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NEW APPROACH TO AIR FORCE PROVISIONING

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| <p>→ The principal objective of the study was to define the correlation and/or difference between commercial and Air Force provisioning methodologies. Applicable data was collected at AFLC, USAir Headquarters, ALC Ogden, and USAir Provisioning Department in Pittsburgh. This data was analyzed and significant operational events in the Air Force and commercial provisioning cycles were identified and combined with data elements to construct Event Matrices. These matrices were then integrated through the identification of functionally equivalent events and common data into a unified Provisioning Matrix.</p> <p>The Provisioning Matrix provides schematic representation of the correlations and/or differences between Air Force and commercial methods. World Airline Suppliers' Guide data types were applied to data elements to support their organization into five sets of operationally equivalent data. Matrix elements were represented by codes in order to indicate how the data element is applicable to event performance.</p> | | | |
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Block 19. Abstract (Continued)

Nine of the Provisioning Matrix events were determined to be unique to the Air Force while Buy-Back, a procedure where under certain conditions the manufacturer buys surplus items back from the company, represents the single unique commercial event.

Correlations and/or differences between the two provisioning methodologies have been specified.

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EXECUTIVE SUMMARY

The principal objective of the first study phase was to define the correlation and/or difference between the commercial provisioning and Air Force provisioning methodologies. Data was collected at Headquarters Air Force Logistics Command, USAir Corporate Headquarters, the Ogden Air Logistics Center, and at the USAir Provisioning Department in Pittsburgh. The World Airline Suppliers' Guide and Air Transport Association documents were reviewed and analyzed to determine their impact on Air Force provisioning policy and procedures. Significant operational events in the Air Force and commercial provisioning methods were then identified and combined with data elements to construct Event Matrices. The Air Force and commercial Event Matrices have been integrated through the identification of functionally equivalent events and common data into a single unified Provisioning Matrix.

The Provisioning Matrix comprehensively provided schematic representations of the correlations and/or differences between the Air Force and the commercial provisioning methodologies. World Airline Suppliers' Guide data types were applied to Provisioning Matrix data elements to support their organization into five sets of operationally equivalent data. Provisioning Matrix elements were represented by 14 designation codes according to manufacturer and/or buyer event requirements. The appearance of a code within an event indicates that the data element is applicable to the event's performance. Provisioning Matrix event data input determined to result in the generation or modification of data during event performance was denoted by subscript convention.

Nine of the 29 Provisioning Matrix events were determined to be unique to Air Force provisioning while Buy-Back represented the single unique commercial event. Data elements contained in MIL-STD-1552A and the Air Force Addendum were determined to be totally inapplicable to 18 Air Force provisioning events. Fifty percent of the 123 Provisioning Matrix data elements were determined to be unique within Air Force and the commercial provisioning methodologies. Unique manufacturer data was identified and quantified in support of the resolution of differences between Air Force and commercial provisioning. Correlations and/or differences between the two provisioning methodologies have been specified with particular emphasis placed on those events and data representing significant policy and procedural differences.

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I. INTRODUCTION

1. Objectives

a. Under the direction of the Air Force Business Research Management Center (AFBRMC), WESTEC Services, Inc., and USAir are conducting a joint study to provide a new approach to Air Force provisioning. The WESTEC/USAir approach is based on the examination and evaluation of provisioning methods used by the Air Force and commercial aviation. The possibility of applying commercial techniques in the military environment is investigated through correlation of provisioning techniques used in the Air Force and in the commercial world. Toward this end, the New Approach to Air Force Provisioning study is broadly organized into two separate phases. Phase one concerns the construction of Event Matrices for the Air Force and commercial aviation. Event Matrices were integrated into a Provisioning Matrix to show the correlation and/or difference between commercial and Air Force provisioning methodologies. In the second study phase a decision-tree analysis will be applied to the Provisioning Matrix in order to determine the most cost-effective method of provisioning selected end items.

b. This report marks the conclusion of the first study phase. The methods, techniques and procedures employed in the performance of each study activity are defined herein. The similarities, differences, advantages and disadvantages of the Air Force and the commercial provisioning methodologies are presented according to Provisioning Matrix specification. The Provisioning Matrix is provided as Appendix E report Section V.

II. METHODS AND APPROACH

1. Guidance Conference

a. In accordance with the proposed technical approach, the AFBRMC Guidance Conference properly oriented the study team regarding available sources and types of Air Force provisioning documentation. The need for the study team to visit candidate Air Logistics Centers (ALCs) was examined and Ogden (OO-ALC) ALC was selected as manager of one of the five end item study equipments (Simulators) and included the D220 development activity.

2. Data Collection

a. A data collection activity was performed at Hq AFLC and OO-ALC. Available documentation was reviewed and selectively acquired for each of the policy and procedural items referenced in the statement of work as follows: Defense Acquisition Regulations, Basic Ordering Agreements, Spares Integrated with Production, Spares Pricing, D220 Provisioning System, Cataloging, Initial Spares Requirements, and the J041 Due-in Asset System.

b. The commercial data collection activity was performed at USAir Corporate Headquarters at National Airport and at the USAir Provisioning Department in Pittsburgh. A complete set of ATA specifications was obtained from the USAir facility at National Airport. USAir Material Services Control System specifications including detailed ATA Specification Number 200, data dictionaries, and user procedures and guidelines were collected for the Initial Provisioning, Procurement, Control and Cross Reference, and Cash-Flow/Investment subsystems.

3. Provisioning Cycle Milestones/Data Elements

a. Completion of the first three major activities, i.e., Guidance Conference, Data Identification and Data Collection, provided the background required to initiate Event Matrix construction. The Air Force provisioning cycle presented in the technical proposal was expanded in accordance with Air Force guidance to include 28 separately identified provisioning events. The 14 event commercial cycle was refined and augmented for a final total of 19 events.

b. Forms, reports, automated systems, and other collected Air Force and commercial documentation associated with event performance were examined to identify event data requirements. In conjunction with Air Force direction a candidate list of Air Force elements was restricted to data elements identified in MIL-STD-1552A and the Addendum to the Provisioning Requirements Statement. Similarly, collected commercial data was drawn from the World Airline Suppliers' Guide and ATA documentation to conform with Air Force data selection.

c. Following event specification and data element selection, the Air Force and commercial provisioning events were combined with their respective data requirements to construct provisioning Event Matrices. The resultant dimensions differed according to the number of events and data elements associated with the respective provisioning method. Each Event Matrix element was coded according to its manufacturer and/or buyer requirements status. Data produced by the buyer exclusively for internal use was designated by code "B", buyer data produced for the manufacturer was termed Buyer/Manufacturer data and designed "BM". Manufacturer data produced for the buyer was designated "MB" while internal manufacturers data was not included in the study data collection effort (see Table 7). The absence of a designation code for a data element within any given event was adjusted to indicate the condition that the data element was inapplicable to event performance. The presence of an element designation within an event represented event applicability including data production or modification. The original appearance of an element in an event indicated initial data production or generation. The input information identified to support event data output or modification was denoted by subscript according to the following nomenclature:

d. Let E_0 denote the comprehensive $m \times 1$ array containing every data element identified in the provisioning cycle, i.e., Air Force array dimension 86×1 and commercial dimension 69×1 . Denote the ordered sequence of event arrays by:

$$E_1, E_2, \dots, E_n$$

where n equals 28 for the Air Force Event Matrix and 19 for the commercial Event Matrix. Event data element input, generation and modification for Air Force event E_i is designated as follows:

Input data Elements $X(i-k)p$, $X(i-k)p+1$, . . . , $X(i-k)p+s$ from Event E_{i-k} where $1 \leq k < i$, $1 < p+s \leq 86$ and X represented one member of the designation code set MB, B, or BM .

4. Provisioning Matrix Construction

a. Data Element Integration — The Air Force and the commercial Event Matrices provided the basis for Provisioning Matrix construction. The first step of the construction process involved the integration of the comprehensive Air Force and commercial data arrays, i.e., the respective 86×1 and 69×1 E_0 arrays. Results achieved by the Provisioning Initiative Activity (PIA) "mock" provisioning effort were extended from MIL-STD-1552 to incorporate MIL-STD-1552A, the Addendum and updated ATA provisioning documentation. Air Force data elements were related with commercial elements in accordance with the following correspondence criteria. Data elements from the two provisioning methods with identical field lengths incorporating the content of the other method was assigned a compatible classification. Elements from the two provisioning methods containing operationally related data analytically determined to be potentially compatible following minor conversion or revision were termed similar. The data set defying the conditions of the compatibility and/or similarity relations were classified unique. In this fashion the entire E_0 Air Force and commercial provisioning data sets were compared to establish the identification of common, i.e., compatible and similar, and unique provisioning data.

b. Provisioning Event Integration — Based on the results of Event Matrix data element integration, each of the events contained in the Air Force and commercial Event Matrices were compared to identify potentially equivalent events. The event equivalence relation was defined by the commonality, i.e., compatibility and similarity, of respective event data sets and the functional compatibility of event specification from the alternative provisioning methods.

c. Data Element Type — World Airline Suppliers' Guide data classifications were used to partition Provisioning Matrix data into five sets of operationally equivalent data. Each data type represented a broad conceptual category within the provisioning process, i.e., Control, Application, Technical, Procurement, and Administrative. Organization of Provisioning Matrix within data type was intended to enhance

matrix analysis through the minimization of comparison and contrasts between operationally unrelated data.

d. Element Designation — The designation code set used to indicate manufacturer and/or buyer data requirements status in the Event Matrices, i.e., B, BM, or MB, was expanded to accommodate the increased representational requirements of the Provisioning Matrix. As common or unique data moved across the matrix event set the designation of a particular data element may vary, i.e., the same data may be used differently in the separate methods. Hence, data produced by the buyer exclusively for their internal use in Air Force provisioning (designation B) may be required by the commercial manufacturer (BM data). These distinctions are identified by the following set of 14 Provisioning Matrix data element designation codes; MB/MB, MB/BM, MB/, /MB, MBX, XMB, BM/BM, BM/MB, BM/, /BM, BMX, XBM, B/ and BX (see Table 7). The Air Force element designation is positioned to the left (on top in the matrix specification) while commercial designation is on the right (bottom). An "X" code represents a void in the positionally indicated provisioning method, i.e., XMB denotes the absence of common data in a particular Air Force (left/top) event with commercial data from the manufacturer to the buyer applicable to the commercial event (right/bottom). Notice that the slash notation is used in conjunction with a blank to denote the availability of a common data element for a particular event which is not exercised in the indicated provisioning method, e.g., MB/ indicates a commonly available but unapplied commercial data element.

e. Data Element Dependence — Provisioning Matrix event data input resulting in output data generation or data modification within successive events was identified through subscripting. Subscripts were tabulated separately from the Provisioning Matrix in order to simplify its presentation and enhance the analysis of consolidated data dependencies.

f. Matrix Analysis — Completion of the Provisioning Matrix provided an efficient vehicle for the analysis of Air Force and commercial provisioning methodologies down to the level of their individual data requirements. Data, data flow, and events were compared and contrasted to identify those processes common and unique to each method. The data flow between the manufacturer and the buyer has been correlated to the functionally equivalent and unique events within the combined provisioning

cycle. Elements and events in the Air Force cycle which do not exist in commercial aviation have been identified and assessed according to their need and importance, i.e., advantage, to Air Force provisioning. Data elements and events unique to the commercial cycle have been identified and their potential contribution to Air Force provisioning has been investigated. In this manner the similarities, differences, advantages and disadvantages of the two provisioning methods are concisely presented.

III. PROVISIONING DATA PRESENTATION

1. Surveyed Activities

a. Table 1 lists surveyed Air Force and commercial organizational activities together with the documentation and data obtained at each activity.

Table 1

SURVEYED ACTIVITY - HQ AFLC

| Organization/Personnel | Collected Documentation |
|--|---|
| Provisioning Policy and Procedures Division | |
| Provisioning Policy Section/Specialists | Addendum to the Provisioning Requirements State- ment Initial Requirements Determination - AFLC 57-27 Overview Briefing Document - SAIP Overview Briefing Document Interview/Observation Notes - D220 System Provisioning Initiative Activity - ATA 200 Report Provisioning Policies and Procedures - AFLC 65-5 Source, Maintenance and Recoverability coding of A.F. Weapons, Systems, and Equipments - TO 00-25- 195 Supply Support Request - AFLC 67-8 Uniform DoD Provisioning Procedures - MIL-STD- 1561A Uniform DoD Requirements for Provisioning Techni- cal Documentation - MIL-STD-1552A |
| Data Management Section/Analyst | AFLC Provisioning System (D220) User's Manual - AFLC 65-33 |
| Cataloging and Standardization Division/Specialist | Cataloging and Standardization - AFLC 72-2 |

Table 1 (Continued)
SURVEYED ACTIVITY - OO ALC

| Organization/Personnel | Collected Documentation |
|--|--|
| Item Management Division | |
| Provisioning Section/ Provisioning Specialist | <p>AFIT The Language of Systems and Logistics Management</p> <p>Data Call Checklist</p> <p>Interviews/Observation Notes</p> <p>Provisioning Guidance Conference Agenda and Hand-outs</p> <p>Provisioning of End Items of Material - DoD Directive 4140.40</p> <p>Provisioning Section Organizational and Briefing Package</p> <p>Provisioning Section Workload Measurement Data</p> <p>Screening Documents Examples</p> <p>Student Study Guide/Workbook - D220</p> <p>Support Equipment Acquisition Management - Draft AFLC 800-5</p> <p>Systems Acquisition Briefing Material</p> |
| Provisioning Specialist-Cataloging/RS | Briefing Package Notes |
| Provisioning Specialist-SSR | SSR Unit Overview Briefing Package/Notes |

Table 1 (Continued)

SURVEYED ACTIVITY - OO ALC (Continued)

| Organization/Personnel | Collected Documentation |
|---|---|
| Training Devices System Management Division | |
| Engineering Section/ Equipment Specialist | Technical Review Information Briefing Package/ Notes |
| | Technical Review Line Item Data Analysis Edit Cri- teria |
| Investment/Replacement Section/ Equipment Specialist | Requirements Computation Student Workbook/Study Guide - D062 EQQ |
| | Requirements Determination Computation Work- sheets/Data |
| Resource Management Division | |
| System Development Section/System Analyst | Data Element Dictionary - D220 |
| | Interviews/Observation Notes |
| | Listing of Data Automation Requirements (DARs) |
| | Representative Sample Reports - D220 |

Table 1 (Continued)

SURVEYED ACTIVITY - USAir Headquarters

| Organization/Personnel | Collected Documentation |
|--------------------------------|--|
| Headquarters, Washington DC | |
| Interline Support Manager | <p>World Airline Supplier's Guide</p> <p>Specification for Manufacturers' Technical Data - A.T.A. Specification No. 100</p> <p>Specification for Ground Equipment Technical Data - A.T.A. Specification No. 101</p> <p>Specification for Computer Software Manual - A.T.A. Specification No. 102</p> <p>Specification Integrated Data Processing Supply - A.T.A. Specification No. 200</p> <p>Specification for Packaging of Airline Supplies - A.T.A. Specification No. 300</p> <p>Airline Inventory Redistribution System - A.T.A. Specification No. 400</p> |

Table 1 (Continued)

SURVEYED ACTIVITY - USAir Provisioning

| Organization/Personnel | Collected Documentation |
|---|---|
| Provisioning Department Pittsburgh, PA | |
| Director Aircraft Provisioning | System Manual - USAir Initial Provisioning Subsystem Data Dictionary - USAir Initial Provisioning Subsystem Program Specifications - USAir Initial Provisioning Subsystem System Manual - USAir Procurement Data Subsystem System Manual - USAir Control Cross-Reference Subsystem System Manual - USAir Cash Flow/Investment Subsystem Spare Parts General Terms Agreement |

2. Event Status

a. Events selected for the specification of the Air Force provisioning cycle are contained in Table 2. Candidate events are listed and numbered in the first tabular column. Guidance provided by the Air Force supported the transition from candidate to the 28 final events in the second column. Candidate events deleted or consolidated are presented to explicitly depict the selection process. The null event status was assigned to candidate events determined to be operationally independent of Air Force provisioning data, i.e., data identified in MIL-STD-1552A and the Addendum to the Provisioning Requirements Statement.

Table 2

PROVISIONING EVENT STATUS
Air Force

| Number | | Event Name | Delete | Event Status | | |
|---------|-------|--|--------|--------------|-------------|--------|
| Initial | Final | | | Null | Consolidate | Retain |
| 001 | | Production Decision | | X | | |
| 002 | | Maintenance Concept | | X | | |
| 003 | | Provisioning Strategy | | X | | |
| 004 | | Provisioning Method | | X | | |
| 005 | 001 | Documentation Requirements | | | X | X |
| 006 | 001 | Data Call | | | X | |
| 007 | 001 | PTD Data Selection | | | X | |
| 008 | 001 | Provisioning Requirements Statement - PRS | | | X | |
| 009 | 001 | CDRL/DIDs | | | X | |
| 010 | | PR/MIPR | | X | | |
| 011 | | Programming Checklist | | X | | |
| 012 | | RFP/RFQ | | X | | |
| 013 | | Preproposal Conference | | X | | |
| 014 | | Provisioning Performance Schedule - PPS | | X | | |
| 015 | 002 | Contract Award | | | | X |
| 016 | 003 | Guidance Conference | | | | X |
| 017 | | Provisioning Operational Plan - POP | | X | X | |
| 018 | | Milestones | | | X | |
| 019 | | Contract/End Article Data | | | X | |
| 020 | | Program Data | | | X | |
| 021 | | PCCN Master | | | X | |

Table 2

**PROVISIONING EVENT STATUS
Air Force (Continued)**

| Number Initial | Final | Event Name | Delete | Event Status | | |
|-------------------|-------|---|--------|--------------|-------------|--------|
| | | | | Null | Consolidate | Retain |
| 022 | | Activity Address Table | X | | | |
| 023 | | Processing Management and Control | X | | | |
| 024 | 001 | PRS Revision/Contract Modification | | | X | |
| 025 | 004 | Interim Release LLIL | | | | X |
| 026 | 005 | Recommended Items LLIL | | | | X |
| 027 | 006 | Screening | | | | X |
| 028 | | DLA Screening | X | | | |
| 029 | 007 | Interchangeability and Substitution | | | | X |
| 030 | 008 | Spares Acquisition Integrated with Production | | | | X |
| 031 | | Incremental Submissions | X | | | |
| 032 | 009 | Provisioning Parts List PPL/GAPL | | | X | X |
| 033 | 010 | Supplemental Provisioning Technical Documentation | | | | X |
| 034 | 009 | Common and Bulk Item List - CBIL | | | X | |
| 035 | 009 | Repairable Item List - RIL | | | X | |
| 036 | | Interim Support Item List - ISIL | X | | | |
| 037 | 009 | Statement of Prior Submission | | | X | |
| 038 | 009 | Other Technical Data | | | X | |
| 039 | | PTD Management and Control | X | | | |

Table 2

PROVISIONING EVENT STATUS
Air Force (Continued)

| Number Initial | Number Final | Event Name | Delete | Event Status | | |
|-------------------|-----------------|--|--------|--------------|-------------|--------|
| | | | | Null | Consolidate | Retain |
| 040 | | SPTD Management and Control | X | | | |
| 041 | | PTD File Construct | X | | | |
| 042 | | Suspense Management | | X | | |
| 043 | 011 | Provisioning Conference | | | X | X |
| 044 | 011 | Technical Review | | | X | |
| 045 | 011 | SMR Code | | | X | |
| 046 | 011 | Failure, Maintenance, Condemnation Factors | | | X | |
| 047 | 011 | Essentiality Code | | | X | |
| 048 | 011 | Demilitarization Code | | | X | |
| 049 | 011 | MMAC, IMC, MOE | | | X | |
| 050 | | Design Change Management and Control | X | | | |
| 051 | | D220 DCN Maintenance | X | | | |
| 052 | 012 | Item Cost/Price Review | | | | X |
| 053 | 011 | Recoverable Item Break-down - RIB | | | X | |
| 054 | | D220 Maintenance Transactions | X | | | |
| 055 | | Processing Management and Control | X | | | |
| 056 | | Lateral ALC Management and Control | X | | | |
| 057 | 011 | FSC Validation | | | X | |
| 058 | 013 | NC/ND Number Assignment | | | X | X |

Table 2

PROVISIONING EVENT STATUS
Air Force (Continued)

| Number | | Event Name | Delete | Event Status | | |
|---------|-------|--|--------|--------------|-------------|--------|
| Initial | Final | | | Null | Consolidate | Retain |
| 059 | 013 | NC/ND Management and Control | | X | | |
| 060 | 014 | Initial Spares Support | | | | X |
| 061 | 015 | Support Equipment Recommendation Data - SERD | | | | X |
| 062 | 016 | Design Change Notice | | | | X |
| 063 | 017 | Post Conference List-PCL | | | | X |
| 064 | | Processing Management and Control | X | | | |
| 065 | | PPL Update | X | | | |
| 066 | 011 | MOS Code | | | X | |
| 067 | 018 | Requirements Determination - Expense | | | X | X |
| 068 | 018 | Requirements Determination - Investment | | | X | |
| 069 | 018 | Requirements Determination - SE | | | X | |
| 070 | 018 | Delivery Schedule | | | X | |
| 071 | | D220 Maintenance Transactions | X | | | |
| 072 | | Processing Management and Control | X | | | |
| 073 | 019 | Cataloging | | | | X |
| 074 | 007 | Standardization | | | X | |
| 075 | 007 | Interchangeability and Substitution | | | X | |
| 076 | | Lateral ALC Management and Control | X | | | |

Table 2

**PROVISIONING EVENT STATUS
Air Force (Continued)**

| Number | | Event Name | Delete | Event Status | | |
|---------|-------|---|--------|--------------|-------------|--------|
| Initial | Final | | | Null | Consolidate | Retain |
| 077 | | D220 Maintenance Transactions | X | | | |
| 078 | 020 | Supply Support Request - SSR | | | X | X |
| 079 | | D220 Maintenance Transactions | X | | | |
| 080 | | Processing Management and Control | X | | | |
| 081 | 020 | Negative Advice Notices | | | X | |
| 082 | 021 | Contractor Notification | | | X | |
| 083 | 021 | Provisioned Item Order - PIO | | | X | X |
| 084 | | D220 Maintenance Transactions | X | | | |
| 085 | | Processing Management and Control | X | | | |
| 086 | 022 | PIO Funding Requirements - Expense | | | X | X |
| 087 | 022 | PIO Funding Requirements - Investment | | | X | |
| 088 | 022 | Funds Matching with Accounting | | | X | |
| 089 | 022 | PIO Adjustments | | | X | |
| 090 | | Delivery Schedule | X | | | |
| 091 | 023 | Packaging | | | | X |
| 092 | 021 | PIO Contract Modificaiton | | | X | |
| 093 | 021 | Final PIO | | | X | |
| 094 | 024 | Contractor Acceptance/ Rejection of Delivery Dates | | | | X |
| 095 | 025 | Spares Pricing | | | X | X |

Table 2

PROVISIONING EVENT STATUS
Air Force (Continued)

| Number | | Event Name | Delete | Event Status | | |
|---------|-------|------------------------|--------|--------------|-------------|--------|
| Initial | Final | | | Null | Consolidate | Retain |
| 096 | 025 | Negotiations | | | X | |
| 097 | 026 | PIO Release | | | | X |
| 098 | 027 | Due-In Asset | | | | X |
| 099 | | Spares Lay-In | | X | | |
| 100 | 028 | Operational Need Date | | | | X |
| 101 | | Interrogation | X | | | |
| 102 | | Microfische | | X | | |
| 103 | | History Administration | | X | | |

3. Data Element Status

a. Table 3-A presents the candidate and the selected Air Force provisioning data set. Each element is listed in conjunction with the policy, procedural or reference entity identified as potentially applicable to Provisioning Matrix construction. Under the direction of the Air Force the first study phase was restricted to data identified in MIL-STD-1552A and the Addendum to the Provisioning Requirements Statement. Each of these 86 elements fall under the final number column.

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force

| Number Initial Final | Data Element Name | Justification |
|-------------------------|---------------------------------------|---------------|
| 001 | Accelerated Provisioning | D062 |
| 002 | Acceptable Quality Level | D062 |
| 003 | Acceptable Quality Rate | D062 |
| 004 | Acquisition Advice Code | DoD 4100.39-M |
| 005 | Acquisition Management System Control | AFLCR 72-2 |
| 006 | Action Code-AC | AFLCR 65-5 |
| 007 | Action Indicator | AFLC 65-33 |
| 008 | Action Initiation Date | AF 86 |
| 009 | Action Taken Code | AFLCR 67-8 |
| 010 | Activity Code | AFLCR 67-8 |
| 011 | ADP Equipment Code | NC Number |
| 012 | Additional Reference Numbers | AFLCR 57-27 |
| 013 | Additional Skill Requirement | MIL-STD-1388 |
| 014 | Additional Training Requirements | MIL-STD-1388 |
| 015 | Address Code | AF 86 |
| 016 | Administrative Lead Time | D062 |
| 017 | AFIM | NC Number |
| 018 | ALC Code | NC Number |
| 019 | Allowance Quantity | MIL-STD-1388 |
| 020 | Allowance Source Code | D062 |
| 021 | Alternative Action Code | MIL-STD-1388 |
| 022 | Amendment Number | IM/SM |
| 023 | Annual Maintenance Man-Hours | MIL-STD-1388 |
| 024 | Annual Number of Missions | MIL-STD-1388 |
| 025 | Annual Operating Days | MIL-STD-1388 |
| 026 | Annual Operating Requirements | MIL-STD-1388 |
| 027 | Annual Rate | D062 |
| 028 | Application Essentiality Code | D062 |
| 029 | Approved Force Acquisition Objective | D062 |
| 030 | Aptitude/Qualification Test Scores | MIL-STD-1388 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|-----------------|
| Initial | Final | | |
| 031 | | Assets Used in Computation | D062 |
| 032 | | Assigned Commodity Classes | MIL-STD-965 |
| 033 | | Assignee Code | NC Number |
| 034 | | Authorization Source Code | AFLCR 57-27 |
| 035 | | Authorized Stock Level | AF 86 |
| 036 | 001 | Automatic Data Processing Code - ADPEC | Addendum |
| 037 | | Availability | MIL-STD-1388 |
| 038 | | Average Flying Hour Per Sortie | D062 |
| 039 | | Average Months Program | AFLCR 67-8 |
| 040 | | Average Month Utilization Rate | Prog. Checklist |
| 041 | 002 | Base Condemnation Percent - BCR | Addendum |
| 042 | | Base Level Self Sufficiency | AFLCR 57-27 |
| 043 | | Base Repair | Prog. Checklist |
| 044 | | Base Repair Cycle | AFLCR 57-27 |
| 045 | | Base Stock Level | AFLCR 57-27 |
| 046 | | Basis of Issue | Prog. Checklist |
| 047 | | Block Code | AFLC 65-33 |
| 048 | | Budget Code | DoD 4100.39-M |
| 049 | | Budget Program Account Code | D062 |
| 050 | | Buffer Stock | MIL-STD-1517 |
| 051 | | Buyer Designation Code | IM/SM |
| 052 | | Buying Station Code | NC Number |
| 053 | | Calendar Year | NC Number |
| 054 | | Calendar Year Quarter | AFLCR 65-5 |
| 055 | | Calibration Equipment | DI-S-3596A |
| 056 | | Capitalization Change Date | D062 |
| 057 | 003 | Card Format Identifier | MIL-STD-1552A |
| 058 | 004 | Card Sequence Number - CSN | MIL-STD-1552A |
| 059 | | Cataloging Agent | AF 86 |
| 060 | | Centralized Repair Status | Prog. Checklist |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|-----------------|
| Initial | Final | | |
| 061 | | Change Action | AFLCR 57-27 |
| 062 | 005 | Change Authority Number | MIL-STD-1552A |
| 063 | | Civilian Grade | MIL-STD-1388 |
| 064 | | Clerk Designator | AF 86 |
| 065 | | Commodity Integrated Materiel Management | AFLCR 57-27 |
| 066 | | Component Item Manager | D062 |
| 067 | | Condemnation Factor | D062 |
| 068 | | Configuration Item Identification | DI-S-3596A |
| 069 | | Contingency Retention Item | D062 |
| 070 | | Contract Control Data | Addendum |
| 071 | | Contract Line Item Number - CLIN | D220 |
| 072 | | Contract Number | MIL-STD-1552A |
| 073 | | Contract/Registry Control Number | AFLCR 67-8 |
| 074 | | Contractor Field Maintenance Status | Prog. Checklist |
| 075 | | Contractor Notification Output | AFLC 65-33 |
| 076 | | Contractor Overhaul Code | Prog. Checklist |
| 077 | | Contractor Submission Date | MIL-STD-1552A |
| 078 | 006 | Contractor Turn Around Time - CTAT | MIL-STD-1552A |
| 079 | | Contractor's Name/Address | MIL-STD-1552A |
| 080 | 007 | Control Data | MIL-STD-1552A |
| 081 | | Conversion Factor | MIL-STD-1388 |
| 082 | | Country Code | AFLC 65-33 |
| 083 | | Cross-Index | DI-S-3596A |
| 084 | | Cycle | IM/SM |
| 085 | | Data Contractor Submission | MIL-STD-1552A |
| 086 | | Data Sheet Status Code | MIL-STD-1388 |
| 087 | | Date | MIL-STD-1388 |
| 088 | | Date Document Outputted | D220 |
| 089 | 008 | Date List Submitted | MIL-STD-1552A |
| 090 | | Date of PR/MIPR Origin | IM/SM |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|---------------------------------|-----------------|
| Initial | Final | | |
| 091 | | Date of Request | AFLCR 67-8 |
| 092 | | Date Repair Parts Required | AFLCR 65-5 |
| 093 | | Days Delinquent in Cycle | IM/SM |
| 094 | | Decimal Locator | NC Number |
| 095 | | Decision Deadline Date | MIL-STD-1517 |
| 096 | | Deferred Disposal Code | D062 |
| 097 | | Definitive Reference Number | AFLCR 77-2 |
| 098 | | Delete Item Code | D062 |
| 099 | 009 | Delivery Schedule | Addendum |
| 100 | | Demand Development Period | AFLCR 57-27 |
| 101 | | Demand/In-use Inventory | AF 86 |
| 102 | | Demands Used in Computations | D062 |
| 103 | 010 | Demilitarization Code | Addendum |
| 104 | 011 | Depot Condemnation Rate - DCR | Addendum |
| 105 | | Depot Repair | Prog. Checklist |
| 106 | | Depot Repair Cycle | AFLCR 57-27 |
| 107 | | Depot Supply Level | D062 |
| 108 | | Design Change Notice | D062 |
| 109 | | Desired Delivery Date | D062 |
| 110 | | Destination | AFLCR 65-5 |
| 111 | | Development Cost | DI-S-3596A |
| 112 | | DIDS Segment Code | DI-V-7016D |
| 113 | | Differential Management Code | D062 |
| 114 | | Disposal | IM/SM |
| 115 | | Division Designator | AF 86 |
| 116 | 012 | Document Availability Code - DA | Addendum |
| 117 | | Document Identifier - D/I | Addendum |
| 118 | | Document Number | D220 |
| 119 | | Dollar Value of Annual Demand | AFLCR 57-27 |
| 120 | | Drawing Classification | MIL-STD-1388 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|-----------------|
| Initial | Final | | |
| 121 | | Drawing Number | MIL-STD-1388 |
| 122 | 013 | Drawing Status Code - DS | Addendum |
| 123 | | Duty Position Requiring a New or Revised Skill | MIL-STD-1388 |
| 124 | | Economic Order Quantity - EOQ | AFLCR 57-27 |
| 125 | | Educational Qualifications | MIL-STD-1388 |
| 126 | | Elapsed Time | MIL-STD-1388 |
| 127 | | End Article Life Expectancy | Prog. Checklist |
| 128 | | End Item Acronym or Nickname Code | MIL-STD-1388 |
| 129 | | End Item Delivery Code | DoD 4140.26-M |
| 130 | | End Item Delivery Schedule | Prog. Checklist |
| 131 | | End Item Delivery Start Date | Prog. Checklist |
| 132 | | End Item Name, Model Type | AFLC 65-33 |
| 133 | | End Item NSN, Name, Type or Model | DoD 4140.26-M |
| 134 | | End Item Operational Schedule | Prog. Checklist |
| 135 | | End Item Quantity | DoD 4140.26-M |
| 136 | | End Transmission | D220 |
| 137 | | Engine Type | Prog. Checklist |
| 138 | | Environmental Considerations | MIL-STD-1388 |
| 139 | | Equipment Functional Classification Categories | MIL-STD-864A |
| 140 | | Equipment Identification Characteristics | MIL-STD-864A |
| 141 | | Equipment Specialist Code - ESC | D220 |
| 142 | 014 | Essentiality Code - EC | MIL-STD-1552A |
| 143 | | Estimated Date First Article | DI-S-3596A |
| 144 | | Estimated Production Lead Time | DI-S-3596A |
| 145 | | Exception Reason | IM/SM |
| 146 | | Exhibit Identification Code | DAR 20-305.3 |
| 147 | 015 | Exhibit Line Item Number - ELIN | Addendum |
| 148 | | Expendability, Recoverability, Repairability Category Code - ERRC | AFLCR 77-2 |

