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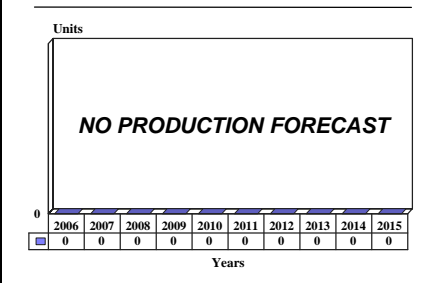
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AvCraft Envoy 3 - Archived 6/2007

Outlook

- Company with another new owner; no further production planned
- One final aircraft completed from stock, delivered in 2005

10 Year Unit Production Forecast 2006 - 2015



Orientation

Description. Corporate/executive transport.

Sponsor. Privately sponsored by Fairchild Dornier; Oberpfaffenhofen, Germany.

Status. Envoy 3 production ended in 2005.

Total Produced. Twenty Envoy 3s produced through 2005.

Application. Corporate/executive transport.

Price Range. Envoy 3, \$14.5 million in 2005 dollars.



Envoy 3

Source: Fairchild Dornier

Contractors

Prime

AvCraft Envoy 3

AvCraft Aviation	http://www.avcraft.com , 803 Sycolin Rd, Suite 204, Leesburg, VA 20197 United States, Tel: + 1 (703) 737-6600, Fax: + 1 (703) 779-8400, Email: info@avcraft.com , Prime
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Subcontractor

Pratt & Whitney Canada	http://www.pwc.ca , 1000 Marie-Victorin Blvd, Longueuil, J4G 1A1 Quebec, Canada, Tel: + 1 (450) 677-9411, Fax: + 1 (450) 647-3620, Email: marketing@pwc.ca (PW306B Engine)
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Contractors are invited to submit updated information to Editor, International Contractors, Forecast International, 22 Commerce Road, Newtown, CT 06470, USA; rich.pettibone@forecast1.com

Technical Data

(Envoy 3)

Design Features. Low-wing transport powered by two underwing-mounted engines. Retractable, tricycle-type landing gear with two wheels per unit.

	<u>Metric</u>	<u>U.S.</u>
Dimensions		
Wingspan	20.98 m	68.8 ft
Length overall	21.28 m	69.75 ft
Height overall	7.24 m	23.75 ft
Weight		
Max TOW	15,200 kg	33,510 lb
Performance		
Max cruise speed	405 kt	405 kt
Typical range(a)	1,660 km	900 nm

Propulsion

Envoy 3	(2)	Pratt & Whitney Canada PW306B high-bypass-ratio turbofan engines rated at 26.8 kN (6,050 lbst) each at takeoff.
Envoy 7	(2)	General Electric CF34-8D3 high-bypass-ratio turbofan engines rated at approximately 60.4 kN (13,575 lbst) each.

(a)Envoy 7 with eight passengers.

Variants/Upgrades

Envoy 3. Corporate jet version of 328JET, typically seating 18 passengers. Optional long-range fuel tanks increase range to 2,000 nautical miles.

Envoy 7. Corporate version of 728, with 16 to 19 passengers. Cruising at Mach 0.8 at 41,000 feet, range is up to 4,200 nautical miles.

Program Review

Background. The Envoy models are versions of Fairchild Dornier's 328JET and 728 regional jets, and

both were launched in the late 1990s. The Envoy 7 typically seats up to 18 passengers and, with optional

AvCraft Envoy 3

long-range fuel tanks fitted, offers ranges up to 2,000 nautical miles.

In 2001, Fairchild Dornier said it would fit winglets to the Envoy 7 to cut drag by 3.6 to 4 percent. This feature is aimed at increasing the internal weight allowance for the executive interior from 2,720 kilograms (6,000 lb) to 3,860 kilograms (8,500 lb), while maintaining a range of 4,000 nautical miles with eight passengers. The Envoy 7 was to fly in 2002, with initial deliveries slated for mid-2004.

Recent Envoy 3 Developments. The program was severely disrupted by Fairchild Dornier's well-publicized troubles, a situation that was only exacerbated when Atlantic Coast Air canceled orders for 32 of the 328JET regional jet models in mid-2002.

Virginia-based aircraft completions and refurbishment company AvCraft acquired the 328JET program in February 2003. The company says that it has found buyers for the 18 "white tails" (completed but unsold aircraft), and that there are serious prospects for more than 100 additional orders.

Significant News

New Owner (Again) – AvCraft went bankrupt in 2005, and UK Corporate Jet Services acquired the company at the end of the year. The new owner will support, repair and overhaul a portion of the current twin-turboprop Fairchild Dornier 328 and fan-powered 328JET/Envoy 3 fleets, but has no plans whatsoever for restarting production. (FI, 1/06)

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Funding

Program originally funded by Fairchild Dornier, subsequently by AvCraft.

Timetable

<u>Month</u>	<u>Year</u>	<u>Major Development</u>
Late	1997	Envoy 3 launched
Oct	1998	Envoy 7 launched
Early	2001	Initial Envoy 3 deliveries
Mid	2002	Production halted
	2005	One aircraft delivered, company enters bankruptcy

Forecast Rationale

UK Corporate Jet Services acquired bankrupt AvCraft Aerospace in December 2005. The new owner will not restart production but will support, repair and overhaul about 220 of the estimated 325 twin-turboprop Fairchild Dornier 328 and fan-powered 328JET/Envoy 3 aircraft in worldwide service.

Although accounts differ as to specific numbers, there are a small number of partially completed 328JETs but at this time it is unclear whether UK Corporate Jet Services acquired them as part of the recent deal.

In any case, there will be no further production of the baseline 328JET or its Envoy 3 corporate derivative.

AvCraft Envoy 3

Ten-Year Outlook

		ESTIMATED CALENDAR YEAR PRODUCTION												
		<u>High Confidence Level</u>				<u>Good Confidence Level</u>				<u>Speculative</u>				<u>Total 06-15</u>
<u>Aircraft</u>	<u>(Engine)</u>	<u>thru 05</u>	<u>06</u>	<u>07</u>	<u>08</u>	<u>09</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>		
AVCRAFT AVIATION														
ENVOY 3	PW306	18	0	0	0	0	0	0	0	0	0	0	0	
Subtotal - AVCRAFT AVIATION		18	0	0	0	0	0	0	0	0	0	0	0	
FAIRCHILD DORNIER														
ENVOY 7	CF34-8D	2	0	0	0	0	0	0	0	0	0	0	0	
Subtotal - FAIRCHILD DORNIER		2	0	0	0	0	0	0	0	0	0	0	0	
Total Production		20	0	0	0	0	0	0	0	0	0	0	0	