM position and verify evidence of deicing fluid from porous panels.	✓	✓	
8.	Environmental System Fan operates with increasing velocity at appropriate control location. Position Control alters airflow appropriately. If equipped, AC selection starts condenser fan, illuminates light. If equipped, Verify AC recirculate position opens the evaporator doors. All controls operate smoothly and effectively with positive detents.	N/A	N/A	
9.	Communications a. Verify all four headset jacks operate properly. b. Music is muted during transmissions and receptions. c. Verify the communications capability on both the high and low ends of the VHF COM band.	✓	✓	
10.	Flight Controls Check for full range of travel and excessive friction. Visual Inspection for obstructions.	✓	✓	
11.	Engine Controls <i>Serials 22-0002 and subsequent:</i> Check full range of motion without any obstruction or excessive friction to travel. Power lever should provide a slight resistance at detents and have positive clearance to the console slot in both the full forward and full aft positions. <i>Serials 22T-0001 and subsequent:</i> Check full range of motion without any obstruction or excessive friction to travel. Power lever should have positive clearance to the console slot in both the full forward and full aft positions.	✓	✓	
12.	Start Engine (Refer to POH Section 4) Starter spins propeller rapidly without slipping or dragging. Set engine speed at 1000 RPM.	✓	✓	

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All

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Operational Inspection Report (Continued)		Initial Chk	Final Chk	Notes
3.	Oil Pressure Indicates in the green arc within 30 seconds. If extremely cold, oil pressure may be in yellow arc for one to two minutes.	✓	✓	
4.	Flaps Operate through full extension and retraction for steady and complete deployment. Flap position light illuminates at the retracted, 50%, and 100% positions.	✓	✓	
5.	Trim Controls Aileron trim functions fully left and right without rudder movement caused by the rudder-aileron interconnect. Check for full range of travel and excessive friction.	✓	✓	
16.	Altimeter Indicates within 50 feet of field elevation when set to correct barometric pressure setting.	✓	✓	
17.	Vertical Speed Indicator Indicates zero.	✓	✓	
18.	Alternator 1 Load <i>Serials w/o Perspective Avionics:</i> Increase RPM to 1000. Check that LOW VOLT light is off. Ammeter indication shows no current discharge with full avionics, landing light, pitot heat, and navigation lights operating. <i>Serials w/ Perspective Avionics:</i> The ALT 1 annunciation will appear when Main Bus 1 voltage is below 27 volts and output is less than 2 amps. When ALT 1 is turned off, Main Bus 1 voltage will indicate battery 1 voltage.	✓	✓	
19.	Alternator 2 Load <i>Serials w/o Perspective Avionics:</i> Increase RPM to 2000. Check that LOW VOLT light is off. Ammeter indication shows no current discharge with full load applied to Essential Bus. <i>Serials w/ Perspective Avionics:</i> During normal operating conditions (AC off) ALT 2 will indicate a larger load than ALT 1. There will be an ALT 2 annunciation when the ALT 2 load is less than 2 amps. When ALT 2 is not operating, ALT 1 will carry the entire electrical load.	✓	✓	
20.	Magneto RPM Drop Set RPM to 1700. Check that a 0 to 100 RPM drop occurs while operating on one magneto and no more than a 50 RPM drop difference between left and right magnetos. Reduce RPM to 1000.	✓	✓	
21.	Fuel Selector Valve Move selector to RIGHT and LEFT positions. Verify fuel flow.	✓	✓	

Operational Inspection Report (Continued)		Initial Chk	Final Chk	Notes
22.	Alternate Induction Air <i>Serials 22-0002 and subsequent:</i> Pull alternate induction air knob. Engine RPM and MAP should show a slight drop. <i>Serials 22T-0001 and subsequent:</i> Verify opening of the Alternate Air Door activates an indication on the PFD or MFD.	✓	✓	
23.	Engine Full Power <i>Serials 22-0002 and subsequent:</i> Advance throttle to full forward. Engine RPM should indicate between 2625 and 2700 RPM in a no wind environment or with airplane nose perpendicular to wind. <i>Serials 22T-0001 and subsequent:</i> Advance throttle to full forward. Engine RPM should indicate between 2480 and 2500 in a no wind environment or with airplane nose perpendicular to wind	✓	✓	
24.	Fuel Flow <i>Serials 22-0002 and subsequent:</i> Advance throttle to full forward. Verify fuel flow indicates approximately 25.6 to 27.3 gal/hr. <i>Serials 22T-0001 and subsequent:</i> Advance throttle to full forward. Verify fuel flow indicates in the green arc.	✓	✓	
25.	Oil Temperature Indicates in the green arc.	✓	✓	
26.	Cylinder Head Temperature Verify temperature indicates in the green range.	✓	✓	
27.	Brakes Rudder pedal brakes should hold airplane stationary with no slipping at full power. Parking brake should hold airplane stationary with no slipping at full power.	✓	✓	
28.	Magneto Grounding Set engine speed to 1000 RPM. Engine should cease to fire when magneto momentarily switched to OFF position.	✓	✓	
29.	Engine Idle Move throttle control lever to full aft. Engine RPM should indicate between 600 and 750 RPM with the mixture full rich.	✓	✓	
30.	Engine Cut Out and Shut Down With the engine at Idle, move mixture control lever slowly toward idle cutoff. Engine RPM should increase by 50+/-20 RPM before engine begins to cut out. Move mixture control lever full aft to shut down engine.	✓	✓	

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The following tables are for recording engine parameters.

