



# Aircraft Engine Historical Society

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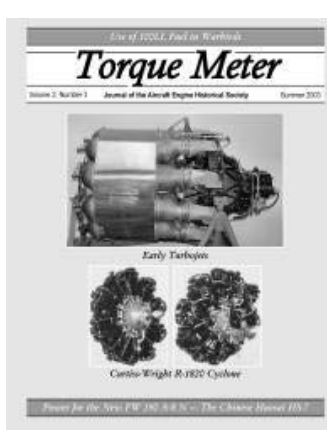
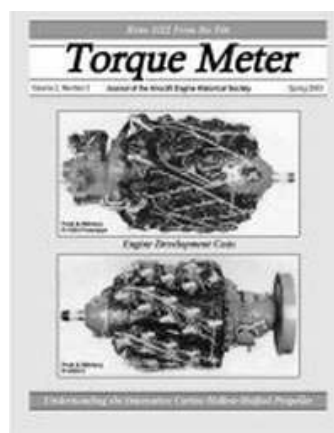
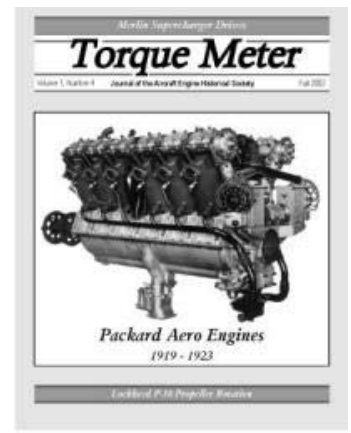
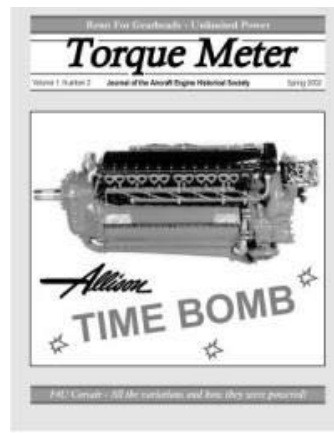
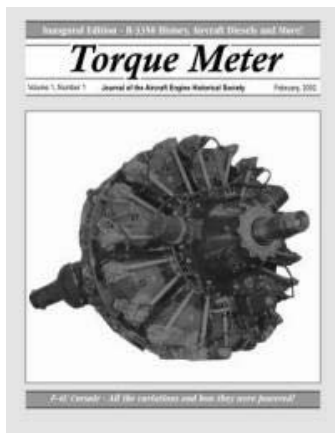
Compiled by James Strobeck

### Notes about Departments:

“View from the White House” is by Graham White

“ATDC” is by Kevin Cameron

“President’s Message” is by Kim McCutcheon



## Vol. 1, No. 1—Winter 2002: 40 Pages

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by Kimble D. McCutcheon and David Birch

The Curtiss AB Aero-Engine

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**Departments**

View from the White House  
(Noisy Endeavors, Product Review)  
ATDC (Setting Fire)  
Presidents Message (c1931: Napier and Hispano Suiza)

**Air Mail - Correspondence**

Passed On: Bob Havemann & Marvin Goodman  
Tom Fey: Prop Progress  
Paul Bingham, Phil Miller: Involute Gearing and Rockers  
John Cundy, Kevin Cameron: Experimentalists  
Dave Birch, Kim McCutcheon: Liquid-Cooled Engine Status  
Clive Phillips, David A. Paddock: Graham White's Runners  
Gene Ely: Request for Anzani Help  
George Geneviro, Kim McCutcheon: Photos and Questions  
Mick Jeffries, R.F. Pauley: Chrysler XT36

**Vol. 6, No. 4—Fall 2007; 52 Pages**

On the Cover: The Fiat AS6

Back Cover: AEHS 2007 Convention Attendees

**Features**

The Path to the Wright J-5  
Part 2: The Wright R-1 Cylinders  
by Paul Palmgren

Torque Talk  
by David Birch

Report from the 4th Annual AEHS Convention  
Dayton, Ohio (July 19-22, 2007)  
by Larry Rinek

