



Issue Paper (IP)

IP Number: CIP CASA 2024-01

Initial Date: 07/Mar/2024

Revision - Date: N/A

Effective Date: TBD

Retroactivity (Y/N): N

Title:	Formalizing the use of acronyms and abbreviations
Submitter:	CASA

Applies To:	
MSG-3 Vol 1	X
MSG-3 Vol 2	X
IMPS	

Issue:

Whilst reviewing CIPs, EASA noted that the acronym CCMR was used within the MSG-3 documents but not explained or defined anywhere. On further review, this is a broader issue. Whilst Volumes 1 and 2 of the MSG-3 contain a ‘Glossary’ (see ‘Appendix A’ of each volume), there is no formal explanation / definition of any of the acronyms that have been used in the MSG-3 document. CASA offered to develop a CIP to address this issue.

Widely accepted writing etiquette is to use a phrase in full along with the acronym in parentheses for the first time it appears in the text, and then use the acronym thereafter. It is recommended that this practice is used only when the phrase appears in the text more than three times. However, this etiquette is relevant for text intended to be read in its entirety (e.g. a research paper, journal article, etc). Technical documentation such as the MSG-3 are typically not read from end-to-end, rather, the user will from time-to-time refer to the required sections.

Problem:

- (1) Lack of clarity around what each acronym stands for.
- (2) Lack of standardisation on what each acronym stands for.
- (3) Accepted norm of defining the acronym when it first appears in the text is inadequate for a technical document such as the MSG-3.

The term ‘Abbreviation’ will be used to encompass both acronyms and abbreviations (e.g. Spec, lbs, psi, etc.) for the remainder of this document.

Recommendation (including Implementation):

This CIP recommends:

1. That abbreviations are used throughout each volume of the MSG-3, i.e. there is no requirement to use the full phrase the first time the abbreviation appears in the text; and
2. A ‘List of Abbreviations’ is incorporated into each volume under ‘Appendix B’, immediately after the existing Glossary in ‘Appendix A’.

The following lists are proposed based on those abbreviations that appear at least once within Revision 2022.1 of MSG-3 Volume 1 and Volume 2. Whether the use of any given abbreviation is accurate or appropriate is outside the scope of this CIP.



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Implementation into MSG-3 Volume 1:

Appendix B. List of Abbreviations

A/C	Aircraft
A4A	Airlines for America
AC	Advisory Circular
AD	Accidental Damage
AEA	Association of European Airlines
AFM	Aircraft Flight Manual
AHM	Aircraft Health Monitoring
ANAC	Agência Nacional de Aviação Civil (National Civil Aviation Agency) – Brazil
APU	Auxiliary Power Unit
ATA	Air Transport Association of America, Inc
ATSRAC	Aging Transport Rulemaking Advisory Committee
CAA/UK	Civil Aviation Authority - United Kingdom
CAAC	Civil Aviation Administration of China
CAAS	Civil Aviation Authority of Singapore
CAR	Canadian Aviation Regulations
CASA	Civil Aviation Safety Authority - Australia
CCMR	Candidate Certification Maintenance Requirement
CFR	Code of Federal Regulations
CM	Condition Monitoring
CMCC	Certification Maintenance Coordination Committee
CMM	Component Maintenance Manual
CMR	Certification Maintenance Requirement
CPCP	Corrosion Prevention and Control Program
CS	Certification Specifications
DET	Detailed Inspection
DI	Detailed Inspection
DIS	Discard
DS	Discard
EASA	European Union Aviation Safety Agency
ED	Environmental Deterioration
EDTO	Extended Diversion Time Operations
ETOPS	Extended Range Twin-engine Operations
EWIS	Electrical Wiring Interconnection System
EZAP	Enhanced Zonal Analysis Procedure
FAA	Federal Aviation Administration – United States of America
FC	Functional Check
FD	Fatigue Damage
FEC	Failure Effect Category
FNC	Functional Check



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GCAA	General Civil Aviation Authority – United Arab Emirates
GSE	Ground Support Equipment
GV	General Visual Inspection
GVI	General Visual Inspection
HKCAD	Hong Kong Civil Aviation Department
HT	Hard-time
ICA	Instructions for Continued Airworthiness
ICAO	International Civil Aviation Organization
IMRBPB	International Maintenance Review Board Policy Board
IN	Inspections
IP	Issue Paper
ISC	Industry Steering Committee
iSpec	Information Standards Specification
JCAB	Japanese Civil Aviation Bureau
L/HIRF	Lightning / High Intensity Radiated Field
LHSI	L/HIRF Significant Item
LRU	Line-replaceable Unit
LU	Lubrication
LUB	Lubrication
MEL	Minimum Equipment List
MMEL	Master Minimum Equipment List
MPIG	Maintenance Program Industry Group
MRB	Maintenance Review Board
MRBR	Maintenance Review Board Report
MSG	Maintenance Steering Group
MSI	Maintenance Significant Item
MWG	Maintenance Working Group
OC	On-condition
OEM	Original Equipment Manufacturer
OP	Operational Check
OPC	Operational Check
PPH	Policy and Procedures Handbook
PSE	Principal Structural Element
psi	Pounds per square inch
RMPIG	Rotorcraft Maintenance Program Industry Group
RS	Restoration
RST	Restoration
RVSM	Reduced Vertical Separation Minima
SA	Safety Analysis
SATAA	Sensing, Acquisition, Transfer, Analysis, and Action
SDI	Special Detailed Inspection
SHM	Structural Health Monitoring
SI	Special Detailed Inspection



