



TYPE-CERTIFICATE DATA SHEET

NO. EASA.IM.A.516

for
Cessna LC Series (T240)

Type Certificate Holder
Textron Aviation Inc.

One Cessna Boulevard
Wichita, Kansas 67215
USA

For models: LC41-550FG
LC42-550FG
T240



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SECTION A: LC41-550FG

A.I. General

1. a) Type: LC41-550FG
b) Model: LC41-550FG
c) Variant: N/A
2. Airworthiness Category: 14 CFR 23 Utility Category
3. Type Certificate Holder: Textron Aviation Inc.
One Cessna Boulevard
P.O. Box 7704
Wichita, Kansas 67277
USA
4. Manufacturer: Textron Aviation Inc.
One Cessna Boulevard
P.O. Box 7704
Wichita, Kansas 67277
USA
5. Certification Application Date: 03 June 2008
6. FAA Type Certification Date: 08 April 2004
7. (Reserved)

A.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements: 24 October 2002
2. Airworthiness Requirements: JAR 23, Amdt 1 dated 01 February 2001
3. EASA Special Conditions:

CRI B-52 Human Factors – Integrated Avionics
CRI F-51 Equipment, Systems and Installations
CRI F-05 Databases and Configuration Files
CRI F-06 Digital Devices Design Assurance
CRI F-07 Software Aspects of Certification, Application of DO-178B Field Loadable Software and user modifiable Software
CRI F-52 Protection from Effects of High Intensity Radiated Fields (HIRF)



- CRI F-53 Protection from Effect of Lightning Strike -
Direct Effects
- CRI F-54 Protection from Effect of Lightning Strike -
Indirect Effects
4. Deviations: None
5. Equivalent Safety Findings: None
6. Environmental Standards: ICAO Annex 16, Volume I, Chapter 10, 10.4b
(further details refer to TCDSN.IM.A.516)

A.III. Technical Characteristics and Operational Limitations

1. Type Design Definition: Master Drawing List RC011000, latest FAA approved Revision
2. Description: Single-engine, composite, four-place, low wing airplane, fixed tricycle landing gear.
3. Equipment: See Original delivery documents,
For Minimum Equipment List refer to AFM
4. Dimensions:
- | | |
|-----------|------------------------------------|
| Span | 10.9 m (35.8 ft) |
| Length | 7.68 m (25.2 ft.) |
| Height | 2.74 m (9.0 ft) |
| Wing Area | 13.1 sq.m (141.2 ft ²) |
5. Engine:
- 5.1.1 Model: Teledyne Continental TSIO-550-C
- 5.1.2 Type Certificate: The EASA Engine Type Certificate standard includes that of FAA TCDS E550, based on individual EU member state acceptance or certification of this standard prior to 28 September 2003; Other standards conforming to TC/TCDS standards certified by individual EU member states prior to 28 September 2003 are also acceptable.



5.1.3 Limitations: For all operations: 2600 RPM (310 hp)

6. (Reserved):

7. Propellers: Hartzell Model HC-H3YF-1RF/F7693DF or HC-H3YF-1RF/F7693DFK.
Hartzell Spinner Assembly, Part No. C-6446-1

The EASA Propeller Type Certification standard includes that of FAA TC P35EA, based on individual EU member state acceptance or certification of this standard prior to 28 September 2003; Other standards conforming to TC/TCDS standards certificated by individual EU member States prior to 28 September 2003 are also acceptable.

Maximum Diameter: not over 1.98 m (78.0 in.) Minimum Diameter: not under 1.96 m (77.0 in. Number of Blades: 3

8. Fluids:

8.1 Fuel: 100/100LL minimum grade aviation gasoline

8.2 Oil: MIL-C-6529 or SAEJ1966 Aviation Grade Straight Mineral Oil, for first 25 engine hours. After 25 engine hours, MHS-24 Aviation Grade Ashless Dispersant Oil.

