



Civil Aviation Administration of China (CAAC)

Aircraft Evaluation Group (AEG)

Aircraft Evaluation Report

For

CE-560 Encore+

CE-560XL(Excel, XLS, XLS+)

Rev. 1

Date: 23/12/2013

Manufacturer: Cessna Aircraft Company

Revision Record & Approval

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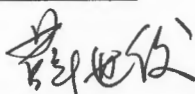
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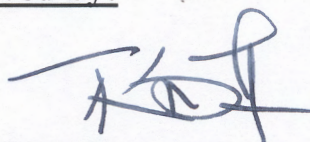


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Foreword

Cessna Model 560Encore and Cessna Model 560XL are two variants of the 560 series airplane and are derivatives from the original Cessna Citation series Model 500 and 550.

Model 560 Encore was certified by FAA in April 2000 and Encore+ was certified by FAA in December 2006. The Encore+ (CE-560Encore+) was type validated by CAAC in August 2011.

Model 560XL includes the following variants: Excel certified by FAA in April 1998, XLS certified by FAA in March 2004 and the XLS+ certified by FAA in May 2008. Excel (CE-560Excel) and XLS (CE-560XLS) were type validated by CAAC in November 2004, and XLS+ (CE-560XLS+) type validation application was made to CAAC in February 2012.

CAAC AEG evaluated the CE-560 Encore+ first and issued the report on May 30, 2011.

In January 2013, AEG evaluation of the CE-560XLS+ was conducted by CAAC, and catch-up evaluation to CE-560Excel and CE-560XLS was conducted during the same process since there are integrated technical publications for the three variants.

This report was developed on the foundation of CAAC AEG Evaluation Report for CE-560Encore+, and incorporate the determinations and conclusions for CE-560Excel, CE-560XLS and CE-560XLS+.

Section 1: Pilot Type Rating and Qualification Specification

1.1 Statement and Explanation:

This section is the formal notification that CAAC AEG has conducted Flight Standardization Board (FSB) evaluation for Cessna CE-560 Encore+, CE-560Excel, CE-560XLS and CE-560XLS+ airplane based on the Flight Standardization Board (FSB) Report published by Federal Aviation Administration (FAA), which specifies the pilot type rating, training, checking, and currency specifications for the flight crews.

Hereby, the provisions in this section can be used, as the basis, by Chinese operators to develop their pilot qualification and training program for above airplane.

Alternate means of compliance to the requirements of CCAR 61, 135, other than as specified in the provisions of this section, must be approved by Flight Standards Department of CAAC. If alternate compliance is sought, operators will be required to establish that proposed alternate means provide an equivalent level of safety to the provisions of this section, and analysis, demonstrations, proof of concept testing, differences documentation, or other evidence may be required.

Find of FAA FSB Report:

<http://fsims.faa.gov/PICResults.aspx?mode=Publication&doctype=FSB%20Reports>

1.1 Pilot Type Rating and Licence Endorsement

Upon the FSB evaluation, the Pilot Type Rating for CE-560 Encore+, CE-560Excel, CE-560XLS and CE-560XLS+ is listed below.

Manufacturer	Aircraft Type	Pilot Type Rating
Cessna Aircraft Company	CE-550	CE-500
	CE-560 Encore+	
	CE-560Excel	CE-560XL
	CE-560XLS	
	CE-560XLS+	

License endorsement:

"CE-500" type rating can be obtained for either a CE-550 and/or CE 560 Encore+, and checking records should be show for the specific airplane type.

"CE-560XL" for getting a type rating for either CE-560Excel, CE-560XLS or CE-560XLS+, and checking records should also be shown for the specific airplane type.

1.2 ODR and MDR

Operator Difference Requirement (ODR) and Master Difference Requirement (MDR) tables have been given by FAA FSB Report of Cessna Aircraft Company Model CE-560 Encore +, but the base aircraft (from airplane) is limited to the CE-560 Encore.

