

HydraElectric A PIONEER IN AVIATION HISTORY

1948

COMPANY FOUNDED

Hydra-Electric is founded, and invents the first negative rate disc spring. Fuel tank valves are Hydra's first products.

1950

FIRST CUSTOMER



Lockheed becomes Hydra-Electric's first switch customer.

1952

B-52



Hydra's hydraulic pressure switches are utilized on the B-52.

1954

BOEING 707



Boeing purchases Hydra's switches for the fuel and pneumatic systems of its first jet airliner, the Boeing 707.

1955

LOCKHEED U2



Lockheed selects Hydra-Electric for the U2, its reconnaissance aircraft nicknamed "Dragon Lady."

1956

LOCKHEED L-1649A



Hydra-Electric designs switches for Lockheed's premium passenger aircraft, the Constellation "Starliner."

1970

BOEING 747



The first wide body jumbo jet, the Boeing 747 incorporates hydraulic and fuel flow switches from Hydra-Electric.

1969

SATURN V ROCKET



Switches from Hydra-Electric are utilized on Saturn V rocket used to transport Neil Armstrong and team to the moon. Company's products are used as part of the fuel and pneumatic systems.

1963

DASSAULT, LEARJET



Hydra-Electric products are selected by two pioneering biz jet programs – Dassault Falcon 20 (left) and Learjet 23 (right)

1961

NASA



Hydra-Electric develops switches for Atlas launch vehicle, part of NASA's Mercury project for human spaceflight in which John Glenn was the first U.S. astronaut to orbit the earth.

1958

GULFSTREAM I



Hydra-Electric is selected to provide all the pressure switches on the Grumman Gulfstream I, a twin turbo-prop business aircraft.

1974

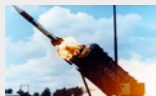
F-14 TOMCAT



Hydra-Electric supplies pressure switches for the Grumman F-14 Tomcat.

1975

PATRIOT MISSILE



Company's switch technology is utilized on the Raytheon Patriot Missile.

AH-64 APACHE



Hydra's switches selected for Army's AH-64 Apache – a 4-blade, twin-engine attack helicopter still in use today.

1981

F-117A NIGHTHAWK



Program incorporates Hydra-Electric's products for its stealth ground-attack aircraft.

1983

EMBRAER



Began providing sensing technology for Embraer, beginning with the EMB 120 and other programs to follow.

1987

AIRBUS 320



Hydra's hydraulic switches are utilized on this commercial aircraft program.

2006

AIRBUS A380



Hydra-Electric provides high performance sensing instruments for this wide body commercial aircraft program.

1997

LOCKHEED F22 RAPTOR



Hydra-Electric provides high performance sensing technology on this all-weather stealth fighter developed for USAF.

1994

EUROFIGHTER TYPHOON



Hydra-Electric provides fuel switches for the Eurofighter Typhoon.

1991

MCDONNELL DOUGLAS C-17



Hydra-Electrics provides sensing instruments including hydraulic switches aircraft.

1989

BELL TEXTRON V22 OSPREY



Hydra-Electric provided numerous different switches for this rotary wing aircraft.

2009

BELL 429 GLOBALRANGER



Hydra-Electric's high performance sensors are utilized in the light twin-engine helicopter.

2011

JOINT STRIKE FIGHTER



JSF program aircraft take advantage of Hydra-Electric's breakthrough technology in high performance pressure sensors.

2012

A320 NEO



Hydra-Electric provides engine switches for the A320 Neo.

2013

EUROFIGHTER TYPHOON



Hydra-Electric provides high performance sensors for world's most advanced swing-role combat aircraft.

2015

PILATUS PC 24



Hydra-Electric provides sensors for the environmental controls system of this twin-engine business jet.

Future

MORE
Hydra-Electric innovative sensor and switch solutions on the way.

2019

Bell 525
Qualification complete for Hydra-Electric sensors on the Bell 525 Relentless Helicopter



2018

Irkut MC-21
Completed qualification for Hydra-Electric sensors on Irkut MC-21 single-aisle twinjet airliner



2017

A350-XWB
Over 20 of Hydra's switches and sensors selected for Airbus long haul, twin-engine wide-body jet airliner.