8.3 Coolant: Not applicable

9. Fluid capacities:

9.1 Fuel: Total: 401 litres (106 US Gallons)
Usable: 386 litres (102 US Gallons)

9.2 Oil: 7.6 litres (8.0 qts.) drainable. See FAA Engine TCDS E5SO

9.3 Coolant system capacity: Not Applicable

10. Air Speeds:

Design Manoeuvring Speed	V _A	158 KIAS (162 KCAS)
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Flaps Extended	V _{FE}	117 KIAS (120 KCAS)
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Maximum Cruising	V _{NO}	181 KIAS (185 KCAS)
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Speed

11. Maximum Operating Altitude: 4267.2 m (14,000 ft) MSL without FAA approved Oxygen system installed.
5486.4 m (18,000 ft) MSL or
7620 m (25,000 ft) MSL with FAA approved Oxygen system installed
12. Allweather Operations Capability: VFR Day, VFR Night, IFR
Flights into Known or Forecast Icing Conditions is prohibited.
13. Maximum Weights:
- | | |
|----------|--------------------|
| Take-Off | 1633 kg (3600 lbs) |
| Landing | 1551 kg (3420 lbs) |
| Ramp | 1633 kg (3600 lbs) |
14. Centre of Gravity Range:
- Forward Limits:** Straight line variation from 2.667 m (105 inc) aft for datum at 1179.34 kg to 1315.42 kg (2600 to 2900 lbs.) to 2.763 m (108.8 in) aft of datum at 1633 kg (3600 lbs.).
- Aft Limits:** 2.8448 m (112 in.) aft of datum at 1315.42 kg to 1633 kg (2900 to 3600 lbs.)
15. Datum: The forward edge of the wing saddle is located 2.465 m (97.05 inches) aft of the reference datum. Refer to the latest revision of *Model LC41-550FG/T240 Airplane Maintenance Manual*, Document No. 400MM02 or later revisions for detailed instructions.
16. (Reserved):
17. Levelling Means: Plumb target and plumb line hanger are located in the rear seat area.
18. Minimum Flight Crew: One (Pilot)
19. Maximum Passenger Seating Capacity: 3
20. (Reserved):



21. Baggage/Cargo Compartments: 9.07 kg (20 lbs.) allowed on the hat shelf
54.43 kg (120 lbs.) total.

Wheels and Tyres	Nose Wheel Tyre Size	5.00 - 5
	Main Wheel Tyre Size	6.00 - 6

22. Component Operation Time: Refer to Maintenance Manual

23. Additional Limitations: Airframe Life Limit: 25,200 flight hours.

A.IV. Operating and Service Instructions

1. Airplane Flight Manual (AFM):

Airplane Serial Numbers 41002 through 41041 (5426.2 m i.e. 18000 ft MSL, max operating altitude): The latest FAA approved revision of "Pilots Operating Handbook and Airplane Flight Manual", Document no. RC050000. (Note: Maximum operating altitude is increased to 7620 m i.e. 25,000 ft MSL if modified in accordance with Lancair Service Letter SL-04-010 and equipped with the latest FAA Approved Revision of "Pilots Operating Handbook and Flight Manual", Document no.RC050002.)

Airplane Serial Numbers 41042 and On (7620 M i.e. 25,000 ft MSL max. operating altitude): The latest FAA Approved Revision of "Pilots Operating Handbook and Flight Manual", Document no. RC050002 or RC050005 as appropriate for the avionics package installed when the airplane was produced.

The required equipment for various types of operations is specified in Appendix A of Section 6 of the latest FAA Approved Revision of Documents RC050000, RC050002 or RC050005 (as required above).

2. Airplane Maintenance Manual (AMM):
(Including Airworthiness Limitations)

Model LC41-550FG/T240 Maintenance Manual Document No. 400MM02, latest revision



A.V. N/A

A.VI. Notes:

The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the airplane for certification.

NOTE 1: A current weight and balance report with a list of equipment included in the certified empty weight must be provided for each aircraft at the time of original airworthiness certification.

NOTE 2: FAA Approved Pilot's Operating Handbook and FAA Approved Airplane Flight Manual (AFM/POH): Part No. RC050005 or later FAA approved revisions are applicable to the Model LC41-550FG. The Airplane must be operated according to the appropriate AFM or POH/AFM. Required placards are included in the AFM or POH/AFM.

