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MSC-APOLLO-2 Vol. II

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

APOLLO ENGINEERING AND TECHNOLOGY INDEX

VOLUME II. - SYSTEMS INDEX

JANUARY 1968

(THIS ISSUE SUPERSEDES ALL PREVIOUS ISSUES)



MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

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INTRODUCTION

The Apollo Engineering and Technology Index (AETI) is a computer printout listing a majority of the pertinent design and development reports published by the Apollo spacecraft contractors and the National Aeronautics and Space Administration. This index was designed to aid an engineer searching for reports that relate to engineering developments, decisions, design approaches, and problems encountered in the evolution of his project.

The complete AETI consists of three volumes: Volume I, Corporate Author Index, is an alphabetical listing, by corporate source, of contractor reports; Volume II, Systems Index, separates the published engineering reports by systems with a further breakdown into subsystems and major equipment groups; Volume III, Configurations Index, is a listing of documents grouped by configuration. A configuration is an equipment group assembled for a unique mission. Examples are: Boilerplates (BP-1), Missions (AS-201), NAA Air Frames (AF-001), Grumman Configurations (LTA-8), or NAA Spacecraft (SC008).

The Apollo Systems Chart lists equipment by three categories; (1) Airborne/Spaceborne Equipment, (2) Direct Ground Support Equipment, and (3) Miscellaneous, Support, General, and Related Equipment. These equipment categories are divided into systems; the systems are divided into subsystems, and the subsystems are divided further into major equipment groups. In the Table of Contents, the systems are printed flush with the margin; the subsystems are indented two spaces, and the major equipment groups are indented five spaces.

The documents listed in this index (Volume II) can be obtained for reference from the MSC library which is located on the first floor of building 45, Manned Spacecraft Center, Houston, Texas. To locate and obtain a document, either the MSC accession number or the contractor's report number can be used. Since the MSC accession number quickly gives the location of the document, it will be used whenever possible.

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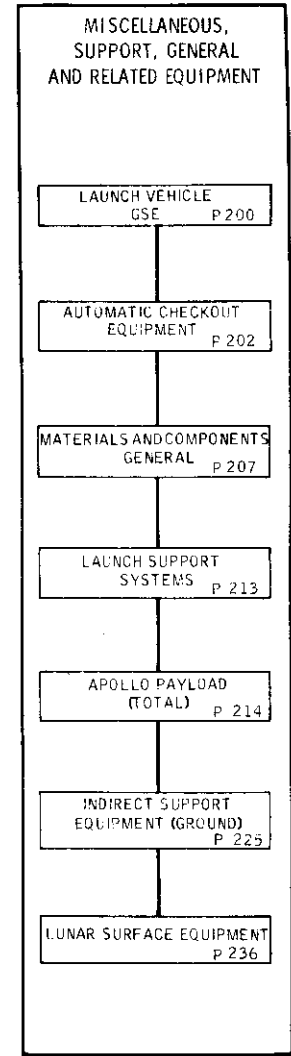
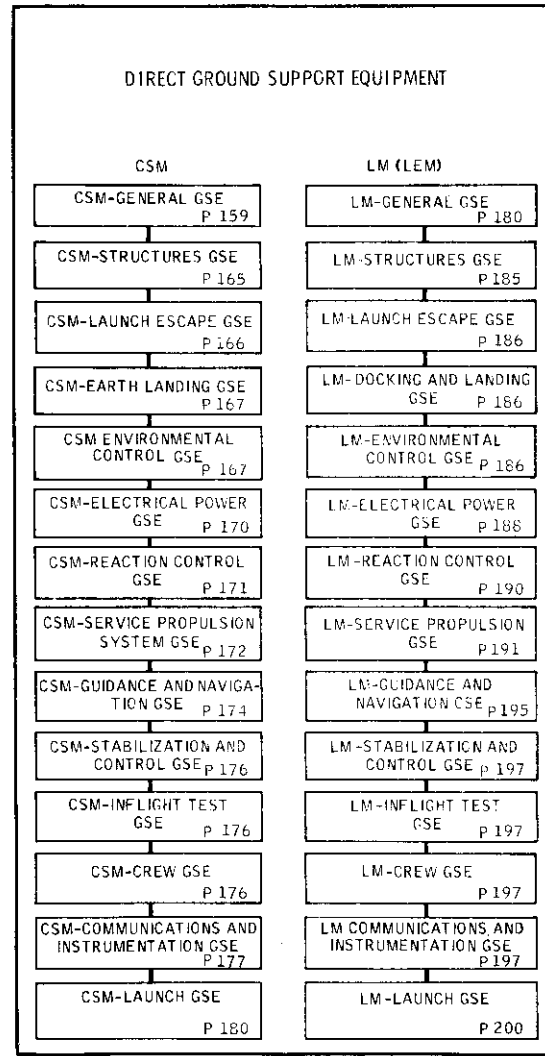
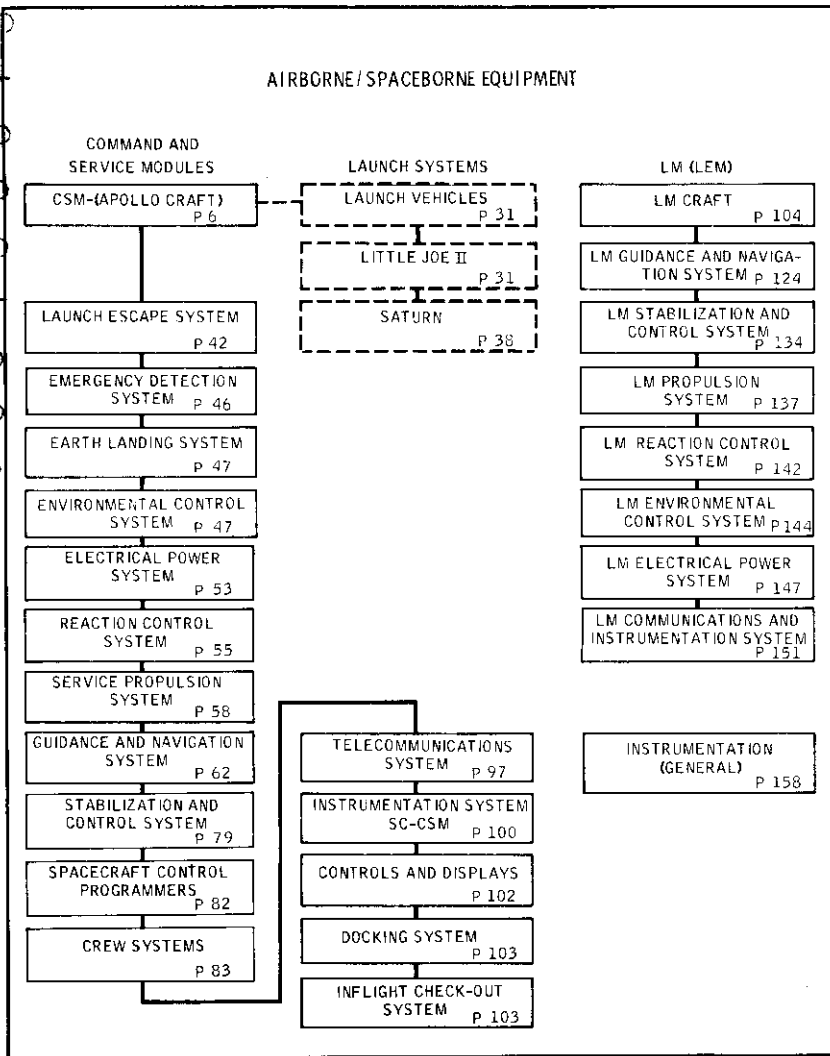
Permanent loan copies of any document listed in this index can be obtained on approval of Mr. Herbert L. Tash, Apollo Data Manager, Code PP3, Manned Spacecraft Center, Houston, Texas. All requests for documents will be via a Request for Apollo Documentation (RAD) form or by memo. Additional copies of this index may also be obtained from The Apollo Data Manager. MSC personnel and their local support contractor personnel can obtain additional information by calling extension 2198.

This index, Volume II, is a complete listing of all documents currently indexed that contain information on any of the three equipment categories listed above. In the future the index will be compiled quarterly and will contain only those documents received during that quarter.

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APOLLO SYSTEMS CHART

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INSTRUCTIONS

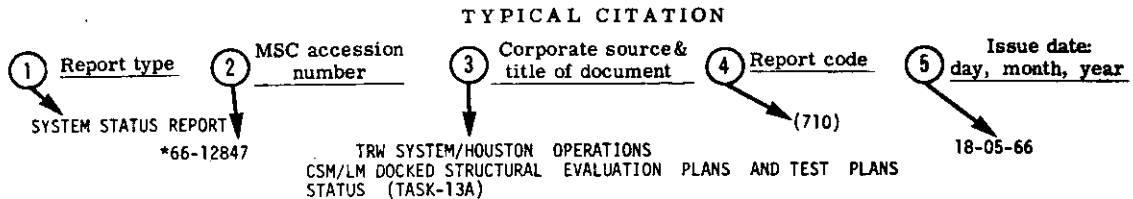
To use the Systems Index, the following procedure is recommended:

A. Using the Apollo Systems Chart, locate the desired system (or systems) and page number. (See Table of Contents for a more complete alphabetical breakdown to Major Equipment Group level.)

