

**SDS PROGRAM LIBRARY
PROGRAM DESCRIPTION**

699008

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Model No. 860780-11A00

IDENTIFICATION: DES-1 (16K Version)

AUTHOR: SDS

ACCEPTED: September 23, 1966

COMPUTER
CONFIGURATION: Any DES-1 9300 Computer

PURPOSE: To solve differential equations.

PROGRAMMED
OPERATORS: None

SUBROUTINES
REQUIRED: None

STORAGE: N/A

TIMING: N/A

SOURCE
LANGUAGE: META-SYMBOL

LOADING
PROCEDURE: Refer to (980065A, DES-1 Reference Manual.)

USE: Refer to (980065A, DES-1 Reference Manual.)
(900886A, DES-1 Technical Manual.)

DES-1 system binary deck is provided to make a DES-1 system tape.

- 1) Mount a tape on magnetic tape unit zero at load point.
- 2) Load DES-1 binary deck with user library (if any).
- 3) Sense switch 4 on.
- 4) Standard load procedure from the card reader.
- 5) After all the cards are read push EOF on card reader.

USE: (Cont.)

- 6) Tape zero will be rewound and is the new DES-1 system tape.

The DES-1 system binary output consists of:

- 1) Universal loader (600007)
- 2) DES-1 system make
- 3) Master executive
- 4) Run-time executive
- 5) Update processor
- 6) Compiler
- 7) DES-1 loader
- 8) System library routines
- 9) User's library routines (if any)