For CE-560XL (including CE-560Excel, CE-560XLS and CE-560XLS+), Sample Operator Difference Requirement (ODR) and Master Difference Requirement (MDR) tables have been given as following:

- CE-560XL(Excel) to CE-560XLS
- CE-560XLS to CE-560XL(Excel)
- CE-560XL(Excel) to CE-560XLS+
- CE-560XLS to CE-560XLS+
- CE-560XLS+ to CE-560XL(Excel)
- CE-560XLS+ to CE-560XLS

Note: The ODR tables are available in FAA FSB Report for 560XL (Excel, XLS, XLS+).

MDR Table

		FROM AIRPLANE		
		CE-560Excel	CE-560XLS	CE-560XLS+
TO AIRPLANE	CE-560Excel	A/A/B*	A/A/B	C/C/C
	CE-560XLS	A/A/B	A/A/B*	C/C/C
	CE-560XLS+	C/C/C	C/C/C	A/A/B*

*Differences to accommodate optional equipment and aircraft modifications

1.3 Specification for Training

The training courses proposed by Wichita Cessna Learning Center of Flight Safety International for CE-560Encore+ and CE-560XL (including CE-560Excel, CE-560XLS and CE-560XLS+) are as following, it is considered as manufacturer recommended pilot training program and have to be considered as minimum:

For CE-560Encore+:

- Core Curriculum for Initial Training - CITATION 500 Series Pilot Training Program, Book 2, Chapter 1
- Difference training courses (Difference Course 4 or 5 as appropriate)

Note 1: Even above mentioned training course not specified by FAA FSB Report, but considering subjected for many years of training service experience and approved by FAA, it was accepted by FSB evaluation as an alternate means of compliance.

Note 2: Above mentioned training courses are available by request to Cessna.

If the Difference Training Course is adopted by operators, the training programs should emphasize the differences in ATA 34 (Navigation), and a CPT (Cockpit Procedures Trainer) is the minimum medium for training delivery. A review of the AFM Limitations and the hand's on training in the functions of the ProLine 21 should be parts of the program.

For CE-560XL:

- CITATION 560XLS+ Pilot Initial Syllabus – CITATION 500 Series Pilot Training Program, Book 2, Chapter 1
- CITATION 560XLS+ Pilot Recurrent Syllabus – CITATION 500 Series Pilot Training Program, Book 2, Chapter 1
- Difference course
- CE-560XL - CE- 500 Experience Training Syllabus

Note 1: Above training courses for CE-560XL is based on pilots with previous Collins Proline 21 experience. Operator programs using the minimum hours shall include a prerequisite for previous Collins Proline 21 experience as evidenced by successful completion of initial or recurrent training in a Proline 21 equipped aircraft within the preceding 24 months.

Note 2: Above mentioned training courses are available by request to Cessna.

Specifications for particular emphasis elements during training for pilot flying CE-560XLS+ are as follows:

- Safety essential operation of the aircraft must be included in the initial training program:
 - RVSM, TCAS, Windshear prediction and all associated procedures.
 - In flight and Ground Icing Awareness
 - CFIT procedures
- All the characteristics of the Collins ProLine 21 system and Collins 3000 FMS should be emphasised during the pilot training program:
 - Use and interpretation of colour code of avionic System
 - Use of different VNAV modes
 - Use of the FMS-Based approaches and the differences between RWY-type approaches and V-MDA-type approaches

1.4 Specification for Checking

For the pilot only flying single type of either CE-560Encore+, CE-560Excel, CE-560XLS or CE-560XLS+, as required by CCAR Part 61 and 135.

For the pilot flying both type of CE-550 and CE-560 Encore+, since there is no corresponding ODR table, also as required by CCAR Part 61 and 135 for each type of airplane.

For the pilot mixed flying CE-560Excel, CE-560XLS or CE-560XLS+:

- A proficiency check conducted on either one is valid for both between CE-560Excel and CE-560XLS;
- For CE-560Excel and CE-560XLS+, or CE-560XLS and CE-560XLS+, a proficiency check on one is valid for other, provided that the differences have been covered during the recurrent training, as per the approved ODR tables.

For the pilot mixed flying CE-560Encore+ with any type of CE-560Excel, CE-560XLS and CE-560XLS+, no credit may be considered since there is no corresponding ODR table, and should be as required by CCAR Part 61 and 135 for each type of airplane.