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Spec	Specification
SSA	System Safety Assessment
S-SHM	Scheduled Structural Health Monitoring
SSI	Structural Significant Item
SV	Servicing
SVC	Servicing
SWG	Structures Working Group
TCCA	Transport Canada, Civil Aviation
TCH	Type Certificate Holder
TSO	Time Since Overhaul
VC	Visual Check
VCK	Visual Check
VR	Vendor Recommendation
WG	Working Group

Implementation into MSG-3 Volume 2:

Appendix B. List of Abbreviations

A/C	Aircraft
A4A	Airlines for America
AD	Accidental Damage
AFM	Aircraft Flight Manual
AFRP	Aramid Fiber Reinforced Plastic
ANAC	Agência Nacional de Aviação Civil (National Civil Aviation Agency) - Brazil
APU	Auxiliary Power Unit
ATA	Air Transport Association of America, Inc
CAAC	Civil Aviation Administration of China
CAAS	Civil Aviation Authority of Singapore
CAR	Canadian Aviation Regulations
CASA	Civil Aviation Safety Authority - Australia
CCMR	Candidate Certification Maintenance Requirement
CFR	Code of Federal Regulations
CFRP	Carbon Fiber Reinforced Plastic
CMCC	Certification Maintenance Coordination Committee
CMM	Component Maintenance Manual
CP	Corrosion Prevention
CPCP	Corrosion Prevention and Control Program
CS	Certification Specification
CSI	Controlled Service Introduction
DET	Detailed Inspection



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DI	Detailed Inspection
DIS	Discard
DS	Discard
EASA	European Union Aviation Safety Agency
ED	Environmental Damage
EWIS	Electrical Wiring Interconnection System
EZAP	Enhanced Zonal Analysis Procedure
FAA	Federal Aviation Administration – United States of America
FC	Functional Check
FD	Fatigue Damage
FEC	Failure Effect Category
FNC	Functional Check
GCAA	General Civil Aviation Authority – United Arab Emirates
GFRP	Glass Fiber Reinforced Plastic
GSE	Ground Support Equipment
GV	General Visual Inspection
GVI	General Visual Inspection
HAI	Helicopter Association International
HKCAD	Hong Kong Civil Aviation Department
HUMS	Health and Usage Monitoring System
ICA	Instructions for Continued Airworthiness
ICAO	International Civil Aviation Organization
IMRBPB	International Maintenance Review Board Policy Board
IN	Inspections
IP	Issue Paper
ISC	Industry Steering Committee
iSpec	Information Standards Specification
JCAB	Japanese Civil Aviation Bureau
L/HIRF	Lightning / High Intensity Radiated Field
LHSI	L/HIRF Significant Item
LRU	Line-replaceable Unit
LU	Lubrication
LUB	Lubrication
MMEL	Master Minimum Equipment List
MPIG	Maintenance Programs Industry Group
MRB	Maintenance Review Board
MRBR	Maintenance Review Board Report
MSG	Maintenance Steering Group
MSI	Maintenance Significant Item
MWG	Maintenance Working Group
OEM	Original Equipment Manufacturer



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OP	Operational Check
OPC	Operational Check
PPH	Policy and Procedures Handbook
PSE	Principal Structural Element
psi	Pounds per square inch
RF	Radio frequency
RFM	Rotorcraft Flight Manual
RMPIG	Rotorcraft Maintenance Programs Industry Group
RS	Restoration
RST	Restoration
SDI	Special Detailed Inspection
SHM	Structural Health Monitoring
S-HUM	Scheduled Health and Usage Monitoring
SI	Special Detailed Inspection
Spec	Specification
S-SHM	Scheduled Structural Health Monitoring
SSI	Structural Significant Item
SV	Servicing
SVC	Servicing
SWG	Structures Working Group
TCCA	Transport Canada, Civil Aviation
TCH	Type Certificate Holder
UV	Ultra-violet
VC	Visual Check
VCK	Visual Check
VR	Vendor Recommendation
WAAS	Wide Area Augmentation System
WG	Working Group



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IMRBPB Position:	
Date:	
Position:	
Recommendation for Implementation:	

Status of the Issue Paper:	<input type="checkbox"/>	Active
	<input type="checkbox"/>	Incorporated in MSG-3 / IMPS (with details)
	<input type="checkbox"/>	Archived