



This document was created to make public the list of affected areas and associated requirements that resulted from the application of the paragraph 21.A.101 of Annex I to Regulation (EU) 748/2012 for certain type certificate changes classified as Significant or that led to the definition of a new model.

The information hereby presented shall be read in conjunction with the TCDS EASA.A.064.

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MODIFICATION	A319/A320/A321 NEO
NUMBER	References for internal use only: 161000, 161003, 163955,
	162680, 161002, 161005, 161006, 162038, 162681
CRI REFERENCE:	A-0001-002

The below listed requirements are intended to be applicable at CS 25 Amdt 11 unless otherwise specified.

The following grouping of changes are defined:

- Airframe changes: refers to the airframe structure changes within sections 11/12, 13/14, 14A, 15, 16A, 16/17, 18, 19 and wing local reinforcements
- Powerplant structure: refers to new pylon, engine mounts and nacelles specific for new PW1100G and CFM LEAP-1A engines

The list of affected areas and related requirements is identified as follows:

- Airframe changes (fuselage only): 25.365 (a) (b) (c) (d) (e)(1)
- Powerplant structure (nacelle inlet only): 25.631
- Airframe changes and Powerplant structure: 25.305 (a) (b) (c) (e) (f), 25.307 (a) (d), 25.571 (a) (b) (c) (d) (e), 25.601, 25.603 (a) (b) (c), 25.605 (a) (b), 25.607 (a) (b), 25.609 (a) (b), 25.613 (a) (b) (c) (d) (e) (f), 25.619 (a) (b) (c), 25.623 (a) (b), 25.625 (a) (b) (c) (d), 25.867, 25.903(c)(d1)
- Additional decompression panel: 25.855 (c)
- Autoflight software, ELAC software: 25.671 (a) (b) (c) (d)
- High lift system (flap deflection increase): 25.651, 25.671 (b)(c)(d), 25.683(b) at CS25
 Amdt 8
- Wing ice shapes: 25.1419 (a) (b) (c) (d) at CS25 Amdt 2
- Engine air intake protection: 25.1419 (a) (b) (c) (d) (e) (f) (g) (h)
- Engine, pylon and nacelle areas: 25.899, 25.951 (a) (b) (c), 25.952 (a) (b), 25.981, 25.993 (a) (b) (c) (d) (e), 25.995, 25.1353 (a) (b), 25.1701 (a) (b) (c), 25.1703 (a) (b) (d) (e), 25.1705 (a) (b), 25.1707 (a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l), 25.1709 (a) (b), 25.1711 (a) (b) (c) (d) (e), 25.1713 (a) (b) (c), 25.1715 (a) (b), 25.1717, 25.1719, 25.1723, 25.1725 (a) (b), 25.1727, 25.1731 (a) (b)
- New PPS and associated systems (EBAS, EBU and EIU): 25.863, 25.865, 25.869, 25.904, 25.933(a), 25.934, 25.939(a)(c), 25.943, 25.954, 25.955(a), 25.997 (a) (b) (c)





(d), 25.999 (a) (b), 25.1011 (a) (b), 25.1013 (a) (b) (c) (d) (e) (f), 25.1015 (a) (b), 25.1017 (a) (b), 25.1019 (a), 25.1021 (a) (b), 25.1023 (a) (b), 25.1025 (a) (c), 25.1041, 25.1043 (a) (b) (c), 25.1045 (a) (b) (c), 25.1091 (a) (b) (c) (d) (e), 25.1093 (b), 25.1103 (b) (c) (d), 25.1121 (a) (b) (c) (d) (f) (g), 25.1123 (a) (b) (c), 25.1141 (a) (b) (c) (d) (e) (f), 25.1143 (a) (b) (c) (d) (e), 25.1145 (a) (b) (c), 25.1155 (a) (b) (c) (d) (e), 25.1163 (a) (b) (c), 25.1165 (a) (b) (c) (e) (f) (h), 25.1167 (a) (b) (c), 25.1181 (a) (b), 25.1182 (a) (b), 25.1183 (a) (b) (c), 25.1185 (a) (b) (c), 25.1187 (a) (b) (c) (d) (e), 25.1189 (a) (b) (d) (e) (f), 25.1191 (a) (b), 25.1193 (a) (b) (c) (d) (e), 25.1301, 25.1305 (a) (c) (d), 25.1309, 25.1316 (a) (b) (c), 25.1337 (a) (c) (d), 25.1557, 25.1549 (a) (b) (c) (d), 25.1551, 25.1557 (b)