1.5 Specification for Currency

For the pilot only flying single type of either CE-560Encore+, CE-560Excel, CE-560XLS or CE-560XLS+, as required by CCAR Part 61 and 135.

For the pilot flying both type of CE-550 and CE-560 Encore+, since there is no corresponding ODR table, also as required by CCAR Part 61 and 135 for each type of airplane.

For the pilot mixed flying CE-560Excel, CE-560XLS or CE-560XLS+:

- The currency conducted any one is valid for both between CE-560Excel and CE-560XLS;
- For CE-560Excel and CE-560XLS+, or CE-560XLS and CE-560XLS+, the following criteria apply:
 - The currency level for flight crews, who are trained and qualified in both the CE 560XL/XLS and the CE-560XLS+, or who are engaged in mixed fleet flying, is Level C if they have not operated the CE-560XLS+ in the preceding 180 days. If flight crews have not operated the CE-560XLS+ in the preceding 180 days, operators and training providers must ensure they receive the minimum training required by this report to re-establish currency in the CE-560XLS+ avionics system and FMS. If flight crews have operated the CE-560XLS+, in the preceding 180 days and have retained systems proficiency with the Pro Line 21 System and the FMS, the currency level will be Level B.
 - The currency level for flight crews, who are trained and qualified in CE-560XLS+ and the CE 560XL/XLS, or who are engaged in mixed fleet flying, is Level C if they have not operated the CE-560XL/XLS in the preceding 180 days. If flight crews have not operated the CE-560XL/XLS in the preceding 180 days, operators and training providers must ensure they receive the minimum training required by this report to reestablish currency in the CE-560XL/XLS avionics system and FMS. If flight crews have operated the CE-560XL/XLS in the preceding 180 days and have retained systems proficiency with the Honeywell Avionics System and applicable FMS, the currency level will be Level B.

For the pilot mixed flying CE-560Encore+ with any type of CE-560Excel, CE-560XLS and CE-560XLS+, no credit may be considered since there is no corresponding ODR table, and should be as required by CCAR Part 61 and 135 for each type of airplane.

1.6 Specification for Flight Simulation Training Devices

For type rating course, any simulator configuration is valid for both between CE-560Excel and CE-560XLS, but CE-560XLS+ and CE-560Encore+ only valid for its own simulator configuration.

All training devices should be qualified as per CCAR-60.

Section 2: Master Minimum Equipment List

2.1 Statement and Explanation:

This section is the formal notification that CAAC AEG has conducted Flight Operation Evaluation Board (FOEB) evaluation for the Cessna CE-560 Encore+ type airplane based on the Master Minimum Equipment List [MMEL for Cessna 500, Series Citations], Revision 9 (07/17/2007), and for the Cessna CE-560XL (including CE-560Excel, CE-560XLS and CE-560XLS+) type airplane based on the Master Minimum Equipment List [MMEL for Cessna 560XL, Series Citations], Revision 6 (01/13/2012) published by Federal Aviation Administration (FAA), which outlines the items of equipment that may be inoperative and yet maintain an acceptable level of safety by appropriate conditions and limitations.

For CE-560 Encore+, as for satisfied the CCARs requirements and clarify the applicability of airplane type, with the support of Cessna, CAAC AEG has developed MMEL for CE-560 Encore+ (Revision: Original), which can be used, as the basis, by Chinese operators to develop their Minimum Equipment List (MEL) for CE-560 Encore+ airplane.

For CE-560XL, the MMEL and its future revisions issued by FAA can be used, as the basis, by Chinese operators to develop their Minimum Equipment List (MEL) for CE-560Excel, CE-560XLS and CE-560XLS+ airplane.

It is the responsibility of Chinese operators and the Principle Inspectors (PI) to check and verify the exact CCAR requirements for any of the contents marked or referenced with FAA regulatory document or its articles.