NOTE 3: Exterior colours are limited to those specified in the latest FAA approved revision to Chapter 4 of "*LC41-550FG/T240 Airplane Maintenance Manual*" Document No. 400MM02 , latest version.

NOTE 4: Production Basis: Production Certificate No. PC-4 dated December 5, 2007 for serial numbers 411001 and up. Previous Production Certificate No. 719NM, dated November 1, 2005.

NOTE 5 Major structural repairs must be accomplished by an appropriate FAA certified person qualified to perform maintenance on composite aircrafts structure, using materials and processes in accordance with the FAA approved Cessna Aircraft Company "LC-550FG series Structural Repair Manual", Document no. 30/40SR00 or later revision, or other methods approved by the FAA. Material compatibility, environmental effects, strength, fatigue, lightning protection and flutter must be addressed in any major structural repair.



SECTION B: LC42-550FG

B.I. General

This data sheet, which is a Restricted Type Certificate, prescribes conditions and limitations under which the product for which Restricted Type Certificate was issued meets the airworthiness requirements of the European Aviation Safety Agency.

1. a) Type: LC42-550FG
b) Model: LC42-550FG
c) Variant: N/A
2. Airworthiness Category: 14 CFR 23 Utility Category
3. Type Certificate Holder: Textron Aviation Inc.
One Cessna Boulevard
P.O. Box 7704
Wichita, Kansas 67277
USA
4. Manufacturer: Textron Aviation Inc.
One Cessna Boulevard
P.O. Box 7704
Wichita, Kansas 67277
USA
5. Certification Application Date: 31 May 2011
6. FAA Type Certification Date: 30 March 2003
7. EASA Restricted Type Certificate Date: 15 Mar 2013

B.II. EASA Restricted Certification Basis

1. Reference Date for determining the applicable requirements: 24 Oct 2002
2. Airworthiness Requirements: JAR 23, Amdt 1 dated 01 February 2001
3. Special Conditions:

CRI B-52 Human Factors – Integrated Avionics
CRI F-51 Equipment, Systems and Installations
CRI F-05 Databases and Configuration Files
CRI F-06 Digital Devices Design Assurance
CRI F-07 Software Aspects of Certification, Application



- of DO-178B Field Loadable Software and user modifiable Software
CRI F-52 Protection from Effects of High Intensity Radiated Fields (HIRF)
CRI F-53 Protection from Effect of Lightning Strike - Direct Effects
CRI F-54 Protection from Effect of Lightning Strike - Indirect Effects
5. Deviations: None
6. Equivalent Safety Findings: None
6. Environmental Standards: ICAO Annex 16, Volume I, Part II
(further details refer to TCDSN.IM.A.516)

B.III. Technical Characteristics and Operational Limitations

1. Type Design Definition: Master Drawing List RB011000, latest FAA approved Revision
2. Description: Single-engine, composite, four-place, low wing airplane, fixed tricycle landing gear.
3. Equipment: See Original delivery documents,
For Minimum Equipment List refer to AFM
4. Dimensions:
- | | |
|-----------|------------------------------------|
| Span | 10.92 m (35.8 ft) |
| Length | 7.68 m (25.2 ft.) |
| Height | 2.74 m (9.0 ft) |
| Wing Area | 13.1 sq.m (141.2 ft ²) |
5. Engine:
- 5.1.1 Model: Teledyne Continental IO-550-N
(Refer Engine TCDS EASA.IM.E.100)
- 5.1.2 Type Certificate: The EASA Engine Type Certificate standard includes that of FAA TCDS E3SO; based on individual EU member state acceptance or certification of this standard prior to 28



September 2003. Other standards conforming to TC/TCDS standards certified by individual EU member states prior to 28 September 2003 are also acceptable.

