

Data Set Catalog #186

OV 3-3, Electron Spectrometer

66-070A-05A

66-070A-05B

66-070A-05C

66-070A-05D

} 27 tapes

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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM:

<http://nssdc.gsfc.nasa.gov/nmc/>

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

- a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
<http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/>

- b. Core Catalog Materials

ELECTRON FLUXES

66-070A-05A

This data set has been restored. Originally it contained 17 7-track, 800 BPI tapes written in Binary. There are three restored tapes. The original 7-track tapes were created on a CDC 6600 computer. The VAX did not recognize the 8 byte record as an end-of-file. This record was padded to 14 bytes to resolve a read error problem but the end-of-file was still not recognized. Therefore the output tapes only contain one file of data per input tape image. The 14 byte record could be used as a "flag" of the original tape image end-of-file. The DR tapes are 3480 cartridges and the DS tapes are 9-track, 6250 BPI. The restored tapes were created on the MRS system. The DR and DS numbers along with the corresponding D numbers and the time spans are as follows:

DR #	DS #	DD#	FILES	TIME SPAN
DR004579	DS004579	D006198	1	08/04/66 - 08/15/66 (a)
		D006196	2	08/16/66 - 08/30/66
		D006195	3	08/31/66 - 09/08/66 (b)
		D006192	4	09/08/66 - 09/15/66
		D006213	5	09/16/66 - 09/26/66
		D006197	6	09/28/66 - 10/04/66
		D006199	7	10/04/66 - 10/18/66
DR004580	DS004580	D006200	1	10/19/66 - 10/28/66
		D006204	2	10/31/66 - 11/15/66
		D006202	3	11/18/66 - 01/11/67 (c)
		D006188	4	01/12/67 - 02/01/67 (d)
		D006191	5	02/02/67 - 02/14/67 (e)
		D006193	6	02/15/67 - 02/28/67
		D006205	7	03/02/67 - 03/21/67
DR004581	DS004581	D006201	1	03/22/67 - 04/26/67
		D006207	2	05/05/67 - 06/13/67
		D006206	3	06/27/67 - 09/06/67

- (a) D006198 - 6 errors, records 377, 441, 453, 465, 494, 497, File 1
- (b) D006195 - 1 error, record 1918, File 1
- (c) D006202 - 7 errors, records 9, 62, 159, 203, 222, 389, 407, File 1
- (d) D006188 - 9 errors, records 10, 11, 14, 15, 17, 18, 22, 38, 78, File 1
- (e) D006191 - 3 errors, records 36, 40, 44 File 1

OV3-3

SPMS 00366

EQUATORIAL ELECTRON FLUXES, TAPE

66-070A-05D

THIS DATA SET HAS BEEN RESTORED. THERE WAS ORIGINALLY ONE 7-TRACK, 800 BPI TAPE, WRITTEN IN BINARY. THERE IS ONE RESTORED TAPE. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPE WAS CREATED ON A CDC 6600 COMPUTER AND WAS RESTORED ON THE MRS. BECAUSE THE ORIGINAL TAPE WAS CREATED ON A CDC 6600 COMPUTER, THE E-O-F MARKS WERE NOT RECOGNIZED, SO THIS RESULTED IN THE TAPE BEING PADDED AND ENDING UP WITH ONLY ONE FILE INSTEAD OF 183. THE TIME SPAN COULD NOT BE VERIFIED. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBER AND TIME SPAN IS AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR005978	DS005978	D006189	1	08/04/66 - 09/06/67

OV3-3

ELECTRON SPECTROMETER

66-070A-05A, B, C & D

This catalog consists of 4 OV3-3 Electron Spectrometer data sets. All the tapes are 800 BPI, Binary, 7-track, and were created on a CDC 6600 computer.

The first data set (66-070A-05A) consists of 17 multifiled tapes. The data on these tapes are Electron Spectrometer Fluxes.

The second data set (66-070A-05B) consists of 8 multifiled tapes. These tapes contain Jperp Electron Flux data.

The third and fourth data sets (66-070A-05C & D) consists of one tape each. Both tapes contain 183 files. Data set 05C contains Jperp Electron data at L .LT. 10. Data set 05D contains Equatorial Electron Flux data.

OV3-3

66-070A-05A

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-06198	C-07887	16	8/04/66 - 8/15/66
D-06196	C-07888	17	8/16/66 - 8/30/66
D-06195	C-07889	13	8/31/66 - 9/08/66
D-06192	C-07890	12	9/08/66 - 9/15/66
D-06213	C-07891	12	9/16/66 - 9/26/66
D-06197	C-07892	10	9/28/66 - 10/04/66
D-06199	C-07893	16	10/04/66 - 10/18/66
D-06200	C-07894	15	10/19/66 - 10/28/66
D-06204	C-07895	11	10/31/66 - 11/15/66
D-06202	C-07896	13	11/18/66 - 1/11/67
D-06188	C-07897	13	1/12/67 - 2/01/67
D-06191	C-07898	11	2/02/67 - 2/14/67
D-06193	C-07899	12	2/15/67 - 2/28/67
D-06205	C-07900	14	3/02/67 - 3/21/67
D-06201	C-07901	13	3/22/67 - 4/26/67
D-06207	C-07902	11	5/05/67 - 6/13/67
D-06206	C-07903	17	6/27/67 - 9/06/67

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D-10453	C-07904	19	8/04/66 - 8/19/66
D-10454	C-07905	24	8/22/66 - 9/10/66
D-10455	C-07906	26	9/12/66 - 10/04/66
D-10456	C-07907	28	10/04/66 - 10/28/66
D-10457	C-07908	17	10/31/66 - 12/27/66
D-10458	C-07909	15	1/03/67 - 2/01/67

OV3-3 (con't)

66-070A-05B

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-10458	C-07910	29	2/02/67 - 3/17/67
D-10460	C-07911	33	3/21/67 - 9/06/67

66-070A-05C

D-06190	C-07912	183	8/04/66 - 9/06/67
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66-070A-05D

D-06189	C-07913	183	8/04/66 - 9/06/67
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STANDARD DATA TAPE FORMAT - CDC 6000 SERIES

Prepared by
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Data Reduction and Analysis Department
Mathematics and Computation Center

August 1968

Engineering Science Operations
AEROSPACE CORPORATION
El Segundo, California

Prepared for
SPACE AND MISSILE SYSTEMS ORGANIZATION
AIR FORCE SYSTEMS COMMAND
LOS ANGELES AIR FORCE STATION
Los Angeles, California

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foreign nationals may be made only with prior
approval of SAMSO (SMTTA).

