

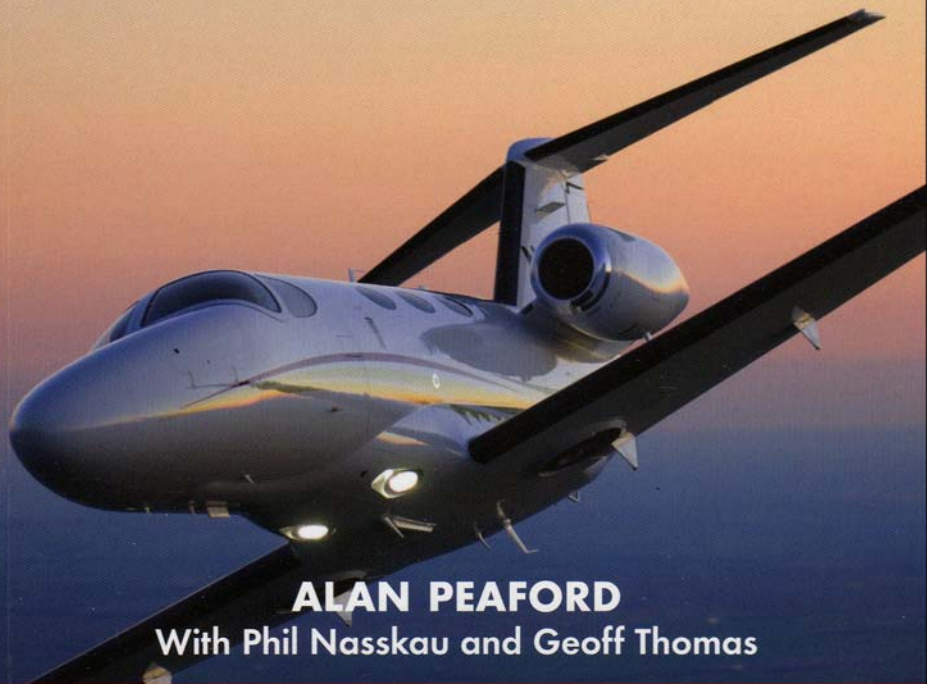


Flight

**Cessna**  
A Textron Company  
COMPLIMENTS OF  
CESSNA AT NBAA

2008 POCKET GUIDE TO

# BUSINESS AIRCRAFT



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SUPPORTED BY *Rockwell  
Collins*



Rolls-Royce

RRP: UK £15;  
US\$30; €20

IN  
DEVELOPMENT

## WORLDWIDE AEROS CORPORATION ML866



**THE** Aerocraft ML866 is just that little bit different to the mainstream ideals of fixed-wing, rotary-wing or even the radical tilt-rotor design that threatens to revolutionise the way we travel on business. Presently there is no hard-set schedule for certification, as the company is still working with the FAA to develop a certification basis for this new type of air transport.

In reality the ML866 is just the beginning as ultimately the company plans to build an enormous cargo version to offer a greener, quicker and perhaps even cheaper form of long-haul freight

forwarding. It could potentially replace conventional container shipping.

The ML866 does look like an airship, but uses partial buoyancy and aerodynamic and propulsive lift. The fundamental lift comes from a dynamic buoyancy system allowing full VTOL operations. Helium is compressed and expanded as required automatically to control the buoyancy of the ML866.

Propulsion would likely be in the form of twin Pratt & Whitney Canada PT6As.

Potentially this vehicle could have its first flight in 2010, but will require external funding to complete the project.

Widebody VIP airliners are perhaps its closest competitors for pure space...

The ML866 would offer around 5,382 square feet (500m<sup>2</sup>) of interior space – whilst only able to manage cruise speeds comfortably of around 120knots (222km/h) the interior space alone could allow for a conference room whilst on the ground and transporting 12 in absolute luxury.

Not just a tool for doing business on the go, but a place to do business when you arrive.

Needless to say that whilst it remains a concept it offers an interesting alternative.

### SPECIFICATION

Length	210'	64m
Width	105'	32m
Height	52' 5"	16m
Cabin Size	5,382 ft <sup>2</sup>	500m <sup>2</sup>
Maximum NBAA IFR Range	2,670nm	5,000km
Maximum Seating	30	
Typical Seating	8 to 12	
Powerplant	2x Pratt & Whitney Canada PT6A	
Maximum Cruise Speed	120ktas	222km/h
Certified Ceiling	12,000 ft	3,657m
Take Off Distance	VTOL	
Landing Distance	VTOL	
Maximum Take Off Weight	34,171 lbs	15,500 kg
Maximum Landing Weight	34,171 lbs	15,500 kg
Useful Load	6,000 lbs	2,722 kg
Price	\$38m-\$50m	€27.79m-€36.57m