介绍

美国最著名的研究与教学机构史密森学会与Gale合作，发布了一系列来自史密森学会海量档案资料的在线典藏。这些典藏涵盖美国的历史、文化与创新。这使我们以前所未有地访问美国最出色的文化和历史档案资源。

- 飞行的发展，1784-1991年
- 贸易文献与工业商品化
- 世界博览会与展览会：展望明天
- 《航空与航天》和《史密森学会会刊》典藏
- 提供丰富的内容访问
  - 覆盖广泛
  - 科学、技术、航空、航天、艺术、文化、历史、建筑和工业设计、美术及装饰艺术、医药、性别与民族研究、摄影，铁路、农业机械、交通、发电、建筑、钢铁、采矿、机动车等等
- 探索优化的检索结果
  - 全新升级的平台，界面友好，适配主流移动终端设备，操作简单、快捷，更有针对性的研究学习辅助工具，帮助学者将更多的时间集中在信息的深度分析和挖掘中
操作界面语言翻译/登录个人微软账户

浏览资源

数据库介绍

检索历史

固定链接

资源介绍

可转至史密森学会官网

分析工具
以检索“airplane”为例，关键词检索有联想功能。
检索结果呈现
当前分类下结果数量和排序/检索方式

过滤当前结果
出版栏目
档案类型
出版时间
主题
作者
人物
二次检索

更广泛的Gale原始档案资源交叉检索平台
检索结果优化筛选

检索结果

Filter your results:
- Archives
- Source Library
- Document Type
- Publication Date
- Languages
- Subjects
- Author
- Items By
- Person
- About
- Search Within

Search Author:
- G. M. Bellanca (187)
- A. C. Hummel (18)
- C. M. Rolls (174)
- Brookline, Alphonso, Major General, USAF, Ret. (119)
- G. M. Bellanca, President (106)
- Chad Slattery (89)
- F. J. C. M. (79)
- H. L. Thompson (77)
- Jacqueline Cochran (73)
- William P. MacCordick (70)

Search Language:
- English (178)
- French (178)
- Russian (13)
- German (27)
- Dutch (21)
- Italian (18)
- Spanish (13)
- Danish (11)
- Finnish (4)
- Bulgarian (2)

Filter your results:
- Archives
- Source Library
- Document Type
- Publication Date
- Languages
- Subjects
- Author
- Items By
- Person
- About
- Search Within

Selective Library:
- Smithsonian Libraries, National Air and Space Museum Library (18,793)
- National Air and Space Museum, Archives Division (17,320)
- Smithsonian Institution (15,957)
- Smithsonian Libraries, National Museum of American History Library (12,362)
- National Museum of American History Archives Center (11,540)
- Smithsonian Institution Archives (11)
- National Museum of American History Library (7)
- Smithsonian Libraries (1)
Airplane Engines

Siturvent Airplane Engine

Catalog No. 259, Sturtevant Airplane Engine
Author: E. T. Sturtevant Co.
Publisher: E. T. Sturtevant Co. (Hyde Park, Nantucket, Massachusetts)
Collection: National Museum of American History Library Trade Literature Collection

Airplane Engines T HE Sturtevant eight-cylinder airplane engines, illustrated and described in this bulletin, represent the perfected development of many years of experience in building airplane engines. All features of design and construction are predicated on reliability, and extreme emphasis is laid upon this point in the text. The workmanship and material entering into the construction of these engines are of the highest order. All parts are accurately machined and absolutely interchangeable. All bearing surfaces are ground to exact size and perfect finish. The question of balance of reciprocating parts receives unusual attention, because only by accurate balance, both static and running, can the engine operate without vibration and endure the terrific stress which flying service imposes. Heat treatment of high-grade steel has been the subject of exhaustive study on the part of Sturtevant engineers with the result that important improvements in methods have largely increased the strength of these various materials, at the same time reducing the weight of the several parts. All parts are accurately machined and tested for the exact size and perfect finish. The question of balance of reciprocating parts receives unusual attention, because only by accurate balance, both static and running, can the engine operate without vibration and endure the terrific stress which flying service imposes. Heat treatment of high-grade steel has been the subject of exhaustive study on the part of Sturtevant engineers with the result that important improvements in methods have largely increased the strength of these various materials, at the same time reducing the weight of the several parts. All parts are accurately machined and tested for the exact size and perfect finish.
Useful tools 功能展示

引用

四种常用引文格式
可以导出至其他引用工具中
工具条上的**文档管理**功能可以进行转发、下载、打印和获取链接

下载
可定制化下载
下载OCR识别后的文本用于数字人文研究等
浏览资源

根据主题划分档案并且可以进行针对性筛选
Advanced Search 高级检索

检索主题
可增加检索关键词
可选择不同关键词检索类型

篩选条件：
档案筛选
内容筛选
时间筛选
插图内容
档案类型
出版物名称
语言

Search Terms

Find results that...

Terms

Field

Search for

And

Allow variations

Search

Add a Row

Search Tips

Operators

Proximity
Quotation Marks
Wildcards

Special Characters

by archive:

by content type:

by publication date(s):

by illustrated works:

by document type:

by publication title:

by language:

by collection title:

by subcollection title:

by publication section:

by source library:

Search

Reset
根据输入结果智能抽取标题、主题，并从顶部结果的子集中提取大约前100个词，然后将其纳入到算法。图形中显示的关键字是使用检索词在文稿中找到的最常见词汇。右侧结果区可显示关键词在文献中搜索到的相关文章。
主题结果可以根据点选，实时反馈相关文章。部分主题下还包括次级主题。
两种可视化图形
Term Frequency

Term Frequency

View search results over time by entering a word or phrase, comparing multiple terms if desired. By clicking on a point on the graph, retrieve search results for that year or, by clicking and dragging, select a time period to zoom in on.

Term: airship, airplane

Add row, Delete row

Year Range: 1742 - 2020

Content Type: Monographs, Manuscripts, Newspapers & Periodicals, Magazines, Photographs

Frequency, Popularity

Term Frequency

Number of Documents By Year, 1742–2020

Click and drag in the plot area to zoom in

Number of Documents

0 500 1000 1500

1800 1850 1900 1950 2000 2020

airship airplane

Term Frequency 词频工具

可增加多个关键词对比/筛选时间范围和内容类型/输出数量和占比两种模式

可在结果中选中放大/下载数据/跳转至档案结果页
更多信息欢迎访问：
www.gale.com
扫描二维码关注Gale官方微信