Table 3-A

**PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)**

| Number | | Data Element Name | Justification |
|---------|-------|--|---------------|
| Initial | Final | | |
| 149 | | Expense Branch | AAT |
| 150 | 016 | Extended Remarks | Addendum |
| 151 | | Extended Unit Price | MIL-STD-1388 |
| 152 | | Facilities Design Criteria | MIL-STD-1388 |
| 153 | | Facilities Installation Leadtimes | MIL-STD-1388 |
| 154 | | Facilities Requirements | MIL-STD-1388 |
| 155 | | Facility Category Code | MIL-STD-1388 |
| 156 | | Facility Requirements | DI-S-3596A |
| 157 | | Facility Requirements Code | MIL-STD-1388 |
| 158 | | Facility Unit Cost | MIL-STD-1388 |
| 159 | | Facility Utilization | MIL-STD-1388 |
| 160 | | Fail Safe Requirements | MIL-STD-1388 |
| 161 | | Failure Effects & Criticality | MIL-STD-1388 |
| 162 | 017 | Failure Factor I | MIL-STD-1552A |
| 163 | 018 | Failure Factor II, Overhaul Replacement Percentage | MIL-STD-1552A |
| 164 | 019 | Failure Factor III, Not Repairable This Station (NRTS) | MIL-STD-1552A |
| 165 | | Failure Mode | MIL-STD-1388 |
| 166 | | Failure Symptoms | MIL-STD-1388 |
| 167 | 020 | Federal Supply Code for Manufacturers - FSCM | MIL-STD-1552A |
| 168 | | File Update Code | MIL-STD-1388 |
| 169 | | First Additional Category Code - CC | MIL-STD-1552A |
| 170 | | First Additional Format Code - FC | MIL-STD-1552A |
| 171 | | First Additional Reference FSCM | MIL-STD-1552A |
| 172 | | First Additional Reference Number | MIL-STD-1552A |
| 173 | | First Additional Reference Number - P/N | MIL-STD-1552A |
| 174 | | First Additional Reference Number Variation Code - RV | MIL-STD-1552A |
| 175 | | First Precedent Part Number | MIL-STD-1552A |
| 176 | | Forecast Award Date | IM/SM |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number Initial Final | Data Element Name | Justification |
|-------------------------|---|-----------------|
| 177 | Foreign Military Sales Code - FMS | D220 |
| 178 | Functional Analysis | DI-S-3596A |
| 179 | Functional Classification Index | MIL-STD-864A |
| 180 | Functional Group Code | MIL-STD-1388 |
| 181 | Fund Code | AF 86 |
| 182 | Gaining Fund Code | AF 86 |
| 183 | Gaining Inventory Manager - GIM | AFLCR 77-2 |
| 184 | Gaining Source of Supply | AF 86 |
| 185 | General Application Part | MIL-STD-965 |
| 186 | Height | MIL-STD-1388 |
| 187 | History Control Code | D062 |
| 188 | I&S Breakdown Freeze Code | D062 |
| 189 | I&S Stock Number | D062 |
| 190 | Identification List - IL | AFLCR 77-2 |
| 191 | IM DSP Deferred | IM/SM |
| 192 | Implied Shortage Factor | D062 |
| 193 021 | Indenture - IND | MIL-STD-1552A |
| 194 | Industrial Preparedness Program Lead Time | D062 |
| 195 | Initial Requirements Computation | AFLC 65-33 |
| 196 | Initial Spares Support Number | Prog. Checklist |
| 197 022 | Initial Supply and/or Other Support List - IS | Addendum |
| 198 | Input Transaction Code | AF 86 |
| 199 | Installation Factors | MIL-STD-1388 |
| 200 | Installation Lead Time | MIL-STD-1517 |
| 201 | Insurance Item | D062 |
| 202 | Integrated Materiel Manager - IMM | AFLCR 77-2 |
| 203 023 | Interchangeability Code - IC | MIL-STD-1552A |
| 204 | Intermediate Maintenance | Prog. Checklist |
| 205 | Inventory Code | D062 |
| 206 | Inventory Management Responsibility Code | MIL-STD-1388 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|---|-----------------|
| Initial | Final | | |
| 207 | | Investment Branch | AAT |
| 208 | | Issue Interval | Prog. Checklist |
| 209 | | Item Category Code | MIL-STD-1388 |
| 210 | | Item Essentiality Code | D062 |
| 211 | | Item Function | MIL-STD-1388 |
| 212 | | Item Identification | AFLC 65-33 |
| 213 | 024 | Item Management Code - IMC | Addendum |
| 214 | | Item Manager Activity Code | MIL-STD-1388 |
| 215 | | Item Manager Recommended Quantity | D220 |
| 216 | 025 | Item Name | MIL-STD-1552A |
| 217 | | Item Name from Cataloging Handbook | AF 86 |
| 218 | | Item Serial Number | AFLCR 67-8 |
| 219 | | Item Status Code - ISC | D220 |
| 220 | | Intermediate Maintenance Status | Prog. Checklist |
| 221 | | Job Routed | D062 |
| 222 | | Job Routed Condemnation Percent | AFLCR 57-27 |
| 223 | | Joint Management Code | D062 |
| 224 | | Justification | MIL-STD-1388 |
| 225 | | K Number | AFLCR 77-2 |
| 226 | | Kit/Set Part Number | MIL-STD-1388 |
| 227 | | Lead Service | AFLCR 77-2 |
| 228 | | Lead Time Quantity | D062 |
| 229 | | Lead Time Suffix Code | D062 |
| 230 | | Length | MIL-STD-1388 |
| 231 | | Letter Limiter | AFLC 65-33 |
| 232 | | Level of Authority | AFLCR 77-2 |
| 233 | | Level of Repair | MIL-STD-1517 |
| 234 | | Limited Application Part | MIL-STD-965 |
| 235 | | Line Item Count | D220 |
| 236 | | Line Item Record Count or Multiple Card Count | MIL-STD-1552A |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|---|---------------|
| Initial | Final | | |
| 237 | | Line Item Type | IM/SM |
| 238 | 026 | Long Reference Part Number Code - LRNC | MIL-STD-1552A |
| 239 | | Losing Inventory Manager - LIM | AFLCR 77-2 |
| 240 | | Maintainability Consideration Code | MIL-STD-1388 |
| 241 | | Maintainability Recommendations | MIL-STD-1388 |
| 242 | 027 | Maintenance Action Code - MA | MIL-STD-1552A |
| 243 | | Maintenance Concept | MIL-STD-1388 |
| 244 | | Maintenance Concept Impact | MIL-STD-1388 |
| 245 | | Maintenance Factor - MF | MIL-STD-1552A |
| 246 | | Maintenance Inventory Center Assets | D062 |
| 247 | | Maintenance Repair Level | AFLCR 57-27 |
| 248 | 028 | Maintenance Task Distribution - MTD | MIL-STD-1552A |
| 249 | 029 | Major Organizational Entity Rule Number - MOE | Addendum |
| 250 | | Management Intensity Code | D062 |
| 251 | | Manager Designator Code - MDC | D220 |
| 252 | | Managing ALC Code | AAT |
| 253 | | Man-Hours | MIL-STD-1388 |
| 254 | | Man-Hours (Maintenance) per Operating Hour | MIL-STD-1388 |
| 255 | | Man Identifier | MIL-STD-1388 |
| 256 | 030 | Manufacturer's Part Number | MIL-STD-1552A |
| 257 | | Master Repair Schedule | AFLCR 57-27 |
| 258 | | Match Count | AFLC 65-33 |
| 259 | | Match Indicator Code | MIL-STD-1388 |
| 260 | 031 | Material Management Aggregation Code - MMAC | Addendum |
| 261 | | Material Program Code | D062 |
| 262 | 032 | Maximum Allowable Operating Time - MAOT | MIL-STD-1552A |
| 263 | | Mean Absolute Deviation | D062 |
| 264 | | Mean Active Maintenance Downtime | MIL-STD-1388 |
| 265 | | Mean Mission Duration | MIL-STD-1388 |
| 266 | | Mean Time Between Demand | AFLC 65-33 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number Initial Final | Data Element Name | Justification |
|-------------------------|---|---------------|
| 267 | Mean Time Between Failure | D062 |
| 268 | Mean Time Between Overhaul | D062 |
| 269 | Mean Time Between Removal | D062 |
| 270 | Mean Time to Failure | D062 |
| 271 | Mean Time to Repair | D062 |
| 272 | Measurement Base Code | MIL-STD-1388 |
| 273 033 | Method of Support Code - MOS | Addendum |
| 274 034 | Method of Support Modifier - MM | Addendum |
| 275 | Milestones | AFLCR 70-11 |
| 276 | Military Essentiality Code | MIL-STD-1388 |
| 277 | Military Parts Control Advisory Group - MPCAG | MIL-STD-965 |
| 278 035 | Mission Item Essentiality Code - MIEC | Addendum |
| 279 | Mission Profile Change | MIL-STD-1388 |
| 280 | Model Designation and Configuration End Item | DI-S-3596A |
| 281 | Monthly Demand Rate | D062 |
| 282 036 | Multiple Card Count | Addendum |
| 283 | National Item Identification Number - NIIN | AF 86 |
| 284 | National Stock Number Justification Code - NJ | Addendum |
| 285 037 | National Stock Number - NSN | MIL-STD-1552A |
| 286 | NATO Code | AF 86 |
| 287 | NC/ND Number | AF 86 |
| 288 | New ERRC | AF 86 |
| 289 | New Item Code | D062 |
| 290 | New Suspense Date | IM/SM |
| 291 | New Unit of Issue | AF 86 |
| 292 038 | Next Higher Assembly PLISN | MIL-STD-1552A |
| 293 | Next Higher Repairable Assembly | AFLCR 57-27 |
| 294 039 | Nomenclature/Model/Type Number | MIL-STD-1552A |
| 295 | Nonconsumable Item Material Support - NIMS | DoD 4100.39-M |
| 296 | Nondefinitive Reference Number | AFLCR 77-2 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number Initial Final | Data Element Name | Justification |
|-------------------------|------------------------------------|-----------------|
| 297 | Non-Job Routed | D062 |
| 298 | Non-Job Routed Repair Percent | AFLCR 57-27 |
| 299 | Non-Job Routed Replacement Percent | AFLCR 57-27 |
| 300 | Nonstandard Part | MIL-STD-965 |
| 301 | Nonstock Fund EOQ Item | D062 |
| 302 | Not Reparable This Station - NRTS | MIL-STD-1552A |
| 303 | Number Contractor Facilities | Prog. Checklist |
| 304 | Number Engine Installations | Prog. Checklist |
| 305 | Number of CONUS Bases | Prog. Checklist |
| 306 | Number of CONUS Depots | Prog. Checklist |
| 307 | Number of Copies | AFLC 65-33 |
| 308 | Number of End Articles Assigned | Prog. Checklist |
| 309 | Number of Installations | Prog. Checklist |
| 310 | Number of Men per Task | MIL-STD-1388 |
| 311 | Number of Months in Delivery Cycle | AFLCR 65-5 |
| 312 | Number of Overseas Bases | Prog. Checklist |
| 313 | Number of Overseas Depots | Prog. Checklist |
| 314 | Number of Systems Supported | MIL-STD-1388 |
| 315 | Number Spare Engines | Prog. Checklist |
| 316 | Numerical Stockage Objective | D062 |
| 317 | Obsolete Asset Code | D062 |
| 318 | Obsolete Item | IM/SM |
| 319 | Office Address Symbol | AFLCR 67-8 |
| 320 | Office of Primary Responsibility | AFLCR 57-72 |
| 321 | Old Unit of Issue code | DoD 4100.39-M |
| 322 | Operability Code | MIL-STD-1388 |
| 323 | Operating/Repairable Type Item | MIL-STD-1517 |
| 324 | Operational Need Date | Prog. Checklist |
| 325 | Operational Schedule | Prog. Checklist |
| 326 | Order and Shipping Time | D062 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|---|-----------------|
| Initial | Final | | |
| 327 | | Organization Maintenance Status | Prog. Checklist |
| 328 | | Organizational or Intermediate Maintenance Status | AFLCR 57-27 |
| 329 | | Organizational Requirements | DI-S-3596A |
| 330 | | Output Date Request Code | DI-V-7016D |
| 331 | 040 | Overhaul Quantity | MIL-STD-1552A |
| 332 | | Overhaul Replacement Percent - O/H | MIL-STD-1552A |
| 333 | | Overhaul Status | Prog. Checklist |
| 334 | | Package Sequence Number | NC Number |
| 335 | | Packaging Requirements Code | MIL-STD-1388 |
| 336 | | Page Number - PG | MIL-STD-1552A |
| 337 | | Part of | AF 86 |
| 338 | | Part Number | D062 |
| 339 | | Part Preference Code | D062 |
| 340 | | Parts Control Board | MIL-STD-965 |
| 341 | | Pay Grade, Uniformed Services | MIL-STD-1388 |
| 342 | | Peak Month Program | AFLCR 67-8 |
| 343 | | Percent End Items East | DoD 4140.26-M |
| 344 | | Percentage of Failure Rate | MIL-STD-1388 |
| 345 | | Permanent System Control Number | AFLC 65-33 |
| 346 | 041 | Phased Provisioning Code - PPC | MIL-STD-1552A |
| 347 | | Physical & Mental Requirements | MIL-STD-1388 |
| 348 | | Physical/Performance Characteristics | AF 86 |
| 349 | 042 | Physical Security/Pilferage Code PS | MIL-STD-1552A |
| 350 | | Pilot Rework/Overhaul Candidate | MIL-STD-1388 |
| 351 | | PIO Control Number | D220 |
| 352 | | PIO Number | AFLC 65-33 |
| 353 | | PIO Output Media | AFLC 65-33 |
| 354 | | PIO Preparation Method | AFLC 65-33 |
| 355 | | PLISN/TOCC Format | AFLC 65-33 |
| 356 | | Plus Program Asset Data Code | MIL-STD-1388 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|---|---------------|
| Initial | Final | | |
| 357 | | PMSC Suffix Code | AF 86 |
| 358 | 043 | Precious Metal Indicator Code | Addendum |
| 359 | | Prescreening Code | AFLCR 65-5 |
| 360 | | Prime ALC and Provisioning Office Symbol | D220 |
| 361 | 044 | Prime FSCM | MIL-STD-1552A |
| 362 | 045 | Prime Inventory Control Activity - PICA | Addendum |
| 363 | | Print Sequence Card | AFLC 65-33 |
| 364 | 046 | Prior Item PLISN - PPLISN | MIL-STD-1552A |
| 365 | | Priority | IM/SM |
| 366 | | Priority Indicator Code | DI-V-7016D |
| 367 | | PR/MIPR Quantity | IM/SM |
| 368 | 047 | Procurement Control Identifier - PCI | MIL-STD-1552A |
| 369 | 048 | Procurement Instrument Identification Number - PIIN | MIL-STD-1552A |
| 370 | | Procurement Method Code | DoD 4140.26-M |
| 371 | | Procurement Method Suffix Code | AFLCR 77-2 |
| 372 | | Procurement Source Code | D062 |
| 373 | | Product Code | AFLC 65-33 |
| 374 | | Product Control Number - PCN | AFLCM 171-38 |
| 375 | | Product Number | D062 |
| 376 | 049 | Production Lead Time - PLT | MIL-STD-1552A |
| 377 | 050 | Program Parts Selection List Code - PPSL | MIL-STD-1552A |
| 378 | | Programmed Annual Rate | D062 |
| 379 | | Programmed Monthly Demand Rate | D062 |
| 380 | | Programming Checklist Date | AFLC 65-33 |
| 381 | | Proposed Source | DI-S-3596A |
| 382 | 051 | Prorated from ELIN - PELIN | Addendum |
| 383 | 052 | Prorated Quantity | Addendum |
| 384 | | Prorated to Variable/Special Provisioning Process | MIL-STD-1552A |
| 385 | 053 | Provisioning Contract Control Number | Addendum |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number Initial Final | Data Element Name | Justification |
|-------------------------|--|-----------------|
| 386 | Provisioning Control Code - PCC | DoD 4140.26-M |
| 387 | Provisioning List Category Code | MIL-STD-1552A |
| 388 054 | Provisioning List Item Sequence Number - PLISN | MIL-STD-1552A |
| 389 | Provisioning Milestones | D220 |
| 390 | Provisioning Operational Plan - POP | D220 |
| 391 | Provisioning Technical Documentation - PTD | MIL-STD-1552A |
| 392 | Provisioning Specialist Code | D220 |
| 393 | Qualitative Maintainability Requirements | MIL-STD-1388 |
| 394 | Quantitative Expression | NC Number |
| 395 | Quantity Contingency | MIL-STD-1388 |
| 396 | Quantity for Mobilization Requirements | Prog. Checklist |
| 397 | Quantity for Organization Requirements | Prog. Checklist |
| 398 | Quantity for Replenishment Requirements | Prog. Checklist |
| 399 | Quantity on Hand | AF 86 |
| 400 | Quantity on Order | AF 86 |
| 401 055 | Quantity Per Assembly - QPA | MIL-STD-1552A |
| 402 056 | Quantity Per End Item - QPEI | MIL-STD-1552A |
| 403 | Quantity per Kit/Set | MIL-STD-1388 |
| 404 | Quantity per Task | MIL-STD-1388 |
| 405 057 | Quantity Procured - QTY-PRO | MIL-STD-1552A |
| 406 058 | Quantity Shipped - QTY-SHP | MIL-STD-1552A |
| 407 | Quantity to be Attrited | Prog. Checklist |
| 408 | Quantity to be Supported | Prog. Checklist |
| 409 059 | Quantity Unit Pack - QUP | MIL-STD-1552A |
| 410 | Radioactive Code | AF 86 |
| 411 | Reason Code | AF 86 |
| 412 | Receiving ALC and Provisioning Symbol | MIL-STD-1552A |
| 413 | Receiving Organization | AFLC 65-33 |
| 414 | Recommended Solution | DI-S-3596A |
| 415 060 | Reference Designation | MIL-STD-1552A |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|---------------|
| Initial | Final | | |
| 416 | 061 | Reference Designation Code - RDC | MIL-STD-1552A |
| 417 | 062 | Reference Designation Overflow Code - RDOC | MIL-STD-1552A |
| 418 | 063 | Reference Number Category Code - RNCC | MIL-STD-1552A |
| 419 | | Reference Number Format Code - FC | MIL-STD-1552A |
| 420 | 064 | Reference Number Justification Code - RNJC | MIL-STD-1552A |
| 421 | 065 | Reference Number Variation Code - RV | Addendum |
| 422 | | Registry Control Number | AFLCR 57-27 |
| 423 | 066 | Remarks | MIL-STD-1552A |
| 424 | | Reorder Level | D062 |
| 425 | | Repair Time | MIL-STD-1388 |
| 426 | | Repair Turnaround Time | MIL-STD-1388 |
| 427 | 067 | Replaced or Superseding PLISN - R/S PLISN | MIL-STD-1552A |
| 428 | | Replenishment Quantity | AFLCR 67-8 |
| 429 | | Requestors Code | AFLC 65-33 |
| 430 | | Required Availability Date | D062 |
| 431 | | Requirement or Quantity Authorized | AF 86 |
| 432 | 068 | Requisition Number | Addendum |
| 433 | | Resident Integrated Logistics Support Activity | AFLC 65-33 |
| 434 | | Responsible Agency | DI-S-3596A |
| 435 | | Retail Quality | AFLCR 67-8 |
| 436 | | Retention Level | D062 |
| 437 | | Retention Level Factor | D062 |
| 438 | | Revision Code | MIL-STD-1388 |
| 439 | | Revision Number | MIL-STD-1517 |
| 440 | | Safety Hazard Level Code | MIL-STD-1388 |
| 441 | | Safety Level | D062 |
| 442 | 069 | Same as PLISN-SPLISN | MIL-STD-1552A |
| 443 | | Second Additional Category Code - CC | MIL-STD-1552A |
| 444 | | Second Additional Format Code - FC | MIL-STD-1552A |
| 445 | | Second Additional Reference FSCM | MIL-STD-1552A |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|-----------------|
| Initial | Final | | |
| 446 | | Second Additional Reference Number | MIL-STD-1552A |
| 447 | | Second Precedent Category Code - CC | MIL-STD-1552A |
| 448 | | Second Precedent Format Code - FC | MIL-STD-1552A |
| 449 | | Second Precedent Reference FSCM | MIL-STD-1552A |
| 450 | | Second Precedent Reference Number | MIL-STD-1552A |
| 451 | | Second Precedent Reference Number P/N | MIL-STD-1552A |
| 452 | | Second Precedent Reference Number Variation Code - RV | MIL-STD-1552A |
| 453 | | Secondary Inventory Control Activity | AFLCR 77-2 |
| 454 | | Security Classification Group | MIL-STD-1388 |
| 455 | | Security Classification or Pilferage Code | MIL-STD-1388 |
| 456 | | Sequence Line Number | MIL-STD-1388 |
| 457 | | Sequential Task Description | MIL-STD-1388 |
| 458 | | Serial Number | NC Number |
| 459 | 070 | Serial Number Effectivity From | MIL-STD-1552A |
| 460 | 071 | Serial Number Effectivity To | MIL-STD-1552A |
| 461 | | Service Designator Code | MIL-STD-1388 |
| 462 | | Service Item Control Center | AFLCR 77-2 |
| 463 | | Service Life | MIL-STD-1517 |
| 464 | 072 | Shelf Life Code - SL | MIL-STD-1552A |
| 465 | | Single/Multiple Output Code | DI-V-7016D |
| 466 | | Skill Level Code | MIL-STD-1388 |
| 467 | | Skill Specialty Code | MIL-STD-1388 |
| 468 | | Skill Specialty Evaluation Code | MIL-STD-1388 |
| 469 | | SM/EAIM/ALC Provisioning Office | AFLC 65-33 |
| 470 | 073 | Source Maintenance Recoverability Code - SMR | MIL-STD-1552A |
| 471 | | Source of Supply Code | DoD 4100.39-M |
| 472 | | Source of Supply Modifier | AFLCR 77-2 |
| 473 | | Source Reference Code | D062 |
| 474 | | Spare Major Component Requirement | Prog. Checklist |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|---------------|
| Initial | Final | | |
| 475 | 074 | Special Handling Code | MIL-STD-1552A |
| 476 | 075 | Special Item Code - SI | Addendum |
| 477 | | Special Maintenance Category Code | MIL-STD-1552A |
| 478 | | Special Material Content Code | MIL-STD-1552A |
| 479 | | Specification Range or Specific Value of Readout(s) | MIL-STD-1388 |
| 480 | | Specification Tolerance(s) of Readout(s) | MIL-STD-1388 |
| 481 | | Specification Type of Readout(s) | MIL-STD-1388 |
| 482 | | Standard Part | MIL-STD-965 |
| 483 | | Standard Price | AF 86 |
| 484 | | Statistical Indicator Code | DI-V-7016D |
| 485 | | Stock Fund EOQ Item | D062 |
| 486 | | Stock Record Account Record - SRAN | AFLCR 65-5 |
| 487 | | Subcontract Line Item Number | D220 |
| 488 | | Subgroup Code | D062 |
| 489 | 076 | Submission Control Code - SCC | MIL-STD-1552A |
| 490 | | Submitter's Control Number | DI-V-7016D |
| 491 | | Subpage Number | D220 |
| 492 | 077 | Substitute MMAC | Addendum |
| 493 | 078 | Substitute National Stock Number | Addendum |
| 494 | | Suffix Code | AFLC 65-33 |
| 495 | | Supplemental PIIN-SPIIN | MIL-STD-1552A |
| 496 | | Supply Management Grouping Code | AF 86 |
| 497 | | Support and Test Equipment or Training Material Characteristics | MIL-STD-1388 |
| 498 | | Support and Test Equipment or Training Material Description & Function | MIL-STD-1388 |
| 499 | | Support and Test Equipment or Training Material Unit Cost | MIL-STD-1388 |
| 500 | | Support and Test Equipment Requirements Code | MIL-STD-1388 |
| 501 | | Suspended Item | D062 |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--------------------------------------|-----------------|
| Initial | Final | | |
| 502 | | Suspense (days) | AFLC 65-33 |
| 503 | | System/End Item Manager | D220 |
| 504 | | System Support Manager | NC Number |
| 505 | | Table of Allowance Numbers | AF 86 |
| 506 | | Tape Indicator | AFLC 65-33 |
| 507 | | Task Code | MIL-STD-1388 |
| 508 | | Task Frequency | MIL-STD-1388 |
| 509 | | Task Function Code | MIL-STD-1388 |
| 510 | | Task Identification | MIL-STD-1388 |
| 511 | | Task Interval Code | MIL-STD-1388 |
| 512 | | Task Sequence Code | MIL-STD-1388 |
| 513 | | Task Sequence Suffix Code | MIL-STD-1388 |
| 514 | | Technical Data Justification Code | DoD 4140.26-M |
| 515 | | Technical Order Item Manager | AFLCR 77-2 |
| 516 | | Technical Review Required | AFLC 65-33 |
| 517 | | Termination Level | D062 |
| 518 | | Test Sites | Prog. Checklist |
| 519 | | Time Between Overhauls | Prog. Checklist |
| 520 | | Tool Requirement Code | MIL-STD-1388 |
| 521 | | Total Annual Demand | AFLCR 57-27 |
| 522 | | Total Due In Assets | D062 |
| 523 | | Total Elapsed Task Time | MIL-STD-1388 |
| 524 | 079 | Total Item Changes | MIL-STD-1552A |
| 525 | | Total Operational Hours | Prog. Checklist |
| 526 | 080 | Total Quantity Recommended - QTY-REC | MIL-STD-1552A |
| 527 | | Training Material Requirement Code | MIL-STD-1388 |
| 528 | | TRC Spares Required | Prog. Checklist |
| 529 | | Type Computation Code | D062 |
| 530 | 081 | Type of Change Code - TOCC | Addendum |
| 531 | | Type of Construction | MIL-STD-1388 |
| 532 | 082 | Type of Item Code - T/C | MIL-STD-1552A |

Table 3-A

PROVISIONING DATA ELEMENT STATUS
Air Force (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|---|-----------------|
| Initial | Final | | |
| 533 | | Type, Model, Series Designator | MIL-STD-1388 |
| 534 | | Type of Procurement Instrument Code | NC Number |
| 535 | | Type of Program Code | AFLCR 67-8 |
| 536 | | Type of Screening Code | DI-V-7016D |
| 537 | | Type Processing Code | AFLC 65-33 |
| 538 | | Type PTD | D220 |
| 539 | | Unit of Issue Conversion Factor | AF 86 |
| 540 | 083 | Unit of Measure (UM)/Unit of Issue (UI) | MIL-STD-1552A |
| 541 | 084 | Unit Price | MIL-STD-1552A |
| 542 | | Unit Price Code | D062 |
| 543 | | Urgency Justification Code | D062 |
| 544 | 085 | Usable on Code | MIL-STD-1552A |
| 545 | | Use Until Exhausted Code | D062 |
| 546 | | Used On | AF 86 |
| 547 | | Utilities Requirements | MIL-STD-1388 |
| 548 | | Utilization Period | Prog. Checklist |
| 549 | | Variable Count Tape Input | MIL-STD-1552A |
| 550 | | Variable Identification | MIL-STD-1552A |
| 551 | | Volume | MIL-STD-1388 |
| 552 | | Weapons System Code | DoD 4140.26-M |
| 553 | | Wearout Percent | AFLCR 57-27 |
| 554 | | Wearout Rate | AFLCR 57-27 |
| 555 | | Weight | MIL-STD-1388 |
| 556 | | Width | MIL-STD-1388 |
| 557 | | WIMM/CIMM Code | AAT |
| 558 | | Work Area Code | MIL-STD-1388 |
| 559 | | Work Breakdown Structure | MIL-STD-1388 |
| 560 | 086 | Work Unit Code - WUC | Addendum |
| 561 | | WRM Reorder Level | D062 |
| 562 | | WRM Termination Level | D062 |
| 563 | | Year | D220 |

2. Data Element Status (continued)

b. Commercial provisioning data is similarly depicted in Table 3-B. The candidate data collected from USAir policy and procedural entities was restricted to data identified in the World Airline Suppliers' Guide and Air Transport Association of America documentation to conform with the Air Force element selection.

