DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE MATERIEL COMMAND
WRIGHT-PATTERSON AIR FORCE BASE OHIO

MEMORANDUM FOR SEE DISTRIBUTION 14 MAY 2002

FROM: HQ AFMC/LG
4375 Chidlaw Road, Room A135
Wright-Patterson AFB OH 45433-5006

SUBJECT: Depot Maintenance Source of Repair Assignment Process (SORAP)

1. AFI 63-107, Integrated Product Support Planning and Assessment, 29 May 01, attachment 3, provides Air Force policy for determining the appropriate repair source for depot level maintenance workloads. The AFI also charges HQ AFMC/LG with implementation of the policy. On 15 Apr 02, AFMC/CC and SAF/AQ issued a memo, Product Support Partnerships and Depot Maintenance Integration. The memo provided some interim changes to the SORAP policy contained in AFI 63-107. Implementation instructions for the changes are attached.

2. Questions regarding SORAP policy or implementation of that policy may be directed to Mr. Ron Hathaway, HQ AFMC/LGPW, DSN 674-0175, e-mail ron.hathaway@wpafb.af.mil.

DEBRA K. WALKER
Deputy Director for Depot Maintenance
Directorate of Logistics

Attachment:
Partnered Core/Non-core SORAP Implementation

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PARTNERED CORE AND PARTNERED NON-CORE SOURCE OF REPAIR ASSIGNMENT PROCESS (SORAP) DATA PACKAGES

1. On 15 Apr 02, HQ AFMC/CC and SAF/AQ signed a partnering policy memo which changed, to some degree, policy with respect to the Source of Repair Assignment Process (SORAP) which is addressed at attachment 3 of AFI 63-107. This correspondence addresses HQ AFMC/LG implementation of those changes. For the most part, the policy detailed in AFI 63-107 remains unchanged, except as noted below. The section of the memo that this document addresses is quoted below:

"7. A fully coordinated abbreviated Source of Repair Assignment Process (SORAP) shall be accomplished prior to milestone B, System Development & Demonstration, for the following depot maintenance capability and/or workloads:

a) Core. An abbreviated SORAP on Core candidate capability and/or workload shall at a minimum consist of (1) a HQ AFMC/LGP Core candidate assessment, and (2) HQ AFMC/LGP identification of a candidate public depot. AFI 63-107, currently requires a Core candidate assessment prior to submission of the SAMP. This policy change mandates "identification of mandatory partnering" on Core candidate capability and/or workload in the RFP/solicitation, prior to Milestone B, System Development & Demonstration. Later in the acquisition program, when actual usage is available, a full SORAP can, be accomplished to determine what if any percentage of the Core Candidate capability/workload can efficiently be out-sourced or shared with the private partner.

b) Partnered non-Core. An abbreviated SORAP on non-Core candidate capability and/or workload shall at a minimum consist of: (1) a HQ AFMC/LGP Core candidate assessment (2) HQ AFMC/LGP identification of a candidate public depot, (3) a 50/50 assessment, (4) a private partner proposal, (5) a HQ AFMC/LGP acceptance to ensure capability and/or workload is compatible with the Depot Maintenance Long-Term Strategy, and (6) selection as "Best Value" by the source selection committee. Remaining non-Core depot maintenance capability and/or workload will comply with routine SORAP procedures and guidance.

8. Both partners have responsibilities for the establishment of DoD depot capability based on the accepted partnering agreement. Both partners shall immediately, or as soon as is necessary to ensure DoD depot capability is available to support the initial generation of repair requirements, initiate planning, budgeting, and funding for DoD depot activation of the repair capability necessary to support the capability and/or workloads addressed in paragraph 7 above."

