

ERA24FA110

AIRWORTHINESS

Group Chair's Factual Report - Attachment 1

HAI operator's certificate

May 8, 2025

ACE AVIAITION SERVICES, CORP PART 135 CONFIGURATION INSPECTION

Note: This form is derived from AC 135-44 Appendix A

SECTION 1		AIRCRAFT & OPERATOR INFORMATION				☐ Check if this is an UPDATE/REVISION					
1.1 OPERATOR AND AIRCRAFT INFORMATION	Legal Name: Ace Aviation Services, Corp.					Certificate Number: V6NA918J					
	Registered Owner Enter exactly as shown on the registration certificate (see NOTE below)		AVEX V LLC TRUSTEE								
	Address		5525 NW 15TH AVE STE 301A								
	City/State/Zip		FORT LAUDERDALE FL		33309-2704						
	Aircraft Make		Complete Model & Series Number		Serial No		Registration Number				
	Bombardier		Challenger 604		5584		N 823KD				
	Date of Manufacture or Construction (from the data plate if available) or Date of Original Airworthiness Certificate (Maintenance Record Entry)					May 14th, 2004 Feb 02, 2005					
	Airport Designator		Configuration Check One		Passenger Seats		Class of Operation		Condition		
Ops Base FXE		☐ All Cargo ☐ Combi ☐ Passenger ☒ PAX & Cargo		Certificated 22 Installed 12		☐ SEL ☐ SES ☐ SEL/SES ☐ Amphibian		☒ MEL ☐ MES ☐ MEL/MES ☐ Rotorcraft		☒ IFR ☒ FR/VFR ☒ Day/Night ☐ Day Only	
Maint. Base (Records) FXE											

NOTE: The registered aircraft owner(s) legal name must be identical to the certificate holder's legal name or you must provide a copy of a lease or other agreement that shows how the air carrier will control the operation and maintenance of the aircraft. See FAA Guidance on Leases.

1.2 SCHEDULE OF EVENTS If an event or item is applicable, please enter your estimated date, otherwise leave blank.	Certification Phase 3—DOCUMENT COMPLIANCE		Certification Phase 4—DEMONSTRATION & INSPECTION (All documents must be approved or found acceptable before this phase)	
	Event	Planned Submission Date	Event	Planned Date(s)
	Deviation Request (For Proving Test Flights)	N/A	Pilot Training	N/A
	Pilot Training Program/Revision	N/A	Flight Attendant Training (As Required)	N/A
	Flight Attendant Training Program/Revision (As Required)	N/A	Maintenance Training [10-or More 135.411(a)(2)]	N/A
	Maintenance Training Program [10-or More 135.411(a)(2)]	N/A	FAA Verification of Operator's Conformity Inspection (The aircraft must be ready for operations in accordance with part 135)	N/A
	Plan for Proving Test or Validation	N/A	Proving Test Flights	N/A
	Final Compliance Statement	N/A	Pilot Testing and Checking	N/A
	Economic Authority, any changes to air taxi aircraft registration and insurance require using OST Forms 4507 and 6410, respectively (refer to AC 135-44, Table 1, step 7)	5/17/2021	Flight Attendant Testing	N/A
			Validation Test Flights	N/A
		Other:	N/A	
PHASE 5 FAA CERTIFICATION and/or OPSPECS			PROPOSED COMPLETION DATE 5/27/2021	

