



FAA RS#O32Y396C

**CAPABILITY LIST
CL**

Code: MT-2-02-007

Revision: 10

Date: Sep/30/2024

CAPABILITY LIST CL

***CORPORACIÓN DE LA INDUSTRIA
AERONÁUTICA COLOMBIANA S.A.
CIAC S.A.***

***FAA APPROVED
REPAIR STATION #O32Y396C***

Av. Calle 26 No. 103-08 Entrada 1, Interior 2
Bogotá D.C – Colombia
September 30th, 2024



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Record of revisions

Section below details the history of revision for this manual. This section will have a revision every time the manual is revised. Refer to section “Manual distribution, Control, and revision process”.

All personnel who perform a work for the Repair Station have the responsibility to suggesting changes to the manual to the quality control director or his/her designee when evidence the need to perform a change in the process.

Rev.	Revision date	Inserted by	Reason for revision	Number pages affected	Number section affected
Original	Oct/16/2014	QCD: Gina Garzón	Original Issue	All	All
1	Jul/22/2016	QCD: Gina Garzón	Reissue due to change in logo and document code. Correction in title for Section 4.	All	All
2	Jun/30/2017	QCD: Gilma Russi	Add limited airframe, limited engine, and limited propeller to capability. Limited Ratings: Nondestructive Inspection, Testing and Processing Removed.	7	4, 5, 6
3	Feb/09/2018	QCD: Gilma Russi	Add Airframe Limited: Airbus S.A.S. A318/A319/A320/A321 Series, Limited engine: GE Aviation-SNECMA CFM56-Series, ROLLS ROYCE-PRATT & WHITNEY IAE V2500 Series, PRATT & WHITNEY PW6000 (Only for A318) Add Accessories Limited: CLEVELAND PARKER: 40-140, 40-106, 40-107A, TEXTRON AVIATION: 40-177A, 5002460, 101-8026-5, 040-17900, GOODRICH: 3-1610, 3-1609-1, MABS: 5006856 SERIES, 5002460 SERIES	8	1, 3, 4, 5
4	May/30/2018	QCD: Gilma Russi	Add Airframe Limited: The Boeing Company 737-400 Limited engine: CFM International, S.A. CFM-56-3C-1,CFM-56-3B-2	-	-
5	May/13/2019	QCD: Anngly Kairuz	Modification of manual code Add Airframe Limited: The Boeing Company 737-300/500 Limited engine: CFM International, S.A., CFM-56-3C-1,CFM-56-3B-2	3	4
6	May/26/2021	QCD: Anngly Kairuz	Add Airframe Limited: Airbus 318/319/320/321 Service “C” (7500FH, 7500FC or year up to last multiples); Limited engine: Pratt & Whitney (PW1000G) CFM International, S.A. CFM LEAP-1A Add Airframe Limited: (P/N) D5367320300000, D5367420300000, D5367521000200, D5367531000200, D5367200300000, D5367300100000, D5367400100000, D5367510400000, D5367200400000, D5367201600000, D5367300200000, D5367521100400, D5367531100400, D5367521106800, D5367521100200, D5367531100200, D5367521106600, D5367521100000, D5367531100000, D5367531106400, D5367205900000, D5367301700000		
7	Jan/17/2023	QCD: Anngly Kairuz	Add Airframe Limited: (P/N): D2529450000200, D2529430000200, D2529490000000, D2529496000200, D2529453000200, D2529433000200, D2529490300000, D2529496300200 Limited engine correction P/N PW1000 Series & PW1100 Series to cover all engines of the A320 fam aircraft. Remove items as listed in page vi	3	3, 4, 5



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Rev.	Affected pages	Reason for revision
8	i	The Capability List was modified to revision 8.
	iii	The section “Record of revision” was modified in accordance with the new revision.
	v	The section “Removal control revision” was modified in accordance with the new revision.
	vii	The section “List of effective pages” was modified.
	viii	The section “Manual distribution, control, and revision process” was modified.
	ix	The section “Introduction” was modified.
	4-1	The section “Limited Ratings: Airframe” was modified.
9	i	The Capability List was modified to revision 9.
	iv	The section “Record of revision” was modified in accordance with the new revision.
	vii	The section “Manual distribution, control, and revision process” was modified.
	5-1	The section “Limited Ratings: Nondestructive Inspection, Testing, and Processing” was added.
10	i	The Capability List was modified to revision 10.
	iv	The section “Record of revision” was modified in accordance with the new revision.
	ix	The section “Introduction” was modified.
	-	The self-evaluation date is included to all capabilities.

