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## CONSOLIDATING DoD HOUSING AND ALLOWANCE DATA COLLECTION

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# LMI

**Executive Summary** 

### CONSOLIDATING D₀D HOUSING AND ALLOWANCE DATA COLLECTION

The Department of Defense collects an enormous amount of data on housing for its Service personnel, and the complex and dynamic system of data collection often leads to overlapping effort. We reviewed the Services' data collection processes to see whether they could be consolidated into a single uniform effort.

Data on Service members' housing costs are collected for four primary purposes: to determine the eligibility for basic allowance for quarters payments; to determine the eligibility for, and amount of, variable housing allowances or overseas housing allowance payments; to determine housing deficits at military installations; and to calculate variable housing allowance ceilings for an installation.

We identified 14 different data collection forms now being used by DoD and the Military Services. The information on those forms is required for the four major purposes and clearly overlaps. It is collected from Service members several times; in fact, the military spends more than 2 million manhours annually on filling out and processing forms – just for housing and housing allowances.

We found that much of the data collected are redundant, some are unnecessary, and some are readily available from other sources. Collecting the same data using different methods and agents can result in inconsistent and erroneous analyses. The Finance Office should be the primary sponsor of the form and the data. DoD could realize additional savings by integrating the data collection process into a single automated system.

We recommend that the Office of the Assistant Secretary of Defense (Force Management and Personnel) [OASD(FM&P)] and the Office of the Deputy Assistant Secretary of Defense (Installations) [ODASD(I)] continue with their joint initiative to consolidate the data forms for allowance and housing transactions and community housing information. We recommend that OASD(FM&P):

- Develop a two-part form, with Part I requesting the data required by the Joint Uniform Military Pay System and Part II requesting the remaining data elements needed for calculations not involving payments to Service members.
- Prescribe a process whereby the data are consolidated for using agencies.
- Continue with the present system for a year while implementing the new form.

We recommend that ODASD(I) investigate the potential for management or service improvements at installation housing offices if raw data on Service member housing in the community were provided in automated form. This recommendation would improve housing management by facilitating the housing referral process, reducing staff time associated with data collection, and ensuring that responses to housing questions are both timely and accurate.

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#### CHAPTER 1

#### **CURRENT PROCESS**

#### BACKGROUND

Government-owned housing, Government-controlled housing, and private housing in communities near military installations are the sources of living quarters for military families. Enough Government housing is rarely available for all the military families that need it, so the Government provides Service personnel with a basic allowance for quarters (BAQ) to help offset the cost of renting or buying from private sources. Because rent varies at different military locations, the Government also provides a variable housing allowance (VHA) to alleviate location differentials. [Outside the United States, this rent support is called the overseas housing allowance (OHA).] Under current DoD policy, local communities are the preferred choice for military housing. Only when housing is not available in the private sector will the DoD consider building or leasing housing for military families.

A vast quantity of detailed information is required to support the decisions that set allowance levels, that determine the actual allowances paid to a family, or that justify building or leasing additional Government housing units. Housing data are part of a complex and dynamic data collection process, and significant modifications are now being made to that process.

The DoD has begun a consolidation of the entire Military Service finance process (through which housing allowances are paid). The Army and Air Force are currently testing a combined finance system, and the Military Services are studying the structures of their housing procedures. At the same time, the Office of the Secretary of Defense Per Diem, Travel and Transportation Allowances Committee – referred to as the Per Diem Committee – is revising the VHA calculation process, and that revision will require more frequent data collection. As the result of these concurrent activities, DoD became aware that the data collection processes often overlap and tasked us to determine whether they could be consolidated to save time and reduce paperwork.

#### PURPOSE OF HOUSING DATA COLLECTION

Data are collected on Service member (SM) housing for four primary purposes: to determine eligibility for BAQ payments; to determine eligibility for, and amount of, VHA or OHA payments; to determine installation housing deficits; and to calculate the appropriate VHA ceilings for an installation. These housing cost scenarios are presented in Appendix A.

Personnel, Finance, and Housing are the three major staff agencies that participate in the housing data collection process. (Throughout this report, when we refer to any of those three functions, we use lower case, as in "a personnel issue"; where we refer to an agency or office, we use initial capitals, as in "a Finance Office.") In addition, the OSD Per Diem Committee, which is responsible for determining housing allowance rates, also participates in the processes. The activities of these agencies are described in detail in Appendix A.

#### CUSTOMER SERVICE ACTION FLOW

In each Service, the actual flow of data collection activities differs slightly because of different organizational relationships among the units to which the SMs are assigned and the personnel, finance, and housing functions. However, the general processes and procedures are similar enough that one scenario can be used for all Services.

The SM and the major participants interact at a number of data collection points. When the SM first arrives at an installation, data collection activity is heavy; during the tour of duty, it is intermittent; and prior to departing for the next assignment, information is collected to close out the SM record. In addition, all participants generate their own actions for internal policy setting, auditing, or file maintenance, and the SM must contribute to them.

#### **DoD ADMINISTRATIVE ACTION FLOW**

In the process of performing their regular customer service functions, Personnel, Finance, and Housing Offices at each installation participate in largescale data collection. In this study, we examine their roles in the housing surveys used to determine where housing acquisition funds might best be applied, and in the VHA/OHA surveys used to establish the maximum housing allowance rates for each installation.

#### DATA COLLECTION FORMS USED

More than a dozen different forms are used to collect all these housing data, and many of those forms are quite similar. The data overlap among the forms is illustrated in the tabulation in Appendix B. The forms themselves are presented in Appendix C.

#### **Department of Defense Forms**

Data collection forms used by more than one Service carry a DoD identifier (e.g., DD 114, *Military Pay Order*). As the Service finance systems merge, more of the forms used in the housing/finance interface will become DoD forms. At present, however, the following housing forms are used:

- Variable Housing Allowance Data Collection Form. This VHA survey form has never been assigned a form number, presumably because it changes slightly from year to year even though it is validated with the survey's report control symbol number. It is the mark-sense form on which the Per Diem Committee's VHA survey is to be completed.<sup>1</sup> Printed in two colors on 11- by 17-inch paper, it arrives folded to allow for a cover letter from the Deputy Assistant Secretary of Defense (Manpower Policy and Programs) and has three sides for mark-sense responses. The Census of SMs drawing BAQ is conducted annually.
- VHA Verification Survey. After the initial VHA survey has been made, 1 percent of the respondents who are renters are selected for a verification survey by the Defense Manpower Data Center (DMDC). This is a singlesheet form printed for mark-sensing.
- DD 376, Housing Cost Data Sheet Personal Uniformed Services Personnel. This form is the OHA equivalent of the VHA survey form; however, it is not machine-readable. It is filled out annually by all overseas BAQ recipients. The Per Diem Committee is uncomfortable with the low response rate and is moving away from the use of this form in favor of a census along the lines of the VHA process.
- DD 2367, Individual OHA Report. Data collected on this form are used by overseas Finance Offices to establish the OHA and recertify it annually. Currently, the Per Diem Committee uses the data collected on the

<sup>&</sup>lt;sup>1</sup>Forms that require a "mark" (usually a dot) that is machine-readable (i.e., that a machine can "sense") are known as "mark-sense" forms.

DD 2367 form annually to establish the rent ceiling component of the OHA, through data extracts from the Joint Uniform Military Pay System (JUMPS) provided by the Services.

- DD 1376, Family Housing Questionnaire. This survey form is used to help determine the military housing deficit. It is administered through the installation Housing Office and records data on costs, location, size, and condition of private housing occupied by SMs. Its principal virtues are its clarity and the ease with which it can be completed. The survey form is distributed annually to selected installations (except those of the Army) when current deficit information is needed.
- DD 1746, Application for Assignment to Housing. This form is used by an installation Housing Office to record an incoming SM's rank and number of dependents; housing preferences in terms of size, cost, and location; and the eventual settling into Government or private quarters. (In the Air Force, this information would have been submitted from the previous duty station.)
- DD 1670, Notification of Housing Selection. This form (still in use only by the Army) is a postcard and is intended to capture information for the Housing Office about the SM's private residence. With the exception of discrimination complaints, the information is supposed to be recorded on the DD 1746 when the SM is transferred from the installation. In practice, although SMs seldom return the cards, they never return to the Housing Office to complete the DD 1746; thus, the DD 1670 is used because it, at least, provides some data, however minimal.
- DD 114, Military Pay Order. This simple form (essentially a blank page with header fields) is used by installations for many purposes; within the intent of this study, it is used by a Finance Office to cause a change in pay for an SM in a different Service. Thus, a Navy SM assigned to an Air Force installation would have most financial transactions entered on a DD 114 that would then go to the Navy Finance Center for execution. Each Service depends entirely on the desk clerk of the other Service to verify the source documents and on the SM's honesty to fill out the form truthfully.

#### **Army Forms**

The Army uses the following forms, which may become obsolete in the next year when the Army finance process is absorbed into the Air Force system.

- DA 5545, VHA Certification. This form is used to collect the uata needed to compute the correct VHA offset after the 60-day arrival period and after annual recertification.
- DA 0-1, Housing Allowance Document and Certificate. This draft form was developed by the Army in its first attempt to consolidate the housing and

finance information collection process. Although it has been superseded in the merger with the Air Force finance system, the form has some value as a clear layout of most of the information required for housing allowance purposes.

#### Air Force Forms

- AF 594 (September 1984), Authorization to Start, Stop or Change BAQ, Rent Plus, and/or VHA. The long title of this form indicates its wide range of uses. It is also used as a supplement to the DD 2367 in collecting information on SM dependents and SM certifications and recording assignments to Government quarters. The Air Force has managed to combine a great deal of information onto a single, well-laid-out form. It is, however, slated for replacement by the AF 3502 and the new AF 594 discussed below.
- AF 3502, Authorization to Start, Stop or Change Variable Housing Allowance. This form is used for the payment of VHA. It replaces the old AF 594 in separating VHA from BAQ issues.
- AF 594 (new and undated), Application and Authorization to Start, Stop, or Change Basic Allowance for Quarters (BAQ) or Dependency Redetermination. This form replaces the older AF 594 in dealing with BAQ issues; VHA data is collected on the new AF 3502. These forms highlight the entire point of our study: each new form requires about as much information as the old single form required!
- AF 987 (undated). This form is, at the time of writing, replacing the AF 987 card. This card provided space for the SM to record changes to rent or dependents, reaccount for rent sharers (rent cost-shared with others), and boxes to indicate no change from the previous BAQ/VHA report. It has been revised to collect the information required for the payment of OHA. Although the form is considerably longer, the real difference is in the use of the entire reverse side of the form for instructions, Housing and Finance Office certifications, and worksheets.

#### **Navy Form**

• VHA Certificate. This form is based on the standard layout required by JUMPS documentation; the form number is assigned locally by installation finance activities, even though all use the same form. The top part is identical to the Army's DA 5545 form; the bottom part provides a worksheet space where the VHA offset can be computed properly. It is used for initial assessment of VHA and annual recertification.

## U.S. Marine Corps Form

• Form 7200, Variable Housing Allowance Application. The first page of this form contains instructions for completing the form and a worksheet for determining the identity and number of residence sharers. The second page is similar to other forms with the top part following the JUMPS layout, while the lower part is devoted to SM and reviewer certifications.

#### **CHAPTER 2**

#### **CONSOLIDATION ALTERNATIVES**

The consolidation of data collection forms and processes depends entirely on how and by whom each form is to be used. After reviewing the data required by each of the major functions to be supported by joint housing/finance data collection, we were able to develop three major alternatives to the way in which data are now collected (see Alternatives Considered).

#### PORTRAYAL OF THE PROBLEM

As described in Chapter 1, four major agencies (Personnel, Finance, and Housing Offices at each installation, and the OSD Per Diem Committee) and the individual SM are continuously involved in providing and collecting data. In addition, the military staff chains of command, unit chains of command, DMDC, and the Navy's Facilities Support Office (FACSO) become intensively involved from time to time. All of these participants contribute to four major processes: allowance processing, allowance certification, allowance ceiling determination, and housing deficit projection.

The current housing data collection problem has two facets: the same data are required by more than one activity, and extra time is required to process the same transactions more than once. In Appendix A, we show how data elements overlap from one form to another. In this chapter, we distill those data elements into the data needed to make the necessary decisions. We conclude that much of the data are needed to accomplish several functions simultaneously. That does not mean the data must be collected and maintained separately. Collecting the same data more than once invites error and results in inconsistent data and misleading analyses. We must identify the agent responsible for collecting a data element and depend on that agent to collect it accurately.

In addition to risking the introduction of errors, multiple collections of the same data waste time, manpower, and resources without adding value to the process. The remaining sections of this chapter describe the housing data used by each of the key organizations, the structure and rationale for data collection consolidation alternatives, and the data elements considered necessary for each housing function. In Appendix D, we show how consolidating data collection and processing can reduce time and costs, particularly for the SM and the appropriate chain of command.

#### STRUCTURING THE ALTERNATIVES

In developing alternatives, we tried to devise data collection systems that reduced the overall burden on all staff sections but particularly on the unit chain of comm<sup>2</sup>..d and the SM. In addition, we wanted to maximize the response rate and accuracy of the data. Finally, we wanted to ensure that data were collected and transferred electronically to the maximum extent in line with our desire to minimize the amount of manpower required.

The burden can be reduced in three ways: by reducing the total volume of data collected, by reducing the number of forms to be filled out, or by reducing the number of offices initiating forms.

#### **Reduction of Data Volume**

All data-collection alternatives maximize the amount of information while minimizing the number of questions and collect only data elements needed for the stated purpose. Thus, where there were two ways to ask a question, we selected the most specific; where a question was sometimes asked and sometimes not, we removed it; and where information seemed to be readily available from other sources, we omitted it.

#### **Reduction of Forms**

Although the procurement community states that the cost of setting up and distributing forms is more a function of the volume of forms than the number of types, we concluded that standardizing information onto DoD forms is preferable to using separate forms for each Service. Using DoD forms reduces learning time as civilian employees move from one Service to another and reduces confusion as Service and DoD staffs talk to each other.

Reducing the number of forms that must be processed to take care of each SM's housing needs provides immediate cost savings. Further, since all housing functions can be captured on fewer forms, SM and staff time are saved.

The ultimate number of forms depends on the quantity and distribution of data to be collected. Appendix C shows the forms currently in use; clearly, the more data required by a form, the less attractive it is and the less likely it is to be completed. In addition, the Per Diem Committee's mark-sense forms, while appealing, provide very little data. An attempt to consolidate all the required data onto a single form would create a very long instrument, again generating errors as a result of resistance to filling it out. As an alternative, we should consider a main form with auxiliary forms to handle special or completely isolated data.

A far-reaching solution would be the elimination of forms altogether, entering all the data on computer terminals instead. Because DoD has difficulties in acquiring certain types of computer equipment, this option is presented merely for future consideration.

#### **Reduction of Initiating Offices**

Each participant in the military housing process has a legitimate role in data collection. That does not mean that each needs to have its own parallel process. As noted before, sound data management dictates that only one agent be responsible for each data element. We can reduce data collection redundancy in one of three ways.

Firs<sup>+</sup>, we can collect the data as part of a distributed data system in which it could be retrieved or updated as needed. Second, data could be collected and verified by various offices just as at present but using only one form per SM. Thus, once a data element has been collected on the form and verified by the appropriate agency, the SM with the form would move to the next office to provide the information required there. Once the form is completed, copies would be distributed to all interested parties. Third, all data could be collected through one office. That office would be the one that needs the most elements, the one that has the best collection capability, or the one through which the best response rate and accuracy could be expected. In this alternative, the best solution would be for data to be collected through the Finance Offices. Most of the necessary data elements already appear in the JUMPS database, which provides the most comprehensive collection capability. Because Finance deals in real money transactions, they must maintain an audit trail, part of which is on-site verification of all data regardless of the authentication by other staff sections. Finally, if all the data collection activities could be consolidated, then a single document would contain housing surveys and allowance applications. SMs will have to complete the surveys in order to get paid. This would provide a powerful incentive to maintain a complete data file. Such a motivational tool is not available to the Personnel and Housing Offices.

#### **ALTERNATIVES CONSIDERED**

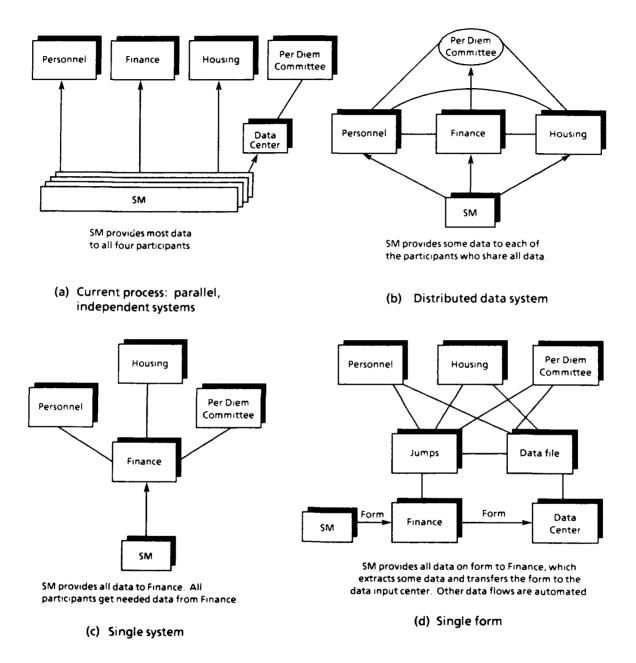
To solve the data collection problems, we developed three data collection and distribution concepts as alternatives to the current procedure. The current process and alternatives are depicted in Figure 2-1.

#### **Parallel Independent Systems**

In the existing process [see Figure 2-1 (a)], each of the three offices and the Per Diem Committee collects its information independently of the others. As we have already shown, this procedure creates a significant work overlap and places a large and unnecessary burden on the SM, who is the single data source. Automation would only make each system more efficient internally since the systems are not designed to transfer data in or out. The advantages to the offices involved are that data are collected in precisely the desired form and at the desired time. This assumes, however, that the SM would provide accurate and timely data in response to the many overlapping requests.

#### **Distributed Data System**

A distributed data system [see Figure 2-1 (b)] is the most modern approach to data management. The data are collected at the point of generation and go into a national or local data system; if not specifically shared, that system can at least be accessed by other installation-level systems. Such a system could prompt the SM to fill out the forms by providing all the needed data at a data entry terminal; the desk clerk could inspect key items or could solicit the information from the SM and enter it. The data could be shared by all interested parties while allowing it to be collected at the most appropriate point. Although some Services are structured to implement such a change easily, it could require significant hardware adjustments in other Services. We present this approach here for reference and possible long-term consideration but do not pursue it further in this study.



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#### **Single System**

A single system for collecting the data and assembling it into data files would reduce the number of SM visits and provide a single coherent database, which could provide extracts to interested parties as a matter of routine [see Figure 2-1 (c)]. To a large degree, this role is currently played by the JUMPS. A single system should be housed where the data are controlled best or needed most, and that place would clearly be the finance channel. Because all entries must be substantiated by supporting documentation, the SM must go to the Finance Office whether the data has been recorded or not. In addition, the SM must provide data to the Finance Office to get paid, a powerful incentive few can resist. Quality control is exercised by visual inspection of SM documents, just as at present.

As it happens, the existing JUMPS contains most of the required information. We envision a need to add only a few data elements: adding these elements would cause an incremental increase in the Finance clerk's input load. (The effect of that load is assessed in Chapter 3 and Appendix D.) Again, the clerk's workload could be reduced if a terminal input process were used by the SM.

#### **Single Form**

The third alternative we considered is a continuation of the use of parallel independent data systems, in order not to overload JUMPS with nonpay data, and a reduction in the amount of paperwork required by adopting one standard form that covers all needed actions [see Figure 2-1 (d)].

Using this approach, finance transactions would continue essentially as at present. However, only one form would be used when an SM applies for an allowance. That form would also include the necessary housing-related data. It would be divided into a finance section and a housing section. The Finance Office would process its part of the data into the JUMPS files; the second part of the form would be forwarded from the Finance Office to a designated collection agency where it could be processed into a master file. With such a process, rates and other information could be computed as required, rather than being tied to a survey.

The necessary parts of this alternative are in place now. FACSO now receives all the housing surveys from installation Housing Offices directly and has the manpower and systems in place to key them into a computer system. The Per Diem Committee's contractor can accept machine-readable forms and convert them into computer files with a very low incidence of error. The risk with the single-form alternative is that no significant quality control is imposed over the non-pay section of the form if the Finance Office abandons it. However, the current methods of collecting data are equally risky, and statistical analysis of the data collected should permit the rejection of spurious data.

Some of the agencies we contacted during this study have suggested an even more streamlined approach whereby an entire mark-sense form would be completed by the SM, certified, and transferred through the Finance office to a data processing center. There, the forms would be scanned and converted to a complete data tape for access by all using agencies including Finance. In our discussions with the Finance community we were impressed with their insistence on a controlled data system and we do not believe that they would accept data from a third party as a pay directive; therefore, we did not pursue this variation further. However, the concept is presented for reference as another approach that OSD may consider.

#### DATA ELEMENTS REQUIRED

For each alternative, we structured the data entry so that each data element must be collected only once. To do that, we identified 30 data elements required for all processes. The data elements we selected for the consolidated form are described in Table 2-1. The specific format of the questions must be determined by the capabilities of the alternative selected.