FOREWORD

This report was originally published on 12 May 1966 and revised on 4 November 1966 as Aerospace Corporation Report No. ATM-66(9990)-73. It has been converted to a Technical Operating Report to allow external distribution of this information. A major revision has been the addition of specifications for packed data words, a commentary record indicator, and the removal of the specific orientation of the content material towards Chippewa FORTRAN.

Described herein is the format of the Aerospace Corporation Standard Data Tape - CDC 6000 Series. It is an internal standard of the Mathematics and Computation Center.

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1. GENERAL SPECIFICATIONS

The general specifications include:

- a. Standard Data Tapes are written in an odd-parity, binary mode. The recording density is optional, but a high density is recommended in order to minimize tape transport time.
- b. A Standard Data Tape begins with a tape identification file, followed by one or more data files, and ends with an end-of-tape file. Each file is terminated by an end-of-file mark.
- c. The maximum length of any record on the Standard Data Tape is 511 60-bit words.
- d. The first word of each Standard Data Tape record contains the number of words in that record, excluding words one (1) and two (2). The second word of each record always contains an integer identifier which is unique for each record type. The record identifiers and their associated record types are as follows:

<u>Identifier</u>	<u>Record Type</u>
1	Tape Identification Record
2	Data File Identification Record
3	Data File Commentary Record
4	Data Value Record
5	End-of-Tape Record

- e. Eight types of data words may be recorded on a Standard Data Tape. They are: complex, real, double-precision, integer, octal, logical, Hollerith, and packed octal. Complex and double-precision data items occupy two words, integers are right-adjusted, Hollerith characters are in display code, and packed octal words contain five 12-bit bytes of information. Word formats and conventions coincide with those of the Aerospace/CDC 6000 Series Operating System. The acceptable Hollerith character set is listed in the Appendix.
- f. If the amount of data exceeds the capacity of one reel, a sequence of tapes may be written in an end-to-end fashion. Each tape will be in the standard format, with indicators to flag the particular type of interruption and continuation.

2. FILE FORMAT

2.1 TAPE IDENTIFICATION FILE

2.1.1 General

- a. The tape identification file contains a single identification record.
- b. The information included in the identification record should contain some item unique to the data tape, e.g., missile number, test number, etc.

2.1.2 Identification Record Format

<u>Word</u>	<u>Type</u>	<u>Description</u>
1	Integer	The number (M) of words in this record, excluding words 1 and 2.
2	Integer	Record identifier: 1
3	Integer	Reel number. The first tape in a sequence is always designated as number 1, the second as 2, and so forth.
4 through (M+2)	Hollerith	Identification information (N words, 10 characteristics per word, $1 \leq N \leq 508$) describing the data tape content.

2.2 DATA FILE

2.2.1 General

- a. A data file begins with an identification record and contains one or more value records. The data file may also contain a commentary record which describes the file content. This record is optional, but if it is used it must be placed immediately after the identification record.
- b. All data file records are written with "normal" record identifiers unless the file is interrupted because a physical end-of-tape is sensed. Interruption and continuation procedures (including the use of "continue" identifiers) are described in Section 3.

2. 2. 2

Identification Record

2. 2. 2. 1

General

- a. The data file identification record contains a single alphanumeric word to identify the entire file and a string of alphanumeric words to identify the variables or constants which are included in a data frame. A data frame is defined as a group of data elements containing a given number of words or bytes which repeats throughout a set of data value records.* More than one frame may appear in each value record.
- b. A data element identifier consists of ten (10) Hollerith characters divided into three (3) fields.

59	54	53	18	17	0
TYPE			NAME		NUMBER

The first field (1 character, bits 59-54) contains a type declaration which provides the reading program with information on the word structure of the variable or constant data element. The following type declarations are permitted:

<u>Type</u>	<u>Characteristics</u>
C - Complex	2 words/element
D - Double-precision	2 words/element
R - Real	1 word/element
I - Integer	1 word/element
O - Octal	1 word/element
L - Logical	1 word/element
H - Hollerith	1 word/element
P - Packed Octal	1 byte/element

The second field (6 characters, bits 53-18) contains the name of the data element. This may be any combination of consecutive non-blank characters in any order. The data element name is left-adjusted and the field is filled with blanks.

* In time histories, a data frame is usually defined as all the data words for a particular time point.

The third field (3 digits, bits 17-0) specifies the number of elements in a contiguous block, which are defined by the same type and name declaration. This number (right-adjusted with leading zeroes) enables the user to specify an array of variables or constants with a single data element identifier. For example, HTITLEb500* specifies the Hollerith array TITLE containing 500 elements.

- c. Packed octal element blocks start in the next available 12-bit byte (in low order direction) without regard to position within a 60-bit word. Word and multi-word element blocks must begin on a full word boundary. If necessary, fill bytes are inserted between element blocks to accomplish the required realignment.
- d. A data frame must start on a full word boundary and consist of an integral number of 60-bit words. If necessary, fill bytes are added after the last element block to complete the frame.
- e. The number of words per frame must equal the total number of words and bytes defined by the element identifiers plus the number of fill bytes inserted for element block and data frame realignment. Although fill bytes are not specifically defined within the data file identification record, their presence is inferred by the type and order of the data element identifiers.

2.2.2.2 Identification Record Format

<u>Word</u>	<u>Type</u>	<u>Description</u>
1	Integer	The number (M) of words in the record excluding words 1 and 2.
2	Integer	Record identifier. Beginning of file: 2 File continued from previous tape: -2
3	Hollerith	File identification: Ten Hollerith characters identifying the file, e.g., DATAbbbbbb, PLOTbbbbbb, CALIBRATEb, PARAMETERb, etc. The identification word COMMENTARY is reserved for special use as an indicator, giving notice of a commentary record (type 3) which immediately follows on tape. File identification need not be unique. The file position sufficiently identifies any file on tape.

*b defines a Hollerith blank character.

2.2.2.2

Identification Record Format (Continued)

<u>Word</u>	<u>Type</u>	<u>Description</u>
4	Integer	The number (N) of words per frame, $N \leq 509$.
5	Hollerith	First data element identifier.*
:	:	:
:	:	:
(M+2)	Hollerith	(M-2)nd data element identifier.