5.1.3 Limitations: For all operations: 2700 RPM (310 hp)

6. (Reserved):

7. Propellers: McCauley Propeller Model D3A34C444/78MLA-0 and McCauley Spinner E-7819 (see Note 6)
IM.P.190

8. Fluids:

8.1 Fuel: 100/100LL minimum grade aviation gasoline

8.2 Oil: MIL-C-6529 or SAEJ1966 Aviation Grade Straight Mineral Oil, for first 25 engine hours. After 25 engine hours, MHS-24 Aviation Grade Ashless Dispersant Oil.

8.3 Coolant: Not applicable

9. Fluid capacities:

9.1 Fuel: Total: 401 litres (106 US Gallons)
Usable: 386 litres (102 US Gallons)

9.2 Oil: 7.60 litres (8.0 qts.) drainable. See Engine TCDS E3SO

9.3 Coolant system capacity: Not Applicable

10. Air Speeds:

Design Manoeuvring Speed	V_A	148 KIAS (149 KCAS)
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Flaps Extended	V_{FE}	119 KIAS (120 KCAS)
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Maximum Cruising Speed	V_{NO}	178 KIAS (180 KCAS)
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Note: V_{NO} decreases by 4 KIAS for each 1000 ft above 12,000 feet (pressure altitude)



11. Maximum Operating Altitude: 4267.2 m (14,000 ft) MSL without FAA approved Oxygen system installed.
5486.5 m (18,000 ft) MSL with FAA approved Oxygen system installed
12. All weather Operations Capability: VFR Day, VFR Night, IFR
Flights into Known or Forecast Icing Conditions is prohibited.
13. Maximum Weights:
- | | |
|----------|--------------------|
| Take-Off | 1542 kg (3400 lbs) |
| Landing | 1465 kg (3230 lbs) |
| Ramp | 1542 kg (3400 lbs) |
14. Centre of Gravity Range:
- Forward Limits:** Straight line variation from 2.6162 m (103 in.) aft for datum at 1016.05 kg to 1133.98 kg (2240 to 2500 lbs.) then to 2.7178 m (107 in) aft of datum at 1542.21 kg (3400 lbs.).
- Aft Limits:** 2.794 m (110 in.) aft of datum at 1133.98 kg to 1542.21 kg (2500 to 3400 lbs.)
15. Datum: The forward edge of the wing saddle is located 2.465 m (97.05 inches) aft of the reference datum. Refer to the latest revision of "LC42-550FG Airplane Maintenance Manual", Document No. 350MM02 or later version for detailed instructions.
16. other limitations: According approved AFM Supplement S10 (see Note 7)
17. Levelling Means: Plumb target and plumb line hanger are located in the rear seat area.
18. Minimum Flight Crew: One (Pilot)
19. Maximum Passenger Seating Capacity: 3
20. (Reserved):
21. Baggage/Cargo 9.07 kg (20 lbs.) allowed on the hat shelf



Compartments: 54.43 kg (120 lbs.) total.

Wheels and Tyres	Nose Wheel Tyre Size	5.00 - 5
	Main Wheel Tyre Size	6.00 - 6

22. Component Operation Time: Refer to Maintenance Manual

23. Additional Limitations: Airframe Life Limit: 25,200 flight hours.

B.IV. Operating and Service Instructions

- | | |
|--|---|
| 1. Airplane Flight Manual (AFM): | Document No. RB050000 or RB050005 as appropriate with the avionics package installed, latest approved revision. The required equipment for various types of operations is specified in Appendix A to Section 6. |
| 2. Airplane Maintenance Manual (AMM):
(Including Airworthiness Limitations) | LC42-550FG Document No. 350MM02, latest revision |

B.V. N/A

B.VI. Notes:

The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the airplane for certification.

- NOTE 1: A current weight and balance report with a list of equipment included in the certified empty weight must be provided for each aircraft at the time of original airworthiness certification.
- NOTE 2: FAA Approved Pilot's Operating Handbook and FAA Approved Airplane Flight Manual (AFM/POH): latest approved revisions of Part No. RB050000 or RB050005 are applicable to the Model LC42-550FG. The Airplane must be operated according to the appropriate AFM or POH/AFM. Required placards are included in the AFM or POH/AFM.
- NOTE 3: Exterior colours are limited to those specified in the latest FAA approved revision to Chapter 4 of "LC42-550FG Airplane Maintenance Manual" Document No. 350MM02 or later version.



