

Cote, Henry fuel cell history collection

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Description is written in: English.

Describing Archives: A Content Standard

Friends of Wood Memorial Library and Museum

783 Main Street

P.O. Box 131

South Windsor, CT 06074

Business Number: 860-289-1783

archives@woodmemoriallibrary.org

URL: <https://woodmemoriallibrary.org/>

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Summary Information

Repository:	Friends of Wood Memorial Library and Museum
Creator:	Cote, Henry
Title:	Henry Cote fuel cell history collection
ID:	2022.18
ID [aspace_uri]:	/repositories/21/resources/1198
Date [inclusive]:	1952-2011
Physical Description:	4.5 Cubic Feet
Language of the Material:	English .
Abstract:	The Henry Cote fuel cell history collection, 1952-2011, documents the creation and production of fuel cells by the United Technologies Corp. (UTC) Fuel Cell division, as well as the fuel cell industry more generally. The collection consists of internal documents from UTC Power, reports and technical papers, technical drawings, manuals, marketing materials, periodicals, articles about fuel cells from professional journals and newspapers, photographs, and ephemera.

Preferred Citation

[Identification of item], Henry Cote fuel cell history collection (2022.18), Wood Memorial Library and Museum, South Windsor, CT.

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Biographical / Historical

Pratt & Whitney Aircraft first became intersted in fuel cell technology in 1958. The company developed its first experimental fuel cell in about 1960 and secured a contract from NASA in 1961. In 1964, Pratt undertook development work in a facility in South Windsor, CT. Becoming a unit under corporate parent United Technologies Corp. (UTC), the fuel cell division (known by many names including Power Systems Division, International Fuel Cells (ITC), UTC Fuel Cells, and UTC Power) pioneered the development and production of a range

of fuel cells. They were used on NASA's Gemini, Apollo, and Space Shuttle programs, and in a variety of non-space applications. UTC sold its fuel cell operation to ClearEdge in 2013. Doosan Corp., a South Korean firm, acquired it in 2014.

Henry Cote, an engineering lab manager at UTC Power from 1968-2004, assembled the collection.

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Scope and Contents

The Henry Cote fuel cell history collection, 1952-2011, documents the creation and production of fuel cells by the United Technologies Corp. (UTC) Fuel Cell division, as well as the fuel cell industry more generally. The collection consists of internal documents from UTC Power, reports and technical papers, technical drawings, manuals, marketing materials, periodicals, UTC news releases, articles about fuel cells from professional journals and newspapers, photographs, and ephemera.

Cote arranged the materials thematically, and we have maintained his original order.

Series 1. Commercial (1962-2005) (51 folders; 356 items) documents the marketing of UTC fuel cells.

Series 2. History (1964-1992) (6 folders; 21 items) documents the history of fuel cell technologies and their development at UTC.

Series 3. Undersea (1964-1993) (3 folders; 28 items) documents the undersea applications of fuel cells, most notably for submersibles.

Series 4. Military (1963-1983) (3 folders; 22 items) documents the military applications of fuel cells.

Series 5. Transportation (1959-2003) (7 folders; 58 items) documents the automotive applications of fuel cells.

Series 6. Misc. (1960-2011) (18 folders; 101 items) includes internal documents from UTC Power, news releases, newsletters, marketing materials, photographs, ephemera, and other materials that do not clearly fit into one of the other series.

Series 7. Space (1959-1990) (30 folders; 193 items) documents the space applications of fuel cells, including for NASA's Gemini, Apollo, and Space Shuttle programs.

Series 8. Periodicals (1952-1982) (23 folders) includes United Aircraft's quarterly Bee-Hive magazine and its Annual Pictorial Reports (1952-1979) and the Pratt & Whitney Aircraft Division's biweekly Power Plant newspaper (1965-1982) (complete runs).

An item-level container list for the collection is available at the following URL: http://woodmemoriallibrary.org/wp-content/uploads/2021/06/cote_fuel_cell_history_collection_inventory.xlsx

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Administrative Information

Publication Statement

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Conditions Governing Access

There are no restrictions on access to the collection for research use. Particularly fragile items may be restricted for preservation purposes.

Conditions Governing Use

Requests for permission to publish should be directed to the Wood Memorial Library archives staff. It is the responsibility of the researcher to identify and satisfy the holders of all copyrights.

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Controlled Access Headings

- South Windsor (Conn.)
- United Technologies Corporation. Fuel Cell Operations
- United Technologies Corporation--History
- United Technologies Corporation. Power Systems Division. Fuel Cell Operations
- International Fuel Cells Corporation
- United Aircraft Corporation. Pratt & Whitney Aircraft Division

- Fuel cell industry
- Fuel cell industry--Connecticut
- Fuel cell industry--Periodicals
- Magazines (periodicals)
- Reports.
- Manuals (instructional materials)
- Photographs

Collection Inventory

Series 1. Commercial (51 folders; 356 items), 1962-2005

Cote 1; Cote 2

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Series 2. History (6 folders; 21 items), 1964-1992

Cote 3

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Series 3. Undersea (3 folders; 28 items), 1964-1993

Cote 3

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Series 4. Military (3 folders; 22 items), 1963-1983

Cote 3

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Series 5. Transportation (7 folders; 58 items), 1959-2003

Cote 3

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**Series 6. Misc. (18 folders; 101 items),
1960-2011**

Cote 3

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**Series 7. Space (30 folders; 193 items),
1959-1990**

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Series 8. Periodicals (23 folders), 1952-1982

Title/Description	Instances
United Aircraft Corporation Bee-Hive magazine and Annual Pictorial Reports, 1952-1968	Cote 6, 7
Pratt & Whitney Aircraft Division Power Plant newspaper, 1965-1982	Cote 8, 9

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