Harold E. Morehouse Flying Pioneers Biographies Collection - Bell, Frank M.

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ASK MEN WHO KNOW
WHAT THEY THINK ABOUT
ROBERT MOTORS

Dr. F. M. Bell has had 4 Roberts Motors
[[Image - Picture of Bell on a plane]]
His letter below voices the opinion of many

[left column]
The Roberts Motor Co.
Sandusky, Ohio
[/left column]

[right column]
St. Louis, Mo., Nov. 3, 1912.
[/right column]

Gentlemen:-

Having just completed my 1912 season of commercial flying with my Benoist Military Tractor Biplane No. 30 equipped with Roberts 6-X Motor No. 181, I take pleasure in stating voluntarily and without solicitation on your part, that your motor never failed me during the entire Season's flying from any fault of the engine or equipment connected with it. My repair bill on engine was practically nothing and the surplus power delivered in emergency requirements astonished all who saw its performances.

I do not feel that this expression of continuous performance and reliability record is needed by you because it is but the opinion of all practical flyers I have ever known who had had experience with your product in the air. The four Roberts engines I have had intimate personal knowledge of in the last two years but confirm the opinion I have heard often expressed: "You can come nearer forgetting a Roberts than any other engine in the air."

With best wishes.

Sincerely yours,
FRANK M. BELL.
Flying Benoist Military Tractor Biplane No. 30

Send for copies of similar letters. (Standard equipment Paragon propellers)
THE ROBERTS MOTOR CO., 1467 Columbus Avenue, Sandusky, Ohio

[left column]
"THE BEST AND ONLY THE BEST"
Biplane Glider $35 F.O.B. Oakland, Calif.

[[Image]] If you would like to enjoy the pleasures of aviation, this summer and do not feel like putting $4,000 or $5,000 into an aeroplane and taking the attendant risk of operating a power-driven machine, you should purchase one of our man-carrying gliders and take it with you on your vacation. They are constructed from the best materials and are put together by experienced workmen and tested, before taking apart and crating, ready for shipment to our customers.
BAY CITY AERO SUPPLY COMPANY


April 1913 FLY MAGAZINE 3

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BAY CITY AERO SUPPLY COMPANY
1410 Jackson Street, Oakland, California

THOMAS SCHOOL NOW OPEN
TUITION $250
POPULAR PRICED MACHINES

U. S. Government Report

AMERICAN PROPELLER CO.
230 EAST HAMBURG STREET BALTIMORE, MD.

1410 Jackson Street, Oakland, California

THOMAS SCHOOL NOW OPEN
TUITION $250
POPULAR PRICED MACHINES

Training consists of daily flying on dual controlled machine. Course ends with pilot's license. No additional charges. Learn on the ice and avoid accidents.

A Thomas holds the American Endurance Record with passenger and won all speed events at the N.Y. State Fair Meet.

Write for free booklet.

THOMAS BROS. AEROPLANE CO., BATH, N.Y.
[/left column]

[right column]
U.S. Government Report
U.S. Navy Aviation Camp

Guantanamo Bay, Cuba, February 24, 1913.

From: Senior Aviation Officer,
To: Secretary of the Navy, Bureau of Navigation

SUBJECT: Report on tests of Paragon Propellers.
The Paragon Propellers, built by the American Propeller Company, of Baltimore, Md., have been tested as follows:
The pair for the Wright motor were put on B-2, equipped with Wright six-cylinder motor. They allowed the motor to speed up showing an increase of 34.5 revs. per minute on the ground and of 45.5 revs. in the air. The machine apparently had increased speed when equipped with the Paragon Propellers, but the motor was giving so much trouble that it was impossible to determine the actual speed of the machine.
The propellers were then fitted on B-1, equipped with Sturtevant motor and a twelve tooth sprocket instead of the usual eleven tooth drive. This allowed motor to run about normal speed and propellers seemed to be more efficient than the Wright. They are in use on the machine at present and are giving perfect satisfaction.
The three bladed propeller was fitted on A-2 machine, equipped with motor No. 316. Previous to this the machine while equipped with Curtiss propeller ran over a measured course, and an average of six runs showed a speed of 56.7 miles per hour.
When equipped with Paragon three bladed propeller machine was run over the same course under same conditions and an average of 57.1 miles per hour attained. Extension surfaces were carried on machine, and the wind was not directly down the course, which accounts for the rather low speed.

I am convinced that the three bladed Paragon gives more thrust and more speed than any other propeller we have had.
[Abridged Copy] [Signed] J.H. TOWERS.

For Hydro and Speed Machines--Paragon Three Blade. Greater efficiency with smaller diameter. Cheap in price, phenomenal in results, unequaled in strength.

For Wright-Type Machines--New Process Twisted Paragons. Seamless and jointless three ply blades, hard wood except back and interior. Engines require 13 ft. pitch instead of usual 12 pitch. More pitch-speed. Less slip. Faster Flying.

AMERICAN PROPELLER CO.
239 EAST HAMBURG STREET BALTIMORE, MD