CE-560 Encore+ MMEL (for CAAC) document distribution:

By CAAC AEG: <http://123.127.67.48/>

By Cessna: <http://www.cessnasupport.com>

FAA MMEL document distribution:

<http://fsims.faa.gov/PICResults.aspx?mode=Publication&doctype=MMEL>

By Cessna: <http://www.cessnasupport.com>

2.2 CAAC Supplemental for FAA MMEL:

For CE-560 Encore+, reference to CAAC CE-560 Encore+ MMEL (Revision: Original).

For CE-560XL (including CE-560Excel, CE-560XLS and CE-560XLS+), no applicable.

Section 3: Schedule Maintenance Requirements

3.1 Statement and Explanation:

There is no Maintenance Review Board Report for Cessna CE-560 Encore+ type airplane.

Airworthiness Limitation approved by type certification process included in the following documents:

— Model 560 Maintenance Manual, Chapter 4

Maintenance tasks of above mentioned Airworthiness Limitation will not be allowed to be escalated without approval of type certification authority.

Schedule maintenance requirements recommended by Cessna included in the following documents:

— Model 560 Maintenance Manual, Chapter 5

Maintenance tasks of above mentioned schedule maintenance requirements may be escalated with the supporting data by operator's reliability program.

Note: Since Maintenance Manual combined for all Model 560 series, CE-560 Encore+ applicability covers the content specify airplane series no. from 560-0751 and on, and all others without series no. limitation.

For CE-560XL (CE-560Excel, CE-560XLS and CE-560XLS+), CAAC AEG has conducted Maintenance Review Board (MRB) evaluation based on Citation 560XL/XLS (CE-560XL) Maintenance Review Board Report Revision 5 approved by the FAA, which outlines the initial minimum maintenance requirements to be used in the development of an approved operator's maintenance program for the airframe, engines, systems and components.

Hereby, the MRBR and its future revisions approved by the FAA can be used, as the basis, by Chinese operators to develop their maintenance program for the above airplanes.

Note: For CE-560XL series airplane, MRBR and Phase Inspection as stated by Maintenance Manual should not be used together, CE- 560XLS+ has only MRBR and no option for Phase Inspection, CE-560Excel and CE-560XLS have options for both Phase Inspection and MRBR by incorporating optional Service Bulletin SB560XL-05-01.

MRBR distribution:

By Cessna: Hard copy, CD/DVD and website (<http://www.cessnasupport.com>) combination.

3.2 CAAC Supplemental for FAA Approved MRBR:

Not applicable.

Section 4: Operational and Continued Airworthiness Instructions

4.1 Statement and Explanation:

This section is the formal notification that CAAC AEG has conducted evaluation of the operational and continued airworthiness instructions for Cessna CE-560Encore+, CE-560XL (CE-560Excel, CE-560XLS and CE-560XLS+) airplane based on the relevant policies and procedures of Cessna.

Hereby, the Operational & Continued Airworthiness Instructions document listed in the attachment was found acceptable by CAAC AEG, and will give the necessary guidance for properly operating and maintaining above airplane within the approved operating conditions and limitations.

This acceptance may not assure the accuracy and applicability of the content in each document, it is the aircraft owner's or operator's responsibility to report any defect or discrepancy in the documents to the aircraft manufacturer, or report to CAAC AEG through website: <http://aeg.caac.gov.cn/>.

Operational & Continued Airworthiness Instructions distribution:

By Cessna: Hard copy, CD/DVD and website (<http://www.cessnasupport.com>) combination, except engine manuals which are distributed by engine manufacturer directly to operators..