We have identified all of the data elements required to calculate the allowances and housing deficits; in some cases, however, data may be required by law even though it may not be needed for any calculation. Clearly in those cases, the data must continue to be collected.

The OHA process poses a challenge because of unique data handling. For instance, initial and terminal expenses are accounted for. Because of the wide variations of housing conditions, we believe that those expenses should be collected separately on a Move-In Housing Allowance (MIHA) form by each overseas station. In addition, OHA requires the separate collection of purchase prices in order to calculate an imputed rent for overseas homeowners. While accepting the OHA rental-equivalency formula, we would expect that formula to be applied at the Finance Office where the data are reviewed for correctness, thus again, allowing the

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#### FINAL DATA ELEMENTS

Data element	Content (if not self-evident)	
Sponsor Data		
Service	Code to indicate one of seven Services (Army, Navy, Air Force, USMC, USCG, NOAA, USPHS)	
Component	Active, Reserve or National Guard	
Name	Fill in blank (not for machine reading)	
Pay grade	Code to indicate officer, warrant, enlisted, or civilian; pay grade from 1 – 18 or highest GS or GM scale number desired	
SSN	Social Security Number	
Duty zip code		
BAQ type	Code to indicate with or without dependents at full or partial rate	
Sponsor Residence		
Residence zip code		
Residence city/country	Code as needed by Per Diem Committee, OHA Branch	
Household Data		
Dependents reside with SM?	Yes/No	
Claim basis (# locations)	Code to indicate single- or multiple-location BAQ/VHA	
Dependent address	City/country or zip code, if not located with SM	
Dependent child DOB	List of children by DOB and gender	
Dependent gender	List of children by DOB and gender	
Other dependents' COLA?	Yes/no or number as required by JUMPS	
Sharers	Number with worksheet as found on current forms	
Share SM SSN	Social Security Number of SM rent sharer	
House Data		
In Government house, type?	Code for family housing, transient guarters, bachelor housing	
Government quarters number	, ,	
House type	Code for single-family, etc., as done on current forms	
Bedrooms	Number of bedrooms	
Baths	Number of full and half bathrooms	
Acceptable?	Code boxes, accommodate multiple reasons and overrides	
Rent/own/no fee	Code for rent, own, or occupy at no cost	
Commute time	Minutes	
Cost Data		
Currency	Code for currency type if not U.S. (will be same for all SMs at any given overseas installation)	
Total allowable expenses	Monthly total of allowable costs	
Utilities	Monthly average total utility payment	
Initial expenses		
Terminal expenses		
Control Data		
Reviewer		
Finance action	Code for start, stop, change	
Effective date	Cool for start, stop, change	

single data element, *Total allowable expenses*, to be collected rather than burden the system with an extra data element.

Finally, the OHA allows for multiple residences. For Finance Office purposes, the data are combined to calculate a single payment, while the residences can form two valid data points (one overseas, one in CONUS) for the Per Diem Committee.

In Table 2-2, we indicate the processes to which each data element contributes. Those data elements being collected on current forms as a by-product of the routing but not required for any housing action are designated with the code "U." Likewise, data elements not currently available because of form structure are identified with "S"; those needed and used today are marked "X." In establishing a new data collection process, those "S" elements would be captured on the common data collection form. No element was included on our final list if it was not a requirement for at least one process. There are two new data elements. One is labeled "total allowable expenses," which summarizes several previous data elements. The second is "component", an element specifically requested by OASD(FM&P). A comparison between the data elements we have identified and those on existing forms is made in Appendix B. In Table 2-3, we list the elements that we omitted and explain why they were discarded.

		Users			
Data element	Data on forms	Housing Office actions	Finance Office actions	Per Diem Committee	Housing deficit
Sponsor Data					
Service	x			x	
Component	×		x		
Nome.	U	U	U		U
Pay grade	×	×	×	×	x
SSN	×	U	x	U	U
Duty zip code	×	S	×	×	s
BAQ type	×		x	U	
Sponsor Residence					
Residence zip code	×	x	×	×	x
<b>Residence city/country</b>	×	×	×	×	x
Household Data					
Dependents reside with SM?	×			×	
Claim basis (# locations)	x		х		
Dependent address	x		x	S	
Dependent child DOB	×	x	U		x
Dependent gender	X	×			x
Other dependents' COLA?	×		x		
Sharers	×		x	X	S
Share SM SSN	×		x		
House Data					
In Government house, type?	×	x	x	U	S
Government quarters number	×	x	U		
House type	×			x	x
Bedrooms	×	x		x	×
Baths	×	x		x	
Acceptable?	×	×		S	×
Rent/own/no fee	×	×	U	x	x
Commute time	×	S			x
Cost Data					
Currency	×	]	x	×	
Total allowable expenses	×	x	×	s	x
Utilities	×	s	U	x	
Control Data	ł	Į			
Reviewer	×	1	×	×	
Finance action	x	x	x		
Effective date	×	×	x		
Total elements	31	19	23	20	16

#### PROPOSED DATA AND USERS

Note: X = needed, used today, U = not needed but being collected, and S = needed but not being collected.

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#### **OMITTED DATA ELEMENTS**

Data element	Reason for omission		
Sponsor Data			
Military/civilian?	Picked up in definition of pay grade		
Duty organization	Not needed for any determinations		
Duty address	Not needed for any determinations		
Duty phone	Not needed for any determinations		
Attache duty?	Separate identification and dir counting		
Time on station	Not needed for any determinations		
Tour length	Not needed for any determinations		
Previous address/phone	Not needed for any determinations		
Date of rank	Not needed for any determinations		
Time in Service	Not needed for any determinations		
Time left on active duty	Not needed for any determinations		
Arrival date	Used by Housing Office for wait list, can be entered directly to wait list		
Canada Davida	,		
Sponsor Residence			
Residence overseas?	Obtained from state/zip codes		
Residence street	Not needed for any determinations		
Rent guarantee project #	Not needed for any determinations		
Landlord name	Not needed for any determinations		
Landlord address	Not needed for any determinations		
Landlord telephone	Not needed for any determinations		
Household Data			
Have dependents?	Picked up from dependent list		
Involuntary Separation	Not used for any determination		
Geographic bachelor?	Can be identified from dependent location zip		
Marital status	Picked up from dependent list		
Dependent name	Not needed for any determinations		
Dependent landlord data	Not needed for any determinations		
Dependent relationship	Not needed for any determinations		
Dependent SSN	Not needed for any determinations		
Dependent cert date	Not needed for any determinations		
Dependents elsewhere	Picked up from dependent location		
Dependent residence	Picked up from dependent location		
overseas?			
Sharer start date	Not needed for any determinations		
Share cost %	Determined by number of sharers		
Sharer name	Can be cross-referenced to sharer SSN if needed		
Share service	Can be cross-referenced to sharer SSN if needed		
Spouse duty station	Can be cross-referenced to sharer SSN if needed		
Marriage date	Not needed for any determinations		
Custody/child support	Not needed for any determinations		
House Data			
Permanent home	Not needed for any determinations		
Prefer on/off base?	Not needed for any determinations		
Furnished?	Not needed for any determinations		
runisnedi	Not needed for any determinations		

#### **OMITTED DATA ELEMENTS (Continued)**

Data element	Reason for omission		
House Data (Continued)			
Commute distance	Obtain from zip-to-zip cross-reference		
Mobile home basis	Not needed for any determinations		
Housing office reversal	Policy decision		
Own, rentals unavailable	Not needed for any determinations		
Time in residence	Not needed for any determinations		
Dependent time in residence	Not needed for any determinations		
Lease expire date	Not needed for any determinations		
Discrimination?	Not needed for any determinations		
Cost Data			
Rent frequency	Eliminated by use of consistent data		
Rent only amount	Part of total allowable expenses determination		
Finder fee amount	Part of MIHA; Housing Office determines		
Purchase price	Needed for OHA rental equivalency determinations; handle through Finance instructions		
Owner PITI	Part of total allowable expenses determination		
Dependents' PiTi	Part of total allowable expenses determination		
Utilities in rent?	Part of total allowable expenses determination		
Electric	Part of total utilities determination		
Gas	Part of total utilities determination		
Oil	Part of total utilities determination		
Wood/coal	Part of total utilities determination		
Water/sewer	Part of total utilities determination		
Trash	Part of total utilities determination		
Maintenance monthly	Part of total allowable expenses determination		
Condominium fee	Part of total allowable expenses determination		
HOA fee	Part of total allowable expenses determination		
Insurance	Part of total allowable expenses determination		
Taxes	Part of total allowable expenses determination		
Mobile home lot fee	Part of total allowable expenses determination		
Has rent changed?	Part of total allowable expenses determination		
Control Data			
Commander	Inappropriate. Commander has no knowledge of facts, and they must be reverified anyway.		
BAQ	Already in SM JUMPS file		
F\$A-1	Already in SM JUMPS file		
VHA cap	Aiready in SM JUMPS file		
Offset	Aiready in SM JUMPS file		
Reason for change	Not needed		
SM certifications	Not needed. SM is under fraud risk anyway. Certifications just take up space		

#### **CHAPTER 3**

#### **CONCLUSIONS AND RECOMMENDATIONS**

The information required to support the four housing-related processes clearly overlaps. In the past, that information has been collected from the SM several times, at least once by each agency involved. Such practices evolved from the time of manual record keeping, when interactivity of information was impossible. They also evolved from a time when the Government was considered the primary source of housing for a much smaller career military force. Such antiquated administrative techniques waste the SM's time and create redundant paperwork.

#### **COST CONCLUSIONS**

Table 3-1 presents the total costs of each system and the potential savings to be realized by replacing the current system. Clearly, significant cost savings can be realized from either of the alternatives presented. While this analysis incorporates some assumptions, we believe it results in a streamlined consolidated housing data collection system that would be significantly better than the current dispersed data collection system. Detailed calculations are displayed in Tables D-5, D-6, and D-7 in Appendix D.

#### TABLE 3-1

#### TOTAL ANNUAL COSTS

Alternative	Cost (\$000)	Savings (\$000)
Current system	33,434	-
Single system	18,749	14,685
Single form	20,430	13,004

Additional savings of \$1.6 million can be achieved by going to a single system. If JUMPS were selected as the single system, revisions would not be excessive because it is under extensive revision now. Our estimates assume that the time of the SM and the chain of command is a valuable asset. This assumption is a very significant factor in our calculation. In Table 3-2, we show a comparison of the alternatives when no value is assigned to that time.

#### TABLE 3-2

#### TOTAL ANNUAL COSTS

#### (Not counting SM and chain-of-command time)

Alternative	Cost (\$000)	Savings (\$000)
Current system	6,324	-
Single system	4,067	2,257
Single form	5,748	576

This approach, which essentially considers only the savings within the staff agencies, shows that the single form alternative offers significant savings over the current system; the single-system alternative offers even greater savings. While we reject the idea that a time demand on the SM is irrelevant, these data portray the effect on appropriated funds covered by these alternatives. The savings in Table 3-1 include savings in opportunity costs – essentially, in time wasted. The figures in Table 3-2, however, indicate the actual savings in new hires of staff personnel needed to support the alternatives. Thus, Table 3-2 should not be disregarded: it reinforces our conclusion that data processing within a single system is preferable to multiple points of data handling.

#### MANPOWER CONCLUSIONS

The key conclusion from our estimates of the manpower requirements of the alternatives is that more than 80 percent of the administrative burden falls on the SM and the chain of command. More than 2 million man-hours are spent by SMs and the chains of command each year in filling out forms – for just the housing and housing allowances segments. Clearly, any significant reduction in that administrative burden releases that much more time for the SM to perform assigned duties. Table 3-3 presents the total time requirements of each of the alternatives by participant; again, detailed calculations are shown in Appendix D.

#### TABLE 3-3

Participant	Current system	Single system	Single form
Personnel staff	106,230	6,854	68,535
Finance staff	304,125	485,744	482,317
Housing staff	102,803	22,274	22,274
Chain of command	282,708	46,261	46,261
Service member	2,571,786	1,519,770	1,519,770
Total	3,367,652	2,080,902	2,139,157

#### TOTAL TIME REQUIREMENTS

(Labor hours)

We draw three major conclusions from the data summarized in Table 3-3. First, both alternatives offer almost a 50 percent reduction in the combined demands on the SM and the chain of command.

The second conclusion is that in either case, the responsibility for much of the staff work has been shifted from the Personnel and Housing Offices into the Finance Office. The bulk of the additional Finance Office man-hours can be made up in part by shifting manpower spaces, but that would require new hires because the Housing and Personnel Specialists would not be trained in finance functions. The remainder of the increased effort could be absorbed through productivity improvements in the finance system. One way to increase productivity would be to automate data collection with the data being input by the SM. This would relieve some of the time burden from the Finance customer service clerks.

The third conclusion is that consolidation of the multiform process does not significantly decrease the net staff workload. The same information must be provided as before, but it all goes through the Finance chain. By sharing information electronically, staff agencies can do their work with far less demand on SM time for redundant data collection.

#### **DATA CONCLUSIONS**

Much of the data required to assess OHA allowance ceilings and payments are consistent with VHA data. The OHA forms can be consolidated with other forms; however, an OHA-specific attachment will be required.

We noted in Chapter 1 that much of the housing data are not reliable because the questionnaire return rates are low. The data collected do not often return to the installation from FACSO in a usable form. Without those data, Housing Referral Offices (HROs) must spend considerable time maintaining files on off-base military residences. If all SMs provide such data using the new form, the raw data could be returned to the installation for HRO use.

Some of the information collected on current survey forms is already available to many Housing Office staffs from other sources. Information such as commuting times and distances by zip code could be provided by Housing Offices directly, without a survey.

#### **OVERALL CONCLUSIONS**

Much of the data collected on existing forms are redundant and some are unnecessary. The procedures used to collect those data consume SM time repetitively for the same information. DoD can realize significant savings simply by consolidating the forms used for existing processes and by routing the forms rather than the SM from office to office as required. Since the SM cannot be paid unless the required data are given to the Finance Office, that office should be the primary sponsor of the form and the data.

Additional savings could be realized by integrating the entire data collection process into a single automated system. However, the additional savings could easily be consumed in struggles over implementation policy. An automated system would require increased output at installation Finance Offices. The difficulties in enlarging staffs in a time of force reductions require that the marginal savings of adopting a single system be approached with caution.

#### RECOMMENDATIONS

We recommend that the Office of the Assistant Secretary of Defense (Force Management and Personnel [OASD(FM&P)] and the Office of the Deputy Assistant Secretary of Defense (Installations) [ODASD(I)] continue with their joint initiative to consolidate the data forms for BAQ, VHA, and OHA allowance transactions and community housing information. We recommend that the form consolidation process take the following direction:

- Obtain Military Service concurrence on the content of the consolidated form, using the data item list in Table 2-2 as a recommended solution.
- Task the Washington Headquarters Service to design a two-part form, with Part I requesting the JUMPS-required data and Part II containing the remaining data elements in mark-sense format. Part I would be processed by the Finance Office into JUMPS; Part II would be forwarded to a central agency for data processing.
- Direct the Military Services to revise regulations to reflect the use of this form and to ensure that the form, not the SM, moves between staff offices at each installation.
- Prescribe the specifics of the processes in which data will be transferred to DMDC for combination, calculation of allowances, and communication back to installations.
- Continue with the present system for a year while introducing the new form. Publish a directive specifying the use of both systems simultaneously during this interim.

We recommend that ODASD(I) investigate the potential for management or service improvements at installation housing offices if raw data on SM housing in the community were provided in automated form.

Finally, we recommend that OASD(FM&P) keep in mind the possibility of automating the SM data input process and establishing interfunction data transfer at the installation level, in order to reduce the manpower requirement in staff offices. The effort to design and implement such actions should not, however, be attempted unless the necessary hardware will be readily available, and a detailed study indicates that the investment required for hardware acquisition, software development, and policy implementation will be justified.

## **APPENDIX A**

## **DoD HOUSING ACTIONS**

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#### **DoD HOUSING ACTIONS**

#### **MAJOR ACTIONS**

Data collection on Service member (SM) housing costs are collected for four primary purposes: to determine eligibility for basic allowance for quarters (BAQ) payments; to determine eligibility for, and size of, variable housing allowance (VHA) or overseas housing allowance (OHA) payments; to determine installation housing deficits; and to calculate the appropriate VHA rates for an installation.

#### **Basic Allowance for Quarters**

The BAQ is paid to all SMs who do not have access to Government housing. The rate is determined by pay grade and is not adjusted for location. An SM with dependents is paid a slightly higher rate, but no adjustments are made for the number of dependents. The key items of information required to authorize and pay BAQ, therefore, are assignment to or denial of quarters and dependent status.

#### Variable Housing Allowance

The VHA is in effect an adjustment of the standard salary to account for area housing costs. In a process described below, each installation is assigned a VHA rate which differs by pay grade and dependency status. If SM-allowable expenses do not exceed the combined BAQ and VHA rate, the SM splits the difference with the Government; this reduced VHA payment, known as the "offset," acts as an incentive to the SM to avoid unnecessary expenses simply because they are within the allowance cap. Key data, therefore, are the allowable expenses.

#### **VHA Ceiling Calculation**

The VHA for each pay grade in each community is set through a complex process which in essence defines the zip codes that are considered as the "community" providing housing support to each installation and computes a local cost of rental housing based on the median cost for each pay grade and dependency status. In addition, all communities are lumped together to determine a "national average housing cost," 15 percent of which is defined as the "maximum acceptable out-of-pocket cost" or "absorption." The absorption is subtracted from all local pay grade median costs uniformly to determine a total allowance ceiling, and the BAQ is subtracted from the total allowance to arrive at the VHA ceiling. Key data, therefore, are allowable costs, residence zip code, duty installation, pay grade, and dependency status.

#### **Overseas Housing Allowance**

The OHA is much like the VHA in concept and execution. It differs in three primary aspects. First, it is complicated by currency exchange factors. Second, differences in foreign rental practices require considerable extra detail, particularly the initial occupancy costs for items normally considered part of the house in the United States (kitchen cabinets, major appliances, etc.) and often require extremely high deposits. Finally, the allowance has three parts: the rental ceiling, the utility allowance, and the initial/terminal occupancy allowance. The OHA is the sum of those allowances, less the BAQ already authorized.

Unlike the VHA, which is calculated from median data, the OHA rental ceiling is calculated as the 80<sup>th</sup> percentile, by pay grade, of the rents actually being paid by the SM in an overseas community. The utility allowance is calculated by summing the previous year's utility bills. In addition, in the event of a radical change in costs during any year, installations may obtain interim adjustments to the utility allowance. The initial/terminal costs are computed in the same manner and prorated across the expected occupancy period in a monthly allowance. That process causes significant distress to the SM at the beginning of occupancy since the need is immediate and the reimbursement is deferred; DoD has an initiative under way to extract these costs from the OHA and pay them instead as a lump sum Move-In Housing Allowance (MIHA). To further complicate the OHA, SMs may draw allowances based on multiple-dwelling occupancy (if, for example, the family remained in the United States during the SM's overseas tour).

The key data are the same as for the VHA calculation.

#### **Housing Deficits**

It is the policy of Congress that whenever possible, military family housing will be found in the private market. In many cases, the private-sector housing is either too expensive, too far away, or qualitatively inadequate for SM needs and budgets. In such cases, appropriated funds may be used to acquire Government housing. Before submitting proposals for such housing, the installation must demonstrate that the combined assets of the installation and the community are less than the housing requirements of the assigned military families: that there is a housing "deficit." The calculation of this deficit depends on the assessment of the community's inventory of appropriate housing, a function performed by regulation through a survey of families currently living off base. In practice, the Army has stopped using the survey altogether, requiring a formal "segmented housing market analysis" to be performed; both the Navy and the Air Force have required that a housing market analysis be provided in conjunction with any housing construction request. However, the deficit calculation process does help to provide an assessment of the relative housing straits of DoD's many installations and provides a consistent (if controversial) method for setting priorities.

#### **MAJOR PARTICIPANTS**

In this report, we discuss Personnel, Finance, and Housing, the three major staff agencies that handle housing for the SM. (Throughout this appendix, when we refer to any of those three functions, we use lower case, as in a "personnel issue"; where we refer to an agency or office, we use initial capitals, as in a "Finance Office.") In addition, the Office of the Secretary of Defense Per Diem and Travel Allowances Committee – referred to as the Per Diem Committee – which is responsible for determining allowance rates, is a major participant in the data collection and analysis processes.

#### Personnel

Much of the data required for the actions above are available from the SM's personnel file. In addition to the obvious personal data, the Personnel Office determines dependency and maintains emergency data records that include addresses. However, the collection of data to feed Service-wide personnel databases is directed by higher authority and results in data that are not useful at the local level; thus, neither the SM nor the clerk has an incentive for accuracy or completeness.

Personnel has no automated interface with other systems. In the case of the Navy, the automated personnel system contains part of the required information; but the primary data sources are paper records. Thus, consolidation of data collection through the personnel system would require significant readjustment on the Navy's part.

