

# Foreign Military Sales (FMS) Letter of Request (LOR) Checklist for P5 Combat Training System (P5CTS)

---



The P5CTS is the latest Air Combat Maneuvering Instrumentation (ACMI) System. Its superior capabilities let you...  
**“Train the Way You Fight.”**

**THE PURPOSE OF THIS P5CTS FMS CHECKLIST IS TO ASSIST IN DEVELOPMENT OF THE LETTER OF REQUEST (LOR). ONCE COMPLETED, ANY CHANGES TO THESE REQUIREMENTS MUST BE REVIEWED AND AGREED TO BY ALL STAKEHOLDERS OF THIS PROJECT.**

**Please ensure no classified information is included with the completed checklists. Classified information should be provided to your Command Country Manager through appropriate channels.**

**Receipt of this checklist by the US Government does not constitute an agreement to sell. Final configuration and offer of sale is subject to USG Approval.**

# FMS LOR Checklist for P5CTS (ACMI)

## CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1. PARTNER GENERAL INFORMATION	3
2. SCHEDULE REQUIREMENTS	3
3. CAPABILITY REQUIREMENTS	3
4. EQUIPMENT REQUIREMENTS	4
5. BASING AND SUPPORT REQUIREMENTS	4
6. TRAINING REQUIREMENTS	4
7. P5CTS (ACMI) SITE SURVEY REQUIREMENTS	5
8. P5CTS (ACMI) CSTO AND CSTCTO REQUIREMENTS	5
9. OTHER REQUIREMENTS	5
10. TRANSPORTATION REQUIREMENTS	5
11. ABBREVIATIONS AND ACRONYMS	6

## FMS LOR Checklist for P5CTS (ACMI)

<b>1.0</b>	<b>PARTNER GENERAL INFORMATION</b>		
1.1	Purchasing Country: _____		
1.2	LOR Reference Number: _____		
1.3	This is a request for: LOA <input type="checkbox"/> ; Amendment <input type="checkbox"/> ; Price and Availability (P&A) <input type="checkbox"/>		
1.4	Name of Primary Country Contact for P5CTS (ACMI) Requirements: _____		
	Position: _____	Title/Rank/Grade: _____	
	Telephone: _____	Email: _____	
	Address: _____		
1.5	Type of Funding: FMS <input type="checkbox"/> ; FMF <input type="checkbox"/>		
1.6	Identify any other types of Letter of Offer and Acceptance are being considered: Support/Sustainment <input type="checkbox"/> ; Site Survey <input type="checkbox"/> ; Other <input type="checkbox"/> (Specify) _____		
1.7	Time frame to return fully-executed LOA (number of days after receipt of USG Offer): _____		
1.8	Are you procuring the P5CTS (ACMI) as part of an Aircraft Case? Yes <input type="checkbox"/> ; No <input type="checkbox"/>		
1.8.1	If "Yes," identify what aircraft are you procuring: _____		
1.8.2	Quantity of aircraft being procured: _____		
1.9	Projected P5CTS-Equipped Training Hours per Aircraft per Year: _____		
1.10	Provide any other Partner information pertinent to this LOR:		
<b>2.0</b>	<b>SCHEDULE REQUIREMENTS</b>		
2.1	Desired date for Full Operational Capability (FOC) at each Training Base (Month/Year):		
2.1.1	FOC for Primary Training Base: _____ / _____		
2.1.2	FOC for Training Base #2: _____ / _____		
2.1.3	FOC for Training Base #3: _____ / _____		
2.1.4	FOC for Training Base #4: _____ / _____		
2.2	Describe any other Schedule requirements, including dependencies (e.g., facilities construction):		
<b>3.0</b>	<b>CAPABILITY REQUIREMENTS</b>		
3.1	Conduct Range-connected Training Operation with Live Monitoring using P5CTS (ACMI)	<input type="checkbox"/>	<input type="checkbox"/>
3.1.1	If "Yes", provide desired range coverage (NM radius from center of range area): _____ NM		
3.2	TSPI Requirements: Precision TSPI (P(Y)-coded GPS) <input type="checkbox"/> ; Coarse TSPI (C/A-coded GPS) <input type="checkbox"/>		
3.3	Weapon Simulations with RTKN & NDWS requirements:		
3.3.1	Classified USG Weapon Simulations: <input type="checkbox"/>		
3.3.2	Unclassified Commercial Weapon Simulations: <input type="checkbox"/>		
3.4	Joint Helmet Mounted Cueing System (JHMCS) Input for Weapon Simulations	<input type="checkbox"/>	<input type="checkbox"/>
3.5	Post-Mission Merge/Display of JHMCS Data	<input type="checkbox"/>	<input type="checkbox"/>
3.6	Post-Mission Merge/Display of Other ACMI System Data (e.g., KITS)	<input type="checkbox"/>	<input type="checkbox"/>
3.7	Post-Mission Synchronization of Head-Up Display (HUD) Recording	<input type="checkbox"/>	<input type="checkbox"/>
3.8	Range Training Officer communications: Range Radios	<input type="checkbox"/>	<input type="checkbox"/>
3.9	Projectors / Overhead displays	<input type="checkbox"/>	<input type="checkbox"/>
3.9.1	If "Yes", identify number of auditoriums: _____		
3.10	Describe any other Capability requirements:		