4.2. List of Operational and Continued Airworthiness Instructions (CE-560Encore+)

Manual	Reference No.	Description	Revision/Date
56FMC	---	Airplane Flight Manual	Revision 1 and as revised
	---	Airplane Flight Manual Approved Supplemental	S1 thru S22 and on
56CLCNP	---	Pilot Abbreviated Checklist (Normal Procedure)	Revision 1 and as revised
56CLCEAP	---	Pilot Abbreviated Checklist (Emergency/Abnormal Procedure)	Revision 1 and as revised
50/56MELM	---	Operational and Maintenance Procedures Guide (for Master Minimum Equipment List)	Revision 3 and as revised
56OMC	---	Operating Manual	Revision 0 and as revised
56MM	---	Maintenance Manual	Revision 29 and as revised
56PC	---	Illustrated Parts Catalog	Revision 25 and as revised
56WDC	---	Model560 Encore Plus(0752 and On) Wiring Diagram Manual	Revision 4 and as revised
5056SR	---	Structural Repair Manual	Revision 14 and as revised
5056CM	---	Component Maintenance Manual	Revision 13, Temporary Revision TR32-1 and as revised
5056ND	---	Nondestructive Testing Manual	Revision 13 and as revised
5056TE	---	Illustrated Tool and Equipment Manual	Revision 4 and as revised
56WBC	---	Model560 Encore Plus Weight and Balance Manual (0751-5000)	Revision 3 and as revised
D5321	---	Emergency Rescue Access and Fire Fighting Procedures Manual	Revision 2 and as revised
56ICA	---	Instructions for Continued Airworthiness	Revision 0 and as revised

(Notes are same as paragraph 4.3)

4.3. List of Operational and Continued Airworthiness Instructions (CE-560XL)

Manual	Reference No.	Description	
56XFMB	---	Airplane Flight Manual	Revision 1 and as revised
56XCLBNP	---	Pilot Abbreviated Checklist (Normal Procedure)	Revision 1 and as revised
56XCLBEAP	---	Pilot Abbreviated Checklist (Emergency/Abnormal Procedure)	Revision 1 and as revised
56XMELCL	---	Operational and Maintenance Procedures Guide (for Master Minimum Equipment List)	Revision 0 and as revised
56XOMB00	---	Operating Manual	Revision 0 and as revised
C56XMM	---	Maintenance Manual	Revision 34 and as revised
C56XPC	---	Illustrated Parts Catalog	Revision 30 and as revised
C56XWDA	---	XLS Wiring Diagram Manual (5501 and on)	Revision 5 and as revised
C56XSR	---	Structural Repair Manual	Revision 9 and as revised
C56XCM	---	Component Maintenance Manual	Revision 7 and as revised
C56XND	---	Nondestructive Testing Manual	Revision 9 and as revised
C56XTE	---	Illustrated Tool and Equipment Manual	Revision 6 and as revised
C56XWBB	---	560XL Citation XLS+ Weight and Balance Manual (6001 and On)	Revision 1 and as revised
CD5321	---	Emergency Rescue Access and Fire Fighting Procedures Manual	Revision 2 and as revised
C56XICA	---	Instructions for Continued Airworthiness	Revision 0 and as revised

Note 1: The above technical publications will be not customized by Cessna. The operator should carefully check the applicability before reference to some contents of the manual.

Note 2: For optional equipment installations developed by Cessna, the operation document as defined in Flight Manual Supplemental, and maintenance instructions are included in the general technical publications as above.

Note 3: Cessna issues Service Documents only for instructions of modification and separate ICA to provide related maintenance instructions. ICA also provides temporary manual amendment not related to modifications.

Note 4: Amendment to Flight Manual, Structural Repair Manual and chapter 4 of Maintenance Manual should be approved by FAA.

Section 5: CCARs Compliance Checklist

5.1 Statement and Explanation:

This section is the formal notification that CAAC AEG has developed the compliance checklist for Cessna CE-560Encore+, CE-560XLS+ type airplane based on the following aircraft configuration:

- FAA Type Certificate Data Sheet No.: A22CE, Revision 65
- MODEL NO: 560XL CONFIGURATION AND CONTINUED AIRWORTHINESS REPORT (REPORT NO: AW-560XL-001, Rev. V) August 2012

***Note:** Since 560Excel, 560XL version considered as grandfathered for CAAC AEG evaluation, they are not evaluated for CCARs compliance, but Chinese operators may continue operate those airplanes as already approved.*

The checklist is provided as an aid to identify those specific requirements of rules for which compliance has already been demonstrated for the type design. The checklist also notes the requirements of rules which remain to be demonstrated compliance by the operators.

When the aircraft configuration differs from the above stated aircraft configuration, it is the responsibility of the operator and its CAAC Principle Inspector (PI) to evaluate those differences and develop the compliance to the relevant requirements of rules.