In most Services, the personnel function is an installation-wide service activity. The Navy and Marine Corps have consolidated installation Personnel and Finance Offices for administrative and command purposes. A common computer system has been established so that data may be entered by the customer service clerks for verification and execution by the finance specialists; however, the main data files remain independent of each other (and, in the case of the Personnel files, depend on the paper master file). In the Air Force, the installation Personnel and Finance Offices are often housed in the same building for the convenience of the SM, but are separate activities. In the Army, the personnel function is operated at the unit level in a very decentralized manner; the Army's automated systems allow rapid transfer of information vertically through the personnel hierarchy, but there are no automated links to other systems.

#### Finance

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The finance function is installation-wide in every Service. Finance is the ultimate point to which allowance information flows: dependency data to substantiate claims for BAQ, VHA ceilings as DoD payment policy, and rent data to substantiate claims for VHA payment. The only housing data that Finance ignores is assessment of acceptability of SM housing, because the payments remain the same regardless of acceptability. Because of financial accountability requirements, Finance requires that all data be verified on the spot. This means that any data verified at another office must be presented again at Finance in order to be credited. Finance, unlike some of the other functions, can count on the SM to assist in keeping the system current, because if the required data are not presented, payments cease. In most communities housing allowances are several hundred dollars; so the SM will not allow the payment to be cut off unnecessarily.

All finance functions are on distributed data networks from the main Service Finance and Accounting Centers (FACs)<sup>1</sup>. In addition to ensuring standardization, this also makes it possible to draw all necessary finance data from just four points. In

<sup>&</sup>lt;sup>1</sup>Each Service has a slightly different name for its primary command for pay operations. We will use the generic term unless referring to a specific Service activity.

fact, the Defense Manpower Data Center (DMDC) already receives quarterly (soon to be monthly) extracts from the finance files of each Service, which are being used by the Per Diem Committee to calculate the OHA. Since all Services use finance programs compatible with the Joint Uniform Military Pay System (JUMPS), there is no problem with disparity in definitions or use of the data.

#### Housing

The Housing Office has two primary functions: as landlord of the on-base housing units and as a housing referral service. In different Services, Housing Office activities may also be responsible for unaccompanied personnel housing and for transient facilities, but those functions are not critical to this study.

The Housing Office must maintain housing applications, waiting lists for Government housing, data on the current occupants of Government housing, and vacancy lists for community housing. Families living in private housing must be tracked in the event of sudden large-scale vacancies in on-base housing, requiring the forced return of those families to on-base units. The Housing Office also prepares the Government housing inventory that contributes to housing deficit calculations.

Housing Referral Office (HRO) counselors brief arriving families about the locations, prices, commuting times and patterns, facilities, and other facts on community housing near the installation. Many installations have automated real estate listings, but those databases do not contain military family occupancy information.

Regardless of the organizational structure of the Housing Offices, in each Service they remain either independent or isolated from other data sources. In the Air Force, housing data can be accessed by the base engineer for construction and maintenance management purposes. Access to or by other sources has been planned for within existing software, but the modules have not yet been fielded. In the Army and Marine Corps, a network of computers has been established, and standard summarized reports are submitted up through levels of command by mailing the data disks. In addition, installation-level Marine Corps housing computer systems can communicate with the installation-level finance system to execute BAQ start and stop orders.

#### Per Diem Committee

The Per Diem Committee is a small staff section at OSD level. Among other roles, it is responsible for the integrity and accuracy of the VHA data, and for data analysis and calculations required to produce the VHA and OHA rates. At present, the Per Diem Committee monitors the contractor who distributes and follows up on the completion of the VHA survey and converts the survey into automated data files. The contractor delivers the VHA survey data tape to DMDC, which maintains the tape on a mainframe computer and uses the Per Diem Committee's calculation algorithms to determine VHA rates.

The OHA data are delivered to the Per Diem Committee in two parts. Generic finance data is delivered by DMDC's extract process. Additional factors, contributing to the determination of local rates (especially MIHA data) are submitted by the installations directly to be transformed by the committee staff into Lotus 1-2-3<sup>TM</sup> spreadsheets. The spreadsheet summaries are collapsed into factors which are consolidated with the DMDC finance data to produce the OHA rates.

#### **CUSTOMER SERVICE ACTION FLOW**

In each of the Services, the actual flow of housing activity differs slightly because of different organizational match ups between the troop units and the personnel, finance, and housing functions. But the general processes and procedures are quite similar.

The SM interacts with the installation support offices in a predictable pattern for each tour of duty. There is concentrated activity when the SM arrives at a new installation, intermittent activity during the tour of duty, and a closeout process when the SM departs for the next assignment. These offices also create programs such as audits or file maintenance to which the SM must contribute.

#### Installation In-Processing

When SMs first arrive at new installations, many procedures are required to ensure that they are duly recorded in the many administrative systems common to large organizations. As part of their initial assignment orders, they are detailed to a specific unit or activity, to which they report on arrival. Thereafter, the time, location, and activities of the SMs are under the administrative control of their units.

#### **Unit Controls**

The unit provides processing guidance, makes appointments, and monitors the progress of the SM through indoctrination. Such help creates an overhead burden of time and paperwork for the unit. As an example from the Army, to meet a routine appointment at the installation Finance Office, the SM must have the consent or direction of his unit's leadership and a complete set of forms:

- Installation checklists and associated instructions for in- or out-processing, if appropriate
- DA 4187, Request for Action to indicate the general subject matter of the request and the commander's concurrence that the proposed action is acceptable
- DA 2142, Pay Inquiry to specify the problem
- Appropriate JUMPS forms with which to correct the problem
- Depending on the issue, transaction forms from intervening headquarters staffs or consolidated service centers
- Specific appointment slip when required.

In short, there is a considerable effort just to get the SM out of the unit on the way to the various service agency offices.

#### Personnel In-Processing

Protocol often requires that the unit make the appointment for the SM to visit Personnel. Once there, in addition to a large number of other personnel file update procedures, the SM will produce necessary birth certificates, marriage records, and legal documents to verify the existence of eligible dependents both at the duty station and elsewhere. These verifications will allow the SM to receive the appropriate allowances at with-dependent rates and confirm eligibility for accompanied housing. The marriage and birth certificates are the data elements for which the Service does not maintain the original documents. Because frequency the required documents are not available to the SM at the time, another appointment may have to be made to verify this information.

#### Housing In-Processing

On arrival at the installation, most single SMs would be assigned to live in unaccompanied quarters and would not participate any further in the data collection and survey process. Most SMs, however, would begin in temporary quarters, either in the installation transient facilities or in private lodging.

Again, the unit often makes the appointment to enable the SM to visit the Housing Office. The SM fills out the DD Form 1746, Application for Assignment to Family Housing (unless, in the Air Force's case, that form has been submitted from the previous duty station). The Housing Office verifies dependency data, using personnel data reflected on the assignment orders and from the original records of any new dependents and either assigns Government housing or declares such housing to be unavailable.

While SMs are in transit from one location to another, the Government does not provide quarters. Thus, all transferring SMs draw BAQ. They do not, of course, draw VHA because they have no established residence. If the Housing Office is unable to assign quarters, the BAQ continues and the SM becomes eligible for VHA depending on the duty location. A statement of nonavailability of quarters is seldom issued. Both Housing and Finance Offices in most Services rely on a semiannual audit to detect any SM who might consider trying to draw an unauthorized BAQ or VHA payment while assigned to Government housing. If, on the other hand, quarters are available, the Housing Office prepares a BAQ stop order, indicating the quarters assignment data; that order is transmitted to the Finance Office for execution. If the quarters assigned are rated as substandard, the BAQ may be partially stopped, using the same form.

If the SM is not assigned to quarters, the SM's name is placed on a waiting list for quarters and the HRO component of the Housing Office takes over. The HRO maintains rental and sales listings, generally provided by local realtors, and has institutional knowledge about community costs, facilities, and amenities. The HRO has a good idea of the SM's preferences based on the information provided in the application for quarters; however, equal opportunity laws prohibit the HRO from recommending, or commenting on, the economic composition or desirability of neighborhoods unless specific housing areas have been placed off-limits for discriminatory practices. Finally, the HRO provides the SM with a data card (DD 1670, Notification of Housing Selection, used by the Army, or similar form in other Services) to be returned to the Housing Office when a permanent home has been selected.

#### Finance In-Processing

The unit makes provision for the SM to go to the Finance Office (in the Navy, the SM returns to the Customer Service section of the joint finance-personnel activity). Among other in-processing actions, those SMs unable to receive Government housing fill out a request to start VHA payments (except at a small number of installations where no VHA is authorized). Once again, the dependents are verified through a check of the original documentation of birth, marriage, etc. Since the SM has no permanent residence established at this point, the Finance Office starts the VHA at the ceiling. The SM must then return within 60 days to present the lease or purchase agreement for a precise calculation of the VHA and any required offset, or the SM risks termination of the allowance.

The finance clerks record the appropriate data; the transaction is then set aside for batch processing. In each Service, the SM fills out a form, then the data are transcribed from the form to a computer terminal where they are held. At the end of the day, transactions are reviewed for accuracy and completeness and then are submitted electronically to the master computer systems at the Service FACs for final processing to finance records. Each of these processes requires administrative overhead actions, such as logging the arrival and departure of customers, logging transaction activities, terminal input time, data transmission time and costs, checking of regulations for allowability of costs, etc. In addition, there is a supervisory overhead cost.

Once the transaction has been accepted into the master computer, there is a transaction verification procedure. The paper copy of the request for the allowance is filed in the SM's local records and copies are forwarded to the Service FAC for short-term storage to support the audit function. After a period of weeks, the documents are forwarded for archive storage, either in microfiche or paper form depending on the Service. This audit trail is not inexpensive; it includes shipping, handling and storage costs, microfiching and disposal costs, and an overhead for each step. Certain special cases must be forwarded on paper. These usually involve a centralized determination of dependent status in unusual cases.

#### Mid-Tour Processing

The SM will need to retrace the steps above, at least in part, on several occasions during the tour of duty. First, during the 60-day window (or approved extensions), a permanent home must be found off base. Then, annually, the housing data and costs must be verified at the Finance Office in order for VHA payments to continue. In the event of assignment to Government quarters, the SM reports to the Housing Office for a series of actions, last of which is the termination of the allowances by the Finance Office. On occasion, changes in the SM's circumstances will require adjustment of the allowances. In addition to these requirements, the SM must keep the Personnel Office advised of any changes of address at each point in the process, a step that is frequently ignored.

#### Permanent Off-Base Quarters

The SM's unit makes an appointment at Finance for the SM. To validate the qualifying costs for the VHA, the SM collects the necessary documentation: always the lease or mortgage and possibly initial costs. (In overseas areas, the SM goes to Housing to get the lease approved, without which the OHA is not supposed to be paid.) Then, the SM goes to Finance where the documents are reviewed for adequacy and the entitlement is calculated. Then, the automated pay transactions are initiated, local files are updated, and the data are forwarded up the chain, both electronically and on paper. The cycle of central automated processing, paper file processing, file maintenance, and storage begins.

In addition, the SM should report data to the Housing Office; in the Army and Marine Corps, those data go into local databases. In practice, since the SM has no incentive to provide this information, the response rate is extremely low.

#### **Quarters Assignments**

Some SMs are eventually offered Government housing. Upon initial inprocessing, the SM is placed on a waiting list that is maintained by the Housing Office. Those at the top of the list are notified as vacancies occur. If they accept quarters rather than remain off base, their unit must again make time available for an appointment. In addition to the many steps required to process an SM into quarters, the Houcing Office stops the BAQ and VHA using a Service form which is sent directly to the Finance Office.

The Finance Office processes this form, initiates automated pay transactions, files copies of the paper records, and forwards the record copies.

If the SM asks to be removed from the Government housing waiting list, the Housing Office does so. Conversely, the waiting lists often accumulate names of families who long since have moved into off-base housing and have no intent to reside in Government housing.

#### Annual VHAIOHA Recertification

The procedures for recertification vary with each Service, chiefly in the way that the certifications are sequenced. The Navy does them all in the same period, the Army does them by birth month, and the Air Force does them based on the Social Security Number.

In each case, however, a listing of those who must recertify is compiled, either by the installation Finance Office or by a Service FAC, based on a personnelgenerated list of who is assigned to each installation and a finance-generated list of who is drawing VHA. The SM is notified to appear for processing or face cutoff of the allowance.

The SM collects the necessary paperwork and once again the unit makes an appointment at the Finance Office where the SM fills out the Service's VHA recertification form. The documentation is reviewed and the OHA, or the VHA rate and offset, are computed. More documentation is required for OHA recertification because the utility costs, unavailable before a move into a house, must be substantiated with a year's receipts. As before, once the documentation is deemed adequate, transaction processing and document filing and forwarding continue as before.

#### Periodic BAQ Recertification

In addition to the annual VHA recertification, SMs are required to recertify their BAQ status at intervals. In the Army, this is supposed to happen annually; in practice it happens as prescribed in the other Services, which is during installation in- or out-processing or as a result of a change in status submitted by the SM. A certification may also occur when the Finance and Housing Offices crosscheck to prevent SMs drawing BAQ while occupying Government quarters, or when unit commanders verify certification lists generated by the finance system.

BAQ verification simply confirms that the SM has dependents and resides on the economy; the SM must therefore provide the birth and marriage documents to substantiate dependents. In practice, the process has become one of exception reporting, in which existing dependents are presumed to be accounted for unless the SM or a finance transaction indicates otherwise.

#### **Incidental Changes**

Occasionally during a tour of duty, incidental changes will occur that require the SM to receive an allowance change. A marriage, divorce, new child, or child coming of age may cause a change in dependent status. Changes of residence may change rent payments which affect the net allowance due. Since the Service systems cannot predict such events, the SM will need to request an appointment through the unit. The revised information is verified and recorded by the appropriate Personnel, Finance, or Housing Offices, and appropriate transactions are initiated.

#### Installation Out-Processing

Once the SM receives reassignment requiring a change of duty station, all these housing allowance transactions must be undone. The unit makes time available and sets up or authorizes the necessary appointments and issues the installation checklist and instructions.

For those living in Government quarters, a lengthy housing out-processing procedure is required to ensure cleanliness of the quarters on departure. Upon successful completion of the housing inspection, the Housing Office fills out the Service form directing the Finance Office to restart the BAQ allowance. In the Marine Corps, this can be done electronically by the housing inspector, who issues the form to the SM at the quarters rather than requiring a visit to the Finance Office with the completed form; in other Services, the SM generally chooses to hand carry the form to ensure that it is processed rather than risking the uncertainty of military mail distribution systems.

Those living off base have no real reason to visit the Housing Office, except to obtain housing information about the next assignment location, because they already

draw BAQ and the VHA will be stopped when they process out of Finance. The HRO often desires to see these SMs in any case in order to identify suitable off-base housing units being vacated.

#### **DoD ADMINISTRATIVE DATA FLOW**

In addition to the customer service functions performed by the installation Personnel, Finance, and Housing Offices, they must collect a range of data to support DoD-wide analysis. The most significant such activities for the purposes of this study are the housing surveys used to determine where to apply housing acquisition funds, and the VHA/OHA surveys used to establish the maximum allowance rates for each installation.

#### **Annual Housing Surveys**

In order to identify housing shortages at each installation, all the Services except the Army participate in the housing survey process variously known as the 1376 survey (after the data form), the 1378 survey (after the output report), or the [housing] deficit survey (after the real purpose).

The rules and instructions for administering the survey, distributed each year, identify mandatory survey installations and minimum sample sizes. In addition to those mandatory installations, others may volunteer for a survey to demonstrate the extent of their local housing deficit. The instructions are published and distributed to each installation. In addition to data from installations, there is a significant requirement for data from other sources, such as multiyear force level projections.

The installation Housing Office produces an inventory of the Government housing assets. The Personnel Office produces a personnel printout, from which the Housing Office selects survey respondents in accordance with OSD-established rules. The Housing Office usually distributes the surveys through the chain of command, which then passes them on to the individual SM; some Housing Offices, particularly on smaller installations where the entire population must be surveyed, mail the surveys directly to the individuals using address lists from Personnel.

Once the survey has been received by the individual SM, it is completed and returned by the same route. The Housing Office receives the surveys and reviews them for completeness and content. Those that are incorrect and cannot be corrected on the spot should be sent back for correction. On our installation visits, we were consistently told that time is not available for such corrections. OSD requires that every house that is rated as unacceptable must be verified by a Housing Office staff visit; as a matter of practice, the Housing Offices are seldom able to do this. When it does happen, those residences rated unacceptable by the SM but in fact found to meet DoD minimum standards are rescored as acceptable.

The survey data sheets are then mailed to the Navy's Facility Support Office (FACSO) at Port Hueneme, CA, where they are coded, entered into a computer, and analyzed. The resulting summary reports are forwarded to the installation Housing Offices for comment, and any major inconsistencies are removed. The installation does not, however, receive detailed information or the raw data records. If the installation has no plans for a family housing project requiring appropriated funds, there is no further interaction until the following year. If the installation has plans, a market analysis is made and the survey output (Form 1378) is attached as a required part of the acquisition project submission.

#### **Housing Market Analyses**

The housing market analyses<sup>2</sup> (HMAs) differ from case to case because almost all of them performed under contract by small, independent real estate consultant companies. The general outline of a well-done HMA remains consistent. If a military construction housing project is requested by an installation, the HMA is required to validate the shortage of community housing indicated by the housing survey process. The HMA must, therefore, at least replicate the housing survey information. The HMA process either verifies the housing survey deficit or rejects the housing survey results.

### **Annual VHA Surveys**

The annual VHA survey requires a strict methodological approach to meet the accuracy standards required to extend its findings to the entire military population on such a sensitive issue as pay. The price of that need for accuracy is a complex administrative procedure that places a significant burden on the chain of command.

The Service FACs produce an automated list of all SMs receiving the BAQ allowance. Those rosters are delivered to a central processing point, until now one manned by a contractor who provided all administrative support to prepare,

<sup>&</sup>lt;sup>2</sup>The specific term for this market analysis differs in each Military Service.

distribute, and collect the survey data. In the past, the Per Diem Committee selected respondents at random; beginning with FY91, the survey has become a census and central processing procedures may change. The chain of command follows detailed instructions as it administers the survey.

Each installation then receives a kit consisting of blank survey response forms, rosters of designated respondents, and a postcard that the installation mails back to indicate receipt of the survey materials. The contractor tracks the returning postcards, records the data, and follows up on missing responses.

Once the materials are received, the installation staff provides them to subordinate units, along with due dates for survey completion. The units must then find a time and place to administer the surveys to the SMs, and assist as needed to complete them. In the past, some units have allowed the forms to be filled out on a take-home basis, but that approach often produced a low response rate. Once the survey forms are completed, they are gathered and matched against the rosters. The survey administrator checks each survey to see that it is properly completed and has corrections made on the spot. The surveys and rosters are then returned to the collection points from which they are returned to the contractor who optically scans them into a database. The contractor makes some initial quality control checks to eliminate unusable records. The resulting database is delivered on magnetic tapes to the DMDC, where it is maintained for access by the Per Diem Committee staff.

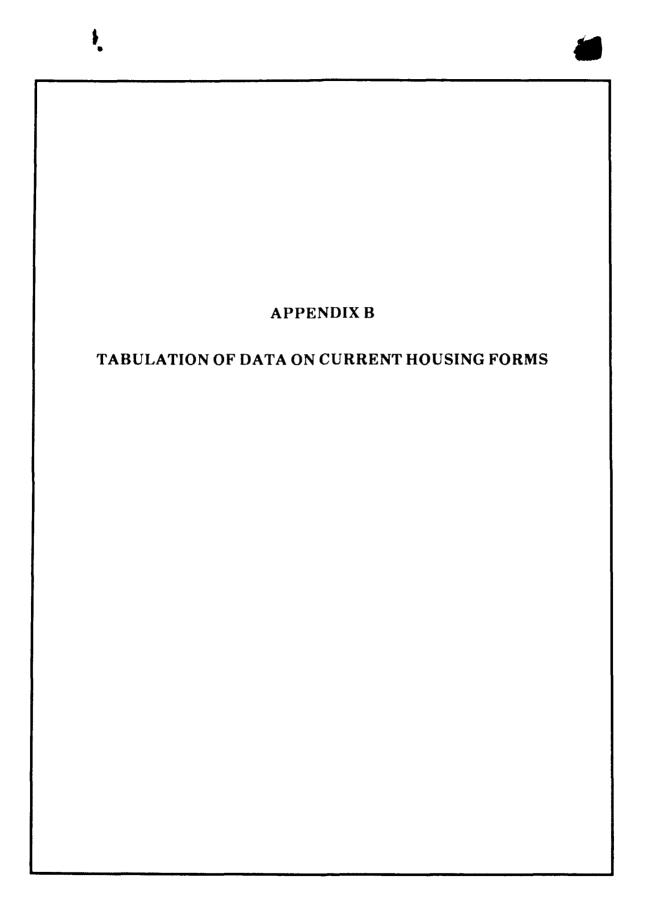
In addition to elaborate procedures to protect the accuracy and reliability of the data, a 1 percent follow-up survey is made to check on the main survey. One percent of the records submitted by renters are selected for verification. Letters with a single-page mark-sense form and rosters of designated respondents are mailed through the chain of command. The SM reenters the total rent figure and has it verified by the unit commander. The forms are then returned for comparison with the originals to determine the degree to which surveys are being filled out with erroneous data.

