

Hydraulics Leader For Aerospace And Defense

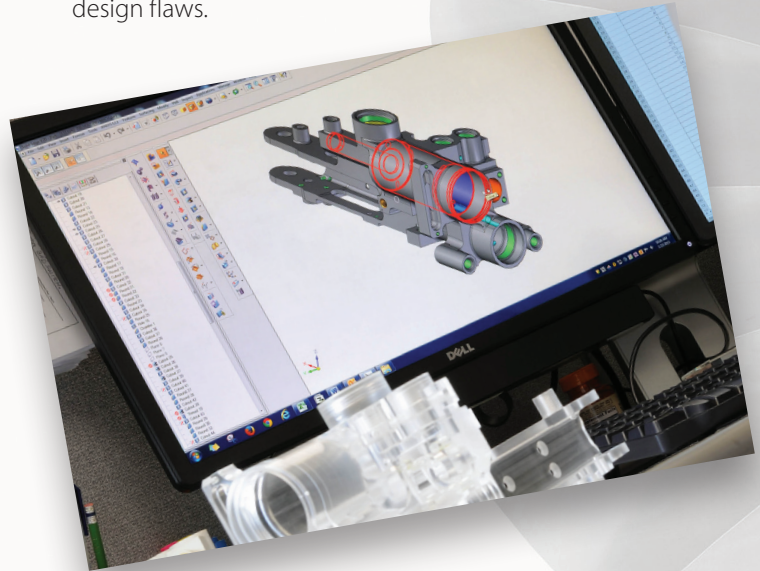


Design

Arkwin has been a leader in designing and manufacturing "Build to Customer Specification" hydraulic products for over 60 years. Arkwin's extensive experience and innovative approach to design has earned Arkwin a reputation for reliable performance and durability, second to none. Arkwin's products can be found on today's most advanced civil and military rotary and fixed wing aircraft and engines.

Arkwin's strength lies in our technical expertise and customer commitment. Our integrated multi-disciplinary product teams consisting of engineering, quality, program management, contracts, procurement, and manufacturing support personnel work together as a unit to optimize product design and focus on customer needs. We take great pride in our responsiveness to our customers.

Flexibility, collaboration, and diversity are at the core of Arkwin's development model. We embrace customer ideas and support challenges placed before us. Our technical staff works closely with our customers' engineers to evaluate the best path throughout the design and development process to achieve a lightweight, cost-effective, and reliable product. Our extensive suite of design software enables us to ensure tighter control over the manufacturing process and avert costly design flaws.



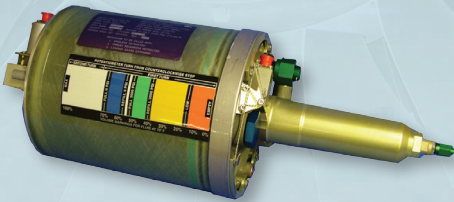

ARKWIN
INDUSTRIES INC.

Manufacture

As the technology of flight has evolved, so has the level of sophistication required to manufacture new, complex hydraulic products. Advanced tooling, machinery, manufacturing and testing capabilities, and supporting processes are essential to produce products satisfying today's stringent performance requirements. Arkwin is dedicated to continuous improvement to ensure we remain at the forefront in all of these areas. Our strict commitment to our AS9100 certified quality system ensures high product reliability and world class on-time delivery and quality performance.

Support

Arkwin is networked with product distribution and support partners throughout the globe. We provide "around the clock" AOG service and have an FAA and EASA certified repair station on site to provide OEM-approved solutions at competitive turn-around times.



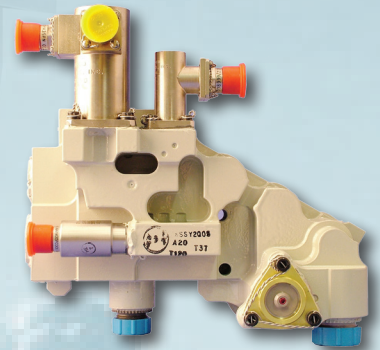
RESERVOIRS

- 30 unique metal and composite designs
- Swept volumes from 30 to 5,000 cubic inches
- Operating pressures up to 5,000 psig



ACTUATORS

- Advanced locking features
- 125+ unique designs
- Types
 - Engine Control
 - Landing Gear
 - Utility
 - Damper
- Operating pressures up to 5,000 psig
- 3+” diameter bores and 25+” strokes



CONTROL VALVES

- Over 250 relief valve and in-line pressure reducer products – Directional control, integrated modules, sequence, flow regulators
- Manual and multiple sequence operation
- Operating pressures up to 5,000psig

ATA Chapters

Hydraulic Power
Chapter 29

Auto Flight
Chapter 22

Landing Gears
Chapter 32

Engine Bleed Air
Chapter 75

Propellers
Chapter 61

Thrust Reversers
Chapter 78

Platforms

A320

CFM56-5/-7

Bell 525

B777

CF34-3

CH-47

Citation X

CF34-8C/E

CH-53K

C-130

CF6

H-60

E-Jets E2

F404

MD900

F-35

F110

S-76

F-15

F414

S-92

F-16

T700/CT7

V-22

F/A-18

LM2500

HA-420

LM6000



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