2. While the policy directs completion of the SORAP prior to milestone B in the applicable situations, it does not preclude later accomplishment for those programs that have passed that milestone. We anticipate the majority of the post milestone B programs will be worked through the process shortly and newer acquisitions will more closely

adhere to the requirement of an early posturing decision. In order to accomplish the intent of the new policy we have prepared the data package formats as attached. Attachment 1 addresses those depot maintenance workloads that are identified as candidates to satisfy a core capability, while attachment 2 is for non-core candidate depot workloads.

3. Both of the approaches addressed by the new policy require a public/private partnering approach to product support. The partnering strategy is to be developed and a depot maintenance source of repair decision made prior to milestone B (The System Development and Demonstration phase) In order to accomplish this, it is essential for the Single Manager to identify the requirement to HQ AFMC/LGP early in the program. The identification should be in the form of a request for a candidate organic depot and for an assessment of the potential for the workload to be used to satisfy a core capability requirement. The data elements necessary for the candidate depot and core assessment requests are identified in the data sheets as attached. Since the request is based on preliminary data, the elements may be somewhat conceptual in nature.

4. Once the candidate depot is identified, the single manager is encouraged to establish a dialogue with that center. This dialogue should lead to the jointly agreed to partnership strategy which will be used for abbreviated SORAP purposes and will be included in the system development & demonstration RFP/solicitation. It is recommended that the potential bidders also be included in the strategy since they will be required to bid to the partnering strategy. The single manager and candidate depot coordinated partnership strategy is a required attachment to the abbreviated SORAP data package.

5. From a depot maintenance source of repair perspective, the SORAP recommendation and ultimate decision address only the depot maintenance part of the sustainment effort. It does not address other levels of maintenance nor does it address management aspects of that sustainment. In this respect, even though a partnership does exist for the overall sustainment effort, if the depot maintenance is to be performed by a contractor, the SORAP recommendation will be contract repair. If the depot maintenance is to be performed by government resources, the recommendation will be organic repair and will include the proposed location. In some instances, both the contractor and the organic depot will be responsible for repairing some number or percentage of the same depot reparable. This will result in a partnering SORAP recommendation since it is partnering at the depot maintenance level. In other instances, the recommendation may be twofold. A depot reparable may be split along contract/organic capability lines with a proposal of contractor repair of specific components and organic repair recommended for a separate group of components. In these instances two SORAP packages may be appropriate, each addressing the individual repair sources.

6. 10 USC Section 2464 requires that workloads used to support a core capability must be accomplished by government personnel and using government owned and operated facilities and equipment. While a partnership may be devised using a mix of contractor and government personnel and some hybrid arrangement of government/contractor owned facilities and/or equipment, the workload accomplished under that arrangement

may not be used to support a core capability. If, however, the workload accomplished under that arrangement is accomplished by government personnel, it may be considered an organic workload for purposes of 10 USC Section 2466 (50/50) compliance.

7. In order to approximate the posturing impact of a source of repair decision, it is necessary to consider the potential number of workload hours which will generate as a result of the decision. In this respect and considering the timing of the decision, it is necessary to approach that estimate from one of two different perspectives. For source of repair recommendations where the item under consideration has some repair history, the program office is responsible for projecting the workload for SORAP purposes. This does not preclude assistance from the candidate depot. For those decisions pursued very early in the life cycle, repair history may not be available. In these instances, the single manager should work with the candidate depot to identify a like item from which they may extrapolate workload hours for the item under study. It is understood in either instance that the projection is based on the best information available at the time.

8. Upon completion of the data elements, the single manager will prepare the SORAP package, to include the required attachments. The single manager will sign the coordination page, then forward the package to the candidate depot. The candidate depot will review the package and coordinate on the recommendation. The coordination can be either a concurrence, in which case no further documentation on their part is required, or it can be a non concurrence. In the event of a non concurrence, the candidate depot will provide, as an attachment to the package, their rationale for non acceptance. They will then return the package to the single manager.