The data are then subjected to a complex analytical process to determine the VHA rates for each pay grade and dependency status at each installation. Although the basic concept is to establish the median rent at each location by pay grade, a relatively simple task, the algorithms are much more complicated. Homeowners are included in the calculation by using an "imputed rent" which is based on the number

of bedrooms and the type of house owned to which is assigned the average monthly rate paid by renters with similar housing in that zip code. This weights the median with homeowners without putting the DoD in the position of subsidizing the higher costs incurred by homeowners who decided to invest rather than rent. In addition, zip codes are examined to see which installations they support. Finally, zip codes are analyzed to see whether there is a sufficient density of respondents or whether they must be pooled with similar low-density zip codes to determine allowance ceilings. Inherent to all these processes is the assumption that the data should be consistent; a mix of old and new data would produce very misleading results for the Per Diem Committee.

Once the analysis is completed, a set of recommended VHA rates is developed and the total cost to the DoD of paying those allowances is estimated. At this point the analysis becomes subjective as DoD and Congress determine how much will actually be appropriated for VHA funding. In past years the funding authorized has not often met the need. As a result, the VHA rates had to be adjusted. When the rates are decided, the Per Diem Committee publishes the approved rates for the following fiscal year. The Service FACs must then enter the new rates into their computer systems in time for the change to take effect for the new year.

This last set of steps is important to the form-consolidation process because it places a time frame around the data. Because the Per Diem Committee must formulate its estimates in order to meet the budget negotiation schedule, it must collect the data in the second quarter of each fiscal year. The data collected in FY90 are used in the budget negotiations for FY92 spending. By the time the allowances are paid in the last quarter of FY92, the data on which that allowance is based will be over 2 years old. That fact was the primary reason for making an annual survey instead of the previous biennial survey. In some cases, SMs were receiving allowances based on 3-year old data while housing costs had increased more than the national inflation rate. Any alternative process proposed must take into account the fact that the Per Diem Committee needs relatively fresh rent data to set the VHA.



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TABLE 8-1

## TABULATION OF DATA ON CURRENT HOUSI

(Sheet 1 of 3)

Data element	LMI Form	Per Diem Committee Survey	DD 1376 Hsg Survey	DD 376 OHA Survey	DD 2367 OHA Certification	DD 114 Pay Order	DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	Var VHJ
Sponsor Data									
Service	×	Incl. USCG, PHS. NOAA		×					
Component	x								
Military- or civilian									1
Name	×	n	x	×	×	×	×	×	
Pay grade	x	x	×	×	×	×	×	×	
SSN	×	×	×	x	×	×	×	X	
Duty organization			×	×	×	×	×		
Duty address			1	×	×	×	×	×	
Duty zip code	x	x			×	×	x	x	
Duty phone			×		×		×	×	
BAQ type	x	w/dep, w/c, partiał							
Attache duty				×					
Time on station				×					
Tour length				×					
Previous address phone									
Date of rank							1		1
Time in Service							İ		1
Time left on active duty									
Arrival date									
Sponsor Residence									
Residence overseas		×							
Residence zip code	x	×	x		×		×	×	
Residence city country	×		x	¥	×		x	×	
Residence street			x		×		×	x	
Rentai guarantee project #	-			×					
Landlord name				×					
Landlord address									
Landlord telephone							Į I		l
Household Data									
SM has dependents	,							×	1
Dependents reside with SM Claim basis (# locations)	×								1
Claim basis (# locations) Marital status	×	×	×				×	x	ł
Dependent name		^	*						1
Dependent address	×						×	x	
Dependent landlord data									1
Dependent relationship									
Dependent SSN									

Note. The code "n" means that the information is "noted" on the form for reference or as part of a worksheet but is not "collected" for use by the form's controlling agency

## F DATA ON CURRENT HOUSING FORMS

(Sheet 1 of 3)

a DA 5545 n + A Certification Army	DA 0-1 All-purpose Army	Various Number VHA Certification Navy	7200 Start VHA USMC	AF 594 (old) Start/stop USAF	AF3502 VHA USAF	AF 534 (new) BAQ: and Dependency USAF	AF 987 USAF	DD 1746 Housing Application	DD 1670 Housing Found Army only
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								×	
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#### TABULATION OF DATA ON CURRENT HOUSING FO

(Sheet 2 of 3)

Data element	LMIForm	Per Diem Committee Survey	DD 1376 Hsg Survey	DD 376 OHA Survey	DD 2367 OHA Certification	DD 114 Pay Order	DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	ИНА
Household Data (Continued)									
Dependent child DOB	×		Age		1		}		
Dependent gender	×		×						
Dependent certification date							[ .		ł
Spouse dependent here		Y/N	Now/later	•				x	
Geographic bachelor			×					x	
Dependents elsewhere				*					
Dependents overseas		×							l
Other dependents COLA	×	]			×				
Sharers	×	⁰τ of cost		# people	# by category		# by category	# by category	
Sharer start date					, , ,				
Share cost %		×					1		
Spouse or Sharer name							SM spouse	SM spouse	5
Spouse or Sharing SM SSN	×				×		x	x	1
Spouse or Sharing SM service					×		×	x	
Spouse duty station							ļ		ł
Marriage date					1 1				1
Custody-child support data									
House Data					1				1
Permanent home for tour								×	
Government house, type	×	×			1 (				
Prefer on/off base			×						
Quarters number	×								
House type	×	¥	×	×				×	
Bedrooms	x	×	×	x				¥	
Baths	×			x					
Furnished				x					
Commute time	x	×	×					x	
Commute distance			×						
Acceptable	x		Check why not					Check why not	1
Mobile home			x		1				
Housing office reversal			x		) î				
Rent/own/no fee	×	x	x	×	×		1		
Rentals unavailable			×		1 1		Į		
Time in residence		x		×	Move-in date		Move-in date	Move-in date	Mc
Dependent time in residence							Move-in date	Move-in date	Mi
Lease expire date					l		1		{
Discrimination								x	

Note: The code "n" means that the information is "noted" on the form for reference or a part of a wursheet but is not "collected" for use by the form's controlling agency.

## ATA ON CURRENT HOUSING FORMS (Continued)

(Sheet 2 of 3)

**;** (

	DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	Var #s VHA Certification Navy	7200 Start VHA USMC	AF 594 Start stop USAF	AF 3502 VHA USAF	AF 594 (new) BAQ and Dependency USAF	AF 987 USAF	DD 1746 Housing Application	DD 1670 Housing Found Army only
					x		×	x	×	
		-				1			×	
		×						Number that are command sponsored	x	
		×						sponsored	x	
	:								×	
	# by category	# by category	# by category	#, detail	*	# by category		# by category		
	SM spouse	SM spouse	SM spouse	Sep form	×	×	×	x		
	×	×	X X	Sep form Sep form	x	×	×	×		
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									×	×
	Move-in date	Move-in date	Move-in date	Move-in date						
	Move-in date	Move-in date	Move-in date	Move-in date						
					×					
		×								×

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B-5

#### TABULATION OF DATA ON CURRENT HOUSING FOF

(Sheet 3 of 3)

Data element	LMI Form	Per Diem Committee Survey	DD 1376 Hsg Survey	DD 376 OHA Survey	DD 2367 OHA Certification	DD 114 Pay Order	DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	VHA
Cost Data									
Currency	×			×	×		i (	x	
Rent frequency	ļ	r	1						
Total payment	) ×		x		×				1
Rent only amount	1		n .	×		SM & deps	SM & deps	SM & deps	S1
Finder fee amount	1	•			} 1				1
Purchase price					×				
Owner PiTI	1	{ .	n .		1		Broken out	Broken out	37
Deps PITI							Broken out	Broken cirt	- Rir
Utilities in rent				Note required	×			ाज & dens	1
Utility monthly		T	n .		l i		( 1	SM & deps	1
Electric		<u>^</u>		×	×			Y/N	
Gas		^		×	HeatAC			HeatAC	
Oil	1	_		×	Heat AC		1	HeatAC	1
Wood coal			]	× 1					1
Water sewer				×				Y 'N	
Trash		_		× 1			SM & deps	Y N	52
Maintenance monthly	l	l ,	0	l x	{			SM & deps	1
Condo fee	]	( x						SM & deps	
HOA fee		x						SM & deps	
Insurance	<b>1</b>	x x	n		{ }		SM & deps	SM & deps	S.N.
Initial expenses	×			×	1			sin dideps	1 7
Terminal expenses	×								
Taxes	Î Î	ł		Î Î					
Mobile home lot fee	1			, î					
Has rent changed		]							1
Control Data	]								
Reviewer	× 1			×	×	×		×	
Finance action			ļ		×	×	×	x	}
Commander			1		· ·	<b>`</b>	x	•	
BAQ		1						D	
5A-1							-	n n	
VHA cap				1	i l		1 1	n	1
Offset	1		]		1 1			0	[
Effective date	×		1		×	x	×	×	1
Reason for change	X	{	{	Į.	( ^ (	Â	l î l	,	۱.
SM certification	Î							×	
Total	30	35	29	35	28	10	26	49	†

Note: The code "in" means that the information is "noted" on the form for reference or as part of a worksheet but is not "collected" for use by the form's controlling agency

# ON CURRENT HOUSING FORMS (Continued)

(Sheet 3 of 3)

DA 5545 HA Certification Army	DA 0-1 All-purpose Army	Var #s VHA Certification Navy	7200 Start VHA USMC	AF 594 Start/stop USAF	AF 3502 VHA USAF	AF 594 (new) BAQ and Dependency USAF	AF 987 USAF	DD 1746 Housing Application	DD 1670 Housing Faund Army only
	- X			x			x		
SM & deps	SM & deps	SM: & deps		x	SM and deps		SM & deps	×	×
aröken out	Broken out	Broken out	Broken out		SM and geps		×	×	[
Broken out	Broken out	Broken out	Broken out				}		
	SM & deps		×	×			ОНА		
	SM & deps	n							
j j	Y/N	j j					Y/N, OHA		]
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							ОНА		
	HeatAC						Y'N, OHA		
	¥ N						YN OHA		
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	SM & deps								
Ì	SM & deps								
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26	49	32	25	33	30	22	39	38	

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## APPENDIX B GLOSSARY

AF	=	Air Force
BAQ	=	Basic Allowance for Quarters
COLA	=	Cost of Living Allowance
DA	=	Department of the Army (form prefix)
DD	=	Department of Defense (form prefix)
DMDC	=	Defense Manpower Data Center
DOB	=	Date of Birth
FACSO	=	Facilities Support Office (Navy)
FAC	=	Finance and Accounting Centers
FSA	=	Family Separation Allowance
HOA	=	Home Owner Activity (fee)
HOMES	=	Housing Operations Management System (Army)
HRO	=	Housing Referral Office
JUMPS	=	Joint Uniform Military Pay System
MIHA	=	Move-In Housing Allowance
NOAA	=	National Oceangraphic and Atmospheric Agency
OHA	=	Overseas Housing Allowance
OSD	=	Office of the Secretary of Defense
PHS	=	Public Health Service
PITI	=	Principal, Interest, Taxes and Insurance
RPHA	=	Rent Plus Housing Allowance
SM	=	Service Member
SSN	=	Social Security Number

USAF	=	United States Air Force
USCG	=	United States Coast Guard
USMC	=	United States Marine Corps
VHA	=	Variable Housing Allowance

## **APPENDIX C**

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## **DoD HOUSING DATA COLLECTION FORMS IN USE**

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## LIST OF FORMS

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Form Number	Title
(No number)	Per Diem Committee Variable Housing Allowance Survey with Follow-up VHA Verification Survey
DD 1376	Family Housing Questionnaire
DD 376	Housing Cost Data Sheet (Overseas Housing Allowance)
DD 2376	Individual Overseas Housing Allowance (OHA Certification)
DD 114	Military Pay Order
DA 5545	(Legible copy unavailable)
DA 0-1	Housing Allowance Document and Certificate (All- purpose Army)
(No number)	VHA Certificate, (Navy)
MC 7200	(Legible copy unavailable)
AF 594 (old version)	Authorization to Start, Stop, or Change BAQ Rent Plus, and/or VHA
AF (No number- proposed to be 3502)	Authorization to Start, Stop or Change VHA VHA
AF 594 (New number-proposed as 534)	Application and Authorization to Start, Stop, or Change BAQ or Dependency Redetermination
AF 987	Recertification for BAQ, VHA, OHA, COLA and FSA
DD 1746	Application for Assignment to Housing
DD 1670	Notification of Housing Selection

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#### THE OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-4000

FORCE MANAGEMENT AND PERSONNEL

32

239

2 MAR 90

SUBJECT: Spring 1990 Variable Housing Allowance (VHA) Survey

TO: Survey Participant

You have been selected to participate in this year's housing cost survey. The information you give will help establish Variable Housing Allowance (VHA) rates for your area. The VHA is based on the typical costs incurred by Service members living in each area in the United States (including Alaska and Hawaii) who live off post or base and receive a Basic Allowance for Quarters (BAQ). The VHA payments are to help defray housing costs. The VHA is also paid to Service members assigned (PCS) overseas whose families reside in the United States (including Alaska and Hawaii).

It is important that you provide accurate figures on this VHA Data Collection Form. We ask that you take this form home and use your records and receipts to help fill in the amounts you actually spend. If you own a home, your response will help us identify the characteristics of your house for determining its rental equivalent. The importance of our having accurate information may require that your responses be verified by a government audit agency. Please keep any records and receipts you used in determining your responses for at least 12 months after completing the form.

The VHA is a valuable entitlement for men and women of the Uniformed Services. The time and effort you spend to fill out your form accurately will enable us to set fair VHA rates and maintain the integrity and credibility of the program. Please return your completed survey form to your administrator promptly.

> Donald W. Jones Donald W. Jones Lieutenant General, USA Deputy Assistant Secretary (Military Manpower & Personnel Policy)

## Variable Housing Allowance Data Collection Form

- 1 -



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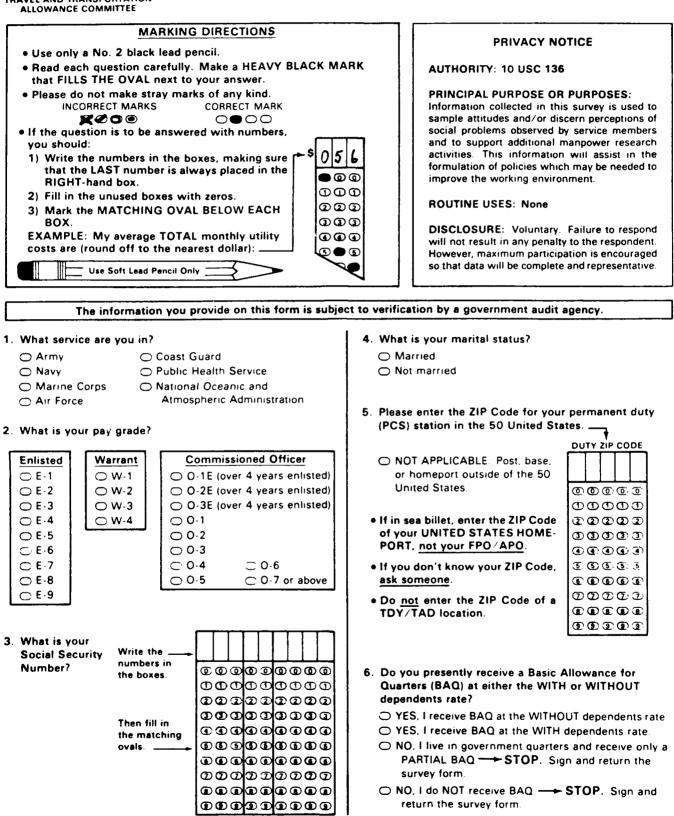
ن**ے** 

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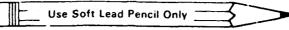
## Variable Housing Allowance Data Collection Form

DO NOT STAPLE OR FOLD THIS FORM \* \*

TRAVEL AND TRANSPORTATION ALLOWANCE COMMITTEE



- 2 -



- 7. Mark the location of your residence at your permanent duty station.
  - O Within the 50 United States
  - O Outside the 50 United States Do your dependents
    - also live outside the 50 United States?

$\sim$	140
0	Yes

#### NOTE

- If you live OUTSIDE the 50 United States and are NOT MARRIED, STOP. Sign and return the survey form
- If you receive BAQ at the WITH DEPENDENTS rate and both you and your dependents are living OUTSIDE the 50 United States, STOP. Sign and return the survey form.
- 8. Enter your RESIDENCE ZIP CODE at right. THIS RESIDENCE ZIP CODE IS CRITICAL .

IMPORTANT

If you are MARRIED and maintain SEPARATE RESIDENCE for your

spouse/dependents, enter your

SPOUSE/DEPENDENTS' ZIP Code.

IN THE FOLLOWING QUESTIONS. "RESIDENCE" REFERS TO THE

**RESIDENCE WHOSE ZIP CODE** 

YOU ENTERED IN QUESTION 8.

	ZIP CODE						
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RECIDENCE

9. Is the "residence" government-owned or -leased housing?

○ Yes → STOP. Sign and return the survey form 

- 10. Do your spouse and/or dependents live in the "residence?"
  - O Does not apply. I have no spouse or dependents
  - Yes
  - O No
- 11. If you share housing costs with non-family members, what portion of the monthly housing costs for the "residence" are you paying?
  - O Does not apply, I my family pay all costs (100%).
  - None → STOP. Sign and return the survey form
  - O 1% to 9%
  - 10% to 19%
  - O 20% to 29%
  - O 30% to 39%
  - 40% to 49%
  - 50% to 59%
  - 60% to 69%
  - 70% to 79%
  - 80% to 89%
  - O 90% to 99%

- 12. What type of housing is the "residence?"
  - O Single-family, detached home
  - O Semi-detached (row/townhouse/duplex)
  - O Apartment (owned or rented)
  - O Mobile home
  - O Other (e.g., private vessel)
- 13. How many bedrooms are there in the "residence?" (Count any room that is used, or could be used. as a bedroom.)
  - $\bigcirc$  1 or efficiency Ο3 ○ 5 or more O 2  $\bigcirc 4$
- 14. How long does it take you to get from the "residence" to your place of duty (commuting time) on a typical day?
  - O Does not apply
- $\bigcirc$  31 to 60 minutes
- 61 minutes or more O 30 minutes or less
- 15. Do you RENT or OWN the "residence?"
  - O Neither: live in government-owned or -leased
  - O Neither; live with friends/relatives and PAY NO
  - O Neither: live in other accommodations ---- STOP. Sign and return survey form.
  - O RENT
  - OOWN

How long have you RENTED or OWNED the "residence?"

- 3 months or less ○ 37 to 48 months
- $\bigcirc$  4 to 6 months
- 7 to 12 months
- $\bigcirc$  13 to 24 months ○ 11 to 20 years
- $\bigcirc$  25 to 36 months ○ 21 or more years

If "RENT," continue with Question 17.

If "OWN," go to Question 21.

#### FOR RENTERS ONLY

17. How often are rent payments for the "residence" due?

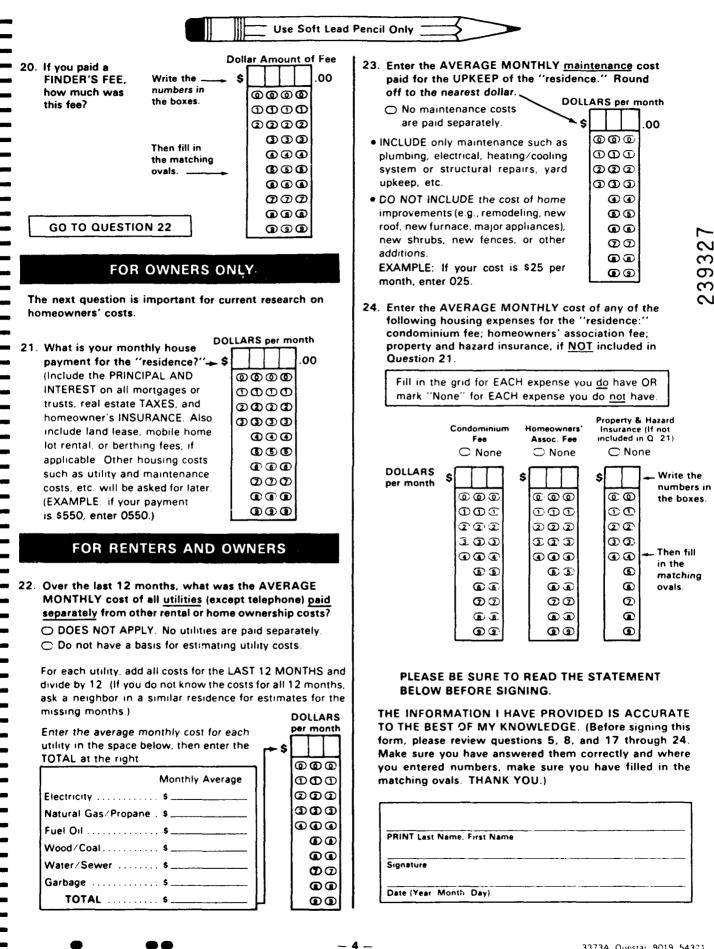
O Monthly ○ Every two weeks ○ ○ Other O Twice a month ⊖ Weekly

- 18. How much total RENT is paid for the "residence" PER PERIOD \_ .00 specified in Question 177 (For 0000 example: if it is \$245, enter 0245.  $\mathbf{D}\mathbf{D}\mathbf{D}\mathbf{D}\mathbf{D}$ Include RENT only Other housing 0000 costs will be asked for later.)  $\mathbf{O} \mathbf{O} \mathbf{O}$  $\odot \odot \odot$ 19. When you first rented the "residence," 000 did you pay a FINDER'S FEE to an
  - DO NOT INCLUDE SECURITY DEPOSITS. O Yes

agent in order to obtain the "residence?"