- NOTE 4: Production Basis: Production Certificate No. PC-4 dated December 5, 2007 for serial numbers 411001 and up. Previous Production Certificate No. 719NM, dated November 1, 2005.
- NOTE 5: Major structural repairs must be accomplished by appropriate certified organization qualified to perform maintenance on composite aircraft structure, in accordance with approved Cessna Aircraft Manufacturing repair methods or other approved methods.. Material compatibility, environmental effects, strength, fatigue, lightning protection, and flutter must be addressed in any major structural repair.
- NOTE 6: Operation of the original installed Hartzell Propeller PHC-J3YF-1RF/F7691D-1 or PHC-J3YF-1RF/F7691DK-1 because of non-compliance to EASA Noise limit not allowed. Only propeller installations as the notified McCauley Propeller or other equivalent approved by EASA STCs are allowed
- NOTE 7: Operation only allowed iaw. approved AFM Supplement S10 and required placard for RTC: This aircraft complies with FAA requirement FAR 23.221(a)(2) for spin resistance which is retained and not recognized for European operation. Any spin entry manoeuvres, including intentional stalling, is prohibited.



SECTION C: T240

C.I. General

1. a) Type: Cessna LC Series (T240)
b) Model: T240
c) Variant: N/A
2. Airworthiness Category: 14 CFR 23 Utility Category
3. Type Certificate Holder: Textron Aviation Inc.
One Cessna Boulevard
P.O. Box 7704
Wichita, Kansas 67277
USA
4. Manufacturer: Textron Aviation Inc.
One Cessna Boulevard
P.O. Box 7704
Wichita, Kansas 67277
USA
5. Certification Application Date: 19 November 2012
6. FAA Type Certification Date: 23 January 2013
7. (Reserved)

C.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements: 15 September 2010
2. Airworthiness Requirements: JAR 23, Amdt 1 dated 01 February 2001
CS 23, Amdt 1 dated 12 February 2009 for CS23.1419
3. EASA Special Conditions:
CRI B-52 Human Factors – Integrated Avionics
CRI F-52 Protection from Effects of High Intensity Radiated Fields (HIRF)
CRI F-54 Protection from Effect of Lightning Strike - Indirect Effects
4. Deviations: None



5. Equivalent Safety Findings: None
6. Environmental Standards: ICAO Annex 16, Volume I, Chapter 10, 10.4b
(further details refer to TCDSN.IM.A.516)

A.III. Technical Characteristics and Operational Limitations

1. Type Design Definition: "Airplane Assy, Turbo" Drawing N° 2800000-1, latest FAA approved Revision
2. Description: Single-engine, composite, four-place, low wing airplane, fixed tricycle landing gear, G2000 suite
3. Equipment: See Original delivery documents,
For Minimum Equipment List refer to AFM
4. Dimensions:
- | | |
|-----------|------------------------------------|
| Span | 10.9 m (35.8 ft) |
| Length | 7.68 m (25.2 ft.) |
| Height | 2.74 m (9.0 ft) |
| Wing Area | 13.1 sq.m (141.2 ft ²) |
5. Engine:
- 5.1.1 Model: Teledyne Continental TSIO-550-C
- 5.1.2 Type Certificate: The EASA Engine Type Certificate standard includes that of FAA TCDS E550, based on individual EU member state acceptance or certification of this standard prior to 28 September 2003; Other standards conforming to TC/TCDS standards certified by individual EU member states prior to 28 September 2003 are also acceptable.
- 5.1.3 Limitations: For all operations: 2600 RPM (310 hp)
6. (Reserved):



7. Propellers: Hartzell Model HC-H3YF-1RF/F7693DF or HC-H3YF-1RF/F7693DFK.
Hartzell Spinner Assembly, Part No. C-6446-1
The EASA Propeller Type Certification standard includes that of FAA TC P35EA, based on individual EU member state acceptance or certification of this standard prior to 28 September 2003; Other standards conforming to TC/TCDS standards certificated by individual EU member States prior to 28 September 2003 are also acceptable.