B. Note the MSC accession number of the report.

C. Give the MSC accession number to the librarian who will locate the report. (If possible give the entire citation to the librarian to aid her in locating similar reports for you.)

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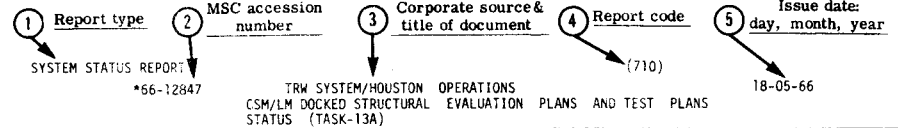


- ① The report type is the generic name of the report as called out in the contract exhibit.
- ② The MSC accession number indicates to the librarian the shelf position of the document. This number should be used to obtain a document from the MSC library.
- ③ The corporate source is the contractor or government agency that published the report.
- ④ The report code is a number that applies to a report type. The report types are assigned series numbers in order of their engineering importance (e.g., the 100 series, Specifications; and the 700 series, Progress Reports and Data). A complete listing of report types is shown on page 237. In the text, the report type groups are separated by dotted lines.
- ⑤ The issue date is the date the report was printed. (Revised reports are assigned new issue dates.)

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*67-15217	NORTH AMERICAN AVIATION, INC./SID GFE, GUIDANCE, NAVIGATION, AND CONTROL PERFORMANCE AND INTERFACE SPECIFICATION BLOCK 2 (U)	12-11-65

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*65-10192	NORTH AMERICAN AVIATION, INC./SID PROJECT APOLLO END ITEM SPECIFICATION, ROTILERPLATE NO. 23 (U)	09-10-64
*66-10452	NORTH AMERICAN AVIATION, INC./SID CSM MASTER END ITEM SPECIFICATION, BLOCK II (U)	22-11-66
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*66-12707	NORTH AMERICAN AVIATION, INC./SID CSM MASTER END ITEM SPECIFICATION - BLOCK I (U)	01-12-64
*66-12708	NORTH AMERICAN AVIATION, INC./SID APOLLO VEHICLE MODEL SPECIFICATION-BASIC BLOCK I (U)	01-10-64
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*67-14741	NORTH AMERICAN AVIATION, INC./SID CSM END ITEM SPECIFICATION PART 1, PERFORMANCE/DESIGN REQUIREMENTS SPACECRAFT 2TW-1 FOR APOLLO CSM SYSTEM (U)	22-09-65
*67-14742	NORTH AMERICAN AVIATION, INC./SID CSM 012 END ITEM SPECIFICATION PART 1, PERFORMANCE/DESIGN REQUIREMENTS APOLLO (U)	22-02-65

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*66-10804 NORTH AMERICAN AVIATION, INC./SID
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*65-11248 NORTH AMERICAN AVIATION, INC./SID
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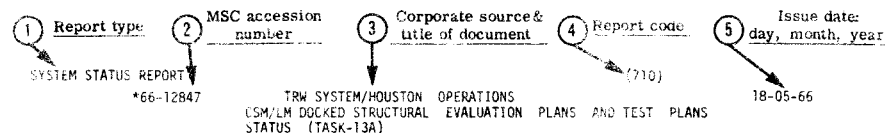
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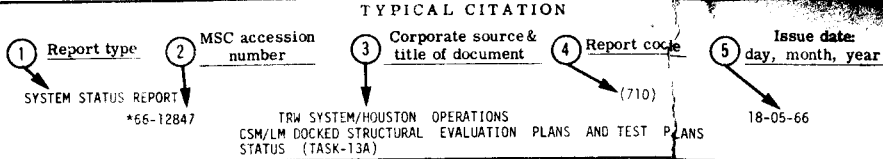
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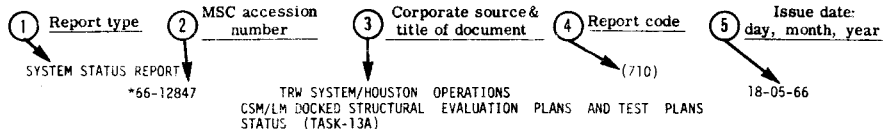
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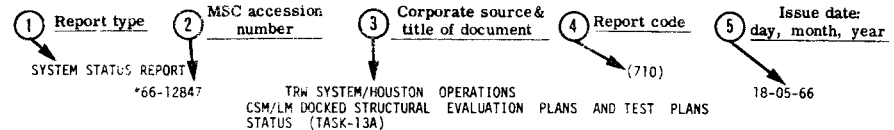
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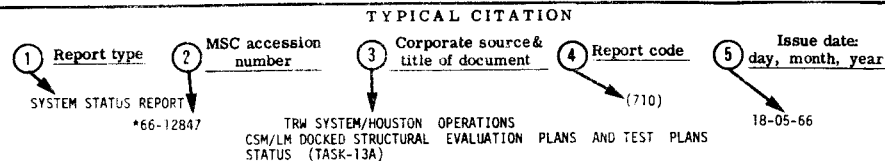
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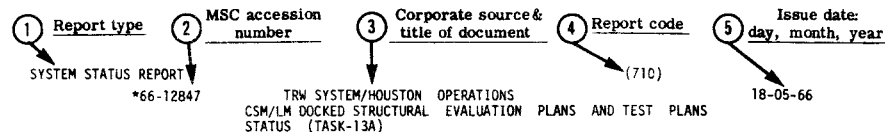
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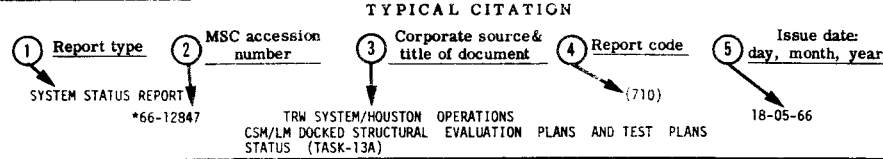
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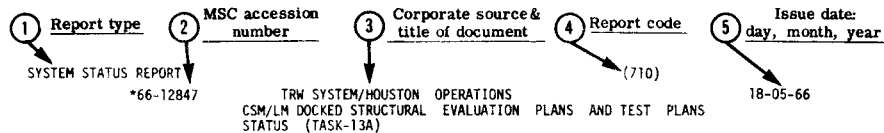
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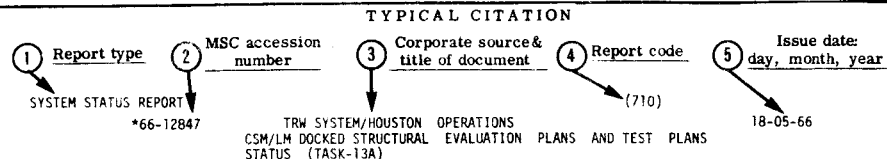
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Structures

