

# THE RIGHT STUFF

# THE RIGHT PRICE

## Everything you need to build and fly your homebuilt aircraft.

PERFORMANCE REVIEWS  
BUILDER'S TIPS  
SHOWS & RACES

DESIGN YOUR DREAM MACHINE  
ADD THE ULTIMATE IN  
AVIONICS AND ENGINES



For faster service and the lowest subscription rate  
[www.kitplanes.com](http://www.kitplanes.com) or call 800-622-1065

# KITPLANES

The World's Number One Homebuilt Aircraft Magazine

# 2008 Plans Aircraft Directory

COMPILED BY JULIA DOWN

With all the emphasis on new-generation kitbuilt aircraft—and, sometimes to the gnashing of teeth from the old-school builders in our midst—it might be easy to discount the strong spirit of constructing from scratch that remains. (Few better examples exist than the stunning Sequoia Falco on this month's cover.) For 2008, our Plans Aircraft Directory shows the category to remain vital. Some 164 aircraft designs from 60 companies are represented here, and offer arguably the best chance to create a one-of-a-kind aircraft for as little cash outlay as possible. Starting from scratch is the way our sport got started, and it remains enticing today.

### Key to the Directory Codes

Worap plicable  
Information was not provided  
Retractable gear  
Composite  
Metal  
Wood  
Tubing  
Fabric  
Means the parameters  
of the Light-Sport Aircraft rule

### 2008 Plans Aircraft Directory

#### Danielli, Tiziano Puma Evolution

Cruise, mph 82  
Stall, mph 35  
Aspect Ratio 10:1  
L/D 20:1  
Minimum Sink, fpm 165  
Rate of Climb, fpm 600  
Engine Used Rotax 447

HP/HP Range 40/25-60  
Fuel Capacity, gal. 5  
Empty Gross Weight, lb. 330/330  
Length, ft. 20  
Wingspan, ft. 28.7  
Wing Area, sq. ft. 114  
No. of Seats 1  
Cockpit Width, in. 24  
Landing Gear 10 gear

Wdg. Materials F, W  
Beginner Build Time, hrs. 1000  
No. Completed & Flown 6  
Plans Cost \$380  
Estimated Completed Cost \$48K - \$120K  
[www.vchis.it/puma](http://www.vchis.it/puma)  
BTD 39-445-527929

#### Danielli, Tiziano Puma Motorglider 2005

Cruise, mph 50  
Stall, mph 30  
Aspect Ratio 13:1  
L/D 17:1  
Minimum Sink, fpm 200  
Engine Used Rotax 447  
HP/HP Range 40/25-60

Fuel Capacity, gal. 4  
Empty Gross Weight, lb. 330/330  
Length, ft. 19  
Wingspan, ft. 38  
Wing Area, sq. ft. 125  
No. of Seats 1  
Cockpit Width, in. 23  
Landing Gear 10 gear  
Wdg. Materials F, W

Beginner Build Time, hrs. 1000  
No. Completed & Flown 7  
Plans Cost \$270  
Estimated Completed Cost \$48K - \$120K  
[www.vchis.it/puma](http://www.vchis.it/puma)  
BTD 39-445-527929

#### Danielli, Tiziano Puma Tourer

Cruise, mph 86  
Stall, mph 39  
Aspect Ratio 10:1  
L/D 20:1  
Minimum Sink, fpm 210  
Engine Used Rotax 447  
HP/HP Range 40/25-60

Fuel Capacity, gal. 5  
Empty Gross Weight, lb. 330/330  
Length, ft. 19  
Wingspan, ft. 34.1  
Wing Area, sq. ft. 99  
No. of Seats 1  
Cockpit Width, in. 23  
Landing Gear 10 gear  
Wdg. Materials F, W

Beginner Build Time, hrs. 1000  
No. Completed & Flown 1  
Plans Cost \$380  
Estimated Completed Cost \$48K - \$120K  
[www.vchis.it/puma](http://www.vchis.it/puma)  
BTD 39-445-527929

#### Danielli, Tiziano Puma Twin

Cruise, mph 82  
Stall, mph 43  
Aspect Ratio 13.5:1  
L/D 18:1  
Minimum Sink 240  
Engine Used Rotax 503  
HP/HP Range 45/45-65

Fuel Capacity, gal. 10  
Empty Gross Weight, lb. 490/510  
Length, ft. 20.6  
Wingspan, ft. 41  
Wing Area, sq. ft. 125  
No. of Seats 2  
Cockpit Width, in. 43  
Landing Gear 10 gear  
Wdg. Materials F, W

Beginner Build Time, hrs. 1000  
No. Completed & Flown 2  
Plans Cost \$590  
Estimated Completed Cost \$10K - \$14K  
[www.vchis.it/puma](http://www.vchis.it/puma)  
BTD 39-445-527929