2.2.3

Commentary Record Format

<u>Word</u>	<u>Type</u>	<u>Description</u>
1	Integer	The number (M) of words in this record, excluding words 1 and 2.
2	Integer	Record identifier: 3
3 through (M+2)	Hollerith	Identification information: 509 words maximum, 10 characters per word, describing the data file content.

2.2.4

Value Record

2.2.4.1

General

- a. If N is the number of words per frame, each value record may contain K frames, providing all frames are complete and $KN \leq 509$.
- b. A value record need not contain the maximum number of frames permitted within the record size limits; however, this practice is recommended for data storage efficiency.
- c. The length of all value records in a data file must be less than or equal to the length of the first value record in that file.

* By tradition, independent variables are listed before their associated dependent variables.

2. 2. 4. 2

Value Record Format

<u>Word</u>	<u>Type</u>	<u>Description</u>
1	Integer	The number (M) of words in this record, excluding words 1 and 2.
2	Integer	Record identifier: 4
3 through (M+2)	- -	Data elements in a many-to-one correspondence with the words or bytes defined by the data element identifiers in the identification record. The order of the data elements must follow the order of the element identifiers.

2. 3

END-OF-TAPE FILE

2. 3. 1

General

- a. / The end-of-tape file contains a single record.
- b. If it becomes necessary to terminate a Standard Data Tape because of insufficient reel capacity, the end-of-tape file will be written with a "continued" record identifier to indicate that the data continues on the next tape in the sequence.
- c. The last data tape in a sequence is terminated by an end-of-tape file containing a "normal" record identifier.

2. 3. 2

End-of-Tape Record Format

<u>Word</u>	<u>Type</u>	<u>Description</u>
1	Integer	The number (M) of words in this record, excluding words 1 and 2.
2	Integer	Record identifier. Last tape in sequence: 5 Continue to next tape: -5
3	Integer	Reel number. The reel number is the same as that used in the tape identification file.
4	Hollerith	End-of-tape label: ENDOFTAPEb

3. INTERRUPTION AND CONTINUATION PROCEDURES

If a physical end-of-tape is detected prior to writing

- a. The data file identification record:

Write an end-of-tape file (continue identifier) terminating the current tape. Begin the next tape with a tape identification file (reel number advanced by 1) and the intended identification record.

- b. The data file commentary record:

Terminate the current tape with an end-of-file mark and an end-of-tape file (continue identifier). Begin the next tape with a tape identification file (reel number advanced by 1), a "continued" data file identification record (initial data file identification record with "continued" identifier), and the intended commentary record.

- c. A data value record:

Follow a procedure similar to that given for the data file commentary record. Substitute the intended data value record for the commentary record in that description.

APPENDIX. AEROSPACE/CDC 6000 SERIES CHARACTER SET

<u>CHARACTER</u>	<u>DISPLAY CODE</u>	<u>CHARACTER</u>	<u>DISPLAY CODE</u>
A	01	0	33
B	02	1	34
C	03	2	35
D	04	3	36
E	05	4	37
F	06	5	40
G	07	6	41
H	10	7	42
I	11	8	43
J	12	9	44
K	13	+	45
L	14	-	46
M	15	*	47
N	16	/	50
O	17	(	51
P	20	)	52
Q	21	\$	53
R	22	=	54
S	23	blank	55
T	24	,	56
U	25	.	57
V	26		
W	27		
X	30		
Y	31		
Z	32		

THE AEROSPACE CORPORATION



Post Office Box 93085, Los Angeles, California 90045, Telephone 648-5000

17 June 1971

Dr. Joseph King
NASA/Goddard Space Flight Center
National Data Center
Greenbelt, Maryland

Dear Joe:

Enclosed are various and sundry exhibits to go with the data tapes you received. The prime two are:

- 1) TOR-020(4307-02)-4; Standard Data Tape Format-CDC 6000 series.
- 2) A computer listing of the tapes you have with the data on each file.

All the tapes follow the standard data Tape Format fairly closely (there may be some exceptions in the "commentary record" formats-these will have no effect in actual use). All tapes are written SCOPE STANDARD, 800 BPI. Bad data in a good frame is flagged with an "indefinite" (17770000000000000000B). The data is of three types:

- 1) 17 tapes containing electron flux and proton background on a second-by-second basis; pitch-angles are included when the magnetometer data was available. Each data record contains 26 frames (i. e., 26 seconds of data, although they may not be consecutive if some frames were edited out due to bad data). The data frame is organized as follows;

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17 June 1971
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Word	Content
1	Universal Time (in seconds, not modulo 86,400 once the data starts)
2	CH 1 (2.31 MeV electrons)
3	CH 2 2.01 " "
4	CH 3 1.77 " "
5	CH 4 1.49 " "
6	CH 5 1.225 " "
7	CH 6 .957 " "
8	CH 7 .712 " "
9	CH 8 .475 " "
10	CH 9 .300 " "
11	Proton Background
12	Pitch-angle (in degrees, $90^\circ = \text{locally mirroring}$)
13	B (in gauss, 99-term Jensen & Cain)
14	L
15	Altitude (kilometers)
16	East Longitude (degrees)
17	Latitude (geographic, degrees)
18	Right Ascension (for those who wish to calculate MLT)
19	B measured (on-board magnetometer output)

The pitch-angle is calculated for CH 5. The maximum error for any other channel at any time is $< 2^\circ$. The half-angle of the collimator in the spin plane was 15° . Due to fringing fields and finite collimator length, the actual response did not vanish until $\approx 22^\circ$. This data has not been corrected for proton background. None is needed for $L > 2$. For $L < 2$, I have a deck of $(B/B_0, L)$ proton correction coefficients for J perp data only. The error due to proton background attains a maximum of about 30 percent at $L \approx 1.5$, $E = 2.31$ MeV, J perp. At

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other angles, the contribution diminishes (the proton rejection approaches 100 percent below 45°). For 300 keV, the correction is insignificant at all locations, all angles. All fluxes are convertible to $e^-/\text{cm}^2\text{-sec-ster-keV}$ directly by assuming an isotropic distribution over the full solid angle viewed by the aperture. This assumption is valid for data near J perp. The geometric-energy factor and center-energy of each channel assume a flat energy spectrum. If one uses a real spectrum of the form E^{-n} , $n \approx 3-5$, the result is a decrease in the energy factor plus a decrease in the effective energy centroid which together result in an essentially identical spectrum to that obtained using the flat spectrum. One ends up plotting the points at different locations on the same curve. This effect is due to the fact that the instrument momentum analyzes the particles. Note that if constant ENERGY bins are used, this compensating effect does not occur and a distorted spectrum results. A spectrometer with constant ENERGY bins must unfold its data with a pre-knowledge of the spectrum or must do it recursively.