Wright Brothers 1903 Engine  
by Frank Munger

Reno 2007  
Racing A-Round  
by Dan Whitney

The Mighty Fiat AS6 Engine  
Part 1: The Lead-up to the AS6  
by C.F. Bona

**Departments**

View from the White House (Conventions, Franklin O-805)  
ATDC (not published)  
Presidents Message  
(Listing of On-Line Catalog Donors and Transcribers)

**Air Mail - Correspondence**

Denis Kay: J.S. (Jim) Irving Obituary  
Eric Zimmerman, Paul Palmgren, Doug Culy: Path to the J-5  
Bill Lewis, Rory Taylor: Jumo 222  
Roy E. "Gene" Harper, Bill Lewis: SDAM Mystery Engines  
Peter Short, Phil Miller: Sparks  
Phil Roe, Graham White: Quiet Please...!!  
Bill Bishop: Green Engine Drawing  
Russell Herbert, Graham White, Dave Birch: Merlin Questions

**Vol. 7, No. 1—Winter 2008; 48 Pages**

On the Cover: Franklin O-805 Display Trailer  
Back Cover: Allison Ad, circa 1943

**Features**

Designing and Building a Display Trailer  
by Graham White  
Early American Turbojets  
by Don Stauffer  
Tractor Usage of Warbird Engines in Italy  
by Ugo Vicenzi  
Continental A-70  
The Mighty Fiat AS6 Engine  
Part 2: The AS6 Engine in Detail  
by C. F. Bona  
The Merlin's Worst Enemy  
by David Birch

**Departments**

View from the White House (Due Diligence, Convention News)  
ATDC (R-3350 BA Reduction Gear Problems)  
Presidents Message

**Air Mail - Correspondence**

Peter W. Alexieff, Mike Satren: Air Racing  
Kevin Cameron: Regarding Sir Stanley Hooker  
Gary Brossett, Bouvard Hosticka: Engine Info  
E-mail, David Bienvenu, Robert Neal: Engine Info  
Lee Hodgson: Sleeve Valve Model Runs  
Sandy Skinner: Aero Engines in Cars  
Tom Fey: More on Aeroprop  
Jamie Fairchild: Isotta Fraschini

**Vol. 7, No. 2—Spring 2008; 44 Pages**

On the Cover: Bristol Hercules  
Back Cover: CSAMA CS 15 Speed Record Aircraft

**Features**

The Bristol Hercules  
Part 1: Sleeve-valve Design and Operation:  
Manufacturing the Cylinder and Sleeve  
by J. A. Oates, A.M.I.E.I., Int.A.M.I.P.E.  
Contra-Rotating Propellers  
Part 1: Why, How, Rotol and the Wyvern  
by Tom Fey  
The Mighty Fiat AS6 Engine  
Part 3: The AS6 Performance and Testing  
by C. F. Bona  
The Merlin's Worst Enemy  
by David Birch  
The First Aero Engine Made by Rolls-Royce Ltd.  
(With Mercedes Digressions)  
by Sandy Skinner

**Departments**

View from the White House (Fits, Ranger Progress, Sacramento)

**Air Mail - Correspondence**

Dan Whitney: NWOC 2008  
Alvin Lowi, Jr., Alan Lea: *Torque Meter* Comments  
Tom Fey: News from the Prop Shop  
Jamie Fairchild: Liberty Photos  
Phil Miller: ATDC R-3350

**Vol. 7, No. 3—Summer 2008; 48 Pages**

On the Cover: Packard 3A-1500

Back Cover: Packard Ad from 1925

**Features**

The Bristol Hercules

Part 2: Production of the Master Connecting Rod,

Airscrew Shaft, Cylinder Head,

Sleeve Ball and Housing

by J. A. Oates, A.M.I.E.I., Int.A.M.I.P.E.

The Great Funk "E" Crankshaft Mystery

by Phillip A. Miller

Packard as an Aero Engine Builder

Spark-Ignition Engines: 1923-1939

by Robert Neal

The Bristol Hercules Crankshaft

by J. A. Oates, A.M.I.E.I., Int.A.M.I.P.E.