Table 3-B

PROVISIONING DATA ELEMENT STATUS
Commercial

| Number | | Data Element Name | Justification |
|---------|-------|--|--------------------|
| Initial | Final | | |
| 001 | 001 | Addition, Deletion or Change of P/N | ATA 200 |
| 002 | 002 | Additional Nomenclature | ATA 200 |
| 003 | | Alternate Class Control Number | USAir Provisioning |
| 004 | 003 | Alternate Part Number | ATA 200 |
| 005 | | Application of FSCM to Standard Item | ATA 200 |
| 006 | | Average Price | USAir Procurement |
| 007 | | Cancellation Date | USAir Investment |
| 008 | 004 | Catalog Sequence Number | ATA 200 |
| 009 | | Category One Container P/N | ATA 200 |
| 010 | 005 | Change Code | ATA 200 |
| 011 | | Chapter/Subchapter | USAir Cross Ref. |
| 012 | | Class Control Number | USAir Provisioning |
| 013 | | Classification Code | USAir Provisioning |
| 014 | | Closure Data | USAir Investment |
| 015 | | Completion Status | USAir Investment |
| 016 | | Condition Effect Code | USAir Provisioning |
| 017 | 006 | Control Specification and/or Drawing | ATA 200 |
| 018 | | Conversion Factor | USAir Procurement |
| 019 | | Cross Reference P/N to Standard Number | ATA 100 |
| 020 | 007 | Currency Code | ATA 200 |
| 021 | 008 | Customer | ATA 200 |
| 022 | 009 | Discount | ATA 200 |
| 023 | | Discount Percent | USAir Investment |
| 024 | | Document Number | USAir Provisioning |
| 025 | | Document Type | USAir Provisioning |
| 026 | | Economic Order Quantity | USAir Procurement |
| 027 | 010 | Effective Date | ATA 200 |
| 028 | 011 | Effectivity | ATA 200 |
| 029 | 012 | End Item Manufacturing Code | ATA 200 |
| 030 | 013 | End Item Part Number | ATA 200 |

Table 3-B

PROVISIONING DATA ELEMENT STATUS
Commercial (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|------------------------------|--------------------|
| Initial | Final | | |
| 031 | 014 | Engine Level Maintenance | ATA 200 |
| 032 | | Equipment Identification | ATA 100 |
| 033 | 015 | Essentiality Code | ATA 200 |
| 034 | 016 | Explanation Code | ATA 200 |
| 035 | 017 | File Identifier | ATA 200 |
| 036 | 018 | Forecasting Model Identifier | ATA 200 |
| 037 | 019 | Hazardous Material | EC 32 ATA 200 |
| 038 | | Item Name | USAir Cross Ref. |
| 039 | | Item Name Abbreviation | USAir Cross Ref. |
| 040 | | Item Number | ATA 200 |
| 041 | | Item Number Variant | ATA 200 |
| 042 | | Journal Date | USAir Investment |
| 043 | 020 | Keyword | ATA 200 |
| 044 | | Lack of Manufacturing P/N | ATA 200 |
| 045 | 021 | Lead Time | ATA 200 |
| 046 | | List Price | USAir Procurement |
| 047 | 022 | Local Fabrication | ATA 200 |
| 048 | 023 | Maintenance and Overhaul | ATA 200 |
| 049 | 024 | Maintenance Percentage | ATA 200 |
| 050 | 025 | Manufacturer | ATA 200 |
| 051 | 026 | Manufacturer Code Change | ATA 200 |
| 052 | | Manufacturer Part Number | USAir Provisioning |
| 053 | | Material Code | ATA 100 |
| 054 | | Minimum Item Amount | USAir Procurement |
| 055 | | Minimum Ordr Amount | USAir Procurement |
| 056 | 027 | Minimum Sales Quantity | ATA 200 |
| 057 | | Miscellaneous Data | ATA 200 |
| 058 | 028 | Model Identification | ATA 200 |
| 059 | | Net Price | USAir Investment |
| 060 | | Next Higher Assembly | USAir Provisioning |

Table 3-B

PROVISIONING DATA ELEMENT STATUS
Commercial (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|--------------------|
| Initial | Final | | |
| 061 | 029 | Nomenclature | ATA 100 |
| 062 | 030 | Optional Part Numbers | ATA 200 |
| 063 | | Optional Vendors | ATA 200 |
| 064 | | Order Date | USAir Investment |
| 065 | | Order Quantity | USAir Provisioning |
| 066 | | Organization Code | USAir Provisioning |
| 067 | 031 | Overlength Part Number | ATA 200 |
| 068 | | Overflow Indicator | ATA 200 |
| 069 | | Packaging Code | USAir Cross Ref. |
| 070 | | Packaging Method | USAir Cross Ref. |
| 071 | 032 | Part Number | ATA 200 |
| 072 | 033 | Part Number Change | ATA 200 |
| 073 | | Part Number Fabricated from Commercial Items | ATA 200 |
| 074 | | Payment Terms | USAir Investment |
| 075 | 034 | Pool Item Candidate | ATA 200 |
| 076 | | Preferred Spare Part | ATA 200 |
| 077 | | Price Break Data | ATA 200 |
| 078 | 035 | Price Condition | ATA 200 |
| 079 | 036 | Price Type | ATA 200 |
| 080 | | Prime Vendor | USAir Procurement |
| 081 | | Prime Vendor FSC | USAir Procurement |
| 082 | | Prime Vendor Unit of Purchase | USAir Procurement |
| 083 | | Prime/Multiple Indicator | USAir Procurement |
| 084 | 037 | Proprietary Code | ATA 200 |
| 085 | | Purchase Order Number | USAir Procurement |
| 086 | | Purchase Order Type | USAir Procurement |
| 087 | | Purchase History | USAir Procurement |
| 088 | 038 | Reason for Selection | ATA 200 |
| 089 | 039 | Recommended Quantity | ATA 200 |
| 090 | 040 | Record Type | ATA 200 |

Table 3-B

PROVISIONING DATA ELEMENT STATUS
Commercial (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|--|--------------------|
| Initial | Final | | |
| 091 | | Recoverability Code | USAir Provisioning |
| 092 | | Receipt Date | USAir Provisioning |
| 093 | | Received Quantity | USAir Investment |
| 094 | | Receiving Entity | USAir Procurement |
| 095 | | Reference Designation | ATA 200 |
| 096 | 041 | Refundable Charge | ATA 200 |
| 097 | 042 | Remarks | ATA 200 |
| 098 | | Removal and Consumption Rate | ATA 200 |
| 099 | 043 | Removal Rate Indicator | ATA 200 |
| 100 | | Reported to Cash Flow/Investment | USAir Investment |
| 101 | | Required Date | USAir Provisioning |
| 102 | 044 | Scrap Rate | ATA 200 |
| 103 | 045 | Select from Identifier | ATA 200 |
| 104 | 046 | Select Item Reference | ATA 200 |
| 105 | 047 | Sequence Number | ATA 200 |
| 106 | | Source Maintenance Recoverability Scrap Code | USAir Provisioning |
| 107 | 048 | Spare Parts Classification | ATA 200 |
| 108 | 049 | Special Charges | ATA 200 |
| 109 | 050 | Split Effectivity | ATA 200 |
| 110 | 051 | Standard Package | ATA 200 |
| 111 | 052 | Standard Parts Indicator | ATA 200 |
| 112 | | Stock Number | ATA 100 |
| 113 | | Stock Item Description | USAir Cross Ref. |
| 114 | | Stock Item Description Key | USAir Cross Ref. |
| 115 | 053 | Storage Condition | ATA 200 |
| 116 | 054 | Text | ATA 200 |
| 117 | 055 | Text Counter | ATA 200 |
| 118 | 056 | Time Cycle Between Shop Visits | ATA 200 |
| 119 | 057 | Time Cycle Between Overhaul | ATA 200 |
| 120 | 058 | Time/Cycle Indicator | ATA 200 |

Table 3-B

PROVISIONING DATA ELEMENT STATUS
Commercial (Continued)

| Number | | Data Element Name | Justification |
|---------|-------|-------------------------------|--------------------|
| Initial | Final | | |
| 121 | 059 | Total Quantity | ATA 200 |
| 122 | 060 | Total Records | ATA 200 |
| 123 | | Total Required | ATA 100 |
| 124 | 061 | Transmission Date | ATA 200 |
| 125 | 062 | Transmission Sequence | ATA 200 |
| 126 | 063 | Transmitter of Data | ATA 200 |
| 127 | 064 | Unit | ATA 200 |
| 128 | | Unit of Issue | USAir Provisioning |
| 129 | 065 | Unit of Measure Clarification | ATA 200 |
| 130 | | Unit of Purchase | USAir Procurement |
| 131 | 066 | Units per Assembly | ATA 200 |
| 132 | 067 | Unit Price | ATA 200 |
| 133 | | Unit or Assembly | ATA 200 |
| 134 | 068 | Unscheduled Removal Rate | ATA 200 |
| 135 | 069 | Used on Reference | ATA 200 |
| 136 | | Vendor Address | USAir Procurement |
| 137 | | Vendor Lead Time | USAir Provisioning |

4. Data Disposition

a. Air Force provisioning data elements are presented according to their relation to selected ATA elements in Table 4-A. Results achieved by the Provisioning Initiative Activity (PIA) "mock" provisioning effort are extended from MIL-STD-1552 to incorporate MIL-STD-1552A, the Addendum and updated ATA provisioning documents.

Table 4-A

PROVISIONING DATA DISPOSITION
Air Force

| Number | Air Force Element | Disposition* | | ATA Data Element |
|--------|---|--------------|-------|--|
| | | Mock | USAir | |
| 001 | Automatic Data Processing Code | — | AF | |
| 002 | Base Condemnation Percent | — | S | Scrap Rate |
| 003 | Card Format Identifier | — | AF | |
| 004 | Card Sequence Number | — | AF | |
| 005 | Change Authority Number | C | C | Change Code |
| 006 | Contractor Turn Around Time | AF | AF | |
| 007 | Control Data | — | AF | |
| 008 | Date List Submitted | — | S | Transmission Date |
| 009 | Delivery Schedule | — | AF | |
| 010 | Demilitarization Code | — | AF | |
| 011 | Depot Condemnation Percent | — | S | Scrap Rate |
| 012 | Document Availability Code | — | AF | |
| 013 | Drawing Status Code | — | S | Control Specification and/ or Drawing |
| 014 | Essentiality Code | S | S | Essentiality Code |
| 015 | Exhibit Line Item Number-ELIN | — | AF | |
| 016 | Extended Remarks | — | C | Remarks |
| 017 | Failure Factor I | S | S | Removal Rate Indicator |
| | | S | S | Unscheduled Removal Rate |
| 018 | Failure Factor II, Overhaul Replacement Percentage | S | S | Time Cycle Between Overhaul |
| 019 | Failure Factor III, Not Repairable This Station (NRTS) | S | AF | |
| 020 | Federal Supply Code for Manufacturers - FSCM | C | C | Manufacturer |
| 021 | Indenture | C | S | Explanation Code |
| 022 | Initial Supply and/or Other Support List | — | AF | |

*C - Denotes ATA compatible, S - similar, and AF - a data element unique to Air Force.

Table 4-A

PROVISIONING DATA DISPOSITION
Air Force (Continued)

| Number | Air Force Element | Disposition | | ATA Data Element |
|--------|---|-------------|---------|--|
| | | Mock | USAir | |
| 023 | Interchangeability Code | S | S | Part Number Change |
| | | S | S | Explanation Codes 01, 02, 03, 06, and 07 |
| 024 | Item Management Code | — | AF | |
| 025 | Item Name | S | S | Explanation Code |
| | | S | S | Keyword |
| 026 | Long Reference Part Number Code | S | S | Overlength Part Number |
| 027 | Maintenance Action Code | AF | AF | |
| — | Maintenance and Overhaul Codes | S | Deleted | |
| 028 | Maintenance Task Distribution | AF | AF | |
| 029 | Major Organizational Entity - MOE | — | AF | |
| 030 | Manufacturers Part Number | C | C | Part Number |
| 031 | Material Management Aggregation Code - MMAC | — | AF | |
| 032 | Maximum Allowable Operating Time | S | S | Time Cycle Between Overhaul |
| 033 | Method of Support Code - MOS | — | AF | |
| 034 | Method of Support Modifier | — | AF | |
| — | Miscellaneous Action Code | AF | Deleted | |
| 035 | Mission Item Essentiality Code | — | AF | |
| 036 | Multiple Card Count | — | S | Transmission Sequence |
| 037 | National Stock Number - NSN | AF | S | Part Number |
| 038 | Next Higher Assembly PLISN | C | C | End Item Part Number |
| 039 | Nomenclature/Model/Type Number | — | S | Model Identification |
| | | — | C | Nomenclature |
| 040 | Overhaul Quantity | AF | AF | |
| 041 | Phased Provisioning Code | AF | AF | |
| 042 | Physical Security/Pilferage Code | AF | AF | |

Table 4-A

**PROVISIONING DATA DISPOSITION
Air Force (Continued)**

| Number | Air Force Element | Disposition | | ATA Data Element |
|--------|--|-------------|---------|--------------------------|
| | | Mock | USAir | |
| 043 | Precious Metal Indicator Code | — | AF | |
| 044 | Prime FSCM | C | C | FSCM |
| 045 | Primary Inventory Control Activity - PICA | — | AF | |
| 046 | Prior Item Provisioning List Item Sequence Number -PLISN | S | S | Catalog Sequence Number |
| 047 | Procurement Control Identifier | AF | AF | |
| 048 | Procurement Instrument Identification Number - PIIN | — | AF | |
| 049 | Production Lead Time | S | AF | |
| 050 | Program Parts Selection List Code | — | S | Standard Parts Indicator |
| 051 | Prorated from ELIN | — | AF | |
| 052 | Prorated Quantity | — | AF | |
| 053 | Provisioning Contract Control Number - PCCN | AF | AF | |
| 054 | Provisioning List Item Sequence Number - PLISN | AF | S | Catalog Sequence Number |
| 055 | Quantity Per Assembly | C | C | Units per Assembly |
| 056 | Quantity Per End Item | S | C | Total Quantity |
| 057 | Quantity Procured | AF | AF | |
| 058 | Quantity Shipped | AF | AF | |
| 059 | Quantity Unit Pack | C | C | Standard Package |
| — | Reason for Selection | S | Deleted | |
| 060 | Reference Designation | S | S | Part Number |
| 061 | Reference Designation Code | S | S | Explanation Code |
| 062 | Reference Designation Overflow Code | S | S | Explanation Code |
| 063 | Reference Number Category Code | C | C | Catalog Sequence Number |
| — | Reference Number Format Code | S | Deleted | |

Table 4-A

PROVISIONING DATA DISPOSITION
Air Force (Continued)

| Number | Air Force Element | Disposition | | ATA Data Element |
|--------|--|-------------|---------|---------------------------|
| | | Mock | USAir | |
| 064 | Reference Number Justification Code | — | AF | |
| 065 | Reference Number Variation Code | — | AF | |
| 066 | Remarks | C | C | Explanation Code |
| 067 | Replaced or Superseding PLISN | C | S | Catalog Sequence Number |
| 068 | Requisition Number | — | AF | |
| 069 | Same as PLISN | C | S | Part Number |
| 070 | Serial Number Effectivity - From | S | S | Effectivity |
| | | S | S | Split Effectivity |
| 071 | Serial Number Effectivity - To | S | S | Effectivity |
| | | S | S | Split Effectivity |
| 072 | Shelf Life Code | S | S | Storage Condition |
| 073 | Source Maintenance Recoverability Code - SMR | S | S | Local Fabrication |
| | | AF | S | Maintenance and Overhaul |
| | | AF | S | Spare Part Classification |
| — | Spare Parts Classification | S | Deleted | |
| 074 | Special Handling Code | AF | AF | |
| 075 | Special Item Code | — | AF | |
| 076 | Submission Control Code | — | C | Transmission Sequence |
| 077 | Substitute MMAC | — | AF | |
| 078 | Substitute NSN | — | AF | |
| 079 | Total Items Changed | C | AF | |
| 080 | Total Quantity Recommended | C | C | Recommended Quantity |
| 081 | Type of Change Code | — | S | Change Code |
| 082 | Type of Item Code | C | AF | |
| 083 | Unit of Measure/Unit of Issue | S | C | Unit |
| 084 | Unit Price | C | C | Unit Price |
| 085 | Usable on Code | C | S | Effectivity |
| | | S | S | Split Effectivity |
| 086 | Work Unit Code | — | S | Catalog Sequence Number |

4. Data Disposition (continued)

b. In support of convenient comparisons, PIA results are juxtaposed with WESTEC/USAir element dispositions and the corresponding data elements are identified. Table 4-B provides analogous results alphabetically organized by ATA data element.

Table 4-B

**PROVISIONING DATA DISPOSITION
Commercial**

| Number | ATA Element | Disposition* | | Air Force Data Element |
|--------|--------------------------------------|--------------|-------|--------------------------------|
| | | Mock | USAir | |
| 001 | Addition, Deletion or Change of P/N | — | ATA | |
| 002 | Additional Nomenclature | — | ATA | |
| 003 | Alternate Part Number | — | ATA | |
| 004 | Catalog Sequence Number | S | S | Prior PLISN |
| | | S | S | Provisioning List Item |
| | | C | S | Sequence Number - PLISN |
| | | — | S | Replaced or Superseding PLISN |
| 005 | Change Code | — | S | Work Unit Code |
| | | C | C | Change Authority Number |
| | | — | S | Type of Change Code |
| 006 | Control Specification and/or Drawing | — | S | Drawing Status Code |
| 007 | Currency Code | — | ATA | |
| 008 | Customer | ATA | ATA | |
| 009 | Discount | ATA | ATA | |
| 010 | Effective Date | ATA | ATA | |
| 011 | Effectivity | S | S | Serial Number Effectivity-From |
| | | S | S | Serial Number Effectivity-To |
| | | C | S | Usable on Code |
| 012 | End Item Manufacturing Code | — | ATA | |
| 013 | End Item Part Number | C | C | Next Higher Assembly PLISN |
| 014 | Engine Level Maintenance | ATA | ATA | |
| 015 | Essentiality Code | S | S | Essentiality Code |

*C - Denotes AF compatible, S - similar, and ATA - a data element unique to ATA.

Table 4-B

**PROVISIONING DATA DISPOSITION
Commercial (Continued)**

| Number | ATA Element | Disposition* | | Air Force Data Element |
|--------|---------------------------|--------------|---------|--|
| | | Mock | USAir | |
| 016 | Explanation Code | — | S | Drawing Status Code |
| | | — | C | Extended Remarks Block |
| | | C | S | Indenture |
| | | S | S | Interchangeability Code |
| | | S | S | Item Name |
| | | S | S | Reference Designation Code |
| | | S | S | Reference Designation Overflow Code |
| 017 | File Identifier | ATA | ATA | |
| 018 | Identifier | ATA | Deleted | |
| 019 | Hazardous Material | — | ATA | |
| 020 | Keyword | S | S | Item Name |
| 021 | Lead time | — | ATA | |
| 022 | Local Fabrication | S | S | Source Maintenance Recoverability Code-SMR |
| 023 | Maintenance and Overhaul | S | S | SMR |
| 024 | Maintenance Percentage | — | ATA | |
| 025 | Manufacturer | C | C | FSCM |
| 026 | Manufacturing Change Code | — | ATA | |
| 027 | Minimum Sales Quantity | — | ATA | |
| 028 | Model Identification | — | S | Nomenclature/Model/Type Number |
| 029 | Nomenclature | — | C | Nomenclature/Model/Type Number |
| 030 | Optional Part Numbers | — | ATA | |
| 031 | Overlength Part Number | S | S | Long Reference Part Number Code |
| 032 | Part Number | — | S | National Stock Number |
| | | C | C | Manufacturers Part Number |
| | | S | S | Reference Designation |
| | | C | S | Same as PLISN |

Table 4-B

PROVISIONING DATA DISPOSITION
Commercial (Continued)

| Number | ATA Element | Disposition | | Air Force Data Element |
|--------|----------------------------|-------------|-------|--|
| | | Mock | USAir | |
| 033 | Part Number Change | S | S | Interchangeability Code |
| 034 | Pool Item Candidate | — | ATA | |
| 035 | Price Condition | — | ATA | |
| 036 | Price Type | — | ATA | |
| 037 | Proprietary Code | ATA | ATA | |
| 038 | Reason for Selection | — | ATA | |
| 039 | Recommended Quantity | C | C | Total Quantity Recommended |
| 040 | Record Type | ATA | ATA | |
| 041 | Refundable Charge | — | ATA | |
| 042 | Remarks | — | C | Extended Remarks Block |
| 043 | Removal Rate Indicator | S | S | Failure Factor I |
| 044 | Scrap Rate | — | S | Deport Condemnation Percent |
| 045 | Select from Identifier | — | ATA | |
| 046 | Select Item Reference | — | ATA | |
| 047 | Sequence Number | ATA | ATA | |
| 048 | Spare Parts Classification | ATA | S | Source Maintenance Recoverability Code - SMR |
| 049 | Special Charges | — | ATA | |
| 050 | Split Effectivity | S | S | Serial Number Effective-From |
| | | S | S | Serial Number Effective-To |
| | | C | S | Usable on Code |
| 051 | Standard Package | C | C | Quantity Unit Pack |
| 052 | Standard Parts Indicator | — | S | Program Parts Selection List Code |
| 053 | Storage Condition | S | S | Shelf Life Code |
| 054 | Text | — | ATA | |
| 055 | Text Counter | — | ATA | |

Table 4-B

PROVISIONING DATA DISPOSITION
Commercial (Continued)

| Number | ATA Element | Disposition | | Air Force Data Element |
|--------|--------------------------------|-------------|-------|--|
| | | Mock | USAir | |
| 056 | Time Cycle Between Shop Visits | — | ATA | |
| 057 | Time Cycle Between Overhaul | S | S | Failure Factor II, Overhaul Replacement Percentage |
| | | S | S | Maximum Allowable Operating Time |
| 058 | Time/Cycle Indicator | ATA | ATA | |
| 059 | Total Quantity | S | C | Quantity per End Item |
| 060 | Total Records | — | ATA | |
| 061 | Transmission Date | — | S | Date List Submitted |
| 062 | Transmission Sequence | — | S | Multiple Card Count |
| | | — | C | Submission Control Code |
| 063 | Transmitter of Data | — | ATA | |
| 064 | Unit | S | C | Unit of Measure |
| 065 | Unit of Measure Clarification | — | S | Unit of Measure |
| 066 | Units per Assembly | C | C | Quantity per Assembly |
| 067 | Unit Price | C | C | Unit Price |
| 068 | Unscheduled Removal Rate | S | S | Failure Factor I |
| 069 | Used on Reference | C | C | Long Reference Part Number Code |

5. Event Matrix Specification

a. Table 5-A specifies each of the 28 Air Force provisioning events according to the disposition status of Table 4-A. Hence, the total data set applicable to event performance is partitioned into four mutually exclusive and exhaustive disposition categories. Air Force data elements determined to be compatible to ATA data are presented under the Compatible AF/ATA column for each Air Force event. Data determined to be potentially compatible with minor revision fall under the similar heading while unique Air Force data, excluding MB data, is listed as Unique AF. Unique Air Force MB elements are presented separately in the final column in order to emphasize their potential importance to the relation between Air Force and ATA provisioning. For instance, while compatible data is already considered to be accommodated by ATA and similar data is judged to be easily compatibilized, unique data supplied by manufacturers to the Air Force may have to be added to ATA in order to accommodate Air Force provisioning requirements. Clearly unique Air Force data used for internal processing (B type) or produced for the manufacture (BM type) is not pertinent to ATA processing. The event set in Table 5-A is organized to represent the Air Force provisioning process from the initial determination of provisioning documentation requirements through the final operational need date.

Table 5-A
EVENT MATRIX SPECIFICATION
Air Force

| Number | Event Name | Data Element Disposition | | | | |
|--------|---|--------------------------|-------------------|----------------|------------|--------------|
| | | Total Data | Compatible AF/ATA | Similar AF/ATA | Unique AF* | Unique MB AF |
| 01 | Documentation Requirements | 22 | 2 | 16 | 4 | -- |
| 02 | Contract Award | 2 | -- | -- | 2 | -- |
| 03 | Guidance Conference | 59 | 16 | 28 | 15 | -- |
| 04 | Interim Release LLIL | 62 | 16 | 30 | 3 | 13 |
| 05 | Recommended Items LLIL | 62 | 16 | 30 | 3 | 13 |
| 06 | Screening | 9 | 3 | 4 | 2 | -- |
| 07 | Interchangeability and Substitution | 8 | 3 | 5 | -- | -- |
| 08 | Spares Acquisition Integrated with Production | 8 | 5 | 1 | -- | 2 |
| 09 | Provisioning Technical Data | 61 | 15 | 31 | 2 | 13 |
| 10 | Supplemental Provisioning | 14 | 5 | 7 | 2 | -- |
| 11 | Provisioning Conference | 63 | 13 | 27 | 16 | 7 |
| 12 | Item Cost-Price Review | 5 | 4 | 1 | -- | -- |
| 13 | NC-ND Numbering | 8 | 3 | 5 | -- | -- |
| 14 | Initial Spares Support | 27 | 4 | 17 | 3 | 3 |
| 15 | Support Equipment Recommendation Data | 2 | 2 | -- | -- | -- |

*Excluding MB designated data.

Table 5-A

**EVENT MATRIX SPECIFICATION
Air Force (Continued)**

| Number | Event Name | Data Element Disposition | | | | |
|--------|---|--------------------------|-------------------|----------------|------------|--------------|
| | | Total Data | Compatible AF/ATA | Similar AF/ATA | Unique AF* | Unique MB AF |
| 16 | Design Change Notice | 61 | 14 | 30 | 2 | 15 |
| 17 | Post Conference List | 41 | 6 | 17 | 13 | 5 |
| 18 | Requirements Determination | 48 | 8 | 17 | 13 | 10 |
| 19 | Cataloging | 25 | 5 | 10 | 7 | 3 |
| 20 | Supply Support Request | 17 | 2 | 9 | 6 | -- |
| 21 | Provisioned Item Order (PIO) | 25 | 5 | 7 | 12 | 1 |
| 22 | PIO Funding Requirements | 10 | 3 | 1 | 6 | -- |
| 23 | Packaging | 5 | 2 | 1 | 1 | 1 |
| 24 | Contractor Acceptance/Rejection of Delivery Dates | 5 | -- | -- | 5 | -- |
| 25 | Spares Pricing | 8 | 3 | 1 | 4 | -- |
| 26 | PIO Release | 10 | 3 | 1 | 6 | -- |
| 27 | Due-In Asset | 9 | 3 | 1 | 5 | -- |
| 28 | Operational Need Date | 1 | -- | -- | 1 | -- |
| | TOTALS | 677 | 161 | 297 | 133 | 86 |

*Excluding MB designated data.

5. Event Matrix Specification (continued)

b. Analogous commercial results are presented in Table 5-B. Each of 19 provisioning events identified by USAir in their provisioning cycle are specified according to the disposition of provisioning data deemed applicable to event performance. Unique ATA manufacturer data produced for the commercial buyer (MB type) is quantified to support the analysis of its potential relative to Air Force needs. Data determined to be beneficial will be candidate for incorporation within MIL-STD-1552A.

Table 5-B

EVENT MATRIX SPECIFICATION
Commercial

| Number | Event Name | Data Element Disposition | | | | |
|--------|------------------------------|--------------------------|-------------------|----------------|--------------|---------------|
| | | Total Data | Compatible ATA/AF | Similar ATA/AF | Unique ATA * | Unique MB ATA |
| 01 | Purchase Agreement/GTA | -- | -- | -- | -- | -- |
| 02 | Preprovisioning Conference | 53 | 11 | 22 | -- | 20 |
| 03 | Long Lead-Time Items | 78 | 15 | 32 | -- | 31 |
| 04 | End Item Data | 64 | 12 | 31 | -- | 21 |
| 05 | Manufacturers Technical Data | 2 | -- | 2 | -- | -- |
| 06 | Provisioning Conferences | 12 | 2 | 6 | -- | 4 |
| 07 | Revision Service | 82 | 16 | 32 | -- | 34 |
| 08 | Forecasting | 2 | | 1 | | 1 |
| 09 | Provisioning Model | 32 | 5 | 15 | -- | 12 |
| 10 | Recommended Spare Parts | 50 | 9 | 19 | -- | 22 |
| 11 | Screening | 12 | 2 | 4 | -- | 6 |
| 12 | Control and Cross Reference | 32 | 7 | 14 | -- | 11 |
| 13 | Procurement Budget Review | 54 | 14 | 15 | -- | 25 |
| 14 | Purchasing Decision | 18 | 4 | 4 | 4 | 6 |
| 15 | Purchase Order | 25 | 7 | 4 | 5 | 9 |
| 16 | Packaging | 9 | 3 | 3 | 0 | 3 |
| 17 | Cash Flow-Investment | 3 | 1 | -- | 1 | 1 |
| 18 | Operational Need Date | -- | -- | -- | -- | -- |
| 19 | Buy Back | 17 | 6 | 6 | 1 | 4 |
| | TOTALS | 545 | 114 | 210 | 11 | 210 |

*Excluding MB designated data.

6. Event Correspondence

a. Based on the preceding tabulations regarding the disposition of provisioning data within each of the identified Air Force and commercial provisioning events and on functional event specifications in the final report section, the functional relation of Air Force to commercial events is listed in Table 6-A. Event correspondence indicates events deemed to be functionally equivalent. This efficiently supports comparison and contrast of the Air Force to the commercial method through the identification of unique Air Force events in the context of functionally comparable events. Notice that the event number assigned to corresponding commercial events depicts the position of event performance in the commercial domain. Hence, variations in the sequence of event performance between the two provisioning methods are easily identified.

Table 6-A

EVENT CORRESPONDENCE
Air Force

| Number | Air Force Event | Number | Commercial Event |
|--------|------------------------------------|--------|------------------------------|
| 01 | Documentation Requirements | -- | |
| 02 | Contract award | 01 | Purchase Agreement/GTA |
| 03 | Guidance Conference | 02 | Preprovisioning Conference |
| 04 | Interim LLIL | -- | |
| 05 | Recommended LLIL | 03 | Long Lead Time Item |
| 06 | Screening | 11 | Screening |
| 07 | I & S | 11 | Screening |
| 08 | SAIP | -- | |
| 09 | Provisioning Technical Data | 04 | End Item Data |
| 10 | SPTD | 05 | Manufacturers Technical Data |
| 11 | Provisioning Conference | 06 | Provisioning Conference |
| | | 08 | Forecasting |
| 12 | Item Cost-Price Review | 13 | Procurement Budget Review |
| 13 | NC-ND Number | -- | |
| 14 | Initial Spares Support | -- | |
| 15 | SERD | -- | |
| 16 | Design Change Notice | 07 | Revision Service |
| 17 | Post Conference List | -- | |
| 18 | Requirements Determination | 09 | Provisioning Model |
| 19 | Cataloging | 12 | Control and Cross Reference |
| 20 | Supply Support Request | -- | |
| 21 | Provisioned Item Order (PIO) | 10 | Recommended Spare Parts |
| | | 14 | Purchase Decision |
| 22 | PIO Funding | 13 | Procurement Budget Review |
| 23 | Packaging | 16 | Packaging |
| 24 | Delivery Date Acceptance/Rejection | -- | |
| 25 | Spares Pricing | 13 | Procurement Budget Review |
| 26 | PIO Release | 15 | Purchase Order |
| 27 | Due-In Asset | 17 | Cash Flow/Investment |
| 28 | Operational Need Date | 18 | Operational Need Date |

6. Event Correspondence (continued)

b. Table 6-B provides the results achieved through the correspondence of the 19 commercial provisioning events with the Air Force event set. Notice, as in Table 6-A, the Air Force event number now vividly indicates variations between the performance of the commercial and Air Force provisioning. Furthermore, several discrete Air Force events can be seen as embedded in particular functionally equivalent commercial events.

Table 6-B
EVENT CORRESPONDENCE
Commercial

| Number | Commercial Event | Number | Air Force Event |
|--------|------------------------------|--------|------------------------------|
| 01 | Purchase Agreement/GTA | 02 | Contract Award |
| 02 | Preprovisioning Conference | 03 | Guidance Conference |
| 03 | Long Lead Time Item | 04 | Interim LLIL |
| | | 05 | Recommended LLIL |
| 04 | End Item Data | 09 | Provisioning Technical Data |
| 05 | Manufacturers Technical Data | 10 | SPTD |
| 06 | Provisioning Conference | 11 | Provisioning Conference |
| 07 | Revision Service | 16 | Design Change Notice |
| 08 | Forecasting | 11 | Provisioning Conference |
| 09 | Provisioning Model | 18 | Requirements Determination |
| 10 | Recommended Spare Parts | 21 | Provisioned Item Order (PIO) |
| 11 | Screening | 06 | Screening |
| | | 07 | I & S |
| 12 | Control and Cross Reference | 19 | Cataloging |
| 13 | Procurement Budget Review | 12 | Item Cost/Price Review |
| | | 22 | PIO Funding |
| | | 25 | Spares Pricing |
| 14 | Purchasing Decision | 21 | Provisioned Item Order |
| 15 | Purchase Order | 26 | PIO Release |
| 16 | Packaging | 23 | Packaging |
| 17 | Cash Flow/Investment | 27 | Due-In Asset |
| 18 | Operational Need Date | 28 | Operational Need Date |
| 19 | Buy Back | -- | |

7. Matrix Element Designation

a. Construction of the fundamental analytic tool of the first study phase, the Provisioning Matrix, required development of symbology capable of conveniently and explicitly representing Air Force and commercial provisioning data applicable to their respective provisioning method. Three initially proposed element designation code symbols, i.e., B, BM and MB have been expanded to encompass 14 symbolic conventions incorporated in the Provisioning Matrix. Each of these 17 element designation codes is defined in Table 7.