Initial Operational Check Engine Parameters

Left Mag Drop	Right Mag Drop	Full power RPM	Full Power MAP	Full Power Fuel Flow	Oil Temp	Oil Pressure	Idle Speed	Mixture Rise
60	40	2650	28.4	27.3	179	61	580	70

Final Operational Check Engine Parameters

Left Mag Drop	Right Mag Drop	Full power RPM	Full Power MAP	Full Power Fuel Flow	Oil Temp	Oil Pressure	Idle Speed	Mixture Rise
40	50	2680	28.8	28.1	165	67	760	80

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Annual Inspection Checklist 2020

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Scheduled Inspection Report			
Make: Cirrus Design	Model: <u>SR22</u> SR22T	Serial Number: 1221	Registration Number: N125BR
Owner:		Date: 3/20/20	
Type of Inspection: <input checked="" type="checkbox"/> Annual <input type="checkbox"/> 100 Hour <input type="checkbox"/> Progressive Inspection Program		Operating Time: 1213.0	

Signature of Mechanic or Inspector _____

Certificate Number _____

Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Pre-Inspection	ATA Ref	50 Hr	Annual/ 100Hr	I	II	III	IV	V
1. Operational/Functional Check Perform an airplane run-up in accordance with Operational/Functional Check in 5-30. Make a record of all malfunctions and abnormalities for reference during the inspection. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities.	05-30		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Review compliance status with current Federal Aviation Regulations. This includes inspection of the following: - Airplane Flight Manual - Aircraft Log Book - Registration Certificate - Weight and Balance Record - FAA Airworthiness Directives - Cirrus Design Service Documents	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Engine Group	ATA Ref	50 Hr	Annual/100 Hr	I	II	III	IV	V
1. 25 Hour Inspection On new, rebuilt, or overhauled engine, perform complete 25-Hour Engine Inspection in accordance with the manufacturer's approved Instructions For Continued Airworthiness. *Special Inspection: Only first 25 hours	Ref CMI/TCM ICA	[*]			[]			
2. Engine Cowling Remove and perform visual inspection for cracks, distortion, loose or missing fasteners and oil filler access door operation.	5-20	[]	✓	[]	[]	[]	[]	[]
3. Engine Compartment Clean and perform Visual Inspection for leaks.	5-20	[]	✓	[]		[]	[]	[]
4. Engine Compartment Visual Inspection for loose nuts, bolts, screws, and parts.	5-20	[]	✓		[]			
5. Wiring Visual Inspection for damaged wiring and clamps.	5-20		✓		[]			
6. Engine Oil Drain and change oil. *Special Inspection: And first 25 hours	12-10	[*]	✓	[]	[]	[]	[]	[]
7. Oil Filter Perform Inspection/Check - Oil Filter Particles.	12-10	[]	✓	[]	[]	[]	[]	[]
8. Lubricate as required in accordance with Lubrication Schedule - Engine Group.	12-20	[]	✓	[]	[]	[]	[]	[]
9. Oil Sump Plug Visual Inspection for condition.	5-20	[]	✓	[]	[]	[]	[]	[]
10. Oil Cooler Fins Clean and perform Visual Inspection for cracking, bending, and general condition.	5-20		✓		[]			
11. High Tension Ignition Harnesses and Leads Visual Inspection for chafing, corrosion, and deposits.	5-20	[]	✓	[]	[]	[]	[]	[]
12. High Tension Ignition Harnesses Functional Inspection of High Tension Ignition Harnesses in accordance with the manufacturer's approved Instructions For Continued Airworthiness.	Ref MFR ICA		✓		[]			

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Select Inspection Program >>>							Traditional Program		Progressive Inspection Phase					
Engine Group (Continued)							ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
Engine Compression Functional Inspection in accordance with the manufacturer's approved Instructions For Continued Airworthiness.							Ref CMI/TCM ICA		✓		[]			
Cyl #	1	3	5	2	4	6								
PSI	74	68	76	76	78	78								
Master Orifice Reading: 42														
Spark Plugs Inspect, clean, re-gap and rotate in accordance with the manufacturer's approved Instructions For Continued Airworthiness.							Ref CMI/TCM ICA		✓		[]			
Magneto Functional Inspection of magneto timing in accordance with the manufacturer's approved Instructions For Continued Airworthiness.							Ref MFR ICA		✓		[]			
Magneto Internal Inspection in accordance with the manufacturer's approved Instructions For Continued Airworthiness							Ref MFR ICA		N/A		[*]			
*Special Inspection: Only every 500 hours.														
Induction System Filter - Serials 22-0002 & subs Visual Inspection for security, general condition, and cleanliness.							5-20		✓	[]	[]	[]	[]	[]
Induction System Filter - Serials 22T-0001 & subs Perform Servicing - Induction Air Filter							71-60		N/A	[]	[]	[]	[]	[]
Fuel Injection Nozzles Visual Inspection of nozzles and manifold valve for fuel stains, security, and proper venting.							5-20		✓		[]			
Fuel Injection Nozzles Remove and clean fuel injection nozzles in accordance with the manufacturer's approved Instructions For Continued Airworthiness.							Ref CMI/TCM ICA		✓		[*]			
*Special Inspection: Only every 300 hours or annually whichever first, and at first 100 hours on new, rebuilt or overhauled engines.														
Gascolator - Serials 22-0002 thru 22-2709, 22-2710 thru 22-3420, 22-3421 & subs, 22T-0001 & subs Perform Servicing - Gascolator							28-20	[*]	✓	[*]	[]	[]	[]	[]
*Special Inspection: And first 25 hours														