**Departments**

ATDC (Re-Powering Fifi)

Presidents Message

**Air Mail - Correspondence**

Jesse Nadel: Torque Meter Vol. 7, No. 1

Sandy Skinner: The Rolls-Royce Bible

David Birch: In Search of the Holy Grail

Kim McCutcheon: AEHS Member Recognized

**Vol. 7, No. 4—Fall 2008; 52 Pages**

On the Cover: Fairchild-Caminez Engine

Back Cover: Caminez Engine Evolution

**Features**

Reno 2008

by Dan Whitney

Report from the 5th Annual AEHS Convention

by Larry Rinek

The Bristol Hercules Components

by J. A. Oates, A.M.I.E.I., Int.A.M.I.P.E.

The Bristol Hercules

Part 3: The Gear Department, Engine, Assembly  
and Testing, Heat-Treatment and Process Sections,  
Laboratories and Standards Room

by J. A. Oates, A.M.I.E.I., Int.A.M.I.P.E.

Packard as an Aero Engine Builder

The Packard Diesel

by Robert Neal

The Fairchild-Caminez Engine

by Paul Christiansen

**Departments**

ATDC (Flying the Wright R-3350 Radial)

Presidents Message

**Air Mail - Correspondence**

Nick Avery: Centaurus assembly

Derek J. Collier: Halifax engine mounts

John C. Evans: Pratt & Whitney engine work

George Plonk: AEHS web site kudos

Jack Hereford: Tesla Turbine

Ron Wyman, Kim McCutcheon: Fairey P-24 engine

Midwest Rotary Engines

# Torque Meter

Volume 3, Number 1 Journal of the Aircraft Engine Historical Society Winter 2014




*Rolls-Royce Eagle 22*

Rolls-Royce Eagle 22

Emergency De-Flight Engine Repair

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Rolls-Royce Eagle 22

# Torque Meter

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Rolls-Royce Eagle 22

Emergency De-Flight Engine Repair

Rolls-Royce Eagle 22

# Torque Meter

Volume 3, Number 2 Journal of the Aircraft Engine Historical Society Summer 2014



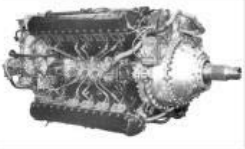
Rolls-Royce Eagle 22

The World's First Successful Jet Engine

Rolls-Royce Eagle 22

# Torque Meter

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Rolls-Royce Eagle 22

Rolls-Royce Eagle 22

Rolls-Royce Eagle 22

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Volume 4, Number 1 Journal of the Aircraft Engine Historical Society Winter 2015



Bristol Aquila

Early Axial Flow Turboprop

Rolls-Royce Eagle 22

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Bristol Hydra

Low-Speed Turboprop Engine

Rolls-Royce Eagle 22

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High-Speed Turboprop Engine

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Curtiss OX-5

Rolls-Royce Eagle 22

Rolls-Royce Eagle 22

# Torque Meter

Volume 5, Number 1 Journal of the Aircraft Engine Historical Society Winter 2016



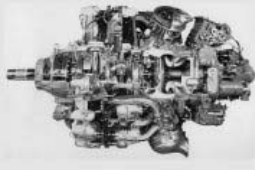
Gearing for Gearheads

The Impact of the Engine on the Airframe

Rolls-Royce Eagle 22

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Curtiss-Wright Power Recovery Turbine

The Impact of the Engine on the Airframe

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Bugatti U-16

Re-Assembling the 16-Cylinder Distributor Cap

Rolls-Royce Eagle 22

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Volume 5, Number 1 Journal of the Aircraft Engine Historical Society Fall 2016

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Pioneer Sleeve Valve Aero-Engine

Re-Assembling the 16-Cylinder Distributor Cap

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Volume 6, Number 1 Journal of the Aircraft Engine Historical Society Winter 2017



Chrysler's Resupercharged Turboprop

The Heineck 10-Balloon Engine

Rolls-Royce Eagle 22

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Aviation Engines

The Curtiss-Wright Aero-Engine

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The Wright J-5 Whittwind

The Push on the Wright J-7

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The Mighty Fiat AS6 Engine

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Engine Trailers

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Building the Bristol Hercules

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Packard Spark Ignition Aero Engines: 1925 - 1939

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The Fairchild-Camcoq Engine

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