9. Upon receipt of the package after candidate depot coordination, the single manager will attempt to resolve any disagreements with the candidate depot. Regardless of the outcome of any dispute resolution actions, the single manager will secure the coordination of their center commander and forward the package to HQ AFMC/LG for coordination. HQ AFMC/LG will review the package and either concur or non concur. As regards a partnered non core SORAP recommendation, a concurrence by HQ AFMC/LG confirms their acceptance of the recommendation as being compatible with the depot maintenance long term strategy. At this point, further staffing or dispute resolution will be in accordance with the procedures identified in AFI 63-107.

10. The final criteria for the partnered non core workload SORAP states "selection as 'Best Value' by the source selection committee". This is an after the fact qualification. If the solicitation is configured to include the provisions as set out in the approved SORAP package for partnered non core workloads and if the proposal selected contains those provisions, it is assumed the best value criteria has been met.

THE AIR FORCE DEPOT MAINTENANCE SOURCE OF REPAIR ASSIGNMENT PROCESS PARTNERED CORE DATA PACKAGE

Following is the **partnered core** SORAP Data Package format and elements, to include a brief description of those that require explanation. This data package will only be used for those workloads that are candidates to satisfy a core capability and for which the recommendation will be organic depot repair. Also indicated below are those data elements required (must include) and requested (helpful if included) when submitting a request for a candidate depot or a core assessment.

IS DEPOT LEVEL MAINTENANCE FOR THIS PROGRAM BEING PURSUED IN CONJUNCTION WITH A PUBLIC/PRIVATE PARTENRSHIP STRATEGY?
(Circle one)

1. **YES**

If yes, provide as an attachment to this data package, a description of the partnership strategy. Include the proposed depot level maintenance involvement.

2. **NO**

If no, this is not the appropriate SORAP data package to use.

THIS SORAP IS PROVIDED FOR A: (Circle one)
This element is required for a candidate depot request and a core assessment request

NEW START

WORKLOAD SHIFT

MODIFICATION INSTALLATION

MODIFICATION FOLLOW-ON WORKLOAD

OVERSEAS WORKLOAD PROPOSAL

CRITERIA

A. NAME OF STUDY SUBJECT [Include FSC(s) and if known, NSN(s)]:
What is the common name used to refer to the subject of the study
This element is required for a candidate depot request and a core assessment request.

B. DESIGNATOR:
What is the military designator?
This element is requested for a candidate depot request.

C. SYSTEM DESCRIPTION:
What is the system, what will it do, how will it do it better, etc?
This element is required for a candidate depot request and a core assessment request.

D. END ITEM APPLICATION:
What is the item used on or associated with?
This element is required for a candidate depot request and a core assessment request.

E. TECHNOLOGY ASSESSMENT:
What technology or technologies are used in the item under study? Describe the technologies in terms of the Air Force technology repair center workload groupings.
This element is requested for a candidate depot request and a core assessment request.

F. WORKLOAD DESCRIPTION:
Describe, in general terms, the depot maintenance activities that will be used to repair the item.
This element is requested for a candidate depot request and a core assessment request.

G. CANDIDATE ORGANIC DEPOT:
Enter the candidate organic depot as provided by HQ AFMC/LGPW
Attach notification

H. LOGISTICS SUPPORT PRIORITY:
What is the relative priority of the item being studied? Generally the same as the end item and available in the Program Management Directive..

I. MAINTENANCE CONCEPT:
Generally some combination of organizational, intermediate and depot level maintenance.

J. DEPOT FACILITIES OWNERSHIP
10 USC Section 2464 requires government ownership of facilities and equipment used to support depot maintenance core capabilities. Describe the terms of ownership that will apply to the facilities used to provide depot support of this workload.

K. DEPOT SUPPORT EQUIPMENT OWNERSHIP:
10 USC Section 2464 requires government ownership of facilities and equipment used to support depot maintenance core capabilities. Describe the terms of ownership that will apply to the equipment used to provide depot support of this workload.

