

**PROCEDURES FOR OBTAINING
NAVSTAR GLOBAL POSITIONING SYSTEM (GPS)
SELECTIVE AVAILABILITY ANTI-SPOOFING MODULES (SAASM),
GPS SECURITY DEVICES
AND
PRECISE POSITIONING SERVICE (PPS)
HOST APPLICATION EQUIPMENT (HAE)
BY
US COMPANIES AND US ORGANIZATIONS**

CZU-03-071



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1. INTRODUCTION

1.1 Background

The NAVSTAR Global Positioning System (GPS) Selective Availability Anti-Spoofing Module (SAASM) is the security architecture that has been selected by the Chairman of the Joint Chiefs of Staff to implement the next generation security functions for all GPS PPS HAE.

The use of the SAASM security architecture significantly enhances the combatant commanders ability to use GPS Precise Positioning, Velocity, Time, (PVT) and other GPS sensor information in all environments. Hence, SAASM ensures that both allied and US military users can use GPS when they need it. Since 1996, SAASM has evolved from multiple security chips (as is currently present in legacy receivers) to a new security architecture. In essence, SAASM is the set of functional and physical requirements that make the next generation GPS PPS receiver secure.

GPS PPS HAE are electronic products that contain any of the GPS PPS security functions. To protect the GPS PPS security functions, SAASM and SAASM based HAE *shall* be controlled to preclude unauthorized access, tampering, theft, or loss. Accordingly, the Department of Defense (DoD) has assigned to the GPS Joint Program Office (JPO) the overall responsibility for controlling the development, production, sale, and distribution of legacy GPS receivers and their associated security devices, SAASM and SAASM based HAE. To ensure GPS security requirements are satisfied, DoD policy requires all US Government organizations and US companies to coordinate with the GPS JPO prior to undertaking any development, production, sale, or procurement of GPS security devices and GPS PPS HAE.

Note: In this document (CZU-03-071) GPS PPS HAE is defined as any legacy GPS PPS security device, legacy GPS PPS receiver, GPS simulator, SAASM and/or SAASM-Based HAE.

1.2 Purpose

CZU-03-071 establishes the requirements and procedures governing the sale, procurement and transfer of GPS PPS HAE. Compliance with these requirements and procedures facilitates the procurement of GPS security devices and GPS PPS HAE in an authorized and controlled manner.

CZU-03-071 *shall* supersede CZE-93-71A. As such, all authorizations for both legacy and SAASM based GPS PPS HAE *shall* be handled using the requirements specified within this document.

1.3 Scope

Section 2 identifies additional references that contain GPS security requirements applicable to the development, production, control, and handling of GPS PPS HAE. Section 3 addresses the specific DoD-approved GPS PPS HAE. Section 4 delineates specific requirements and procedures for the sale, transfer, consignment and/or procurement of GPS PPS HAE. Section 5 lists mailing addresses for key DoD organizations identified within this document.

2. GPS SECURITY REQUIREMENTS

All US Government organizations and US companies developing, manufacturing, selling, procuring, integrating, or otherwise handling GPS PPS HAE *shall* become familiar with the security requirements contained within this document (CZU-03-071) and in the following references. All requests for these documents and/or references should be sent to the GPS JPO Technical Library at <https://gps.losangeles.af.mil/gpsarchives/1000-public/1300-lib/default.html>

- CJCSI 6140.01 NAVSTAR GPS SAASM Requirements (Joint Chiefs of Staff Instruction requiring the fielding of SAASM and SAASM based HAE)
- CZE-93-105A, NAVSTAR Global Positioning System (GPS), Precise Positioning Service (PPS) Host Application Equipment (HAE) Security Approval Requirements, latest edition
- CZE-93-105A-SAASM, NAVSTAR Global Positioning System (GPS), Selective Availability Anti-Spoofing Module (SAASM), Precise Positioning Service (PPS) Host Application Equipment (HAE) Security Approval Requirements, latest edition
- CZE-93-295, NAVSTAR Global Positioning System (GPS), Precise Positioning Service (PPS) Satellite Signal Simulator Security Approval Requirements, latest edition
- CZE-94-001, NAVSTAR Global Positioning System (GPS), Selective Availability Anti-Spoofing Module (SAASM) Security Approval Requirements, latest edition
- Cryptographic Key Ordering Instructions, latest edition
- KOG-SAASM-001, Key Data Processor (KDP) Loading Installation Facility (KLIF) Operational Guidelines (KOG), latest edition
- NTISSI No. 3006, Operational Security Doctrine for the NAVSTAR Global Positioning System User Segment, latest edition
- NAVSTAR Global Positioning System (GPS), System Protection Guide (SPG) (formerly Security Classification Guide), latest edition