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Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Engine Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
22. Gascolator - Serials 22-2710 thru 22-3420 w/ Purolator Gascolator Perform Servicing - Gascolator. *Special Inspection: And first 25 hours	28-20		N/A	[*]	[]	[]	[]	[]
23. Gascolator Red Pop-Up Indicator - Serials 22-2710 thru 22-3420 w/ Purolator Gascolator Visual Inspection to verify red pop-up indicator not visible.	5-20	[]	N/A	[]		[]	[]	[]
24. Fuel Pump Visual Inspection for leaks, security, and condition.	5-20		✓		[]			
25. Fuel Pump Perform Functional Test - Electric Fuel Pump Leak Check	28-20		✓		[]			
26. Flexible Fuel Lines Visual Inspection for leaks, security, and condition.	5-20		✓		[]			
27. Battery 1 - Serials w/ Concorde Battery Inspection/Check - Battery 1 Capacity. *Special Inspection: Only at first 1200 hours or 2 years, whichever first, then every 200 hours or annually, whichever first.	24-30		✓		[*]			
28. Battery 1 - Serials w/ CMI/TCM Battery Perform Electrolyte Level Check. *Special Inspection: Only at first 800 ±50 hours or 11 ±1 months, whichever first, then every 400 ±25 flight hours or 6 ±1 months, whichever first.	12-10		N/A		[*]			
29. Battery Platform, Terminals, and Cables Visual Inspection for security, corrosion, and general condition.	5-20		✓		[]			
30. Cylinder Cooling Fins Visual Inspection for cracking, bending, and general condition.	5-20		✓		[]			
31. Engine Baffling and Seals Visual Inspection for cracks, tears, and rips.	5-20		✓		[]			
32. Crankcase Visual Inspection for condition, leaks, and loose components.	5-20		✓		[]			
33. Air Intake Ducts Visual Inspection for general condition.	5-20		✓		[]			

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Engine Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
34. Alternate Air Door - Serials 22-0002 & subs Visual Inspection for security, condition, and correct operation of alternate air flapper valve.	5-20		✓		[]			
35. Alternate Air Door - Serials 22T-0001 & subs Visual Inspection for security and condition.	5-20		N/A		[]			
36. Throttle, Propeller (as applicable), & Mixture Control Cable Visual Inspection for security and condition of cotter pins, castellated nuts, and oversized washers.	5-20		✓		[]			
37. Exhaust System Visual Inspection for soot, distortion, and general condition.	5-20	[]	✓	[]	[]	[]	[]	[]
38. Exhaust System - Serials 22-0002 & subs Perform Inspection/Check - Exhaust System.	78-20		✓	[]	[]	[]	[]	[]
39. Exhaust System - Serials 22T-0001 & subs Perform Inspection/Check - Exhaust System.	78-20		N/A	[]	[]	[]	[]	[]
40. Exhaust Muffler/Heat Exchanger - Serials 22-0002 & subs Perform Inspection/Check - Heat Exchanger.	78-20		✓		[]			
41. Exhaust System Perform Adjustment/Test - Forward Ball Joints.	78-20		✓		[]			
42. Cabin Heat Box and Ducts Visual Inspection for soot, distortion, and general condition.	5-20		✓		[]			
43. Oil Breather Hose and Relief Hole Visual Inspection for obstructions and security and no sagging of hose between clamp and baffle.	5-20	[]	✓	[]	[]	[]	[]	[]
44. Engine Mount Weldment Visual Inspection for weld cracks, corrosion, bending, distortion, and chaffing.	5-20		✓		[]			
45. Engine Mount Isolators Visual Inspection for cracking, splitting, and general condition.	5-20		✓		[]			
46. Lower Engine Mount Attach Fittings - Serials 22-0821 thru 22-3711 Perform Inspection/Check - Attach Fitting Corrosion.	53-40		✓		[]			
47. Engine Mount Weldment and Lower Mount Attach Fittings Verify torque on attachment bolts. *Special Inspection: Only at first Annual then every 500 hours and after engine installation.	5-20		N/A		[]			

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Engine Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
48. Firewall and Seals Visual Inspection for cracks, condition, and security of attachments.	5-20		✓		[]			
49. Alternators Visual Inspection for security and condition.	5-20		✓		[]			
50. Alternator 1 External Inspection in accordance with the manufacturer's approved Instructions For Continued Airworthiness. *Special Inspection: Every 500 hours or 2 years, whichever occurs first, inspect brushes, insulator and gear clutch assembly per manufacturer's approved Instructions For Continued Airworthiness.	Ref MFR ICA		✓		[*]			
51. Alternator 2 Serials w/ B&C Specialty Products External Inspection in accordance with the manufacturer's approved Instructions For Continued Airworthiness.	REF B&C ICA		✓		[]			
52. Alternator 2 Serials w/ CMI External Inspection in accordance with the manufacturer's approved Instructions For Continued Airworthiness. *Special Inspection: Every 500 hours or 2 years, whichever occurs first, inspect brushes, brush holders, insulators, and aluminum housings per manufacturer's approved Instructions For Continued Airworthiness.	REF MFR ICA		N/A		[*]			
53. Starter Visual Inspection for security and condition.	5-20		✓		[]			
54. Master Control Unit Perform Inspection/Check - Master Control Unit.	24-30		✓		[]			
55. Propeller Governor Visual Inspection for security, evidence of oil leakage, and tightness of lever on governor shaft. Ensure high-RPM stop is hit before cable reaches end of travel.	5-20		✓		[]			
56. Ice Protection Firewall Forward - Fluid Lines, Bulkhead Fittings, Feeder Tube, Brackets, Clamps, and Proportioning Unit Visual Inspection for chafing, leaks, and security.	5-20		✓	[]	[]	[]	[]	[]
57. Air Conditioning Compressor - Serials w/ Air Conditioning System Perform Inspection/Check - Compressor.	21-50		N/A		[]			

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Engine Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
8. Compressor Mount Grommets - Serials w/ Air Conditioning System Visual Inspection for condition.	5-20	[]	N/A	[]	[]	[]	[]	[]
9. Air Conditioning Compressor - Serials w/ Air Conditioning System Perform Adjustment/Test - Compressor Drive Belt Tensioning.	21-50		N/A		[]			
10. Turbocharger - Serials 22T-0001 & subs Perform Inspection/Check - Turbocharger.	81-20		N/A		[]			
11. Wastegate - Serials 22T-0001 & subs Visual Inspection of wastegate actuator and butterfly valve for general condition and freedom of movement.	5-20		N/A		[]			
12. Engine Heat Shields - Serials 22T-0001 & subs Visual Inspection for security and condition.	5-20		N/A		[]			