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Removal control revision

Limited Rating	Component description	Component manufacture	P/N	Reason to Remove
Accessories	Variable displacement hydraulic pump	Eaton	371380	It is no longer economically viable
Accessories	Variable displacement hydraulic pump	Eaton	424244	It is no longer economically viable
Accessories	Variable displacement hydraulic pump	Eaton	623337/9	It is no longer economically viable
Accessories	Centrifugal multiple switch assembly	Honeywell	3602043-X	It is no longer economically viable
Accessories	Centrifugal multiple switch assembly	Garrett	379704-X	It is no longer economically viable
Accessories	Centrifugal multiple switch assembly	Garrett	370929-X	It is no longer economically viable
Accessories	MLG wheel assy	Parker Cleveland	40-177A	There is no longer commercial interest
Accessories	MLG wheel assy	Textron	101-8026-5	There is no longer commercial interest
Accessories	MLG wheel assy	MABS	5006856 Series	There is no longer commercial interest
Accessories	MLG wheel assy	Parker Cleveland	40-179	There is no longer commercial interest
Accessories	MLG wheel assy	Textron	5002460 Series	There is no longer commercial interest
Accessories	MLG wheel assy	MABS	5006858	There is no longer commercial interest
Engine	Engine	Pratt & Whitney Canada	PW 120 / 121 / 121A / 127E / 127F / 127M	The maintenance activities for this capability are performed IAW AMM.
Engine	Engine	GE Aviation – SNECMA	CFM56 Series	The maintenance activities for this capability are performed IAW AMM.
Engine	Engine	Rolls Royce – Pratt & Whitney	IAE V2500 Series	The maintenance activities for this capability are performed IAW AMM.
Engine	Engine	Pratt & Whitney	PW6000 PW1000 Series PW1100 Series	The maintenance activities for this capability are performed IAW AMM.



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Limited Rating	Component description	Component manufacture	P/N	Reason to Remove
Engine	Engine	CFM International S.A.	CFM-56-3C-1 CFM-56-3B-2 CFM LEAP-1A	The maintenance activities for this capability are performed IAW AMM.
Propeller	Propeller	Hamilton Standard	14 SF-5/568F-1	The maintenance activities for this capability are performed IAW AMM.
Airframe	Aircraft	The Boeing Company	737-400	Lack of interest due to commercial projections
Airframe	Aircraft	The Boeing Company	737-300/500	Lack of interest due to commercial projections

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List of effective pages

Page	Revision	Date
i	10	Sep/30/2024
ii	8	Feb/28/2024
iii	8	Feb/28/2024
iv	10	Sep/30/2024
v	8	Feb/28/2024
vi	8	Feb/28/2024
vii	10	Sep/30/2024
viii	8	Feb/28/2024
ix	10	Sep/30/2024
1-1	10	Sep/30/2024
2-1	10	Sep/30/2024
3-1	10	Sep/30/2024
4-1	10	Sep/30/2024
4-2	10	Sep/30/2024
4-3	10	Sep/30/2024
5-1	10	Sep/30/2024

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Prepared by:	Approved by:
Eng. Anngly S. Kairuz García Quality Control Director CIAC S.A.	MG. Andrés Guzmán Morales Accountable Manager CIAC S.A.
Date: <u>Sep/30/2024</u>	Date: <u>Sep/30/2024</u>



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Manual distribution, control, and revision process

Assignment (Individual's title)	Organization or location	Method of distribution
Quality Control Director	Quality Control Director Office	Original (Electronic)
Aviation Safety Inspector	FAA	An electronic copy will be sent via e-mail.
Repair Station personnel	CIAC	Electronic Copy – iSolución System

This manual is available in electronic format to all the personnel of the Repair Station through the software iSolución, using the workstations located in the different site of the Repair Station and the access to this manual is read-only. This manual is updated in accordance with the requirements and needs established by FAA and the current operation of CIAC S.A.