Fuel system component in the pylon and powerplant system area: 25.994

- All areas except engine and pylon areas: 25.981 at CS25 Amdt 1

Acronyms

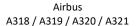
EBAS: Engine Bleed Air System

EBU: Engine Build Up

EIU: Engine Interface Unit

ELAS: Elevator Aileron Computer

PPS: Powerplant System





MODIFICATION	A319/A320/A321 Sharklet
NUMBER	References for internal use only: 160023, 160080, 160500
CRI REFERENCE:	A-0001-001

The below listed requirements are intended to be applicable at CS 25 Amdt 8 unless otherwise specified.

The following grouping of changes are defined:

Airframe changes: Refers to the airframe structure changes within Section 21 (Centre Wing Box), Section 22, Section 29 (wing outer boxes) reinforced outside of rib 12, new Rib27, Sharklet device component itself.

The list of affected areas and related requirements is identified as follows:

- Airframe changes: 25.305 (a) (b) (c) (e) (f), 25.307 (a) (d), 25.343, 25.365 (a) (b) (d), 25.571 (a) (b), 25.581, 25.601, 25.603, 25.605 (a) (b), 25.607, 25.609, 25.613, 25.619, 25.623, 25.625, 25.631, 25.651, 25.683 (b), 25.903 (d).
- Strobe and navigation lights installed in the Sharklet device: 25.581, 25.1401 (b)

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MODIFICATION NUMBER	A319/A320/A321 MaxPax References for internal use only: 156723, 157272, 157777, 158708, 158819, 159533, 159534, 159535, 159536
CRI REFERENCE:	A-0001-004, A-0001-005, A-0001-006, A-0001-007, A-0001-008, A-0001-010

The below listed requirements are intended to be applicable at the CS 25 Amdt level as identified in the EASA TCDS for the corresponding modification.

The following grouping of changes are defined:

- Airframe changes: slide/raft or wide slides
- Cabin interior: additional seats, adaptation of lighting system, adaptation of oxygen system, adaptation of overhead stowage compartment system and emergency lighting, marking and placards

The list of affected areas and related requirements is identified as follows:

- Airframe changes: 25.305(a) (b), 25.307(a), 25.321, 25.331, 25.341, 25.351, 25.365
 (a), 25.473, 25.479 (a) (c) (d), 25.481 (a) (c), 25.489, 25.571.
- Cabin interior: 25.801(d), 25.803 (c),25.807 (g), 25.1357(a), 25.1431, 25.1541 (a) and 25.1557 (a)



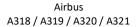
MODIFICATION NUMBER	ACJ A320 NEO
CRI REFERENCE:	A-0001-012

The below listed requirements are intended to be applicable at CS 25 Amdt 16 unless otherwise specified.

The following grouping of changes are defined:

- Airframe changes
- Additional Centre Tanks installation
- Cargo modifications
- Fire protection modifications
- Airframe changes: 25.301 (a), 25.302, 25.303, 25.305 (a) (b) (c), 25.307 (a), 25.321, 25.331, 25.341 (a) (b), 25.343 (a) (b3), 25.351, 25.365 (a) (b) (d) (e) (f), 25.473, 25.479 (a) (c) (d), 25.481 (a) (c), 25.489, 25.561, 25.571 (a) (b) (c) (e1) (e4), 25.611, 25.619, 25.625, 25.629 (a) (b) (c) (d) (e), 25.631, 25.721 (b), 25.723 (b), 25.843 (a), 25.901 (c), 25.903 (c) (d1), 25.963 (a) (b) (c) (d1) (d3) (d4) (e1) (e2) (f), 25.994.
- Additional Center Tanks installation and associated cargo modifications: 25.581 (a) (b) (c), 25.777 (a), 25.899 (a) (b), 25.943, 25.951 (c), 25.952 (a), 25.954 (a) (b) (c), 25.957, 25.959, 25.965 (a) (b) (c) (d), 25.967 (a) (b) (e), 25.969, 25.971 (a) (b) (c), 25.975 (a), 25.977 (a) (c) (d), 25.979 (b) (c) (d) (e), 25.981 (a) (b) (d), 25.993 (a) (b) (c) (d) (e) (f), 25.995 (b), 25.999 (a) (b), 25.1141 (a) (f), 25.1189 (h), 25.1301 (a) (b), 25.1302 (a) (b) (c), 25.1305 (a)(2), 25.1309 (a) (b) (c) (d), 25.1310, 25.1315, 25.1316 (a) (b) (c), 25.1337 (b), 25.1353(a), 25.1381 (a) (b), 25.1431 (a) (c) (d), 25.1543 (b), 25.1553, 25.1555 (a) (c), 25.1703 (a1)(a2)a(3)(a4) (b) (d), 25.1705 (a) (b4) (b9) (b16), 25.1707 (a) (b) (c) (e) (l), 25.1709 (a) (b), 25.1711 (a) (b) (c) (d) (e), 25.1713, 25.1715 (a) (b), 25.1719, 25.1721, 25.1723, 25.1725(b)
- Cargo modifications: 25.305 (a) (b), 25.307 (a), 25.365 (e), 25.561 (b3), 25.601, 25.855 (c), 25.901 (c), 25.1301 (a1) (a2) (a3), 25.1309 (a) (b) (g), 25.1519, 25.1541, 25.1557 (a) at CS25 Amdt 11