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Propeller Group	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
1. Spinner Remove, clean and perform Visual Inspection for cracks and corrosion.	5-20		✓		[]			
2. Blades Visual Inspection for nicks, bends, cracks, gouges, erosion, and condition of tips.	5-20		✓	[]	[]	[]	[]	[]
3. Blades Inspect blades for radial play or movement of blade tip.	61-10		✓		[]			
4. Blades If blade track problem is suspected, inspect blade tracking.	61-10		✓		[]			
5. Propeller Hub Visual Inspection for cracks, corrosion, leaking oil or grease.	5-20		✓		[]			
6. Lubricate as required in accordance with Lubrication Schedule - Propeller Group.	12-20		✓		[]			
7. Slinger Ring Assembly Perform Operational Check - Slinger Ring Assembly.	30-60		✓		[]			
8. Anti-Ice Propeller Boot Visual Inspection for condition and security.	5-20		✓		[]			
9. Blade Feed Tube Perform Inspection/Check - Blade Feed Tube Orientation.	30-60		✓		[]			
10. Slinger Ring Feed Tube Perform Inspection/Check - Slinger Ring Feed Tube Orientation.	30-60		✓		[]			

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Cabin Group	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
1. Cabin Access Panels When Cabin Access Panels are removed during the cabin group inspection, it is recommended that the panels be removed one at a time, the access area cleaned, inspected, and if no discrepancies are found, the panel reinstalled.	06-00		✓					[]
2. Cabin Windows and Windshield Clean and Visual Inspection for cracking, crazing, and general condition.	5-20		✓				[]	
3. Magnetic Compass Visual Inspection for security, clarity of glass, and signs of oil leakage. Inspect deviation card for presence and legibility of all headings.	5-20		✓					[]
4. Placards and Instrument Markings Visual Inspection for conformity, security, and condition.	11-30		✓					[]
5. Fire Extinguisher Perform Inspection/Check - Fire Extinguisher. *Special Inspection: And monthly.	26-20		✓					[*]
6. Fire Extinguisher - Serials w/ Gaged Fire Extinguisher Perform Annual Maintenance in accordance with the manufacturer's approved Instructions For Continued Airworthiness.	REF MFR ICA		✓		[]			
7. Fire Extinguisher - Serials w/ Gaged Fire Extinguisher Perform 6-Year Maintenance in accordance with the manufacturer's approved Instructions For Continued Airworthiness. *Special Inspection: Only every 6 years.	REF MFR ICA		N/A					[*]
8. Fire Extinguisher - Serials w/ Gaged Fire Extinguisher Perform 12-Year Hydrostatic Test in accordance with the manufacturer's approved Instructions For Continued Airworthiness. *Special Inspection: Only every 12 years.	REF MFR ICA		N/A					[*]

Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Cabin Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
9. Cabin Access: Remove Glareshield. Remove MFD - Serials w/o Perspective Avionics Only Remove Cabin Seats. Remove Cabin Carpet. Remove Kickplates. Remove Center Bolster Trim. Remove RH Mid-Console Trim. Remove 222 Bulkhead Interior Trim	25-10 31-60 25-10 25-10 25-10 25-10 25-10 25-10		✓					[]
10. Upholstery Visual Inspection for security.	5-20		✓					[]
11. Lubricate as required in accordance with Lubrication Schedule - Cabin Group.	12-20	[]	✓	[]	[]	[]	[]	[]
12. Crew Seats Perform Inspection/Check - Crew Seats.	25-10		✓			[800]		[]
13. Crew Seat Harness Perform Inspection/Check - Crew Seat Harness.	25-10		✓			[800]		[]
14. Passenger Seat Harness Perform Inspection/Check - Passenger Seat Harness.	25-10		✓			[800]		[]
15. Seat Belt Inertia Reels Visual Inspection for security of brackets and bolts.	5-20		✓			[800]		[]
16. Seat Rails and Track Visual Inspection for condition.	5-20		✓			[800]		[]
17. Instrument Panel Visual Inspection for security of lines and wiring.	5-20		✓					[]
18. Avionics Visual Inspection of components, wiring, and for security.	5-20		✓					[]
19. Control Yokes Visual Inspection for excessive play, security, and proper operation. Verify no noticeable freeplay in elevator or aileron input.	5-20		✓					[]
20. Ignition Switch and Electrical Harness Visual Inspection for damage, condition, and security.	5-20		✓					[]
21. Ignition Switch Perform Servicing - Ignition Switch.	74-30		N/A					[*]

*Special Inspection: Only every 2000 hours.