1.3 CONTACT INFORMATION	Director of Maintenance	Name	Phone	Email	Fax
	Director of Operations				

ACE AVIAITION SERVICES, CORP PART 135 CONFIGURATION INSPECTION

SECTION 2	AIRWORTHINESS LIMITATIONS FOR OPERATIONS SPECIFICATIONS PART D FOR THIS AIRCRAFT				
NOTE: This information is for aircraft maintenance and airworthiness part D operations specifications. Part numbers and document numbers must be complete and accurate.					
2.1 ADDITIONAL REQUIRED AIRCRAFT INFORMATION For Operations Under § 135.411(a)(1) Only Refer to AC 135-7 (as revised) for Guidance	AIRCRAFT: Enter the aircraft manufacturer's maintenance document identification number or part number here:		Aircraft Maintenance Manual Read Note 1	Aircraft Maintenance Manual (Part 2) Publication No. CH 604 AMM	
			Revision Level	91	
			Date	March 18th, 2021	
	Item	Make & Model	Maintenance/Overhaul Document ID or Part Number Read Note 1	Time-In-Service Document ID or Part Number Read Note 2	Time-In-Service Interval
	ENGINE (Left or Single Engine)	GE CF34-3B	SEI780	604 TLMC/SEI780	On Condition
	ENGINE (Right if applicable)	GE CF34-3B	SEI780	604 TLMC/SEI780	On Condition
	PROPELLER/ROTOR (Left or Single Engine)				
	PROPELLER/ROTOR (Right if applicable)				
	PROPELLER GOVERNOR (Left or Single Engine)				
PROPELLER GOVERNOR (Right if applicable)					
PRIMARY GOVERNOR					
OVERSPEED GOVERNOR					

NOTE 1 Please enter the exact name, identification or part number, revision level, and date of the publication(s) under which the item will be maintained (normally these are the airframe and the engine, propeller, and governor service manuals).

☒ Include a copy of the front page of each maintenance document and copies of relevant supporting records.

NOTE 2 Please identify the manufacturer's publication(s) by exact number and title that specify the overhaul/replacement time, or time-in-service interval for the item. (This information is often located in a service bulletin.)

☒ Include a copy of the front page of each maintenance document and copies of relevant supporting records.

2.2 MAINTENANCE & INSPECTION HISTORY	Parts 43 & 91	Before this application, the aircraft was maintained and inspected under the following maintenance and/or inspection programs: (Please check)	
		☐ Annual Inspections, 91.409(a) ☐ Progressive Inspections, 91.409(d)	☐ 100-Hour Inspections, 91.409(b) ☐ Last 91.411 and 91.413 Inspection
		☐ CAMP/CAIP [121 or 135.411(a)(2)], 91.409(f)(1) ☐ AAIP Under 135.419 and 91.409(c)(2) or (f)(2)	☒ Manufacturer's Program, 91.409(f)(3) ☐ Other Approved Program, 91.409(f)(4)

ACE AVIAITON SERVICES, CORP PART 135 CONFIGURATION INSPECTION

2.3 INTENDED (NEW) MAINTENANCE & INSPECTION PROGRAM UNDER PART 135	135.411	Under our air carrier certificate, the aircraft will be inspected and maintained as indicated below: ☐ § 135.411(a)(1) Maintained according to parts 43 and 91 and inspected under (select one): ☐ Annual inspections and 100-hour inspections under § 91.409(a) and (b) ☐ Progressive inspections under § 91.409(d) ☐ Approved Aircraft Inspection Program (AAIP) under § 135.419 and § 91.409(c)(2) or (f)(2) ☐ Current inspection program recommended by the manufacturer under § 91.409(f)(3) OR ☒ § 135.411(a)(2) ☐ Inspected and maintained according to a Continuous Airworthiness Maintenance Program (CAMP) under § 91.409(f)(1) and §§ 135.427 through 135.443 (required for 10-or-more pax aircraft, optional for others)
2.4 ANTICIPATED AIRCRAFT USE	ESTIMATED TOTAL (Parts 91 and 135) TAKEOFFS PER MONTH 30 ESTIMATED TOTAL (Parts 91 and 135) FLIGHT HOURS PER MONTH 60	

2.5 EMERGENCY EQUIPMENT [135.421] Refer to AC 135-7 (as revised) for guidance.				A/C Make/Model CL 604 Registration N 823KD
Item	Part Number	Description or Part Name	Manufacturer's Maintenance Document	Life Limits or Inspection Intervals
Portable Breathing Equip (PBE)	MR10042N	PBE	STLMC S/N 5584	12 / 120 MOS
Smoke-Masks/ Goggles/Hoods	MR-10008N	Crew Smoke Hood	STLMC S/N 5584	120 Mos
Eng Fire Ext	899486-2	Engine Fire Extinguisher	CH604 TLMC	24 Mos/60 Mos
Eng Fire Ext Squibs	897776-01	Fire Ext Cartridge	CH604 TLMC	120 Mos
N2 Blow-Down Bottles	N/A	N/A	N/A	N/A
Squib for N2 Bottle	N/A	N/A	N/A	N/A
Portable O2 Equipment	5600-9C1AY0N	Portable O2 Bottle	STLMC S/N 5584	60 Mos
Crew O2 Masks	MC10-13-03	Crew O2 Mask	CH604 TLMC	36Mos/72 Mos
Pax O2 Masks	833-626-1	Oxygen Double Box	STLMC S/N 5584	36 Mos
O2 Cylinder	895-25015	O2 Bottle/Reg Assy	CH604 TLMC	60 MOS / 288 MOS
O2 Pressure Regulators	895-25015	O2 Bottle/Reg Assy	CH604 TLMC	60 Mos/ 288 Mos
O2 Generators	N/A	N/A	N/A	N/A
Emergency Power Supplies, List Each	60-1321-1	Fwd Emer Pwr Supply	CH604 TLMC	12 Mos
☒ List any Other Emergency Equipment not listed on this page on another sheet.				