heat shield

CSM (APOLLO CRAFT) - Continued

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heat shield

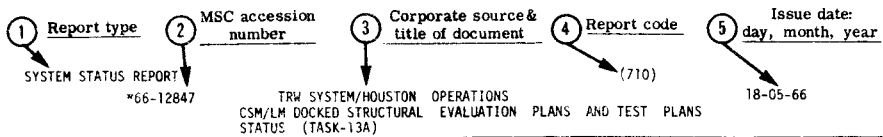
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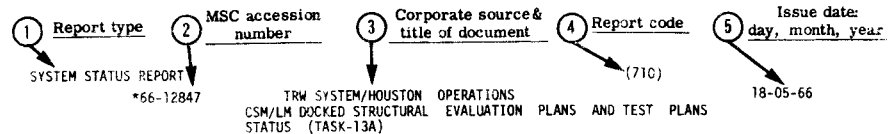
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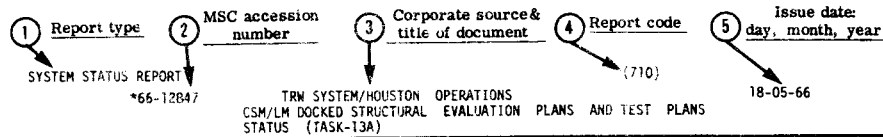
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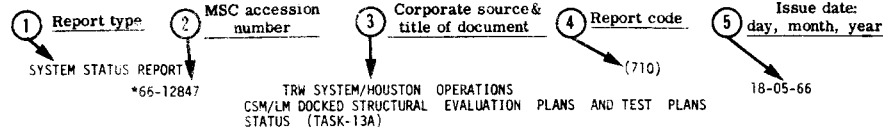
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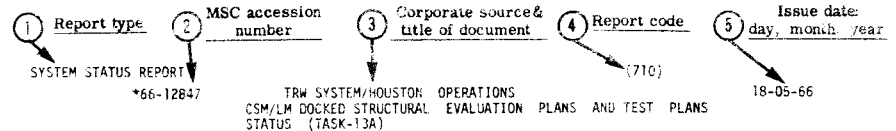
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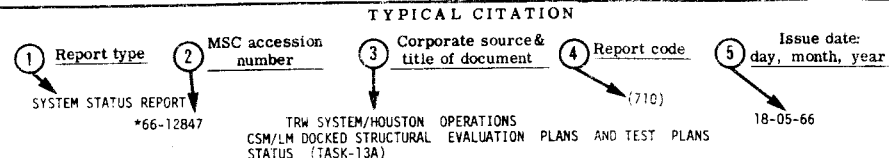
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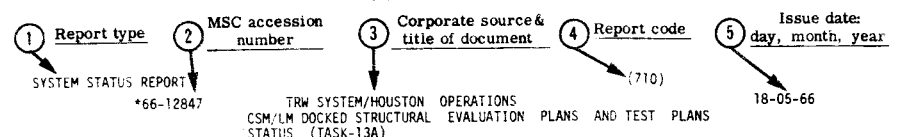
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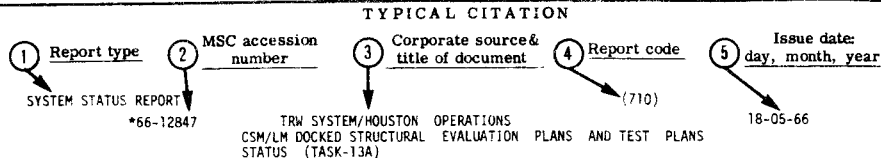
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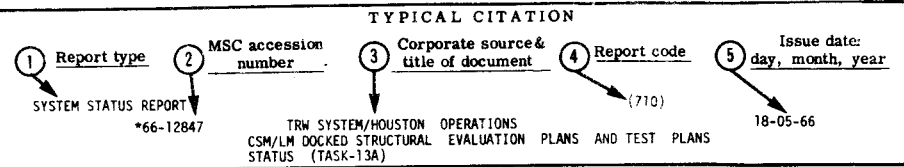
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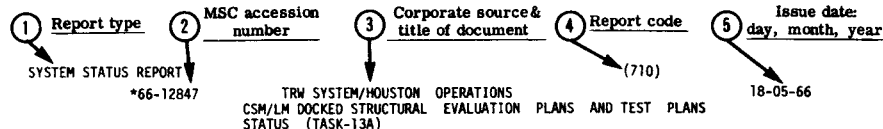
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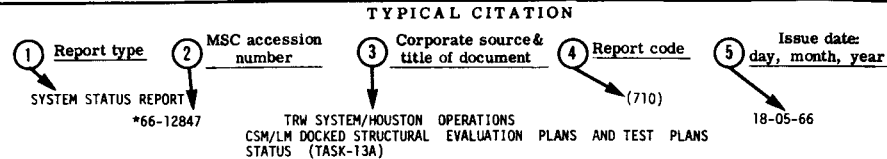
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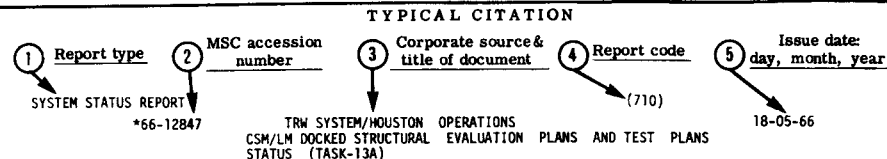
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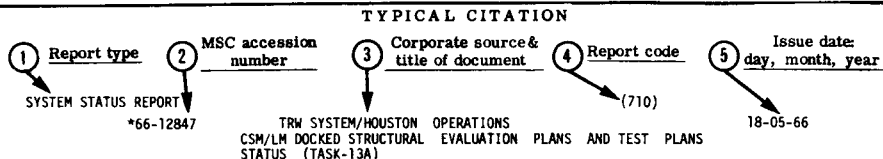
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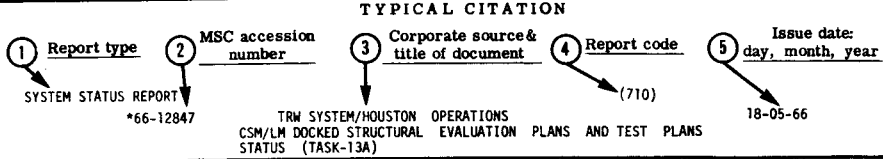
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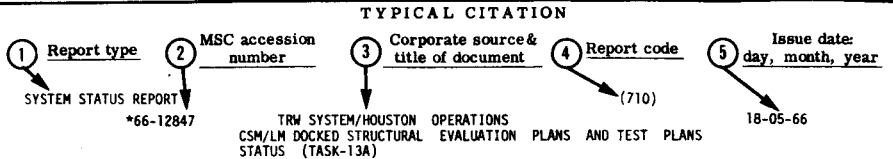
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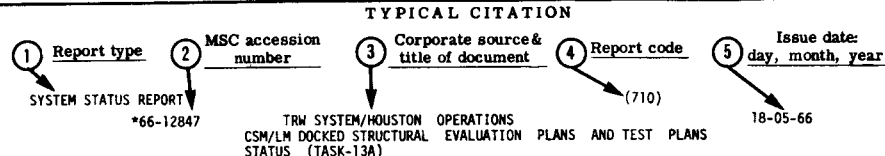
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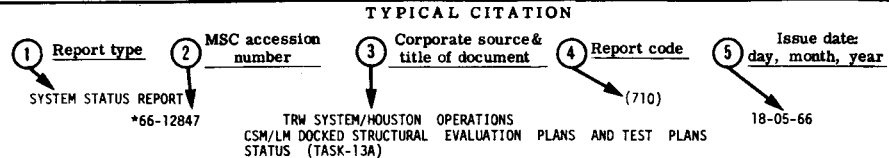
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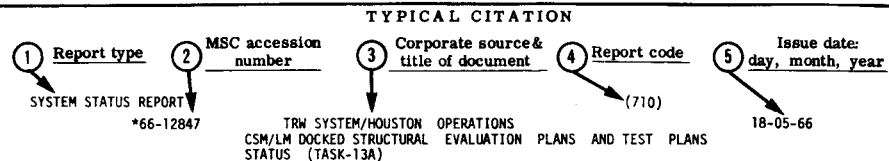
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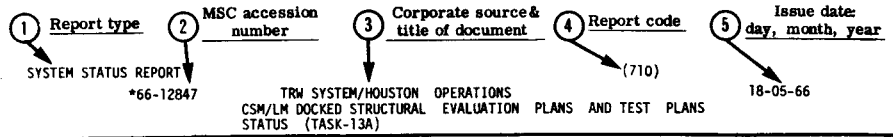
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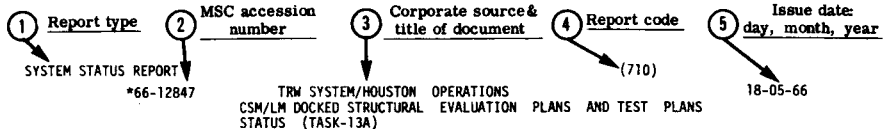
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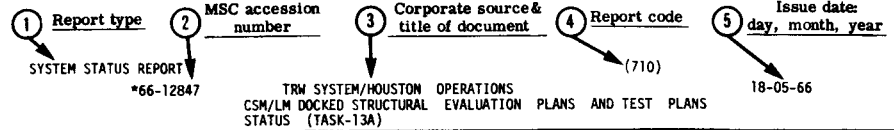
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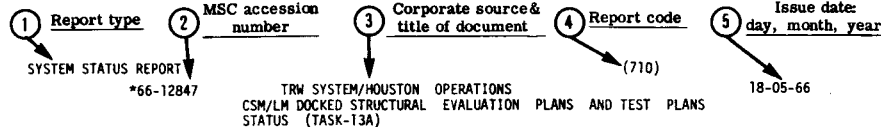
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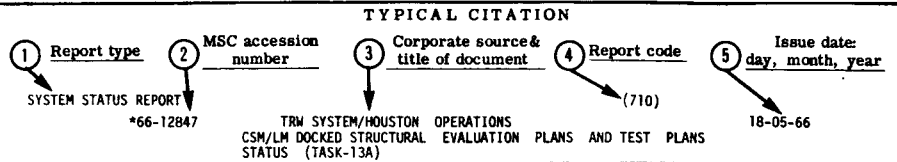
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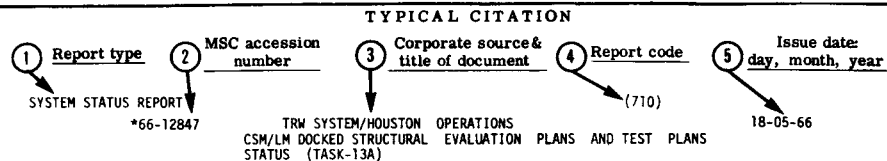
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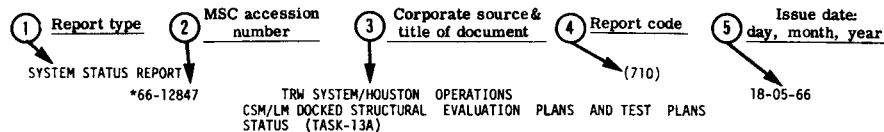
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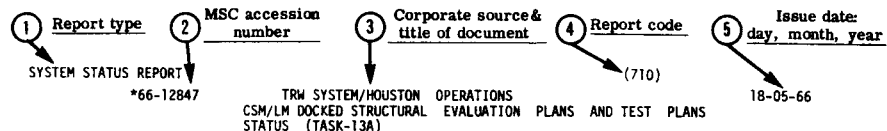
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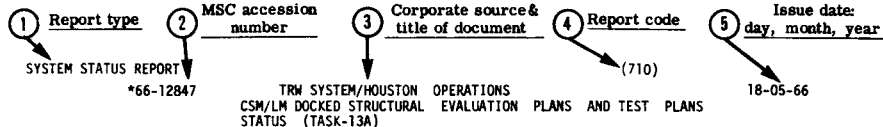
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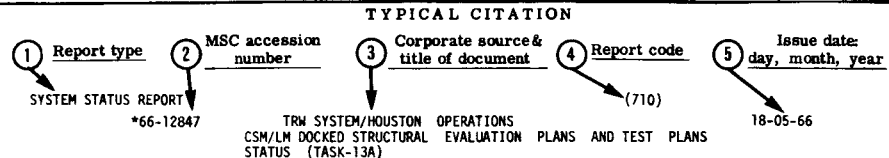
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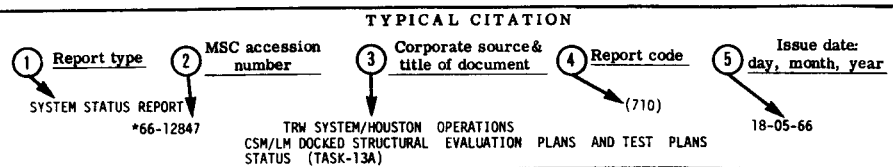
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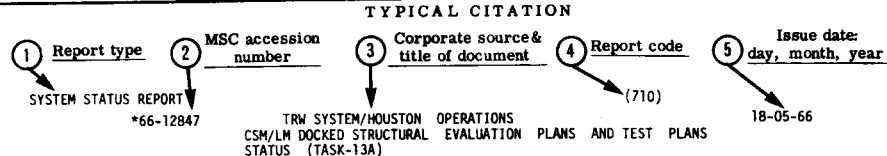
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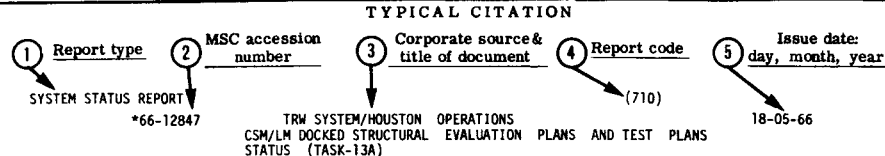
