



# Fly Micro

**Microlight aircraft — Build, Restore, Upgrade & Repair**



- Value for money
- Trustworthy
- Well-organised
- Attention to detail
- Problem-solving
- Efficient

**Bruce Conway** is available to build, restore, repair, upgrade or modify your microlight.

He loves to make things that work well. Bruce has many years experience with lightweight construction and is happy using traditional or hi-tech materials.\* He has a sound understanding of engineering principles and design processes. If he doesn't know something, then he asks for technical advice from microlight experts locally and overseas.

If you value craftsmanship, good communication, efficient project management and fair pricing, then get Bruce onto the job.

**Alpha Outdoors**

[www.flymicro.co.nz](http://www.flymicro.co.nz)  
**027 577 3111**  
[bruce@alphaoutdoors.co.nz](mailto:bruce@alphaoutdoors.co.nz)

24 Watt Road, Otatara RD 9,  
Invercargill 9879



## Services available

### RESTORE + BUILD

- Bring 'classic' microlights back to life
- Complete unfinished homebuilt aircraft projects
- Assemble new microlight kitsets

### REPAIR + MAINTAIN

- Repair damaged airframe, undercarriage, struts & windows
- Carry out CAA directives & factory Service Bulletins
- Remedy faults found by the inspector or pilot

### MODIFY + UPGRADE

- Do recommended factory upgrades
- Design, test & build modifications to improve safety, user-friendliness, economy or weight
- Fit portable avionics, instruments & lights
- Obtain RAANZ approval for modifications

\* Specialising in airframe, undercarriage, controls, instruments & electrics

*Glue, laminate, rivet, bolt, machine, weld, fill & fair, corrosion-proof*

*GRP/composites (incl. honeycomb sandwich & pultrusions); aircraft ply & lightweight timber; aluminium extrusions/sheet; steel/cromoly; polycarbonate, UHMWPE, nylon & flexi-PU plastics; rigid XPS & PU foams; spectra, SS wire & Teleflex cables; sailcloth & polyester fabric; AN, MS & NAS hardware*

I have access to hi-tech materials & aircraft parts from NZ & overseas, qualified engineers/welders, and expert airframe advice

***"invest in quality - you'll never regret it"***

# Is this your plane?

- a classic “rag & tube” microlight sitting neglected in your shed?
- a homebuilt aircraft project that’s taking far too long?
- a new microlight kitset to be assembled?



- windscreen needs replacing?
- damaged cowling, wheel pants or fairings?
- wings re-covered or paintwork seen to?

- crash damaged?
- grounded by the aircraft inspector?
- Service Bulletins to be complied with?



- portable GPS or VHF radio to fit?
- instruments or lights to install?



- factory upgrades to do?
- annoying bits need modified?

Bruce's personal project has been to re-build and modify a 1989 CFM Shadow.

Other interesting **FLY Micro** tasks have included extensive modifications to a GP One carbon-composite LSA, and rebuilding a crashed Parsons tandem gyrocopter. The Bantam, Rans S6, Storch, Williams Mk4, Shadow and Thruster are other aircraft types worked on..

See what else I've been doing by going to the [Projects Blog](#) page on my website.

Owner comments:

*“Bruce, no need to discuss your time taken, I know you have done the best possible. . . . Thanks for all you have done.”* Jeff Bannister, Christchurch (on airframe repairs & upgrades to grounded Shadow)

*“I wouldn't have sold my damaged Shadow to just anyone. Bruce has the skills to fix it properly.”* Murray Hagen, Manapouri (on selling his Shadow re-build project to Bruce)

If you are keen to get quality work done on your microlight,  
then contact **Bruce Conway** at **FLY Micro** [www.flymicro.co.nz](http://www.flymicro.co.nz)

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