Or

McCaughey Model D3A34C447/78MLB-0
EASA.IM.P.190

Maximum Diameter: not over 1.98 m (78.0 in.) Minimum Diameter: not under 1.96 m (77.0 in. Number of Blades: 3
Need to also list McCaughey listed on page 10 of FAA TCDS

8. Fluids:

8.1 Fuel: 100/100LL minimum grade aviation gasoline

8.2 Oil: MIL-C-6529 or SAEJ1966 Aviation Grade Straight Mineral Oil, for first 25 engine hours. After 25 engine hours, MHS-24 Aviation Grade Ashless Dispersant Oil.

8.3 Coolant: Not applicable

9. Fluid capacities:

9.1 Fuel: Total: 401 litres (106 US Gallons)
Usable: 386 litres (102 US Gallons)

9.2 Oil: 7.6 litres (8.0 qts.) drainable. See FAA Engine TCDS E5SO

9.3 Coolant system capacity: Not Applicable

10. Air Speeds:

Design Manoeuvring Speed	V _A	158 KIAS (162 KCAS)
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Flaps Extended	V _{FE}	117 KIAS (120 KCAS)
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Maximum Cruising Speed	V _{NO}	181 KIAS (185 KCAS)
11. Maximum Operating Altitude:	4267.2 m (14,000 ft) MSL without FAA approved Oxygen system installed. 5486.4 m (18,000 ft) MSL or 7620 m (25,000 ft) MSL with FAA approved Oxygen system installed	
12. Allweather Operations Capability:	VFR Day, VFR Night, IFR FIKI (NOTE 6)	
13. Maximum Weights:		
Take-Off		1633 kg (3600 lbs)
Landing		1551 kg (3420 lbs)
Ramp		1633 kg (3600 lbs)
14. Centre of Gravity Range:		
Forward Limits:	Straight line variation from 2.667 m (105 inc) aft for datum at 1179.34 kg to 1315.42 kg (2600 to 2900 lbs.) to 2.763 m (108.8 in) aft of datum at 1633 kg (3600 lbs.).	
Aft Limits:	2.8448 m (112 in.) aft of datum at 1315.42 kg to 1633 kg (2900 to 3600 lbs.)	
15. Datum:	The forward edge of the wing saddle is located 2.465 m (97.05 inches) aft of the reference datum. Refer to the latest revision of <i>Model LC41-550FG/T240 Airplane Maintenance Manual</i> , Document No. 400MM02 or later revisions for detailed instructions.	
16. (Reserved):		
17. Levelling Means:	Plumb target and plumb line hanger are located in the rear seat area.	
18. Minimum Flight Crew:	One (Pilot)	
19. Maximum Passenger Seating Capacity:	3	
20. (Reserved):		



21. Baggage/Cargo Compartments: 9.07 kg (20 lbs.) allowed on the hat shelf
54.43 kg (120 lbs.) total.

Wheels and Tyres Nose Wheel Tyre Size 5.00 - 5
Main Wheel Tyre Size 6.00 - 6

22. Component Operation Time: Refer to Maintenance Manual

23. Additional Limitations: Airframe Life Limit: 25,200 flight hours.

A.IV. Operating and Service Instructions

1. Airplane Flight Manual (AFM): AFM (T240POH02) with T240 Serials (T240 2001 and On)

Airplane Serial Numbers 002001 and On (7620 M i.e. 25,000 ft MSL max. operating altitude): The latest FAA Approved Revision of "Pilots Operating Handbook and Flight Manual", Document no. T240POH02) or RC050005 as appropriate for the avionics package installed when the airplane was produced.

The required equipment for various types of operations is specified in Appendix A of Section 6 of the latest FAA Approved Revision of Documents RC050000, RC050002 or RC050005 (as required above).

2. Airplane Maintenance Manual (AMM): Model LC41-550FG/T240 Maintenance Manual Document No. 400MM02, latest revision
(Including Airworthiness Limitations)



A.V. N/A

A.VI. Notes:

The basic required equipment as prescribed in the applicable airworthiness regulations must be installed in the airplane for certification.