Table 7

MATRIX ELEMENT DESIGNATION

| Designation Code | Applicable Matrix | Code Definition |
|------------------|-------------------|---|
| B | Event | Buyer Data Element Produced Exclusively for Internal Use Applicable to a Matrix Event |
| BM | Event | Buyer Data Element Produced for the Manufacturer Applicable to an Event |
| MB | Event | Manufacturer Data Element Produced for the Buyer Applicable to an Event |
| MB/ MB | Provisioning | Common Air Force/Commercial Data MB Applicable to an Equivalent Air Force/Commercial Provisioning Event |
| MB/ BM | Provisioning | Common Air Force/Commercial Data with Air Force MB and Commercial BM Applicable to an Equivalent Event |
| MB/ | Provisioning | Common Air Force/Commercial Data with only Air Force Data MB Applicable to an Event |
| / MB | Provisioning | Common Air Force/Commercial Data with only Commercial Data MB Applicable to an Event |
| MB X | Provisioning | Unique Air Force Data MB Applicable to an Event |
| X MB | Provisioning | Unique Commercial Data MB Applicable to an Event |
| BM/ BM | Provisioning | Common Air Force/Commercial Data BM Applicable to an Equivalent Event |
| BM/ MB | Provisioning | Common Air Force/Commercial Data with Air Force BM and Commercial MB Applicable to an Equivalent Event |
| BM/ | Provisioning | Common Air Force/Commercial Data with only Air Force Data BM Applicable to an Event |
| / BM | Provisioning | Common Air Force/Commercial Data with only Commercial Data BM Applicable to an Event |

Table 7

MATRIX ELEMENT DESIGNATION (Continued)

| Designation Code | Applicable Matrix | Code Definition |
|------------------|-------------------|--|
| BM X | Provisioning | Unique Air Force Data BM Applicable to an Event |
| X BM | Provisioning | Unique Commercial Data BM Applicable to an Event |
| B/ | Provisioning | Common Air Force/Commercial Data with only Air Force Data B Applicable to an Event |
| B X | Provisioning | Unique Air Force Data B Applicable to an Event |

8. Matrix Data Dependency

a. Provisioning Matrix data dependencies are specified in Table 8. The input/output relations between elements within each of five sets of operationally equivalent data are separately tabulated to correspond to Provisioning Matrix representation. Table 8 specifies data elements applicable to a particular event and through the application of input data either generated or modified in the course of event performance. Dependent or receiving elements are contained in the first three columns following data type, i.e., Element Designation, Element and Event. Input data identified as event input is contained in the final four tabular columns. For example, the first entry of Table 8 represents the dependency of the fifth element in the Control data type, i.e., the MB/MB element, the sixth Screening/Screening event (C5,6) receiving inputs from the fifth control element of the unique interim LLIL event, the Recommended LLIL/ Long Lead Time Items, and the Provisioning Technical/End Item Data event.

Table 8

PROVISIONING MATRIX DATA DEPENDENCY

| Data Type | Element Designation | Dependent Element | | Input Element | | | |
|-------------|---------------------|-------------------|-------|---------------|-------|---------|-------|
| | | Element | Event | Element | Event | Element | Event |
| Control (C) | MB/ MB | C5 | 6 | C5 | 4 | C5 | 5 |
| | | | | C5 | 9 | | |
| | MB/ MB | C5 | 7 | C5 | 4 | C5 | 5 |
| | | | | C5 | 9 | | |
| | MB/ MB | C5 | 19 | C5 | 11 | C5 | 13 |
| | | | | C5 | 9 | | |
| | MB/ MB | C9 | 6 | C9 | 4 | C9 | 5 |
| | | | | C9 | 9 | | |
| | MB/ MB | C9 | 7 | C9 | 4 | C9 | 5 |
| | | | | C9 | 7 | C9 | 10 |
| | | | | C18 | 4 | C18 | 5 |
| | | | | C18 | 9 | | |
| | MB/ MB | C9 | 19 | C9 | 11 | C9 | 13 |
| | | | | C9 | 17 | | |
| | MB/ MB | C10 | 9 | C15 | 4 | C15 | 5 |
| C15 | | | | 9 | | | |
| MB/ MB | C11 | 9 | C5 | 6 | C9 | 6 | |
| MB/ MB | C11 | 11 | C11 | 9 | | | |
| MB/ MB | C26 | 9 | C15 | 4 | C15 | 5 | |
| | | | C15 | 16 | | | |
| MB/ MB | C16 | 11 | C16 | 9 | | | |
| MB/ MB | C18 | 6 | C18 | 4 | C18 | 5 | |
| | | | C18 | 9 | | | |
| MB/ MB | C18 | 7 | C18 | 6 | | | |
| MB/ MB | C18 | 19 | C18 | 11 | | | |
| MB/ MB | C20 | 7 | C20 | 4 | C20 | 5 | |
| | | | C20 | | | | |

Table 8

PROVISIONING MATRIX DATA DEPENDENCY (Continued)

| Data Type | Element Designation | Dependent Element | Event | Element | Input Element | Event | Element | Event |
|-----------------|---------------------|-------------------|-------|----------|---------------|-------|---------|-------|
| Control (C) | MB/ MB | C20 | 7 | C20 | 7 | | | |
| | MB/ | C23 | 4 | C23 | 16 | | | |
| | MB/ MB | C23 | 5 | C23 | 16 | | | |
| | MB/ MB | C23 | 9 | C23 | 16 | | | |
| | MB/ MB | C24 | 4 | C15 | 4 | | | |
| | MB/ MB | C24 | 5 | C15 | 5 | | | |
| | MB/ MB | C24 | 9 | C15 | 9 | | | |
| | MB/ | C25 | 4 | C15 | 4 | C25 | 16 | |
| | MB/ MB | C25 | 5 | C15 | 5 | C25 | 16 | |
| MB/ MB | C25 | 9 | C15 | 9 | C25 | 16 | | |
| Application (A) | B X | A1 | 19 | A1 | 11 | | | |
| | B X | A3 | 19 | A3 | 11 | | | |
| | B/ MB | A6 | 11 | A6 A6 | 4 9 | A6 | 5 | |
| | MB/ | A7 | 17 | A7 | 16 | | | |
| | MB/ | A7 | 18 | A7 | 17 | | | |
| | MB/ | A8 | 7 | A8 A8 | 4 9 | A8 | 5 | |

Table 8

PROVISIONING MATRIX DATA DEPENDENCY (Continued)

| Data Type | Element Designation | Dependent Element | | Input Element | | | |
|-----------------|---------------------|-------------------|-------|---------------|--------|---------|-------|
| | | Element | Event | Element | Event | Element | Event |
| Application (A) | MB/ | A8 | 19 | A8 | 7 | A8 | 11 |
| | MB/ X | A10 | 19 | A10 A10 | 4 9 | A10 | 5 |
| | B X | A12 | 11 | A12 A12 | 4 9 | A12 | 5 |
| | B X | A12 | 19 | A12 | 11 | | |
| | MB/ MB | A13 | 7 | A13 A13 | 4 9 | A13 | 5 |
| | MB/ | A14 | 18 | A14 | 11 | | |
| | MB/ | A15 | 18 | A15 | 11 | | |
| | MB/ X | A22 | 19 | A22 | 11 | | |
| Technical (T) | B/ | T1 | 11 | T1 T1 | 4 9 | T1 | 5 |
| | B/ MB | T1 | 18 | T1 | 11 | | |
| | B/ | T3 | 11 | T3 T3 | 4 9 | T3 | 5 |
| | B/ MB | T3 | 18 | T3 | 11 | | |
| | B/ | T5 | 11 | T5 T5 | 4 9 | T5 | 5 |
| | B/ | T7 | 11 | T7 T7 | 4 9 | T7 | 5 |
| | B X | T8 | 11 | T8 T8 | 4 9 | T8 | 5 |
| | B X | T10 | 14 | T10 | 11 | | |

Table 8

PROVISIONING MATRIX DATA DEPENDENCY (Continued)

| Data Type | Element Designation | Dependent Element | Event | Element | Input Element | Event | Element | Event |
|---------------|---------------------|-------------------|-------|------------------------|--------------------|-----------------------|---------|---------------------|
| Technical (T) | B X | T11 | 18 | T11 | 11 | | | |
| | B X | T15 | 19 | T15 | 11 | | | |
| | B X | T16 | 11 | T24 | 11 | | | |
| | B X | T16 | 18 | T16 | 11 | | | |
| | MB/ | T17 | 11 | T17 T17 | 4 9 | T17 | | 5 |
| | B X | T18 | 18 | T18 | 17 | | | |
| | B X | T21 | 19 | T21 | 11 | | | |
| | B/ | T23 | 11 | T23 T23 | 4 9 | T23 | | 5 |
| | B/ MB | T23 | 19 | T23 | 11 | | | |
| | B/ | T24 | 11 | T24 T24 T3 T7 | 4 9 11 11 | T24 T1 T5 T8 | | 5 11 11 11 |
| | B/ MB | T24 | 18 | T24 | 11 | | | |
| | MB/ X | T27 | 8 | T27 T27 | 4 9 | T27 | | 5 |
| | Procurement (P) | B X | P12 | 21 | P12 | 16 | | |
| B X | | P13 | 21 | P13 | 16 | | | |

Table 8

PROVISIONING MATRIX DATA DEPENDENCY (Continued)

| Data Type | Element Designation | Dependent Element | | Input Element | | | |
|-----------------|---------------------|-------------------|-------|---------------|--------|---------|-------|
| | | Element | Event | Element | Event | Element | Event |
| Procurement (P) | B X | P13 | 27 | P15 | 24 | | |
| | MB/ X | P14 | 18 | P14 | 16 | | |
| | B X | P14 | 27 | P14 | 24 | | |
| | MB/ | P16 | 18 | P16 P16 | 4 9 | P16 | 5 |
| | B/ MB | P16 | 21 | P16 | 18 | | |
| | MB/ | P20 | 18 | P20 P20 | 4 9 | P20 | 5 |
| | MB/ MB | P22 | 12 | P22 | 11 | | |

9. Matrix Data Categories

a. Table 9 summarizes Provisioning Matrix content for the flow of information from the manufacturer to the buyer. The event set in Table 9 is organized to represent the integrated sequence of Air Force and commercial events from the unique Air Force determination of provisioning documentation requirements through the final unique commercial Buy-Back event. These 29 events constitute the horizontal array of the study Provisioning Matrix. Common data is quantified in conjunction with the unique data requirements of the Air Force and commercial methods. Elements are distributed over six manufacturer designation codes in the following order: MB/MB, MB/BM, MB/, /MB, MBX, XMB. The initial MB/MB category represents the condition of maximum commonality between the two provisioning methods, i.e., functionally equivalent events including common data similarly used. MB/BM data is identical to MB/MB with the important exception that commercial provisioning requires information to be provided to the manufacturer. The MB/ code represents functionally equivalent events and common data with exclusive Air Force data usage while /MB denotes the exclusive commercial condition. Unique Air Force data is quantified under the MBX heading while unique commercial data is presented in the final XMB column.

Table 9

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Data Summary

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|--|---------------|-------------|-----------|----------|---------|-------------|---------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 01 | Documentation Requirements | -- | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 23 | -- | -- | -- | 3 | -- | 20 |
| 04 | Interim LLIL | 59 | -- | -- | 46 | --- | 13 | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 92 | 45 | -- | 1 | 2 | 13 | 31 |
| 06 | Screening/Screening | 18 | 4 | -- | 2 | 6 | -- | 6 |
| 07 | I & S/Screening | 18 | 5 | -- | 2 | 5 | -- | 6 |
| 08 | SAIP | 8 | -- | -- | 6 | -- | 2 | |
| 09 | Provisioning Technical/ End Item Data | 81 | 41 | 1 | 4 | 1 | 13 | 21 |
| 10 | SPTD/Manufacturers Technical Data | 13 | 3 | -- | 9 | 1 | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 40 | 5 | 1 | 22 | -- | 7 | 5 |
| 12 | Item Cost-Price Review/ Procurement Budget Review | 54 | 5 | -- | -- | 24 | -- | 25 |
| 13 | NC-ND Number | 8 | -- | -- | 8 | | | |
| 14 | Initial Spares Support | 15 | -- | -- | 12 | -- | 3 | |
| 15 | SERD | 2 | | | 2 | | | |
| 16 | Design Change Notice/ Revision Service | 97 | 44 | -- | 1 | 3 | 15 | 34 |

Table 9

PROVISIONING MATRIX DATA CATEGORIES
 Manufacturer Data Summary (Continued)

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|---|---------------|-------------|-----------|----------|---------|-------------|---------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 17 | Post Conference List | 16 | -- | -- | 11 | -- | 5 | |
| 18 | Requirement Determination/ Provisioning Model | 48 | 1 | -- | 11 | 14 | 10 | 12 |
| 19 | Cataloging/Control and Cross Reference | 36 | 4 | -- | 5 | 13 | 3 | 11 |
| 20 | Supply Support Request | 8 | -- | -- | 8 | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 72 | 9 | -- | -- | 34 | 1 | 28 |
| 22 | PIO Funding/ Procurement Budget Review | 53 | 3 | -- | -- | 25 | -- | 25 |
| 23 | Packaging/Packaging | 12 | -- | -- | 2 | 6 | 1 | 3 |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | 53 | 2 | -- | -- | 26 | -- | 25 |
| 26 | PIO Release/ Purchase Order | 18 | 4 | -- | -- | 5 | -- | 9 |
| 27 | Due-In Asset/Cash Flow | 5 | -- | -- | 4 | -- | -- | 1 |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 15 | -- | -- | -- | 11 | -- | 4 |
| | TOTALS | 864 | 175 | 2 | 156 | 179 | 86 | 266 |

9. Matrix Data Categories (continued)

b. The results of Table 9 are separately presented to support analysis within sets of operationally equivalent data termed data types. Table 9-A contains Control type manufacturer data, i.e., data deemed applicable to the control function, Table 9-B, Application; Table 9-C, Technical; Table 9-D, Procurement; and Table 9-E, manufacturer originated Administration data.

Table 9-A

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Control Data

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|--|------------|-------------|--------|----------|------|-------------|---|
| | | | MB/ MB | MB/ BM | MB/ / MB | MB X | X MB | |
| 01 | Documentation Requirements | -- | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 10 | | | | 3 | | 7 |
| 04 | Interim LLIL | 13 | | | 12 | | 1 | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 21 | 12 | | | 1 | 1 | 7 |
| 06 | Screening/Screening | 15 | 4 | | 1 | 4 | | 6 |
| 07 | I & S/Screening | 15 | 4 | | 1 | 4 | | 6 |
| 08 | SAIP | 3 | | | 3 | | | |
| 09 | Provisioning Technical/ End Item Data | 21 | 12 | 1 | | | 1 | 7 |
| 10 | SPTD/Manufacturers Technical Data | 11 | 3 | | 7 | 1 | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 12 | | | 12 | | | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | 20 | 4 | | | 9 | | 7 |
| 13 | NC-ND Number | 7 | | | 7 | | | |
| 14 | Initial Spares Support | 9 | | | 9 | | | |
| 15 | SERD | 2 | | | 2 | | | |
| 16 | Design Change Notice/ Revision Service | 20 | 12 | | 1 | | | 7 |

Table 9-A

**PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Control Data (Continued)**

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|---|---------------|-------------|-----------|-----------|-----------|-------------|-----------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 17 | Post Conference List | 3 | | | 2 | | 1 | |
| 18 | Requirement Determination/ Provisioning Model | 6 | | | 2 | 3 | 1 | |
| 19 | Cataloging/Control and Cross Reference | 17 | 4 | | 1 | 5 | | 7 |
| 20 | Supply Support Request | 7 | | | 7 | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 20 | 5 | | | 8 | | 7 |
| 22 | PIO Funding/ Procurement Budget Review | 20 | | | | 13 | | 7 |
| 23 | Packaging/Packaging | 7 | | | | 5 | | 2 |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | 20 | | | | 13 | | 7 |
| 26 | PIO Release/ Purchase Order | 9 | 2 | | | 3 | | 4 |
| 27 | Due-In Asset/Cash Flow | 2 | | | 2 | | | |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 12 | | | | 9 | | 3 |
| | TOTALS | 302 | 62 | 1 | 69 | 81 | 5 | 84 |

Table 9-B

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Application Data

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|--|------------|-------------|--------|----------|------|-------------|---|
| | | | MB/ MB | MB/ BM | MB/ / MB | MB X | X MB | |
| 01 | Documentation Requirements | -- | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | -- | | | | | | |
| 04 | Interim LLIL | 15 | | | 10 | | 5 | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 17 | 10 | | | 1 | 5 | 1 |
| 06 | Screening/Screening | 2 | | | 1 | 1 | | |
| 07 | I & S/Screening | 2 | 1 | | 1 | | | |
| 08 | SAIP | -- | | | | | | |
| 09 | Provisioning Technical/ End Item Data | 17 | 10 | | | 1 | 5 | 1 |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 13 | 5 | | 1 | | 3 | 4 |
| 12 | Item Cost-Price Review/ Procurement Budget Review | 1 | | | | 1 | | |
| 13 | NC-ND Number | 1 | | | 1 | | | |
| 14 | Initial Spares Support | 1 | | | 1 | | | |
| 15 | SERD | - | | | | | | |
| 16 | Design Change Notice/ Revision Service | 20 | 10 | | | 1 | 5 | 4 |

Table 9-B

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Application Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|---|---------------|-------------|-----------|-----------|-----------|-------------|-----------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 17 | Post Conference List | 7 | | | 6 | | 1 | |
| 18 | Requirement Determination/ Provisioning Model | 8 | | | 5 | 2 | 1 | |
| 19 | Cataloging/Control and Cross Reference | 13 | | | 1 | 7 | 2 | 3 |
| 20 | Supply Support Request | 1 | | | 1 | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 13 | 1 | | | | 9 | 3 |
| 22 | PIO Funding/ Procurement Budget Review | 1 | | | | 1 | | |
| 23 | Packaging/Packaging | 1 | | | | | 1 | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | 1 | | | | 1 | | |
| 26 | PIO Release/ Purchase Order | -- | | | | | | |
| 27 | Due-In Asset/Cash Flow | -- | | | | | | |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | |
| 29 | Buy Back | -- | | | | | | |
| | TOTALS | 134 | 37 | -- | 28 | 25 | 28 | 16 |

Table 9-C

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Technical Data

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|--|---------------|-------------|-----------|----------|---------|-------------|---------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 01 | Documentation Requirements | -- | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 5 | | | | | | 5 |
| 04 | Interim LLIL | 14 | | | 10 | | 4 | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 19 | 9 | | 1 | | 4 | 5 |
| 06 | Screening/Screening | -- | | | | | | |
| 07 | I & S/Screening | -- | | | | | | |
| 08 | SAIP | 1 | | | | | 1 | |
| 09 | Provisioning Technical/ End Item Data | 18 | 9 | | | | 4 | 5 |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 5 | | | 2 | | 3 | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | 1 | | | | 1 | | |
| 13 | NC-ND Number | -- | | | | | | |
| 14 | Initial Spares Support | 4 | | | 1 | | 3 | |
| 15 | SERD | -- | | | | | | |
| 16 | Design Change Notice/ Revision Service | 19 | 9 | | | 1 | 4 | 5 |

Table 9-C

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Technical Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|---|------------|-------------|-----------|-----------|-----------|-------------|-----------|
| | | | MB/ MB | MB/ BM | MB/ / MB | MB X | X MB | |
| 17 | Post Conference List | 4 | | | 1 | | 3 | |
| 18 | Requirement Determination/ Provisioning Model | 8 | 1 | | | | 3 | 4 |
| 19 | Cataloging/Control and Cross Reference | 2 | | | | | 1 | 1 |
| 20 | Supply Support Request | -- | | | | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 11 | | | | 7 | | 4 |
| 22 | PIO Funding/ Procurement Budget Review | 1 | | | | 1 | | |
| 23 | Packaging/Packaging | 1 | | | | | | 1 |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | 1 | | | | 1 | | |
| 26 | PIO Release/ Purchase Order | 1 | | | | 1 | | |
| 27 | Due-In Asset/Cash Flow | -- | | | | | | |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 1 | | | | 1 | | |
| | TOTALS | 116 | 28 | -- | 15 | 13 | 30 | 30 |

Table 9-D

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Procurement Data

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|--|---------------|-------------|-----------|----------|---------|-------------|----|
| | | | MB/ MB | MB/ BM | MB/ / | MB X | X MB | |
| 01 | Documentation Requirements | -- | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | -- | | | | | | |
| 04 | Interim LLIL | 5 | | | 4 | | 1 | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 15 | 4 | | | | 1 | 10 |
| 06 | Screening/Screening | -- | | | | | | |
| 07 | I & S/Screening | -- | | | | | | |
| 08 | SAIP | 4 | | | 3 | | 1 | |
| 09 | Provisioning Technical/ End Item Data | 5 | | | 4 | | 1 | |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 5 | | | 4 | | 1 | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | 14 | 1 | | | 3 | | 10 |
| 13 | NC-ND Number | -- | | | | | | |
| 14 | Initial Spares Support | 1 | | | 1 | | | |
| 15 | SERD | -- | | | | | | |
| 16 | Design Change Notice/ Revision Service | 18 | 3 | | | 1 | 4 | 10 |

Table 9-D

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Procurement Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|---|---------------|-------------|-----------|-----------|----------|-------------|-----------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 17 | Post Conference List | 2 | | | 2 | | | |
| 18 | Requirement Determination/ Provisioning Model | 9 | | | 4 | | 5 | |
| 19 | Cataloging/Control and Cross Reference | 3 | | | 3 | | | |
| 20 | Supply Support Request | -- | | | | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 10 | 3 | | | | 1 | 6 |
| 22 | PIO Funding/ Procurement Budget Review | 13 | 3 | | | | | 10 |
| 23 | Packaging/Packaging | 2 | | | 2 | | | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | 13 | 2 | | | 1 | | 10 |
| 26 | PIO Release/ Purchase Order | 7 | 2 | | | | | 5 |
| 27 | Due-In Asset/Cash Flow | 3 | | | 2 | | | 1 |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 1 | | | | | | 1 |
| | TOTALS | 130 | 18 | -- | 29 | 5 | 15 | 63 |

Table 9-E

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Administration Data

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|--|---------------|-------------|-----------|----------|---------|-------------|---------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 01 | Documentation Requirements | -- | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 8 | | | | | | 8 |
| 04 | Interim LLIL | 12 | | | 10 | | 2 | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 20 | 10 | | | | 2 | 8 |
| 06 | Screening/Screening | 1 | | | | 1 | | |
| 07 | I & S/Screening | 1 | | | | 1 | | |
| 08 | SAIP | -- | | | | | | |
| 09 | Provisioning Technical/ End Item Data | 20 | 10 | | | | 2 | 8 |
| 10 | SPTD/Manufacturers Technical Data | 2 | | | 2 | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 5 | | 1 | 3 | | | 1 |
| 12 | Item Cost-Price Review/ Procurement Budget Review | 18 | | | | 10 | | 8 |
| 13 | NC-ND Number | -- | | | | | | |
| 14 | Initial Spares Support | -- | | | | | | |
| 15 | SERD | -- | | | | | | |
| 16 | Design Change Notice/ Revision Service | 20 | 10 | | | | 2 | 8 |

Table 9-E

PROVISIONING MATRIX DATA CATEGORIES
Manufacturer Administration Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | Unique Data | |
|--------|---|---------------|-------------|-----------|-----------|-----------|-------------|-----------|
| | | | MB/ MB | MB/ BM | MB/ / | / MB | MB X | X MB |
| 17 | Post Conference List | -- | | | | | | |
| 18 | Requirement Determination/ Provisioning Model | 17 | | | | 9 | | 8 |
| 19 | Cataloging/Control and Cross Reference | 1 | | | | 1 | | |
| 20 | Supply Support Request | -- | | | | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 18 | | | | 10 | | 8 |
| 22 | PIO Funding/ Procurement Budget Review | 18 | | | | 10 | | 8 |
| 23 | Packaging/Packaging | 1 | | | | 1 | | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | 18 | | | | 10 | | 8 |
| 26 | PIO Release/ Purchase Order | 1 | | | | 1 | | |
| 27 | Due-In Asset/Cash Flow | -- | | | | | | |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 1 | | | | 1 | | |
| | TOTALS | 182 | 30 | 1 | 15 | 55 | 8 | 73 |

9. Matrix Data Categories (continued)

c. Table 10 represents the analogue of Table 9 for buyer generated provisioning data. In this case elements are distributed over buyer designation codes listed in the following order: BM/BM, BM/MB, BM/, /BM, B/, BMX, BX, XBM. Once again the initial BM/BM category depicts the condition of maximum commonality between the two provisioning methods. However, BM/MB data represents an important distinction between methods, i.e., the Air Force is producing while commercial provisioning is receiving manufacturer data. The remaining data categories are analagous to those of Table 9 with the exception of the B/ and BX categories. These represent Air Force provisioning activity in addition to the commercial method in functionally equivalent as well as unique Air Force events.

Table 10

PROVISIONING MATRIX DATA CATEGORIES
Buyer Data Summary

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|--|---------------|-------------|-----------|----------|----|---------|-------------|--------|---------|
| | | | BM/ BM | BM/ MB | BM/ / | BM | B/ B | BM X | B X | X BM |
| 01 | Documentation Requirements | 22 | | | | | 18 | | 4 | |
| 02 | Contract Award/ Purchase Agreement | 2 | | | | | | 2 | | |
| 03 | Guidance/Preprovisioning Conference | 59 | | 30 | 14 | | | 15 | | |
| 04 | Interim LLIL | 3 | | | | | | 3 | | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 3 | | | | | | 3 | | |
| 06 | Screening/Screening | 3 | | 1 | | | | | 2 | |
| 07 | I & S/Screening | 1 | | 1 | | | | | | |
| 08 | SAIP | -- | | | | | | | | |
| 09 | Provisioning Technical/ End Item Data | 2 | | | | | | 2 | | |
| 10 | SPTD/Manufacturers Technical Data | 3 | | | | | 1 | 2 | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 28 | 4 | | | | 8 | 2 | 14 | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | -- | | | | | | | | |
| 13 | NC-ND Number | -- | | | | | | | | |
| 14 | Initial Spares Support | 12 | | | | | 9 | | 3 | |
| 15 | SERD | -- | | | | | | | | |
| 16 | Design Change Notice/ Revision Service | 2 | | | | | | 2 | | |

Table 10

PROVISIONING MATRIX DATA CATEGORIES
Buyer Data Summary (Continued)

| Number | Event Name | Total Data | Common Data | | | | Unique Data | | | |
|--------|---|------------|-------------|--------|----------|----|-------------|-----|------|----|
| | | | BM/ BM | BM/ MB | BM/ / BM | B/ | BM X | B X | X BM | |
| 17 | Post Conference List | 25 | | | | 12 | | 13 | | |
| 18 | Requirement Determination/ Provisioning Model | 25 | | 6 | | 6 | 1 | 12 | | |
| 19 | Cataloging/Control and Cross Reference | 13 | 1 | 3 | | 2 | | 7 | | |
| 20 | Supply Support Request | 9 | | | | 3 | | 6 | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 20 | | 2 | | 2 | 1 | 11 | 4 | |
| 22 | PIO Funding/ Procurement Budget Review | 7 | | 1 | | | | 6 | | |
| 23 | Packaging/Packaging | 2 | | | | 1 | | 1 | | |
| 24 | Delivery Date Acceptance-Rejection | 5 | | | | | | 5 | | |
| 25 | Spares Pricing/ Procurement Budget Review | 5 | | 1 | | | | 4 | | |
| 26 | PIO Release/ Purchase Order | 13 | | | | 2 | | 6 | 5 | |
| 27 | Due-In Asset/Cash Flow | 7 | | | | 1 | | 5 | 1 | |
| 28 | Operational Need Date/ Operational Need Date | 1 | | | | | 1 | | | |
| 29 | Buy Back | 2 | | | | 1 | | | 1 | |
| | TOTALS | 274 | 5 | 45 | 14 | 4 | 62 | 34 | 99 | 11 |

9. Matrix Data Categories (continued)

d. The summary results of Table 10 are partitioned over each of the 5 operational data types of the Table 9 series, i.e., Table 10-A, Control; Table 10-B, Application; Table 10-C, Technical; Table 10-D, Procurement, and Table 10-E, the buyer originated Administration data.

Table 10-A

PROVISIONING MATRIX DATA CATEGORIES
Buyer Control Data

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|--|------------|-------------|--------|----------|----|------|-------------|------|--|
| | | | BM/ BM | BM/ MB | BM/ / BM | B/ | BM X | B X | X BM | |
| 01 | Documentation Requirements | -- | | | | | | | | |
| 02 | Contract Award/ Purchase Agreement | 2 | | | | | | 2 | | |
| 03 | Guidance/Preprovisioning Conference | 11 | | 10 | | | | 1 | | |
| 04 | Interim LLIL | 2 | | | | | | 2 | | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 2 | | | | | | 2 | | |
| 06 | Screening/Screening | 3 | | 1 | | | | | 2 | |
| 07 | I & S/Screening | 1 | | 1 | | | | | | |
| 08 | SAIP | -- | | | | | | | | |
| 09 | Provisioning Technical/ End Item Data | 2 | | | | | | 2 | | |
| 10 | SPTD/Manufacturers Technical Data | 2 | | | | | | 2 | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 2 | | | | | | 2 | | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | -- | | | | | | | | |
| 13 | NC-ND Number | -- | | | | | | | | |
| 14 | Initial Spares Support | -- | | | | | | | | |
| 15 | SERD | -- | | | | | | | | |
| 16 | Design Change Notice/ Revision Service | 2 | | | | | | 2 | | |

Table 10-A

PROVISIONING MATRIX DATA CATEGORIES
Buyer Control Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|---|---------------|-------------|-----------|-----------|-----------|-----------|-------------|----------|-----------|
| | | | BM/ BM | BM/ MB | BM/ / | / BM | B/ B | BM X | B X | X BM |
| 17 | Post Conference List | -- | | | | | | | | |
| 18 | Requirement Determination/ Provisioning Model | 1 | | | | | | 1 | | |
| 19 | Cataloging/Control and Cross Reference | 3 | 1 | | | | | | 2 | |
| 20 | Supply Support Request | -- | | | | | | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 1 | | | | | | 1 | | |
| 22 | PIO Funding/ Procurement Budget Review | -- | | | | | | | | |
| 23 | Packaging/Packaging | -- | | | | | | | | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | -- | | | | | | | | |
| 26 | PIO Release/ Purchase Order | -- | | | | | | | | |
| 27 | Due-In Asset/Cash Flow | -- | | | | | | | | |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | | | |
| 29 | Buy Back | -- | | | | | | | | |
| | TOTALS | 34 | 1 | 12 | -- | -- | -- | 17 | 4 | -- |

Table 10-B

PROVISIONING MATRIX DATA CATEGORIES
Buyer Application Data

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|--|---------------|-------------|-----------|----------|---------|----------|-------------|--------|---------|
| | | | BM/ BM | BM/ MB | BM/ / | / BM | B/ B/ | BM X | B X | X BM |
| 01 | Documentation Requirements | 9 | | | | | 9 | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 16 | | 2 | 8 | | | 6 | | |
| 04 | Interim LLIL | 1 | | | | | | 1 | | |
| 05 | Recommended LLIL/ Long Lead-Time Items | 1 | | | | | | 1 | | |
| 06 | Screening/Screening | -- | | | | | | | | |
| 07 | I & S/Screening | -- | | | | | | | | |
| 08 | SAIP | -- | | | | | | | | |
| 09 | Provisioning Technical/ End Item Data | -- | | | | | | | | |
| 10 | SPTD/Manufacturers Technical Data | 1 | | | | | 1 | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 9 | 4 | | | | | | 5 | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | -- | | | | | | | | |
| 13 | NC-ND Number | -- | | | | | | | | |
| 14 | Initial Spares Support | 2 | | | | | 2 | | | |
| 15 | SERD | -- | | | | | | | | |
| 16 | Design Change Notice/ Revision Service | -- | | | | | | | | |

Table 10-B

PROVISIONING MATRIX DATA CATEGORIES
Buyer Application Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|---|------------|-------------|----------|----------|-----------|-----------|-------------|-----------|-----------|
| | | | BM/ BM | BM/ MB | BM/ / BM | B/ | BM X | B X | X BM | |
| 17 | Post Conference List | 5 | | | | | 3 | | 2 | |
| 18 | Requirement Determination/ Provisioning Model | 5 | | | | | 3 | | 2 | |
| 19 | Cataloging/Control and Cross Reference | 5 | | 1 | | | 1 | | 3 | |
| 20 | Supply Support Request | 2 | | | | | 1 | | 1 | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 1 | | | | | 1 | | | |
| 22 | PIO Funding/ Procurement Budget Review | -- | | | | | | | | |
| 23 | Packaging/Packaging | 1 | | | | | | | 1 | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | -- | | | | | | | | |
| 26 | PIO Release/ Purchase Order | -- | | | | | | | | |
| 27 | Due-In Asset/Cash Flow | -- | | | | | | | | |
| 28 | Operational Need Date/ Operational Need Date | 1 | | | | | | | 1 | |
| 29 | Buy Back | -- | | | | | | | | |
| | TOTALS | 59 | 4 | 3 | 8 | -- | 21 | 10 | 13 | -- |