2) 8 tapes containing J perp data, where J perp is $92^\circ \pm 8^\circ$ or the maximum count-rate per half spin period if magnetometer data was not available (92° instead of 90° because of a 2° effect due to the fringing field.) Each data record consists of six frames, each frame being 76 words long. The frame is as follows:

Word Content

66-07DA-05B

1	Universal time
2	Frame Number
3-25	Raw Magnetic Spectrometer Data, including 20 count-rate meters, one subcom address, and two housekeeping subcoms.
26-31	Raw magnetometer data, 3-axis coarse and fine.
32	Shadow flag
33-41	Channel 1-9 electron count-rate
42	Proton monitor count-rate
43-51	Channel 1-9 electron flux
52	Blank
53	Magnetometer B total

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<u>Word</u>	<u>Content</u>
54	Magnetometer B Normal
55	Magnetometer B parallel
56-59	Magnetic field fit parameters
60	Local pitch-angle
61	Altitude
62	Latitude (geographic)
63	East Longitude
64	B (Jensen-Cain 9-term)
65	L
66	CHI (invariant latitude)
67	*Magnetic Longitude
68	Dipole radial distance
69	$(1 - B_0/B)^{1/2}$
70	Equatorial pitch-angle for locally mirroring particles
71-74	*North lat., North lon., South lat., South lon., -earth surface field line intercepts
75	Angle between field vector and spin vector -
76	Magnetic field fit parameter

3) Two tapes containing J perp from all the revs in (2) above. Tape #1006 is a stripout of data with $L \leq 10$. There are 183 data files, one file for each rev. Each data record has 33 frames of data, organized as follows:

<u>Word</u>	<u>Content</u>
1	Date (Decimal date, Jan 1 = 1.00000-1.99999)
2	Proton background count-rate
3-11	Channel 1-9 flux
12	B (99 term J-C)

* Not reliable - avoid using.

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17 June 1971
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<u>Word</u>	<u>Content</u>
13	L
14	East Longitude
15	Universal Time (in seconds)

Tape #0977 is identical to tape #1006 with the following exceptions:

- 1) Word 2 is a flag instead of the proton background count-rate.
- 2) If word 2 = 1., the rest of the frame is identical to the same frame on tape #1006. If word 2 = 2., the following corrections have been made to the fluxes in channels 1-9:
 - a) For $L \leq 2$, data has been corrected for proton background.
 - b) For $L \leq 2$, data has been transformed to equatorial values using a $f(B/B_0)$ derived from the data (I have the data deck containing this function - should be a great source for a new inner zone electron environment).
 - c) For $2 < L \leq 10$, data has been transformed to "equatorial" values using the function

$$J_{1eq} = J_{1local} \times B/B_0$$

In general, if the B was such that a particle would not be expected to execute a full drift period, no transformation was made. If $B/B_0 > 100$, no transformation was made.

The following documents may also be helpful:

ATM-68(3260-20)-3
ATM-68(3260-20)-6
ATM-0158(3260-20)-1

You could try to get them from the Aerospace library. Please call me after you read this a couple of times. Maybe I can clear up vague points.

Sincerely,


A. L. Vampola,
Space Physics Laboratory

THESE TAPES CONTAIN OV3-3 MAGNETIC SPECTROMETER DATA ON A SECOND-BY-SECOND BASIS, WITH ALL PITCH-ANGLES (66-070A-00A)

TAPE #	FILE	DATE	DAY	REV	COMMENTS
5437	2	4 AUG 66	216	4/5	
5437	3	5 AUG 66	217	6/11	
5437	4	5 AUG 66	217	12/14	
5437	5	5 AUG 66	217	13/15	
5437	6	5 AUG 66	217	16/21	
5437	7	6 AUG 66	218	24/26	
5437	8	7 AUG 66	219	28/43	
5437	9	8 AUG 66	220	44/46	
5437	10	8 AUG 66	220	46/47	
5437	11	9 AUG 66	221	49/53	
5437	12	9 AUG 66	221	54/56	
5437	13	9 AUG 66	221	57/68	
5437	14	12 AUG 66	224	87/88	OVERWRITTEN
5437	15	15 AUG 66	227	117/119	NO PLAMEX
3278	2	16 AUG 66	228	128/129	
3278	3	16 AUG 66	228	129/131	NO ASPECT
3278	4	16 AUG 66	228	131/140	
3278	5	19 AUG 66	231	155/159	
3278	6	22 AUG 66	234	191/192	OVERWRITTEN
3278	7	22 AUG 66	234	192/193	
3278	8	23 AUG 66	235	201/204	
3278	9	24 AUG 66	236	214/217	
3278	10	25 AUG 66	237	217/235	
3278	11	26 AUG 66	238	235/236	
3278	12	27 AUG 66	239	239/264	
3278	13	29 AUG 66	241	264/267	
3278	14	29 AUG 66	241	266/267	
3278	15	29 AUG 66	242	274/277	NO BLAMEX
3278	16	30 AUG 66	242	277/289	
2893	2	31 AUG 66	243	281/287	
2893	3	31 AUG 66	243	289/299	
2893	4	1 SEP 66	244	299/309	
2893	5	2 SEP 66	245	309/315	NO PLAMEX
2893	6	3 SEP 66	246	316/318	
2893	7	3 SEP 66	246	319/348	
2893	8	6 SEP 66	249	340/351	
2893	9	6 SEP 66	249	352/360-1	
2893	10	6 SEP 66	249	352/360-2	NO PLAMEX
2893	11	7 SEP 66	250	360/362	

NOTES:

1. "OVERWRITTEN" MEANS THE ID RECORD IS MISSING AND THE FIRST FEW FRAMES MAY BE GARBAGE. GOOD DATA FRAMES HAVE A "4" IN WORD 2.
2. "NO ASPECT" MEANS MAGNETIC ASPECT IS NOT AVAILABLE ON THE DATA.
3. "NO BLAMEX" MEANS THE INPUT EPHEMERIS RECORD IS MISSING. EPHEMERIS DATA IS PRESENT WITH THE DATA.