- NOTE 1: A current weight and balance report with a list of equipment included in the certified empty weight must be provided for each aircraft at the time of original airworthiness certification.
- NOTE 2: FAA Approved Pilot's Operating Handbook and FAA Approved Airplane Flight Manual (AFM/POH): Part No. T240POH02 or later FAA approved revisions are applicable to the Model T240. The Airplane must be operated according to the appropriate AFM or POH/AFM. Required placards are included in the AFM or POH/AFM.
- NOTE 3: Exterior colours are limited to those specified in the latest FAA approved revision to Chapter 4 of "LC41-550FG/T240 Airplane Maintenance Manual" Document No. 400MM02, latest version.
- NOTE 4: Production Basis: Production Certificate No. PC-4 dated December 5, 2007 for serial numbers 002001 and up. Previous Production Certificate No. 719NM, dated November 1, 2005.
- NOTE 5: Major structural repairs must be accomplished by an appropriate FAA certified person qualified to perform maintenance on composite aircrafts structure, using materials and processes in accordance with the FAA approved Cessna Aircraft Company "LC-550FG series Structural Repair Manual", Document no. 30/40SR00 or later revision, or other methods approved by the FAA. Material compatibility, environmental effects, strength, fatigue, lightning protection and flutter must be addressed in any major structural repair.
- NOTE 6: Compliance with ice protection has been demonstrated iaw. CS 23.1419 when ice protection equipment is installed iaw. airplane equipment list and is operated per approved POH and AFM. Minimum speeds in icing conditions iaw. accepted FAA letter 10605 Docket N° FAA-2012-0822 and outlined in T240PHCUS-S04



ADMINISTRATIVE SECTION

I. Acronyms

A.C. – Advisory Circular
A.D. – Airworthiness Directives
AFM – Airplane Flight Manual
C.G. – Centre of Gravity
CFR – Code of Federal Regulations
CRI – Certification Review Items
CS – Certification Specifications
EASA – European Aviation Safety Agency
EFIS – Electronic Flight Information System
EU – European Union
F.S. – Frame Status
FAA – Federal Aviation Administration
FADEC – Full Authority Digital Engine Control
FC – Flight Crew
FT – Feet
GAL - Gallons
ICAO – International Civil Aviation Organization
IFR – Instrument Flight Rules
KCAS – Knots Calibrated Air Speed
KG – Kilo Grams
KIAS – Knots Indicated Air Speed
LBS – Pounds
L.E. – Leading Edge
MAC – Mean Aerodynamic Chord
MIL – Military Standard
MMEL – Master Minimum Equipment List
N.A.A. – National Aviation Authority
OSD – Operational Suitability Data
RVSM – Reduced Vertical Separation Minimum
S.B. – Service Bulletin
T.O. – Take Off
TC – Type Certificate
TCDS – Type Certificate Data Sheet
TCDSN – Type Certificate Data Sheet - Noise.
TSO – Technical Standards Order
VFR – Visual Flight Rules



II. Type Certificate Holder Record

Since 29 July 2015:

Textron Aviation Inc.
One Cessna Boulevard
P.O. Box 7704
Wichita, Kansas 67277
USA

From 5 Dec 2007 to 28 Jul 2015:

Cessna Aircraft Company
P.O. Box 7704
Wichita, Kansas 67277
USA

Before 5 Dec 2007:

Columbia Aircraft Manufacturing (CAM)
22550 Nelson Road
Bend Municipal Airport
Bend, Oregon 97701
USA

Previously

The Lancair Company (TLC)
22550 Nelson Road
Bend Municipal Airport
Bend, Oregon 97701
USA

III. Change Record

Issue	Date	Changes
Issue 01	19 Feb 2006	Initial Release
Issue 02	15 Mar 2013	Addition of Model LC42-550FG and change to new format. Corrected information for Model LC41-550FG.
Issue 03	17 Dec 2015	TC holder transfer from Cessna Aircraft Company to Textron Aviation Inc. Corrections throughout all documents
Issue 04	21 July 2016	Addition of Model T240
Issue 05	21 June 2018	Alignment of Type name