- User Equipment (UE) Security Public Website <http://gps.losangeles.af.mil/user/products/ue-security/index.htm>

3. APPROVED GPS PPS HAE

All legacy, SAASM and SAASM based GPS PPS HAE *shall* receive GPS JPO security approval *prior* to operational use by authorized US GPS PPS HAE users and *prior* to export to authorized foreign countries.

The security approval process is outlined in the following three documents. For legacy equipment, the applicable document is the CZE-93-105A. For SAASM and SAASM-Based HAE the applicable documents are CZE-94-001 and CZE-93-105A-SAASM.

Upon receiving GPS Joint Program Office (JPO) security approval, the approved GPS PPS HAE can be used operationally upon authorization from the GPS JPO. This security approval *shall* come from the GPS JPO User Equipment Branch Chief and will be tracked and recorded within the UE Security Information System as maintained by the UE Security / SAASM team at the GPS JPO.

Note: A security approval *shall not* permit the manufacturer to deliver GPS PPS HAE in any capacity to any other organization or manufacturer without first receiving an authorization to ship from the GPS JPO UE Security Team.

3.1 Legacy Equipment

Security approval of non-SAASM legacy equipment *shall* only be granted upon pre-approval from both the JCS and OSD. This is to maintain compliance with the JCS instruction 6140.01 dated Nov 98 requiring the discontinuation of approvals and authorizations of non-SAASM based HAE in the field. Legacy Equipment is any GPS PPS HAE that contains legacy security devices such as AOCs, PPS-SMs and / or a combination thereof.

3.2 SAASM

The complete list of approved SAASMs is maintained within the User Equipment Security Information System stored and maintained at the GPS JPO. This list can also be found on the UE-Security public website identified in section 2 above.

3.3 SAASM Based PPS HAE

The complete list of approved SAASM based HAE is maintained within the User Equipment Security Information System stored and maintained at the GPS JPO. This list can also be found on the UE-Security public website identified in section 2 above.

4. SALE, PROCUREMENT AND TRANSFER REQUIREMENTS

4.1 Requirements for Integrators and Manufacturers of GPS PPS HAE

Integrators and Manufacturers of GPS PPS HAE *shall* comply with the following provisions prior to the sale, transfer, procurement or consignment of any GPS PPS HAE to any other *authorized* organization.

To deliver GPS PPS HAE in any capacity to any other organization or manufacturer, a manufacturer and / or integrator *shall* abide by the information identified below as well as within Appendix A to this document (CZU-03-071, Appendix A).

With the above requirements in mind, the manufacturer *shall*:

- a. ***Possess a security approval letter from the GPS JPO approving the GPS PPS HAE.*** This ensures that the receiver has gone through the appropriate security processes specified in CZE-93-105A, CZE-93-105A-SAASM and CZE-94-001. By completing the various steps outlined within these documents, the procuring organization can be assured that the manufacturer has met all of the *security* pre-requisites required to field GPS PPS HAE operationally
- b. ***Inform prospective buyers that they shall obtain from the GPS JPO written authorization to procure GPS PPS HAE prior to any deliveries of GPS PPS HAE.*** A separate authorization *shall* be obtained for each additional procurement and / or transfer unless otherwise stated by the authorization letter
- c. ***Obtain from prospective buyers a copy of the GPS JPO's procurement authorization letter prior to transferring any GPS PPS HAE to the prospective buyer.*** A copy of this letter may be obtained from the GPS JPO
- d. Upon receipt of the GPS JPO authorization letter, it *shall* be the manufacturer's full responsibility to comply with all aspects of the authorization letter. ***Any deviation to this may result in "Failure to Comply" status as outlined within Appendix D to this document (CZU-03-071, Appendix D)***