Fire protection modifications: 25.851 (b)(2), 25.855 (a) (c) (e) (f) (g) (h1) (h2) (h3),
 25.857, 25.858, 25.863 (a) (b) (c) (d), 25.869, 25.901 (c), 25.1301 (a) (b), 25.1713





MODIFICATION NUMBER	ACF A321 NEO References for internal use only: 160766
CRI REFERENCE:	A-0001-003

The below listed requirements are intended to be applicable at CS 25 Amdt 15 unless otherwise specified.

The following grouping of changes are defined:

- **Airframe changes**: refers to the airframe structure changes within sections 13/14/14A/15/16/17/21 and wing local reinforcements
- New Exit arrangement: New OWD, New slides, Door 3 relocation, cabin interior
- MLG structural reinforcement
- Cargo compartment/ fire prevention
- MLG system
- High lift systems
- FWS
- EIS

The list of affected areas and related requirements is identified as follows:

- Airframe changes

<u>Structure</u>: 25.305 (a) (b), 25.307 (a), 25.561, 25.571 (a) (b) (c) (e1), 25.581, 25.601, 25.603, 25.605, 25.609, 25.613, 25.619, 25.625, 25.899, 25.903(c)(d1), 25.963(a) <u>MLG local reinforcement</u>: 25.305 (a) (b), 25.581, 25.601, 25.603, 25.605, 25.609, 25.613, 25.619, 25.625, 25.571 (c), 25.843 (a), 25.899.

Fuselage only: 25.365 (a) (b) (d), 25.963 (a).

Cabin & cargo Compartment: 25.365 (e1) (e2) (e3) (f), 25.571(e4).

New Exit arrangement: New OWD, New slides, Door 3 relocation, cabin interior New OWDs: 25.581, 25.607, 25.621, 25.623, 25.783, 25.809 (a) (b) (c) (e) (f) (g) (i), 25.810 (a1) (c) (d), 25.811, 25.843 (b4), 25.853 (a)(d1), 25.856, 25.899, 25.903 (d1), 25.1301 (a), 25.1309 (a) (b) (c), 25.1316, 25.1353 (a) (b) (e), 25.1360, 25.1431 (a) (c) (d).

Emergency lighting for new OWDs: 25.812 (a) (b1) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l)