Part Number	Description or Part Name	Manufacturer's Maintenance Document	Life Limits or Inspection Intervals
135.155 PORTABLE FIRE EXTINGUISHERS			
Make/Model	Aircraft Location		
CASP 3lb Halon 1211/30H673	Cockpit		12 MOS / 72 MOS / 144 MOS
CASP 3lb Halon 1211/30H673	L/H Forward Closet		12 MOS / 72 MOS / 144 MOS
Kidde 12lb Halon 1211/466090A	Cabin- LH Aft Pyramid Cabinet (Qty 2)		12 MOS / 72 MOS / 144 MOS
91.205(b)(12) FOR OPERATIONS BEYOND POWER-OFF GLIDING DISTANCE FROM SHORE			
Approved Personal Floatation Gear (required)			
63600-101 /-501	Number Installed: 15 ☒ One for each seat	STLMC S/N 5584	60 Mos / 120 Mos
Pyrotechnic Signaling Device (required)			
FLA0103-1	Aerial Flare	STLMC S/N 5584	36 Mos

ACE AVIAIION SERVICES, CORP PART 135 CONFIGURATION INSPECTION

135.167 FOR EXTENDED OVERWATER OPERATIONS			
☒ (a) The following are conspicuously marked and easily accessible to the occupants if ditching occurs: Note: Floatation gear that meets § 91.205(b)(12) might not meet § 135.167.			
☒ Life preserver w/light for each occupant	Make/Model Zodiac AC2000	STLMC S/N 5584	60 Mos / 120 Mos
☒ Liferrafts equipped as specified in § 135.167(b) & (c)	Make/Model Survival Inc/ RAF1210-305T1	STLMC S/N 5584	36 Mos
91.207 Automatic Type (AF or AP) Emergency Locator Transmitter—(Not S-Survival Type for Liferrafts)			
Make/Model Artex C406-2	☐ TSO-C91 ☐ TSO-C91a ☒ TSO-C126	STLMC S/N 5584	12 MOS / 5 Years

2.6 MAJOR ALTERATIONS						
91.417(a)(2)(vi) LIST ALL MAJOR ALTERATIONS THAT CURRENTLY APPLY TO THE AIRCRAFT: (Remember to evaluate the impact of a major alteration and/or STC on MEL procedures.)						
DATE 337 block 7	Scheduled Inspection or Maint.*	On Condition	Instructions For Continued Airworthiness (ICA)			
			STC or Field Approval			Brief Description of the Major Alteration
			In Block 3 (Yes or No)	Flight Manual Supplement		
				Required (Yes or No)	Impact to Pilot's Checklist (Yes or No)	
Jan 24, 2005	X		ST01857NY	Yes	No	Custom Interior
Feb 01, 2005		X	SA8169NM-D	No	No	Collins 5000 Aero I / 6000 Aero H Satcom System
Feb 01, 2005	X		SA819NM-D	Yes	No	Installation of Safe Flight Enhanced Auto-Power System
Feb 01, 2005		X	ST01642NY	No	No	Safe Flight P/N C88927-1 Throttle Quadrant in place of P/N FE341000000
Feb 01, 2005		X	ST00938WI-D	No	No	Installation of Collins GPS-400A Global Position Sensor
Feb 01, 2005		X	ST1236LA-D	No	No	Installation of an Additional APU hour meter
Feb 01, 2005		X	SA2367NM	No	No	Cockpit Sun Visor Installation
Feb 01, 2005		X	SA8104NM-D	No	No	Strut and Stair Installation, APU Bay
*ICA items requiring periodic inspection or maintenance must be tracked by the operator. Use additional copies of this page as needed.						

