

# COLLECTION DEVELOPMENT POLICY STATEMENT

CLASSIFICATION: TLE 501-4040 (ASTRONAUTICS)

JULY 1999

**General Purpose:** To support the undergraduate curriculum for an academic major in Astronautical Engineering; to support one core course and four design options for an academic major in Engineering Sciences; and to support faculty research projects.

**Collection Level Intensity:** Introductory research.

**Geographical Areas:** No limitations.

**Chronological Periods:** No limitations, primarily history and technology of the 20<sup>th</sup> and 21<sup>st</sup> centuries and current space research.

**Types of Material Collected:** Monographs, dictionaries, handbooks, indexes and abstracts, bibliographies, government publications, serials, proceedings of conferences and symposia, NASA technical reports, and some laboratory manuals. Electronic sources include databases, CD-ROMs, and evaluated Internet web sites.

**Types of material Excluded:** Audiovisual materials.

**Other Factors:** Very interdisciplinary with academic majors of Engineering Mechanics, Electrical Engineering, Physics, and Aeronautical Engineering

## **Subjects and Collection Levels:**

### Rockets

TLE 501-503	Rockets and propulsion ( general works, history, congresses, encyclopedias)
505-518	Special types of rockets and propulsion
521-531	Special models and uses of rockets (including guided missiles)
551-583	Fuels, equipment, manufacturing and testing of rockets

### Astronautics, Space Flight

TLE 1021-1031	General, history, biography, dictionaries, study and teaching
1032-1035	Astrodynamics, research (includes flight mechanics, space trajectories, and orbits)
1036-1121	Aerospace industry, space projects (includes space projects by name, training for space, astronauts and cosmonauts biographies, & artificial satellites)
1123-1490	Space vehicles, space stations (includes design and construction, outer space travel and exploration)
1500-1573	Life support systems

3000-3285 Astrionics, telecommunications, guidance and control  
4000-4040 Ground support systems, operations and equipment (includes space tracking)

Subject areas where materials will be collected heavily are: design and operation of rockets and space vehicles, artificial satellites, navigation, guidance and control, training and biographies of astronauts, space stations, space communication, life support systems, and ground support. Some materials from other countries will be collected, but will be primarily in the English language. Materials are selected from Choice, review journals, and requests from departments.

**Weeding Criteria:** Materials in this area are usually kept for historical purposes, and weeding is confined mostly to worn out or multiple copies.

Last updated by Robert Humes, Subject Specialist