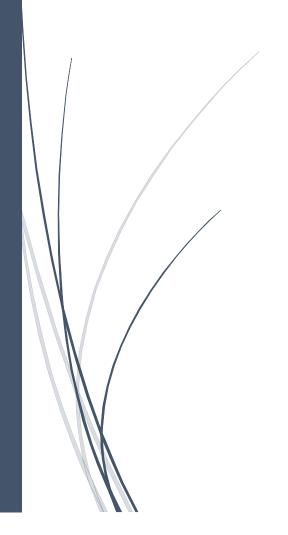
Template No. CEMILAC_ACGP_IICFE/RE_05

INTEGRATION OF INDIGENOUS CFE Store/system /Role Equipment (RE) On Aircraft

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



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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.

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Main Template for Integration of Indigenous/CFE Store/system /Role Equipment (RE)

SL NO		PARTICULARS			REMARKS	COMPLIANCE STATUS	REFERENCES
1	Air Staff Requ	uirement (ASR)					
2	Air Service Q	ualitative Requirement (A	ASQR)				
3	Preliminary S (PSQR)	ervice Qualitative Requir	ement	Issued by	the User		
4	Concept of Ut	ilisation					
5	Air HQ /IHQ/A	Army Aviation Task Direc	tive	Issued by concerne	Air HQ/IHQ/ Army Aviation to all		
6	Work Breakdo	own Structure for propos	ed	Issued by	the Project/Development		
	Integration (W	/BS & PBS)		Partner			
7	CEMILAC Dir	ective		Issued by RCMAs	CEMILAC to all concerned		
8	Airworthiness	Certification Plan (ACP)			nent to be prepared by the Main actor / Design Agency based on		RCMA(N)/Template/01
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		the details stipulated in ASR / ASQR / PSQR issued by the user. b. Comprehensive ACP to be verified and approved by all concerned.	
9	Technical Specifications of Store / Sub system / RE	 a. Document to be prepared by the Main Contractor / Design Agency based on the following details stipulated in ASR / ASQR / PSQR issued by the user: i. On which A/c CFE / RE to be integrated ii. Configuration of CFE store / RE with existing stores on the a/c iii. Essential Physical parameters such as Dimensions / Weight / CG / Moment of Inertia of store / RE, Max / Min. 'g', IAS during C&H and 	To be submitted by Design Agency duly approved Type Record of CFE items / Stores along with Technical Specifications / Test Reports needs to be furnished

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		Release, Max. / Min - AoA / AoS of	
		the aircraft etc.	
10	System Requirements Specification	a. Requirement Specification is	To be submitted by
	Sub system / LRU Development –	devised by the Designer based on the requirements projected in ASR.	Design Agency duly approved
11		a. Document is to evolved by the	RCMA(N)/Template/02
	FMEA, FMECA, SSA (Aircraft level)	designer from component to system level	
		as per MIL-STD-1629, MIL-STD-882.	
12		a. Activity to be undertaken as per the	To be submitted by
	Feasibility Study Report (Mechanical & Avionics)	clearance requirement specified in the	Design Agency duly coordinated by all
		MIL-STD-1289.	coordinated by all concerned
		WIIL-31D-1203.	33/133/1133
13	Integration Design Review (IDR)		RCMA(N)/Template/03
14	Advanced Modification Instructions (AMI)		Form – 33 of IMAP-23
	Aircraft integration & FTI scheme		To be submitted by
15	(Mechanical/Electrical)	Flight Test Instrumentation (if applicable)	Design Agency for
	(Drawings, DAL, BOM, ICDs, SOPs, I etc)		

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			approval/coordination
			/review
16	Qualification test schedule	To be tailored to the requirements to end use application	RCMA(N)/Template/04
17	Integration Reviews		RCMA(N)/Template/05
17	(Mechanical/Aerodynamic/Electrical)		
18	Aircraft level EMI/EMC Test Schedule		RCMA(N)/Template/06
19	Aircraft level Ground Test Schedule		RCMA(N)/Template/07
20	Test Adequacy Review Board (TARB)		Board recommendation
21	Flight Readiness Review Board (FRRB)		Board recommendation
22	Flight Safety Review Board (FSRB)		Board recommendation
23	Store/system/software Clearance	CoC & Type Record supported by Test	CEMILAC/RCMA
	,	Repost in case of CFE	
24	Flight Test Plan		Flight Test Agency
	Thight root rian		(FTA)
			Designer/Main
25	Ground Test report / Work Done report		contractor / Flight
			Test Agency

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26	Flight Clearance Certificate (FCC) b. Carriage & Handling c. Carriage & Handling (Asymmetric config) d. Avionic Missile e. Dummy Drop f. Live Drop g. Post Flight Analysis h. Modification Retention	After each phase of flight trials; PFA needs to be undertaken prior to clearance of next phase of trials	Form – 100,100A,101 of IMAP-23
27	Post Flight Analysis		Report of flight trials and RoD of PFA
28	User Acceptance report	On successful completion of all phases of flight trials FTA to submit acceptance report	FTA
29	Local Modification Committee (LMC)	Ratification of the modification	LMC approval for Clearance for Service Use (CSU) Form – 28 of IMAP-23
30	Series Production Drawings & Approval of Mod leaflet		Form – 35 of IMAP-23

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