## FMS LOR Checklist for P5CTS (ACMI)

4.0	EQUIPMENT REQUIREMENTS	Quantity
4.1	Airborne Subsystems (AS) (i.e., "pods") (recommended quantity is 1 pod for every 2 A/C)	
4.2	Transportable Ground Subsystems (TGS) (1 for each major auditorium)	
4.3	Transportable Ground Subsystems with Live Monitor (TGS-LM) (1 for each RTO location)	
4.4	Portable Ground Subsystems (PGS) (at least 2 for each squadron)	
4.5	Synchronized Device Feeds :HUD <input type="checkbox"/> ; JHMCS <input type="checkbox"/> ; Other <input type="checkbox"/> (Specify): _____	
4.6	Airborne Subsystem Test Equipment (at least 1 for each pod shop)	
4.7	General Support and Test Equipment (GSE) (at least 1 set for each pod shop)	
4.8	Period supported w/Initial Spares (for AS/GS components, assemblies, and SRUs) (in months)	
4.9	Range Radios for RTO-to-cockpit voice communication (2 for each RTO location)	
4.10	Projectors (at least 2 for each large auditorium)	
4.11	Auxiliary HD displays/monitors (optional)	
4.12	Describe any other Equipment requirements/quantities:	
5.0	BASING AND SUPPORT REQUIREMENTS	Quantity
5.1	Provide Name/Location for each planned operational training Base:	
5.1.1	Primary Training Base: _____ Location: _____	
5.1.2	Training Base #2: _____ Location: _____	
5.1.3	Training Base #3: _____ Location: _____	
5.1.4	Training Base #4: _____ Location: _____	
5.2	Provide the location for each planned pod maintenance shop	
5.2.1	Pod Shop #1 location: _____	
5.2.2	Pod Shop #2 location: _____	
5.2.3	Pod Shop #3 location: _____	
5.2.4	Pod Shop #4 location: _____	
5.3	Identify the number of flying squadrons at each operational training Base	
5.3.1	Primary Training Base: _____	
5.3.2	Training Base #2: _____	
5.3.3	Training Base #3: _____	
5.3.4	Training Base #4: _____	
5.4	Identify duration of R&R support required beyond standard 1-year warranty (in months)	
5.5	Identify duration of CLS coverage required (in months)	
5.6	Describe any other Basing and Support requirements:	
6.0	TRAINING OF HOST COUNTRY PERSONNEL REQUIREMENTS	
6.1	Specify what Host Country Personnel training is desired:	
6.1.1	Familiarization Training of Host Country Operators: Yes <input type="checkbox"/> ; No <input type="checkbox"/> ; Number of persons: _____	
6.1.2	Familiarization Training of Host Country Maintainers: Yes <input type="checkbox"/> ; No <input type="checkbox"/> ; Number of persons: _____	
6.1.3	Advanced pod maintenance training: Yes <input type="checkbox"/> ; No <input type="checkbox"/> ; Number of persons: _____	
6.1.4	Field Service Representative training: Yes <input type="checkbox"/> ; No <input type="checkbox"/> ; Number of persons: _____	
6.1.5	Advanced Operator training: Yes <input type="checkbox"/> ; No <input type="checkbox"/> ; Number of persons: _____	
6.2	Describe any other Training requirements:	