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Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Cabin Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
22. Rudder Pedals Visual Inspection for excessive play, security, and proper operation. Verify no noticeable freeplay in rudder or aileron input. Verify interior panels are secure to side walls and do not interfere with rudder pedal movement throughout the rudder pedal's full range of movement.	5-20		✓					[]
23. Rudder Pedal Torque Tube Bracket Perform Inspection/Check - Torque Tube Gap Tolerance.	27-20		✓			[800]		[]
24. Brake Master Cylinders Visual Inspection for leaks and security.	5-20		✓			[800]		[]
25. Flexible Brake Hoses Visual Inspection for leaks, security, and condition.	5-20		✓			[800]		[]
26. Parking Brake Valve and Control Cable Linkage Visual Inspection for leaks, security, chafing, and condition.	5-20		✓			[800]		[]
27. Cabin Air Control Assembly - Serials 22-2438 & subs w/o Perspective Avionics Perform Inspection/Check - Cabin Air Control Assembly *Special Inspection: Only every 500 hours or 5 years whichever first.	21-60		N/A				[*]	
28. Control Quadrant Perform Servicing - Control Quadrant.	76-10		✓					[]
29. Fuel Lines, Valves, and Gages Visual Inspection for chafing, obstruction, security, and general condition.	5-20		✓					[]
30. Cabin Doors Visual Inspection for general condition, operation, and security. Check latches, hinges, and seals for condition and security.	5-20		✓				[]	
31. Air Ducts, Electrical Leads, and Attaching Parts Visual Inspection for security, routing, chafing, deterioration, wear, and correct installation.	5-20		✓					[]
32. Pitot-Static System Floor and Center Console Water Traps Visual Inspection for contamination, obstruction or blockage.	5-20		✓			[800]		[]
33. Stall Warning Water Trap Visual Inspection for contamination, obstruction or blockage.	5-20		✓			[800]		[]
34. Circuit Breakers Perform Functional Check - Redundant Circuit Breakers.	24-50		✓					[]

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Cabin Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
Transient Voltage Suppressors - Serials w/o Perspective Avionics Perform Inspection/Check - Transient Voltage Suppressor.	24-50		✓			[800]		[]
Transient Voltage Suppressors - Serials w/ Perspective Avionics Perform Inspection/Check - Transient Voltage Suppressor.	24-50		N/A			[800]		[]
Transient Voltage Suppressors - Serials w/ Perception Perform Inspection/Check - Aft Transient Voltage Suppressor.	24-50		N/A			[800]		[]
Electrical Bonding and Shielding - Serials w/ Perspective Avionics Perform Inspection/Check - Electrical Bonding & Shielding. *Special Inspection: Only every 1000 hours or 10 years whichever first.	51-80		N/A					[*]
39. Wing Attachment Bolts Visual Inspection for condition, fit, and evidence of distress.	5-20		✓					[]
40. Cable Attachments, Cables, and Pulleys Visual Inspection for security, chafing, wear, and general condition.	5-20		✓					[]
41. Rudder-Aileron Interconnect Bungee Cord - Serials 22-0002 thru 22-2437 Visual Inspection for cord fraying, narrowing, and general condition.	5-20		✓			[800]		[]
42. GSA 80 Yaw Servo - Serials w/ Perspective Avionics Visual Inspection for condition and security.	5-20		N/A					[]
43. GSA 80 Yaw Servo - Serials w/ Perspective Avionics Perform Inspection/Check - GSA 80 Servo Actuator. *Special Inspection: Only every 1000 hours or 3 years whichever first.	22-12		N/A					[*]
44. GSA 81 Roll and Pitch Servos - Serials w/ Perspective Avionics Visual Inspection for condition and security.	5-20		N/A					[]
45. GSA 81 Roll and Pitch Servos - Serials w/ Perspective Avionics Perform Inspection/Check - GSA 81 Servo Actuator. *Special Inspection: Only every 1000 hours or 3 years whichever first.	22-12		N/A					[*]

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Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Cabin Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
46. GSM 85A/86 Roll, Yaw, & Pitch Servo Mounts - Serials w/ Perspective Avionics Visual Inspection for condition and security.	5-20		N/A					[]
47. GSM 85A - w/ software version prior to 0764.08 Perform Adjustment/Test - GSM 85A Servo Mount Torque GSM 85A - w/ software version 0764.08 or later Perform Adjustment/Test - GSM 85A/86 Servo Clutch Test *Special Inspection: Only every 1000 hours or 2 years whichever first.	22-12		N/A					[*]
48. GSM 86 - w/ software version prior to 0764.08 Perform Adjustment/Test - GSM 85A Servo Mount Torque GSM 86 - w/ software version 0764.08 or later Perform Adjustment/Test - GSM 85A/86 Servo Clutch Test *Special Inspection: Only every 3000 hours or 2 years whichever first.	22-12		N/A					[*]
49. Flap Actuation Motor and Attach Bracket Visual inspection for condition and security.	5-20		✓			[800]		[]
50. Fuselage Drainage Holes Visual Inspection for obstructions or blockage.	12-30		✓				[]	
51. Cirrus Airplane Parachute System Perform Inspection/Check - Cirrus Airplane Parachute System	95-00		✓				[]	
52. CAPS Activation Handle Mount and Cable Visual Inspection security, chafing, and wear.	5-20		✓				[]	
53. Magnetometer - Serials w/ Perspective Avionics Perform Adjustment/Test - GMU 44 Magnetometer Calibration. *Special Inspection: Only every 2 years.	34-20		N/A					[*]
54. Magnetometer - Serials w/o Perspective Avionics Perform Functional Test - Magnetometer Calibration. *Special Inspection: Only every 2 years.	34-20		N/A					[*]
55. Emergency Locator Transmitter - Serials w/ ACK E-01 ELT Perform Inspection/Check - ELT.	25-60		✓					[]
56. Emergency Locator Transmitter - Serials w/ Artex ME406 ELT Perform Inspection/Check - ELT.	25-60		N/A					[]