It also remains the responsibility of the operator and its PI to evaluate the corrective actions for those items not satisfactorily addressing compliance in the checklist prior to approve the appropriate operation.

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5.2 CCARs Compliance Checklist for CE-560Encore+

5.2.1 CCAR-91R2 Compliance Checklist (CE-560Encore+)

Articles/Subject	Compliance	Remark/Limitation
§91.401 Civil aircraft: Certifications required	CCAR-34 and CCAR-36 Complies	Other requirements should be checked by PI.
§91.403 Instrument and Equipment for VFR operation	Complies	
§91.405 Instrument and Equipment for IFR operation	Complies	
§91.407 Instruments and Equipments for night and over-the-top operation	Complies	Other requirements in operation should be checked by PI.
§91.409 Mach number indicator	Complies	
§91.411 Radio communication equipment	Complies	Requirements in operation should be checked by PI.
§91.413 Navigation equipment	Complies, CAT I operation approval also included for the type design.	Requirements in operation should be checked by PI.
§91.415 Emergency and life-saving equipment	Complies excepted First aid kits, some sign (for Oxygen Equipment use, location of lifejacket)	The First aid kits and sign installation should be checked by PI. Mark of break-in point is optional by request.
§91.417 Additional emergency and Life equipments for over water operation	Not applicable	Extended overwater operation is limited due to ditching is not approved during type certification
§91.419 Additional emergency and Life-saving equipment for rotorcraft over water flights	Not applicable	
§91.421 Additional emergency and Life-saving equipment for flights over designated land areas	Not complies	If corrective action for other requirements installed, it should be checked by PI before approval of designated land areas.

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Articles/Subject	Compliance	Remark/Limitation
§91.423 Oxygen equipment-operation at high altitude	Complies	Equipment operation defined in the AFM.
§91.425 Equipment for operation in icing conditions	Complies	
§91.427 ATC transponder and altitude reporting equipment	Complies	Requirements in operation should be checked by PI.
§91.429 Altitude alerting system or device: Turbojet-powered civil airplanes.	Complies	
§91.431 Weather radar	Complies	
§91.433 Flight recorder	Complies except FDR is an optional equipment	1. Installation for optional FDR should be checked by PI. 2. Requirements in operation should be checked by PI.
§91.435 Emergency locator transmitter	Complies	Requirements in operation should be checked by PI.
§91.437 Terrain awareness and warning system.	Complies if STC ST4383WI-T incorporated	Installation of STC should be checked by PI before introduced into operation.
§91.439 Traffic Alert and Collision Avoidance equipment and use	Complies if STC ST4383WI-T incorporated	Installation of STC should be checked by PI before introduced into operation.
§91.441 Radiation indicator	Not applicable	Not approved for operation above 49000ft
Appendix B Category II Operations: Manual, Instruments, Equipment, and Maintenance	Not compliance	
Appendix C Operations within airspace designated as Minimum Navigation Performance Specification Airspace.	Optional, Detailed reference to AFM Supplemental 56FMC S22-01	Requirements in operation should be checked by PI.

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Articles/Subject	Compliance	Remark/Limitation
Appendix D Operations in Reduced Vertical Separation Minimum(RVSM)	Complies	

5.2.2 CCAR-135 Compliance Checklist (CE-560Encore+)

Articles/Subject	Compliance	Remark/Limitation
§135.75 Inspectors credentials: admission to pilots' compartment	Not applicable	Forward observer's seat not designed. Forward passenger seat can be used but should be check and accepted by PI.
§135.146 Emergency locator transmitters	Complies if not conduct long-range over-water flight.	Extend Over water operations limited
§135.149 Dual controls required.	Complies	
§135.151 Equipment requirements: General.	Complies	
§135.153 Public address and crewmember interphone systems.	Not applicable	
§135.155 Flight Data Recorder	Complies if optional FDR equipped	Installation for optional FDR should be checked by PI.
§135.157 Cockpit voice recorders.	Complies	
§135.159 Ground proximity warning system	Complies	
§135.161 Terrain awareness and warning system (TAWS)	Complies if STC ST4383WI-T incorporated	Installation of STC should be checked by PI before introduced into operation.
§135.163 Fire extinguishers: Passenger carrying aircraft.	Complies	
§135.165 Oxygen equipment requirements.	Complies	Equipment operation defined in the AFM.
§135.167 Equipment requirements: Carrying passengers under VFR at night or under VFR over	Complies	