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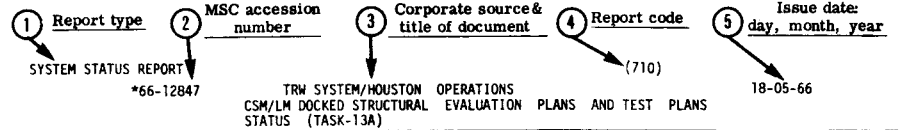
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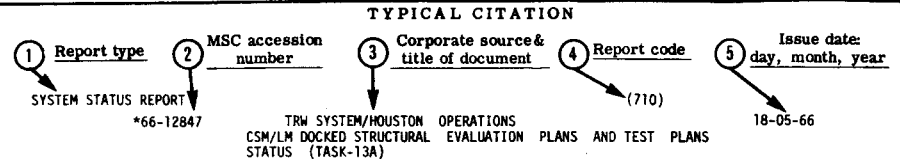
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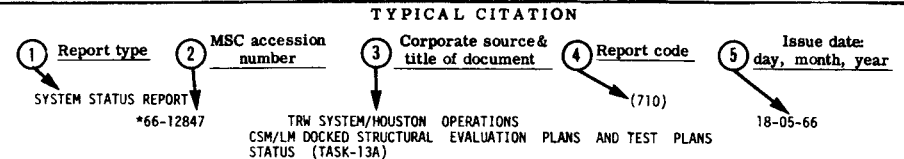
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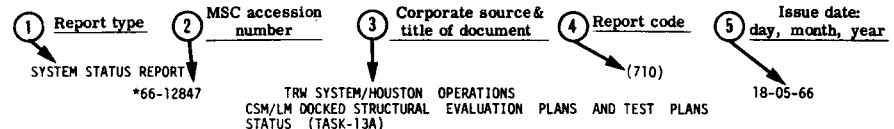
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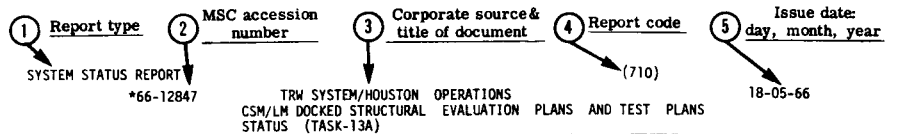
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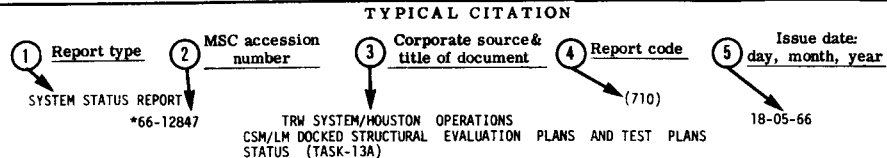
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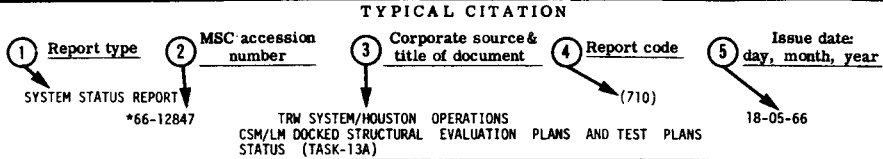
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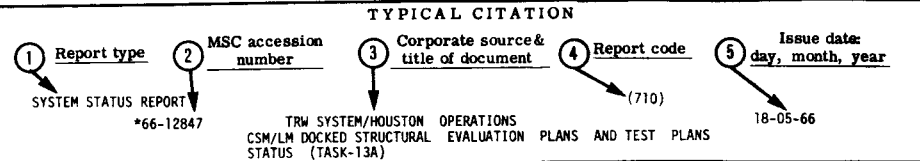
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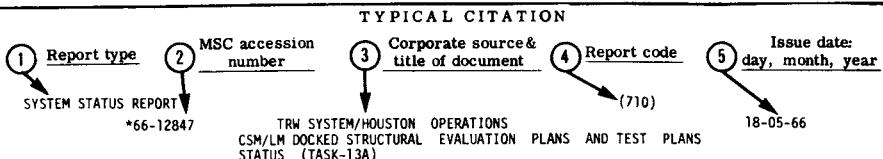
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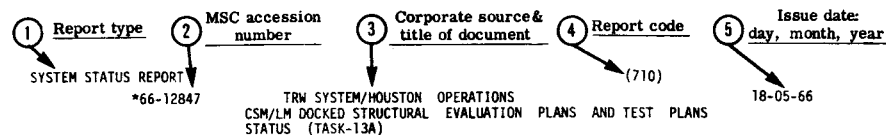
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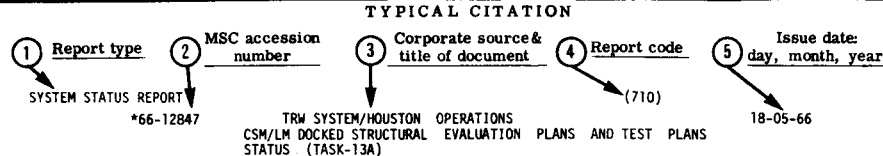
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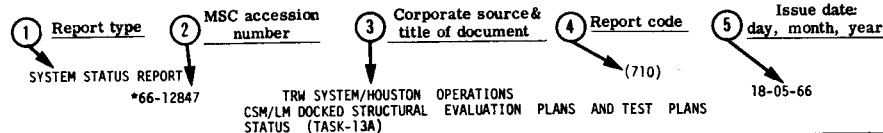
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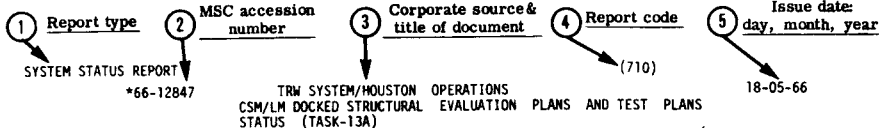
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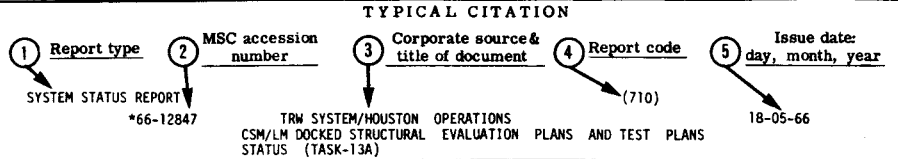
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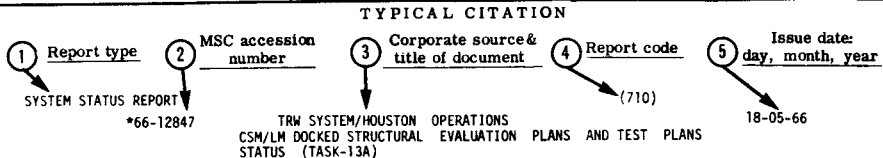
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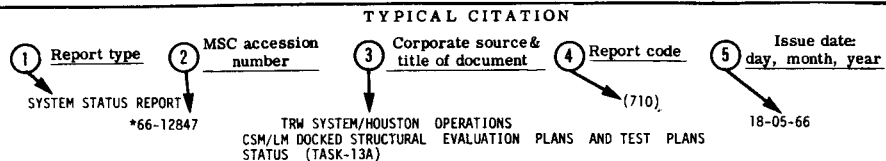
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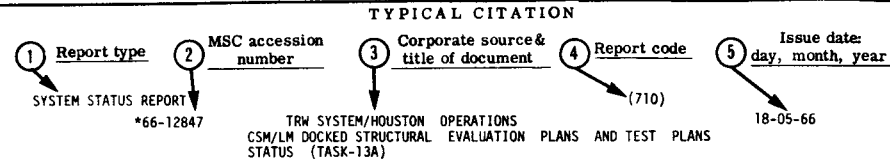
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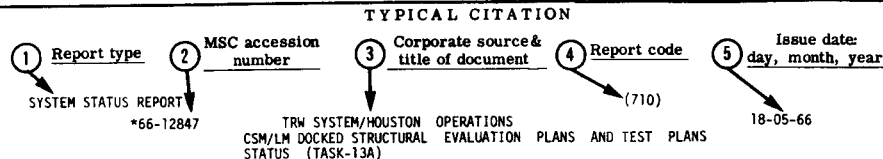
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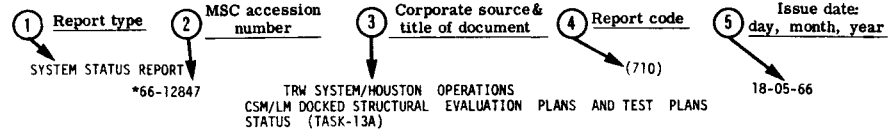
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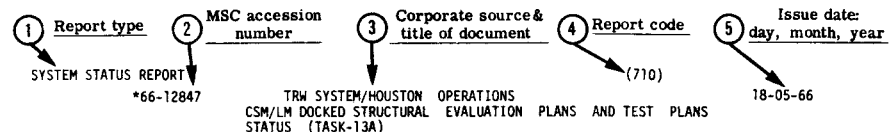
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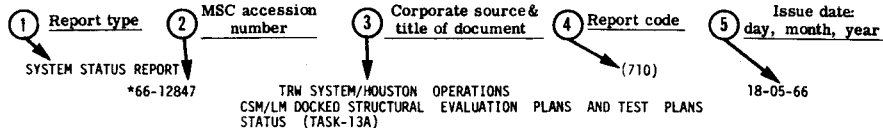
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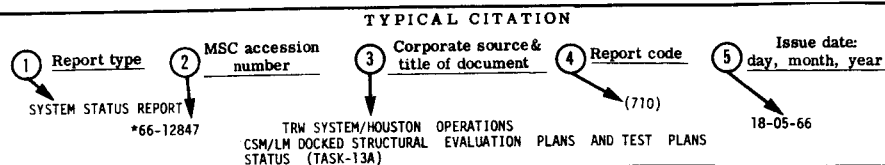
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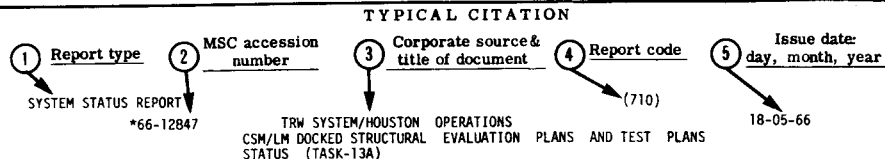
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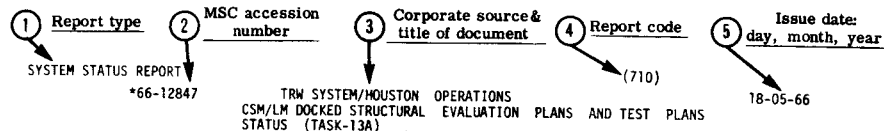
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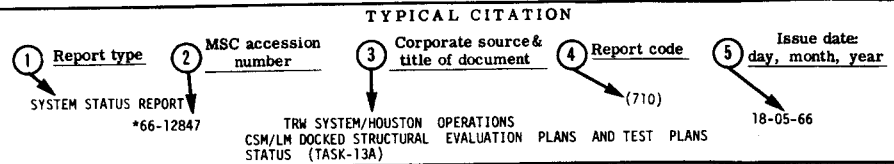
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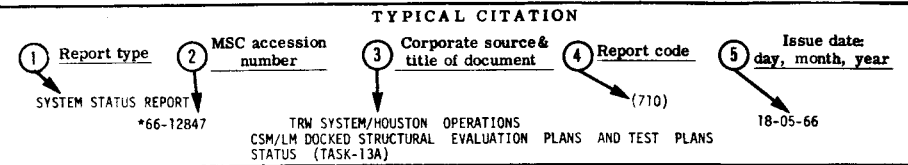
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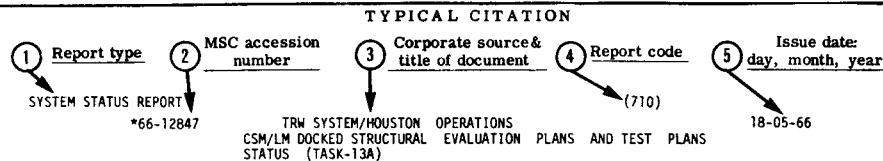
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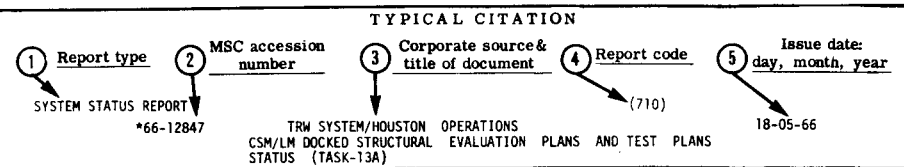
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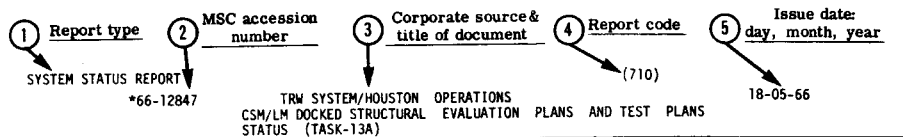
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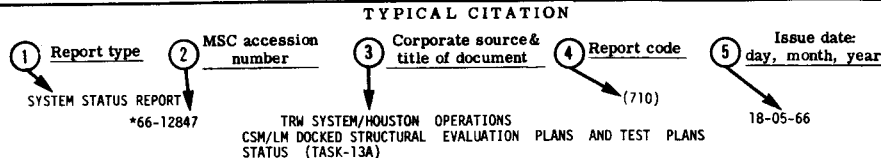
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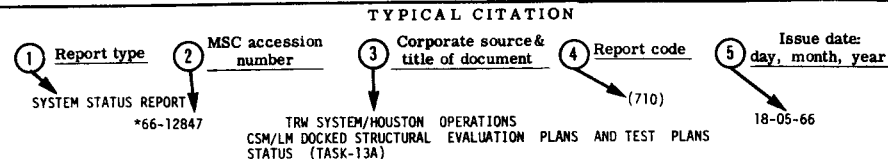