2893 12	8 SEP 66	251	364/372
1956 2	8 SEP 66	251	372/381
1956 3	10 SEP 66	253	385/414
1956 4	12 SEP 66	255	414/423
1956 5	13 SEP 66	256	423/425
1956 6	13 SEP 66	256	425/428
1956 7	14 SEP 66	257	428/429
1956 8	14 SEP 66	257	430/435
1956 9	14 SEP 66	257	436/444
1956 10	15 SEP 66	258	444/446
1956 11	15 SEP 66	258	447/455
9581 2	16 SEP 66	259	457/486
9581 3	19 SEP 66	262	486/496
9581 4	20 SEP 66	264	497/499
9581 5	21 SEP 66	264	500/507
9581 6	21 SEP 66	264	507/510
9581 7	22 SEP 66	265	511/518
9581 8	22 SEP 66	265	518/520
9581 9	23 SEP 66	266	523/528
9581 10	23 SEP 66	266	531/560
9581 11	26 SEP 66	269	560/570
3801 2	28 SEP 66	271	580/581
3801 3	28 SEP 66	271	583/590
3801 4	29 SEP 66	272	590/591
3801 5	29 SEP 66	272	594/601
3801 6	30 SEP 66	273	601/602
3801 7	30 SEP 66	273	602/634
3801 8	3 OCT 66	276	634/642
3801 9	4 OCT 66	277	643/647
5638 2	4 OCT 66	277	647/654
5638 3	5 OCT 66	278	657/664
5638 4	6 OCT 66	279	664/675
5638 5	7 OCT 66	280	675/676
5638 6	7 OCT 66	280	678/706
5638 7	10 OCT 66	283	706/710
5638 8	13 OCT 66	286	737/741
5638 9	13 OCT 66	286	741/748
5638 10	14 OCT 66	287	752/782
5638 11	17 OCT 66	290	782/791
5638 12	18 OCT 66	291	791/792
5638 13	18 OCT 66	291	792/794
5791 2	19 OCT 66	292	796/800
5791 3	19 OCT 66	292	800/803

NO PLAMEX

NO PLAMEX

NO PLAMEX

NO PLAMEX

NO PLAMEX

NO PLAMEX

OVERWRITTEN

5791 4	20 OCT 66	293	815/821	
5791 5	21 OCT 66	294	821/824	
5791 6	21 OCT 66	294	824/854	
5791 7	24 OCT 66	297	854/855	
5791 8	24 OCT 66	297	855/866	
5791 9	25 OCT 66	298	866/867	
5791 10	25 OCT 66	298	867/875	
5791 11	26 OCT 66	299	875/876	
5791 12	26 OCT 66	299	877/887	
5791 13	27 OCT 66	300	887/888	
5791 14	28 OCT 66	301	889/931	
7798 2	31 OCT 66	304	932/940	
7798 3	1 NOV 66	305	940/951	
7798 4	2 NOV 66	306	951/1004	
7798 5	7 NOV 66	311	1004/1013	
7798 6	8 NOV 66	312	1013/1024	NO BLAMEX
7798 7	9 NOV 66	313	1024/1035	
7798 8	10 NOV 66	314	1035/1052	
7798 9	12 NOV 66	316	1052/1088	
7798 10	15 NOV 66	319	1088/1119	
6924 2	18 NOV 66	322	1119/1149	
6924 3	25 NOV 66	329	1193/1224	
6924 4	30 NOV 66	334	1245/1296	
6924 5	5 DEC 66	339	1296/1318	
6924 6	7 DEC 66	341	1318/1337	
6924 7	15 DEC 66	349	1396/1404	
6924 8	15 DEC 66	349	1404/1475	NO BLAMEX
6924 9	27 DEC 66	361	1530/1601	
6924 10	3 JAN 67	3	1601/1621	NO BLAMEX
6924 11	5 JAN 67	5	1621/1664	NO BLAMEX
6924 12	11 JAN 67	11	1685/1695	
11 2	12 JAN 67	12	1695/1706	
11 3	13 JAN 67	13	1706/1737	
11 4	16 JAN 67	16	1737/1748	
11 5	17 JAN 67	17	1748/1769	
11 6	19 JAN 67	19	1769/1780	
11 7	20 JAN 67	20	1780/1810	
11 8	23 JAN 67	23	1810/1834	
11 9	25 JAN 67	25	1834/1842	NO ASPECT
11 10	26 JAN 67	26	1842/1895	NO ASPECT
11 11	31 JAN 67	31	1895/1905	
11 12	1 FEB 67	32	1905/1917	NO ASPECT
1535 2	2 FEB 67	33	1917/1926	NO ASP/BLAM

5791 4	20 OCT 66	293	815/821	
5791 5	21 OCT 66	294	821/824	
5791 6	21 OCT 66	294	824/854	
5791 7	24 OCT 66	297	854/855	
5791 8	24 OCT 66	297	855/866	
5791 9	25 OCT 66	298	866/867	
5791 10	25 OCT 66	298	867/875	
5791 11	26 OCT 66	299	875/876	
5791 12	26 OCT 66	299	877/887	
5791 13	27 OCT 66	300	887/888	
5791 14	28 OCT 66	301	889/931	
7798 2	31 OCT 66	304	932/940	
7798 3	1 NOV 66	305	940/951	
7798 4	2 NOV 66	306	951/1004	
7798 5	7 NOV 66	311	1004/1013	
7798 6	8 NOV 66	312	1013/1024	NO BLAMEX
7798 7	9 NOV 66	313	1024/1035	
7798 8	10 NOV 66	314	1035/1052	
7798 9	12 NOV 66	316	1052/1088	
7798 10	15 NOV 66	319	1088/1119	
6924 2	18 NOV 66	322	1119/1149	
6924 3	25 NOV 66	329	1193/1224	
6924 4	30 NOV 66	334	1245/1296	
6924 5	5 DEC 66	339	1296/1318	
6924 6	7 DEC 66	341	1318/1337	
6924 7	15 DEC 66	349	1396/1404	
6924 8	15 DEC 66	349	1404/1475	NO BLAMEX
6924 9	27 DEC 66	361	1530/1601	
6924 10	3 JAN 67	3	1601/1621	NO BLAMEX
6924 11	5 JAN 67	5	1621/1664	NO BLAMEX
6924 12	11 JAN 67	11	1685/1695	
11 2	12 JAN 67	12	1695/1706	
11 3	13 JAN 67	13	1706/1737	
11 4	16 JAN 67	16	1737/1748	
11 5	17 JAN 67	17	1748/1769	
11 6	19 JAN 67	19	1769/1780	
11 7	20 JAN 67	20	1780/1810	
11 8	23 JAN 67	23	1810/1834	
11 9	25 JAN 67	25	1834/1842	NO ASPECT
11 10	26 JAN 67	26	1842/1895	NO ASPECT
11 11	31 JAN 67	31	1895/1905	
11 12	1 FEB 67	32	1905/1917	NO ASPECT
1535 2	2 FEB 67	33	1917/1926	NO ASP/BLAM