2.7 REQUIRED MAINTENANCE & INSPECTION DATA			
YOU MUST PROVIDE THE FOLLOWING INFORMATION (any convenient format; current paper or computer tracking records may be acceptable if they provide the information indicated below). Refer to § 91.417(a)(2). Some of this is information similar to that required by § 135.71 and for which you should already have a form.			
☒ (i) The total time in service of The Airframe: 6938.8 L Engine: 6938.8 R Engine: 6938.8 ☐ Each Propeller: ☐ Each Rotor:			
☒ (ii) The current status of life-limited parts of each airframe, engine, propeller, rotor, and appliance. (attachment)			
☒ (iii) The time since last overhaul of all items installed on the aircraft which are required to be overhauled on a specified time basis. NOTE: This includes all items that are required to be overhauled by the manufacturer of the item. (attachment)			
☒ (iv) The current inspection status of the aircraft, including the time since the last inspection required by the inspection program under which the aircraft and its appliances are maintained. NOTE: This includes all appliances that require inspection. (attachment)			
☒ (v) The current status of applicable airworthiness directives (AD) including, for each, the method of compliance, the AD number, and revision date. If the AD involves recurring action, the time and date when the next action is required. The listing must comply with § 91.417(a)(2)(v). (attachment)			
135.105 Autopilot or IFCS		Make & Model: Rockwell Collins Proline 4	
Below list only components having life-limit or periodic inspection requirements.			
Autopilot Component Part Number	Description or Part Name	Manufacturer's Maintenance Document	Life Limits or Inspection Intervals
601R92614-11	Elevator Servo (SMT-87B)	CH 604 TLMC	48 MOS

☒ Autopilot is capable of operating the aircraft controls to maintain flight and maneuver it about the three axes.

ACE AVIAITON SERVICES, CORP PART 135 CONFIGURATION INSPECTION

SECTION 3	AIRCRAFT COMPLIANCE STATEMENT FOR PART 135 OPERATIONS
3.1 ALL AIRCRAFT	A/C Make/Model CL604 Registration N 823KD

INSTRUCTIONS FOR SECTION 3:

- Please refer to part 135 subpart C, Aircraft and Equipment, and part 91 as applicable, for the specific requirements of the items listed below.
- Check the box ☒ next to the item to indicate that it meets the requirements of the rule.
- Provide all additional information indicated.

135.143 General requirements

- ☒ (a) For each item marked ☒ or recorded in any field, the applicant certifies that the equipment meets the applicable Federal aviation regulations. Indicate items that do not apply by "NA."
- ☒ (b) All required instruments and equipment not originally installed by the aircraft manufacturer are approved as shown by FAA Form(s) 337 which are listed in Section 2.6 of this document and are available for inspection by the FSDO, and are in operable condition. (Revised text to conform to the rule.)

135.143(c) ATC transponders*

	Mode S		If not Mode S, Date Installed *	ATC Transponder Make & Model
	Yes	No		
#1	☒	☐	622-9210-501	Rockwell Collins TDR-94D
#2	☒	☐	622-9210-501	Rockwell Collins TDR-94D
*NOTE: For part 135 operations, ATC transponders installed after January 1, 1992, must be Mode S.				
*Warning: Be aware that by January 1, 2020, you must be equipped with ADS-B Out to fly in most controlled airspace. Federal regulations §§ 91.225 and 91.227 contain the details.				

135.144 Portable electronic devices

- ☒ Attach a list of all portable electronic devices intended to be used by the flightcrew or enter "none":
- ☒ Results of interference testing for PED used by crew and passengers.

135.147 ☒ Dual controls are installed

135.149 Equipment requirements: General

- ☒ (a) Altimeter(s): Sensitive & adjustable for barometric pressure
- ☐ (b) Carburetor: Heat/deice or
- ☐ Pressure carburetor: Alternate air source
- ☒ (c) For turbojet airplanes: Third artificial horizon installed according to § 121.305(j)

135.156 ☒ Flight data recorders: Filtered data

135.157 ☒ Oxygen equipment: Meets all requirements
See Section 2.5 if this box is checked.