For GPS PPS HAE integrators, the following requirements *shall* apply:

- a. ***Possess a security approval letter from the GPS JPO approving the GPS PPS HAE (this applies only if the integrator actually develops the GPS PPS HAE in question).*** This ensures that the receiver has gone through the appropriate security processes specified in CZE-93-105A, CZE-93-105A-SAASM and CZE-94-001. By completing the various steps outlined within these documents, the procuring organization can be assured that the manufacturer has met all of the *security* pre-requisites required to field GPS PPS HAE operationally

- b. ***Inform prospective buyers that they shall obtain from the GPS JPO written authorization to procure GPS PPS HAE prior to any deliveries of GPS PPS HAE.*** A separate authorization *shall* be obtained for each procurement unless otherwise stated by the authorization letter. If the integrator is integrating GPS PPS HAE into a platform, the integrator is required to have their government sponsor request authorization for them to procure and to integrate the procured equipment into the specified platform
- c. ***Obtain from prospective buyers a copy of the GPS JPO's procurement authorization letter prior to transferring any GPS PPS HAE to the prospective customer.*** A copy of this letter may be obtained from the GPS JPO. If the integrator is simply integrating a GPS PPS HAE into a platform, they *shall* need their government sponsor to request authorization for them to receive and integrate the HAE into the specified platform
- d. Upon receipt of the GPS JPO authorization letter, it *shall* be the integrator's full responsibility to comply with all aspects of the authorization letter. ***Any deviation to this may result in "Failure to Comply" status as outlined within Appendix D to this document***

Note: It is the integrator's and/or manufacturers sole responsibility to ensure that they *shall* not deliver GPS PPS HAE to customers without first verifying that the requirements specified within this document (CZU-03-071) and it's applicable appendices are achieved beforehand. Therefore, any integrator and/or manufacturer who builds or integrates GPS PPS HAE *shall* ensure that they have the required documentation prior to delivering, selling, transferring or consigning GPS PPS HAE to any other potential client or organization. This requirement *shall* also be levied on non-government organizations that do not develop HAE but do integrate GPS PPS HAE in some manner; whether it is for software development, testing, integration of equipment into platforms...etc.

4.2 Procurement by US DoD Organizations

US DoD policy requires DoD organizations to employ PPS equipment that incorporates both SA and A-S, unless a waiver has been granted by the Assistant Secretary of Defense for Command, Control, Communications and Intelligence (ASD (C3I)).

As part of this policy it is a requirement that the DoD organization follow the appropriate procurement process for GPS PPS HAE specified by the GPS JPO. As such, for a DoD organization to procure GPS PPS HAE that organization *shall*:

- a. Request “authorization to procure GPS PPS HAE” from the GPS JPO User Equipment Security Branch (SMC/CZU). Unless otherwise stated within the authorization letter, by following this procedure, the procuring organization can be assured that the specified GPS PPS HAE meets all of the *security* prerequisites required for it to be fielded the operationally
- b. Provide the following information to the GPS JPO (SMC/CZU) when requesting authorization to procure GPS PPS HAE:
 - (1) Specific program or project for which the GPS PPS HAE is required, the associated contract number and the service that manages the contract
 - (2) Identify the Manufacturer of the GPS PPS HAE being procured
 - (3) Exact GPS PPS HAE nomenclature, part number (both hardware and software) along with the associated GPS engine, security device and / or SAASM part numbers
 - (4) Quantity of GPS PPS HAE required
 - (5) Whether the GPS PPS HAE is being procured, transferred, other (Specify)
 - (6) For SAASM and SAASM-Based HAE procurements, the applicable Operational Software Load must be identified.
 - (7) Name, address, telephone number, fax number, and email address of the US Government point of contact
- c. Upon receipt of the GPS JPO authorization letter, the DoD organization *shall* provide a copy of the letter to the manufacturer from which the GPS PPS HAE will be procured
- d. GPS PPS HAE obtained for use under this authorization letter *shall* not be subsequently sold, leased, loaned, nor used for any other purpose other than for what is specifically stated within the authorization. Any change to the original request *shall* require a separate authorization letter

Note: The security authorization process tracks GPS PPS HAE only until the HAE reaches the DoD or US government end user. *HOWEVER*, if the HAE is placed back into the US commercial sector for integrations, testing, maintenance or for any other purpose, the DoD or government agency *shall* contact the GPS JPO and reinitiate the authorization process prior to shipping the HAE to those non-government organizations.