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Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Cabin Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
57. Emergency Locator Transmitter - Serials w/ Artex ELT 1000 Perform Inspection/Check - ELT.	25-60		N/A					[]
58. Air Conditioning Evaporator - Serials w/ Air Conditioning System Perform Inspection/Check - Evaporator.	21-50		N/A					[]
59. Air Conditioning Condenser - Serials w/ Air Conditioning System Perform Inspection/Check - Condenser.	21-50		N/A					[]
60. Air Conditioning Lines and Hoses - Serials w/ Air Conditioning System Visual Inspection for leaks, security, and condition.	5-20		N/A					[]
61. Aircraft Data Logger System - Serials 22-2710, 22-2750 & subs w/o Perspective Avionics Perform Operational Test - Aircraft Data Logger System.	31-30		N/A					[]
62. Aircraft Data Logger System - Serials w/ Perspective Avionics Perform Operational Test - Aircraft Data Logger System.	31-30		N/A					[]
63. Altimeter Visual and Functional Inspection for condition and calibration in accordance with 14 CFR 91.411. *Special Inspection: Only every 2 years.	14 CFR 91411		✓					[*]
64. Altimeter Perform Adjustment/Test - Altimeter. *Special Inspection: Only every 2 years.	34-10		✓					[*]
65. Transponder Visual and Functional Inspection for condition and calibration in accordance with 14 CFR 91.413. *Special Inspection: Only every 2 years.	14 CFR 91413		✓					[*]
66. Ice Protection Proportioning Units and Plumbing Visual Inspection for chafing, leaks, security, and condition.	5-20		✓					[]
67. Ice Protection Flow Transducer - Serials w/ FIKI Perform Functional Test - Flow Transducer.	30-07		N/A					[]
68. Ice Protection Low Pressure Switches - Serials w/ FIKI Perform Functional Test - Low Pressure Switches.	30-07		N/A					[]

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Cabin Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
69. Ice Protection Deicing Fluid Level Sensor - Serials w/ Basic ² Ice Protection Perform Functional Test - Deicing Fluid Level Sensor.	30-06		N/A				[]	
70. Ice Protection Deicing Fluid Level Sensor - Serials w/ FIKI Perform Functional Test - Deicing Fluid Level Sensor.	30-07		N/A				[]	
71. Ice Protection Filter(s) Visual Inspection for security and leaks.	5-20		✓				[]	
72. Ice Protection In-Line Strainer - Serials 22-2438 & subs, 22T-0001 & subs w/ Basic ² Ice Protection Perform Servicing - In-Line Strainer. *Special Inspection: Only every 2 years or 1200 hours whichever first.	30-06		N/A				[*]	
73. Ice Protection In-Line Strainer - Serials w/ FIKI Perform Servicing - In-Line Strainer. *Special Inspection: Only every 2 years or 1200 hours whichever first.	30-07		N/A				[*]	
74. Ice Protection Pump - Serials 22-0334 thru 22-2437 w/ Basic Ice Protection Visual Inspection of Metering Pump for security and leaks.	5-20		✓				[]	
75. Ice Protection Pumps - Serials 22-2438 & subs, 22T-0001 & subs w/ Basic ² Ice Protection Visual Inspection of Metering Pump and Priming Pump for security and leaks.	5-20		N/A				[]	
76. Ice Protection Pumps - Serials w/ FIKI Visual Inspection of Metering Pump 1, Metering Pump 2, and Windshield Pump for security and leaks	5-20		N/A				[]	
77. Ice Protection Fluid Tank, Drain Block, and Drain Valve - Serials 22-0334 thru 22-2437 w/ Basic Ice Protection Visual Inspection for security and leaks.	5-20		✓				[]	

Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Radio Group	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
1. Radio and Electronic Equipment Visual Inspection for proper installation, clearance, and security.	5-20		<input checked="" type="checkbox"/>					[]
2. Wiring Visual Inspection for proper clearance, chafing, fraying, and routing.	5-20		<input checked="" type="checkbox"/>					[]
3. Bonding and Shielding Visual Inspection for proper installation and condition.	5-20		<input checked="" type="checkbox"/>					[]
4. Antennas Visual Inspection for condition and security.	5-20		<input checked="" type="checkbox"/>					[]

Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Fuselage and Empennage Group	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
1. Exterior Placards Visual Inspection for conformity, security, and condition.	11-20		✓				[]	
2. Empennage Access Panels Remove Empennage Access Panels LE1, LE2, RE1, RE2, RE3.	06-00		✓				[]	
3. Lubricate as required in accordance with Lubrication Schedule - Fuselage and Empennage Group.	12-20	[]	✓	[]	[]	[]	[]	[]
4. Skin Visual Inspection for general condition, deterioration, delamination, distortion, cracks, paint condition, and other evidence of failure.	5-20		✓				[]	
5. CAPS Exit Cover Visual Inspection of perimeter for cracking or crazing, and placard condition.	5-20		✓				[]	
6. Vertical Stabilizer and Rudder Surfaces Visual Inspection for distortion, and condition.	5-20		✓				[]	
7. Rudder System - Serials 22-0002 thru 22-0497 Perform Inspection/Check - Rudder System Rigging.	27-20		N/A			[800]		[]
8. Rudder System - Serials 22-0498 & subs, 22T-0001 & subs Perform Inspection/Check - Rudder System Rigging.	27-20		✓			[800]		[]
9. Rudder Bearings, Hinges, Horn, and Attachments Visual Inspection for security, condition, and freedom of movement.	5-20		✓				[]	
10. Horizontal Stabilizer and Elevator Surfaces Visual Inspection for distortion, and condition.	5-20		✓				[]	
11. Horizontal Stabilizer Access Panels and Inspection Hole Covers Visual Inspection for condition and security.	5-20		✓				[]	
12. Elevator System - Serials 22-0002 thru 22-0497 Perform Inspection/Check - Elevator System Rigging.	27-30		N/A			[800]		[]
13. Elevator System - Serials 22-0498 & subs, 22T-0001 & sub Perform Inspection/Check - Elevator System Rigging.	27-30		✓			[800]		[]
14. Elevator Pitch Trim Cartridge - Serials 22-0002 thru 22-0754 Perform Servicing - Pitch Trim Cartridge Lubrication.	27-30		N/A				[]	
15. Elevator Bearings, Hinges, Horn, and Attachments Visual Inspection for wear, condition, and freedom of movement.	5-20		✓				[]	