○ No ---- GO TO QUESTION 22

○ 49 to 59 months  $\bigcirc$  5 to 10 years **DOLLARS** per period  $\odot \odot \odot$ 000 



**1990 VHA VERIFICATION SURVEY** 

RCS# FDD-FM&P(A)1576

Weekly

Other

#### **GERALD D MASTERS** DQKAAA 226-06-5711 HHC 6TH CBT AVN BDE 6TH I FT WAINWRIGHT AK 99703

Proper Mark USE A NO.2 PENCIL

2. At the time you filled out your Spring 1990 VHA Survey, how often were rent payments for the residence due?

3. At the time you filled out your Spring 1990 VHA Survey,

how much total RENT was paid for this residence PER PERIOD specified in Question 2? Enter the RENT

in the grid below. For example, if it is \$245, enter 0245.

**DOLLARS per Period** 

**QUESTIONS FOR MEMBER** 

Please mark one.

Monthly

Include RENT ONLY.

Twice a month Every two weeks

\$

0

1

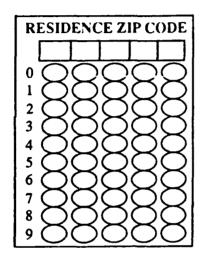
2 3

4 5

6

7 8

1. What is the RESIDENCE ZIP CODE of the residence you reported on when you filled out your Spring 1990 VHA Survey?



IMPORTANT

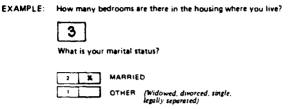
Documentation is required for Questions 2 and 3. In the following guestions, "RESIDENCE" refers to the residence zip code you entered in Question 1.

The information I have provided for this verification is, to s	the best of my knowledge, accurate.
QUESTIONS FOR	UNIT COMMANDER
<ul> <li>Which of the following documentation did you use to verify rent? Mark all that apply. Documentation dates must fall within 1 March - 31 May 1990.</li> <li>Documentation was NOT available. (GO TO Q. 5.) Lease/ rental agreement Rent receipt(s)</li> <li>Cancelled check(s)</li> <li>Unit Commander's personal verification.</li> <li>Other documentation (specify):</li> <li>UNIT COMMANDER'S SIGNATURE:</li> <li>The information provided for this verification is, to the best</li> </ul>	Other (specify):
Signature	Name (print)
000/11/2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Page 1 Exhibit 1 4203 = • (NETWORK™ ■ ■ ■ ■

FAMILY HOUSING QUESTIO		REPORT CONTROL 1
(Please read the INSTRUCTIONS and PRIVACY ACT STATEMENT on	· · · · · · · · · · · · · · · · · · ·	DD-18L(A) 665 (I
, NAME (Pant Bolow)	11 IN WHAT TYPE OF HOUSING ARE YOU NOW LIVING	
Last First M. in A.a.		
2 LOCAL ADDRESS-THIS IS THE ADDRESS WHERE YOU ARE LIVING WITH YOUR	INADEQUATE (Forfer) any or all B	A 0.)
FAMILY IF YOUR FAMILY IS NOT WITH YOU INDICATE BACHELOR ENLISTED QUARTERS, SHIP, BOQ, OR WHATEVER IS APPROPRIATE	(SECTION 236)	
······································	10WN DR AM BUYING A MOBILE P	+OME
3 ORGANIZATION TO WHICH YOU ARE ASSIGNED AND DUTY PHONE NUMBER	4 I OWN OR AM BUYING A HOUSE	
Include Name and Unit Number You may use abbreviations	OR MOBILE HOME	
	12 CONSIDERING YOUR PRESENT SITUATION WOUL	D YOU CHOOSE TO
	LIVE IN MILITARY HOUSING	
4 YOUR SOCIAL BECURITY NUMBER	7 RENT CIVILIAN HOUSING	ISELECT ONE ONLY,
	BUY CAVILIAN HOUSING?	UHL V.
	13 HOW MANY MILES IS IT ONE WAY FROM YOUR LO	SCAL HOME TO YOUR DU
5 WHAT IS YOUR PAY GRADE? (Put an X in appropriate box)	STATION? (Neeras mine)	
	14 HOW LONG DOES IT TAKE YOU TO TRAVEL ONE	VAY FROM YOUR LOCAL
04 E8 assmv6	TO YOUR DUTY STATION? (Put en X in appropriate)	001
	2 LEBS THAN 80 MINUTES	
	1 MORE THAN 60 MINUTES	
Od E5 GS-15 and above	15 HOW MUCH DOES YOUR HOUSING COST YOU ON you live in military housing enter 600 in the bases in	
	HOUSING COST, INCLUDE THE FOLLOWING ITEMS	
	Rent or mortgage payment	
	Property taxes	
	Property Insurance	
	Utilities (heat, light, water, trash)	
S WHAT IS YOUR MARITAL STATUS?	Average maintenance costs	
	DO NOT INCLUDE TELEPHO	
Windowed divorced single	TAKE THIS AMOUNT TO THE NEAREST DOLLAR A BELOW IF YOUR AVERAGE MONTHLY HOUSING (	
Negariy separated:	FIGURE TO PUT IN THE BOXES IS	
7 YOUR DEPENDENTS BO NOT INCLUDE YOUR SPOUSE		
FOR PURPOSES OF THIS SURVEY A DEPENDENT NO AGE SEX	L	
PATMENT AND WHO WOULD NORMALLY LIVE 1 WITH YOU 2	16 CONSIDERING YOUR PRESENT INCOME AND THE FEEL THAT THE HOUSING YOU NOW LIVE IN IS SI	
3	T IS BUTABLE	
Age should be to the nearest whole year. Use "M" for 4	OR IT IS UNSUITABLE BECAUSE OF	:
	COMPLETENESS OF UTILITIES	
7	2 COMPLETENESS OF UTILITIES	
	4 STRUCTURAL CONDITION	
I IS YOUR FAMILY LIVING WITH YOU AT THE LOCAL ADDRESS YOU GAVE IN ITEM 21	7 EQUIPMENT	
1 L YES (sam Queerion 9)		
B NO MAINLY BECAUSE ADEQUATE HOUSING IS NOT AVAILABLE	5 NEIGHBORHOOD	
C NO BUT MY FAMILY WILL JOIN ME AT THIS DUTY STATION (answer Question 9)	NUMBER OF BEDROOMS	
2 d NO. MAINLY FOR OTHER REASONS (Skip Question B)	COST	
POR THOSE OF YOU WHO ANSWERED BD OR & AND CONSIDERING YOUR PRESENT SITUATION WOULD YOU CHOOSE?	17 IF YOU OWN OR ARE BUYING A HOUSE OR MOBIL HOME OWNERSHIP TO PREVENT BEPARATION FR	,E HOME DID YOU CHOO IOM YOUR FAMILY?
3 MILITARY HOUSING	1 VES	
	2 NO	
F YOU ARE NOT PRESENTLY ACCOMPANIES BY YOUR FAMILY IN THE	18 IF YOU OWN OR ARE BUYING A MOBILE HOME AN	
AREA. YOU NAVE PINISHED THE QUESTIONNAME. PLEASE BION YOUR NAME AND ENTER THE DATE ON LINE 18.	INDICATED IT WAS UNSUITABLE FOR ONE OR MO YOU BASE YOUR RESPONSE ON?	RE REASONS WHAT DID
	THE MOBILE HOME ITSELF	
6 HOW MANY BEDROOMS ARE THERE IN THE HOUSING WHERE YOU LIVE?		
L]	вотн	
	18 SIGNATURE AND DATE	
	Signature	

#### **INSTRUCTIONS**

Use a pencil to complete the questionnaire. Print in the answers to the first four questions. For the remainder of the questions, fill in the answer, or place an "X" in the box, as appropriate.



If you want to change an answer, be sure to erase completely. If a question does not apply to you, skip it and move to the next one.

#### PRIVACY ACT STATEMENT

#### FOR

#### DD Form 1376 (1 Jan 80) - FAMILY HOUSING QUESTIONNAIRE

This statement is provided in compliance with the provisions of the Privacy Act of 1974 (PL 93-579) which require that Federal agencies must inform individuals who are requested to furnish information about themselves as to the following facts concerning the information requested

I. AUTHORITY: Annual Military Construction Authorization and Appropriation Acts.

2 PRINCIPAL PURPOSE(S) To obtain information to determine whether the programming of military family housing is necessary at an installation.

3. ROUTINE USE(S). Used with questionnaire forms filled out by other individuals to assist in determining the need for the programming of military family housing at an installation, and the extent of this need – number of units, rank, and grade types, and bedroom distribution.

4. MANDATORY OR VOLUNTARY DISCLOSURE. Voluntary. No effect on the individual if information is not provided. Further, the SSN, which is used for identification purposes, does not have to be disclosed and disclosure or nondisclosure will not affect the questionnaire.

I

DD Form 1376 (1 Jan 80) (Back)

	HOUSING COST DATA SHEET - PERSONAL UNIFORMED SERVICES PERSONNEL									
This form should not be with 2 years service or 1 are not involved. (NOT)	leas with depends	or(3) by	y more the mment les	an one mem	ber of a gr a will aub	oup sharing ( mit this Hou	the same qu sing form.)	arters if dependents		
LAST NAME - FIRST NAME	- MIDDLE INITIAL		GRADE (	Check applic	able box)	<u>_</u> +1 <u>_</u> +	2 [] 0-3 [	04 005 006		
					-9 🗌 0-10	> <b>□ ₩</b> -1 <b>□</b>	W-2 🛄 W-3			
BRANCH OF SERVICE (Check applicable boz) SOCIAL SECURITY NO. TYPE OF DUTY (Check applicable boz)								02)		
OTHER (Specify)						THER (Speci	y)			
ORGANIZATION		<u></u>				1				
			TH OF		PLATED OF PRES- 1 of Duty		(Do not give	APO No.)		
		YEARS	MONTHS		MONTHS					
LOCATION OF RE	SIDENCE OVERSE	AS	HOW LO	NG HAVE YO		NO OF DEP	ENDENTS	NO. OF DEPEND.		
CITY	COUNTRY		VEARS	PRESENT Q		IN VICINITY	OF DUTY	ENTS RESIDING ELSEWHERE		
	<b>A</b>	T	YPE OF C	UARTERS		<b></b>				
T PRIVATE LEASE										
						URNISHED				
GOVERNMENT LEASE			MENT			NFURNISHED				
RENTAL GUARANTEE	HOUSING	HOUSE				O. OF BEDRO				
OWNED BY MEMBER			(R (Specify)_		_ <b>™</b>	O. OF BATHS				
IF YOU LIVE IN RENTAL G	UARANTEE HOUSH				JECT AND	NAM	E OF LAND	LORD		
IF WITHOUT DEPENDENTS ANYONET (II "Yes", anly on YES NO	AT YOUR DUTY ST the member of group of	ATION, DO Y hould fill out	OU SHARI	E YOUR QUA	HTERS WI		OW MANY COURTERS	THERS SHARE		
Sharers show	combined expens ons of all sharers.					bined expension	ee should	equel eun		
		SECTION A -				5				
Show costs of Initial Occupan reported. Do not include depo pared while at this station, ev	HOW COSTS IN LOC cy Expenses in this poits for electricity, you if incurved previo	SAL CURREN	CY UNLE: mai house	<b>SS PAYMEN</b> hold fyrnighi	r WAS MAD	E IN U.S. DOI furniture, des	LLARS	a WILL NOT be		
report, include all such costs	<u>.                                    </u>			IN	TIAL COS	τ		ATE OF AMOUNT		
DESCRIPTION OF	ITEM OR SERVICE	PROCURED		LOCAL U.S. CURRENCY DOLLARS			LOCAL CURRENC (Show will	V DOLLARS		
PLUMBING										
GAS OR ELECTRIC INSTALL	ATION									
SUPPLEMENTARY HEATING										
PAINTING, PAPERING, PLA	STERING									
SCREENING										
SHELVING										
TELEPHONE INSTALLATIO										
RANGE, REFRIGERATOR, F (Include only when not normal al liem is anticipated upon di OTHER	ly furnished in local	housing and	reacle							
OTHER (Tiomize - Use Romarks block			,			ł				
REMARKS: DOES LEASE RE - estimated costs.)	OURE REDECORA			N OF PREM	ISES UPON	DEPARTURI	L1 (11 "Y++"	", itemise		
	- YES - H	0								
								2		
DD	PI	REVIOUS EDI	TIONS OF	THIS FORM	ARE OBSC	DLETE.		\$/N 0102-004-0501		

<b></b>	SECTION B - RECURRING EXPENSES													
	SHOW COSTS IN LOCAL CURRENCY UNLESS PAYMENT WAS MADE IN U.S. DOLLARS. ONE ITEM MAY BE IN LOCAL CURRENCY, ANOTHER IN U.S. DOLLARS.													
1. Place e	1. Place check mark in column to denote local currency or U.S. Dollars. I local currency, show unit under month that it applies.													
2. Show costs for 12 months or as many months as housing has been occupied, if less than 12. Enter year to which month applies. An "X" will be entered for each month for which housing was not occupied.														
prorated	3. Amounts will be reported in this section for the month when the bill was received or when the goods were purchased. Amounts will not be prorated. An "O" will be entered for monthe during which no bills for a particular item were received. Receipts, if available, will be used as a basis for reporting costs. If receipts are not available, accurate estimates will be required.													
	4. State the monthly amount of rent paid for your quarters. If rent includes utilities, maintenance, or other expenses, indicate this fact.													
	5. Maintenance and repairs will include minor repair expenses only which you are obligated by law or lease to make. Major items such as plastering, painting, rewiring and acreening, will be reported under Section A - Initial Occupancy Expenses.													
6. Report (	6. Repart taxes required by local law or custom to be paid by the tenant. Specify name of tax. Do NOT repart sales taxes.													
7. <b>X yo</b> u p	ey an es	sount wi	tch cover	s both feed	and hous	ing, estim	ete amoun	t for food a	and amoun	t far housi	ing in remi	urka soctio	n below,	
8. HOME (	WNERS Inters.	are to a	complete S	ection B i	n jts entir	ety. Show	OD "REN	T" line, m	n estimate	of the cu	rrent "FA	R MARKE	T" rental	value of
	(Chec	k ane)												
	CUR-	DOL-	JAN 19	19	MAR 19	APR	19	JUN 19	JUL 19	AUG	SEP 19	ост	NOV	DEC
RENT	MENCY													
ELEC- TRICITY														
GAS														
KEROSENE								·	<b> </b>		<b> _</b>	<b> </b>		ļ
FUEL OIL											┫_───			
WOOD									<b>∤</b> ·					
WATER							····		<u> </u>					
GARBAGE DISPOSAL														
MAINTE- NANCE & REPAIRS														
TAXES (Explain)														
											·			
OTHER (Explain)														
REMARKS				· · · · · ·	L	•	<b>b</b>	4	A		<b></b>	•	<b>.</b>	
• •														
		<u> </u>				ECTION	- CERTI	FICATION	 1					
	IS TRU	E. COM	NFORMAT		EARING	DATE			SIGNAT	JAK				
					FC	R USE OF	REVIEW	ING OFFI	CER					
ALVIEWED	8 Y I (3	i en e ture	)											
S/N 010	S/N 0 102.004.0601 + US GOVERNMENT PRINTING OFFICE 1974-713-651/30412-1 A-7077													

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Γ			JAL OV	ERSEAS H	OUSING ALLOW	WANCE (OHA) REPORT REPORT CONTRO Warning on reverse side. DO-FMEP (A								
						AND HOUSING INFORMATION								
1. 5	ERVICE	MEMBER				3. 51	ERVICEMEMBER'S RESIDENCE ADDRESS (Street, Apr. No., City, Country)							
a. N	AME (I	last, First, Middle	: Initiel)					Ì						
b. Pi	AY GR	ADE		c. SSN		4. EFFECTIVE DATE OF LEASE/RENTAL/SALE AGREEMENT (YYMMDO)								
d. D	UTY LO	OCATION OF	HOMEPO	RT		5. IN WHAT CURRENCY IS YOUR RENT OR MORTGAGE PAID? (X One)								
(1) 5	itation	Name					a. LOCAL CURRENCY (Specify name of currency. Report amount in Item 6.)	)						
(2) C	lity						THE APPROPRIATE BOX TO INDICATE WHETHER YO							
(3) C	ountry	,		(4) Duty Ph	one	RESIDENCE IS LEASED OR OWNED AND GIVE THE MONTHLY RENTAL AMOUNT OR THE PURCHASE PRICE IN THE CURRENCY YOU SPECIFIED IN QUESTION 5.								
					R OVERSEAS HOUSING SEWHERE? (X one)		a. LEASED/RENTED (Enter monthly rent below. If sharing, report TOTAL ren not your share.)	nt,						
		YES (specify loc NO or NOT A					<ul> <li>OWNED (Enter original purchase price. Include only cost of home, EXCLUD closing costs, taxes, etc.)</li> </ul>	×						
						ID G	O DIRECTLY TO QUESTION 8.							
7. A Pi	<u>green</u> T	NITIES AND XR BY YOUR MENT? O, NONE PR	·	(EXCLUDING 1 ID AS PART O	FELEPHONE) PROVIDED/ F YOUR RENTAL/LEASE	8. T L E	O DETERMINE IF YOU ARE A "SHARER" FOR HOUSING / OWANCE PURPOSES, ENTER AN X IN THE BOX AT LEFT F ACH CATEGORY OF INDIVIDUAL OCCUPYING YOUR RESIDEN OR EACH CATEGORY YOU X, ENTER THE NUMBER REQUEST I THE BOX AT RIGHT, THEN RECORD THE TOTAL IN THE B	AL- OR CE. TED						
		ES. ALL UTIL	<u> </u>			j 🔺	T THE BOX AT RIGHT, THEN RECORD THE TOTAL IN THE B T THE BOTTOM. (NOTE: Do not count dependents unless cover y category c)	red						
						X	a. MYSELF	1						
		OME UTILITI	ES PROVID	ED (X utilities and	services your landlord provides		b SPOUSE WHO IS ALSO A SERVICEMEMBER (Enter "1")							
		(1) Electric	ity			C. SPOUSE OR OTHER DEPENDENT WHO IS A FEDERAL CIVILIAN EMPLOYEE ENTITLED TO A LIVING QUARTER ALLOWANCE (Enter number)								
		(2) Heating	]			d OTHER SERVICEMEMBERS <u>ENTITLED</u> TO A HOUSING ALLOWANCE (Enter number)								
		(3) Air con electricity	-	(X if window unit	s used and landlord provides		e EXCLUDING DEPENDENTS, ANY OTHERS NOT COVERED ABOVE WHO PAY A PORTION OF THE RENT, MORTGAGE, AND/OR UTILITIES (Enter number)							
		(4) Water o	or Sewer			TOTAL (8# through e) If result exceeds "1", you are considered a "sharer"								
· · ·		(5) Trash di	sposal			S B	BLOCK 8.b. OR 8.d IS MARKED, REPORT THEIR SOCIAL ECURITY NUMBER(S) AND BRANCH OF SERVICE IN "REMARKS ELOW.	-						
					PART B - R	EMA	RKS							
		····			PART C - CERT	TIFIC/	ATIONS							
		MEMBER.				11. 1	HOUSING REFERRAL OFFICE (HRO) or APPROPPIATE OFFICIAL	_						
				l is true and core mmanding offic	rect. cer if any changes occur	1	I have reviewed and verified the member's lease/rental/sa	ماد						
to	the inf	formation I l	have report	ed.	ale agreement (or certifi- icable.		ement and information from it was properly reported.							
d. 11	have re	ad the overs	ieas housin		efing sheet provided by	a SH	GNATURE							
e sic	SNATU	RE			f DATE SIGNED	b. TI	TLE C DATE SIGNED	о 						
		DRIZING OFF	ICIAL.	E have reviewe s aware of his/h	d and approved this activer entitlements and respo	on. If Insibili	applicable to this action, member has read the overseas housin ty to report any changes.	9						
a TY	PE HO			CTION (X one) Stop	(5) *Cancel	b Ef	FECTIVE DATE OF ACTION (YYMMDD)							
		hange		Correct	(6) *Report	C. D	DES MEMBER HAVE COMMAND-SPONSORED (1) Yes							
	•				*For Air Force use only	1 DI	EPENDENTS? (2) NO							
d SI	GNATL	JRÉ		······································		e. Ti	TLE T DATE SIGNE	ED						
		267 OCT	95			4								

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	Privacy Act Statement
AUTHORITY:	Title 5 and Title 37 U.S. Code; EO 9397 of November 23, 1943.
PRINCIPAL PURPOSE:	To determine eligibility for, to start, adjust or terminate Overseas Housing Allowance.
<u>ROUTINE USE</u> :	In addition to being used by officials and employees of the applicant's military service in determining allowance eligibility, the information provided herein is routinely provided to law enforcement personnel investigating those suspected of fraudulently obtaining allowances. Information may also be disclosed under certain circumstances to other DoD components, other Federal agencies, members of Congress, State and local government, U.S. and State courts. Social Security Number (SSN) is used for positive identification.
DISCLOSURE:	Providing the information on this form is voluntary. Failure to provide the information will result in an ineligibility for an allowance determination. This form will not be processed without your social security number.
penalty	a false statement or claim against the U.S. Government is punishable by courts-martial. The for willfully making a false claim or a false statement in connection with claims is a maximum \$10,000 or imprisonment for five years, or both.