Suggestions to this manual shall be required to the Quality Control Director through the e-mail director.calidad@ciac.gov.co. Suggestions shall include section of the manual to be revised and reasons for the change.

The quality control director performs the amendment to the Capability List and the Accountable Manager approves the changes. A black line on the right side of the text and the blue text identifies the modified section. The affected pages are identified in the “List of Effective Pages” and in the section “Reason of Revision”, the changes are described.

The quality control director shall notify to the FAA ASI the new revision of the manual and upload the approved manual on iSolución within five (5) calendar days next to the approval date of the manual.

To ensure that the personnel of the Repair Station read and understand the changes performed on the manual, the Quality Control Director or his designee shall perform a specific training on the manual revision to the personnel of the Repair Station on LMS Software.

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Introduction

CIAC S.A. located at Av. Calle 26 No. 103-08, entrada 1, interior 2, authorized Repair Station O32Y396C as such, CIAC S.A. is authorized to perform work as described herein.

This manual describes the capabilities for which the FAA has granted CIAC S.A. authorization. Only those articles listed will be approved for return to service. Prior to add an article within this Capability List, a self-evaluation shall be performed in accordance with RSM section 8 “Capability list self-evaluation”.

The items included in the latest revision are identified by a black line on the right side of the text and the blue text.

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1. Limited Ratings: Radio

Description	Model	P/N	Manufacturer	I/T	R	OH	Self-evaluation date
ELT Beacon	C406-1	453-5002	Artex	X	X	-	Oct/16/2014
ELT Beacon	B406-4	453-5004	Artex	X	X	-	Oct/16/2014
ELT Beacon	C406-1 HM	453-5003	Artex	X	X	-	Oct/16/2014
ELT Beacon	C406-2	453-5000	Artex	X	X	-	Oct/16/2014
ELT Beacon	C406-2 HM	453-5001	Artex	X	X	-	Oct/16/2014
ELT Beacon	C406-N	453-5060	Artex	X	X	-	Oct/16/2014
ELT Beacon	C406-N HM	453-5061	Artex	X	X	-	Oct/16/2014
ELT Beacon	G406-4	453-5012	Artex	X	X	-	Oct/16/2014
VHF Comm. Receiver	KTR 908	064-1023-XX	Bendix King	X	X	-	Oct/16/2014
VHF Comm. Control unit	KFS 598	071-1215-XX	Bendix King	X	X	-	Oct/16/2014
VHF Comm. Receiver	KY 96A	064-1052-XX	Bendix King	X	X	-	Oct/16/2014
VHF Comm. Receiver	KY 97A	064-1051-XX	Bendix King	X	X	-	Oct/16/2014
VHF Nav/Com Transceivers	KX 155	069-1024-XX	Bendix King	X	X	-	Oct/16/2014
VHF Nav/Com Transceivers	KX 165	069-1024-XX	Bendix King	X	X	-	Oct/16/2014
Nav. Receiver	KNR 634	066-1078-XX	Bendix King	X	X	-	Oct/16/2014
Nav. Control Unit	KFS 564	071-1216-XX	Bendix King	X	X	-	Oct/16/2014
ADF Receiver	KDF 806	066-1077-XX	Bendix King	X	X	-	Oct/16/2014
ADF Receiver	KR 87	066-1076-XX	Bendix King	X	X	-	Oct/16/2014

*I/T = Inspection and Functional Test; R = Repair; OH = Overhaul.