1535 3	3 FEB 67	34	1926/1957	
1535 4	6 FEB 67	37	1960/1968	NO ASPECT
1535 5	7 FEB 67	38	1968/1978	NO ASPECT
1535 6	8 FEB 67	39	1978/1989	NO ASPECT
1535 7	9 FEB 67	40	1991/2002	NO ASPECT
1535 8	10 FEB 67	41	2002/2034	NO ASP/BLAM
1535 9	14 FEB 67	45	2037/2044	NO ASPECT
1535 10	14 FEB 67	45	2044/2046	NO ASPECT
2223 2	15 FEB 67	46	2048/2052	NO ASPECT
2223 3	15 FEB 67	46	2054/2065	NO ASPECT
2223 4	16 FEB 67	47	2065/2077	NO ASPECT
2223 5	17 FEB 67	48	2077/2108	NO ASPECT
2223 6	21 FEB 67	52	2111/2119	NO ASPECT
2223 7	21 FEB 67	52	2118/2121	NO ASPECT
2223 8	22 FEB 67	53	2123/2140	NO ASPECT
2223 9	24 FEB 67	55	2143/2148	NO ASPECT
2223 10	24 FEB 67	55	2148/2182	NO ASPECT
2223 11	28 FEB 67	59	2184/2193	NO ASPECT
8051 2	2 MAR 67	61	2214/2222	NO ASPECT
8051 3	3 MAR 67	62	2223/2254	NO ASP/BLAM
8051 4	6 MAR 67	65	2254/2267	NO ASPECT
8051 5	8 MAR 67	67	2277/2287	NO ASPECT
8051 6	9 MAR 67	68	2287/2296	NO ASPECT
8051 7	10 MAR 67	69	2296/2327	NO ASPECT
8051 8	13 MAR 67	72	2327/2339	NO ASPECT
8051 9	14 MAR 67	73	2340/2348	NO ASPECT
8051 10	15 MAR 67	74	2348/2361	NO ASPECT
8051 11	16 MAR 67	75	2361/2369	
8051 12	17 MAR 67	76	2369/2401	NO ASPECT
8051 13	21 MAR 67	80	2414/2425	NO ASPECT
5924 2	22 MAR 67	81	2425/2435	NO ASPECT
5924 3	23 MAR 67	82	2435/2442	NO ASPECT
5924 4	27 MAR 67	86	2477/2486	
5924 5	30 MAR 67	89	2508/2518	NO ASPECT
5924 6	3 APR 67	93	2550/2571	NO ASPECT
5924 7	5 APR 67	95	2571/2645	NO ASPECT
5924 8	12 APR 67	102	2645/2665	NO ASP/BLAM
5924 9	14 APR 67	104	2665/2697	NO ASPECT
5924 10	17 APR 67	107	2697/2717	NO ASPECT
5924 11	19 APR 67	109	2717/2790	NO BLAMFX
5924 12	26 APR 67	116	2791/2812	NO ASPECT
8854 2	5 MAY 67	125	2888/2928	NO ASPECT
8854 3	9 MAY 67	129	2930/3001	NO BLAMFX

8854 4	16 MAY 67	136	3004/3011	NO ASPECT
8854 5	17 MAY 67	137	3014/3074	
8854 6	25 MAY 67	145	3094/3097	NO ASPECT
8854 7	31 MAY 67	151	3156/3224	NO ASPECT
8854 8	6 JUN 67	157	3225/3246	
8854 9	9 JUN 67	160	3248/3288	NO PLAMEX
8854 10	13 JUN 67	164	3290/3308	NO ASPECT
8396 2	27 JUN 67	178	3447/3463	NO ASPECT
8396 3	29 JUN 67	180	3465/3540	NO PLAMEX
8396 4	6 JUL 67	187	3543/3582	NO ASPECT
8396 5	10 JUL 67	191	3582/3666	NO ASPECT
8396 6	18 JUL 67	199	3668/3729	NO ASPECT
8396 7	29 JUL 67	210	3775/3803	
8396 8	1 AUG 67	213	3806/3823	
8396 9	4 AUG 67	216	3846/3898	
8396 10	9 AUG 67	221	3900/3949	
8396 11	18 AUG 67	230	3994/4033	NO ASPECT
8396 12	24 AUG 67	236	4056/4097	
8396 13	28 AUG 67	240	4099/4108	NO PLAMEX
8396 14	29 AUG 67	241	4110/4181	NO ASPECT
8396 15	5 SEP 67	248	4183/4192	NO ASPECT
8396 16	6 SEP 67	249	4194/4318	

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TAPE	FILE	REV	DAY
11634	2	3/4	216
11634	3	6/11	217
11634	4	12/14	217
11634	5	13/15	217
11634	6	16/21	217
11634	7	24/26	218
11634	8	28/43	219
11634	9	44/46	220
11634	10	46/47	220
11634	11	49/53	221
11634	12	54/56	221
11634	13	87/88	224
11634	14	117/119	227
11634	15	128/129	228
11634	16	129/131	228
11634	17	131/140	228
11634	18	155/159	231
11634	19	159/161	231
11633	2	191/192	234
11633	3	192/193	234
11633	4	201/204	235
11633	5	206/214	236
11633	6	214/217	236
11633	7	235/236	238
11633	8	238/264	239
11633	9	264/266	241
11633	10	274/277	242
11633	11	277/280	242
11633	12	281/287	243
11633	13	290/299	243
11633	14	299/309	244
11633	15	309/315	245
11633	16	316/318	246
11633	17	319/348	246
11633	18	348/351	249
11633	19	352/360-2	249
11633	20	360/362	250
11633	21	364/372	251
11633	22	372/381	251
11633	23	381/383	252