L. DEPOT REPAIR DATA AVAILABILITY:
It is necessary for the Air Force to have unhampered access to the depot repair data necessary to establish and maintain the skills and processes required to accomplish depot level repair. Describe the circumstances through which this access is, or will be achieved.

M. SYSTEM INVENTORY:

Total Aircraft Inventory (TAI):

Primary Aircraft Authorization (PAA):

N. SUBSYSTEM PEACETIME INVENTORY:

O. SYSTEM EXPECTED/PLANNED LIFE: (FYXX - FYZZ)
First and final year of planned usage
This element is requested for a core assessment request.

P. DEPOT PEACETIME WORKLOAD HOURS 1ST THROUGH PEAK YEAR, (In DPAH):

FYXX FYXX FYXX FYXX FYXX.....FY Peak Year
Workload phase in from first year through peak year.
This element is requested for a core assessment request

Q. SOURCE OF THE PEACETIME WORKLOAD ESTIMATE
Was the workload derived from actual repair history for the item/system under consideration or was it extrapolated from a like system? If from a like Item/system, what is the item/system?

STATUTORY CONSIDERATIONS

A. CORE ASSESSMENT -- COULD THIS WORKLOAD BE USED TO SATISFY A CORE CAPABILITY REQUIREMENT?
Enter yes or no (provided by HQ AFMC/LGPW, attach notification)

CONTRACT TO ORGANIC REPAIR TRANSITION

Workloads used to satisfy a core capability must be repaired organically. However, during the depot activation period, it is frequently necessary to use an interim contract repair source while that organic capability is being established. For 10 USC Section 2466 (50/50) tracking purposes, it is necessary to estimate the recurring depot maintenance repair cost of both the contract and organic repair through that transition period. It is understood that these costs may overlap as the workload transitions to the organic repair source.

A. ESTIMATED COST OF CONTRACT REPAIR

FYXX FYXX FYXX FYXX .....FYEND OF CONTRACT REPAIR
Enter, by fiscal year, the estimated recurring cost of contract repair, through the completion of transition to organic repair. Do not include repair costs incurred prior to Initial Operational Capability. (if not applicable, enter N/A).

B. ESTIMATED COST OF ORGANIC REPAIR

FYXX FYXX FYXX FYXX .....FYPEAK YEAR
Enter, by fiscal year, the estimated recurring cost of organic repair beginning with the first year of organic repair through the peak year.

THE AIR FORCE DEPOT MAINTENANCE
SOURCE OF REPAIR ASSIGNMENT PROCESS
PARTNERED CORE DATA PACKAGE

RECOMMENDATION

A. WHAT IS THE RECOMMENDED DEPOT LEVEL REPAIR SOURCE?

The recommended depot level repair source is organic repair at _____
Organic depot level repair determinations require that the location of the repair be designated as part of the decision. Enter the recommended organic depot level repair location.

B. WHAT IS THE RATIONALE FOR THE RECOMMENDATION?

For what reasons is the repair posture recommended.

REQUIRED ATTACHMENTS

A. PARTNERSHIP STRATEGY, TO INCLUDE DEPOT LEVEL MAINTENANCE INVOLVEMENT

B. CANDIDATE DEPOT DESIGNATION DOCUMENT

C. 10 USC 2464 (CORE) ASSESSMENT DOCUMENT

THE AIR FORCE DEPOT MAINTENANCE
SOURCE OF REPAIR ASSIGNMENT PROCESS
PARTNERED CORE DATA PACKAGE

COORDINATION/APPROVAL
This information should be on one sheet of paper

FOR ORGANIC DEPOT REPAIR AT _____
Location
OF _____ **WORKLOAD**
Name of Study Subject

	SIGNATURE	**DATE**
SINGLE MANAGER	_____	_____
Printed Name	_____	
Office Symbol	_____	
CANDIDATE DEPOT BDC	_____	_____
Printed Name	_____	
Office Symbol	_____	
CENTER CC	_____	_____
Printed Name	_____	
Office Symbol	_____	
HQ AFMC/LG	_____	_____
Printed Name	_____	
ASP CHAIRPERSON (If an ASP is conducted)	_____	_____
Printed Name	_____	
Office Symbol	_____	