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Articles/Subject	Compliance	Remark/Limitation
the top conditions		
§135.169 Radio and navigational equipment: Carrying passengers under VFR at night or under VFR over the top.	Complies	
§135.171 Equipment requirements: Aircraft carrying passengers under IFR	Complies	
§135.173 Radio and navigational equipment requirement for extended overwater or IFR operations.	Complies	Extend Over water operations limited
§135.175 Emergency equipment requirements for extended overwater operations.	Not applicable	Extend Over water operations limited
§135.177 Shoulder harness installation requirement at flight crewmember stations.	Complies	
§135.179 Airborne thunderstorm detection equipment requirements.	Complies	
§135.181 Airborne weather radar equipment requirements.	Complies	
§135.183 Emergency equipment requirements for aircraft having a passenger seating configuration of more than 19 passengers.	Not applicable	
§135.185 Additional emergency equipments	Not applicable	
§135.189 Airborne Collision Avoidance System (ACAS II)	Complies if STC ST4383WI-T incorporated	Installation of STC should be checked by PI before introduced into operation.
§135.197 Language requirement for placards and markings	Complies	Should be further checked by PI before operation

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Articles/Subject	Compliance	Remark/Limitation
§135.199 Pitot heat indication systems.	Complies	
§135.203 Materials for compartment interiors	Complies	

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5.3 CCARs Compliance Checklist for CE-560XLS+

5.3.1 CCAR-91R2 Compliance Checklist (CE-560XLS+)

Articles/Subject	Compliance	Remark/Limitation
§91.401 Civil aircraft: Certifications required	CCAR-34 and CCAR-36 Complies	Other requirements should be checked by PI.
§91.403 Instrument and Equipment for VFR operation	Complies	
§91.405 Instrument and Equipment for IFR operation	Complies	
§91.407 Instruments and Equipments for night and over-the-top operation	Complies	Other requirements in operation should be checked by PI.
§91.409 Mach number indicator	Complies	
§91.411 Radio communication equipment	Complies	Requirements in operation should be checked by PI.
§91.413 Navigation equipment	Complies for RVSM, ILS and RNP/RNAV operation; Operational complies for CAT II operation.	1. Reference compliances information for CCAR-91 Appendix B and C for more information. 2. Requirements in operation should be checked by PI.
§91.415 Emergency and life-saving equipment	Complies excepted First aid kits Mark of break-in point is optional by request	The First aid kits and Marking of break-in points installation should be checked by PI.
§91.417 Additional emergency and Life equipments for over water operation	Complies for overwater operation Not compliance for extended overwater operation	Extended overwater operation is also limited due to ditching is not approved by type certification
§91.419 Additional emergency and Life-saving equipment for rotorcraft over water flights	Not applicable	
§91.421 Additional emergency and Life-saving	Not complies	If corrective action for other requirements

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Articles/Subject	Compliance	Remark/Limitation
equipment for flights over designated land areas		installed, it should be checked by PI before approval of designated land areas.
§91.423 Oxygen equipment-operation at high altitude	Complies	Equipment operation defined in the AFM.
§91.425 Equipment for operation in icing conditions	Complies	
§91.427 ATC transponder and altitude reporting equipment	Complies	Requirements in operation should be checked by PI.
§91.429 Altitude alerting system or device: Turbojet-powered civil airplanes.	Complies	
§91.431 Weather radar	Complies	
§91.433 Flight recorder	Complies except FDR is an optional equipment	1. Installation for optional FDR should be checked by PI. 2. Requirements in operation should be checked by PI.
§91.435 Emergency locator transmitter	Complies	Requirements in operation should be checked by PI.
§91.437 Terrain awareness and warning system.	Complies	
§91.439 Traffic Alert and Collision Avoidance equipment and use	Complies	
§91.441 Radiation indicator	Not applicable	Not approved for operation above 49000ft
Appendix B Category II Operations: Manual, Instruments, Equipment, and Maintenance	Optional compliance per ECR 050157	Cessna ECR 050157 effective for series no. 560-5311 and on
Appendix C Operations within airspace designated as Minimum Navigation Performance	Optional, Detailed reference to FM Supplemental 17.	Requirements in operation should be checked by PI.