TAPE	FILE	REV	DAY
11633	24	385/414	257
11635	2	414/423	258
11635	3	423/425	256
11635	4	428/429	257
11635	5	430/434	257
11635	6	436/444	257
11635	7	444/446	258
11635	8	447/455	258
11635	9	457/486	259
11635	10	486/496	262
11635	11	497/499	263
11635	12	500/507	264
11635	13	507/510	264
11635	14	511/518	265
11635	15	518/520	265
11635	16	523/528	266
11635	17	531/560	266
11635	18	560/570	269
11635	19	570/573	270
11635	20	580/581	271
11635	21	583/590	271
11635	22	590/591	272
11635	23	594/601	272
11635	24	601/602	273
11635	25	634/643	276
11635	26	643/647	277
11622	2	647/654	277
11622	3	654/655	278
11622	4	657/664	278
11622	5	664/675	279
11622	6	675/676	280
11622	7	678/705	280
11622	8	706/710	283
11622	9	716/719	284
11622	10	737/740	286
11622	11	741/748	286
11622	12	752/782	287
11622	13	782/791	290
11622	14	791/792	291
11622	15	792/794	291

TAPE	FILE	REV	DAY
11622	16	796/800	292
11622	17	800/803	292
11622	18	815/821	293
11622	19	821/824	294
11622	20	824/854	294
11622	21	854/855	297
11622	22	855/866	297
11622	23	866/867	298
11622	24	867/875	298
11622	25	875/876	299
11622	26	877/887	299
11622	27	887/888	300
11622	28	889/931	301
6146	2	932/940	304
6146	3	940/951	305
6146	4	951/1004	306
6146	5	1004/1013	311
6146	6	1013/1024	312
6146	7	1024/1035	313
6146	8	1035/1052	314
6146	9	1052/1088	316
6146	10	1088/1119	319
6146	11	1119/1150	322
6146	12	1193/1224	329
6146	13	1245/1296	334
6146	14	1318/1337	341
6146	15	1396/1404	349
6146	16	1404/1475	349
6146	17	1530/1601	361
11657	2	1601/1621	3
11657	3	1621/1664	5
11657	4	1685/1695	11
11657	5	1695/1706	12
11657	6	1706/1737	13
11657	7	1737/1748	16
11657	8	1748/1769	17
11657	9	1769/1780	19
11657	10	1780/1810	20
11657	11	1810/1834	23
11657	12	1834/1842	25

TAPE	FILE	REV	DAY
11657	13	1842/1895	26
11657	14	1895/1905	31
11657	15	1905/1917	32
11621	2	1917/1926	33
11621	3	1926/1957	34
11621	4	1960/1968	37
11621	5	1968/1978	38
11621	6	1978/1989	39
11621	7	1991/2002	40
11621	8	2037/2044	45
11621	9	2044/2046	45
11621	10	2048/2052	46
11621	11	2052/2054	46
11621	12	2054/2065	46
11621	13	2065/2077	47
11621	14	2077/2108	48
11621	15	2111/2119	52
11621	16	2119/2120	52
11621	17	2123/2141	53
11621	18	2143/2148	55
11621	19	2148/2182	55
11621	20	2184/2193	59
11621	21	2214/2223	61
11621	22	2223/2254	62
11621	23	2254/2267	65
11621	24	2277/2287	67
11621	25	2287/2296	68
11621	26	2296/2327	69
11621	27	2327/2339	72
11621	28	2348/2361	74
11621	29	2369/2402	76
11632	2	2414/2425	80
11632	3	2425/2436	81
11632	4	2436/2442	82
11632	5	2477/2485	86
11632	6	2550/2571	93
11632	7	2571/2645	95
11632	8	2645/2665	102
11632	9	2667/2697	104
11632	10	2697/2718	107

TAPE	FILE	REV	DAY
11632	11	2717/2790	109
11632	12	2791/2812	116
11632	13	2854/2885	122
11632	14	2886/2928	125
11632	15	2930/3001	129
11632	16	3013/3074	137
11632	17	3095/3152	145
11632	18	3156/3224	151
11632	19	3225/3246	157
11632	20	3248/3288	160
11632	21	3290/3308	164
11632	22	3447/3463	178
11632	23	3465/3540	180
11632	24	3543/3582	187
11632	25	3582/3666	191
11632	26	3666/3729	199
11632	27	3775/3803	210
11632	28	3806/3823	213
11632	29	3846/3898	216
11632	30	3900/3949	221
11632	31	4099/4108	240
11632	32	4110/4181	241
11632	33	4194/4318	249

2533	19	160	3248/3288
2533	20	164	3290/3308
2533	21	178	3447/3463
2533	22	180	3465/3540
2533	23	187	3543/3582
2533	24	191	3582/3666
2533	25	199	3666/3729
2533	26	210	3775/3803
2533	27	213	3806/3823
2533	28	214	3846/3898
2533	29	221	3900/3949
2533	30	240	4099/4108
2533	31	241	4110/4181
2533	32	249	4194/4318

① tape #

NSSDC ID

1006

66-070A-05C

0977

66-070A-05D

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	200	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	316	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	267	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	91	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	296	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	155	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	109	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	275	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	138	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	161	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	142	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	92	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	260	OF FILE NO.	14
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	166	OF FILE NO.	15
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	16

INPUT TAPE HAS 1516.17 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

D-6198

1st TAPE

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	293	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	310	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	183	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	72	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	257	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	177	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	262	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	215	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	288	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	80	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	244	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	308	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	22	OF FILE NO.	14
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	235	OF FILE NO.	15
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	221	OF FILE NO.	16
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	17

INPUT TAPE HAS 1803.31 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

D-6196

2nd TAPE

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV3-3

66-070A-D5A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	1	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	205	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	276	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	318	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	325	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	258	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	63	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	302	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	335	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	284	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	12

D-6192

4+1A TAPE

INPUT TAPE HAS 1352.67 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

DV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	1	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	230	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	348	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	285	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	296	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	280	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	311	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	156	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	308	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	283	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	347	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	13

INPUT TAPE HAS 1627.62 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

D-6213

5th TAPE

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV33

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	280	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	338	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	301	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	195	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	294	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	291	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	347	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	134	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	10

