AAMVA Webinar

April 7, 2011

Agenda:
• Background – Terrafugia and the Transition®
• Vehicle Specifications
• Issues related to regulation and insurance
• Questions and Answers
Solving the Pilot’s Biggest Problems

• Extreme weather sensitivity
• High ownership costs
• Limited ground mobility at most airports
• Long door-to-door travel time

New freedom for pilots…
History of the Transition®

- 2006
  - 2nd round WT testing
  - Exhibit at Oshkosh ’06; Started reserving airframes

- 2007
  - Development Facility
  - RC Flights
  - Oshkosh ‘07
  - POC Wing

- 2008
  - Plugs
  - Molds
  - 1st Parts

Terrafugia Inc. – www.terrafugia.com
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Property of Terrafugia, Inc.
Low Speed Taxi Testing

Transition® History
Continued…

2008

Oshkosh 2008

Canard Load Testing

Static Wing Loading Test

2009

Museum of Science

Taxi Testing

Flight Testing

High Speed Taxi Testing

Engine On

1st Flight

Terrafugia Inc.

www.terrafugia.com

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6/10/2009
Transition® History
Continued…

2009

1st Flight
Flight Testing

2010

Model validation
Design refinement

Construction Begins…
The Numbers

Specifications

- \( V_h = 100 \text{ kts} \) (115 mph)
- \( V_c = 93 \text{ kts} \) (105 mph)
- \( V_s = 45 \text{ kts} \) (52 mph)
- MTOW = 1430 lbs
- Empty Wt. = 970 lbs
- Useful load = 460 lbs
- Max Range = 425 nmi
- Fuel burn = 5 gph (cruise)
- Driving Mileage = 35 mpg

Dimensions

26' 6"
78"
19' 9"
19' 6"
80"
90"
The Transition®
Interior
Interior
The Transition®
Schedule

- 2007: Full time work began
- 2008: POC Program
- 2009: Prototype Program
- 2010: Tool-up
- 2011: Move to production facility
- 2012: First Flight

Today: First Delivery
Registration etc.

- Registration (auto)
- Title
- Sales/excise tax
- Aircraft registration (taxes)
- Insurance
Richard Gersh
VP - Business Development
Terrafugia, Inc.
23 Rainin Rd
Woburn, MA 01801
richard@terrafugia.com
www.terrafugia.com
(P) 781-491-0812
(F) 781-491-0282
(M) 508-361-5123