135.159 Passenger carrying under VFR at night or VFR over-the-top conditions

- | | |
|--|--|
| ☒ (a) Gyroscopic rate-of-turn indicator
☒ (b) Slip skid indicator
☒ (c) Gyroscopic bank-and-pitch indicator
☒ (d) Gyroscopic direction indicator
☒ (e) Generators meeting FAR specifications | (f) For night flight authorization:
☒ Anti-collision light system
☒ Instrument lights
☒ 2 "D-Cell" flashlight or equivalent |
|--|--|

135.160 ☐ Radio altimeter or deviation for rotorcraft

135.161 ☒ VFR communication and navigation equipment for navigation by pilotage
See the tables under § 135.165 (next page) for equipment information.

135.163 Passenger carrying under IFR

- | | |
|--|---|
| ☒ (a) Vertical speed indicator
☒ (b) Free air temperature indicator
☒ (c) Heated pitot tube for each airspeed indicator
☒ (d) Gyroscopic power source indicator or power failure warning indicator
☒ (e) Alternate static source | ☐ (f) Single-engine aircraft (Generator/load combination as specified)
☐ (g) Multiengine aircraft: (Two generators loaded as specified)
☐ (h) Two independent sources of energy as specified to power gyroscopic instruments |
|--|---|

135.181 ☒ Performance requirements: Aircraft operated over-the-top or in IFR conditions

135.183 ☒ Performance requirements: Land aircraft operated over water

135.185 ☒ Empty weight and center of gravity: Currency requirement

For multiengine aircraft: Date Last Weighed: 2/25/2021

135.605 ☐ Helicopter Terrain Awareness and Warning System (HTAWS)

135.607 ☐ Flight data monitoring system

ACE AVIAITION SERVICES, CORP PART 135 CONFIGURATION INSPECTION

3.1 ALL AIRCRAFT (continued)	A/C Make/Model Registration N 823KD
-------------------------------------	---

135.165 Communication and Navigation Equipment: Extended Overwater or IFR Carrying Operations

Navigation Equipment Installed

	Make/Model	Date Installed		Make/Model	Date Installed
VOR 1	Rockwell Collins / VIR-432 ☒ *	05/14/2004	VOR 2	Rockwell Collins / VIR-432 ☒ *	09/26/2009
DME 1	Rockwell Collins / DME-442	05/14/2004	DME 2	Rockwell Collins / DME-442	11/17/2012
ADF 1	Rockwell Collins ADF-462	05/14/2004	ADF 2	Rockwell Collins ADF-462	05/14/2004
ILS Receiver	Rockwell Collins / VIR-432	05/14/2004	Marker Beacon	Rockwell Collins / VIR-432	09/25/2009
GPS Equipment installed	Rockwell Collins / GPS-4000S	09/30/2012	Misc. Equipment Installed		

* ☒ Indicates FM Immunity for European Operations

	Make/Model	Indicate All Sensors	Approved For
1	Rockwell Collins FMS-6000 v4.0 Date Installed <u>03/01/2021</u>	☒ Flight Management System or ☐ NAV Management System ☒ GPS TSO # & Class <u>TSO-145/ Beta 3</u> ☒ INS/IRS ☐ Other _____ ☒ Short-Range RNAV ☒ VOR/DME or ☒ DME/DME-FMS	☒ WAAS ☒ Nonprecision Approaches ☒ Remote/Oceanic ☒ RNP Type(s) <u>I</u> Time Limits <u>None</u> ☒ BRNAV ☒ PRNAV ☒ VNAV ☐ En Route/Terminal ONLY
2	Rockwell Collins FMS-6000 v4.0 Date Installed <u>03/01/2021</u>	☒ Flight Management System or ☐ NAV Management System ☒ GPS TSO # & Class <u>TSO-145/ Beta 3</u> ☒ INS/IRS ☐ Other _____ ☒ Short-Range RNAV ☒ VOR/DME or ☒ DME/DME-FMS	☒ WAAS ☒ Nonprecision Approaches ☒ Remote/Oceanic ☒ RNP Type(s) <u>I</u> Time Limits <u>None</u> ☒ BRNAV ☐ PRNAV ☒ VNAV ☐ En Route/Terminal ONLY

☐ If a third navigation system is installed, please attach the information indicated above for that system.