THE AIR FORCE DEPOT MAINTENANCE SOURCE OF REPAIR ASSIGNMENT PROCESS PARTNERED NON-CORE DATA PACKAGE

Following is the **partnered non-core** SORAP Data Package format and elements, to include a brief description of those that require explanation. This data package will be used for those workloads that are not a candidate to satisfy a core capability and are planned to be managed/repaired at the depot level through a contract/organic partnering arrangement. Also indicated are those data elements required (must include) and requested (helpful if included) when submitting a request for a candidate depot, a core assessment, or a 50/50 assessment.

IS DEPOT LEVEL MAINTENANCE FOR THIS PROGRAM BEING PURSUED IN CONJUNCTION WITH A PUBLIC/PRIVATE PARTENRSHIP STRATEGY?
(Circle one)

1. **YES**

If yes, provide as an attachment to this data package, a description of the partnership strategy. Include the proposed depot level maintenance involvement.

2. **NO**

If no, this is not the appropriate SORAP data package to use.

THIS SORAP IS PROVIDED FOR A: (Circle one)
This element is required for a candidate depot request, a core assessment request and a 50/50 assessment request.

NEW START

WORKLOAD SHIFT

MODIFICATION INSTALLATION

MODIFICATION FOLLOW-ON WORKLOAD

OVERSEAS WORKLOAD PROPOSAL

CRITERIA

A. NAME OF STUDY SUBJECT [Include FSC(s) and if known, NSN(s)]:
What is the common name used to refer to the subject of the study
This element is required for a candidate depot request, a core assessment request and a 50/50 assessment request.

B. DESIGNATOR:
What is the military designator?
This element is requested for a candidate depot request.

C. SYSTEM DESCRIPTION:
What is the system, what will it do, how will it do it better, etc?
This element is required for a candidate depot request, a core assessment request and a 50/50 assessment request.

D. END ITEM APPLICATION:
What is the item used on or associated with?
This element is required for a candidate depot request and a core assessment request.

E. TECHNOLOGY ASSESSMENT:
What technology or technologies are used in the item under study? Describe the technologies in terms of the Air Force technology repair center workload groupings.
This element is requested for a candidate depot request and a core assessment request.

F. WORKLOAD DESCRIPTION:
Describe, in general terms, the depot maintenance activities that will be used to repair the item.
This element is requested for a candidate depot request and a core assessment request.

G. CANDIDATE ORGANIC DEPOT:
Enter the candidate organic depot as provided by HQ AFMC/LGPW
Attach notification

H. LOGISTICS SUPPORT PRIORITY:
What is the relative priority of the item being studied? It is generally the same as the end item and available in the Program Management Directive..

I. MAINTENANCE CONCEPT:
Generally some combination of organizational, intermediate and depot level maintenance.

J. DEPOT FACILITIES OWNERSHIP:
Describe the terms of ownership that will apply to the facilities used to provide depot support of this workload.

K. DEPOT SUPPORT EQUIPMENT OWNERSHIP:
Describe the terms of ownership that will apply to the equipment used to provide depot support of this workload.

L. DEPOT REPAIR DATA AVAILABILITY:
Describe the circumstances through which access to depot level repair data is made available.

THE AIR FORCE DEPOT MAINTENANCE
SOURCE OF REPAIR ASSIGNMENT PROCESS
PARTNERED NON-CORE DATA PACKAGE

M. SYSTEM INVENTORY:

1. **Total Aircraft Inventory (TAI):**

2. **Primary Aircraft Authorization (PAA):**

N. SUBSYSTEM PEACETIME INVENTORY:

O. SYSTEM EXPECTED/PLANNED LIFE: (FYXX - FYZZ)
First and final year of planned usage
This element is requested for a core assessment request.

