

that with a pitch of 6 1/4 ft. the theoretical pitch speed would not be sufficient to give the machine life and our fears were realized this morning. We are now, however, constructing a new propeller of greater pitch, 7 ft. diameter and 22 degrees at the tip. The engine has power enough to turn over this greater load giving probably the same number of revolutions as we have now. This ought to increase our pitch speed to the required extent. A slight accident occurred after we had taken the machine back to the tent. It was decided there to run her once more to test accurately the number of revolutions, but shortly after we had started, cylinder No. 2 blew off, the same one as before. As, however, an extra cylinder and piston are already made this will necessitate no very long delay. Mr. Curtiss has determined this time to secure the cylinders to the crank case by the addition of some stronger brass construction. We hope very much that Mr. Bell will stop off here on his way from Washington to Baddeck. I think what we have here, both the water and land experiments will interest him tremendously, and we may keep him long enough to finish up our tests here and accompany him to Baddeck for Christmas.

Wish you every success with the new Bulletin.

(Signed) J.A.D. McCurdy.