Installed Equipment and Systems

☒ Two microphones ☒ Two headsets (with boom mic required if CVR is installed) or ☐ One headset and one speaker

	Make/Model	Date Installed		Make/Model	Date Installed
VHF COM 1	Rockwell Collins / VHF-422C ☒ 8.33 KHz Spacing*	04/16/2021	VHF COM 2	Rockwell Collins / VHF-422C ☒ 8.33 KHz Spacing*	05/14/2004
VHF COM 3	N/A ☐ 8.33 KHz Spacing*		UHF COM 1	NA	
UHF COM 2	NA		HF COM 1	Rockwell Collins / HF-9031A	05/14/2004
HF COM 2	Rockwell Collins / HF-9031A	05/14/2004	SATCOM	Rockwell Collins Satcom 5000	05/14/2004
ADS-B	Rockwell Collins STC ST00841DE	07/01/2017	ADS-C	Bombardier STC STC ST04060CH	07/01/2017
Data Link	Bombardier STC STC ST04060CH	07/01/2017	OTHER		

*Required for certain operations outside the U.S.

NOTICE: TO AVOID DELAYS IN APPROVAL, provide the following for each navigation or communication system listed above: (Electronic copies in PDF format are acceptable.)

- ☒ Copies of the installation approval documents (original/updated equipment list or FAA Form 337) and
- ☒ Flight manual sections or supplements that show approval of the aircraft and equipment for the requested operations. Contact the FSDO if there are any questions.

ACE AVIAITON SERVICES, CORP PART 135 CONFIGURATION INSPECTION

PLEASE COMPLETE THIS PAGE ONLY IF APPLICABLE

3.2 TURBINE-POWERED, TURBOJET, AND/OR TEN-OR-MORE PASSENGER AIRCRAFT

A/C Make/Model CL604
Registration N 823KD

Proving Test Flights	135.145	☒ NOT REQUIRED ☐ REQUIRED		☐ Proving test plan is scheduled on page 1 ☐ Proving tests are scheduled on page 1 ☐ Request for deviation is scheduled on page	
Additional Equipment Requirements	135.150	☒ Public address and crewmember interphone systems			
	135.151	x	Cockpit Voice Recorders	Make/Model/Series	Date Installed
	135.151(d)	x	Dual Headsets with Boom Mics	Telex Airman 750	1/31/2005
	135.152	x	Flight Data Recorders	L3Harris / FA2100 / FDR	2/1/2005
	135.154	x	Terrain Awareness and Warning System (TAWS) Class A ☒ Class B	Honeywell / MK V	Sep 24 2015
	Warning: Ensure all TAWS functions are active. If any are deactivated, the system no longer meets TSO-C151().				
	135.158	x	Pitot heat indication systems		
Additional Airworthiness Requirements	135.169	(a) For all large airplanes (more than 12,500 pounds, maximum certificated takeoff weight): The aircraft: ☐ Is a commuter category airplane, or ☒ Meets the additional requirements of §§ 121.215 through 121.283, and 121.307. (b) For Reciprocating-engine airplanes configured for ten-or-more passengers or For Turbopropeller-powered Small Airplanes configured for ten-or-more passengers: ☐ Meets all applicable conditions specified in § 135.169(b) (c) For all ten-or-more pax small airplanes, state the maximum passenger seating configuration _____ (d) Cargo or baggage compartments: All transport category airplanes type certificated after January 1, 1958. ☐ Each Class C or D cargo compartments is not greater than 200 cubic ft in volume, or ☒ Meets all applicable conditions specified in § 135.169(d).			
	135.170	☒	Materials for compartment interiors		
	135.171	☒	Shoulder harness installation at flight crewmember stations		
	135.173	x	Airborne thunderstorm detection equipment requirements	Make/Model/Series	Date Installed
	135.175	x	Airborne weather radar equipment requirements	Rockwell Collins / RTA-854	Feb 01 2005
	135.177	Emergency equipment requirements for aircraft having a passenger seating configuration of more than 19 passengers			
	135.180	Traffic Alert and Collision Avoidance System (TCAS)		Rockwell Collins / TTR-921	
	TCAS I ☒ TCAS II TCAS II software version 7 or higher? ☒ Yes ☐ No				
RVSM Requirements	91.180	☒ Aircraft was built to RVSM requirements as shown in the type certificate. ☐ Aircraft was modified to RVSM requirements under Service Bulletin _____ or STC _____ on (date) _____ ☐ A copy of the maintenance sign-off is included with this conformity statement.			