Table 10-C

PROVISIONING MATRIX DATA CATEGORIES
Buyer Technical Data

| Number | Event Name | Total Data | Common Data | | | | Unique Data | | |
|--------|--|------------|-------------|--------|----------|----|-------------|-----|------|
| | | | BM/ BM | BM/ MB | BM/ / BM | B/ | BM X | B X | X BM |
| 01 | Documentation Requirements | 13 | | | | 9 | | 4 | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 15 | | 8 | 2 | | 5 | | |
| 04 | Interim LLIL | -- | | | | | | | |
| 05 | Recommended LLIL/ Long Lead-Time Items | -- | | | | | | | |
| 06 | Screening/Screening | -- | | | | | | | |
| 07 | I & S/Screening | -- | | | | | | | |
| 08 | SAIP | -- | | | | | | | |
| 09 | Provisioning Technical/ End Item Data | -- | | | | | | | |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 17 | | | | 8 | | 9 | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | -- | | | | | | | |
| 13 | NC-ND Number | -- | | | | | | | |
| 14 | Initial Spares Support | 10 | | | | 7 | | 3 | |
| 15 | SERD | -- | | | | | | | |
| 16 | Design Change Notice/ Revision Service | -- | | | | | | | |

Table 10-C

PROVISIONING MATRIX DATA CATEGORIES
Buyer Technical Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|---|------------|-------------|-----------|----------|-----------|-----------|-------------|-----------|-----------|
| | | | BM/ BM | BM/ MB | BM/ / | / | BM | B/ BM | B X | X BM |
| 17 | Post Conference List | 20 | | | | | 9 | | 11 | |
| 18 | Requirement Determination/ Provisioning Model | 19 | | 6 | | | 3 | | 10 | |
| 19 | Cataloging/Control and Cross Reference | 5 | | 2 | | | 1 | | 2 | |
| 20 | Supply Support Request | 7 | | | | | 2 | | 5 | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 7 | | 1 | | | 1 | | 5 | |
| 22 | PIO Funding/ Procurement Budget Review | -- | | | | | | | | |
| 23 | Packaging/Packaging | -- | | | | | | | | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | -- | | | | | | | | |
| 26 | PIO Release/ Purchase Order | -- | | | | | | | | |
| 27 | Due-In Asset/Cash Flow | -- | | | | | | | | |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | | | |
| 29 | Buy Back | -- | | | | | | | | |
| | TOTALS | 113 | -- | 17 | 2 | -- | 40 | 5 | 49 | -- |

Table 10-D

PROVISIONING MATRIX DATA CATEGORIES
Buyer Procurement Data

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|--|------------|-------------|--------|----------|----|------|-------------|------|--|
| | | | BM/ BM | BM/ MB | BM/ / BM | B/ | BM X | B X | X BM | |
| 01 | Documentation Requirements | -- | | | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 5 | | | 4 | | | 1 | | |
| 04 | Interim LLIL | -- | | | | | | | | |
| 05 | Recommended LLIL/ Long Lead-Time Items | -- | | | | | | | | |
| 06 | Screening/Screening | -- | | | | | | | | |
| 07 | I & S/Screening | -- | | | | | | | | |
| 08 | SAIP | -- | | | | | | | | |
| 09 | Provisioning Technical/ End Item Data | -- | | | | | | | | |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | -- | | | | | | | | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | -- | | | | | | | | |
| 13 | NC-ND Number | -- | | | | | | | | |
| 14 | Initial Spares Support | -- | | | | | | | | |
| 15 | SERD | -- | | | | | | | | |
| 16 | Design Change Notice/ Revision Service | -- | | | | | | | | |

Table 10-D

PROVISIONING MATRIX DATA CATEGORIES
Buyer Procurement Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|---|---------------|-------------|-----------|----------|----------|----------|-------------|-----------|-----------|
| | | | BM/ BM | BM/ MB | BM/ / | / | B/ BM | BM X | B X | X BM |
| 17 | Post Conference List | -- | | | | | | | | |
| 18 | Requirement Determination/ Provisioning Model | -- | | | | | | | | |
| 19 | Cataloging/Control and Cross Reference | -- | | | | | | | | |
| 20 | Supply Support Request | -- | | | | | | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | 11 | | 1 | | | | | 6 | 4 |
| 22 | PIO Funding/ Procurement Budget Review | 7 | | 1 | | | | | 6 | |
| 23 | Packaging/Packaging | 1 | | | | | 1 | | | |
| 24 | Delivery Date Acceptance-Rejection | 5 | | | | | | | 5 | |
| 25 | Spares Pricing/ Procurement Budget Review | 5 | | 1 | | | | | 4 | |
| 26 | PIO Release/ Purchase Order | 13 | | | | 2 | | | 6 | 5 |
| 27 | Due-In Asset/Cash Flow | 7 | | | | 1 | | | 5 | 1 |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | | | |
| 29 | Buy Back | 2 | | | | 1 | | | | 1 |
| | TOTALS | 56 | -- | 3 | 4 | 4 | 1 | 1 | 32 | 11 |

Table 10-E

PROVISIONING MATRIX DATA CATEGORIES
Buyer Administrative Data

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|--|---------------|-------------|-----------|----------|---|----------|-------------|--------|---------|
| | | | BM/ BM | BM/ MB | BM/ / | / | 3/ BM | BM X | B X | X BM |
| 01 | Documentation Requirements | -- | | | | | | | | |
| 02 | Contract Award/ Purchase Agreement | -- | | | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 12 | | 10 | | | | 2 | | |
| 04 | Interim LLIL | -- | | | | | | | | |
| 05 | Recommended LLIL/ Long Lead-Time Items | -- | | | | | | | | |
| 06 | Screening/Screening | -- | | | | | | | | |
| 07 | I & S/Screening | -- | | | | | | | | |
| 08 | SAIP | -- | | | | | | | | |
| 09 | Provisioning Technical/ End Item Data | -- | | | | | | | | |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | -- | | | | | | | | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | -- | | | | | | | | |
| 13 | NC-ND Number | -- | | | | | | | | |
| 14 | Initial Spares Support | -- | | | | | | | | |
| 15 | SERD | -- | | | | | | | | |
| 16 | Design Change Notice/ Revision Service | -- | | | | | | | | |

Table 10-E

PROVISIONING MATRIX DATA CATEGORIES
Buyer Administrative Data (Continued)

| Number | Event Name | Total Data | Common Data | | | | | Unique Data | | |
|--------|---|---------------|-------------|-----------|----------|----|----------|-------------|--------|---------|
| | | | BM/ BM | BM/ MB | BM/ / | / | B/ BM | BM X | B X | X BM |
| 17 | Post Conference List | -- | | | | | | | | |
| 18 | Requirement Determination/ Provisioning Model | -- | | | | | | | | |
| 19 | Cataloging/Control and Cross Reference | -- | | | | | | | | |
| 20 | Supply Support Request | -- | | | | | | | | |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | -- | | | | | | | | |
| 22 | PIO Funding/ Procurement Budget Review | -- | | | | | | | | |
| 23 | Packaging/Packaging | -- | | | | | | | | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | | | |
| 25 | Spares Pricing/ Procurement Budget Review | -- | | | | | | | | |
| 26 | PIO Release/ Purchase Order | -- | | | | | | | | |
| 27 | Due-In Asset/Cash Flow | -- | | | | | | | | |
| 28 | Operational Need Date/ Operational Need Date | -- | | | | | | | | |
| 29 | Buy Back | -- | | | | | | | | |
| | TOTALS | 12 | -- | 10 | -- | -- | -- | 2 | | |

10. Matrix Specification

a. Table 11 specified each of the 29 integrated Air Force and commercial Provisioning Matrix events according to data element compatibility, similarity and uniqueness. Compatible Air Force and commercial data elements are quantified in conjunction with data determined to be potentially compatible following minor revision such as conversion. Unique data within each of the integrated Provisioning Matrix events is separately tabulated according to its data designation. Data flowing from the manufacturer to the buyer (MB) is listed to support analysis directed toward bridging the gaps between ATA and Air Force provisioning. Hence, unique Air Force and ATA elements are quantified for MB designated data as well as buyer data in the final columns of Table 11.

Table 11
PROVISIONING MATRIX SPECIFICATION
Summary

| Number | Event Name | Total | Com- patible | Data Element Disposition | | | | |
|--------|---|-------|-----------------|--------------------------|---------|-----|-----------|-----|
| | | | | Similar | Unique* | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 01 | Documentation Require- ments | 22 | 2 | 16 | 4 | -- | -- | -- |
| 02 | Contract Award/Pur- chase Agreement | 2 | -- | -- | 2 | -- | -- | -- |
| 03 | Guidance/Preprovisioning Conference | 82 | 16 | 31 | 15 | -- | -- | 20 |
| 04 | Interim LLIL | 62 | 16 | 30 | 3 | -- | 13 | -- |
| 05 | Recommended LLIL/Long Lead-Time Items | 95 | 16 | 32 | 3 | -- | 13 | 31 |
| 06 | Screening/Screening | 21 | 4 | 9 | 2 | -- | -- | 6 |
| 07 | I&S/Screening | 19 | 4 | 9 | -- | -- | -- | 6 |
| 08 | SAIP | 8 | 5 | 1 | -- | -- | 2 | -- |
| 09 | Provisioning Technical/ End Item Data | 83 | 15 | 32 | 2 | -- | 13 | 21 |
| 10 | SPTD/Manufacturers Technical Data | 16 | 5 | 9 | 2 | -- | -- | -- |
| 11 | Provisioning Conference/ Conferences/Forecasting | 68 | 13 | 27 | 16 | -- | 7 | 5 |
| 12 | Item Cost Price Review/ Procurement Budget Review | 54 | 14 | 15 | -- | -- | -- | 25 |
| 13 | NC-ND Number | 8 | 3 | 5 | -- | -- | -- | -- |
| 14 | Initial Spares Support | 27 | 4 | 17 | 3 | -- | 3 | -- |
| 15 | SERD | 2 | 2 | -- | -- | -- | -- | -- |

*Excluding Unique MB Elements

Table 11

PROVISIONING MATRIX SPECIFICATION
Summary (Continued)

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|--|-------|--------------------------|---------|---------|-----|-----------|-----|
| | | | Com- patible | Similar | *Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 16 | Design Change Notice/ Revision Service | 99 | 16 | 32 | 2 | -- | 15 | 34 |
| 17 | Post Conference List | 41 | 6 | 17 | 13 | -- | 5 | -- |
| 18 | Requirements Determination/ Provisioning Model | 73 | 13 | 25 | 13 | -- | 10 | 12 |
| 19 | Cataloging/Control and Cross Reference | 49 | 9 | 19 | 7 | -- | 3 | 11 |
| 20 | Supply Support Request | 17 | 2 | 9 | 6 | -- | -- | -- |
| 21 | Provisioning Item Order/ Recommended Spares/ Purchasing Decision | 92 | 16 | 31 | 12 | 4 | 1 | 28 |
| 22 | PIO Funding/Procurement Budget Review | 60 | 14 | 15 | 6 | -- | -- | 25 |
| 23 | Packaging/Packaging | 14 | 5 | 4 | 1 | -- | 1 | 3 |
| 24 | Delivery Date Acceptance- Rejection | 5 | -- | -- | 5 | -- | -- | -- |
| 25 | Spares Pricing/Procurement Budget Review | 58 | 14 | 15 | 4 | -- | -- | 25 |
| 26 | PIO Release/ Purchase Order | 31 | 7 | 4 | 6 | 5 | -- | 9 |
| 27 | Due-In Assets/Cash Flow | 12 | 4 | 1 | 5 | 1 | -- | 1 |
| 28 | Operational Need Date/ Operational Need Date | 1 | -- | -- | 1 | -- | -- | -- |
| 29 | Buy Back | 17 | 6 | 6 | -- | 1 | -- | 4 |
| | TOTALS | 1138 | 231 | 411 | 133 | 11 | 86 | 266 |

10. Matrix Specification (continued)

b. Results summarized in Table 11 are separated into each of the 5 sets of operationally equivalent data or data types as follows: Table 11-A, Control data; Table 11-B, Application; Table 11-C, Technical; Table 11-D, Procurement, and Table 11-E, operationally equivalent Administration data.

Table 11-A

PROVISIONING MATRIX SPECIFICATION
Control Data Type

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|--|-------|--------------------------|---------|--------|-----|-----------|-----|
| | | | Com- patible | Similar | Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 01 | Documentation Requirements | -- | | | | | | |
| 02 | Contract Award/Purchase Agreement | 2 | -- | -- | 2 | | | |
| 03 | Guidance/Preprovisioning Conference | 21 | 4 | 9 | 1 | | | 7 |
| 04 | Interim LLIL | 15 | 4 | 8 | 2 | | 1 | |
| 05 | Recommended LLIL/Long Lead-Time Items | 23 | 4 | 9 | 2 | | 1 | 7 |
| 06 | Screening/Screening | 18 | 3 | 7 | 2 | | | 6 |
| 07 | I&S/Screening | 16 | 3 | 7 | | | | 6 |
| 08 | SAIP | 3 | 3 | | | | | |
| 09 | Provisioning Technical/End Item Data | 23 | 4 | 9 | 2 | | 1 | 7 |
| 10 | SPTD/Manufacturers Technical Data | 13 | 4 | 7 | 2 | | | |
| 11 | Provisioning Conference/Conferences/Forecasting | 14 | 4 | 8 | 2 | | | |
| 12 | Item Cost Price Review/Procurement Budget Review | 20 | 4 | 9 | | | | 7 |
| 13 | NC-ND Number | 7 | 3 | 4 | | | | |
| 14 | Initial Spares Support | 9 | 3 | 6 | | | | |
| 15 | SERD | 2 | 2 | | | | | |
| 16 | Design Change Notice/Revision Service | 22 | 4 | 9 | 2 | | | 7 |

Table 11-A

PROVISIONING MATRIX SPECIFICATION
Control Data Type (Continued)

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|--|------------|--------------------------|------------|-----------|-----------|-----------|-----------|
| | | | Com- patible | Similar | Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 17 | Post Conference List | 3 | 2 | -- | | | 1 | |
| 18 | Requirements Determination/Provisioning Model | 7 | 2 | 3 | 1 | | 1 | |
| 19 | Cataloging/Control and Cross Reference | 20 | 4 | 7 | 2 | | | 7 |
| 20 | Supply Support Request | 7 | 2 | 5 | | | | |
| 21 | Provisioning Item Order/Recommended Spares/Purchasing Decision | 21 | 4 | 9 | 1 | | | 7 |
| 22 | PIO Funding/Procurement Budget Review | 20 | 4 | 9 | | | | 7 |
| 23 | Packaging/Packaging | 7 | 2 | 3 | | | | 2 |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/Procurement Budget Review | 20 | 4 | 9 | | | | 7 |
| 26 | PIO Release/Purchase Order | 9 | 2 | 3 | | | | 4 |
| 27 | Due-In Assets/Cash Flow | 2 | 2 | | | | | |
| 28 | Operational Need Date/Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 12 | 3 | 6 | | | | 3 |
| | TOTALS | 336 | 80 | 146 | 21 | -- | 5 | 84 |

Table 11-B

PROVISIONING MATRIX SPECIFICATION
Application Data Type

| Number | Event Name | Total | Data Element Disposition | | | |
|--------|---|-------|--------------------------|---------|------------------|---------------------|
| | | | Com- patible | Similar | Unique AF ATA | Unique MB AF ATA |
| 01 | Documentation Require- ments | 9 | 2 | 7 | | |
| 02 | Contract Award/Pur- chase Agreement | -- | | | | |
| 03 | Guidance/Preprovisioning Conference | 16 | 2 | 8 | 6 | |
| 04 | Interim LLIL | 16 | 2 | 8 | 1 | 5 |
| 05 | Recommended LLIL/Long Lead-Time Items | 18 | 2 | 9 | 1 | 5 1 |
| 06 | Screening/Screening | 2 | -- | 2 | | |
| 07 | I&S/Screening | 2 | -- | 2 | | |
| 08 | SAIP | -- | | | | |
| 9 | Provisioning Technical/ End Item Data | 17 | 2 | 9 | | 5 1 |
| 10 | SPTD/Manufacturers Technical Data | 1 | -- | 1 | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 22 | 2 | 8 | 5 | 3 4 |
| 12 | Item Cost Price Review/ Procurement Budget Review | 1 | -- | 1 | | |
| 13 | NC-ND Number | 1 | -- | 1 | | |
| 14 | Initial Spares Support | 3 | -- | 3 | | |
| 15 | SERD | -- | | | | |
| 16 | Design Change Notice/ Revision Service | 20 | 2 | 9 | | 5 4 |

Table 11-B

PROVISIONING MATRIX SPECIFICATION
Application Data Type (Continued)

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|--|------------|--------------------------|------------|-----------|----------|-----------|-----------|
| | | | Com- patible | Similar | Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 17 | Post Conference List | 12 | 2 | 7 | 2 | | 1 | |
| 18 | Requirements Determination/Provisioning Model | 13 | 2 | 8 | 2 | | 1 | |
| 19 | Cataloging/Control and Cross Reference | 18 | 2 | 8 | 3 | | 2 | 3 |
| 20 | Supply Support Request | 3 | -- | 2 | 1 | | | |
| 21 | Provisioning Item Order/Recommended Spares/Purchasing Decision | 14 | 2 | 9 | | | | 3 |
| 22 | PIO Funding/Procurement Budget Review | 1 | -- | 1 | | | | |
| 23 | Packaging/Packaging | 2 | -- | | 1 | | 1 | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/Procurement Budget Review | 1 | -- | 1 | | | | |
| 26 | PIO Release/Purchase Order | -- | | | | | | |
| 27 | Due-In Assets/Cash Flow | -- | | | | | | |
| 28 | Operational Need Date/Operational Need Date | 1 | -- | | 1 | | | |
| 29 | Buy Back | -- | | | | | | |
| | TOTAL | 193 | 22 | 104 | 23 | 0 | 28 | 16 |

Table 11-C

PROVISIONING MATRIX SPECIFICATION
Technical Data Type

| Number | Event Name | Total | Data Element Disposition | | | |
|--------|---|-------|--------------------------|---------|------------------|---------------------|
| | | | Com- patible | Similar | Unique AF ATA | Unique MB AF ATA |
| 01 | Documentation Require- ments | 13 | -- | 9 | 4 | |
| 02 | Contract Award/Pur- chase Agreement | -- | | | | |
| 03 | Guidance/Preprovisioning Conference | 20 | 1 | 9 | 5 | 5 |
| 04 | Interim LLIL | 14 | 1 | 9 | | 4 |
| 05 | Recommended LLIL/Long Lead-Time Items | 19 | 1 | 9 | | 4 5 |
| 06 | Screening/Screening | -- | | | | |
| 07 | I&S/Screening | -- | | | | |
| 08 | SAIP | 1 | | | | 1 |
| 09 | Provisioning Technical/ End Item Data | 18 | -- | 9 | | 4 5 |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 22 | 1 | 9 | 9 | 3 |
| 12 | Item Cost Price Review/ Procurement Budget Review | 1 | 1 | | | |
| 13 | NC-ND Number | -- | | | | |
| 14 | Initial Spares Support | 14 | -- | 8 | 3 | 3 |
| 15 | SERD | -- | | | | |
| 16 | Design Change Notice/ Revision Service | 19 | 1 | 9 | | 4 5 |

Table 11-C

PROVISIONING MATRIX SPECIFICATION
Technical Data Type (Continued)

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|--|------------|--------------------------|------------|-----------|-----------|-----------|-----------|
| | | | Com- patible | Similar | Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 17 | Post Conference List | 24 | 1 | 9 | 11 | | 3 | |
| 18 | Requirements Determination/Provisioning Model | 27 | 1 | 9 | 10 | | 3 | 4 |
| 19 | Cataloging/Control and Cross Reference | 7 | -- | 3 | 2 | | 1 | 1 |
| 20 | Supply Support Request | 7 | -- | 2 | 5 | | | |
| 21 | Provisioning Item Order/Recommended Spares/Purchasing Decision | 18 | 1 | 8 | 5 | | | 4 |
| 22 | PIO Funding/Procurement Budget Review | 1 | 1 | | | | | |
| 23 | Packaging/Packaging | 1 | -- | -- | -- | -- | -- | 1 |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/Procurement Budget Review | 1 | 1 | | | | | |
| 26 | PIO Release/Purchase Order | 1 | 1 | | | | | |
| 27 | Due-In Assets/Cash Flow | -- | | | | | | |
| 28 | Operational Need Date/Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 1 | 1 | | | | | |
| | TOTALS | 229 | 13 | 102 | 54 | -- | 30 | 30 |

Table 11-D

PROVISIONING MATRIX SPECIFICATION
Manufacturer Control Data Type
Procurement Data Type

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|---|-------|--------------------------|---------|--------|-----|-----------|-----|
| | | | Com- patible | Similar | Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 01 | Documentation Require- ments | -- | | | | | | |
| 02 | Contract Award/Pur- chase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 5 | 3 | 1 | 1 | | | |
| 04 | Interim LLIL | 5 | 3 | 1 | | | 1 | |
| 05 | Recommended LLIL/Long Lead-Time Items | 15 | 3 | 1 | | | 1 | 10 |
| 06 | Screening/Screening | -- | | | | | | |
| 07 | I&S/Screening | -- | | | | | | |
| 08 | SAIP | 4 | 2 | 1 | | | 1 | |
| 09 | Provisioning Technical/ End Item Data | 5 | 3 | 1 | | | 1 | |
| 10 | SPTD/Manufacturers Technical Data | -- | | | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 5 | 3 | 1 | | | 1 | |
| 12 | Item Cost Price Review/ Procurement Budget Review | 14 | 3 | 1 | | | | 10 |
| 13 | NC-ND Number | -- | | | | | | |
| 14 | Initial Spares Support | 1 | 1 | | | | | |
| 15 | SERD | -- | | | | | | |
| 16 | Design Change Notice/ Revision Service | 18 | 3 | 1 | | | 4 | 10 |

Table 11-D

PROVISIONING MATRIX SPECIFICATION
Manufacturer Control Data Type
Procurement Data Type (Continued)

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|--|------------|--------------------------|-----------|-----------|-----------|-----------|-----------|
| | | | Com- patible | Similar | Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 17 | Post Conference List | 2 | 1 | 1 | | | | |
| 18 | Requirements Determination/Provisioning Model | 9 | 3 | 1 | | | 5 | |
| 19 | Cataloging/Control and Cross Reference | 3 | 2 | 1 | | | | |
| 20 | Supply Support Request | -- | | | | | | |
| 21 | Provisioning Item Order/Recommended Spares/Purchasing Decision | 21 | 3 | 1 | 6 | 4 | 1 | 6 |
| 22 | PIO Funding/Procurement Budget Review | 20 | 3 | 1 | 6 | | | 10 |
| 23 | Packaging/Packaging | 3 | 2 | 1 | | | | |
| 24 | Delivery Date Acceptance-Rejection | 5 | -- | -- | 5 | | | |
| 25 | Spares Pricing/Procurement Budget Review | 18 | 3 | 1 | 4 | | | 10 |
| 26 | PIO Release/Purchase Order | 20 | 3 | 1 | 6 | 5 | | 5 |
| 27 | Due-In Assets/Cash Flow | 10 | 2 | 1 | 5 | 1 | | 1 |
| 28 | Operational Need Date/Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 3 | 1 | -- | -- | 1 | | 1 |
| | TOTALS | 186 | 47 | 17 | 33 | 11 | 15 | 63 |

Table 11-E

PROVISIONING MATRIX SPECIFICATION
Administrative Data Type

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|---|-------|--------------------------|---------|--------|-----|-----------|-----|
| | | | Com- patible | Similar | Unique | | Unique MR | |
| | | | | | AF | ATA | AF | ATA |
| 01 | Documentation Require- ments | -- | | | | | | |
| 02 | Contract Award/Pur- chase Agreement | -- | | | | | | |
| 03 | Guidance/Preprovisioning Conference | 20 | 6 | 4 | 2 | | | 8 |
| 04 | Interim LLIL | 12 | 6 | 4 | | | 2 | |
| 05 | Recommended LLIL/Long Lead-Time Items | 20 | 6 | 4 | | | 2 | 8 |
| 06 | Screening/Screening | 1 | 1 | | | | | |
| 07 | I&S/Screening | 1 | 1 | | | | | |
| 08 | SAIP | -- | | | | | | |
| 09 | Provisioning Technical/ End Item Data | 20 | 6 | 4 | | | 2 | 8 |
| 10 | SPTD/Manufacturers Technical Data | 2 | 1 | 1 | | | | |
| 11 | Provisioning Conference/ Conferences/Forecasting | 5 | 3 | 1 | -- | | | 1 |
| 12 | Item Cost Price Review/ Procurement Budget Review | 18 | 6 | 4 | -- | | | 8 |
| 13 | NC-ND Number | -- | | | | | | |
| 14 | Initial Spares Support | -- | | | | | | |
| 15 | SERD | -- | | | | | | |
| 16 | Design Change Notice/ Revision Service | 20 | 6 | 4 | | | 2 | 8 |

Table 11-E

PROVISIONING MATRIX SPECIFICATION
Administrative Data Type (Continued)

| Number | Event Name | Total | Data Element Disposition | | | | | |
|--------|--|-------|--------------------------|---------|--------|-----|-----------|-----|
| | | | Com- patible | Similar | Unique | | Unique MB | |
| | | | | | AF | ATA | AF | ATA |
| 17 | Post Conference List | -- | | | | | | |
| 18 | Requirements Determination/Provisioning Model | 17 | 5 | 4 | -- | | | 8 |
| 19 | Cataloging/Control and Cross Reference | 1 | 1 | | | | | |
| 20 | Supply Support Request | -- | | | | | | |
| 21 | Provisioning Item Order/Recommended Spares/Purchasing Decision | 18 | 6 | 4 | -- | | | 8 |
| 22 | PIO Funding/Procurement Budget Review | 18 | 6 | 4 | -- | | | 8 |
| 23 | Packaging/Packaging | 1 | 4 | | | | | |
| 24 | Delivery Date Acceptance-Rejection | -- | | | | | | |
| 25 | Spares Pricing/Procurement Budget Review | 18 | 6 | 4 | -- | | | 8 |
| 26 | PIO Release/Purchase Order | 1 | 1 | | | | | |
| 27 | Due-In Assets/Cash Flow | -- | | | | | | |
| 28 | Operational Need Date/Operational Need Date | -- | | | | | | |
| 29 | Buy Back | 1 | 1 | | | | | |
| | TOTALS | 194 | 69 | 42 | 2 | 0 | 8 | 73 |

IV. CONCLUSION

1. Analysis

a. Correlations and differences between commercial provisioning and the Air Force provisioning methodologies have been determined in the first phase of the Air Force provisioning study. Comparisons are based on the analysis of a Provisioning Matrix constructed to comprehensively represent significant events and data incorporated in the two provisioning methods. Section V of the report includes numerous tables characterizing these events, data, data flow and data dependencies. In the following paragraphs, the correlations and/or differences between methods are discussed, with detailed consideration given to particular events and data leading to significant methodological distinctions.

b. The Air Force and commercial Event Matrices dimensioned respectively at 86 x 28 and 69 x 19 were combined to construct the Provisioning Matrix required for the analysis of the two provisioning methods. As anticipated, a unique data and provisioning event resulted in the addition of Provisioning Matrix rows and columns to 123 x 29 exceeding the dimensions of each Event Matrix. Events in the Air Force cycle which do not exist in commercial aviation have been identified in conjunction with the unique data requirements of each provisioning method. Nine Air Force events and 50% of the Air Force provisioning data set was determined to be unique to Air Force provisioning. A single commercial event and 50% of the data were similarly determined to be unique to the commercial method. Eighteen Air Force events completely unrepresentative of MIL-STD-1552A and the Addendum data elements were excluded from the Provisioning Matrix.

c. Events determined to be functionally equivalent between cycles were analyzed according to their data element requirements. Table 9 presents Provisioning Matrix data categories for the flow of information from the manufacturer to the buyer in each of the 29 events. Comparison of the results in Table 9 with event buyer data requirements in Table 10 revealed significant differences between 4 common events identified to be potentially equivalent within the Provisioning Matrix. The first such event in the combined provisioning cycle is event number 03, the Guidance/Preprovisioning Conference event. All of the manufacturer data in the third event is contributed exclusively by the commercial method while Air Force provisioning accounts for

all of the buyer elements. Notice that 30 Air Force elements in the buyer category were determined to flow from the manufacturer to the buyer in the commercial cycle. Similar comparisons established for three other common Provisioning Matrix events reveal differences between the dedicated events in their respective provisioning cycles. These events were all distinguished through the buyer data category and include event number 11, Provisioning Conference/Conferences/Forecasting; number 18, Requirement Determination/Provisioning Model; and 19, the Cataloging/Control and Cross Reference event.

d. The ten unique events in the Provisioning Matrix event set were not particularly distinguished regarding either their data, data flow or data volume. It is important to note that policies and procedures related to unique Air Force events may be excluded from consideration of any particular ATA impact. The unique events and respective policy and procedural items included the Document Requirements event for Data Item Description; Interim LLIL, DOD Standardization Program; SAIP, the SAIP item; NC-ND Number, the Federal Cataloging Program; Initial Spares Support, the D220 Provisioning System; SERD, no applicable policy or procedure; Post Conference List, D220; Supply Support Request, the D169 SSR System; Delivery Date Acceptance-Rejection, Basic Ordering Agreement; and the single unique commercial Buy Back event with no applicable procedural item.

e. Nineteen of the 29 Provisioning Matrix events were determined to be functionally equivalent between Air Force and commercial provisioning. These common events represent the greatest potential for ATA impact on Air Force policy and procedure. These events and applicable policy and procedural items are asterisked in Appendix A. These items were selected from the Provisioning Matrix to include the DOD Standardization Program, the Federal Cataloging Program, Initial Spares Requirements, Basic Ordering Agreements, Defense Acquisition Regulation, D220 AFLC Provisioning System, Spares Pricing, Spares Acquisition Integrated with Production, J041 Due-in Asset System, DO41 Recoverable Consumption Item Requirements Computation, DO43 Master Item Identification Control, DO49 Master Material Support Record, DO62 Economic Order Quantity Buy Computation, D169 Supply Support Request, and JO11 Acquisition Management Information.

f. Provisioning Matrix data elements were partitioned into 5 sets of operationally equivalent data in accordance with direction provided by the World Airline Suppliers' Guide. Results summarized in Tables 9 and 10 are separately presented for each of the 5 data types, i.e., Control elements, Application, Technical, Procurement and Administrative. For example, while Table 9 reveals a predominance of manufacturer commercial provisioning data (designation codes MB/MB, /MB, XMB), inspection of Tables 9-A through E indicate that commercial manufacturer data primarily exceeds the Air Force within the Administrative data type.

g. Consideration of the Provisioning Matrix buyer data requirements summarized in Table 10 reveal dramatic distinctions between Air Force and commercial provisioning. Air Force buyer data (codes BM/BM, BM/MB, BM/, B/, BMX, BX) is nearly 12 times the volume of commercial provisioning (codes /BM, XBM). Notice that there are no comparable incidences within codes XB, unique commercial buyer data; /B, commercial data in common with Air Force data in an event without Air Force element applicability. It is also notable that over 16% of the Air Force data flow to the manufacturer was determined to be in common with commercial data where commercial provisioning was receiving the same data from the manufacturer, i.e., designation code BM/MB. Inspection of results contained in Tables 10-A through E reveal that the provisioning methods are only compatible relative to buyer data requirements in the administrative data type. Nearly half of the Air Force buyer elements occur in the crucial technical data type which is totally devoid of commercial buyer data.

h. The data dependencies identified by the study regarding the application of data from events to the generation or modification of data in successor events served to validate the partition of Provisioning Matrix elements by type. Inspection of Table 8 reveals that element dependency is virtually exclusive within type, i.e., data from separate type categories does not cross type boundaries.

i. Unique Air Force and commercial data provided to the buyer by the manufacturer was emphasized in the first study phase. Particular attention was directed toward the specification of these elements in the anticipation that they provide important direction regarding the potential application of ATA provisioning to the Air Force. Consider the case of a unique Air Force MIL-STD-1552A data element. If the element is not currently supplied by the manufacturer to the Air Force, i.e., it is

either internal to the Air Force or Air Force produced for the manufacturer, then it is unnecessary to consider the possibility of adding the element to ATA specification. Hence, only the unique Air Force data flowing from the manufacturer needs to be considered in the attempt to bridge the gap between the two provisioning methods. A similar argument holds for unique commercial data elements. In the commercial case however, the potential benefit of the ATA elements needs to be assessed in order to justify their addition to MIL-STD-1552A. Commercial elements deemed unapplicable to Air Force needs can simply be ignored. Common data, i.e., compatible or similar data presented in Tables 4-A and B, can always be accommodated through the application of dedicated conversion routines. Results presented in Table 11 indicate that the unique set of Provisioning Matrix data is reduced when restricted to the MB type. Unique commercial elements experience a modest reduction while unique Air Force elements representing potential candidates for ATA inclusion are substantially diminished by nearly 40%.

