Finding Articles and Books about Aviation Technologies

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Morris Library and AVT 405 Pages

• Morris Library
  • [http://lib.siu.edu](http://lib.siu.edu)
  • Ask A Librarian

• Aviation Research Guide
  • [http://libguides.lib.siu.edu/aviation](http://libguides.lib.siu.edu/aviation)
  • My contact info
Information Timeline
Search Tips

• Break your topic into the main concepts and use connectors (and, or) for your search, e.g.:

  The Use of Artificial Intelligence in black Boxes →
  Artificial intelligence and black boxes
Add Synonyms and Related Terms

• Drones or UAVS or Unmanned aerial vehicles or Unmanned Aircraft Systems or Unmanned Aerial Systems

• Note: Use the database’s subject headings for more synonyms

Your turn

• Black Box
  • Flight data recorder
  • Black box or flight data recorder

• Flight Management System
  • FMS
  • FMS or Flight Management System
For Example:

Searching: OneSearch

Artificial Intelligence or AI

Select a Field (option...)

AND

black box or flight data recorder

Select a Field (option...)

AND


Search
Pick Subject-Specific Databases

• Remember that not every database covers every journal, including Google Scholar
  • Google Scholar only covers materials that are available for free
  • Often not the most recent material

• For this example, I would first choose:
  • Computers and Applied Sciences Complete
  • TRID
  • Military and Government
Subject headings vs Keyword Only

- Subject headings: Computers and Applied Sciences Complete, Business Source Complete

- Keyword Only: JSTOR, OneSearch, Web of Science, Newspapers, Nexis Uni, Google Scholar
More Search Tips

• Use truncation symbols if available, e.g., air*

• Use Boolean searches. Connect your search terms and phrases with and, or, and not.

• Link from subjects or descriptors found in articles to find other articles.
More Search Tips

• Use the database's limit to peer-reviewed/academic journals if this option is available.

• Use publication types (articles or reviews), subject headings, or Limit to words in the abstract

• Use limits, such as language, publication date
And Even More Search Tips

• Combine searches in Search History.

• Search databases simultaneously (OneSearch, Web of Science search).

• Use “Related articles” or “Cited by” links to find more information.
Does Morris Library Have the Journal/Article?

- **Find Full Text links** in Article Databases
  - Find Full Text menu

- Use the Journals Database to see if we have the journal online

- Use OneSearch for a quick search of the article title

- **Use Google Scholar**
Use Interlibrary Loan to Get Articles

- [http://lib.siu.edu/ill](http://lib.siu.edu/ill)

- Or use the link in the Find Full Text Menus
Finding Books

• Use the I-Share Catalog

• Use your keywords for your initial search, but think broadly e.g.,
  jets vs a specific company name of a jet

• Look for Topics (subjects) in the record of a book, or use the Topics
  limiter on the right side of the results page
Create an I-Share Account to Request Books from Other Illinois Schools

https://vufind.carli.illinois.edu/vf-sic/MyResearch/Home
Use the Request 1st Available button
Next....

1. Log into your account
2. You should be taken back to the record of the book, but use the back button if this does not occur
3. Click on the Request Button
You May Use Your I-Share Account to Renew Your Books Online