D-6197

6th TAPE

INPUT TAPE HAS 1246.81 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

003-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	1	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	350	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	348	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	229	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	175	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	185	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	346	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	77	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	301	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	171	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	339	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	81	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	350	OF FILE NO.	14
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	15

INPUT TAPE HAS 1685.70 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

D-6199

19th TAPE

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	314	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	231	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	338	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	200	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	312	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	257	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	232	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	251	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	292	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	241	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	251	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	181	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	348	OF FILE NO.	14
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	15

D-6200

#8ⁱⁿ TAPE

INPUT TAPE HAS 1970.85 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

DV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	1	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	227	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	329	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	348	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	175	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	293	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	343	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	323	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	339	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	349	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	12

D-6204

9th TAPE

INPUT TAPE HAS 1564.36 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

DV3-3 66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	324	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	341	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	158	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	337	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	215	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	122	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	319	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	183	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	272	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	243	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	249	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	10	OF FILE NO.	13

INPUT TAPE HAS 1581.31 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

D-6202

10th TAPE

EDE-PARITY-ERROR TAPE CHECK RUN BEGINS.

013-3 66-070A-05A

D-6188

11th TAPE

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	1	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	204	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	188	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	195	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	340	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	181	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	237	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	315	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	234	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	285	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	345	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	324	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	14

INPUT TAPE HAS 1628.24 FEET OF DATA

EDE-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	285	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	268	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	353	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	352	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	353	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	334	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	337	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	87	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	332	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	11

D-6191

12th TAPE

INPUT TAPE HAS 1546.71 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	345	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	347	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	292	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	220	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	268	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	351	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	339	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	185	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	287	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	335	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	12

D-6193

13th TAPE

INPUT TAPE HAS 1699.87 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

003-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	340	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	287	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	341	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	342	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	320	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	315	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	240	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	324	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	331	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	312	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	325	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	261	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	14

D-6205

14th TAPE

INPUT TAPE HAS 2141.33 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

OV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	1	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	330	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	234	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	346	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	325	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	295	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	319	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	322	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	323	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	310	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	133	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	336	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	14

D-6201

15th TAPE

INPUT TAPE HAS 1874.16 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

DV3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	317	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	264	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	275	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	271	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	318	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	311	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	329	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	322	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	293	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	11

D-6207

16" TAPE

INPUT TAPE HAS 1546.13 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

EOF-PARITY-ERROR TAPE CHECK RUN BEGINS.

0V3-3

66-070A-05A

AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	1	OF FILE NO.	1
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	2
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	332	OF FILE NO.	3
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	285	OF FILE NO.	4
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	300	OF FILE NO.	5
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	223	OF FILE NO.	6
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	175	OF FILE NO.	7
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	108	OF FILE NO.	8
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	209	OF FILE NO.	9
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	263	OF FILE NO.	10
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	227	OF FILE NO.	11
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	282	OF FILE NO.	12
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	238	OF FILE NO.	13
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	192	OF FILE NO.	14
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	218	OF FILE NO.	15
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	233	OF FILE NO.	16
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	212	OF FILE NO.	17
AN END-OF-FILE HAS BEEN ENCOUNTERED ON PHYSICAL RECORD NO.	2	OF FILE NO.	18

INPUT TAPE HAS 1994.96 FEET OF DATA

EOF-PARITY-ERROR TAPE CHECK RUN HAS ENDED.

D-6206

17th TAPE

003-3 66-070A-05A

FILE 0001 REC 0001 CH 0210

0001	000000000000	000000220000	000000000000	000124101123	552401200555	031716240111	162355051405	032422171655
0049	040124015506	221715552410	055515010716	052411035523	200503242217	150524052255	171655172636	463655513444
0097	414146423301	525755061722	551517220555	111606172215	012411171656	550317162401	032401571457	552601152017
0145	140155012455	241005550105	221723200103	055503172220	172201241117	165655051455	230507251604	175655030114
0193	110657555555	555500000000	000000000000					

FILE 0002 REC 0001 CH 0210

0001	000000000000	000000200000	000000000000	000100000000	000000000001	172636463655	040124015524	012005550617
0049	225522052655	555555553755	240120055522	050322043430	413355240120	055555553437	343640555555	061114055555
0097	555555365555	555555555555	555534303435	335524012005	555534373436	425555550611	140555555555	553455555555
0145	555555555555	052010155524	012005555555	553534343755	555506111405	555555555534	553755012507	554141551727
0193	660000000000	000000000000	000000000000					

FILE 0002 REC 0002 CH 0360

0001	000000000000	000000410000	000000000000	000222052655	555533333333	000000000000	000000371017	220401240533
0049	333410202204	012405333334	220405142401	243333341023	240102111433	333422220123	201116333334	220403232011
0097	163333342222	012325165533	333422040503	232516333334	222201151717	163333342204	031517171633	333422220117
0145	220403172220	220403172220	143333342223	232320111633	333410201001	230555333334	221114142515	553333342205
0193	150503142033	333422052325	012255333334	220523012605	223333342205	162405165533	333422142624	051655333334
0241	220516200516	233333342205	162515022333	333422142625	150223333334	221426200516	233333342205	162005161533
0289	333422051625	150215333334	221426251502	153333342214	262005161533	333422042515	153155333334	220425151531
0337	553333342204	251515315533	333400000000	000000000000				

FILE 0002 REC 0003 CH 0342

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0145	050043450134	140123245521	250122241717	625076314774	313060553443	271465741357	173052232476	470644001736
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0241	605737777777	777777771740	435531160574	041117404476	511605740270	605737777777	777777776057	377777777777
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FILE 0002 REC 0004 CH 0240

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0097	553333342223	031033415533	333422230310	334255333334	222303103343	553333342223	031033445533	333422202217
0145	241716333334	222011240310	553333342220	555555555533	333422145555	555555333334	220114245555	553333342205
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FILE 0002 REC 0005 CH 4968

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0097	146314621733	505530000000	000017345475	463146314631	172772600000	000000001777	000000000000	000017137303
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0385	406664144637	177700000000	000000001740	412405612662	412017267423	024365605076	172662037236	066042301727
0433	420044605740	675517267240	000000000000	172656631463	146314631726	741115645706	517717305032	627432477370
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0529	415117207055	637775501134	173442674333	315400741730	455333520325	462260543361	006776476530	172754514516
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