2. Results

a. Specifications for each of the 28 events identified in the Air Force provisioning cycle are presented in Appendix A. Events appear according to their cyclic position from documentation requirements through the final operational need date event. The event sequence number, name, performed functions, and applicable Air Force policies and procedures are included for each event. Appendix B represents the commercial analog of Appendix A. Appendix B contains event specifications for each of the 19 events in the commercial provisioning cycle. Together, Appendices A and B provide information necessary to support the functional correlation of events from the separate provisioning methods.

b. Specifications for each of the Air Force and commercial data elements are provided in Appendices C and D. Appendix C alphabetically lists each of the 86 Air Force elements and Appendix D includes each of the 69 commercial provisioning data elements in conjunction with element name, description, block location, bit size, format, i.e., Alphabetic (A), Numeric (N) or Alphanumeric (A/N) and originating organization.

c. Appendix E contains the fundamental analytic tool developed to represent the similarities, differences, advantages and disadvantages of the two provisioning methods. The Air Force and commercial events of Appendices A and B were combined to obtain 29 events. Air Force and commercial data specified in Appendices C and D were related to define 123 data elements common and unique to Air Force and commercial provisioning. The 17 designation codes of Table 7 were utilized to conveniently and explicitly represent Air Force and commercial provisioning data applicable to their respective provisioning method. World Airline Suppliers' Guide data definitions have been employed to segment data elements into five operational categories to emphasize the similarities and differences between commonly applied operational data.

d. An alphabetically organized list of acronyms and abbreviations applicable to the study effort final report are in Appendix F.

e. The additional Data Tables and Figures used as briefing charts are provided in Appendix G.

V. APPENDICES

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force

Event Number/Name: 01 Documentation Requirements

Description: Determination of what data is to be procured based on the complexity of the system/end article and on whether or not there are new requirements. The Air Force attempts to buy only the minimum essential contractor prepared PTD/SPTD. A "Data Call" to responsible officers is used to gather requirements for provisioning and other data. Data requirements are then included in the PR/MIPRs that are used to request contracting action for systems/end articles.

Functions: Air Force: SM/EAIM ALC (MMIS) makes the final decision on the selection of the applicable DIDs for provisioning data. This selection is for the minimum essential DIDs needed to support the acquisition. The DOD activity assigned contracting responsibility is determined when a MIPR is involved. The PTD Data Selection Sheet (DD 1949-1) and the PRS (DD 1949-2) is prepared.

Policy/Procedures: Defense Acquisition Regulations
Data Item Descriptions

Event Number/Name: 02 Contract Award*

Description: The contractual commitment of the contractor/vendor to supply specified systems, equipments, data or services at a specified time.

Functions: Contractor: Accepts specified obligations/responsibilities.
Air Force: Principal Contracting Office awards/lets contract.

Policy/Procedures: Defense Acquisition Regulations

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 03 Guidance Conference*

Description: A conference which provides contractor, major vendor, and Air Force personnel the opportunity to achieve a mutual understanding of contractual requirements. At the conference, responsibilities are clearly defined and various deadlines in the provisioning cycle are specifically identified.

Functions: Air Force: SM/EAIM ALC representative chairs the conference. A provisioning process briefing based upon the applicable acquisition documents is provided along with a detailed presentation of the programming checklist. Criteria as to the type of items to be included on the LLIL are established. The flow of PIOs form IMs through the SM/EAIM ALC to the contractor is outlined.

User commands provide data to assist in the development of Initial Spare Support Lists (ISSLs).

Contractor: Shares views and agrees to the type of items that will be listed on the LLIL.

Policy/
Procedures: D220 Provisioning System

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 04 Interim Release - LLIL*

Description: Long lead time items are those items that because of their complexity, complicated manufacturing process, or limited production capacity have production or procurement lead times which necessitate advanced ordering to ensure adequate delivery schedules. Generally, the LLIL is the first type of PTD submitted by the contractor. Interim Release is one category of LLIs. In order to compress the administrative lead time and when authorized by the PRS, Interim Release Items are produced or procured simultaneously with contractors' production requirements for like items prior to receipt of a PIO. The contractor determines the requirements for system/end article support. The contractor is obligated to notify the provisioning activity within 30 days of this determination, and the provisioning activity provides a PIO within the following 30 day period.

Functions: Air Force: Establishes criteria and authorizes Interim Release Items.

Contractor: Identifies candidate items, determines requirements and initiates the production or procurement process. The contractor then notifies the provisioning activity of the action that has been taken. The contractor also submits screening data to DLSC.

DLSC: Screens data and provides results regarding existing/valid NSNs.

Policy/Procedures: D220 Provisioning System
DOD Standardization Program

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 05 Recommended Items LLIL*

Description: Recommended Items are the second category of LLIs, Interim Release Items being the other category. The description for Interim Release is applicable except that the Recommended Item List is reviewed by the provisioning activity and a PIO prepared prior to the manufacture or procurement of an item.

Functions: Air Force: Establish LLI criteria. Review, inspect, edit, exclude, and accept or reject the Recommended Items LLILs and the supporting SPTD.

Contractor: Recommends LLI candidates and provides supporting SPTD. Also provides screening data to DLSC.

DLSC: Screens data and provides results regarding existing/valid NSNs.

Policy/Procedures: D220 Provisioning System
DOD Standardization Program

Event Number/Name: 06 Screening

Description: Screening is a program to determine if an item exists in the federal supply system and if it has been assigned a NSN.

Functions: Contractor: Provides the required screening data, the manufacturer's part number being the primary data element, to DLSC.

DLSC: Screens data and provides results regarding existing/valid NSNs. Reviews the contractor data and determines if and what NSN has been assigned.

Policy/Procedures: DOD Standardization Program

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 07 Interchangeability and Substitution (I&S)/Standardization*

Description: A program which identifies items which possess such qualities as to make them equivalent and, therefore, capable of being exchanged one for another. The program is conducted primarily within the framework of the Defense Standardization Program to achieve and maintain the highest degree of standardization practicable.

Functions: Contractor: When directed, provide Interchangeability Replaceability Working Lists (IRWL).

Air Force: CASC is primarily responsible for determining if an item is a candidate for the I&S/Standardization program.

Policy/
Procedures: Federal Cataloging Program
DOD Standardization Program

Event Number/Name: 08 Spares Acquisition Integrated with Production (SAIP)*

Description: A procedure used to combine the ordering and production of selected spares with identical items produced for installation on the primary system or subsystem that is to be delivered to the user. The technique is intended to reduce costs by affecting an economy of scale and insuring timely deliveries of spare/repair parts.

Functions: Contractor: Develops a recommended list of candidate items and determines firm prices.

Air Force: Selects items for inclusion in the SAIP program. Budgets and funds SAIP spares.

Policy/
Procedures: SAIP

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 09 Provisioning Technical Documentation (PTD)*

Description:

PTD is the provisioning data that a contractor is contractually required to provide as a part of the production contract. PTD is the generic term used to reference the various types of provisioning lists and descriptive data, regardless of whether it is in hardcopy, card, or magnetic media format. PTD is used for the identification, selection, and determination of initial requirements and the cataloging of support items to be procured through the provisioning process. Each item of PTD is ordered as a separate line item on the CDRL. Various items of PTD are:

- Provisioning Parts List
- Short Form Provisioning Parts List
- Common and Bulk Items List
- Long Lead Time Item List (Interim Release/Recommended Items)
- Repairable Items List/Recoverable Items Provisioning Parts List
- Numerical Listing/Index
- Tools and Test Equipment List
- Interim Support Item List
- Post Conference List
- Supplementary PTD or Item Identification
- Manufacturer's Commercial Manual
- Statement of Prior Submission
- Design Change Notice

The PPL contains a list of all support items which can be disassembled, reassembled or replaced, which, when combined, constitute the end item. Support items are spares, repair parts and sundry material required to operate, service, repair or overhaul an end item. They also include tools, test equipment, repair kits and repair parts sets unless excluded by the PRS.

The Short Form PPL (SFPPL) is a PPL which lists only those items which are recommended by the contractor for maintenance of the end item.

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 09 Provisioning Technical Documentation (PTD)* (Continued)

Description:
(Continued)

Common and Bulk Item List (CBIL) is a list of common hardware such as common nuts, bolts, screws, keys, washers, and fittings, except those of special design. The CBIL also contains bulk items such as electrical wire and cable, gasket material, tubing, hose, adhesives, paints, oil, grease, solvents, and metal stock such as rods and sheets.

Repairable Item List (RIL) lists all support items of a recoverable nature used in or associated with the end item.

Numerical Listing/Index is a listing containing all items that are used in the fabrication of the end item.

Design Change Notices are used by the contractors to notify the SM/EAIM ALC of all engineering changes which modify, add to, delete or supersede parts in the end item or its supporting equipment.

Manufacturer's or Commercial Manuals are used to supplement the SFPPL in order to help determine range and quantity of support items.

Functions:

Air Force: Determines PTD requirements and contracts for each PTD item by ordering as a separate line item on the CDRL.

Contractor: Provides the technical data required.

Policy/
Procedures:

Defense Acquisition Regulations

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 10 Supplemental Provisioning Technical Documentation*

Description:

A major segment of PTD is the SPTD. SPTD consists of drawings, specifications, standards, photographs, sketches and descriptions, assembly and general arrangement drawings, schematic drawings and diagrams, wiring and cable diagrams, and other such documents which indicate the function, size and location (form, fit and function) of an item. More specifically, the SPTD must be able to provide for:

- Identification of items for maintenance support considerations
- Preparation of item identification data for the purpose of assigning NSNs
- Review for item entry control
- Standardization
- Review for potential interchangeability
- Item management coding
- Preparation of allowance/issue lists
- Initial procurement from the contractor or manufacturer

Functions:

Air Force: Determines requirements and orders SPTD.

Contractor: Provides required data.

Policy/
Procedures:

Defense Acquisition Regulations

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 11 Provisioning Conference*

Description: A conference which provides the Air Force the opportunity to make item selections and assign technical and management codes.

Functions: **Contractor:** Provides technical data which, when required, includes PTD/SPTD, LSA and RLA data. Also provides a sample article when so specified in the PRS.

Air Force:

SM/EAIM ALC Provisioning Activity

- Schedules, administers, and coordinates all provisioning conference operations.
- Resolves problems on policy and procedures involving SMR coding actions and documentation including disagreements between the conferees and the contractor.
- Ensures SMR codes are furnished contractors for publication in the IPB (Illustrated Parts Breakdown).
- Provides Programming Checklist.
- Ensures requirements for RIPPL are furnished the contractor.
- Provides CASC with copies of PTD/SPTD.
- Performs technical reviews and
 - Assigns SM codes.
 - Assigns failure factors/recommended quantities in the case of insurance items.
 - Assigns ERRC codes to items source coded in "P" series. With exception of insurance items, assigns maintenance/overhaul factors.
 - Assigns IMCs (Item Management Codes) to items new to the A.F.
 - Documents rationale for changing contractor's recommended quantities for items with repair codes L and D, and F greater than \$300.
 - Selects recoverable items which require parts breakdown and drawings.
 - Selects range of items recommended for inclusion in the ISSL (Initial Spares Support List).
 - Assigns demilitarization (DEMIL) codes.
 - Assigns MMAC codes when applicable.

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 11 Provisioning Conference* (Continued)

Functions:
(Continued)

- Assigns PMIC (Precious Metal Indicator Codes) and ADPE identifier codes.
- Reviews CBIL and indicates SMR codes, quantities, and/or replacement factors for all items necessary to adequately support the articles on contract.
- Performs other reviews/assignments of applicable codes and factors.

CASC

- Reviews and determines acceptability of drawings.
- Obtains necessary information and additional data when required to satisfy cataloging requirement.
- Ensures the PTD/SPTDs reflect correct FSCs and item names.
- Determines the current NSN and management codes status.
- Validates MMACs previously assigned

Directorate of Maintenance

- Establishes initial shop repair cycle times.
- Establishes maintenance and overhaul policy.
- Determines number and location of overhaul depots.

Policy/
Procedures:

D220 Provisioning System

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 12 Item Cost/Price Review*

Description: An equipment specialist's review of the contractor's estimated unit price. Review is made to determine the reasonableness of the estimate.

Functions: Contractor: Estimates unit prices.

Air Force: Reviews estimates for reasonableness.

Policy/
Procedures: Spares Pricing

Event Number/Name: 13 NC/ND Number

Description: An Air Force Control number assigned to an item of supply. An NC number is used pending the assignment of an NSN by DLSC. An ND number is used when the item does not qualify for or require an NSN assignment.

Functions: Air Force: Assigns NC/ND numbers when required.

DLSC: Assigns NSNs.

Policy/
Procedures: Cataloging

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 14 Initial Spares Support*

Description: Program to deploy limited amounts of spare/repair parts at activities that are scheduled to receive/support new systems/end articles.

Functions: Air Force: Provisioning activities prepare the initial spares support list (ISSLs) with the assistance of user commands.

Contractor: Provides recommendations.

Policy/Procedures: D220 Provisioning System

Event Number/Name: 15 Support Equipment (SE) Recommendations*

Description: A system where contractors identify potential support problems and recommend what support equipment is needed to solve the problems. The primary interested and responsible Air Force offices review these recommendations and develop a coordinated requirements list and a plan for obtaining the necessary support equipment. The support equipment that is procured is then provisioned using the same procedures as are used for other end articles.

Functions: Contractor: Submits Support Equipment Recommendations Data (SERD) for field, intermediate, and depot support equipment. The SERD is to provide sufficient initial engineering data to describe a function requiring support as well as recommendations for development, procurement, or use of GFE, for support equipment being recommended. Relevant availability, logistics support, and procurability-type data is also provided.

Air Force: Reviews contractors' recommendations and develops their support plan.

Policy/Procedures: D220 Provisioning System

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 16 Design Changes*

Description: Program to adjust requirements when systems/end articles are modified/changed during the production process.

Functions: Contractor: Submits recommended design changes and provides applicable technical data.

Air Force: Modifies/changes/controls records to accommodate changes.

Policy/Procedures: D220 Provisioning System

Event Number/Name: 17 Post Conference List*

Description: A listing of all items selected as logical spare/repair parts as the result of the Provisioning Conference along with those items previously selected as logical spares to which changes were made during the conference. The determination of the range of items that will be stocked.

Functions: Contractor: When required, prepare and submit the PCL along with the SPTD.

Air Force: When the contractor is directed to prepare the PCL, inspect for completeness and have necessary corrections made. When contractors are not directed to do so, prepare the PCL. Forward applicable portions of the PCL to the appropriate IM ALC.

Policy/Procedures: D220 Provisioning System

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 18 Requirements Determination

Description: The process of determining/computing requirements for initially provisioned items. Initial spare/repair parts provisioning acquisitions are limited to new items. Process also determines if the items are to be procured from the contractor or acquired from a federal agency.

Functions: Air Force: Item managers compute requirements and determine delivery schedules.

Policy/Procedures: Initial Spares Requirements
D041 Recoverable Consumption Item Requirements Computation
D062 EOQ Buy Computation

Event Number/Name: 19 Cataloging*

Description: The process of assigning NSNs to new items that are being introduced into the federal supply system. This process is conducted within the framework of the Federal Catalog System. The system provides a single uniform cataloging system for the federal government. The Defense Logistics Services Center (DLSC) administers the system for the DoD.

Functions: Air Force: CASC has the primary responsibility for determining if an item is an existing or a new item.

DLSC: Assigns NSNs.

Contractor: Provides PTD/SPTD.

Policy/Procedures: Cataloging
D043 Master Item Identification Control
D049 Master Material Support Record
DIDS Defense Integrated Data System

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 20 Supply Support Request

Description: Process of obtaining supply support from other federal item managers in lieu of procuring material from the contractor. A system where the provisioning activity sends SSRs to the appropriate Integrated Material Manager (IMM)

Functions: Air Force: Provisioning activity directs supply support requests to appropriate federal item managers. Responsibility for wholesale inventory management is negotiated with the appropriate item manager, be they AF, DLA, another service, or GSA.

Policy/Procedures: D169 Supply Support Request

Event Number/Name: 21 Provisioned Item Order (PIO)*

Description: List of items and quantities that are to be procured from the contractor and a schedule of when and where the items are to be delivered.

Functions: Air Force: SM/EAIM ALC develops the PIO and prepares a purchase order/contract for the procurement. The provisioning activity also budgets and controls funds which sometimes necessitate adjustments in the PIO.

Contractor: Receives and reviews PIO.

Policy/Procedures: D220 Provisioning System

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 22 PIO Funding Requirements

Description: Process of PIO review and the determination of fund requirements. If sufficient funds are not available, adjustments must be made in the PIO.

Functions: Air Force: Logistics specialists review PIOs and commit funds for the acquisition of spare/repair parts.

Policy/
Procedures: Spares Pricing

Event Number/Name: 23 Packaging

Description: Process of determination of packaging requirements for spare/repair parts.

Functions: Air Force: Determine requirements.

Event Number/Name: 24 Contractor Acceptance/Rejection of Delivery Dates*

Description: Negotiation phase of PIO purchases.

Functions: Contractor: Accept/reject/negotiate delivery schedules.

Air Force: Negotiate schedules.

Policy/
Procedures: Defense Acquisition Regulation
Basic Ordering Agreements

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 25 Spares Pricing*

Description: Process of final negotiation of contract modification cost.

Functions: Air Force: PPCO negotiates cost with contractor.

Contractor: Agrees to terms of contract modification.

Policy/
Procedures: Spares Pricing

Event Number/Name: 26 PIO Release*

Description: Process of monitoring/controlling terms of the contract modification. Also the process of attempting to ensure that spare/repair parts are delivered in accordance with the established schedule.

Functions: Air Force: Monitor terms of contract. Take necessary action to see that contractor performs properly.

Policy/
Procedures: J041 Due-In Asset System
J011 Acquisition Management Information

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix A

PROVISIONING EVENT SPECIFICATION
Air Force (Continued)

Event Number/Name: 27 Due-In Assets*

Description: Procedure to account for and track on-order spare/repair parts. Procedure is a subset of the overall inventory control process.

Functions: Air Force: Track on-order assets.

Contractor: Deliver ordered parts.

Policy/
Procedures: J041 Due-In Asset System

Event Number/Name: 28 Operational Need Date

Description: Date when provisioned spare/repair parts should be in place.

Functions: Contractor: Deliver spare/repair parts.

Policy/
Procedures: J011 Acquisition Management Information

*One of the 19 events functionally equivalent between Air Force and commercial provisioning.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial

Event Number/Name: 01 Purchase Agreement/General Terms Agreement

Description: This document becomes a supplement to the existing procurement contract defining the terms of initial provisioning. Delivery schedules and legal commitments are detailed.

Functions: Defines the data to be provided to support the provisioning effort in terms of ATA Spec 100 and Spec 200.

Defines the format the data will be submitted in terms of ATA Spec 100 and ATA Spec 200.

Incorporates the schedules from the previous event.

Details the method for handling revisions.

Details the particulars for the repurchase of surplus provisioned items.

Event Number/Name: 02 Preprovisioning Conference

Description: Discussion between the buyer and the manufacturer, lead by the manufacturer, describing the events and the procedures to be used during initial provisioning.

Functions: Main topics for discussions are:

- The modelling techniques used to develop the Recommended Spare Parts List.
- The operational factors necessary for the airline to provide the manufacturer for use in the forecasting model.
- The method for handling the monthly revisions to the end item data, the manufacturer's technical data and the recommended spares.
- The need for, and the scheduling of, additional provisioning conferences to help the company in its efforts.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 03 Long Lead Time Items

Description: This event constitutes a mini-version of the entire provisioning cycle for those items whose lead time prohibits their fitting within the normal cycle.

Functions: Manufacturer has the responsibility of notifying the company of those items which will have a long lead time. Normally, these items account for less than five (5) percent of the items.

The company will have to provide the manufacturer with forecasting factors for the provisioning model for the long lead time items to be placed on a provisional RSPL.

The company will have to respond to this list within the constraints of the lead time.

This same process is utilized for any items which will become Buyer Furnished Equipment (BFE).

Event Number/Name: 04 End Item Data

Description: Submission by the manufacturer of the provisioning data on all the parts which are used to manufacture and repair the end item.

Functions: This data is submitted to the airline as the T-file which is defined in ATA Spec 200, Chapter 1b and 2b. The file represents the construction of the end item as specified for the company. For each item, there are data records to describe technical aspects of the item and its application. Procurement data is also supplied for each item.

The manufacturer has the responsibility of including all parts, even if major components are supplied by a subcontractor, unless released from this obligation by the General Terms Agreement.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 05 Manufacturer's Technical Data

Description: The submission by the manufacturer of the written technical data and drawings required for the support of their product.

Functions: This data is necessary to supplement the end item data in machine readable form. Provisioning end item data needs to be checked against the technical data to ensure that the manufacturer has not forgotten any parts or tools that are necessary for replacement, repair, installation, or support.

Event Number/Name: 06 Provisioning Conferences

Description: Called by the Airline as they are needed, these conferences are to help the company in their efforts to understand and to process the provisioning cycle.

Functions: Among the areas of concern are the following:

- Long lead time item processing.
- Control, cross reference, and classification of any new parts to the company.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 07 Revision Service

Description: The method used to handle changes to the long lead time items, the end item data, manufacturer's technical data, and the recommended spare parts list. These changes are made primarily because of manufacturer design changes in the end item.

Functions: The method to be used is defined in the ATA Spec 200 and the format and frequency is agreed upon in the General Terms Agreement.

File control is governed by the following fields:

- Transmitter (manufacturer)
- Customer
- Model Identifier (relates to G.T.A.)
- File Identifier
- Transmission Sequence
- Transmission Date

Record control is governed by the following fields:

- Record identification
- Change code.

Event Number/Name: 08 Forecasting Factors

Description: Factors used in the manufacturer's forecasting model.

Functions: Operational Data supplied by the company:

- Anticipated aircraft utilization
- Anticipated average flight length
- Anticipated average repair/overhaul turnaround times
- "Fill rate" - serviceable inventory target level desired by the company
- Desired length of time that the expendable spare parts are to support the end item before becoming part of the normal replenishment cycle.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 09 Provisioning Model

Description: The initial provisioning forecast model is run by the manufacturer to determine which parts, and in what quantities, the manufacturer should recommend to be purchased to support the new end item.

Functions: The manufacturer uses the forecasting factors, operational data supplied by the buyer, along with technical data determined by the manufacturer. The technical data includes various scheduled and unscheduled removal rates, consumption rates, and sensitivity to operations. The model is run against all the parts in the full end item data T-file.

Event Number/Name: 10 Recommended Spare Parts List

Description: Based on the forecasting model, parts which the manufacturer recommends to the company to purchase, and in what quantities, are listed.

Functions: This information is provided in the Provisioning Technical Data Segment of the Part Number Record Fixed (PNRF) of a revised T-file.

The Recommend Spare Parts List becomes a very important item in determining any possible surplus provisioning parts eligible for buy-back.

Appendix B

PROVISIONING EVENT SPECIFICATION Commercial (Continued)

Event Number/Name: 11 Screening

Description: This is the airline process of taking the Recommended Spare Parts List supplied by the manufacturer and determining if the part recommended is already stocked by the company.

Functions: The input manufacturer's part numbers are matched against the existing company files as follows:

- If the input manufacturer's part number on the RSPL does not match any manufacturer's part number currently on the company files, it is passed to the Control and Cross Reference event.
- If the input manufacturer's part number on the RSPL does match a manufacturer's part number currently on the company files, but the number is associated with multiple company stocking numbers, it is passed to the Control and Cross Reference event.

Matching manufacturer's part numbers remaining are used to update the anticipated consumption for the current company stock number during the period from the initial delivery of the end item to the end of the length of time specified in the forecasting factors for the initial coverage.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 12 Control and Cross Reference

Description: This is a data management system.

Functions: Major fields and codes defined in this event are:

- Company stock number
- Principal Catalog Sequence number
- Next higher assembly stock numbers
- Recoverability Code
Indicates the accountability for the end item and the method of repair or disposition and issue.
- Classification Code
Indicates the current status of the part, i.e., Active, Insurance, etc.
- Condition Effect Code
Indicates the operational need for the item, i.e., MEL, AOG, Routine, Kit, etc.
- SMRL Codes
Indicates the Source Replenishment, Maintenance Level, Recoverability/Accountability and the Scrap Level.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 13 Procurement Budget Review

Description: At this point, the airline looks at the price information supplied by the manufacturer at the time of the submission of the End Item Data and the RSPL, and also correlates other procurement data supplied by other vendors via ATA Spec 200 Chapter 3, and ATA Spec 400.

Functions: Procurement data supplied by any number of vendors is used to update vendor and price information on company stock numbers. The data supplied is in standard ATA 400 format.

The same matching methods for matching the manufacturer's part number and the company stock number used in the Screening event are used.

If there is an exact comparison, and there is a price record for that MPN/FSC combination in the company files with an effective data matching the input record, the MPN/FSC's price record is updated.

If there is an exact comparison and there is no price record for that MPN/FSC combination in the company files with an effective data matching the input record, and there is no future effective date price record, a new price record is added for the MPN/FSC combination.

If there is only one MPN on the company files and its FSC does not match with the input record, a new MPN/FSC record is added along with a price record for the MPN/FSC combination.

If this MPN is associated with more than one company stocking number or there is more than one MPN/FSC combinations associated with more than one company stocking number, then exception reports are produced.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 14 Purchasing Decision

Description: Consumption data and removal data is related to current stock status for the part within the company, and a decision to purchase an item and the quantity to purchase is determined by the inventory forecasting models used by the company.

Functions: Anticipated use for the item is derived from the RSPL, augmenting current consumption data for those parts stocked by the company. This is the sole forecasted consumption for those parts which are new to the company.

Parts whose forecasted consumption minus current balance on hand exceed the reorder point (all new parts are in this category), will generate a Stock Action Report. These reports will create both planner and buyer action for the procurement of the part.

Stock Action Reports will include the Control and Classification data, usage history, and anticipated consumption, and various vendors and manufacturer's part numbers which satisfy the part with the current price information.

Stock Action Reports will automatically link and drive purchase orders.

When possible, and especially for high cost items, usage history from other airlines will be used to cross check the recommended quantities from the manufacturer.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 15 Purchase Orders

Description: Individual purchase orders are created to cover each item the company wants to include in initial provisioning. These purchase orders can be directed to the manufacturer, a subcontractor, or any other vendor who can supply the part.

Functions: Company purchase order usually contain, at a minimum, the following fields:

- Purchase order number
- Federal Supply Code
- MPN
- Delivery Station
- Unit of purchase
- Date required
- Quantity ordered
- Provisioning account code
- Use price indicator
- Remarks

The vendor is coded as to what type of purchase order the vendor can receive, i.e., card, tape, hardcopy, or electronic switching. The purchase order will be transmitted via the specified medium.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 16 Packaging

Description: A standard developed for the packaging of supplies shipped to the company containing the minimum requirements for the manufacturer to use for effective packaging.

Functions: ATA Spec 300 is coordinated with the procurement chapters of Spec 200. Codes on purchase orders for packaging are as follows:

- 0 - No specific packaging requested
- 1 - Use ATA Spec 300 Category I Container
- 2 - Use ATA Spec 300 Category II Container
- 3 - Package and mark as described in ATA Spec 300, Chapter 3.
- 4 - Each kit to be packaged and identified as described in ATA Spec 300, Chapter 4.
- 5 - Material handling devices to be used as described in ATA Spec 300, Chapter 5.
- 6 - Hazardous material requires specific packaging and approved marking, as described in ATA Spec 300, Chapter 6.

When no code is used in the purchase order, the manufacturer should refer to the G.T.A.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 17 Cash Flow/Investment

Description: Periodically the company produces reports showing the dollar value of the outstanding purchase order items for the provisioning cycle.

Functions: The report is produced in vendor code (FSC) sequence.
The purchase orders for each vendor are reviewed to determine the dollar amount of any outstanding order items.

The following information is printed on this report:

- Vendor code (FSC)
- Vendor short name
- Provisioning account code
- Outstanding purchase order dollar total

Totals by provisioning account codes and by vendor are accumulated.

Systems: MSCS - Cash Flow Reporting

Event Number/Name: 18 Operational Need Date

Description: The date provisioning items need to be in place to begin to support the operation of the end item.

Functions: This date is set in the initial procurement, contract, subject to changes in the development of the end item.

The date is significant as it relates to two (2) other dates:

- The delivery date of provisioning items purchased.
- The Buy Back expiration date.

Appendix B

PROVISIONING EVENT SPECIFICATION
Commercial (Continued)

Event Number/Name: 19 . Buy Back

Description: If, at the end of the term of initial coverage and until the Buy Back Expiration date, the company feels it has surplus items from initial provisioning, the manufacturer will buy the surplus items back from the company.

Functions: The company notifies the manufacturer in writing of parts that were

- Recommended in the RSPL
- Purchased by the company from the manufacturer
- And are surplus to the company's needs.

Manufacturer reviews the list for those items which were

- Quantities purchased in excess of those quantities recommended in the RSPL
- Items for which a purchase order was received after the date agreed upon in the provisioning schedule in the G.T.A.
- Surplus items as a result of a change in the operational parameters initially provided to manufacturer by the company
- Other provisions of the particular G.T.A.

Price, payment and re-delivery terms are set in the G.T.A.