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2. Limited Ratings: Instruments

Description	Model	P/N	Manufacturer	I/T	R	OH	Self-evaluation date
ADF Indicator	KI 227	066-3063-XX	Bendix King	X	X	-	Oct/16/2014
ADF Indicator	KI 228	066-3059-XX	Bendix King	X	X	-	Oct/16/2014

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3. Limited Ratings: Accessories

Description	Model	P/N	Manufacturer	I/T	R	OH	Self-evaluation date
NLG Wheel Assy	-	40-140	Parker Cleveland	X	X	-	Feb/09/2018
NLG Wheel Assy	-	3-1610 Series	Goodrich	X	X	-	Feb/09/2018
NLG Wheel Assy	-	40-106	Parker Cleveland	X	X	-	Feb/09/2018
NLG Wheel Assy	-	40-107A	Parker Cleveland	X	X	-	Feb/09/2018
NLG Wheel Assy	-	3-1609-1	Goodrich	X	X	-	Feb/09/2018

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4. Limited Ratings: Airframe

Manufacturer	Make / Model	Limitations	Self-evaluation date
ATR-GIE Avions de Transport Régional	ATR 42 Series	Line maintenance performed at the fixed location and heavy checks including and up to 36.000 FH, or 70.000 FC, or 12 Years.	Jun/30/2017
Airbus S.A.S.	A318 / A319 / A320 / A321 Series	Line maintenance performed at the fixed location and heavy checks including and up to 98.000 FH, or 50.000 FC, or 144 months.	Feb/09/2018
	A319 / A320 / A321 Neo		May/26/2021

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Limited Ratings: Airframe

Description	Model	P/N	Manufacturer	I/T	R	OH	Self-evaluation date
Panel-floor	A319, A320, A321	D5367320300000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367420300000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367521000200	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367531000200	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367200300000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367300100000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367400100000	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367510400000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367200400000	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-protective	A319, A320, A321	D5367201600000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367300200000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367521100400	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367531100400	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367521106800	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367521100200	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367531100200	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367521106600	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367521100000	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367531100000	Airbus S.A.S.	X	X	-	May/26/2021
Panel assy-floor	A319, A320, A321	D5367531106400	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367205900000	Airbus S.A.S.	X	X	-	May/26/2021
Panel-floor	A319, A320, A321	D5367301700000	Airbus S.A.S.	X	X	-	May/26/2021



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Description	Model	P/N	Manufacturer	I/T	R	OH	Self-evaluation date
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529450000200	Airbus S.A.S.	X	X	-	Jan/17/2023
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529430000200	Airbus S.A.S.	X	X	-	Jan/17/2023
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529490000000	Airbus S.A.S.	X	X	-	Jan/17/2023
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529496000200	Airbus S.A.S.	X	X	-	Jan/17/2023
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529453000200	Airbus S.A.S.	X	X	-	Jan/17/2023
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529433000200	Airbus S.A.S.	X	X	-	Jan/17/2023
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529490300000	Airbus S.A.S.	X	X	-	Jan/17/2023
Overhead-Stowage Compartment (OHSC) Door	A319, A320, A321	D2529496300200	Airbus S.A.S.	X	X	-	Jan/17/2023

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5. Limited Ratings: Nondestructive Inspection, Testing, and Processing

Technique	Limitations	Self-evaluation date
Eddy Current Inspection	Limited to: <ul style="list-style-type: none"> • Flaw detection. • Conductivity measurement. 	Oct/16/2014
Radiographic Inspection	Limited to: Industrial x-ray radiography with manual development.	Oct/16/2014
Ultrasonic Inspection	Limited to: <ul style="list-style-type: none"> • Flaw detection. • Thickness measurement. 	Oct/16/2014
Magnetic Particle Inspection	Limited to: <ul style="list-style-type: none"> • Wet bench, contact heads AC 4000A and FW 5000A. 16" diameter coil 1400amp in AC and 3900amp in FW monophasic 208V. • Magnetic Yoke Y-7, AC and DC currents of 4 amps. • Portable 10" diameter coil with 5 turns. • Particle type – Fluorescent wet method. 	Oct/16/2014
Liquid Penetrant Inspection	Limited to: <ul style="list-style-type: none"> • Type 1, method A, level 3 or higher (unless otherwise specified in the manufacturer's procedure). • Type 1, method C, level 3 or higher (unless otherwise specified in the manufacturer's procedure), the solvents shall be non-halogenated products. • Type 1, method D, level 3 or higher (unless the manufacturer's procedure relates otherwise). 	Oct/16/2014
Visual	Limited to: <ul style="list-style-type: none"> • Direct. • Remote. 	Oct/16/2014

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