P. ESTIMATED DEPOT REPAIR COST (Include hardware depot maintenance/repair, and software maintenance. Do not include nonrecurring costs):
Estimated recurring depot maintenance cost for the proposed repair source, by fiscal year. If the reparable will initially be repaired by a contractor, then will transition to organic repair, reflect that transition in the estimates. Do not include repair costs that are incurred prior to Initial Operational Capability (IOC).
This element is required for a 50/50 assessment request.

1. **ESTIMATED CONTRACT REPAIR COST**

   FYXX FYXX FYXX FYXX.....FYPEAK YEAR

2. **ESTIMATED ORGANIC REPAIR COST**

   FYXX FYXX FYXX FYXX.....FYPEAK YEAR

Q. DEPOT PEACETIME WORKLOAD HOURS 1ST THROUGH PEAK YEAR, (In DPAH):

FYXX FYXX FYXX FYXX FYXX.....FY Peak Year
Workload phase in from first year through peak year.
This element is requested for a core assessment request

R. SOURCE OF THE PEACETIME WORKLOAD ESTIMATE
Was the workload derived from actual repair history for the item/system under consideration or was it extrapolated from a like system? If from a like Item/system, what is the item/system?

STATUTORY CONSIDERATIONS

A. CORE ASSESSMENT -- COULD THIS WORKLOAD BE USED TO SATISFY A CORE CAPABILITY REQUIREMENT?
Enter yes or no (provided by HQ AFMC/LGPW, attach notification)

B. 50/50 ASSESSMENT -- IS THIS A POTENTIAL 10 USC 2466 VIOLATION?
Enter yes or no, (provided by HQ AFMC/LGPW, attach notification)

SOLE SOURCE CONSIDERATIONS

A. IF RECOMMENDED FOR CONTRACT REPAIR, WILL APPROVAL RESULT IN A SOLE SOURCE CONTRACT DEPOT SUPPORT POSTURE?
Enter yes or no

B. IF APPROVAL WILL RESULT IN A SOLE SOURCE CONTRACT SUPPORT POSTURE, WHAT RISK MITIGATION PLANS HAVE BEEN MADE/ARE IN EFFECT?

RECOMMENDATION

A. WHAT IS THE RECOMMENDED DEPOT LEVEL REPAIR SOURCE?
Enter contract or organic repair. If organic, at what location?

B. WHAT IS THE RATIONALE FOR THE RECOMMENDATION?
For what reasons is the repair posture recommended. Include discussion regarding core and 50/50 impact

REQUIRED ATTACHMENTS

A. PARTNERSHIP STRATEGY, TO INCLUDE DEPOT LEVEL MAINTENANCE INVOLVEMENT

B. CANDIDATE DEPOT DESIGNATION DOCUMENT

C. 10 USC 2464 (CORE) ASSESSMENT DOCUMENT

D. 10 USC SECTION 2466 (50/50) ASSESSMENT DOCUMENT

THE AIR FORCE DEPOT MAINTENANCE
SOURCE OF REPAIR ASSIGNMENT PROCESS
PARTNERED NON-CORE DATA PACKAGE

COORDINATION/APPROVAL
This information must be on one sheet of paper

FOR_____**DEPOT REPAIR**
Contract/Organic (if organic, where?)

OF_____**WORKLOAD**
Name of Study Subject

	SIGNATURE	**DATE**
SINGLE MANAGER	_____	_____
Printed Name	_____	
Office Symbol	_____	
CANDIDATE DEPOT BDC	_____	_____
Printed Name	_____	
Office Symbol	_____	
CENTER CC	_____	_____
Printed Name	_____	
Office Symbol	_____	
HQ AFMC/LG	_____	_____
Printed Name	_____	
ASP CHAIRPERSON (If an ASP is conducted)	_____	_____
Printed Name	_____	
Office Symbol	_____	