4.3 Procurement by Non-DoD US Government Organizations

Non-DoD US Government organizations are authorized access to GPS PPS HAE as long as they have been documented in specific interagency agreements with the Office of the Assistant Secretary of Defense for Command, Control, Communications and Intelligence (ASD(C3I)).

As part of this interagency agreement, it is a requirement that the government organization follow the appropriate procurement process for GPS PPS HAE as specified by the GPS JPO. As such, for a non-DoD US Government organization to procure GPS PPS HAE that organization *shall*:

- a. Coordinate with the GPS JPO User Equipment Security Branch (SMC/CZU) the procurement of the GPS PPS HAE. Unless otherwise stated within the authorization letter, by following this procedure, the procuring organization can be assured that the specified GPS PPS HAE meets all *security* pre-requisites as required to be fielded operationally
- b. Provide to the GPS JPO a copy of the interagency agreement that documents the US Government organization's access to PPS
- c. Provide the following information to the GPS JPO (SMC/CZU) when requesting authorization to procure GPS PPS HAE:
 - (1) Specific program or project for which the GPS PPS HAE is to be used on, the associated contract number and the agency that will manage the contract
 - (2) Identify the manufacturer of the GPS PPS HAE being procured
 - (3) Exact GPS PPS HAE nomenclature, part number (both hardware and software) along with the associated GPS engine, security device and / or SAASM part numbers
 - (4) Quantity of GPS PPS HAE required

- (5) Whether the GPS PPS HAE is being procured, transferred, other (specify)
 - (6) For SAASM and SAASM-Based HAE procurements, the applicable Operational Software Load must be identified. (The vendor provides this information)
 - (7) Name, address, telephone number, fax number, and email address of the US Government point of contact
- d. Upon receipt of the GPS JPO authorization letter, the government organization *shall* provide a copy to the manufacturer from which the GPS PPS HAE will be procured
 - e. GPS PPS HAE obtained for use under this authorization letter *shall* not be subsequently sold, leased, loaned, nor used for any other purpose other than for what is specifically stated within the authorization. Any change to the original request *shall* require a separate authorization letter

4.4 Industry Procurement in Support of DoD or US Government Contracts

A company on contract to a DoD or non-DoD US Government organization may procure GPS PPS HAE in performance of its contract with that Government agency.

To procure a GPS PPS HAE, the specified company *shall* have its government sponsor:

- a. Coordinate with the GPS JPO User Equipment Security Branch (SMC/CZU) the procurement of the GPS PPS HAE. Unless otherwise stated within the authorization letter, by following this procedure, the procuring organization can be assured that the specified GPS PPS HAE meets all of the *security* prerequisites as required to be fielded operationally
- b. Provide the following information to the GPS JPO (SMC/CZU) when requesting authorization to procure GPS PPS HAE:
 - (1) Specific program or project for which the GPS PPS HAE is required, the associated contract number and the service that manages the contract
 - (2) Identification of the manufacturer of the GPS PPS HAE being procured
 - (3) Exact GPS PPS HAE nomenclature, part number (both hardware and software) along with the associated GPS engine, security device and / or SAASM part numbers
 - (4) Quantity of GPS PPS HAE required