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	MILITARY PAY ORDER		MILITARY PAY ORDER NO									
ORGANIZATION AND STATION			DATE									
TO DISBURSING OFFICER: YOU ARE HEREBY AN	YOU ARE HEREBY AUTHORIZED TO OPEN, ADJUST OR CLOSE, AS INDICATED, THE PAY RECORDS OF THE INDIVIDUALS LISTED BELOW.											
SERVICE NUMBER And Ssan	LAST NAME - FIRST NAME - MIDDLE INITIAL	REASON FO	R CHANGE	YEAR								
				FROM-	T0-							
		1										
					; ;							
					: : :							
					1							
				1								
					1							
St NBOL NO. (Entered by D	O J TYPED NAME AND GRADE OF CERTIFYING O	FFICER	NATURE OF CERTIFYIN	G OFFICER								

DD 1 HOV 49 114

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Practified by Comptibilier General U.S. February 8, 1949

HOUSING ALLOWANCE DOCUMENT AND CERTIFICATE REPORT CONTROL SYMBOL:										
(Regulation to be in:	nserted)	<del></del>								
TYPE OF ACTION START CHANG	SE	CORREC		STOP	EFFECTIVE DATE					
PRIVAC	CY ACT S	TATEMENT								
AUTHORITY: Title 5 and 37 U. S. CODE										
PRINCIPAL PURPOSE: To determine eligibility for, to start, a and determine housing requirements	adjust, or s and reso	terminate vari ources.	able ho	using allowance	e, oversea housing all	owance				
eligibility, the information contained herein is suspected of fraudulently obtaining allowanc DOD components. Federal agencies, member	ROUTINE USE: In addition to being used by officials and employees of the applicant's military service in determining allowance eligibility, the information contained herein is routinely provided to law enforcement personnel investigating those suspected of fraudulently obtaining allowancas. Under certain circumstance information may also be disclosed to other DOD components, Federal agencies, members of Congress, State and Local governments, U.S. and State courts. Social Security Number (SSN) is used for positive identification.									
allowance determination. This form will not	be proce	ssed without y		cial security nur	nber.	for an				
WARNING: Making a false statement or claim against the U.S. Government is punishable by court-martial. The penalty for willfully making a false statement inconnection with claims is a maximum fine of \$10,000 or imprisonment for five years or both.										
PART I - IDENTIFICATION AND H	HOUSING	INFORMATIO	(Part	to be completed	by Service Meraber)					
1 NAME (Last. First. M.I.) 2. PAY	GRADE	3 ADDRESS (R	əsidentia	I, Include ZIP Cod	θ)					
4 SSN 5. DUTY STATION NAME:	6. CITY	AND STATE		7 COUNTRY	8. DUTY TELE	PHONE				
9 DO YOU HAVE DEPENDENTS 10. ARE YOU ACCOMPANIED		NDENTS? 1	1 DEPE	NDENTS ADDRES	SS (If other than block 3 a	DOVO)				
	EFFECTIVE			SALE AGREEME						
	ENVICE MEI	MBEH	D DEPE	NUENIS (Comple	te if block 11 is filled out	)				
14 TO DETERMINE IF YOU ARE A "SHARER" FOR HOUSING ALLOWAR CATEGORY OF INDIVID' A SHARING YOUR RESIDENCE. FOR EAC OCCUPANTS AND THE TOTAL IN THE BOX AT THE BOTTOM	NCE PURP CH CHECKE	OSES CHECK THE ED CATEGORY, S	IE BOX A	T LEFT CORRESP RIGHT THE APP	PONDING TO THE LICABLE NUMBER OF					
a MYSELF				<u> </u>		1				
b SPOUSE WHO IS ALSO A SERVICE MEMBER NAME		SSN		SERV	ICE					
C SPOLSE OR OTHER DEPENDENT WHO IS A FEDERAL CIVILI	IAN EMPLO	OYEE ENTITLED	O LIVIN	G QUARTERS ALL	OWANCE					
d OTHER SERVICE MEMBER ENTITLED TO BASIC QUARTERS	ALLOWAN	CE				1				
8 EXCLUDING DEPENDENTS ANY OTHERS NOT COVERED AB	BOVE WHO	PAY A PORTION	OF THE	RENT, MORTGA	GE AND/OR UTILITIES					
1 TOTAL (Do not count dependents unless covered by category	(cabove)	(NOTE If result e	xceeds	"1" you are consid	dered a "sharer "					
PART I I - EXPENSES DATA AND OTHER ELIGIE	BILITY CO	MPUTATION	(Part II	to be completed	by Service Member)					
15 IF AUTHORIZED HOUSING ALLOWANCE REQUEST IS BASED ON			a. MY I							
b MY DEPENDENT'S LOCATION		C BOTH MY PE	RMANE	T DUTY STATION	AND DEPENDENTS' LOC					
16 a WHAT CURRENCY IS YOUR MORTGAGE OR RENT PAID										
US DOLLANS LOC		ENCY (Specify &	report an	noun's in 16b or 1	6c)					
16 b MONTHLY OWNERSHIP EXPENSES		16 c MONTHL	Y RENTA	L EXPENSE.						
	IDENT				SELF DEP					
(1) PRINCIPAL (2) INTEREST		(1) RENT			┈┈┼╍╌┠╼─╌╴					
(2) WIEREST		(2) INSURANC	£	↓						
(4) INSURANCE		(3) UTILITIES		<u> </u>	<del> </del>					
(5) UTILITIES		(4) OTHER (Sp (5) TOTAL	ecity)							
(6) CONDO FEE MAINT COSTS	┽╌┤									
(8) OTHER (Specify)	-1-1	- UTILITIES/SEP	IVICE'S P	ROVIDED (Check	as applicable)	ELECTRICAL				
(8) TOTAL					SEWER TRAS	DISPOSAL				
DA FORM 0-1. Jun 87 (Pr. used)		+1 S								

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		(Dest III to be a second to be Second to the	
PART II: - DESCHIP 17. IS ACQUIRED HOUSING PERMANENT?		(Part III to be completed by Service Memb USING ACCEPTABLE? 19 NUME	BER OF BEDROOMS
			sch of bedhoums.
	YES	NO	
20. TYPE OF HOUSING.	HOUSE b	C. DUP	PLEX
d. MOBILE F	HOME	e. TOWNHOUSE	f. MOBILE HOME PARK
21. IF ACQUIRED HOUSING IS UNACCEPTAL CHECK MARK	BLE, INDICATE REASON BY		
a. TOO EXPENSIVE	f NO ELECTRICITY	L YES	NO
b. UNSAFE	g. NO HEAT	a TYPE OF DISCRIMINATION	
c. NO POTABLE WATER			
d NO FLUSHABLE TOILET e. TOO FAR FROM POST (One-way commute)	I UNSANITARY		
MILES MINUTES	K. NO SHOWER OR BATH	b. WHO DISCRIMINATED? 'Give establis	shment or address)
	1. OTHER		
	PART IV - SERVICE MEM		
23 I CERTIFY THAT:			
THE INFORMATION I HAVE REPORTED	IS TRUE AND CORRECT.		
		VE FOR MORE THAN 30 DAYS, OR IF MY DEPE AYS, OR (b) ANY CHANGES OCCUR IN REGARD	
UNDERSTAND THE CONDITION OF ENT		COMMANDER OR AUTHORIZED REPRESENT	
OR ON REQUEST. THE ATTACHED COPY OF MY HOUSING	LEASE/RENTAL/SALE AGREEMENT	OR CERTIFICATION FROM LANDLORD) IS TRU	JE AND CORRECT
SIGNATURE			DATE
		pleted by Housing Officer and Approving	
IT WAS PROPERLY REPORTED			
SIGNATURE	TITLE		DATE
25. APPROVING OFFICER 1 HAVE REVIEW		ERVICE MEMBER HAS READ OVERSEAS HOU	SING BRIEFING SHEET AND IS
AWARE OF HIS/HER ENTITLEMENTS AN	ND RESPONSIBILITY TO REPORT AN	CHANGES	
SIGNATURE	ΤΙΤΔΕ		DATE
0403		be completed by Finance Office only)	
26 VHA ELIGIBILITY COMPUTATION	THE THE COMPUTATION (/0	se completed by Finance Omce only)	
a BAQ OR	:	h ENTER AMOUNT FROM 26d	
b FSA TYPE I		ENTER AMOUNT FROM 26g	
c VHA		I SUBTRACT 261 FROM 26g	
d TOTAL (Enter in 26h)		k. ENTER AMOUNT FROM 26c	
e HOUSING COSTS		I SUBTRACT 50% OF 26	
I UTILITIES MAINT		1 SUBTRACT 26I FROM 26k	
TENANCE EXPENSE		I SUBITALI KOLFAUM ZOK	(This is the VHA entitlement)
g TOTAL (Enter in 26i)			
If amount in 26g is greater than 26d STO	IP HEREI		

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VHA CE	ERT	IFICATE		EL JSE ONLY		
			Start [		// Date	
(To be completed by member)		PART I - IDENTIFICATION				·
1. Service Member a. NAME (Last, First, Middle Init	(41)		2, Member's Residential	Address (Stree	t, ADT NO. City,	County, and Sta
b. Pay Grade c	. Social Secur	ity Number	3. Dependent's Residenti (If other than block		reet, Apt No. Cit	y, County, and
d. Duty Location or Homeport (1) Station Name				2 20072)		
			4. Effective date of Lea	se/Rental/Sale		
(2) City and State		(3) Duty Phone	a, Member's		b. Dependent's is filled ou	
5. To determine if you are a "sha category you mark with an I, e X I a, Myself					occupying your r	esidence. For
b. Spouse who is also a Servi (Enter 1 and provide the findata indicated.)		ne		SSN		Service
c. Spouse or other dependent i				wance. (Enter	1)	
d. Other Servicemembers entit e. Excluding dependents, any				/or utilities	(Enter total numb	er)
f. Enter the total of 5a throu						
considered a "sharer". Expenses. If authorized, I ar	requesting V	NA based on:				
my permanent duty station	_		th my permanent duty stati	on and depende	nt's location.	
. Monthly Ownership Expenses:			b. Monthly Rental Expen	ses :		
(1) Principal	1		(1) Rent			
(2) Interest			(2) Insurance	l		
(3) Taxes	1		(3) Other (Specify)			) 
(4) Insurance						
(5) Other (Specify)		1	Totals			
<sup>T</sup> gtals						
variable Housing Allowance (VHA) - rent a member pays, not to exceed notify command/personnel/disbursin maximum imprisonment of five years : certify that I fully understand affecting my entitlement occur. 1	the maximum Vi g officer as , or both (18 the condition	MA payable. If changes occur soon as possible. The penalt U.S. Code, Section 2871. s of entitlement to VMA and m	in residency, dependency, y for making a fraudulent y responsibility for promp	number of mem claim/statemen tly notifying	Ders sharing rent t is a maximum fi appropriate offic	, or monthly re ne of \$10,000.0
	<u></u>	(Signature)			(Date)	
To be completed by Personnel/Adm	n1	PART [] +	COMPUTATION			
. VHA ELIGIBILITY COMPUTATION: Column A				Column B		
. BAQ			h. Enter amount from "d			
. FSA TYPE-I	<u> </u>		1. Enter amount from 7g			
. VHA			j. Subtract 71 from 7h.	Enter differ	ence	<del>_</del>
. TOTAL		(Enter total in 7h)	k, Enter amount from 7c	•	<del></del>	
. Housing Costs			1. Subtract 50% of 7j.		<u></u>	
7. Utility/Mainte- nance Expense			m, Subtract 71 from 7k. This is the member's			
3. TOTAL	- 	(Enter total in 71)				

If amount in 7g is greater than 7d, Stop here.

#### AUTHORIZATION TO START, STOP, OR CHANGE BASIC ALLOWANCE FOR QUARTERS (BAQ), RENT PLUS, AND/OR VARIABLE HOUSING ALLOWANCE (VHA)

PRIN hous P'	HORITY 37 USC 403, Public Lau 5 NCIFAL PURPOSE(S) To start, adjus- sing (VHA) allowance, "TINE USES To adjust member's mil- 'allations: to other DOD componen Congress, State and local governme ication. "LOSURF IS VOLUNTARY. Nondiss form will not be processed without vo	ust, or terminate m nilitars pas record, nts such as Arms a nent, US and State o isclosure mas result	nilitary member's entity , information may be 6 and Navy, other Feder , courts, and various lat It in nonvayment of B.	disclose ral agenc aw enfor BAQ, rer	ed to AF comp icies such as IR ircement agenc int plus, and/oi	pone RS, S cies. pr VH	ents, such Social Sec Social S HA: Disc	h <b>as</b> Al curity Securit closure	FAFC, maj Administri y Number	or con ation (SSN)	mmands, a and VA, G ) is used fo	ind o iAO, or po	other ), mem ositive
	form will not be processed without vo AE (Last, First, MI)	ur SSN decause ir	te Air Force lachupe.		AL SECURITY				GRADE	TYPE OF ACTION			
	Y LOCATION (Include Station, Nam	C.I.	DATE OF ACTION	<u></u>									
	r, and ZIP Code)	ie. Cary.	(YYMMDD)		UITH DEPEND		TYPE	T T			START CHANGE		REPORT
			]		WITH DEPEND	_	PARTIAL				CHANGE		STOP
<b></b>	MARTIA	L/DEPENDENCY				T			ASSIGN			_	_
$\vdash$	SINGLE	L/DEPENDENCT	514105			┢			DEQUATE		AVAILA	<u> </u>	
	MARRIED - SPOUSE A MILITARY					1	QUART						
	IF YES, SHOW SPOUSE'S SSN					ł	QUART	ERS N	ю.		UARTER Availabi		от
	SPOUSE'S STATION OF ASSIGNME		·						-				
	DATE OF MARRIAGE					$\vdash$	ASSIGN	ED IN	ADEQUATE		ELECTION		
	DIVORCED C LEGALLY SEPARA	ATED IS FOR	RMER SPOUSE A M		Y MEMBER	1	QUART						and above
	TYES TNO IFYES. SHOW						QUART	ERS N	ю.			FR	
	FORMER SPOUSE'S STATION OF						FAIR R	ENTAL	L VALUE	C	DETERMIN	ATIC	N
	DATE OF DIVORCE/SEPARATION	N					5			ľ	(Atlached)		
			<b></b>			╋			ANSIENT	╀╴ <del>╿</del> ╸	TERMINATI	ION	DATE
	DEPENDENT CHILD - CHILD IS IN						QUART	ERS					
	SPOUSE, COTHER. (If other, use )						FROM						
	YOUR SPOUSE RECEIVE CHILD S			JER' L	JYES LINO		TO						
	IF YES, SHOW MEMBER'S NAME/S	SSN/LOCATION											
	·····	DEPEND	DENTS/SHARERS (Co	ontinue	e on bacl: if re	rquir	ed)						
~,	AME OF DEPENDENT SHARER	T	TE CURRENT ADDR				<u> </u>	RE	LATIONS	HIP	DOBO	F_CI	HILDREN
-	J	ſ									1		
	1	1											
-		ſ									1		
	1	1					1						
		[									1		
		I											
		[											
		l						·					
		CER	TIFICATION OF DE	PENDE	ENCY SUPPO	RT							
T	I certify that I provide, or am wi	illing to provide	adequate support	L (SPP A	FR 35-18) f	for t	the abo	ve nar	med depe	nden	ts. I am	awa	are that
	failure to support the above nam	ned dependents	may result in stop	ping B	AQ and reco	oupi	ng BAG	) for a	iny prior	perio	ods/nonsu	ibbo	ort.
		CERTIFICA	TION FOR MEMBER	R ASSI	GNED TO CO	SNU:	S (VHA)	)					
	I certify that the above is the cor	prrect duty locat	ion for the purpos	se of cl	aiming an en	ntitle	ement t	o VH	A				
		CERTIFICA	TION FOR MEMBER	R ASSI	GNED OVER	SEA	S (VHA	)					
	I certify that the above is my dep	pendent's addre	ess to be used for c'	laimin	g an entitlen	nent	t to VH	A. 1	further ur	nders	tand that	ί I ν	vill
	report any change of dependent	's residence imm	nediately to the Ac	ccounti	ing and Fina	ince	Office	(AFO	)).				
	CERTIFICAT	ION FOR MEMBE	ER OVERSEAS ENT	TITLED	TO HOUSIN	IG AI	LLOWA	NCE (	RENT PLL	JS)			
	I certify that my rent is	(stated in c	urrency paid) bein	ıg paid	in		(cu	irrenc	y in whic	h ren	it is paid (	i an	d
	utilities are/are not (line one out	t) included in my	ny rent. I am sharin	ing with	h militar	ry/F	ederal i	memt	per(s) and	rent	stated is	my	share.
	My rental lease expires												<u> </u>
	Landlord's name, address and tel	•		<u> </u>						<u> </u>			
	I further understand that I will re	eport any chang	ges immediately to	the A	ir Force (AF	FO a	and HR	O).					
l will	I immediately notify the AFO of any of	change in the stat	us of the dependents	s claimer	d above, such	as di	ivorce, m	arriag	e, death <sub>,</sub> hy	ing in	n Governm	ent	quarters,
	tment in the military service, etc. The DRFANT - Making a false statement of		• -					nenalt	ty for willf	ully m	nnking a fa	alse i	claim or
a f <b>al</b> s	ie statement in connection with claims	is is a maximum fi	ine of \$10,000 or imp	pruonm	ent for 5 year	n, or	r both.						
DATI	Ε	SIGN	NATURE		·····								
			<u></u>						. <u> </u>				
	SERTIFY THAT I HAVE REVIEW	NED REQUIRED	EVIDENCE AND ES	STABL	SHED DEPEN	NDE	NCY OF	MEM	BERSPR	MAR	TY DEPEN	IDE	NTS.
ΓL	I CERTIFY THAT DOCUMENTATIO	ION TO SUPPORT	PAYMENT OF BAC		EMBER WIT	HOU	JT DEPE	NDE	NTS IS ON	FILE	<u>.</u>		
T	I CERTIFY THAT DOCUMENTATIO	ION TO SUPPORT	PAYMENT OF HOI	USING	ALLOWANC	:E (V	HA OR	RENT	" PLUS) H	AS BE	EEN REVI	EW	ED
DAT	E	SIGN	NATURE OF CERTIF	FYING	OFFICER								
1		1											

AF FORM 594, Sep 84 PREVIOUS EDITION WILL BE USED

<b></b>	<u></u>							
AUTHORITY: 37 U.S.C. 403a, Public PURPOSE: To start, adjust or termina ROUTINE USE(S): Information may members, Social Security Administrati information, and the Department of Jus information concerning the needs of the dependents in emergency situations and companies for allotment information an DISCLOSURE IS VOLUNTARY: Fai	te a military m be disclosed to ( on for informal tice for investig member or deg l for verificatio d financial ins	ember's entitlement to other DOD agencies for ion on FICA tax deduc gating or prosecuting v vendents in emergency n of loan applications, titutions for deposits a	VHA pay-related matters, to ted, Department of Vet iolations and possible of situations, the Air Ford state and local governm nd/or payments.	erans Affairs for edu violations of law; the e Aid Society to dete nents for tax and wel	icational and American Re rmine needs o fare purposes	group life ed Cross fo f a membe , insurance	insurance r r or e	
	PARTA	- IDENTIFICATION, DL	TY LOCATION, MARIT	AI STATUS				
NAME (First, Last, MI)				SSN		GRADE		
DUTY LOCATION	_ *				DUTY PHON	E		
MARITAL STATUS         (Check one)           SINGLE         SINGLE           MARRIED TO A         CIVILIAN           LEGALLY SEPARATED         DIVORCED	-					-		
	PART B	- BASIC ALLOWANCE	FOR QUARTERS (BAQ)	INFORMATION				
on behalf of a child of whom I ha to VHA) on behalf of a child in r	I am currently drawing       BAQ at the rate for members without dependents       BAQ at the with-dependent rate       on behalf of my spouse         on behalf of a child of whom I have joint custody (If so, child must be in your physical custody for more than 90 consecutive days to be entitled         to VHA)       on behalf of a child in my custody       on behalf of a child in custody of someone else (if child is in custody of a member or the spouse         of a member, provide that member's name, SSN, branch of service, and station here)							
		PART - C - HOUSI	NG EXPENSE DATA					
MEMBER'S ADDRESS (City, state, and 2	IP code)		DEPENDENT'S ADDR	IESS, IF DIFFERENT	(City, state, Z	IP code)		
MONTHLY H	OUSING EXPE			SHARING STAT	TUS			
	MEMBER	DEPENDENTS (If dual expenses)	ENTER NUMBER IN I	EACH CATEGORY TH	AT APPLIES	MBR	DEPN	
a. RENT PAYMENT			b CIVILIANS (inclu	ding spouse) entitle	d to LQA		1	
6 MORTGAGE PAYMENT (PITI)							+	
C. MOBILE HOME LOT FEES				······			+	
d TOTAL (a-c)			d OTHER CIVILIAN	5 (excluding depend DUSEHOLD EXPENSE	ents) WHO S			
MEMBER'S LANDLORD'S NAME, ADDR	ESS & TELEPHO	DNE	DEPENDENT'S LAN	DLORD'S NAME, AD	DRESS & TEL	EPHONE (1	f differenti	
		PART D - MEMBE	RCERTIFICATIONS					
I CERTIFY THAT THE ABOVE IS MY				NTITLEMENT TO VH	Δ		<u>.</u>	
I understand that my failure to compl a false statement or claim against the false statement in connection with a dependent's status or residence, as w Finance Office (AFO). I also understar indebtedness retroactive to the date	US Governme (laim, is a maxi ell as any chan id that my faili	nt is punishable by cou mum fine of \$10,000 c ges in my housing arra ure to comply with app	urt martial, and that the primprisonment for 5 y indements (i.e., sharer	e penalty for willful years, or both. 1 will 5 location) immedia	ly making a f. report any ch ateix to the A	alse claim, langes of ccounting	ora	
			USEONLY					
START CHANGE CORRECT	CANCEL	-		EINFORMATION ON EMEMBER'S CLAIM		S DOCUME	INTED	
TITLE OF CERTIFYING OFFICIAL	SIGNAT				<u> </u>	DATE		
			1					

