

AIRCRAFT RESEARCH and DEVELOPMENT CTR.

Route 1

Est. 1960

Phone 453-3241
Tomahawk, Wis.

April 5, 1966

Ace Aircraft and Mfg. Co.
106 Arthur Rd.
Asheville, N.C. 28806

Mr. T. Baird:

Dear sir:

Your letter Dated Mar. 30 received thank for all the information sent. I sure am happy that the fixtures are still in a service able condition. And that they at last found a n owner who thinks enough of his tools to take care of them. I had expected that DuCharme had taken my name off the drawings. Since we did not part as friends. But also is somthing I would like to forget if such a thing is possiable.

Regarding the Jr. Ace I had a ship completly welded up. That was supposed to be the companys experemintal ship. However since I still had been working at Milwaukee on the second shift when I returned from work . I found that my partner had had the ship crated and shipped to a party in Elmsford N.Y. As for completing the drawings. That was impossiablewith the ship gone so I just Quit. Although there are a number of Items that would have to be changed. Wing strut fittings are No. 1 These did not have a true center line between wing strut fittings and fuselage strut fittings. If I am correct I belive that the wing fittings were off either 1 1/2 to 2 degrees which in time possably very short would elongenate the holes in the spars with a 90% chance of spar failureat these points. To my knoweledge the drawings were never completed afterI quit.

Re Baby Ace as to accepting Another ship as part payment It may be possiable . However since I am working full time as a pattern maker. and that I wish to start production of FIBERGLASS aircraft products this summer. Which will include a new type cowelfor the Ace as well as certain fairings Gas tanks Prop spinners wheel pants and pressure nose cowels . These items will only be sold thru the companys who handle a particular type of ship. Such as Ace Aircraft and others.If interested.

Regarding the parts you wish to havefor the Ace whole sale. Rudder springs you can obtain from any company that manufactures small springs . With a very good chance that you can obtain them in your home state. For the shock strut springs you can contact International Harvester Company Chicago They will either have these springs in stock. Or you can contact a coil spring manufacturer in your home state.

Landing gear Vees and engine cowels I have written to a manufacturer who has been manufacturing these components for a number of years and all parts are FAA approved . The same applies to engine mts. Gas tank necks and gas guages I have also applied for. But will have to await an answer. And then let you know.

The parts that I intend to make up will be og completely fire proof Glass and resins. And will try to have these items approved by FAA. In the event you do not know about this . An Ace with a C. 65 will travel at 125 top speed with a pressure cowel. Providing that the ship has been built according to print specifications. in fact she will keep up with a Cesna 140 with out bending the trottle.

R_o: Ace Corben Go easy with him. This is just a word of Caution.

N6887Cc Has a 100 mph per hr cruise and with the new wing will preform even better. Wing tip bow has been removed and is replaced with a 48" end rib which will add 10 1/2 sq ft. to the wing area I am also inclosing a drawing on the new aileron configuration This drawing is not to be used in kits until released for production. And the ship has been thourly tested. Will you please not disclose these new items?

Sincerely yours



C.A. Walters