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Figure 1.5: Example of a typical flight's progress through different ATC control facilities.

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### Document View

- ▶ View PDFs from within the interface
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The image displays two screenshots of the ProQuest search interface. The left screenshot shows the search results page for the query 'capital punishment jurisprudence'. It lists several databases: ProQuest Criminal Justice Periodicals, ProQuest Dissertations & Theses: Social Sciences, ProQuest Dissertations & Theses: UK & Ireland: Social Sciences, and ProQuest Dissertations & Theses A&I: Social Sciences. The right screenshot shows a detailed view of search results for the same query, displaying 7422 results. The top result is 'Capital punishment, coherence, and judicial discretion in the supreme court's capital sentencing jurisprudence' by Mark E. Mathews, University of Wyoming, 2002. The interface includes options for citation styles, full-text viewing, and a sidebar with filters for source type, publication title, document type, keyword, subject, classification, company/organization, location, person, language, database, document feature, and date.

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The screenshot displays the ProQuest Dissertations & Theses (PQDT) search results page. The search term is "minimally invasive surgery". The results list includes:

- 1. A situational awareness enhancement system for minimally invasive surgery (PDF) by Peng, Chuan, The University of Arizona, 2007. United States -- Arizona. ProQuest Dissertations and Theses. Citation/Abstract | Preview - PDF (279 KB) | Full text - PDF (3 MB) | Order a copy
- 2. An intelligent modular tool for minimally invasive surgery (PDF) by Miller, David Jonathan, The University of Nebraska - Lincoln, 2008. United States -- Nebraska. ProQuest Dissertations and Theses. References (145) | Citation/Abstract | Supplemental file | Order a copy
- 3. Imaging of surgical tools as a new paradigm for surgeon computer-interface in minimally invasive surgery (PDF) by Balasubrah, Mandana, Simon Fraser University (Canada), 2006. Canada. ProQuest Dissertations and Theses. References (36) | Citation/Abstract | Preview - PDF (1 MB) | Full text - PDF (3 MB) | Order a copy
- 4. Characterization of a novel in vivo laparoscopic hydroelectrical imaging system for minimally invasive surgery (PDF) by Hahn, Sabine, The University of Texas at Arlington, 2006. United States -- Texas. ProQuest Dissertations and Theses. Preview - PDF (206 KB) | Full text - PDF (2 MB) | Order a copy
- 5. Patient-specific three-dimensional geometric reconstruction and model development for use with image-guided robotics systems for minimally invasive spine surgery (PDF) by Shroff, Catherine Gail, Purdue University, 2009. United States -- Indiana. ProQuest Dissertations and Theses. Citation/Abstract

The detailed view of the second result, "An intelligent modular tool for minimally invasive surgery" by Miller, David Jonathan, includes:

- Citation/Abstract**: Miller, David Jonathan, The University of Nebraska - Lincoln, 2008. United States -- Nebraska. ProQuest Dissertations and Theses.
- Abstract (summary)**: When performing instruments through trauma, speeded the accompanying and cause injury to the... The main focus of time required to surgeons to chase... Special design, the utilized to analyze MIS surgeons. The the need to remain have appropriate when using a me... an issue. Analysis conjunction with tool tips within the arrangements as tool tips. Finally, a possible shown that if the: extreme environe laparoscopic tools.
- Indexing (details)**:
  - Subjects: Biomedical research ; Surgery
  - Classification: 0541: Biomedical research; 0564: Surgery
  - Identifiers / Keywords: Health and environmental sciences ; Applied sciences ; Minimally-invasive surgery ; Laparoscopy ; Fuzzy inference ; Modular tool
- Supplemental Files**: A video player is embedded, showing a close-up of a surgical robot's hand holding a tool.
- References**: References (145) Documents with shared references (927)
- Other items you might like**:
  - Modular tool support for incremental change by using mixed granularities in evolving interoperation graph
  - A modular tool architecture for worst-case execution time analysis
  - A modular tool architecture for worst-case execution time analysis
  - Digital imaging based measurements and analyses in quantitative biomedical research at cellular and microvascular levels
  - The role of nonprofit grantmakers in the age of technology transfer: Attitudes about philanthropic funding in the biomedical research community

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