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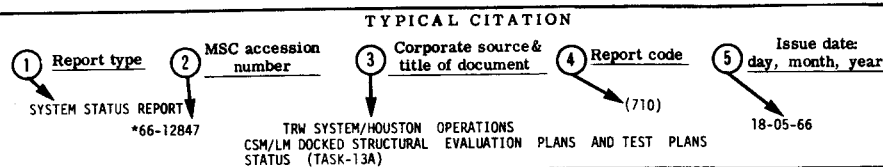
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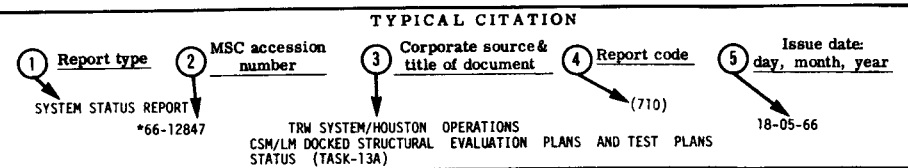
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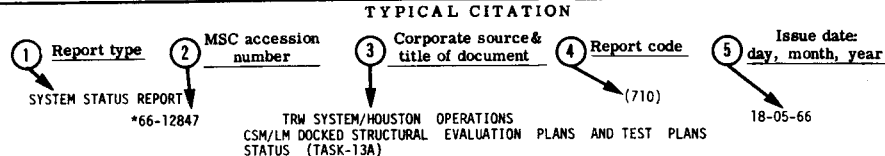
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*65-11074	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-MOTORS, DUMMIES, LAUNCH ESCAPE SYSTEM SUPPO RT. (NOT MISSION ESSENTIAL)	00-00-65
*66-11075	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-MAINTENANCE ACCESS EQUIPMENT-LAUNCH ESCAP E SYSTEM SUPPORT, (NOT MISSION ESSENTIAL) (1964-1965)	00-00-64
*66-11076	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-SLINGS, JETTISON MOTOR-LAUNCH ESCAPE SYSTE M SUPPORT, (NOT MISSION ESSENTIAL) (1963-1965)	00-00-63
*66-11607	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-LAUNCH ESCAPE SYSTEM SUPPORT-POSITIONING AND TRANSPORTATION EQUIPMENT, (NOT MISSION ESSENTIAL) (1963-1965)	00-00-63
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*66-11609	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-TOOLS, LES ASSEMBLY-LAUNCH ESCAPE SYS. SU PPORT-(NOT MISSION ESSENTIAL) (1963-1965)	00-00-63
*66-11610	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-SLINGS, RIGGING, CSM AND LES LAUNCH ESCAPE SYSTEM SUPPORT, (NOT MISSION ESSENTIAL) (1963-1965)	00-00-63
*66-11611	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-BENCH MAINTENANCE ALIGNMENT EQUIPMENT, LAUNCH ESCAPE SYSTEM SUPPORT-(NOT MISSION ESSENTIAL) (1963-1965)	00-00-63
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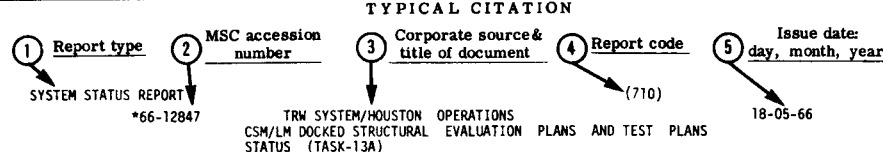
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*66-11394	NORTH AMERICAN AVIATION, INC./SID GSE DETAIL END ITEM SPECIFICATION FOR FLUID DISTRIBUTION SYSTEM MODEL S14-037	05-03-65
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SYSTEM:	SUBSYSTEM:	MAJOR EQUIPMENT GROUP:	SYSTEM:	SUBSYSTEM:	MAJOR EQUIPMENT GROUP:
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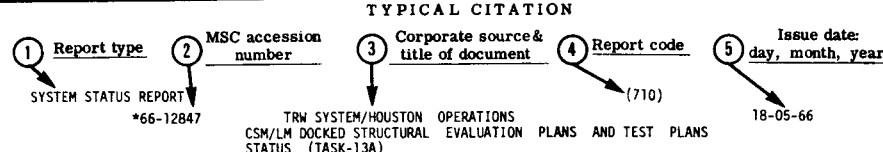
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*67-16795	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 AUGUST 1965 TO 15 SEPTEMBER 1965	30-09-65
*67-16796	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 SEPTEMBER 1965 TO 15 OCT. 1965	31-10-65
*67-16797	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 NOVEMBER 1965 TO 15 DECEMBER 1965	31-12-65
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*67-16901	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 APRIL 1965 TO 15 MAY 1965	31-05-65
*67-16802	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 15 MARCH 1964- 15 APRIL 1964	30-04-64
*67-16803	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 15 JULY 1964- 15 AUGUST 1964	31-08-64
*67-16804	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 JUNE 1964- 15 JULY 1964	31-07-64
*67-16805	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 MAY 1964- 15 JUNE 1964	30-06-64
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*67-16809	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 NOVEMBER THRU 15 DECEMBER 1963	02-01-64
*67-16910	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 16 FEB. 1965-15 MARCH 1965	31-03-65
*67-16911	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 15 OCTOBER 1964-15 NOVEMBER 1964	30-11-64
*67-16912	GARRETT CORP./AIRESEARCH MFG. DIV. MONTHLY PROGRESS REPORT, ENVIRONMENTAL CONTROL SYSTEM, 15 SEPTEMBER 1964-15 OCTOBER 1964	31-10-64
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*66-11349	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR CHECKOUT SET-CREW SYSTEMS MODEL C14-009	29-03-65
*66-11926	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR MODULE LEAK TEST UNIT MODEL S14-079	05-05-65
*66-12042	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR WATER TRANSFER UNIT-POTABLE, LIGHTWEIGHT (MODEL S14-119)	21-07-65
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*66-10912	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION POWER SUPPLY-GROUND SPACECRAFT MODEL C14-418 (-101 MODIFICATION)	08-02-66
*66-10933	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR CONSOLE ASSEMBLY-HEATER POWER SUPPLY MODEL A14-052 (101 MODIFICATION)	16-12-65