ACE AVIAITON SERVICES, CORP PART 135 CONFIGURATION INSPECTION

SECTION 4	PART 135 AIRWORTHINESS CHECKLIST
It is highly recommended you use this checklist frequently and especially before presenting the aircraft to the FAA for inspection or before an FAA check ride.	
A/C Make and Model Bombardier CL604	Registration N 823KD

INSPECTION ITEMS

☒ Check if the item meets all applicable FAR Requirements

CERTIFICATES AND REGISTRATION

- ☒ The Registration Certificate is on board and current.
- ☒ The Airworthiness Certificate is on board and current.
- ☒ The Radio Station License is on board and current (optional).

OPERATING LIMITATIONS

- ☒ FAA-approved Aircraft Flight Manual (AFM) or Pilot's Operating Handbook is current, complete, and in serviceable condition.
- ☒ AFM contains Flight Manual Supplements (AFMS) that are current and applicable to the installed autopilot/flight director, navigation equipment, and other installed equipment to which an AFMS applies. AFMSs that do not apply to the aircraft are stowed to prevent their use.
- ☒ All required placards are secure and readable.
- ☒ The flight deck contains all operating manuals and/or placards required by the AFM and AFMSs, type certificate (TC), STC, or FAA Forms 337.
- ☒ All switches, circuit breakers, controls, etc., are properly labeled.
- ☒ AFM contains current weight and balance data, and all obsolete weight and balance data is superseded; or, for aircraft not requiring an AFM, the current weight and balance and equipment list is in the aircraft.
- ☒ AFM contains a current and complete equipment list.
- ☒ For multiengine aircraft, the AFM contains a weighing record showing the aircraft was weighed within the last three years. The record includes an equipment list, which describes the approved aircraft configuration at the time of weighing. The weighing record has the signature and certificate number of the person or agency doing the work and the date of completion.

AIR CARRIER OPERATIONS DOCUMENTS

- ☒ Aircraft Maintenance Log (§ 135.65) is on board and contains no open mechanical irregularities.
- ☒ The document provided for compliance with § 135.71 is on board and current.
- ☒ Minimum Equipment List (MEL) is on board and current, if applicable.
- ☒ Air Carrier Operations Manual (or applicable parts) is on board and current.

- ☒ Deferred Maintenance Log contains no items deferred beyond the time allowed in the MEL.
- ☒ The operator's name or certificate number is displayed and readable from the ground as required by § 119.9.

PASSENGER SAFETY

- ☒ All internal cabin placards required by the TC or the AFM are secure and readable.
- ☒ Passenger briefing cards meet part 135 requirements (Refer to AC 121-24 for more information regarding the Passenger Safety Information Briefing and Briefing Cards.)
- ☒ Required emergency equipment is on board, properly stowed, and inspected. (See Section 2.6.)
- ☒ Approved cargo restraints are in place.

GENERAL AIRWORTHINESS

- ☒ The aircraft has the proper equipment and approval documentation required by part 135 subpart C.
- ☒ All external placards, required by the TC or the AFM, are secure and readable.
- ☒ All cowl fasteners, screws, etc., are secure.
- ☒ Antennas are free from erosion.
- ☐ ADF/HF long-wire antenna is under spring tension.
- ☒ All static wicks are installed; none are broken except as deferred under an MEL. No broken bonding straps.
- ☒ The aircraft make, model and serial number data are on the outside of the fuselage.
- ☒ All instruments, systems, and equipment are operating properly or deferred under an MEL; the aircraft is airworthy and legal to fly.

MAINTENANCE RECORDS

- ☒ The maintenance records show that all airworthiness inspections are current, including annual/100-hr or scheduled inspection, altimeter, encoder, static system, ATC transponder, etc.
- ☒ All required maintenance, including maintenance of life-limited items, is current.
- ☒ Review and verify the TCDS and any STC for items that affect operations and maintenance (e.g., electronic system security special conditions).
- ☒ The maintenance records include an Airworthiness Directive (AD) listing showing that all ADs are complied with, including recurring ADs. The listing must comply with § 91.417(a)(2)(v).

I certify that, to the best of my knowledge, the information contained in this report is complete and accurate.		
	V6NA918J	5/21/2021
Signature	Certificate Number	Date