- (5) Whether the GPS PPS HAE is being procured, transferred or other (Specify)
 - (6) For SAASM and SAASM-Based HAE procurements, the applicable Operational Software Load must be identified (The vendor provides this information)
 - (7) Name, address, telephone number, fax number, and email address of the US Government point of contact
 - (8) Name, address, telephone number, fax number, and email address of the procuring company point of contact
 - (9) Identify the procuring company's COMSEC account number, (and if procuring a SAASM or SAASM based HAE) also identify the SAASM Account that they have been provided from the KLIF
- c. Upon receipt of the GPS JPO authorization letter, the program sponsor *shall* provide a copy of this authorization letter to its industry contractor
 - d. The company *shall* then provide a copy of the GPS JPO's procurement authorization letter to the manufacturer from which the GPS PPS HAE *shall* be procured
 - e. GPS PPS HAE obtained for use under this authorization letter *shall* not be subsequently sold, leased, loaned, nor used for any other purpose other than for what is specifically stated within the authorization. Any change to the original request *shall* require a separate authorization letter. ***Any deviation to this authorization letter may result in "Failure to Comply" status as outlined within Appendix D to this document***

4.5 Industry Procurement for Independent Research and Development (IR&D)

4.5.1 IR&D Licensing and Restrictions

An *authorized* company may procure GPS PPS HAE for Independent Research and Development (IR&D) once it has met the requirements outlined below.

The Office of the Assistant Secretary of Defense (Command, Control, Communications and Intelligence) [OASD (C3I)] is the approval authority for IR&D efforts. Approval is facilitated via an official IR&D approval letter issued to the authorized company by OASD(C3I). The approval letter serves two purposes:

- a. It approves a company to *obtain* GPS PPS HAE for IR&D purposes

- b. It approves a company to *hold* GPS PPS HAE for IR&D purposes

An IR&D approval letter permits a company to *obtain* GPS PPS HAE for a period of up to three years from the date of approval. The IR&D approval letter approves a company to *hold* GPS PPS HAE indefinitely. In both cases, a company *shall* meet the following conditions in order for the approval letter to remain valid:

- a. The contractor complies with all security requirements for the control and handling of GPS PPS HAE
- b. The CAGE code and COMSEC account identified in the IR&D approval letter (or associated IR&D request) remain unchanged
- c. The company remains an *authorized* company

Note: To be an *authorized* company, the company *shall* meet the requirements specified within Appendix A to this document, (CZU-03-071, Appendix A)

Should the CAGE code or COMSEC account change, a new IR&D request *shall* be submitted. Upon change to either the CAGE code or COMSEC account, the existing IR&D approval letter *shall* be valid for no more than six months. This six-month grace period *shall* begin from the date the CAGE code or COMSEC account changed.

This six-month grace period *shall* only be valid for GPS PPS HAE obtained under the IR&D approval letter. ***If the six-month grace period expires, the company shall notify the GPS JPO security authorization team immediately. The GPS JPO will then identify the location where the GPS PPS HAE shall need to be sent; whether it is the original manufacturer or a government entity.*** In addition, this six month grace period *shall* only apply if the company can continue to meet the security requirements outlined for control and handling of GPS PPS HAE.

For the purposes of *obtaining* GPS PPS HAE, the IR&D approval letter expires three years from the date of approval. Once the IR&D approval letter expires, the company *shall* no longer be permitted to procure GPS PPS HAE in support of IR&D. If the company wishes to procure additional GPS PPS HAE to support IR&D efforts, a new IR&D approval letter is required.

Although the approval letter can no longer be used to *obtain* GPS PPS HAE after three years, it does still serve as the authorization for a company to *hold* any existing GPS PPS HAE. As such, the approval letter should be retained on file by the company for as long as the company continues to hold the GPS PPS HAE.

Should the CAGE code or COMSEC account be withdrawn or revoked for any reason, the company shall notify the GPS JPO security authorization team immediately. The GPS JPO will then identify the location where the GPS PPS HAE shall need to be sent; whether it is the original manufacturer or a government entity.

If the company; for whatever reason, is no longer authorized to control GPS PPS HAE in support of IR&D, the company shall notify the GPS JPO security authorization team immediately. The GPS JPO will then identify the location where the GPS PPS HAE shall need to be sent; whether it is the original manufacturer or a government entity.

One of the conditions for access to GPS PPS HAE is the contractor's agreement to comply with the security requirements for the control and handling of GPS PPS HAE. One security requirement involves the inventorying of GPS PPS HAE on an annual basis or whenever there is a change of personnel responsible for the safekeeping or accounting of an organizations holdings of PPS equipment or components.