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**R** ~/

AF Form

<b>APPLICATION AND AUTHORIZATION TO START, STOP OR CHANGE BASIC ALLO</b>	WANCE
FOR QUARTERS (BAQ) OR DEPENDENCY REDETERMINATION	

AUTHORITY: 37 USC 403, Public Law 96-343, E.O. 9397. PURPOSE: To start, adjust, or terminate military member's entitlement t	0 BAQ.	CY ACT ST					<u></u>			
ROUTINE USE(5), Information may be disclosed to the internal Revenue S Verterans Affairs for education and group life insurance information, and information concerning the needs of the member or dependents in emery verification of Ioan applications, state and local governments for tax and DISCLOSURE: Voluntary, However, failure to provide all information inc	ervice for tax infor the Department of gency Lituations, th welfare purposes,	if Justice for 1 he Air Force J insurance co	Investigati Aid Society Impanies f	ling or pros ly to deterr for allotme	ecuting violation: mine needs of a m ent information ar	is and poss nember or- nd financu	sible viol. : dependi	ations of ia: ents in eme	w, the Am rgency situ	erican Red Cross for
PART A - IDENTIFICATION & DUT	LOCATION				HOUSING					
1. NAME (Last, First, MI)				NON-AVAILABILITY/ASSIGNMENT/TERMINATION OF QUARTERS QUARTERS ARE NOT ASSIGNED DATE:						DF QUARTERS
2. SSN	3. GRADE	4. PHC			<u>RS ARE NOT A</u> TE QUARTER			DATE:		MINATED
		EFFECTIVE DATE: UNIT #								
5. DUTY LOCATION (Base, State, ZIP Code or Country				-	UATE QUARTI /E DATE:		ASSIG	NED		MINATED
PART B - MARITAL/DEPENDENT	STATUS				NT QUARTER		PIED -	UNIT #		
6. SINGLE, NO DEPENDENTS SINGLE, CL	AIMING DEPE	NDENT(S)	) –	FFECTIV	E DATES FRO	<u>) .;</u>			TO	:
MARRIED - SPOUSE IS A 🔲 CIVILIAN 🔲 MILITAR			ľ							
IF MILITARY SPOUSE - NAME, SSN, BRANCH OF SERVIC OF MARRIAGE:	E, STATION AI	ND DATE	s	IGNATU	JRE					<u></u>
DIVORCED LEGALLY	SEPARATED	(Date)	- [	DATE						<u></u>
	AMOUNT OF								FORDEP	ENDENT'S SUP
PORT BASED ON a. DIVORCE DECREE, b. COL	JRT ORDER, c		AL SEP/		N AGREEMEN		d. 🔲		EN AGR	EEMENT WITH ODIAN
8. I CLAIM BAQ FOR THE DEPENDENT					.OW (Effective					
NOTE: Indicate the civilian dependent you are claiming parent). If dependent is a child include date of birth (D)	and the relat	tionship (i.	.e. , spo	use, leg	itimate, illegi	itimate,	, incap	acitated	l, adopti	ed, step-child oi
(a) NAME (Last, First, MI)		DDRESS, C	LITY, ST	ATE, ZIP	or COUNTRY	<u>′</u> T	(c) P	ELATIO	NSHIP	(d) DOB
	<u> </u>		<u></u>							
9 IF DEPENDENT NAMED ABOVE IS A CHILD WHOSE OT	HER PARENT I		ARY ME	EMBER,	OR THE SPOU			BER PRC	OVIDE T	
IVP/ITE		<u> </u>			BRANCH C	JERV.			JIAI	
					L					
PART C - MEM I certify that I provide adequate support (see AFR 3	35-18) for the a	dependent	te name	d above.	. I am aware i	that fail	ure to	adenuati	elveurr	ort the above
CERTIFICATION FOR MEMBERS RECEIVING BAQ FO CERTIFICATION FOR MEMBERS RECEIVING BAQ FO certify that this is my first application YES I understand that my failure to comply with the app	d recouping all R SECONDAR D. If no.	lowances ; Y DEPENE o, zive da	paid for DENTS ( Mayour	r any pri (Parent, last app	or periods of 1 , adopted, illef plication was f	nonsupj gitimate filed.	port. e, incaj	pacitatea	l child o	r step-child) I
making a false statement or claim against the US G or a false statement in connection with a claim is a r	iovernment is j maximum fine	punishabl of \$10.00	le by coi 10 or im	urt mart prisonm	tial and that i nent for 5 year	the pena te, or bo	lty for th. I w	willfully ill report	makini tany ch	g a false claim, anges of
dependent's status or residence, as well as any chan also understand that my failure to comply with app to the date the entitlement became erroneous.	iges in my hou ropriate requi	ising arra remente n	n <b>geme</b> i nay cau	nis immi ise involi	eaiately to the untary collect	Accourtion of a	nting a ny resi	nd Fina ulting inc	nce Offu debled n	e (AFU). I ess retroactive
MEMBER'S SIGNATURE								DATE		
	0	FFICIAL US	SE ONL	<b>v</b>	<u></u>					
START CHANGE CANCEL	REPORT	T	STOP		PARTIAL					WITH DEPENDENT
DEPENDENCY DETERMINATION: I have determined th	at the above n	am <u>ed</u> ind	lividual	l is depe	ndent on the	membe	r base	d o <u>n b</u> ein	8 🗍 8	pouse,
single member claiming legitimate child in custo	dy of another, illegitimate ch	. 🛛 je	gitimat	te child i	in single men er to member	nbers cu	ustody,	. Цра	irents,	stepchild,
I have determined that the above named individual noted here.				the second second second second second second second second second second second second second second second s				er. Reas	ions for	disapproval are
I have reviewed documents that support claim that	member is E-	7 or above	t and no	ə militar	y necessity re	quires t	he mei	mber to r	reside on	base.
TITLE OF CERTIFYING OFFICIAL	SIGNATU	JRE			OFFICE	ADDR	ESS			DATE
AF Form 594, NOV 90 PREVIOUS EDITIN		TE								AFO COPY

AF Form 594, NOV 90

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PREVIOUS EDITION IS OBSOLETE

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•	ON STATEME	INT FOR BASIC ALLOW EAS HOUSING ALLOW AND FAMIL			), VARIA IG ALLO [FSA]	WANCE (		ALLOWA	NCE (VHA),
AUTHORITY: PURPOSE: ROUTINE USES: DISCLOSURE IS	To recertify of Data collecte closed in acc data include, and State and	403a, 405, and 427; E. or update entitiement to ordance with the recorn but are not imited to, t d local governments. ovide the information incl	O. 9397. BAQ, VHA, part of the d system not the internal F	Joint Uniform Military los for JUMPS that a levenue Service, Soc	Pay Syst pears in a Securi	ty Administ	ration,	Veterane	Administration,
NOTE:	Making a fale making a fale 5 years, or b paymente.	e statement or claim ag e claim or a false stater oth. Failing to recertify	ainst the US ment in conn dependents	Government is punis action with a claim is and/or expenses you	hable by a a maxim J claim wi	court marti um fine of I stop BAQ	al. Th 10,000 , VHA,	o penalty 0 or impri 0HA, FS	for willfully sonment for
1. NAME (Last, First,		- IDENTIFICATION, I	DUTY LOCA	TION, MARITAL A	12. 86h	· · · · · · · · · · · · · · · · · · ·	_		4. DUTY PHONE
	-	ot. No., City, State & ZIP Co	ode or Country)		6. DUT	Y STATION	Base, S	tate, ZP C	code or Country)
7. I RESIDE IN: (Chec	* one) 🚺 DORA	NTORY T FAMILY HOUSE	NG TEMP	MARY LODGING FACIL		NTRACT OL	ARTER	S C OFF	BASE
8. MARITAL STATUS	(Check one)	BINGLE BINGLE CLAR	WING DEPEND						
9(a). SPOUSE'S NAM				(b). SSN (If military t	Apouee)	(c). DATE	OF MAP	RIAGE TO	CURRENT SPOUS
10(a). DEPENDENT'S	NAL	(b) REAL (N transm)		VCE (Address, City, Stat	712	a Conto	i (a)		SHEPI (a) DOB of
		(b) SSN (If known)		(PARE 1888), UNIX, 8181		, or country			SHIP (e). DOB of CHILD
	·								
TOTAL NUMBER OF D	EPENDENTS THA			eored Dependents	Non-Com	nand Sponeor	•d	_ since (da	ite)
11				NTITLEMENTS					
		EPENDENT RATE VITH I							
		not currently receive OH	A or VHA			MONTHLY MBER	<u>и но</u> ц	DE	PENDENT8
12. I AM REPORTING	_		n reverse)		TO 113		I VHA	EFF DT	Cate residences)
a. Foreign currenc		housing expenses			•				i i i i i i i i i i i i i i i i i i i
b. Rent or Derived c. Mortgage Paym		- PITI)							<u> </u>
d. Lot fee for mob									
	· · · · · · · · · · · · · · · · · · ·	ily - If not included in rer not included in rent or r		ge)					
g. Total of lines (b	) through (f)								
		t include the following ut ] Heating 🗋 Air Conditik			] Trash D	isposal			
13 RESIDENCE SHAR	UNG STATUS						ENTER	NUMBER	EFFECTIVE DAT
								1	
a MEMBER b. Enter "1" If you have	e civilan spouse	entitled to LIVING QUARTER	35 ALLOWANC	E (OHA only)				•	· · · · ·
b. Enter "1" If you hav	her service membe	entitled to LIVING QUARTER ers, including space if milits			16- Militar	y apouse			
<ul> <li>b. Enter "1" if you have</li> <li>Enter number of oth 86N included in 9b</li> <li>d. Enter total number</li> </ul>	ter service membe above.) of civilians (exclu		ery. (Write na	me and SBN in Section (					
b. Enter "1" If you hav c. Enter number of oth SSN included in 9b i	ter service membe above.) of civilians (exclu	ers, including spouse if milita aling dependent(s)} who cont	ary. (Write ng tribute to the n	me and SBN in Section (	ions of your				
<ul> <li>b. Enter "1" If you have</li> <li>c. Enter number of oth SSN included in 9b i</li> <li>d. Enter total number of</li> <li>e. Total of lines (a) th</li> </ul>	ner service membe above.) of civilians (exclu vrough (d) F MEMBER - sinc	ers, including spouse if milita aling dependent(s)} who cont	ary. (Write ng tribute to the n	me and SBN in Section ( Intal or ownership supers	ions of your				
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ME AND TITLE	BIGNATURE	DATE
FOR A	FO USE ONLY	
I certify that I have reviewed the member's supporting documentation		
AME AND TITLE OF CERTIFYING OFFICIAL	BIGNATURE	DATE
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	DNS TO MEMBER	
AFM 177-373, Volume I requires military members to recertify B form and return to your Accounting and Finance Office (AFO) wi the preparation of the recertification form. The information and if you have any questions about how to complete this form or you local AFO for assistance. Sign the reverse of the original in bloc	AQ, FSA, VHA, OHA and COLA. Please complete your rect thin 30 days of receipt. These instructions are provided to a instructions should not be used as a guide to the entitlement gare unaute of your entitlement eligibility, you should call or	artification ssist you in requirements. visit your
<ol> <li>MEMBER'S RESIDENCE - If you had a PCS move since last r country; the length of time in residence and date you moved out of permanent residence is different than your current residence p</li> </ol>	, in the remarks section or on a separate sheet of paper. If	e, or your home
<ol> <li>MONTHLY HOUSING EXPENSES - If you and dependents re marked "Member". If you and your dependents reside in separa separately whether you are entitled to the VHA amounts or to a</li> </ol>	ite residences, report rent or mortgage expensés in both coil dual housing allowance.	mns.
<ol> <li>RENT - (For OHA) - Report in the currency in which paid ex- equivalency contract) rather than at a fluctuating rate of exchan- lent of the monthly rent in blocks 13b or 14b.</li> </ol>	ge. In the case of dollar equivalency contracts enter the U.S	i. dollar equiva-
<ol> <li>DERIVED RENT (For member who owns or is buying a home reported block 13b and/or 14b is derived by dividing the purchase costs, fees for the title search, other related costs in the purch urns marked "Member" and/or "Dependents".</li> </ol>	overseas) - If you are purchasing your residence, the "rent" price, reported in U.S. Dollars, by 120. Do not include sett ase price. Report rent in the currency in which paid. Include	amount lement in 12b in col-
5. SHARING STATUS - When other individuals (excluding dependent amount that is paid by all sharers, not just the portion paid is member reports rent of \$500. NOTE: If any changes have occupation or that have not been reported previously to your AFO, at when you are returning your recertification form.	by you. Example: two members share a residence and pay 1 urred in your housing expenses or sharing status since your la	600. Each Ist (re)certifi-
6. COLA - If you are a single member without dependents and r or not you receive BAS to determine if you are entitled to full CO	reside in government quarters (dormitory), you must indicate	whether
16. REMARKS		
FOOTNOTES: 1. If the dependent child is in the legal custody of another, sh relationship of dependent to custodian. If the custodian is a 2. Check this box if you are serving an unaccompanied oversec reside in government guarters, and you receive either OHA or S 3. Providing your housing espense, even though you may not in the wrest you lark backmee alighte	illtary member show name, SSN and branch of service in block	18. dependents pendents
in the event you later become eligible. 4. If the number of sharers has changed since the last (re)cert	ification show date of change.	
5. If your divorce decree or separation agreement does not req difference between your "with" and "without" dependent BAQ	wire dependent support or if the support required is less than the reles you may need a written agreement with or on behalf of your information consult your local AFO.	le Dur
aependent to qualify for with dependent rate BAQ. For furthe	r information contait your tocal Ar O.	

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APPLICATION	FOR	ASSIGNMENT	TO	HOUSING	(Continued)
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#### Privacy Act Statement

AUTHORITY:	5 USC 5911 & 5912.
PRINCIPAL PURPOSE:	To identify customer needs for assistance and housing requirements.
ROUTINE USE:	To initiate housing office action in providing housing for military and eligible civilian personnel.
DISCLOSURE:	Voluntary. However, failure to provide the requested information will result in our inability to assist you.

#### **GENERAL INSTRUCTIONS**

This form provides the Housing Office with more timely and accurate information and will be used to provide you with military and/or community housing. <u>All items not listed are self explanatory</u>. SECTION A (APPLICANT IDENTIFICATION AND FAMILY DATA) and SECTION B (HOUSING DATA) are to be completed by the applicant. Information on military spouses is now being requested for Basic Allowance for Quarters (BAQ) entitlement which must be included on your Military Pay Order which is forwarded to your respective financial center.

#### SECTION A-APPLICANT IDENTIFICATION & FAMILY DATA

Item 4. DoD Component - Army, Navy, Air Force, etc.

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Item 5. Address - Enter complete current address (street number and name, apartment number, city, state/country and the nine-digit zip code).

(Items 8 & 9 are used in Equal Opportunity Off-Base Housing Program.) item 8.

- Race Enter the appropriate number. 1 - American Indian or Alaskan Native
- 2 Asian or Pacific Islander
  - 4 White 3 - Black 5 - Other (specify)
- Ethnicity Enter the appropriate number. Item 9. - Hispanic Origin 2 - Not of Hispanic Origin

#### tem 12. <u>Career Information (Military Applicants/Military Spouse Only)</u> – Enter dates in order of YYMMDD. (September 25, 1985 would be entered as 850925)

- a. Enter the date your current rate / rank was effective.
- b. Enter your active duty service computation date.
- c. Enter the time (in months) which you have remaining on active duty.
- d. Enter your estimated rotation date from the installation to which you are applying.
- e. Enter your official report date (from your PCS orders).
- f. Enter your estimated arrival date.
- g. For applicants assigned overseas, enter the date you departed from CONÚS
- h. Enter the effective date you were dropped from accountability at your previous duty station and gained on the rolls at your new duty station for record purposes. For overseas assignment, enter your date of departure from CONUS.

# tem 13. Installation / Organization Transferred From -Enter the name of the installation you transferred from.

ttem 14. Installation / Organization Transferred To -Enter the name of the Installation to which you are applying for housing. Include the name of the Organization / Department you will be assigned to.

#### item 17. Dependents Residing with Me -

- a. through e. List requested data for all authorized dependents who will be residing with you.
- Enter the effective date which those dependents listed were authorized to become your legal dependents (DD Form 137).
- Provide the Housing Office with Information regarding any handicapped dependent or special family health problems which might influence your preference for a particular type of housing

(i.e., single level vs. two story, ramps for wheelchairs, expected additions to family, etc.).	housing described in item 28c (e.g inspection), date, verifier's name an	how verified (on site
SECTION D - HOUSING REP	ERRAL CERTIFICATE	4
On this date I have received a listing of the existing housing restrictions approved by the Department of Defense, and I will not reside in any property on the DoD restricted list. I have been briefed on (1) the services provided by the Housing Office and (2) the DoD program	In addition, if any facility refuses to reason to believe I am being discriminat notify the Housing Office.	ent or sell to me or I have ed against, I will prov
on equal opportunity for military personnel in off-base housing. I understand I am required to complete and return DO Form 1670 "Notification of Housing Selection," when housing has been obtained.	29. SIGNATURE OF APPLICANT	30. DATE SIGNER (YYMMDD)

#### DD Form 1746 Reverse , APR 86

#### SECTION 8 - HOUSING DATA

#### Item 18. Type Service Required ~

Military Applicants - If temporary community housing is desired while awaiting military housing, mark both boxes in item 18, and answer all questions.

Civilian Applicants - Mark the box "Housing Referral Services" In item 18b, and answer all questions.

Item 20. Location - Enter the location you would like to reside (i.e., XYZ APTS., ANYTOWN, USA).

tem 25. Signature - The applicant must sign the DD Form 1746. **Item 26.** Date Submitted – Enter the date the application was submitted to the Housing Office

# SECTION C - DISPOSITION (To be completed by the Housing Office) Item 27. Military Housing -

- Application Received Enter the year, month, day and h the application was received in the Housing Office
- b. Application Effective Enter the date of change of duty station (Line 12h) if the application is received within five (5) days of this date Otherwise, the date the application is received in the Housing Office will be the effective (control) date.
- c. DD Form 1747 Enter the date that the DD Form 1747 was sent to the military applicant.
- d. Housing Availability Enter the item letter for the applicable box(es) marked under item 4 of the DD Form 1747. returned to the applicant.
- e. Waiting List Enter the identification of the assignment waiting list(s) to which the applicant is assigned,
- ŧ. Effective Placement - The effective date and time of the applicant's placement on the list(s).
- g. Bedrooms Requirement. Enter the number of bedrooms required, based on dependent data in Item 17 and bedroom requirement criteria in DoD Instruction 4165 44.
- h. Date Assigned Enter the date the unit was assigned.
- Housing Unit Assigned Enter the address of the housing unit assigned.

- Item 28. <u>Community Housing</u> a. Applicant NOT placed on a Waiting List mark the appropriate box(es) as to the reason why the applicant was not placed on a Waiting List.
- b. Enter the address of the housing leased or purchased by the applicant.
- If the housing location described in Item 28b is unacceptable, check the appropriate box(es).
- 4 Describe the process used to use by the upperant shilling of the

NOTIFICATION OF HOUSING SELECTION NOTE: Complete and return to Off-Base Housing Referral Office NLT:

ŝ

PRIVACY ACT STATEMENT: AUTHORITY: 10 USC 133. PRINCIPAL PURPOSE: To provide information to the liousing Referral Office on the results of a military individual's efforts to obtain housing in the community. ROUTINE USES: Information reported will be used to ascertain if the individual has found satisfactory housing, as an indicator of the off-base housing situation. for potential future listings, and to report referral accomplishments and status of unhoused individuals to higher headquarters, as required. DISCLOSURE: Voluntary. However, nondisclosure of information would hamper the efforts of the ligung Referral Office to effectively house military personnel in the community.