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- <u>Door 3 relocation:</u> 25.783 (e) (4), 25.811, 25.812 (a) (b1) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l), CS 25 amendment 11: 25.809(a)
- New slides (at OWD and Door 3): 25.561, 25.611 (b), 25.803(a) (c), 25.810 (a1) (c) (d), 25.899, 25.903 (d1), 25.1301(a) (b), 25.1309 (a) (b) (d), 25.1360, 25.1411, 25.1703 (a) (b) (d), 25.1705 (a), 25.1707 (a) (d) (l), 25.1709, 25.1711 (a) (c) (d) (e), 25.1713 (a) (c), 25.1715, 25.1717, 25.1719, 25.1721 (a) (b), 25.1725 (b)
- Wide slides (Door 1 & 4) 25.803(a) (c), 25.810 (a1) (c) (d), 25.1353(a) (b)
- Cabin interior: 25.562 (a) (b) (c1) (c2) (c3) (c4) (c7) (c8), 25.795(c3i), 25.803(a) (c), 25.807 (a3) (a9) (b) (c) (e) (f) (g) (i), 25.812 (e1) (e2) (k) (I), 25.813 (a) (b) (c), 25.1411, 25.1541, 25.1557 (a) (c), 25.1561.
 EPSU, over Wing emergency lights 25.581, 25.869 (a1) 25.899, 25.1301 (a), 25.1309 (a) (b), 25.1360, 25.1431 (a) (c) (d).
- **Cargo compartment/ fire prevention:** 25.855 (a) (c), 25.857, 25.858, 25. 863 (a) (b) (d), 25. 869 (a1), 25.1301 (a), 25.1309 (a).
- **MLG system:** 25.723, 25.729 (a) (b) (d) (e), 25.731 (a) (b) (c), 25.733(b) (c) (d), 25.735 (a) (f2).
- **High lift systems:** 25.345 (a) (b) (d).
- **FWS:** 25.703(b)(c), 25.783 (e3) (e4), 25.1305 (c6) (c7).
- **EIS:** 25.783(e3).





MODIFICATION	Up to 3 ACT Elect to comply
NUMBER	References for internal use only: 163213
CRI REFERENCE:	A-001-009

The Certification basis of the Up to 3 ACTs project, are based on A321neo ACF with the addition of the Elect to comply A-001-009. The below listed requirements are intended to be applicable at CS 25 Amdt 15.

The following grouping of changes are defined:

- Airframe changes: ACTs installation structure Changes in lower lobe fuselage
- Additional Centre Tanks (ACT) installation
- Cargo modifications
- Fire detection/ protection modifications
- Airframe changes: 25.305 (a) (b), 25.307 (a), 25.561(b) (c) (d), 25.571 (a) (b), 25.601,
 25.603, 25.605, 25.609, 25.613, 25.619, 25.625, 25.721 (b), 25.903 (d1),
- Additional Center Tanks (ACT) installation: 25.581 (a) (b) (c), 25.611 (b), 25.855 (e) (f) (g) (h), 25.856 (b), 25.863 (a) (b) (c) (d), 25.869 (a1) (a3), 25.899, 25.943, 25.951 (c), 25.952 (a), 25.954, 25.957, 25.959, 25.963 (a) (b) (c) (d) (e) (f), 25.965 (a) (b) (c) (d), 25.967 (a) (b) (e), 25.969, 25.971 , 25.975 (a), 25.977 (a) (c) (d), 25.979 (b) (c) (d) (e), 25.981 (a) (b) (d), 25.993 , 25.994 &25J994, 25.995 (b), 25.999 (a) (b), 25.1189 (h), 25.1301 (a) (b), 25.1302 (a) (b) (c), 25.1305 (a2), 25.1309 (a) (b) (c) (d), 25.1310, 25.1315, 25.1316, 25.1337 (b), 25.1353(a), 25.1431 (a) (c) (d), 25.1553, 25.1703 (a) (b) (d), 25.1705 (a) (b), 25.1707 (a) (b) (c) (e) (l), 25.1709, 25.1711, 25.1713(a) (b) (c), 25.1715 (a) (b), 25.1717, 25.1719, 25.1721 (b), 25.1723, 25.1725 (b) Cockpit controls/panel: 25.777 (a), 25.1141 (a) (b) (c) (d) (f), 1302 (a) (b) (c), 25.1381, 25.1543 (b), 25.1555 (a) (c)

Service area light installation for fwd ACT: 25.581, 25.869 (a1), 25.899

- Cargo compartment: 25.305 (a) (b), 25.307 (a), 25.787 (c), 25.955 (e) (f) (g) (h), 25.1301 (a), 25.1309 (a) (b), 25.1541, 25.1360, 25.1557 (a)
- Fire extinguishing adaptation when ACT installed in cargo compartment: 25.851
 (b2), 25.869 (a3), 25.1301 (a), 25.1309 (a), 25.1713
 - Cockpit controls/panel: 25.1381, 25.1555 (a)

*** * * *_{**}* $\label{lem:decomposition} \mbox{Disclaimer} - \mbox{This document is not exhaustive and it will be updated gradually}.$



MODIFICATION	ACJ A319 NEO
NUMBER	References for internal use only: 163214, 163216, 162337,
	23398, 162193
CRI REFERENCE:	A-001-011

The below listed requirements are intended to be applicable at CS 25 Amdt 16 unless otherwise specified.