The company *shall* identify, via corporate letter or memorandum, the personnel responsible for the safekeeping or accounting of an organizations holdings of GPS PPS HAE. The letter or memorandum *shall* be made available to the GPS JPO, OASD (C3I), or the Defense Security Service (DSS) upon request.

Notes: The term IR&D encompasses any contractor funded development effort that is directed towards authorized PPS users

4.5.2 Requirements to Procure GPS PPS HAE

Before a company can develop GPS PPS HAE under IR&D, the company *shall* submit a request for IR&D approval to OASD(C3I) [See Appendix E to this document for address information]. The request shall be submitted on company letterhead and contain the following information:

- a. Description of the IR&D projects that have potential application to DoD programs and missions
- b. *Quantity* of GPS PPS HAE required
- c. Justification for use of the GPS PPS HAE
- d. Statement that the company will comply with the security requirements for the control and handling of the GPS PPS HAE

- e. Company's Commercial and Government Entity (CAGE) code and COMSEC account number
- f. Name, address, telephone number, fax number, and email address of the company's point of contact for the IR&D authorization request
- g. Signature of both the company's IR&D manager and COMSEC custodian
- h. Coordinate with the GPS JPO User Equipment Security Branch (SMC/CZU) the procurement of the GPS PPS HAE. Unless otherwise stated within the authorization letter, by following this procedure, the procuring organization can be assured that the specified GPS PPS HAE meets all of the *security* pre-requisites as required to be fielded operationally
- i. Provide to the GPS JPO a copy of the OASD (C3I) IR&D approval letter obtained under step (a) above.

The following information *shall* be provided to the GPS JPO (SMC/CZU) when requesting authorization to procure GPS PPS HAE:

- a. The specific IR&D project that the GPS PPS HAE will support
- b. Identification of the manufacturer of the GPS PPS HAE being procured
- c. Exact GPS PPS HAE nomenclature, part number (both hardware and software) along with the associated GPS engine, security device and / or SAASM part numbers
- d. Quantity of GPS PPS HAE required
- e. Whether the GPS PPS HAE is being procured, transferred, or other (specify)
- f. For SAASM and SAASM-Based HAE procurements, the applicable Operational Software Load must be identified (The vendor provides this information)
- g. Name, address, telephone number, fax number, and email address of the procuring company point of contact
- h. Identification of the procuring company's COMSEC account number (and if procuring a SAASM or SAASM based HAE) also identification of the SAASM Account that they receive from the KLIF
- i. Upon receipt of the GPS JPO authorization letter, the company *shall* provide a copy to the manufacturer from which the GPS PPS HAE *shall* be procured

- j. GPS PPS HAE obtained for use under this authorization letter *shall* not be subsequently sold, leased, loaned, nor used for any other purpose other than for what is specifically stated within the authorization. Any change to the original request *shall* require a separate authorization letter. ***Any deviation to this authorization letter may result in “Failure to Comply” status as outlined within Appendix D to this document***

4.6 Consignment transfers

An *authorized* company (as specified above), either on government contract or in support of *IR&D*, may at times need to *consign* GPS PPS HAE to other organizations (either government or other *authorized* companies) for various reasons. With this in mind, the following process has been provided.

Note: A *consignment*; as outlined within this document (CZU-03-071), is a GPS JPO authorized temporary loan of GPS PPS HAE from one party (*consignor*) to another party (*consignee*) for a specified period of time. Upon completion of that period of time, the GPS PPS HAE *shall* be returned to the consignor

In order to provide a *consignment* under contract the specified company *shall* have its government sponsor:

- a. Request “authorization to *consign* GPS PPS HAE” from the GPS JPO User Equipment Security Branch (SMC/CZU). Unless otherwise stated within the authorization letter, by following this procedure, the procuring organization can be assured that the specified GPS PPS HAE meets all of the *security* pre-requisites as required to be fielded operationally
- b. Provide the following information to the GPS JPO (SMC/CZU) when requesting authorization to *consign* GPS PPS HAE:
 - (1) Specific program or project for which the GPS PPS HAE is required, the associated contract number and the service that manages the contract
 - (2) Specific period of time (*from and to dates*) that the GPS PPS HAE is required and what organization or company *shall* be maintaining this GPS PPS HAE over the *consigned* period (the maintaining company would be the *consignee*). At the completion of the *consigned* period, the *consigned* GPS PPS HAE *shall* be returned to the *consignor* (The *consignor* is the company or organization loaning the equipment).

