DATA PROCESSING AND COMPUTING BRANCH

FC: 5700043 SC 436

DATA REDUCTION SECTION FTFSDP

Processes all field data received from the high precision bombing range. Provides data reduction and computation services in support of Air Force, Army, Navy, and Contractor agencies utilizing the high precision bombing range. Reproduces and distributes data to all requesting agencies.

DATA ASSESSMENT UNIT

Responsible for editing, assessment, reading and review of all data required on each test project to insure validity of data. Investigates data acquisition and reduction techniques. Develops mathematical procedures and assessment techniques whenever standard procedures are inadequate. Coordinates on all matters involving the calibration and evaluation of instrumentation and test system layout. Develops plans for accuracy determinations and calibration tests. Performs accuracy studies of range instrumentation and data reduction equipment and procedures.

COMPUTATION UNIT

Responsible for the electronic digital computing calculations as required in support of AFFTC projects. Develops improved and new mathematical and computational techniques when existing methods are inadequate. Maintains computing and data reduction equipment. Responsible for establishing and maintaining computer programs and interpretive routines.

DATA SERVICES UNIT

Responsible for the processing of all final data, including tabulation from cards or tape of release data, impact data, etc. Responsible for key punching all cards required for normal reduction work and prepares paper tape as needed for computing. Assembles, checks, documents, packages and transmits all final data processed in accordance with test directives. Prepares all reports required, including civilian personnel matters. Performs accuracy studies of range instrumentation and data reduction and data reduction equipment and procedures.