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Wing Group	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
1. Wing Access Panels The following Wing Access Panels are removed during the cabin group inspection. It is recommended that the panels be removed one at a time, the access area cleaned, inspected, and if no discrepancies are found, the panel reinstalled. <ul style="list-style-type: none"> Serials 22-0002 thru 22-2333, 22-2335 thru 22-2419, 22-2421 thru 22-2437: LW1, LW2, LW4, LW5, LW6, LW7, LW8, LW9, LW12, LW13, LW14, LW15, LW16, and RW1, RW2, RW4, RW5, RW6, RW7, RW8, RW9, RW12, RW13, RW14, RW16. Serials 22-2334, 2420, 2438 & subs, 22T-0001 & subs w/o Ice Protection: LW1, LW2, LW4, LW5, LW9, LW10, LW11, LW12, LW13, and RW1, RW2, RW4, RW5, RW9, RW10, RW12, RW13. Serials 22-2438 & subs, 22T-0001 & subs w/ Basic² Ice Protection: LW1, LW4, LW5, LW9, LW10, LW11, LW12, LW13, and RW1, RW2, RW4, RW5, RW9, RW10, RW12, RW13. Serials w/ FIKI: LW1, LW4, LW5, LW9, LW10, LW11, LW12, LW13, and RW1, RW4, RW5, RW9, RW10, RW12, RW13. 	06-00		✓	[]				
2. Lubricate as required in accordance with Lubrication Schedule - Wing Group.	12-20	[]	✓	[]	[]	[]	[]	[]
3. Skin Visual Inspection for general condition, deterioration, delamination, distortion, cracks, paint condition, and other evidence of failure.	5-20		✓	[]				
4. Walkway Visual Inspection for condition.	5-20		✓	[]				
5. Wing Leading Edge and Stall Strips Visual Inspection for foreign matter and debris.	5-20		✓	[]				
6. Stall Warning Lift Transducer - Serials w/ FIKI Perform Functional Test - Stall Warning Lift Transducer.	27-31		N/A	[]				
7. Enhanced Vision System - Serials w/ Perspective Avionics Visual Inspection for general condition, cleanliness, and security.	5-20		N/A	[]				
8. Aileron Surfaces Visual Inspection for distortion, and condition.	5-20		✓	[]				
9. Aileron Actuation Arm Visual Inspection for safetying, and condition.	5-20		✓	[]				

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Wing Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
10. Wing Tips Remove. Clean and perform Visual Inspection for cracking, rubbing, and general condition.	57-20		✓	[]				
11. Aileron Hinges, Hinge Bolts, Bearings, and Attachments Visual Inspection for security, freeplay, and binding.	5-20		✓			[]		[]
12. Aileron System Rigging Perform Inspection/Check - Aileron System Rigging.	27-10		✓			[800]		[]
13. Flap Hinges, Hinge Bolts, Bearings, Rub Strips, and Attachments Visual Inspection for wear, security, freeplay, binding, and corrosion.	5-20		✓	[]				
14. Flap System Perform Inspection/Check - Flap System Rigging.	27-50		✓					[]
15. Pitot Mast and Static Lines Visual Inspection for security, condition, and obstruction.	5-20		✓	[]				
16. Fuel Lines Visual Inspection for chafing, obstruction, security, and general condition.	5-20		✓	[]				
17. Fuel Tank Vents Visual Inspection for condition and obstruction.	5-20		✓	[]				
18. Fuel Cap Perform Functional Test - Fuel Cap Assembly Ground Resistance.	28-10		✓	[]				
19. Ice Protection Drain Valve(s) Visual Inspection for security and leaks.	5-20		✓	[]				
20. Air Ducts, Electrical Leads, Lines, and Attaching Parts Visual Inspection for security, routing, chafing, deterioration, wear, and correct installation.	5-20		✓	[]				
21. Aft Wing Attach Bracket Visual Inspection for corrosion. If corrosion evident, contact Cirrus Design for disposition. Reference 57-40 for access instructions.	5-20		✓	[]				
22. Visual inspection of both interior and exterior fittings for loose hardware, signs of joint wear, or relative movement between interior fitting and aft floor/fuselage skin or exterior fitting and fuselage skin. *Special Inspection: Every 300 hours or annually whichever first. If any of the above conditions are found, perform Approved Repair - Aft Wing Attachment.	57-10		✓		[*]	[800]		

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Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Landing Gear Group	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
1. Main Landing Gear Fairings Remove. Clean and perform Visual Inspection on fairings and anti-chafe spacers for cracking, rubbing, and general condition.	5-20		✓			[]		
2. Nose Landing Gear Fairing Remove. Clean and perform Visual Inspection for cracking, rubbing, and general condition.	5-20		✓			[]		
3. Tires Inspect for proper tire pressure.	12-10		✓	[]	[]	[]	[]	[]
4. Brake Disk/Disc Visual Inspection for corrosion, security, and general condition.	5-20		✓			[]		[800]
5. Brake Linings - Serials 22-0002 thru 22-4045 before SB2X-32-21, 22T-0001 thru 22T-0689 before SB2X-32-21 Using mirror, check brake lining for deterioration and maximum permissible wear. See Inspection/Check - Brake Linings for maximum permissible wear.	32-42	[]	✓	[]	[]	[]	[]	[]
6. Brake Pads - Serials 22-0002 thru 22-4045 after SB2X-32-21, 22-4046 & subs, 22T-0001 thru 22T-0689 after SB2X-32-21, 22T-0690 & subs Using mirror, check brake pads for deterioration and maximum permissible wear. See Inspection/Check - Brake Pads for maximum permissible wear.	32-42	[]	N/A	[]	[]	[]	[]	[]
7. Brake Assembly Perform Inspection/Check - Brake Assembly Serials 0002 thru 3450 before SB 2X-05-01 - Replace O-rings upon reassembly.	32-42		✓			[]		[800]
8. Brake Fluid Reservoir Replenish.	12-10	[]	✓	[]	[]	[]	[]	[]
9. Brake Lines and Hoses Visual Inspection for leaks, chafing, security, and condition.	5-20		✓			[]		[800]
10. Lubricate as required in accordance with Lubrication Schedule - Landing Gear Group.	12-20	[]	✓	[]	[]	[]	[]	[]
11. Wheels Visual Inspection for cracks, corrosion, and broken bolts.	5-20		✓	[]	[]	[]	[]	[]
12. Wheels Remove, Visual Inspection for condition, repack bearings.	5-20		✓			[]		[800]