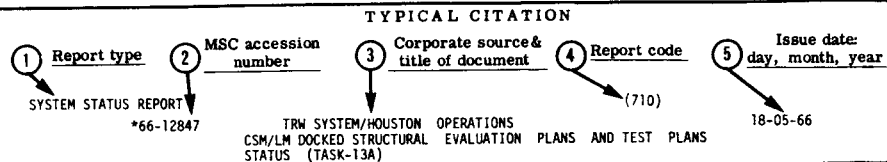
SYSTEM:	SUBSYSTEM:	MAJOR EQUIPMENT GROUP:
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*66-11503	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR CABLE SET-ELECTRICAL TEST PREP AREA, F 2 AND AFM 001 MODEL C14-494 (-101 MODIFICATION)	22-01-65
*66-11575	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION-COOLANT CRYOGENIC SERVICING EQUIPMENT, CSM ELECTRICAL SYSTEM SUPPORT, (NOT MISSION ESSENTIAL)(1965-1966)	00-00-66
*66-11577	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-BATTERY CHARGING AND MAINTENANCE UNITS-CSM ELECTRICAL SYSTEM SUPPORT-(NOT MISSION ESSENTIAL)(1963-1965)	00-00-65
*66-11578	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-CARLING AND JUNCTION/LOAD BOXES-CSM ELECTRICAL SYSTEM SUPPORT-(NOT MISSION ESSENTIAL)	00-00-65
*66-11907	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR BATTERY CONDENSER-UNIT ASSEMBLY MODEL S14-091 ADDENDA (MOD KIT 1)	22-06-65
*66-11913	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR ELECTRICAL CABLE SET MODEL NO C14-108 (-31 MODIFICATION)	20-08-63
*66-11935	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR COVER SET, PROTECTIVE MODEL A14-063 (MODIFICATION-101) ADDENDA (MOD KIT 1)	15-12-65
*66-12077	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR CASE-FILTER AND DISTRIBUTION UNIT, MODEL C14-205	21-05-65
*66-12082	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR CASE ASSEMBLY-SPACECRAFT GROUND POWER FILTER MODEL C14-316(-101 MODIFICATION)	09-08-65
*67-13846	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPEC. FOR HIGH VOLTAGE POWER SUPPLY AND BATTERY BACKUP UNIT MODEL C34-555	26-05-67
*67-13899	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR TERMINAL DISTRIBUTOR-STANDARD ELECTRICAL MODEL C34-561	07-10-66
*67-13906	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPEC. FOR CSM UMBILICAL ELECTRICAL SEPARATION SIMULATOR MODEL C34-377	27-05-66
*67-14509	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR INVERTER SUBSTITUTE UNIT EQUIPMENT MODEL NO. A14-097	02-12-65
*67-15664	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR EPS WATER-GLYCOL ENTRAINED GAS DETECTION UNIT, MODEL A14-343	19-07-67
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*67-14817	NASA / MSC - HOUSTON / CREW SYSTEM DIV. APOLLO BLK 2 AUXILIARY ELECTROMECHANICAL HARNESS ACCEPTANCE TEST PROCEDURE AND DATA SHEETS	14-03-66
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*65-10229	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS FUEL CELL AND CRYOGENIC SYSTEM SPECIAL TEST UNIT MODEL C14-679	26-03-65
*65-10241	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS. FUEL CELL SUPPORT, SPECIAL TEST UNIT, (MODEL C14-601)	14-05-65
*65-10245	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS CRYOGENICS OXYGEN SERVICING CONSOLE SPECIAL TEST UNIT	25-06-65
*66-12474	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS FUEL CELL AND CRYOGENIC STORAGE SYSTEM POWER SUPPLY MODEL A14-052	18-06-65
*66-12639	NORTH AMERICAN AVIATION, INC./SID APOLLO SUPPORT EQUIPMENT MAINTENANCE HANDBOOK, LO2 TRANSFER UNIT, MODEL S14-032	01-06-65
*66-12672	NORTH AMERICAN AVIATION, INC./SID GSE FUEL CELL POWER PLANT WATER/GLYCOL SERVICING UNIT MODEL S14-054	10-09-64
*66-12673	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS POWER DISTRIBUTION CONSOLE MODEL C14-418	16-04-65
*66-12675	NORTH AMERICAN AVIATION, INC./SID APOLLO SUPPORT EQUIPMENT MAINTENANCE FUEL CELL RADIATOR SUBSTITUTE UNIT MODEL A14-059	10-09-64
*65-12679	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS LOAD BANK-ELECTRICAL MODEL A14-074	16-04-65
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*66-12685	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS FUEL CELL SUBSTITUTE UNIT MODEL A14-084	09-04-65
*66-12686	NORTH AMERICAN AVIATION, INC./SID SUPPORT EQUIPMENT MAINTENANCE INVERTER SUBSTITUTE UNIT MODEL A14-087	01-03-65
*66-12694	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS SPACECRAFT GROUND POWER SUPPLY MODEL C14-418	02-04-65
*66-12699	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE OPERATION AND SERVICE INSTRUCTIONS GROUND POWER DISTRIBUTION UNIT MODEL C14-481-201	04-06-65
*66-12741	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS ELECTRICAL POWER SYSTEM SPECIAL TEST UNIT MODEL C14-600	07-05-65
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*66-11346	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR DISTRIBUTION PANEL-GROUND POWER MODEL C14-481(1-101 MODIFICATION)	10-12-64
*66-11351	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR POWER SUPPLY-GROUND, SPACECRAFT MODEL C14-418	12-10-65
*66-11367	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR LOAD BANK-ELECTRICAL MODEL A14-074 (101 MODIFICATION)	11-05-65
*66-11368	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR DISTRIBUTION UNIT-GROUND POWER MODEL C14-481 (301 MODIFICATION)	22-06-65
*66-11399	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR DISTRIBUTION UNIT-GROUND POWER MODEL C14-481 (1-201 MODIFICATION)	09-07-65
*66-12079	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR CASE ASSEMBLY-SPACECRAFT, GROUND POWER FILTER MODEL C14-316	23-04-65
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*66-10926	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR RCS VALVE DRIVER AND MONITOR CSL GROUP MODEL C14-483 (ADDENDA III)	05-11-65
*66-11003	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR DEACTIVATION UNIT, COLD REACTION CONTROL SYSTEM MODEL S14-138	07-12-65
*66-11026	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR DEACTIVATION UNIT, FUEL, REACTION CONTROL SYSTEM MODEL S14-137	07-12-65
*66-11518	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR HANDLING AND INSTALLATION SET-RCS MODEL L NO H14-098	02-10-63
*65-11596	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-SENSOR SET ASSEMBLIES-CSM-REACTION CONTROL SYSTEM SUPPORT, (NOT MISSION ESSENTIAL)	00-12-64
*66-11557	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-STANDS, HANDLING AND PROTECTION EQUIPMENT, CSM-REACTION CONTROL SYSTEM SUPPORT, (NOT MISSION ESSENTIAL) 1964-1965	00-00-65
*66-11598	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-ADAPTER SETS-FLUID CONVEYING, CSM-REACTION CONTROL SYSTEM SUPPORT- (NOT MISSION ESSENTIAL)	00-00-64
*67-14168	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR FIXTURE INSTALLATION-SERVICE MODULE REACTION CONTROL SYSTEM QUAD PANELS MODEL H14-259	06-03-67
*67-14170	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR CONTROL CONSOLE-RECORDER INTERFACE MODEL C14-650	08-05-67
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*65-10250	NORTH AMERICAN AVIATION, INC./SID GSE OPERATION AND SERVICE INSTRUCTIONS RCS VALVE DRIVER AND MONITOR UNIT	17-04-65
*65-10256	NORTH AMERICAN AVIATION, INC./SID REACTION CONTROL SYSTEM FUEL SERVICING UNIT, MODEL S14-063 FOR SM. MODEL S14-064 FOR CM. MAINTENANCE MANUAL	01-06-65