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Articles/Subject	Compliance	Remark/Limitation
Specification Airspace.		
Appendix D Operations in Reduced Vertical Separation Minimum(RVSM)	Complies	

5.3.1 CCAR-135 Compliance Checklist (CE-560XLS+)

Articles/Subject	Compliance	Remark/Limitation
§135.75 Inspectors credentials: admission to pilots' compartment	Not applicable	Forward observer's seat not designed. Forward passenger seat can be used but should be check and accepted by PI.
§135.146 Emergency locator transmitters	Complies if not conduct long-range over-water flight.	Extend Over water operations limited
§135.149 Dual controls required.	Complies	
§135.151 Equipment requirements: General.	Complies	
§135.153 Public address and crewmember interphone systems.	Not applicable	
§135.155 Flight Data Recorder	Complies if optional FDR equipped	Installation for optional FDR should be checked by PI.
§135.157 Cockpit voice recorders.	Complies	
§135.159 Ground proximity warning system	Complies	
§135.161 Terrain awareness and warning system (TAWS)	Complies	
§135.163 Fire extinguishers: Passenger carrying aircraft.	Complies	
§135.165 Oxygen equipment requirements.	Complies	Equipment operation defined in the AFM.
§135.167 Equipment requirements: Carrying	Complies	

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Articles/Subject	Compliance	Remark/Limitation
passengers under VFR at night or under VFR over the top conditions		
§135.169 Radio and navigational equipment: Carrying passengers under VFR at night or under VFR over the top.	Complies	
§135.171 Equipment requirements: Aircraft carrying passengers under IFR	Complies	
§135.173 Radio and navigational equipment requirement for extended overwater or IFR operations.	Complies	Extend Over water operations limited
§135.175 Emergency equipment requirements for extended overwater operations.	Not applicable	Extend Over water operations limited
§135.177 Shoulder harness installation requirement at flight crewmember stations.	Complies	
§135.179 Airborne thunderstorm detection equipment requirements.	Complies	
§135.181 Airborne weather radar equipment requirements.	Complies	
§135.183 Emergency equipment requirements for aircraft having a passenger seating configuration of more than 19 passengers.	Not applicable	
§135.185 Additional emergency equipments	Not applicable	
§135.189 Airborne Collision Avoidance System (ACAS II)	Complies	
§135.197 Language requirement for placards and	Optional complies	1. Cessna supply bilingual (Chinese and English)

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Articles/Subject	Compliance	Remark/Limitation
markings		passenger information and emergency exit markings. 2. Should be further checked by PI before operation
§135.199 Pitot heat indication systems.	Complies	
§135.203 Materials for compartment interiors	Complies	

Section 6: Other Evaluation Items

Not Applicable

Appendix: CAAC AEG Team and Point of Contact

CAAC AEG Team for CE-560Encore+:

<u>Mr. Xue Shi Jun</u>	Director, Aircraft Evaluation Division, Flight Standards Department
<u>Mr. Ma Yong Wei</u>	Deputy Director General, Shenyang Aircraft Airworthiness Certification Center
<u>Mr. Liang Gang</u>	AEG Office of Shenyang Aircraft Airworthiness Certification Center

CAAC AEG Team for CE-560XL:

<u>Mr. Xue Shi Jun</u>	Director, Aircraft Evaluation Division, Flight Standards Department
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<u>Mr. Tong Yu</u>	Operation Inspector, Heilongjiang Safety Surveillance Bureau
<u>Mr. Li Xiao Lei</u>	Engineer, AEG Division, Civil Aviation Safety & Technology Center

Cessna Point of Contact:

Mr. Travis Tyler	Airworthiness Engineer
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