SOFTWARE CONFIGURATION INDEX
for <LRU/SYSTEM Name>
for
<Platform Name>

Issue/Rev No: 01/00
Date of Release: 8 Feb 2025

<DESIGN AGENCY LOGO>	Document No.			
	Issue No./ Rev No. :	<00X>/	Issue Date :	<DD/MM/YYYY>
	Copy No. :	01 of N	No. of Pages :	< total no .of pages >
	Document Classification :	☐ Secret ☐ Restricted	☐ Confidential ☐ Unrestricted	

Title:	Project/System :
SOFTWARE CONFIGURATION INDEX **for** **<LRU/SYSTEM Name>for <Platform name>**	< Project/System Name>
	LRU/System Part No.
	<No.>
	Critical Level
	<A/B/C/D/E>

	Name & Designation	Signature
Prepared By	<Design Rep Name>, < Designation> <Agency Name>	
Reviewed By	<Project Leader Name>, <Designation> <Agency Name> <AWG/QA HOD Name>, <Designation> <Agency Name>	
Approved By	<Project Leader Name>, <Designation> <Design Agency> <Officer_Name>, <Designation> RCMA <Name>	

<Design Firm Name & Address>

Disclaimer:

This document is a guidance document. Applicable section / table rows may be considered. Any additional details may be added. Any not applicable section/ table rows may be deleted. The template is very general and vary with process to process followed by Development Agency. The document may be fine-tuned with the TAA for finalization.

Document Copy Distribution List

Copy No.	DESIGNATION OF THE COPY HOLDER	ORGANISATION/DEPARTMENT
01	Design Group Head	Design Agency
02	RD	RCMA, Hyderabad
03	HOD	QC/ AWG, Design agency
04	Coordinator	Customer

Amendment History

Issue No.	Issue Date	Brief Description of Amendment	Change Request Ref.	Affected Pages	Affected Section	Change Effective From (Version/ Date)
001		Initial Issue	NA	NA	NA	Initial
002						

Prepared By	Checked By	Approved By	Doc No. <Document number		
			Issue	**Revision**	**Date**

Table of Contents

Prepared By	Checked By	Approved By	Doc No. <Document number		
			Issue	Revision	Date
			Page No: 5 of 8		

1.0 INTRODUCTION

1.1 Purpose

1.2 Scope

1.3 Acronyms and Abbreviations

1.4 External Documents

Include references to standards, manuals, OEM documents etc.

1.5 Internal Documents

Include references to the following documents, as applicable
- Technical/ system/ functional specification
- Aircraft integration/ Flight trial reports
- User feedback
- Any MoM resulting in decisions related to this version of the software
- Impact analysis
- IV&V recommendation

2.0 Software Product

This document describes the version details of the following software component(s) :

Sl.No.	CSCI Name	Software Version	Checksum

3.0 Current Software Release details

3.1 Software Development Environment

The software development environment used along with versions/ release of the tools is to be included.

Programming Language   :

IDE / Compiler   :

Emulators/ Debug tools   :

Linker/ Loader tools   :

Development Operating System :

Test software version used :

Prepared By	Checked By	Approved By	Doc No. <Document number		
			Issue	Revision	Date

Other supporting software used :

3.2   Changes from previous version (Ver no.) to current version :
Include brief description of changes to the software.

3.3   Source Code listing

Sl.no.	File name	Size	Last compilation date

Executable object code file	size	Compilation date	Device in which the CSCI is loaded	Ckt ref. Of the device (including Card name, LRU name)

Similar tables will have to included for each CSCI.

4.0   Software Revision History
Include summary of changes made in each of the earlier versions.

4.1   Changes from Ver 1.0 to Ver 1.1
Include brief description of changes to the software. If more than one software component is changed in each version, separate listing for each component is to be given along with respective checksums.

4.2   Changes from Ver 1.1 to Ver 1.2

And so on...(except the current version, which is covered in section 3.2)

5.0   Previously Developed Software
Include details of any software components which were developed for other applications and being used in this application. This may also include RTOS and other COTS components.

6.0   Software Lifecycle Data
Include references to Plan documents, SRD, SDD, SVCP, SVR documents.

Prepared By	Checked By	Approved By	Doc No. <Document number		
			Issue	Revision	Date
			Page No: 7 of 8		

7.0 Instructions for Building Executable Object Code

Give step by step procedure to build the object code from the source files and load it into the device. Give the details of configuration settings in the software tools, switch positions/ pin positioning etc in the hardware tools used for this purpose. Screenshots may be included if required, for better clarity.

8.0 Archive, Release and data integrity

Mention how and where the source code, object code and the tools are going to be preserved without tampering by unauthorised personnel and retrieved safely for use by authorised personnel. Include how data integrity of the software is ensured before use.

Prepared By	Checked By	Approved By	Doc No. <Document number		
			Issue	Revision	Date
				Page No: 8 of 8	