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*66-10933	NORTH AMERICAN AVIATION, INC./SID APOLLO GSE END ITEM SPECIFICATION FOR CONSOLE ASSEMBLY-HEATER POWER SUPPLY MODEL A14-052 (101 MODIFICATION)	16-12-65
*66-11391	NORTH AMERICAN AVIATION, INC./SID GSE DETAIL END ITEM SPECIFICATION FOR FLUID DISTRIBUTION SYSTEM MODEL S14-038 (ADDENDA-MCD KITS I, II)	19-02-65
*66-11357	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPEC. FOR CONSOLE-SERVICE PROPULSION SYSTEM, REMOTE CONTROL UNIT MODEL C14-455 (-101 MODIFICATION) ADDENDA (MOD KIT I)	05-02-65
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*66-11500	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION CABLE SET-ELECTRICAL, AIRFRAME 001 MODEL C14-493	29-01-65
*66-11501	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION FOR CONSOLE ASSEMBLY-PROPULSION SYSTEM FLUID CHECKOUT UNIT MODEL C14-075 (-101 MODIFICATION)	10-03-65
*66-11520	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-SERVICE PROPULSION SYSTEM ENGINE SUPPORT (1963-1964)	00-00-64
*66-11521	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-FLUID DISTRIBUTION SYSTEM CONTROL UNITS-SPS OXIDIZER AND FUEL-MODELS C-14-444/5	14-01-64

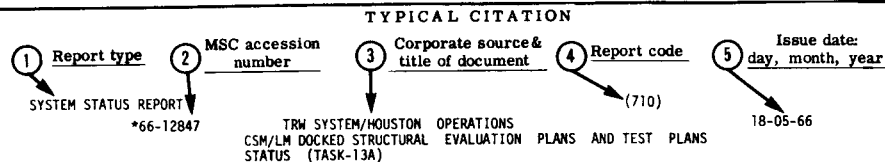
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*66-11522	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-ELECTRICAL TERMINAL DISTRIBUTORS, CSM-SERVICE PROPULSION SUPPORT, (NOT MISSION ESSENTIAL) (1965-1966)	00-00-66
*66-11541	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATION-TERMINAL DISTRIBUTOR SET, ELECTRICAL-EXTERIOR-MODEL C14-579	14-04-65
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*66-11544	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-TRANSPORTATION/HANDLING EQUIPMENT-CSM-SERVICE PROPULSION SUPPORT-(NOT MISSION ESSENTIAL) (1965-1966)	10-03-66
*66-11545	NORTH AMERICAN AVIATION, INC./SID GSE END ITEM SPECIFICATIONS-CONTROL UNITS-NOZZLE SIMULATOR AND COVER-CSM-SERVICE PROPULSION SUPPORT-(NOT MISSION ESSENTIAL) (1964-1965)	07-00-65
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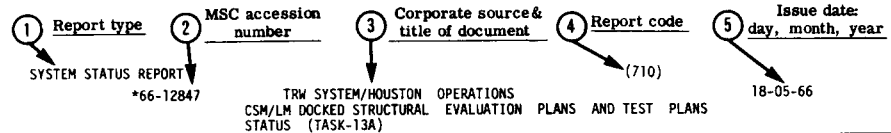
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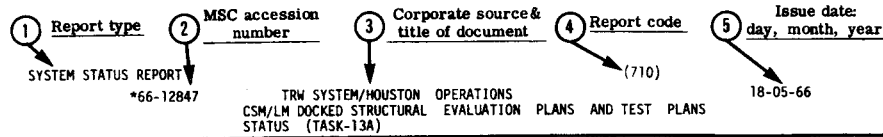
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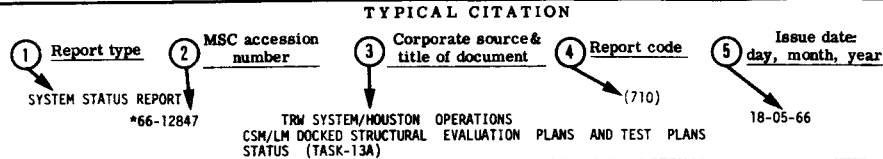
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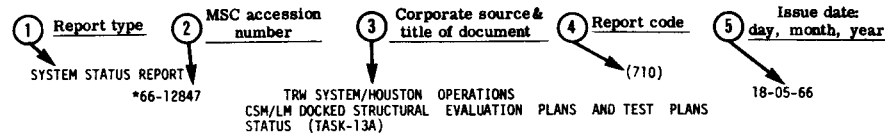
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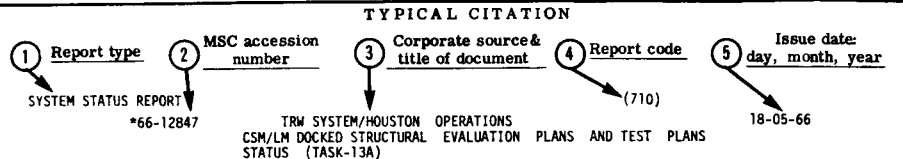
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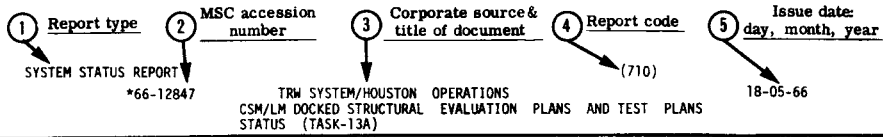
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LEM - Environmental Control GSE