Systems: MSCS - Purchase Orders
- Usage

Appendix C

DATA ELEMENT SPECIFICATION
Air Force

| Element Name | Description | Block | Size | Data Type | Originator |
|--|--|-------|--------|-------------|--------------------------|
| Automatic Data Processing Equipment Code | Code assigned according to DOD 4100.38-M. Code is introduced, but not used, by Equipment Specialists. | AU | 1 N | Application | Air Force |
| Base Condemnation Rate | Indicates that portion of the failed items removed and processed for intermediate level repair which will be condemned at that level due to wear-out or economical repair limitations. Part of Failure Factor II (block 17). | AH | 3 N | Technical | Contractor/ Air Force |
| Change Authority Number | Indicates the engineering change number for a design change. Required on DCN PTD of "D" and TOCC "D" or "L." | 41 | 15 A/N | Admin. | Contractor |
| Contractor Turn Around Time | Number of days from contractors time of receipt of the failed item until the item is returned to the designated receiving point. | 37 | 3 N | Technical | Contractor |
| Control Data | First position (alpha-mandatory) identifies the type of PTD (e.g., I-LLL-Interim Release). Type of PTD codes are listed in the Addendum. Last nine positions are available for contractor use. | C | 10 A/N | Admin. | Contractor |
| Date | Date PTD submitted - (YYMMDD). | F | 6 N | Control | Contractor |
| Delivery Schedule | Indicates by month (limited to 24) and destination the planned delivery schedule. | 75 | 62 N | Application | Air Force |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|----------------------------|---|-------|--------|-------------|--------------------------|
| Demilitarization Code | Instructs the user and inventory manager what must be accomplished before item disposal. | AB | 1 A | Application | Air Force |
| Depot Condemnation Rate | Represents the percentage of repair parts, recoverable assemblies, or end items which will be condemned during depot overhaul. Part of Failure Factor III (block 40). | AJ | 3 N | Technical | Contractor/ Air Force |
| Document Availability Code | Indicates the accessibility of drawings and technical documentation related to an item identification/NSN. | AP | 1 A/N | Technical | Air Force |
| Drawing Status Code | Indicates specific status of technical data. | AA | 1 A | Application | Air Force |
| Essentiality Code | Indicates the degree to which the failure of the part affects the ability of the end item to perform its intended operation. | 18 | 1 N | Technical | Contractor/ Air Force |
| Exhibit Line Item Number | Identifies a specific procurement line item within a contract/modification exhibit. | 72 | 6 A/N | Procurement | Air Force |
| Extended Remarks Block | Used in conjunction with Remarks (block 33) when necessary to clarify provisioning actions. | 80 | 94 A/N | Admin. | Contractor/ Air Force |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|---|---|-------|-------|-----------|--------------------------|
| Failure Factor I -Maintenance Factor | Indicates the anticipated average maintenance replacement rate per operating program increment, i.e., per 100 hours, per month, etc. | 16 | 6 N | Technical | Contractor |
| Failure Factor II -Overhaul Replace- ment Percentage | O/H - Indicates the replacement rate of a spare or repair part in the overhaul of the next higher recoverable assembly (NHRRA). | 17 | 3 N | Technical | Contractor/ Air Force |
| -Base Condemnation Rate | BCR - Indicates that portion of the failed items removed and processed for intermediate level repair which will be condemned at that level due to wearout or economical repair limitations. | | 3 N | | |
| Failure Factor III -Not Repairable This Station (NR/TS) | The NR/TS percentage represents that portion of the estimated repairable generations which the intermediate repair activity will <u>not</u> be able to repair. | 40 | 3 N | Technical | Contractor/ Air Force |
| -Depot Condemnation Percent | The DCR represents the percentage of repair parts, recoverable assemblies, or end items which will be condemned during depot overhaul. | | 3 N | | |
| Federal Supply Code for Manufac- turers | Code that identifies the manufacturer of an item. | 3 | 5 A/N | Control | Contractor |
| Federal Supply Code for Manufac- turers-Prime | Code that identifies the prime contractor. | D | 5 A/N | Control | Contractor |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--|---|-------|------|-------------|------------|
| Indenture | A code which displays a lateral and descending "family tree" relationship of each line item to and within the system or end item and its discrete components. Indenture displays the relationship between assemblies, subassemblies and parts. | 2 | 1 A | Control | Contractor |
| Initial Supply and/or Other Support Candidates | Indicates/identifies items which are to support one or a combination of the following programs: ATC - Air Training Command Requirements BLSS - Base Level Self Sufficiency ISSL - Initial Supply Support Listing Candidates WRSK - Air Readiness Spares Kit | AF | 1 A | Technical | Air Force |
| Interchangeability Code | Indicates interchangeability when an item previously listed is being replaced by a new item because of a design or other change. | 42 | 2 A | Application | Contractor |
| Item Management Code | Identifies whether the item is subject to integrated management, or retained by the Air Force for management. Equipment Specialist assigns code. If Air Force managed, identifies if expense (consumable) or investment (repairable) item. | AD | 1 A | Technical | Air Force |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|---------------------------------|--|-------|--------|-------------|------------------|
| Item Name | An item name with appropriate adjective modifiers as contained in the Federal Item Name Directory for Supply Cataloging (H6). | 8 | 19 A/N | Application | Contractor |
| Long Reference Part Number Code | A continuation code that indicates that the Part Number or additional reference numbers exceed the 16 allocated positions, and the remainder appears in following lines. | 5 | 1 A | Admin. | Contractor |
| Maintenance Action Code | Indicates the required action to be taken, i.e., condemn, repair, or test and repair at the expiration of the maximum allowable operation time. | 39 | 1 A | Technical | Contractor |
| Maintenance Task Distribution | Represents the percent of a repairable item expected to be repaired and returned to stock by a specified maintenance level. Data element is not used by the Air Force. | 36 | 10 | Technical | |
| Major Organization Entity Rule | Represents a specific MOE that applies to the management of an item of supply. The MOE is the principal subdivision of government organization under which component organizational entities are identified (e.g., AF, DLA, etc.). The MOE rule denotes service/agency interest in a NSN and establishes a profile representing the service/agency cataloging and management responsibilities. The MOE rule identifies item wholesale/retail activities and must be compatible with the PICAs. | AK | 4 A/N | Technical | Air Force (CASC) |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--------------------------------------|---|-------|--------|-------------|------------|
| Material Management Aggregation Code | Identifies specific items to be managed by a specific system manager. This determines if weapons system or FSC oriented. MMAC must meet FSC compatibility requirements. | AC | 2 A | Technical | Air Force |
| Manufacturer's Part Number | The part number assigned to a single item of design by the actual manufacturer of the item. When a line item is identified by a government or industry specification, e.g., MIL, SAE, which completely identifies the item (First Precedent Part Number) - it will be used. | 4 | 16 A/N | Control | Contractor |
| Maximum Allowable Operating Time | Identifies period of time after which certain items will be maintained in accordance with the Maintenance Action Code. | 38 | 4 A/N | Technical | Contractor |
| Method of Support Code | Indicates if and how an item is being procured. | AG | 1 N | Technical | Air Force |
| Method of Support Modifier | Identifies Recoverable Item Breakdowns and Substitute Item Status and is used in conjunction with a MOS code. | AM | 1 A | Technical | Air Force |
| Mission Item Essentiality Code | Provides logistics management personnel with a method by which the allocation of resources can be made based upon weapon system importance. Used only with Air Force managed items. | AW | 3 A/N | Application | Air Force |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|----------------------------------|---|-------|--------|-------------|--------------------------|
| Multiple Card Count | Count of all cards, including header and trailer, per Submission Control Code. | 51 | 6 N | Admin. | Contractor |
| Nomenclature | The name, model, type, or type number of equipment being provisioned. | B | 21 A/N | Control | Contractor |
| National Stock Number | Indicates the national identifying number of a single line item. The NSN is comprised of a 4-position FSC, and a 9-digit National Item Identification Number (NIIN). | 13 | 13 N | Application | Contractor/ Air Force |
| Next Higher Assembly PLISN | Indicates the PLISN of the next higher assembly in which the item is used. | 34 | 6 A/N | Application | Contractor |
| Overhaul Quantity | Indicates the quantity of the line item required for each component, assembly or subassembly that has a planned overhaul schedule. Data element is not used by the Air Force. | 35 | 3 | Technical | |
| Phased Provisioning Code | A "p" indicates that the item is recommended for phased provisioning when MIL-STD-1517 applies. Seldom used by the Air Force. | 30 | 1 A | Control | Contractor |
| Physical Security/Pilferage Code | Indicates the applicable security or pilferage code listed in DoD 4100.38-M. | 28 | 1 A | Application | Contractor |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|---------------------------------------|---|-------|--------|-------------|------------------|
| Precious Metal Indicator Code | Indicates that the item represents or contains peculiar material requiring special treatment control. | AT | 1 A/N | Application | Air Force |
| Prime Inventory Control Activity | Identifies the DoD activity responsible for item management. Must be compatible with the MOE rule. Is an input to the cataloging function and is used with SSRs. | AE | 2 A | Technical | Air Force (CASC) |
| Prior Item PLISN | Indicates the PLISN previously assigned before resequencing was necessary. May also indicate PLISN on previously submitted LLLL. | 32 | 6 A/N | Control | Contractor |
| Procurement Control Identification | A code indicating the procurement/technical control retention status for the item. Codes are provided by the provisioning activity for contractor use. Data element is not used by the Air Force. | 31 | 1 A | Procurement | |
| Procurement Instrument Identification | Identifies a specific contractual document. The PII is composed of a 13-position PIIN and a 6-position SPIIN. The PIIN identifies the activity that prepared the instrument, the fiscal year in which the PII is assigned, the type of instrument, and the instrument serial number. The SPIIN identifies amendments, modifications and calls/orders under BOAs and BPAs. | A | 19 A/N | Control | Air Force |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--------------------------------------|--|-------|-------|-------------|--------------------------|
| Production Lead Time | The expected number of months between the placement of a new contract and shipment of the first deliverable. | 20 | 2 N | Procurement | Contractor |
| Program Parts Selection List Code | A code to indicate whether the part is included within the FSCs of the Parts Control Program (MIL-STD-965) and if so, whether the item is or is not approved for use in the PPSL. | 7 | 1 A | Application | Contractor/ Air Force |
| Prorated from ELIN | Indicates the ELIN which was assigned to the previous item procurement and from which a decreased quantity is being prorated to a new ELIN. When a contractor is given prorated authority, the ELIN used on the previous order is identified. Dues-ins for "Prorated from ELIN" are adjusted by the IM. D220 feeds cards to the J041 system. This data element is used on large programs where many DCNs are expected. | 77 | 6 A/N | Procurement | Contractor |
| Prorated Quantity | Indicates the specific quantity remaining on order for the Prorated from ELIN item after the prorated quantity was accomplished. | 78 | 6 N | Procurement | Contractor |
| Provisioning Contract Control Number | Identifies a specific contract. This is the prime D220 reference number. | 49 | 6 A/N | Control | Air Force |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--|--|-------|-------|-------------|------------|
| Provisioning List Item Sequence Number | Used to establish a sequential line item control. Commences with the first line of the first page and continues to the last item of the engineering breakdown. The first four positions are used for sequential numbering of the line items. The fifth position is used to indicate additions. The sixth position is designated the Type of Change Code (TOCC) and is used to indicate deletions, modifications, changes, limited part applications and recommended additional quantities. | 1 | 6 A/N | Control | Contractor |
| Quantity per Assembly | Indicates the total number of times the line item is used in the assembly in which it is a part. Subsequent appearances of the same L/I in the same assembly shall have "REP" entered to indicate that the total number of uses has been listed previously. | 9 | 4 A/N | Technical | Contractor |
| Quantity per End Item | Indicates upon first appearance the total number of times the line item is used in the complete equipment or end item. Subsequent appearances of the same line item shall have "REP" listed to indicate the total number of uses in the end item has previously been listed. | 10 | 5 A/N | Technical | Contractor |
| Quantity Procurred | Indicates the total quantity of all PIOs for the line item within a PCCN prior to the design change. | 48 | 6 N | Procurement | Contractor |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|---|--|-------|--------|-------------|------------|
| Quantity Shipped | Indicates the quantity shipped. | 47 | 6 N | Procurement | Contractor |
| Quantity Unit Pack | Indicates the number of units of an item packaged as a unit pack. | 22 | 3 N | Procurement | Contractor |
| Reference Designation (Reference Symbol Number) | A system for identifying and locating electrical, electronic and non-electronic equipment. Seldom used by the Air Force. | 24 | 32 A/N | Control | Contractor |
| Reference Designation Code | A code which defines the type of data entered in the reference designation field. (Codes found in 1552). Seldom used by the Air Force. | 26 | 1 A | Technical | Contractor |
| Reference Designation Overflow Code | Allows for the expansion of the 32-position Reference Designation. | 25 | 1 A | Admin. | Contractor |
| Reference Number Category Code | Indicates the category or relationship of the reference number to an NSN or other reference number. Codes are prescribed by DoD 4100.38-M. | 6 | 1 A/N | Control | Contractor |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|-------------------------------------|---|-------|--------|-------------|--------------------------|
| Reference Number Justification Code | Indicates the degree of research conducted and justification for the creation of a new item identification despite a recognized condition of possible duplication within an existing item. Used by CASC/DLSC. | AR | 1 N | Control | Air Force |
| Reference Number Variation Code | Indicates that a cited reference number is item identifying, not item identifying, or is for reference only. Used by CASC/DLSC in cataloging system. | AN | 1 N | Control | Air Force |
| Remarks | Used to convey special information not available within the format of the other data elements. | 33 | 12 A/N | Admin. | Contractor/ Air Force |
| Replaced or Superseding PLISN | Indicates the replaced or superseding item according to the design change condition. | 46 | 6 A/N | Control | Contractor |
| Requisition Number | Number used for all items required for FMS support. Used by the Logistics Specialist for obligating/controlling FMS funds. D220 interfaces with H051 and H075 systems. | 79 | 15 A/N | Procurement | Air Force |
| Same as PLISN | For subsequent appearances of the same item on the same list, indicates the PLISN of the item in its first appearance. | 15 | 6 A/N | Control | Contractor |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--|---|-------|--------|-----------|--------------------------|
| Serial Number Effectivity-From | Indicates the starting serial number (in a series) of an end item or basic system on which the part number is used. | 43 | 10 A/N | Control | Contractor |
| Serial Number Effectivity-To | Indicates the ending serial number of an end item or basic system on which the part number is used. | 44 | 10 A/N | Control | Contractor |
| Shelf Life Code | Indicates a storage or shelf-life time period for an item possessing deteriorative or unstable characteristics. Codes provided by DoD 4100.38-M. | 19 | 1 A | Technical | Contractor/ Air Force |
| Source Maintenance and Recoverability-Expendability, Recoverability, Repariability, Category Codes | Indicates the source of supply, maintenance implications, and recoverability characteristics of an item. Basic to the requirements determination process. | 12 | 6 A/N | Technical | Contractor/ Air Force |
| Special Handling Code | Special handling code provided to the contractor by the Provisioning activity. Data element is not used by the Air Force. | 29 | 1 | Technical | |
| Special Item Code | Indicates if the item is a candidate for SAIP and/or Reliability Improvement Warranty (RIW) programs. | AL | 1 A | Technical | Contractor |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|----------------------------|--|-------|--------|-------------|------------|
| Submission Control Code | Sequential number, beginning with 00001, which indicates the PTD submission. A number is not duplicated within the same Provisioning Contract Control Number (PCCN). | E | 5 N | Control | Contractor |
| Substitute MMAC | The MMAC of the substitute item (block 73) when applicable. | 74 | 2 A | Technical | Air Force |
| Substitute NSN | Indicates the substitute item the Air Force plans to use to support the item. | 73 | 13 A/N | Technical | Air Force |
| Total Item Changes | Indicates the total number of times the line item is affected by the design change. Data element is seldom used by the Air Force. | 45 | 2 N | Application | Contractor |
| Total Quantity Recommended | The recommended quantity of the item required to support a specific number of applications for a specific period of time. The support period shall be as specified in the programming checklist. (Data element is limited to LLILs.) | 23 | 6 N | Technical | Contractor |
| Type of Change Code | Used to indicate changes in the PLISN. Sixth position of PLISN (block 1). | AS | 1 A | Control | Contractor |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|-----------------------------------|--|-------|------|-------------|------------|
| Type of Item Code | Code is divided into three subfields: | 27 | 3 A | Application | Contractor |
| | <ol style="list-style-type: none"> Special Material Content Code - indicates that the item represents or contains peculiar material requiring special treatment, precautions, or management control (DoD 4100.38-M). Provisioning List Category Code - indicates whether the item is documented on another list or is a government furnished item (codes listed in 1552A). Special Maintenance Category Code - indicates any special maintenance category applicable (codes listed in 1552A). | | | | |
| Unit of Measure/ Unit of Issue | Used for special identification purposes. Files can be interrogated and special listings developed based on the coding assigned. This data element has seldom been used in the past. It is now being used more frequently because of the Special Material Control Code which flags precious metals that should be recovered during salvage/disposal operations. | 11 | 2 A | Procurement | Contractor |
| | Indicates the unit of measure, unit of issue as defined in DoD 4100.38-M. | | | | |

Appendix C

DATA ELEMENT SPECIFICATION
Air Force (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|----------------|---|-------|-------|-------------|------------|
| Unit Price | Indicates the contractors best estimate of the price per unit of issue without regard to unit pack or minimum buy quantities. | 21 | 10 N | Procurement | Contractor |
| Usable on Code | Indicates specific usability such as equipment type, model, series, etc. Identifies items for special models, e.g., power supply on trainer being built for European government which uses different power source. Generally used with FMS. | 14 | 4 A/N | Application | Contractor |
| Work Unit Code | An indentured 5-digit code that identifies the system (2 digits), subsystem (1 digit) and LRU/Component/Part (2 digits). Equipment Specialist uses to help identify work breakdown structure for LSA assigned to every recoverable item and used for tracking maintenance/failure actions. Is a prime index for maintenance management history. MIL-19-38769A applies. Assigned late in the provisioning cycle. | AV | 5 A/N | Application | Contractor |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial

| Element Name | Description | Block | Size | Data Type | Originator |
|--------------------------------------|---|-----------------------|--------|---------------------|--------------|
| Additional Nomenclature | Additional descriptive data required to further identify a keyword. | PNRV 57 (EC 52) | 26 A/N | Control | Manufacturer |
| Addition, Deletion, or Change of P/N | Reason provided where a subject part is added, deleted, or changed. | ADRV 57 (EC 44,45) | 26 A/N | Control | Manufacturer |
| Alternate Part Number | An item which fully meets required functional and structural specifications but differs either in overall external dimensions, connection installations, and/or mounting provisions and may require additional parts, rework, or modification to install in a specific application. | PNRV 57 (EC 36) | 26 A/N | Control | Manufacturer |
| Catalog Sequence Number | Identifies each part and assembly in a catalog or initial provisioning deck by a standard numbering system as specified in ATA 100. Is a composition of eight other data elements. | ADRF 44 | 13 A/N | Control | Manufacturer |
| Change Code | Indicates changes to fields: N = Original transmission of record R = Revision of records D = Deletion of record(s) | PNRF 3 | 1 A | Data Administration | Manufacturer |
| Control Specification/Drawing | Outline specification or drawing to which the part must conform. First five positions: manufacturer's code of the authority for the control specification or drawing number. Remaining positions: control specification or drawing number. | PNRV 57 (EC 14) | 26 A/N | Application | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|----------------------------|---|---------|-------|---------------------|--------------|
| Currency Code | Indicates the currency of the unit price. | PNRF 80 | 1 A/N | Procurement | Manufacturer |
| Customer | Identifies the customer. First two characters are as specified in ATA/IATA Reservations Interline Message Procedures. The third character is specified by the customer. | HR 147 | 3 A/N | Data Administration | Manufacturer |
| Discount | Indicates the trade discount applicable to the quoted unit price. | PNRF 84 | 2 A/N | Procurement | Manufacturer |
| Effective Date | Indicates the date (DD/MM/YY) the information contained in the part number record fixed (PNRF) file becomes effective. | PNRF 91 | 5 N | Procurement | Manufacturer |
| Effectivity | Identifies applicability to customers delivered equipment configuration. As related to aircraft, identifies the beginning and ending numbers applied consecutively to the customer's aircraft. As related to engines, shows split by engine/module serial number. | ADRF 70 | 6 N | Application | Manufacturer |
| End Item Manufacturer Code | Identifies manufacturer of the End Item. | PNRF 4 | 5 A/N | Control | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--------------------------|--|-----------------|--------|---------------------|--------------|
| End Item Part Number | Identifies part number of the End Item on which the detail parts are used. | PNRF 9 | 15 A/N | Control | Manufacturer |
| Engine Level Maintenance | Indicates the level of maintenance for which the part is required. Levels are: On Aircraft Module Replacement Shop Visit Overhaul | ADRF 64 | 1 N | Application | Manufacturer |
| Essentiality | Indicates whether or not a part is essential to the dispatch of an airplane. | ADRF 67 | 1 N | Application | Manufacturer |
| Explanation Code | Indicates reason for change to Initial Provisioning Data or amplifies special conditions. | PNRV 57 | 2 N | Data Administration | Manufacturer |
| File Identifier | Indicates file type. S = S File and T = T File. | HR 160 | 1 A | Data Administration | Manufacturer |
| Hazardous Material Code | Identifies IATA restricted articles Code or Department of Transportation (DOT) Code. First four positions are used. | PNRV 57 (EC 32) | 26 A/N | Technical | Manufacturer |
| Keyword | Provides the one word name of the part or material. If the noun that identifies the item exceeds eight letters, it is abbreviated in accordance with MIL-STD-12 or by deleting vowels. | PNRF 57 | 8 A | Control | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|---------------------------|---|-----------------|--------|-------------|--------------|
| Lead Time | Specifies the applicable reorder lead time in days. | PNRF 86 | 3 N | Procurement | Manufacturer |
| Local Fabrication | Identifies the raw material, standard parts, quantities and the significant dimensions in order to manufacture parts defined as local fabrication items. | PNRV 57 (EC 38) | 26 A/N | Technical | Manufacturer |
| Maintenance and Overhaul | Indicates whether the part is normally replaced during line maintenance or unit overhaul/repair. | ADRF 62 | 1 N | Application | Manufacturer |
| Maintenance Percentage | Indicates the percent of the removal rate estimated for line maintenance. | PNRF 140 | 2 N | Technical | Manufacturer |
| Manufacturer | Identifies the source of the design of the item, i.e., the part number authority. The FSCM code is used when available. | PNRF 39 | 5 A/N | Control | Manufacturer |
| Manufacturers Code Change | Changes to the Manufacturers Codes (FSCM) will result in the following transactions: <ol style="list-style-type: none"> 1. A PNRV for the old Part Number/Manufacturers Code Change Coded R. This transaction will reduce the URR, TBSV, TBO and Recommended Quantity to zero. 2. A PNRV for the old Part Number/Manufacturers Code with Explanation Code 99. The text will indicate the new Manufacturers Code in the first five positions. | PNRV 57 (EC 99) | 26 A/N | Control | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|---------------------------------------|---|--------------------|--------|---------------------|--------------|
| Manufacturers Code Change (Continued) | <p>3. A complete provisioning file record set for the new Part Number/Manufacturers Code. All records will be Change Coded N. A PNRV reflecting the old Manufacturers Code will not be transmitted.</p> <p>4. The old Part Number/Manufacturers Code record set will be deleted the next up revision by transmitting a PNRV Change Coded D.</p> | | | | |
| Minimum Sales Quantity | A quantity expressed in units conforming with the unit of measure. Quantity is entered in the first five positions. | PNRV 57 (EC 56) | 26 A/N | Procurement | Manufacturer |
| Miscellaneous Remarks | Miscellaneous data not covered by other Explanation Codes. | PNRV 57 (EC 54) | 26 A/N | Data Administration | Manufacturer |
| Model Identification | Identifies the specific airplane/engine model to which the data file applies. Code applies only to airplane and engine manufacturers. | HR 150 | 2 A/N | Data Administration | Manufacturer |
| Nomenclature | The identifying noun or keyword and any modifying words included in the drawing title. Is consistent with the requirements of ATA 200. Where the drawing title is general in nature and does not identify the physical location or use, additional words shall be included to identify the unique location or use. | | | Data Administration | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|------------------------|---|---------------------------|--------|-----------|--------------|
| Optional Part Numbers | Indicates a choice of interchangeable items. First five positions: manufacturer's code. Remaining positions: manufacturer's part number. The information in the procurement data segment is not applicable unless Price Type Code is 3 in the PNRF. | PNRV 57 (EC 39) | 26 A/N | Control | Manufacturer |
| Overlength Part Number | The complete part number. | PNRV 57 (EC 11) | 26 A/N | Control | Manufacturer |
| Part Number | Identifies manufacturer's part or kit number, or supplier's assigned part or kit number. | PNRF 24 | 15 A/N | Control | Manufacturer |
| Part Number Change | Provides interchangeability information. <u>Part Number Change - One Way Interchangeable:</u> Old part number may be used as replacement only where old part number was installed. New part number is acceptable replacement for old or new part number. <u>Part Number Change - Two Way Interchangeable:</u> Old or new part number may replace either old or new part number when removed. <u>Part Number Change - Not Interchangeable:</u> When old part number is removed, it must be replaced with the old part number. When new part number is removed, it must be replaced with new part number. | ADRV 57 (EC 1,2,3,6,7) | 26 A/N | Control | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|-----------------------------------|--|--------------------|--------|-------------|--------------|
| Part Number Change (Continued) | <p><u>Part Number Change - Interchangeable as a Set:</u> Replacement of full quantity used in one installation. Used when the replacement comprises a set consisting of a quantity of a single part number.</p> <p><u>Part Number Change - Qualified Interchangeability:</u> To be used when the above four codes do not apply. Condition of interchangeability must be explained in Explanation Code 54 record.</p> | | | | |
| Pool Item Candidate | <p>Identifies Part Numbers which meet all of the below-listed criteria:</p> <ul style="list-style-type: none"> Unit Price greater than \$300.00. Essentiality Code 1 or 2. Spare Parts Classification 2 or 6. Maintenance and Overhaul 1 or 6. | PNRV 57 (EC 75) | 26 A/N | Application | Manufacturer |
| Price Condition | Indicates the existence of special price or source conditions. | PNRF 90 | 1 N | Procurement | Manufacturer |
| Price Type | Used to identify the type of price, or that a price is not applicable, or that the price quoted is applicable to an optional part number. | PNRF 79 | 1 N | Procurement | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|----------------------|---|----------|-------|-------------|--------------|
| Proprietary Code | Identifies basic source of part number and indicates existence of proprietary rights. NOTE: Proprietary Code is related to the originator of the data and the manufacturer. "S" File - the transmitter of the data is also the originator. "T" File - the originator of the data is the End Item manufacturer. Numeric code is used if PNRF Part Number is the Manufacturer's Part Number. Alpha code is used if PNRF Part Number is supplier assigned Part Number and Manufacturer's Part Number is shown in PNRV. | PNRF 89 | 1 A/N | Procurement | Manufacturer |
| Reason for Selection | Indicates the basic reason for selection as a potential spare part, be it wear, maintenance damage, loss, vibration, corrosion, deterioration, extreme temperature, or other. | ADRF 66 | 1 N | Application | Manufacturer |
| Recommended Quantity | Represents the quantity recommended to meet the demands for the support of the overhaul/repair of the End Item to which the parts applies throughout the number of aircraft or engine flying hours mutually agreed upon. The quantity conforms to the unit of measure in the IPC or IPL. When a forecasting model is used, the parameters shall be mutually agreed upon by the manufacturer and the customer. | PNRF 136 | 4 N | Technical | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|------------------------|---|--------------------|--------|---------------------|--------------|
| Record Type | Identifies the type of record being transmitted, be it: Header record (HR) Part number record fixed (PNRF) Part number record variable (PNRV) Application data record fixed (ADRF) Application data record variable (ADRV) | HR 1 | 2 N | Data Administration | Manufacturer |
| Refundable Charge | Identifies the cost and condition of the refundable charge. Cost is in the first 15 positions followed by conditions. | PNRV 57 (EC 57) | 26 A/N | Procurement | Manufacturer |
| Removal Rate Indicator | Indicates the divisor to be applied to the Unscheduled Removal/Consumption Rate. | PNRF 143 | 1 N | Technical | Manufacturer |
| Scrap Rate | The percent of the units removed from service which will be unrepairable. | PNRF 132 | 3 N | Technical | Manufacturer |
| Select From Identifier | Indicates if the part is to be selected from under-size/oversize or range groupings. | ADRF 65 | 1 N | Application | Manufacturer |
| Select Item | Identifies the quality control specification to which the item is selected. First five positions: FSCM of the authority for assigning the specification. Remaining positions: Controlling specification. | PNRV 57 (EC 13) | 26 A/N | Technical | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|---------------------------|---|--------------------|--------|---------------------|--------------|
| Sequence Number | Indicates the initial sequence of individual record types within Explanation Codes. | PNRV 59 | 2 N | Data Administration | Manufacturer |
| Spare Part Classification | Indicates whether the item is considered by the supplier to be expendable or repairable. | PNRF 113 | 1 N | Technical | Manufacturer |
| Special Charges | Identifies the cost and condition of the special charge. Cost is in the first 12 positions followed by condition of charge. | PNRV 57 (EC 58) | 26 A/N | Procurement | Manufacturer |
| Split Effectivity | Applicable when the Effectivity fixed fields in the ADRF are insufficient. | ADRV 57 (EC 47,48) | 26 A/N | Application | Manufacturer |
| Standard Package | Indicates supplier's standard package quantity. | PNRF 81 | 3 N | Procurement | Manufacturer |
| Standard Parts Indicator | Indicates standard and non-standard items. | ADRF 63 | 1 N | Application | Manufacturer |
| Storage Condition | Indicates the existence of special conditions which must be considered during storage by the customer. Also indicates other special considerations. | PNRF 142 | 1 N | Technical | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--------------------------------|---|----------|--------|---------------------|--------------|
| Text | The formatted or free form data displayed in the last 26 positions of each Explanation Code. | PNRV 64 | 26 A/N | Data Administration | Manufacturer |
| Text Counter | Identifies records with multi-text segments within a given Explanation Code. | PNRV 61 | 2 N | Data Administration | Manufacturer |
| Time/Cycles Between Overhaul | The actual interval in one end item unit flight hours or operating cycles between scheduled overhauls of one unit. | PNRF 126 | 6 N | Technical | Manufacturer |
| Time/Cycles Between Shop Visit | The actual interval in one end item unit flight hours or operating cycles between scheduled shop visits for the purpose of maintenance action other than overhaul. Element applies primarily to engines. | PNRF 120 | 6 N | Technical | Manufacturer |
| Time/Cycle Indicator | Indicates that removal rates are in hours, cycles, or landings. | PNRF 135 | 1 A | Technical | Manufacturer |
| Total Quantity | The total quantity of identical parts which are used in the assembly of a complete aircraft, engine, or supplier's unit, for the sequence number which the date represents. It is expressed in terms of the unit entry in the IPC or IPI. | ADRF 57 | 5 N | Application | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|-----------------------|--|-----------------|--------|---------------------|--------------|
| Total Records | Total number of records in the transmission. Data element used in the tape label. | Tape Label #18 | | Data Administration | Manufacturer |
| Transmission Date | Date transmitter made transmission. | HR 155 | 5 N | Data Administration | Manufacturer |
| Transmission Sequence | Indicates the sequence of data revisions. | HR 152 | 3 N | Data Administration | Manufacturer |
| Transmitter of Data | Identifies the party responsible for transmitting initial provisioning data. FSCM is used. | HR 142 | 5 A/N | Data Administration | Manufacturer |
| Unit | Specifies the unit of measure conforming to the specified unit price. | PNRF 65 | 2 A | Procurement | Manufacturer |
| Unit of Measure | Used when the unit of measure requires clarification with respect to the quantity contained in the unit of measure; e.g., number of feet per length (LG), number of yards per skein (SN), etc. | PNRV 57 (EC 80) | 26 A/N | Procurement | Manufacturer |
| Unit Per Assembly | The quantity of a specific catalog sequence number part required in the build sequence of only one next higher sub-sub-assembly, sub-assembly, assembly, or installation as applicable. Data element is part of the IPC. | | | Application | Manufacturer |

Appendix D

DATA ELEMENT SPECIFICATION
Commercial (Continued)

| Element Name | Description | Block | Size | Data Type | Originator |
|--------------------------|--|--------------------|--------|-------------|--------------|
| Unit Price | Specifies the applicable unit price expressed to two decimal places which conforms to the unit of measure. | PNRF 67 | 12 N | Procurement | Manufacturer |
| Unscheduled Removal Rate | Unscheduled removal per 1,000 flying hours or operating cycles expressed in terms of End Item unit per aircraft. Includes justified and unjustified removals. Also includes the consumption rate per 1,000 flying hours or operating cycles expressed in terms of one end item per aircraft. | PNRF 114 | 6 N | Technical | Manufacturer |
| Used on Reference | When it is required that a variant of a major assembly or other repairable item be indicated, the parts used on the specific variants will be referred to their next higher assembly in EC 50 records by indicating the manufacturer's code and part number of the next higher assembly to which the parts are to be fitted. First five positions: FSCM. Remaining positions: NHA part number. | ADRV 57 (EC 50) | 26 A/N | Control | Manufacturer |