- (3) The *consigning* party *shall* provide the following:
- (a) Name, address, telephone number, fax number, and email address of the procuring company point of contact for the *consignment*. ***(This information is also required if it is a government organization that is receiving the equipment on consignment.)***
 - (b) Identify the consignor's COMSEC account number (include the consignee company COMSEC if it is two companies that are involved), (and if procuring a SAASM or SAASM based HAE) identify the SAASM Account that the / each company receive / s from the KLIF (This information is not required by a government agency or DoD organization)
 - (c) Exact GPS PPS HAE nomenclature, part number (both hardware and software) along with the associated GPS engine, security device and / or SAASM part numbers associated with the HAE
 - (d) Quantity of GPS PPS HAE being *consigned*
- c. The program sponsor should provide the contractor *consigning* the GPS PPS HAE with a copy of the authorization letter provided by the GPS JPO
- d. The *consigning* company *shall* then provide a copy of the GPS JPO's procurement authorization letter to the *consignor* from which the GPS PPS HAE *shall* be provided on loan
- e. GPS PPS HAE obtained for use under this authorization letter *shall* not be subsequently sold, leased, loaned, nor *shall* it be used for any other purpose other than originally stated without first getting written authorization from the GPS JPO. ***Upon completion of the loan period, the GPS PPS HAE shall be returned to the consignor***
- f. If the GPS PPS HAE is not being *consigned* as part of a contract but rather under IR&D then the appropriate parties *shall* provide the information specified within this section (4.6) as well as meet the requirements specified previously within section 4.5 above. US Government organizations other than DoD must also meet the requirements specified within section 4.3 above prior to being granted an authorization for *consignment*. ***Any deviation to this authorization letter may result in "Failure to Comply" status as outlined within Appendix D to this document***

4.7 Foreign Military Sales (FMS)

CZU-03-071 *shall* not cover any transfer of GPS PPS HAE to any non-US organization or unauthorized US organization. Any request to procure GPS PPS HAE by a non-US organization *shall* be processed through FMS procedures that involve government-to-government transactions.

The Office of the Deputy Under Secretary of the Air Force for International Affairs (SAF/IA) administers FMS actions and approves FMS cases for GPS PPS HAE. The GPS JPO is the centralized procuring agency for all FMS acquisitions of GPS PPS HAE. The GPS JPO will procure GPS PPS HAE according to the provisions in approved FMS cases.

The FMS process generally proceeds as follows:

- a. The foreign government's ministry of defense (MOD) sponsors the foreign organization's request to obtain GPS PPS HAE and submits a Letter of Request (LOR) to the US Embassy in the originating country
- b. The US Embassy forwards the LOR to SAF/IA with information copy to the US Department of State Bureau of Politico-Military Affairs (SECSTATE-PM) and to the US DoD Defense Security Cooperative Agency (DSCA)
- c. SECSTATE-PM, DSCA, and SAF/IA coordinate the approval of the LOR
- d. SAF/IA works with the GPS JPO to prepare a Letter of Offer and Acceptance (LOA), which is the government-to-government agreement for the purchase of the GPS security devices or PPS HAE. The LOA delineates the items to be purchased, the estimated costs, and the terms and conditions of the sale
- e. SAF/IA sends the LOA to DSCA for countersignature and forwarding to the foreign MOD for acceptance
- f. The foreign MOD signs and returns the LOA to indicate acceptance of the US Government's offer. Signing of the LOA and providing applicable funding constitute a contractual commitment between the US Government and the foreign government
- g. With SAF/IA direction, the GPS JPO executes the approved FMS case according to the provisions of the LOA

5. ORGANIZATIONAL ADDRESSES

Organizational addresses applicable to this document can be found in Appendix E to this document