## FMS LOR Checklist for P5CTS (ACMI)

<b>7.0</b>	<b>P5CTS (ACMI) SITE SURVEY REQUIREMENTS</b>	
7.1	Did the USAF previously conduct/approve a site survey of your Base(s) for P5CTS?	Yes <input type="checkbox"/> ; No <input type="checkbox"/>
7.1.1	If "Yes," identify any changes that have occurred to the previously-approved facilities:	
7.1.2	If "No," provide dates you can host a USAF team to perform the site survey:	
	Date 1: _____	
	Date 2: _____	
	Date 3: _____	
<b>8.0</b>	<b>P5CTS (ACMI) Country Standard Technical Orders (CSTO) and Country Standard Time Compliance Technical Orders (CSTCTO)</b>	
8.1	Identify the preferred format of your publications: Digital only <input type="checkbox"/> ; Paper only <input type="checkbox"/> ; Both <input type="checkbox"/>	
8.2	Identify the number of CSTO copies you require: _____	
8.3	Describe any other P5CTS (ACMI) CSTO and CSTCTO requirements:	
<b>9.0</b>	<b>OTHER REQUIREMENTS</b>	
9.1	Identify each A/C platform (by Variant, OFP, and Configuration) on which you want to integrate P5CTS:	
9.1.1	First A/C platform: _____	
9.1.2	Second A/C platform: _____	
9.1.3	Third A/C platform: _____	
9.2	Describe current Airworthiness Certification Authority for Carriage/Operation of P5CTS (US / Purchaser):	
9.3	Identify all Country-Unique Environmental Protection & HAZMAT handling standards:	
9.4	Identify available operating frequencies for P5CTS (ACMI): L-Band ( _____ MHz); or S-Band ( _____ MHz)	
9.5	Does the LOR explicitly express Sole Source Procurement of P5CTS from the OEM?	Yes <input type="checkbox"/> ; No <input type="checkbox"/>
9.6	Does the LOR explicitly express Sole Source Procurement of CLS from the P5CTS OEM?	Yes <input type="checkbox"/> ; No <input type="checkbox"/>
9.7	List all desired Authorized Weapon Simulations:	
9.8	Describe any other requirements not addressed elsewhere in this checklist:	
<b>10.0</b>	<b>TRANSPORTATION REQUIREMENTS</b>	
10.1	Provide the name of your established Freight Forwarder: _____	
10.1.1	Does your Freight Forwarder have all required Import/Export Licenses?	Yes <input type="checkbox"/> ; No <input type="checkbox"/>
10.1.2	Is your Freight Forwarder registered with the U.S. Department of State?	Yes <input type="checkbox"/> ; No <input type="checkbox"/>
10.2	Does the LOR identify any special transportation instructions?	Yes <input type="checkbox"/> ; No <input type="checkbox"/>

# FMS LOR Checklist for P5CTS (ACMI)

## ABBREVIATIONS AND ACRONYMS

A/C	Aircraft
ACMI	Air Combat Maneuvering Instrumentation
AS	Airborne Subsystem (pod) of the P5CTS/TCTS
C/A	Coarse/Acquisition GPS waveform
CDU	Control Display Unit of the P5CTS/TCTS
CLS	Contractor Logistics Support
CSTO	Country Standard Technical Orders
CSTCTO	Country Standard Time Compliance Technical Orders
EW	Electronic Warfare
FMF	Foreign Military Financing
FMS	Foreign Military Sale
FOC	Full Operational Capability
GPS	Global Positioning System
GS	Ground Subsystem of the P5CTS/TCTS
GSE	Ground Support Equipment
HAZMAT	Hazardous Material
HUD	Head-Up Display
JHMCS	Joint Helmet Mounted Cueing System
KITS	Kadena Instrumentation Training System
LOA	Letter of Offer and Acceptance
LOR	Letter of Request
NDWS	No-Drop Weapon Scoring
NM	Nautical Mile
OPF	Operational Flight Program
P5CTS/TCTS	P5 Combat Training System (USAF)/Tactical Combat Training System (USN)
P&A	Price (Pricing) and Availability

## FMS LOR Checklist for P5CTS (ACMI)

P(Y)	Precision Y-coded (encrypted) GPS waveform
PGS	Portable Ground Subsystem of the P5CTS/TCTS
PPS	Precise Positioning Service
R&R	Repair and Return
RRU	Remote Range Unit
RTKN	Real-Time Kinematic Notification
RTO	Range Training Officer
SRU	Shop Replaceable Unit
TGS	Transportable Ground Subsystem of the P5CTS/TCTS
TGS-LM	Transportable Ground Subsystem of the P5CTS/TCTS with Live Monitor
TSPI	Time-Space Position Information
US	United States
USG	United States Government
USAF	United States Air Force
USN	United States Navy