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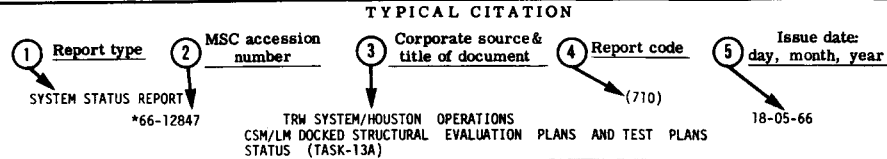
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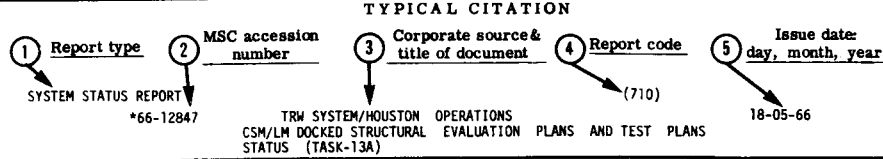
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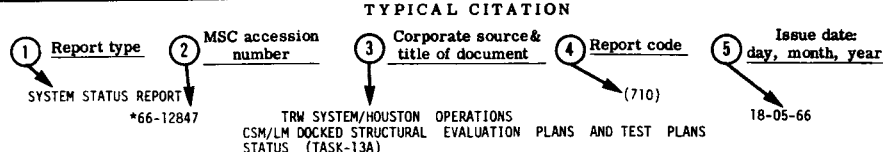
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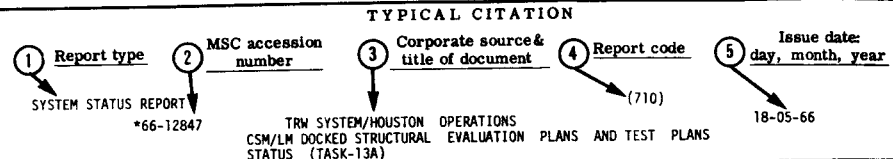
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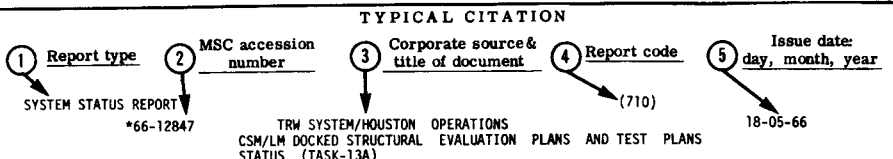
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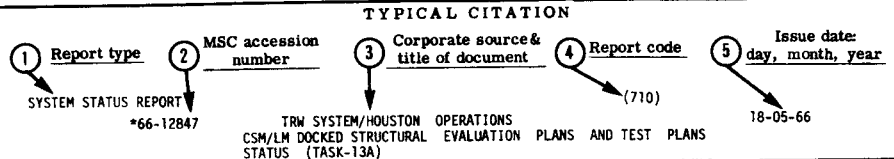
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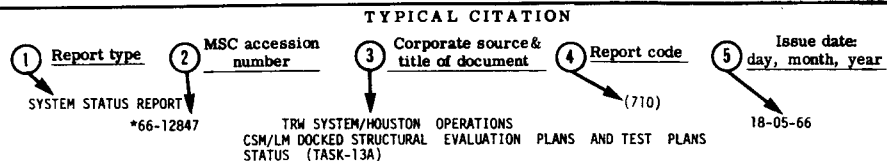
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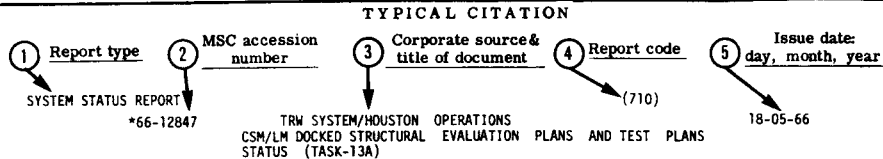
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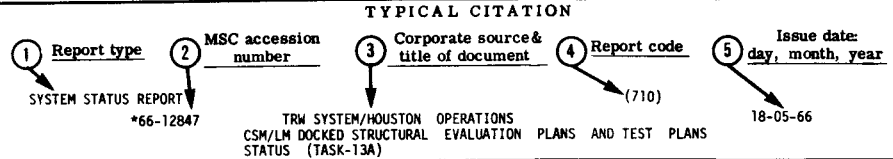
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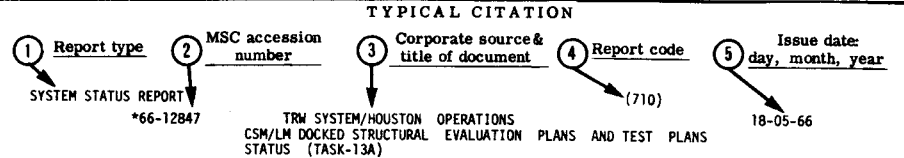
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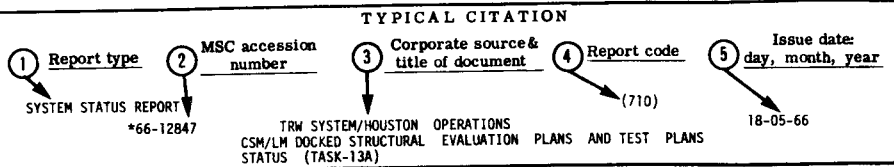
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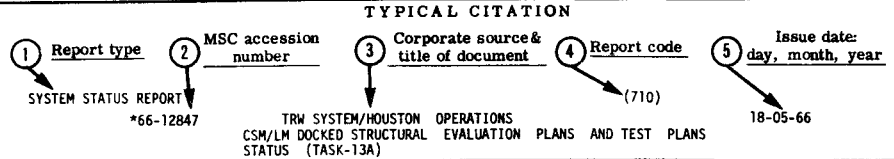
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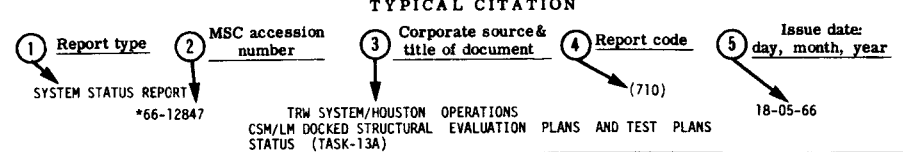
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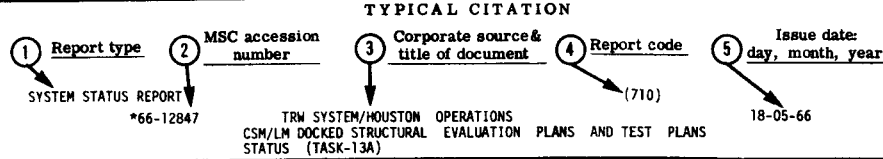
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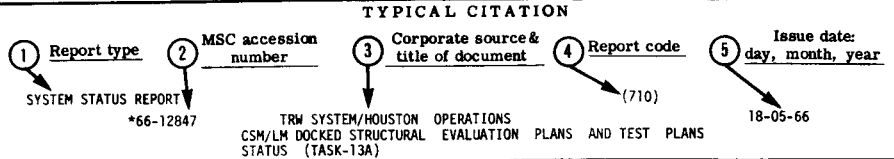
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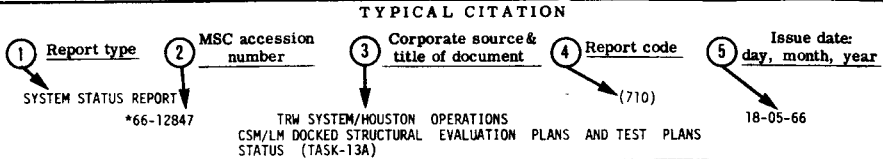
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Modifications

APOLLO PAYLOAD (TOTAL) - Continued

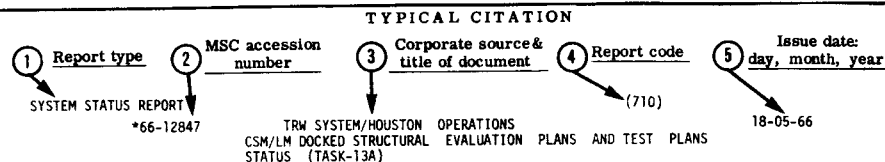
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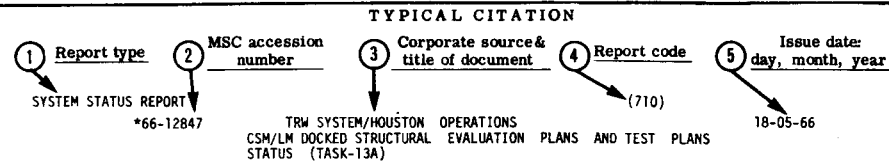
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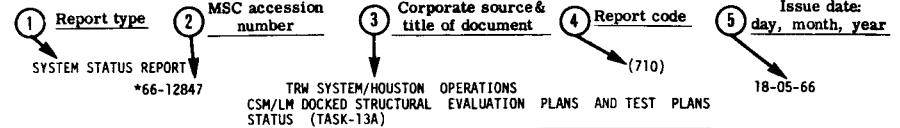
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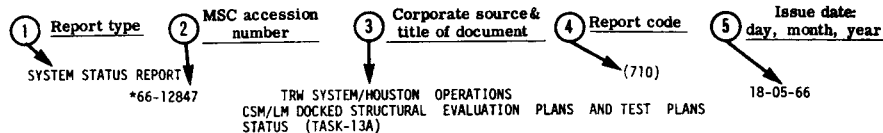
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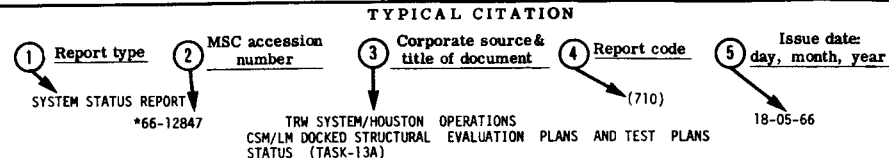
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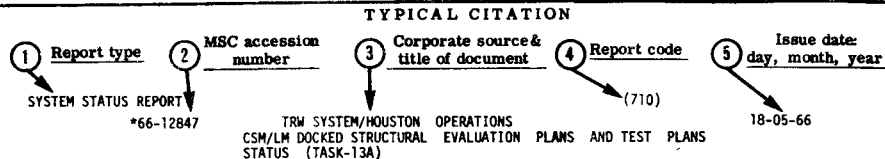
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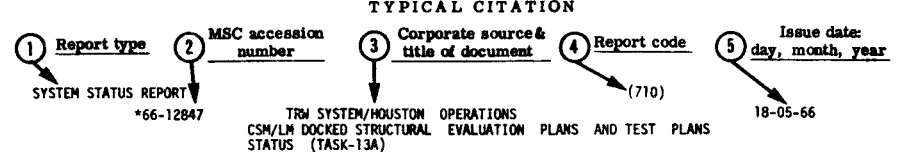
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