GRADE

DATE

NAME (Print or type last, first, miadle initial)

ADDRESS (Street, city, state and ZIP Code)

ļ

LI HAVE NOT FOUND PE	RMANENT OFF-BASE HOUSH	NG TO DATE	
I HAVE FOUND THE FO	LLOWING OFF-BASE HOUSIN	G: TEMPORARY	PERMANENT (Check below)
HOUSE	FURNISHED	RENT	NO. OF BED ROOMS
APARTMENT	UNFURNISHED	SALE	
MOBILE HOME	ROOMONLY	SHARE	COST/PRICE
MOBILE HOME PARK	ROOM AND BOARD		
HRO REALTO	R DINEWSPAPER DOTH	1ER (Specify)	
LI AM SATISFIED WITH N	Y OFF-BASE HOUSING		<u></u>
1700 SMALL 1700	TH MY OFF BASE HOUSING I FAR FROM BASE TOO EX LETO RACE COLOR	PENSIVE OTHER (Sp	
SATISFIED WITH HRO SER (If "NO", explain)	VICE: YES NO	SIGNATURE	

DD Form 1670, 1 Jun 78 EDITION OF 1 NOV 73 IS OBSOLETE.

# **APPENDIX D**

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# TIME AND COST ESTIMATES

# TIME AND COST ESTIMATES

The value to DoD of the suggested alternatives to the current process for collecting housing data can be expressed in two ways: in terms of time lost or in the cost of executing the process. In many ways, time and cost considerations overlap; however, time lost is an important factor because it is a distraction to force readiness that cannot be overcome with additional spending.

#### **ASSUMPTIONS**

The LMI time and cost model is necessarily limited. The intricacies of portraying step-by-step costs of manual and automated systems operating in parallel in several modes across four Services would be a major undertaking beyond the scope of this study. Our objective is not to provide detailed cost estimates but reasonable cost comparisons. To do this, we have adopted a parametric approach.

The effectiveness of such an approach depends on the assumptions used and the basic data entered into the model. Our assumptions are provided in Table D-1. Again, our objective is to provide a relative assessment of costs. As will be seen shortly, each proposed alternative reduces the manpower requirements. To ensure a fair comparison, we have been quite conservative in our assumptions of labor costs and processing times. In particular, we have made conservative estimates of Service member (SM) wait times, we have charged only 5 minutes travel time to or from the appropriate offices, and we have used only direct salary figures (overhead rates often add 50 percent to those figures).

We used the FY89 number for all SMs drawing basic allowance for quarters (BAQ) in CONUS, since all are currently part of the survey processes. If we had entered SMs drawing BAQ while overseas, the savings projected for the new alternatives would have been somewhat higher; however, with the special information needs of the overseas housing allowance (OHA) process, it was not clear to us that the consolidation would include OHA and we decided to omit those additional savings.

#### TABLE D-1

7

#### ASSUMPTIONS

Number of SMs drawing allowances	1,028,029ª
Average salary of SM	\$18,000
Average salary of chain-of-command	\$20,400
Average salary of staff representatives	\$18,000
Cost of VHA survey processing	\$250,000
Overhead per client interaction	
Contracts	40%
Personnel	200%
Finance	80%
Housing	120%
Frequency of event per SM per year	
BAQ certification	0.4
VHA start	0.35
VHA certification	1
VHA surveys	1
Housing survey	0.2
Cost to produce form	\$0.009
Cost to microfiche form	\$0.041
Cost to ship form	<u>\$0.003</u>
Total	\$0.053
Calculated: salaries per minute	
SM	\$0,1563
Chain of command	\$0,1771
Staff representatives	\$0.1563

Note: VHA = variable housing allowance.

\* SMs drawing BAQ in CONUS, FY89 (Source: OSD – Compensation) Of those, 814,379 draw BAQ with dependents

We chose the average salary of an SM as E-7 with 12 years' service, drawing BAQ, with a variable housing allowance (VHA) of \$100 per month. The average salary of the chain of command was for an O-2 with 3 years' Service, BAQ, and \$100 in VHA. [This represents a chain composed of senior noncommissioned officers (NCOs), company- and field-grade officers.] The average salary of the various Personnel, Finance, and Housing Office staff representatives was set at the same level as the SM population. The cost of the VHA survey processing is based on the most recent contract awarded by the Office of the Secretary of Defense Per Diem and Travel Allowances Committee — referred to as the Per Diem Committee.

The burden estimate, and eventually the cost estimate, depend largely on the time assumed to process each transaction. While the participation of the SM and the chain of command are relatively easy to portray, the complex processes that occur after the initial customer interface has concluded are more complicated. We have shown this as a time-overhead rate that represents the work element of processing and filing the forms once the SM has completed them properly and left the field office.

In general, finance transaction forms are completed at the point of interview, keyed into a local terminal, and transmitted in batch mode to the Service Finance and Accounting Center (FAC). They require little intervention, aside from periodic quality control audits. We have assigned an 80 percent overhead rate to account for limited supervision and the cost of maintaining the central system.

Housing transactions differ widely for each Service. In some cases, they are entered into a computer during the initial interview; in others, there is no significant automation. Even where automation exists, the BAQ forms are reviewed and transmitted to Finance. A certain amount of overhead is required to account for the forms and to monitor their quality. In addition, because housing data are not centrally linked to other echelons of command (except in the Army), there is a significant overhead for research to respond to queries and to print reports. We have assigned a 120 percent overhead rate to account for this. We have assumed that both the housing survey data analysis process and the Army's Segmented Housing Market Analysis (SHMA) will conti. If to be required. In fact, this assumption is open to review; further savings would accrue if either process could be eliminated.

Personnel transactions are a small part of the overall activities reviewed for this study, and housing allowance data are only a small part of the wide range of data collected by personnel activities. However, in all Services, personnel functions are labor intensive, with centralized mainframe computers usually fed by batch or manual input. Thus, the SM usually provides the information to a local office that records it on paper; then the data go through several levels of conversion before becoming part of the master database. As a result, the actual time taken with the SM is limited, but a significant amount of activity occurs after the transaction. We have assigned a 200 percent overhead to personnel activities.

Based on the approaches announced for FY91, we have assumed that (in the absence of a consolidation) VHA certifications and the Per Diem Committee surveys will be performed annually for all affected SMs. The housing surveys will continue to be performed as a census at many bases, as a survey at designated bases, and not at all at many bases (including the entire Army). We have therefore assumed that only 20 percent of SMs who draw BAQ will be required to complete the housing survey. Although that survey historically has a low response rate, we regard that to be a command issue and believe that the effort to account for the surveys that were not completed is at least as great as the effort to process the surveys that had been completed. Since military families relocate every 3 to 4 years as standard tours end, and some relocate more frequently for schools and other assignments, we have assumed that the allowance start procedure will be initiated for 35 percent of the BAQ-drawing SMs each year. BAQ certification will be required for those same SMs. Also, some will experience a change in family status during their tours of duty. For these reasons, we have selected the slightly higher rate of 40 percent for the BAQ certification process.

In the remainder of this appendix, we recapitulate the major processes to estimate the time required for each participant to complete each step.

#### TIME ASSUMPTIONS

In our estimates of the time consumed and costs of the alternative systems, we have allocated a component to the SM and the chain of command which, it turns out, dominates the analysis. Some have said that these resources are "sunk costs": these salaries are already paid for and should not be considered again. We considered these resources to be "opportunity costs"; that is, the resources could be employed more productively in training or other useful tasks. Time spent filling out redundant forms contributes very little to the national defence.

#### **Current System**

The baseline for our assessment is the current system. We assume that any personal (that is, face to face) transaction would require at least 2 minutes of a clerk's time. Relatively automated tasks, such as printing lists of SMs by the Personnel Office, are assumed to consume an average of 1 minute per SM in planning, coordination, computer time, and other execution tasks. Table D-2 shows our assessment of the time demands of the current system.

#### TABLE D-2

#### ESTIMATE OF TIME - CURRENT SYSTEM

# Parallel processing (Minutes per transaction)

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total burdenª (man-hours)
Personnel Office	10	-	1	;	۱	106,230
Finance Office	15	5	10	-	-	304,125
Housing Office	2	8	-	-	12	102,803
Sunk costs						
Chain of command	6	2	2	10	7	282,708
Service member	84	30	56	45	25	2,571,786
Total burden <sup>a</sup> (man-hours)	801,863	269,858	1,182,233	959,494	154,204	3,367,652
Forms	1	2	1	١	1	-

<sup>4</sup> Based on 1.028.029 SMs drawing BAQ

#### **BAQ** Certification

In order to certify BAQ eligibility, the SM must locate and duplicate copies of required legal documents (20 minutes). After the SM receives an appointment through the chain of command (2 minutes each), the SM takes those documents to the Personnel Office (10 minutes' round trip) for verification (10 minutes each, after the SM waits for 10 minutes). The SM then repeats the process through the Finance Office, which must also substantiate the dependent information. In addition, the

Finance Office must post those data to the SM's automated and manual local record (5 minutes). The Housing Office reviews all records to ensure housing eligibility, but that time is charged to the allowance start process. The chain of command and Housing Office periodically verify BAQ eligibility (2 minutes each). Although BAQ status is recorded on the VHA forms, each Service uses a separate personnel form as the reference for BAQ eligibility transactions. We have not included the time to complete the multitude of dependency determination forms that are appendices to the BAQ eligibility form itself.

In order to limit the size and repetitiveness of the report, we have not displayed the details of the time and cost calculations for every circumstance. However, to demonstrate how the model works, we will explain the first column of Table D-2.

Personnel Office: 10 minutes interaction with the SM. Obviously, the Personnel Office loses no time while the SM is waiting in line. We have not assessed the time required to set the appointment time through the chain of command.

Housing Office: 2 minutes to verify BAQ eligibility -1 minute, as noted earlier for automated process, to produce and distribute the automated listings; 1 minute for the review and disposition.

Finance Office: 10 minutes dealing with the SM while in the office, 5 minutes posting the data to the files and computer systems. Again, no charge is assessed for setting the appointment.

Chain of command: 6 minutes for two appointments (one with Personnel, one with Finance) and one review of the Housing-generated BAQ eligibility listing.

Service member:

Form preparation	Ξ	20 minutes
Personnel appointment	=	2 minutes
Travel to/from Personnel	Ξ	10 minutes
Wait at Personnel	=	10 minutes
Processing at Personnel	=	10 minutes
Finance appointment	=	2 minutes
Travel to/from Finance	=	10 minutes
Wait at Finance	=	10 minutes
Processing at Finance	=	<u>10</u> minutes
Total	=	$\overline{84}$ minutes

	NITH DEPENDENT VHA	AND SUPPORTS THE MEMBER'S CLAIM TO VHA		
TITLE OF CERTIFYING OFFICIAL	SIGNATURE	OFFICE ADDRESS	DATE	
AF Form				

Other columns and other tables are developed in the same way.

#### VHA Starting

The SM obtains an appointment at the Housing Office (2 minutes), and travels there (10 minutes' round trip and 10 minutes waiting). The SM has the necessary information processed (we assign 8 minutes of an average 45-minute period to the information specifically needed to process the allowance form). Although in some cases the SM is required to return to his unit to get the proper forms, then go to Finance, we ignore this cost because in some Services, forms are forwarded directly from Housing to Finance. At the Finance Office, the forms are reviewed and filed in the local record, and necessary transactions are initiated on the computer (5 minutes). We ignore the demands on Finance and the chain of command when newly arrived SMs fail to return to Finance within 60 days to update their VHA data. Two forms are completed in this process: the Housing Application form and the Service VHA form.

#### VHA Certification

The Personnel and Finance Offices develop a roster of personnel that must be certified (1 minute each). The chain of command notifies the SM and assigns appointments (2 minutes each). The SM collects and duplicates the required documentation (25 minutes), travels to Finance (10 minutes, plus 10 minutes waiting). The documentation is reviewed and processed at Finance (10 minutes). Each Service uses its own form for this purpose.

#### **VHA Surveys**

The chain of command [this includes the Per Diem Committee and the Defense Manpower Data Center (DMDC)] develops a list of personnel to be surveyed. The chain of command then makes arrangements for the survey to be made. Including the requirement for commander participation in the 1 percent sample, an estimate of 10 minutes per SM is conservative. The SM collects the required data (15 minutes, no duplication required) and completes the survey (30 minutes, including administrative overhead time). All Services use the same unique form for this survey.

#### Housing Survey

The Housing and Personnel Offices determine who will be surveyed (1 minute each). Instructions are produced and relayed through the chain of command, which administers the survey (4 minutes). The SM collects the necessary data (15 minutes) and completes the survey (10 minutes, including overhead time). The Housing Office reviews the results and conducts acceptability override inspections. These inspections, while few in number, take considerable time. A conservative average of 11 minutes per SM is assigned to the Housing Office participation. The surveys are then passed back through the chain to the Navy's Facilities Support Office (FACSO) at Port Hueneme, CA, for data input, processing, review, and reporting (3 minutes, charged to the chain of command rather than the housing function overhead). One form, DD 1376, Housing Survey, is used for this purpose.

#### **Single System Alternative**

The primary benefit of the single system is that it requires the housing data to be provided to one agency. Rather than requiring the SM to move from office to office at a significant loss of time, the data can be transferred instead. We assume for the purposes of this estimate that the data are entered into the Joint Uniform Military Pay System (JUMPS). Table D-3 shows our estimate of the time demands imposed by the single system alternative.

#### **BAQ** Certification

As it is done today, the SM obtains the necessary data and appointments. The dependency claims must be substantiated through Finance as before, but the data are transferred to personnel files electronically. This eliminates SM trips to Housing and Finance. However, since the data will be provided annually as part of the recertification processes, all BAQ data collection after initial inprocessing is assessed as part of the annual recertification by increasing the time to process one recertification case, and reducing the time required for periodic BAQ certification.

#### VHA Starting

This process is essentially unaltered. However, the Housing office would not be required to collect any information, simply to annotate the SM's file or form with an

#### TABLE D-3

#### ESTIMATE OF TIME - SINGLE SYSTEM

#### **Finance based**

#### (Minutes per transaction)

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total burdenª (man-hours)
Personnel Office	1	-	-	-	-	6,854
Finance Office	t I	5	25	1	1	485,744
Housing Office	1	2	-	-	1	22,274
Chain of command	-	2	2	-	-	46,261
Service member	-	30	78	-	1	1,519,770
Total burden <sup>a</sup> (man-hours)	20,561	233,877	1,799,051	17,134	10,280	2,080,902
Forms	0	0	1p	0	0	-

a Based on 1,028,029 SMs drawing BAQ

<sup>b</sup> The form is a local worksheet form with no shipping and storage

assigned quarters number or a non-availability statement (2 minutes). A single, allpurpose form would be used.

### **VHA Certification**

The process is basically the same as today, except that BAQ and housing data must be provided in addition to VHA data. This means that the SM incurs an additional 10 minutes to collect additional documents and the processing time is increased by 10 minutes to account for both forms of new data. This is the time offset to the time saved in the BAQ process discussed above. However, there is no requirement for data transfer between staff agencies. An all-purpose form would be used.

#### VHA and Housing Surveys

The survey process would essentially be eliminated because all affected SMs would provide the necessary information annually for their recertifications. There is a small data collection activity required for the Housing Offices to support Per Diem Committee calculations, especially the Move-In Housing Allowance (MIHA). That assessment is shown under the Housing Survey column because most SM's are not involved in the MIHA data collection process. The OSD cost of processing the information, however, remains essentially unchanged once the data are provided from JUMPS to using activities; that cost, therefore, has been ignored in this entire analysis.

# Single Form Alternative

The single form parallel system has many of the advantages of the singlesystem approach. However, it demands more time from the SM. Table D-4 shows our estimate of the time demands for the single form alternative. We assume in this tabulation that nonpay data will be forwarded to the installation Housing and Personnel Offices for necessary action prior to being sent to the designated data processing agency.

#### TABLE D-4

# ESTIMATE OF TIME – SINGLE FORM Parallel system

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total burdenª (man-hours)
Personnel Office	5	-	2	-	-	68,535
Finance Office	1 1	5	25	1	-	462,317
Housing Office	1	2	-	-	1	22,274
Chain of command	-	2	2	-	-	46,261
Service member	-	30	78	-	1	1,519,770
Total burden <sup>a</sup> (man-hours)	47,975	233,877	1,833,318	17,134	6,854	2,139,157
Forms	0	0	1	0	0	-

#### (Minutes per transaction)

<sup>a</sup> Based on 1.028,029 SMs drawing BAQ.

# **BAQ** Certification

For this alternative, BAQ certification again becomes an integral component of the annual VHA certification process. In this case, however, with separate data systems, the Personnel Office would have to process dependent data manually (5 minutes) once the form has been received from the Finance Office (1 minute).

#### VHA Starting

This process is the same as with the single Finance-based system since all documentation would be presented at Finance.

### **VHA** Certification

This process is the heart of both alternative approaches. In essence, the certification process is identical to the single system certification: the SM brings in all information to the Finance Office to be verified. In the single form process, however, the non-JUMPS data are physically forwarded to the data input center instead of being electronically transferred.

#### VHA and Housing Surveys

The data processing center receives data forms from the Finance Office (1 minute) as part of the annual allowance certification process. In this system, there is no capability for override inspections. Because the non-Finance data is processed by a separate activity, this alternative appears to be far less expensive in terms of time burdens on the SM and the installation staff agencies than the single-system alternative. However, this alternative does require the participation of a data input center, which is not required in the single-system alternative.

#### COSTS

The conversion of time demands into costs is simple. Based on the salaries assumed in Table D-1, a rate per minute of time is determined. The appropriate overhead time is assessed by office type, and a factor is applied to adjust for the frequency of occurrence of the process. The generic formula is:

Cost = Minutes per SM × number of allowance-drawing SMs × probability of process occurring during a year  $\times$  cost per minute of time  $\times$  (1 + office overhead rate, if any).

In addition, the number of forms employed is converted into a cost by assessing the cost to produce and ship the forms, then to prepare them for mass storage. Finally, there is a cost of administering the current VHA survey; that is presently a contract item, although essentially the same cost would be incurred if done in-house. That cost would be replicated in the single-form alternative, because of the need for a data entry center; it is not incurred in the single-system alternative.

The comparative costs of the three alternatives are presented in Tables D-5, D-6, and D-7.

#### **TABLE D-5**

#### **ESTIMATE OF ANNUAL COST – CURRENT SYSTEM**

Parallel processing

(\$000)a

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total
Personnel Office	1,606	0	402	402	80	2,490
Finance Office	771	225	1,285	o	0	2,281
Housing Office	154	540	0	0	463	1,157
Chain of command	386	112	321	1,956	225	3,000
Service member	5,397	1,687	8,995	7,228	803	24,110
Forms	24	48	24	24	24	146
Data input	0	0	0	0	0	250
Total	8,338	2,612	11,027	9,610	1,595	33,434

Note: Numbers may not equal totals because of rounding

<sup>a</sup> Based on 1,028,029 SMs drawing BAQ

#### TABLE D-6

# ESTIMATE OF ANNUAL COST - SINGLE SYSTEM

# Finance based

(**\$**000)a

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total
Personnel Office	161	0	0	0	0	161
Finance Office	51	225	3,213	129	26	3,643
Housing Office	77	135	0	0	39	251
Chain of command	0	112	321	0	0	434
Service member	0	1 687	12,529	0	32	14.248
Forms	0	0	120	0	0	12
Data input	0	0	0	0	0	0
Total	289	2,159	16.075	129	96	18,749

Note: Numbers do not equal totals in some cases because of rounding

<sup>a</sup> Based on 1.028.029 5Ms drawing BAQ

<sup>b</sup> This form is a local worksheet with no shipping and storage

#### TABLE D-7

#### ESTIMATE OF ANNUAL COST - SINGLE FORM

#### **Parallel systems**

(\$000)a

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total
Personnel Office	803	0	803	0	0	1,606
Finance Office	51	225	3,213	129	0	3,617
Housing Office	77	135	0	o	39	251
Chain of command	0	112	321	o	0	434
Service member	0	1,687	12,529	0	32	14,248
Forms	0	0	24	0	0	24
Data input	0	0	0	0	0	250
Total	931	2,154	16,890	129	71	20.430

Note: Numbers do not equal totals in some cases because of rounding

<sup>a</sup> Based on 1,028,029 SMs drawing BAQ

# **REPORT DOCUMENTATION PAGE**

Form Approved OMB No. 0704-0188 \_\_\_\_

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gathering and maintaining the data needed, collection of information, including suggestion	and completing and reviewing the collection of	Finformation. Send comments regarding the quarters Services, Directorate for Informatic	ng instructions, searching existing data sources, his burden estimate or any other aspect of this on Operations and Reports, 1215 Jefferson Davis Vashington, DC 20503.
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-	ry installations; and to calculate the a a collection forms now being used by	· · · · ·	vance ceilings for an installation
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• •	rent methods and agents can result i I the data. DoD could realize addition		
automated system.		nal savings by integrating the bac	a conection process into a single
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