Appendix B
PROVISIONING MATRIX

| CONTROL DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|--|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C1 /Addition, Deletion or Change Part Number | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| C2 /Additional Nomenclature | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| C3 /Alternate Part Number | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| C4 /End Item Manufacturing Code | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| C5 PSCM/Manufacturers | | | BM/MB |
| C6 Indenture/Explanation Code | | | BM/MB |
| C7 Item Name/Keyword | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| C8 /Manufacturer Change Code | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| C9 Manufacturers Part Number/Part Number | | | BM/MB |
| C10 Next Higher Assembly PISN/End Item Part Number | | | BM/MB |
| Documentation Requirements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contract Award/Purchase Agreement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Guidance/Reprovisioning Conference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interim LLLI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended LLLI/Long Lead-Time Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screening/Breeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISB/Screening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAIP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Technical/End Item Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPTD/Manufacturers Technical Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Conference/Forecasting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item Cost-Price Review/Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NC-ND Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Spares Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Change Notice/Revision Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Post Conference List | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requirements Determination/Provisioning Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataloging/Control and Cross Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supply Support Request | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO/Recommended Spares/Procurement Decision | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Funding/Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Packaging/Packaging | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivery Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acceptance-Rejection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spares Pricing/Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Release/Purchase Order | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Due-In Asset/Cash Flow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operational Need Date/OND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buy Back | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix E
PROVISIONING MATRIX (Continued)

| CONTROL DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | |
|--|---|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| C11 National Stock Number/ Part Number | | | BM/ MB | | / | BM/ MB | BM/ MB | | MB/ MB | | MB/ MB | | | | | / | MB | B/ MB | | | / | | | | | | | | |
| C12 /Optional Part Number | | | X MB | | X MB | X MB | X MB | | X MB | | | X MB | | | | X MB | | | X MB | | X MB | | | X MB | | | | | |
| C13 Phased Provisioning Code | | BM X | | | MB X | MB X | | | MB X | | | | | | | | MB X | | | | | | | | | | | | |
| C14 PIIN - SPIIN | | BM X | | BM X | BM X | | | BM X | BM X | | | | | | | | | | | | | | | | | | | | |
| C15 Provisioning List Item Sequence Number/Catalog Sequence Number | | | BM/ MB | MB/ MB | MB/ MB | / | / | MB/ MB |
| C16 Prior Item PI/ISN/ Catalog Sequence Number | | | / | MB/ MB | MB/ MB | / | / | MB/ MB |
| C17 Provisioning Contract Control Number | | | BM X | BM X | BM X | | | BM X |
| C18 Reference Designation/ Part Number | | | / | MB/ MB |
| C19 Reference Designation Code/ Explanation Code | | | / | MB/ MB |

Appendix E
PROVISIONING MATRIX (Continued)

| CONTROL DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|-----------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Documentation Requirements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contract Award/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Purchase Agreement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Guidance/Reprovisioning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interim LLLI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended LLLI/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Long Lead-Time Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screening/Screening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LKS/Screening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Technical/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| End Item Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPTD/Manufacturers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Technical Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Conference/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conferences/Forecasting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item Cost-Price Review/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NC-NL Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Spares Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Change Notice/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revision Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Post Conference List | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requirements Determination/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataloging/Control and | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cross Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supply Support Request | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P10/Recommended Spares/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Purchasing Decision | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P10 Funding/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Packaging/Packaging | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivery Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acceptance-Rejection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spares Pricing/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P10 Release/Purchase Order | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Due-In Asset/Cash Flow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operational Need Date/OND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buy Back | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- C20 Reference Number Category Code/Catalog Sequence Number
- C21 Reference Number Justification Code
- C22 Reference Number Variation Code
- C23 Replaced or Superseding PLSN/Catalog Sequence Number
- C24 Same as PLSN/ Part Number
- C25 Type of Change Code/ Change Code

Appendix B
PROVISIONING MATRIX (Continued)

| APPLICATION DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | |
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
| A11 /Pool Item Candidate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A12 Precious Metal Indicator Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A13 Program Parts Selection List Code/Standard Parts Indicator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A14 Quantity per Assembly/Units per Assembly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A15 Quantity per End Item/Total Quantity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A16 /Reason for Selection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A17 /Select from Identifier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A18 Serial Number Effectivity -From/Effectivity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A19 Serial Number Effectivity -To/Effectivity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Documentation Requirements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contract Award/Purchase Agreement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Guidance/Provisioning Conference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interim LLL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended LLL/Long Lead-Time Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screening/Rescreening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISAP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Technical/End Item Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPTD/Manufacturers Technical Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Conference/Forecasting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item Cost-Price Review/Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NC-ND Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Spares Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Change Notice/Revision Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Post Conference List | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requirements Determination/Provisioning Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataloging/Control and Cross Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supply Support Request | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO/Recommended Spares/Procurement Decision | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Funding/Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Packaging/Packaging Delivery Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acceptance-Rejection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spares Pricing/Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Release/Purchase Order | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Due-In Asset/Cash Flow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operational Need Date/OND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buy Back | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix E
PROVISIONING MATRIX (Continued)

| APPLICATION DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|--|----|---|----------|----------|----------|----------|---|---|-----------|----------|----|----|----|----|----|-----------|----------|----------|----|----|----|----|----|----|----|----|----|----|----|
| A20 SMR Code/ Maintenance Overhaul | | | | | | | | | MB/ MB | | | | | B/ | | MB/ MB | | B/ | | B/ | | | | | | | | | |
| A21 Total Items Changed | | | BM X | MB X | MB X | MB X | | | MB X | MB X | | | | | | MB X | MB X | MB X | | | | | | | | | | | |
| A22 Type of Item Code | | | BM X | MB X | MB X | MB X | | | MB X | MB X | | | | | | MB X | MB X | MB X | | | | | | | | | | | |
| A23 Usable on Code/ Split Effectivity | | | BM/ X | MB/ X | MB/ X | MB/ X | | | MB/ X | MB/ X | | | | | | MB/ X | MB/ X | MB/ X | | | | | | | | | | | |
| A24 Work Unit Code/Catalog Sequence Number | B/ | | BM X | MB X | MB X | MB X | | | MB X | MB X | | | | | | MB X | MB X | MB X | | | | | | | | | | | |
| Documentation Requirements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contract Award/ Purchase Agreement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Guidance/Provisioning Conference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interim LLL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended LLL/ Long Lead-Time Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screening/Screening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I&S/Screening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SALP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Technical/ End Item Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPT/Manufacturers Technical Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Conference/ Conferences/Forecasting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item Cost-Price Review/ Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NC-ND Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Spares Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Change Notice/ Revision Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Post Conference List | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requirements Determination/ Provisioning Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataloging/Control and Cross Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supply Support Request | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO/Recommended Spares/ Purchasing Decision | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Funding/ Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Packaging/Packaging | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivery Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acceptance-Rejection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spares Pricing/ Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Release/Purchase Order | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Due-In Asset/Cash Flow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operational Need Date/OND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buy Rack | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix E
PROVISIONING MATRIX (Continued)

| TECHNICAL DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | |
|--|----|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| T1 Base Condemnation Rate/Scrap Rate | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ | | |
| T2 Contractor Turn Around Time | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ | |
| T3 Depot Condemnation Rate/Scrap Rate | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ | |
| T4 Document Availability Code | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ | |
| T5 Failure Factor I/Unscheduled Removal Rate | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ |
| T6 Failure Factor II/Removal Rate Indicator | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ |
| T7 Overhaul Replacement Percentage Time Cycle Between Overhaul | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ |
| T8 Not Repairable This Station | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ |
| T9 Hazardous Material Code | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ |
| T10 Initial Supply and/or Other Support List | B/ | | BM/ MB/ MB/ | BM/ MB/ MB/ | MB/ MB/ MB/ |

Appendix E
PROVISIONING MATRIX (Continued)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Documentation Requirements | B | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contract Award/ Purchase Agreement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Guidance Re-provisioning Conference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interim LTLI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended LTLI/ Long Lead-Time Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screening/Screening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LS/Screening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Technical/ End Item Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPTD/Manufacturers Technical Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisioning Conference/ Conferences/Forecasting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item Cost-Price Review/ Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NC-ND Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Spares Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Change Notice/ Revision Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Post Conference List | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Requirements Determination/ Provisioning Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataloging/Control and Cross Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supply Support Request | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO/Recommended Spares/ Purchasing Decision | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Funding/ Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Packaging/Packaging | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivery Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acceptance-Rejection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spares Pricing/ Procurement Budget Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIO Release/Purchase Order | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Due-In Asset/Cash Flow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operational Need Date/OND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buy Back | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TECHNICAL
DATA TYPE

- T11 Item Management Code
- T12 Maintenance Action Code
- T13 /Maintenance Percentage
- T14 Maintenance Task
Distribution
- T15 Major Organizational
Entity
- T16 Material Management
Aggregation Code
- T17 Maximum Allowable Operating
Time/Time Cycle Between
Overhaul
- T18 Method of Support Code
- T19 MOS Modifier Code
- T20 Overhaul Quantity

Appendix E
PROVISIONING MATRIX (Continued)

| PROCUREMENT DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|
| P1 /Currency Code | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | X | | | | |
| P2 /Discount | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P3 /Effective Date | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P4 Exhibit Line Item Number | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P5 /Lead Time | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P6 /Minimum Sales Quantity | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P7 /Price Condition | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P8 /Price Type | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P9 Procurement Control Identifier | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P10 Production Lead Time | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |
| P11 /Proprietary Code | | | | | X | | | | | | | X | | | | X | | | | | X | | | | | | | | | | | | |

Appendix B
PROVISIONING MATRIX (Continued)

| ADMINISTRATION DATA TYPE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|-----------|-----------|-----------|---|---|---|-----------|----|-----------|----|---------|----|----|-----------|----|---------|----|-----------------|------------------------|--|---|--|--|----------------------------|------------------------|---------------------------|----------|
| D10 Nomenclature/ Nomenclature | | | BM/ MB | MB/ MB | MB/ MB | | | | MB/ MB | | MB/ MB | | MB | | | MB/ MB | | MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D11 Nomenclature/ Model Identification | | | BM/ MB | MB/ MB | MB/ MB | | | | MB/ MB | | MB/ MB | | MB | | | MB/ MB | | MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D12 /Record Type | | | X MB | | X MB | | | | X MB | | | | X MB | | | X MB | | X MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D13 Reference Designation Over- flow Code/Explanation Code | | | BM/ MB | MB/ MB | MB/ MB | | | | MB/ MB | | MB/ MB | | MB | | | MB/ MB | | MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D14 Remarks/Explanation Code | | | BM/ MB | MB/ MB | MB/ MB | | | | MB/ MB | | MB/ MB | | MB | | | MB/ MB | | MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D15 /Sequence Number | | | X MB | | X MB | | | | X MB | | | | X MB | | | X MB | | X MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D16 Submission Control Code/ Transmission Sequence | | | BM/ MB | MB/ MB | MB/ MB | | | | MB/ MB | | MB/ MB | | MB | | | MB/ MB | | MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D17 /Text | | | X MB | | X MB | | | | X MB | | | | X MB | | | X MB | | X MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D18 /Text Counter | | | X MB | | X MB | | | | X MB | | | | X MB | | | X MB | | X MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D19 /Total Records | | | X MB | | X MB | | | | X MB | | | | X MB | | | X MB | | X MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |
| D20 /Transmitter of Data | | | X MB | | X MB | | | | X MB | | | | X MB | | | X MB | | X MB | | Cross Reference | Supply Support Request | PIO/Recommended Spares/ Purchasing Decision | PIO Funding/ Procurement Budget Review | Packaging/Packaging Delivery Date Acceptance-Rejection | Spares Pricing/ Procurement Budget Review | PIO Release/Purchase Order | Due-In Asset/Cash Flow | Operational Need Date/OND | Buy Back |

Appendix F

ACRONYMS AND ABBREVIATIONS

| | |
|-------|---|
| ACO | Administration Contract Officer |
| ADPE | Automated Data Processing Equipment |
| ADRF | Application Data Record Fixed |
| ADRV | Application Data Record Variable |
| AIA | Aerospace Industry Association |
| ALC | Air Logistics Center |
| AMIS | Acquisition Management Information System |
| AMP | Average Month's Program |
| AOG | Aircraft on Ground |
| ATA | Air Transport Association |
| BCR | Base Condemnation Rate |
| BFE | Buyer Furnished Equipment |
| CASC | Cataloging and Standardization Center |
| CBIL | Common and Bulk Items List |
| CDRL | Contract Data Requirements List |
| CLIN | Contract Line Item Number |
| CIMM | Commodity Integrated Material Manager |
| CMD | Catalog Management Data |
| DCN | Design Change Notice |
| DCR | Depot Condemnation Rate |
| DEMIL | Demilitarization |
| DID | Data Item Description |
| DIDS | Defense Integrated Data System |
| DLA | Defense Logistics Agency |

Appendix F

ACRONYMS AND ABBREVIATIONS (Continued)

| | |
|------|---|
| DLSC | Defense Logistics Services Center |
| EAIM | End Article Item Manager |
| EC | Explanation Code |
| EIPC | Engine Illustrated Parts Catalog |
| ELIN | Exhibit Line Item Number |
| ERRC | Expendability, Repairability, Recoverability Category |
| FMS | Foreign Military Sales |
| FSC | Federal Supply Classification |
| FSCM | Federal Supply Code for Manufacturers |
| GAPL | Group Assembly Parts List |
| GFE | Government Furnished Equipment |
| GSA | General Services Administration |
| GTA | General Terms Agreement |
| I&S | Interchangeability and Substitution |
| HR | Header Record |
| IMC | Item Management Code |
| IMM | Integrated Material Manager |
| IPB | Illustrated Parts Breakdown |
| IPC | Illustrated Parts Catalog |
| IPL | Illustrated Parts List |
| IRWL | Interchangeability Replacement Working List |
| ISSL | Initial Spare Support List |
| LLIL | Long Leadtime Item List |
| LSA | Logistic Support Analysis |

Appendix F

ACRONYMS AND ABBREVIATIONS (Continued)

| | |
|-----------|---|
| MAC | Maintenance Action Code |
| MAOT | Maximum Allowable Operating Time |
| MIPR | Military Interdepartmental Purchase Request |
| MIL-STD | Military Standard |
| MMAC | Material Management Aggregation Code |
| MMSR | Master Material Support Record |
| MOE | Major Organizational Entity |
| MOS | Method of Support |
| MPN/FSC | Manufacturer's Part Number/Federal Supply Code for Manufacturer |
| NC Number | Air Force Control Number |
| NHA | Next Higher Assembly |
| NINN | National Item Identification Number |
| NRTS | Not Repairable This Station |
| NSN | National Stock Number |
| PCCN | Provisioning Contract Control Number |
| PCL | Post Conference List |
| PCO | Principal Contracting Office |
| PIA | Provisioning Initiative Activity |
| PICA | Primary Inventory Control Activity |
| PIIN | Procurement Instrument Identification Number |
| PIO | Provisioned Item Order |
| PLISN | Provisioning List Item Sequence Number |
| PNRF | Part Number Record Fixed |
| PNRV | Part Number Record Variable |

Appendix F

ACRONYMS AND ABBREVIATIONS (Continued)

| | |
|--------|--|
| POP | Provisioning Operational Plan |
| PPL | Provisioning Parts List |
| PPS | Provisioning Performance Schedule |
| PPCO | Provisioning Principal Contracting Office |
| PR | Purchase Request |
| PRS | Provisioning Requirements Statement |
| PTD | Provisioning Technical Documentation |
| QEC | Quick Engine Change |
| RFP | Request For Proposal |
| RFQ | Request For Quotation |
| RIL | Repairable Item List |
| RSO | Residual Support Operation |
| RSPL | Recommended Spare Parts List |
| S-File | File of Items in Airframe or Engine IPC |
| SAIP | Spares Acquisition Integrated with Production |
| SCC | Submission Control Code |
| SE | Support Equipment |
| SERD | Support Equipment Recommendation Data |
| SFPPL | Short Form Provisioning Parts List |
| SM | System Manager |
| SMR | Source, Maintenance, Recoverability |
| SOW | Statement of Work |
| SPIIN | Supplementary Procurement Instrument Identification Number |
| SPS | Statement of Prior Submission |

Appendix F

ACRONYMS AND ABBREVIATIONS (Continued)

| | |
|--------|---|
| SPTD | Supplemental Provisioning Technical Documentation |
| SSR | Supply Support Request |
| T-File | File of Items in the IPL |
| TOCC | Type of Change Code |
| TTEL | Tools and Test Equipment List |
| WIMM | Weapons Integrated Material Manager |
| WUC | Work Unit Code |

Appendix G

BRIEFING CHARTS

DATA TABLES

| | |
|-----------|--|
| Table 1 | Provisioning Matrix Disposition |
| Table 2 | Data Type Event Status |
| Table 3-A | Provisioning Matrix Commonality - Designation Code Rank |
| Table 3-B | Provisioning Matrix Commonality - Event Rank |
| Table 4 | Null Provisioning Events |
| Table 5-A | Unique Element Disposition - Air Force |
| Table 5-B | Unique Element Disposition - Commercial |

FIGURES

| | |
|----------|---|
| Figure 1 | Provisioning Data Disposition - Air Force/ATA |
|----------|---|

Table 1

PROVISIONING MATRIX DISPOSITION

Summary of Report Tables 9 and 10

| Data Type | Manufacturer Data | | Buyer Data | | | Total Data | |
|----------------|-------------------|------------|------------|------------|------------|------------|-------------|
| | Total | Air Force | Commercial | Total | Air Force | | Commercial |
| Control | 376 | 137 | 239 | 36 | 34 | 2 | 412 |
| Application | 174 | 93 | 81 | 63 | 59 | 4 | 237 |
| Technical | 161 | 73 | 88 | 113 | 113 | 0 | 274 |
| Procurement | 151 | 62 | 89 | 56 | 41 | 15 | 207 |
| Administrative | 222 | 54 | 168 | 13 | 12 | 1 | 235 |
| TOTALS | 1084 | 419 | 665 | 281 | 259 | 22 | 1365 |

Table 2
 APPLICABLE EVENT DATA TYPE

| Number | Event Name | Data Type | | | | |
|--------|--------------------------------------|-----------|-------------|-----------|-------------|----------------|
| | | Control | Application | Technical | Procurement | Administrative |
| 01 | Documentation Requirements | | A | T | | |
| 02 | Contract Award/Purchase Agreement | C | | | | |
| 03 | Guidance/Preprovisioning Conference | C | A | T | P | D |
| 04 | Interim LLL | C | A | T | P | D |
| 05 | Recommended LLL/Long Lead-Time Items | C | A | T | P | D |
| 06 | Screening/Screening | C | | | | |
| 07 | I&S/Screening | C | | | | |
| 08 | SAIP | | | | P | |
| 09 | Provisioning Technical/End Item Data | C | A | T | | D |
| 10 | SPTD/Manufacturers Technical Data | C | | | | |

Table 2
APPLICABLE EVENT DATA TYPE (Continued)

| Number | Event Name | Data Type | | | | |
|--------|--|-----------|-------------|-----------|-------------|----------------|
| | | Control | Application | Technical | Procurement | Administrative |
| 11 | Provisioning Conference/ Conferences/Forecasting | | A | T | | |
| 12 | Item Cost-Price Review/ Procurement Budget Review | C | | | P | D |
| 13 | NC-ND Number | C | | | | |
| 14 | Initial Spares Support | | | T | | |
| 15 | SERD | C | | | | |
| 16 | Design Change Notice/ Revision Service | C | A | T | P | D |
| 17 | Post Conference List | | A | T | | |
| 18 | Requirement Determination/ Provisioning Model | | A | T | | |
| 19 | Cataloging/Control and Cross Reference | C | A | | | |
| 20 | Supply Support Request | C | | T | | |

Table 2

APPLICABLE EVENT DATA TYPE (Continued)

| Number | Event Name | Data Type | | | | |
|--------|---|-----------|-------------|-----------|-------------|----------------|
| | | Control | Application | Technical | Procurement | Administrative |
| 21 | Provisioned Item Order/ Recommended Spares/ Purchasing Decision | C | | T | P | D |
| 22 | PIO Funding/Procurement Budget Review | C | | | | |
| 23 | Packaging/Packaging | C | | | | |
| 24 | Delivery Date Acceptance- Rejection | | | | P | |
| 25 | Spares Pricing/Procurement Budget Review | C | | | P | |
| 26 | PIO Release/Purchase Order | | | | P | |
| 27 | Due-in Asset/Cash Flow | | | | | |
| 28 | Operational Need Date/ Operational Need Date | | A | | | |
| 29 | Buy Back | C | | | | |

Table 3-A

PROVISIONING MATRIX COMMONALITY

Designation Code Rank

| Rank | Designation Code | Code Definition |
|------|--|--|
| 1 | MB/ or BM/ MB BM | Common Air Force/Commercial Data MB or BM Applicable to an Equivalent Air Force/Commercial Provisioning Event |
| 2 | MB/, BM/ or B/ / or / MB BM | Common Air Force/Commercial Data with only Air Force Data MB, BM or B Applicable to an Event Common Air Force/Commercial Data with only Com- mercial Data MB or BM Applicable to an Event |
| 3 | MB/ or BM/ BM MB | Common Air Force/Commercial Data with either the Air Force MB and Commercial BM Applicable or the Air Force BM and Commercial MB Applicable to an Equivalent Event |
| 4 | MB, BM or B X X X X or X MB BM | Unique Air Force Data MB, BM or B Applicable to an Event Unique Commercial Data MB or BM Applicable to an Event |

Table 3-B

PROVISIONING MATRIX COMMONALITY

Event Rank

| Rank | Event Number | Event Name | Common Data Type |
|------|--------------|--|------------------------------------|
| 1 | 05 | Recommended LLIL/Long Lead-Time Items | Control Application |
| 2 | 09 | Provisioning Technical/End Item Data | Control Application Administration |
| 3 | 16 | Design Change Notice/Revision Service | Control Application Administration |
| 4 | 06 | Screening/Screening | Control |
| 5 | 07 | I&S/Screening | Control |
| 6 | 10 | SPTD/Manufacturers Technical Data | Control |
| 7 | 12 | Item Cost-Price Review/Procurement Budget Review | Control Administration |
| 8 | 21 | PIO/Recommended Spares/Purchasing Decision | Control |
| 9 | 22 | PIO Funding/Procurement Budget Review | Control Administration |
| 10 | 23 | Packaging/Packaging | Control |
| 11 | 25 | Spares Pricing/Procurement Budget Review | Control Administration |
| 12 | 26 | PIO Release/Purchase Order | Procurement |
| 13 | 27 | Due-In Asset/Cash Flow | Procurement |

Table 3-B

PROVISIONING MATRIX COMMONALITY (Continued)

Event Rank

| Rank | Event Number | Event Name | Common Data Type |
|------|--------------|---|--------------------------|
| 14 | 28 | Operational Need Date/Operational Need Date | Application |
| 15 | 02 | Contract Award/Purchase Agreement | None |
| 16 | 03 | Guidance/Preprovisioning Conference | Administration |
| 17 | 11 | Provisioning Conference/Conferences/ Forecasting | Technical |
| 18 | 18 | Requirement Determination/Provisioning Model | Application |
| 19 | 19 | Cataloging/Control and Cross Reference | Control |
| 20 | 01 | Documentation Requirements | Technical |
| 21 | 04 | Interim LLIL | Control |
| 22 | 08 | SAIP | Procurement |
| 23 | 13 | NC-ND Number | Control |
| 24 | 14 | Initial Spares Support | Control Technical |
| 25 | 15 | SERD | Control |
| 26 | 17 | Post Conference List | Application Technical |
| 27 | 20 | Supply Support Request | Control |
| 28 | 24 | Delivery Date Acceptance-Rejection | Application |
| 29 | 29 | Buy-Back | Control |

Table 4
NULL PROVISIONING EVENTS

| Event Reference Number | Event Name | Event Reference Number | Event Name |
|------------------------|---|------------------------------|---|
| 01 | Production Decision Maintenance Concept Provisioning Strategy Provisioning Method — PR/MIPR Programming Checklist RFP/RFQ Preproposal Conference Provisioning Performance Schedule — — | 04-09 10-27 28 | Provisioning Operational Plan Milestones Contract/End Article Data Program Data PCCN Master — Suspense Management — Spares Lay-in — Microfische History Administration |
| 02 | | | |
| 03 | | | |

C O M M E R C I A L

A I R F O R C E

Figure 1
PROVISIONING DATA DISPOSITION

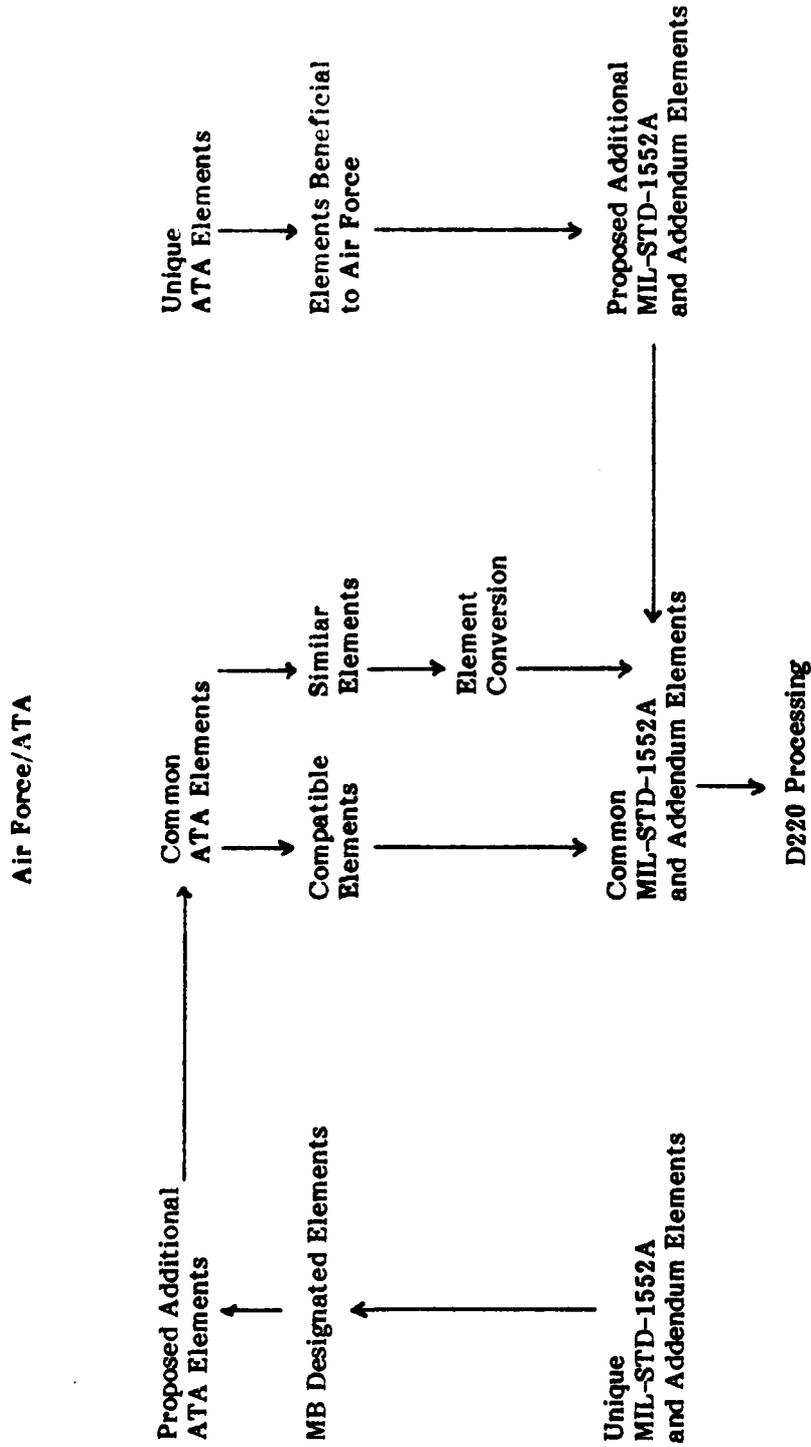


Table 5-A
UNIQUE ELEMENT DISPOSITION

Air Force

| Element Name | Type | Designation Code | Usage Status | ATA Addition |
|--|-------------|------------------|--------------|--------------|
| Automatic Data Processing Code | Application | B | Seldom | |
| Contractor Turn Around Time | Technical | MB | Seldom | |
| Delivery Schedule | Application | B | Seldom | |
| Demilitarization Code | Application | B | | |
| Document Availability Code | Technical | B | | |
| Exhibit Line Item Number | Procurement | B | | |
| Not Repairable This Station | Technical | MB | | Candidate |
| Initial Supply and/or Order Support List | Technical | B | Seldom | |
| Item Management Code | Technical | B | | |
| Maintenance Action Code | Technical | MB | Seldom | |
| Maintenance Task Distribution | Technical | Not Used | | |
| Major Organizational Entity | Technical | B | | |
| Material Management Aggregation Code | Technical | B | | |

Table 5-A

UNIQUE ELEMENT DISPOSITION (Continued)

Air Force

| Element Name | Type | Designation Code | Usage Status | ATA Addition |
|--|-------------|------------------|--------------|--------------|
| Method of Support Code | Technical | B | | |
| Method of Support Modifier | Technical | B | | |
| Mission Item Essentiality Code | Application | B | Seldom | |
| Overhaul Quantity | Technical | Not Used | | |
| Phased Provisioning Code | Control | MB | Seldom | |
| Physical Security/ Pilferage Code | Application | MB | | Candidate |
| Precious Metal Indicator Code | Application | MB | | Candidate |
| Primary Inventory Control Activity | Technical | B | | |
| Procurement Control Identifier | Procurement | Not Used | | |
| Procurement Instrument Identification Number | Control | BM | | |
| Production Lead Time | Procurement | MB | | Candidate |
| Prorated from ELIN | Procurement | MB | | Candidate |

Table 5-A

UNIQUE ELEMENT DISPOSITION (Continued)

Air Force

| Element Name | Type | Designation Code | Usage Status | ATA Addition |
|--------------------------------------|-------------|------------------|--------------|--------------|
| Prorated Quantity | Procurement | MB | Seldom | |
| Provisioning Contract Control Number | Control | BM | | |
| Quantity Procured | Procurement | MB | | Candidate |
| Quantity Shipped | Procurement | MB | | Candidate |
| Reference Number Justification Code | Control | B | | |
| Reference Number Variation Code | Control | B | Seldom | |
| Requisition Number | Procurement | B | Seldom | |
| Special Handling Code | Technical | Not Used | | |
| Special Item Code | Technical | MB | Seldom | |
| Substitute MMAC | Technical | B | Seldom | |
| Substitute NSN | Technical | B | Seldom | |
| Total Items Changed | Application | MB | | Candidate |
| Type of Item Code | Application | MB | Seldom | |
| Work Unit Code | Application | MB | | Candidate |

Table 5-B
UNIQUE ELEMENT DISPOSITION

Commercial

| Element Name | Type | Designation Code | Air Force Benefit |
|-------------------------------------|----------------|------------------|-------------------|
| Addition, Deletion or Change of P/N | Control | MB | * |
| Additional Nomenclature | Control | MB | * |
| Alternate Part Number | Control | MB | * |
| Currency Code | Procurement | MB | * |
| Customer | Administration | MB | * |
| Discount | Procurement | MB | * |
| Effective Date | Procurement | MB | * |
| End Item Manufacturing Code | Control | MB | * |
| Engine Level Maintenance | Application | ME | * |
| File Identifier | Administration | MB | * |
| Hazardous Material Code | Technical | MB | * |
| Keyword | Control | MB | * |
| Lead Time | Procurement | MB | * |
| Maintenance Percentage | Technical | MB | * |
| Manufacturing Change Code | Control | MB | * |
| Minimum Sales Quantity | Procurement | MB | * |
| Optional Part Numbers | Control | MB | * |

*To be determined.

Table 5-B

UNIQUE ELEMENT DISPOSITION (Continued)

Commercial

| Element Name | Type | Designation Code | Air Force Benefit |
|--------------------------------|----------------|------------------|-------------------|
| Pool Item Candidate | Application | MB | * |
| Price Condition | Procurement | MB | * |
| Price Type | Procurement | MB | * |
| Proprietary Code | Procurement | MB | * |
| Reason for Selection | Application | MB | * |
| Record Type | Administration | MB | * |
| Refundable Charge | Procurement | MB | * |
| Select from Identifier | Application | MB | * |
| Select from Reference | Technical | MB | * |
| Sequence Number | Administration | MB | * |
| Special Charges | Procurement | MB | * |
| Text | Administration | MB | * |
| Text Counter | Administration | MB | * |
| Time Cycle Between Shop Visits | Technical | MB | * |
| Time/Cycle Indicator | Technical | MB | * |
| Total Records | Administration | MB | * |
| Transmitter of Data | Administration | MB | * |

*To be determined.