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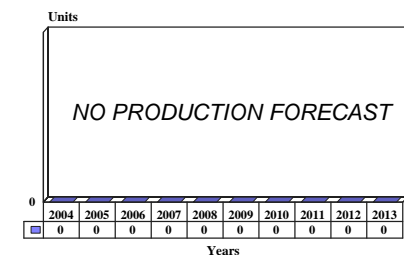
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Century Aerospace Century Jet CA-100 - Archived 6/2005

Outlook

- Mooney Aerospace explored acquisition of program in 2002; no agreement reached
- Revival deemed unlikely; no production forecast

10 Year Unit Production Forecast
2004 - 2013



Orientation

Description. Twin-engined light business jet.

Total Produced. Not applicable.

Sponsor. Privately sponsored by Century Aerospace Corp.

Application. Corporate/executive transport.

Status. Program dormant, according to Century Aerospace. Revival efforts possible.

Price Range. \$2.75 million in 2000 U.S. dollars.

Contractors

Technical Data

Design Features. Low-wing design with metal wing situated on aft fuselage. Composite fuselage of carbonfiber sandwich construction with internal bulkheads and frames. Cabin is pressurized, heated, and air conditioned.

	<u>Metric</u>	<u>U.S.</u>
Dimensions		
Length overall	11.65 m	38.2 ft
Height overall	3.78 m	12.45 ft
Wingspan	12.1 m	39.33 ft
Weight		
Empty weight	1,851 kg	4,080 lb
Max gross weight	3,175 kg	7,000 lb
Max payload	599 kg	1,320 lb
Capacities		
Usable fuel	1,003 kg	2,228 lb

Performance

Max cruise speed	685 kmph	370 kt
Max altitude	13,715 m	45,000 ft
Range, max fuel 45 min reserve	2,778 km	1,500 nm

Propulsion

Century Jet CA-100 (2) Williams-Rolls FJ33-1 turbofans rated 5.34 kN (1,200 lbst) each at takeoff.

Seating

Pilot and five passengers.

Variants/Upgrades

Not applicable.

Program Review

Background. Originally announced in 1996 as a low-cost, high performance jet with operating costs similar to those of a twin piston, the CA-100 was redesigned as a twin in late 1998.

In 2000 the Taiwanese government announced plans for a joint venture with Century. Several Taiwanese firms were to produce components for the CA-100.

In early 2001, Century said it would assemble the aircraft in Macon, Georgia. The company also said that the first CA-100 would not be completed before 2003, as additional financing was required to complete development. In late 2001 the Macon facility closed, and Taiwan’s Ministry of Economic Affairs said its involvement with Century was “suspended.”

Funding

No information available.

Recent Contracts

Not applicable.

Timetable

<u>Month</u>	<u>Year</u>	<u>Major Development</u>
	1993	Design initiated
Jan	1996	Wind tunnel testing begun
Late	1999	Initial wind tunnel testing completed
	2001	Program, company moved to Macon, Georgia
Late	2001	Georgia facility closed, Taiwanese government pulls out of talks

Worldwide Distribution

Not applicable.

Forecast Rationale

Mooney Aerospace Group (formerly AASI of Long Beach, California) was negotiating for the rights to the CA-100 program in 2002, but no agreement was reached.

We view a revival of this program as highly unlikely and are not forecasting its production.

Ten-Year Outlook

No production forecast.

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