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Select Inspection Program ———>>>		Traditional Program		Progressive Inspection Phase				
Landing Gear Group (Continued)	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
Nose Gear Puck Stack Assembly - Serials 22-0002 thru 22-3711 Visual Inspection of pucks for cracking or splitting. Ensure attach bolts are perpendicular to puck tray and puck stack-up is in alignment.	5-20		✓			[]		[800]
Nose Gear Puck Stack Assembly - Serials 22-0002 thru 22-3711 Perform Inspection/Check - Nose Gear Puck Stack Assembly.	32-20		✓			[]		[800]
Nose Gear Assembly Perform Inspection/Check - Nose Gear Assembly.	32-20		✓			[]		[800]
Nose Gear Oleo Strut - Serials 22-3712 & subs, 22T-0001 & subs Perform Inspection/Check - Oleo Strut.	32-20	[]	N/A	[]	[]	[]	[]	[]
Nose Gear Oleo Strut - Serials 22-3712 & subs, 22T-0001 & subs Perform Adjustment/Test - Oleo Strut.	32-20		N/A			[]		[800]
Main Gear Assembly - Serials 22-0002 thru 22-2437 Perform Inspection/Check - Main Gear Assembly.	32-10		✓			[]		[800]
Main Gear Assembly - Serials 22-2438 & subs, 22T-0001 & subs Perform Inspection/Check - Main Gear Assembly.	32-10		N/A			[]		[800]
Main Gear Assembly - Serials 22-2438 & subs, 22T-0001 & subs Perform Inspection/Check - Main Gear Gap Measurement.	32-10		N/A			[]		[800]

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Select Inspection Program —————>>>		Traditional Program		Progressive Inspection Phase				
Return to Service	ATA Ref	50 Hr	Annual/ 100 Hr	I	II	III	IV	V
1. Lubricate as required in accordance with Lubrication Schedule - Miscellaneous Items.	12-20	[]	✓	[]	[]	[]	[]	[]
2. Close Access:								
Install Main Landing Gear Fairings.	32-10					[]		
Install Nose Landing Gear Fairing.	32-20					[]		
Install Spinner.	61-10				[]			
Install Cabin Access Panels.	06-00							[]
Install Cabin Carpet.	25-10							[]
Install RH Mid-Console Trim.	25-10							[]
Install Center Bolster Trim.	25-10							[]
Install Kickplates.	25-10		✓					[]
Install Cabin Seats.	25-10							[]
Install Glareshield.	25-10							[]
Serials w/o Perspective Avionics: Install MFD.	31-60							[]
Install 222 Bulkhead Interior Trim.	25-10							[]
Install Empennage Access Panels.	06-00						[]	
Install Wing Access Panels.	06-00			[]				
Install Aileron Cove Access Panel.	06-00			[]				
Install Wing Tips.	57-20			[]				
3. Verify all Airworthiness Directives complied with and airplane papers in proper order:								
- Airworthiness Certificate	14		✓					
- Registration	CFR	[]		[]	[]	[]	[]	[]
- Operating Handbook	91.403							
- Weight and Balance								
4. Fuel Injection System - Serials 22-0002 & subs								
Functional Inspection of Fuel Injection System in accordance with CMI/TCM Service Information Directive 97-3.	Ref		✓		[*]			
*Special Inspection: And after engine install or fuel system component replacement.	CMI/TCM ICA							
5. Fuel Injection System - 22T-0001 & subs								
Functional Inspection of Fuel Injection System in accordance with CMI/TCM Service Information Directive 97-3 and Functional Test - Fuel Pump Setup.	Ref		N/A		[*]			
*Special Inspection: And after engine install or fuel system component replacement.	CMI/TCM ICA 73-20							
6. Perform an airplane run-up in accordance with Operational/Functional Check in 5-30.								
After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities.	05-30		✓	[]	[]	[]	[]	[]
7. Install Engine Cowling.	71-10	[]	✓	[]	[]	[]	[]	[]

EFFECTIVITY:
All

05-20
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1 Approving Civil Aviation

2

Authorized Release Certificate

3 Form Tracking Number:

Authority/Country:

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

N125BR
29977

FAA / UNITED STATES

4 Organization Name and Address:

C J AVIATION, INC. 12215 SW 131 AVE. MIAMI, FL. 33186 YPGR715L

5 Work Order/ Contract/ Invoice Number:

29977

6. Item 7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work:

1 Fuel Pump

5217-00-3

1

2342

OVERHAULED

12. REMARKS: Maintenance Release: The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired or overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5330. Detail of work accomplished in work order: See Block 5.

Manual No: CJ2013-01

Revision No: B

Revision Date: 20-Jan-2014

AD Detail:

SB Detail:

13a. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in condition for safe operation.☐ Non-approved design data specified in Block 12.14a. ☒ 14 CFR 43.9 Return to Service☒ Other regulations specified in Block 12

Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work the items are approved for return to service.

13b. Authorized Signature::

N/A

13c. Approval/Authorization No.:

N/A

14b. Authorized Signature:

14c. Approval/Certificate No.:

YPGR715L

13d. Name (Typed or Printed):

N/A

13e. Date:

N/A

14d. Name (Typed or Printed):

Cindy Cuare

14e. Date:

27-JAN-2020

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different that the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.