The following grouping of changes are defined:

- Airframe changes to support ACTs installation
- ACTs installation and associated cargo installation
- Fire protection modifications to support ACTs installation

Airframe changes

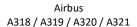
25.235, 25.301 (a) (b) (c), 25.302, 25.303, 25.305 (a) (b) (c) (e) (f), 25.307 (a), 25.321 (a) (b) (c) (d), 25.331 (a) (b) (c), 25.333 (a) (b), 25.335 (a) (b) (c) (d) (e) (f), 25.337 (a) (b) (c), 25.341 (a) (b) (c), 25.343 (a) (b1) (b2) (b3), 25.351 (a) (b) (c) (d), 25.361 (a), 25.362 (a) (b), 25.363 (a) (b), 25.365 (a) (b) (d) (e) (f), 25.367 (a) (b), 25.371, 25.373 (a) (b), 25.391 (a) (b) (d) (e), 25.427 (a) (b) (d), 25.445 (a), 25.457, 25.459, 25.471 (a) (b), 25.473 (a) (b) (c) (d) (e), 25.479 (a) (c) (d), 25.481 (a) (c), 25.483 (a) (b), 25.485 (a) (b), 25.489, 25.491, 25.493 (b) (c) (d) (e), 25.495, 25.499 (a) (b) (c) (d) (e), 25.503 (a) (b), 25.507 (a) (b), 25.509 (a) (c) (d), 25.511 (a) (b) (c) (d) (e) (f), 25.519 (a) (b) (c), 25.561 (a) (b) (c) (d), 25.721 (b), 25.723 (b), 25.843 (a), 25.901 (c), 25.903 (c) (d1), 25.963 (a) (b) (c) (d1) (d3) (d4) (e1) (e2) (f), 25.994

25.365 (e) (2) (3) (f) (g) at JAR25 Change 13

ACTs Installation

25.581 (a) (b) (c), 25.777 (a), 25.899 (a) (b), 25.901 (c), 25.903 (c) (d1), 25.943, 25.951 (c), 25.952 (a), 25.954 (a) (b) (c), 25.957, 25.959, 25.963 (a) (b) (c) (d1) (d3) (d4) (e1) (e2) (f), 25.965 (a) (b) (c) (d), 25.967 (a) (b) (e), 25.969, 25.971 (a) (b) (c), 25.975 (a), 25.977 (a) (c) (d), 25.979 (b) (c) (d) (e), 25.981 (a) (d), 25.993 (a) (b) (c) (d) (e) (f), 25.994, 25.995 (b), 25.999 (a) (b), 25.1141 (a) (b) (c) (d) (f), 25.1189 (h), 25.1301 (a) (b), 25.1302 (a) (b) (c), 25.1305 (a2), 25.1309 (a) (b) (c) (d), 25.1310, 25.1315, 25.1316







(a) (b) (c), 25.1337 (b), 25.1353(a) (b), 25.1381 (a2ii) (b), 25.1431 (a) (c) (d), 25.1543 (b), 25.1553, 25.1555 (a) (c), 25.1703 (a1)(a2)a(3)(a4) (b) (d), 25.1705 (a) (b4) (b9) (b16), 25.1707 (a) (b) (c) (e) (l), 25.1709 (a) (b), 25.1711 (a) (b) (c) (d) (e), 25.1713, 25.1715 (a) (b), 25.1719, 25.1721 (b), 25.1723, 25.1725(b).

- 25.305 (a) (b), 25.307 (a), 25.365 (e), 25.561 (b3), 25.601, 25.855 (c) (e1), 25.901 (b)
 (c), 25.1301 (a1)(a2)(a3), 25.1309 (a) (b), 25.1519 at CS25 Amdt 11.
- 25.1353 (b), 25.1541, 25.1557 (a) at JAR25 Change 11

Fire Protection

25.851 (b2), 25.855 (a) (c) (e) (f) (g)(h1)(h2)(h3), 25.857, 25.858, 25.863 (a) (b) (c) (d),
 25.869, 25.901 (c), 25.1301 (a) (b), 25.1309 (a) (b) (c) (d), 25.1713.