



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

Delegation and Airworthiness  
Programs Branch, AIR-140

PO Box 26460  
Oklahoma City, Oklahoma 73125

August 26, 2004

Dear Designated Engineering Representative (DER) and Authorized Representative (AR):

On behalf of the Aircraft Certification Service, the Transport Airplane Directorate, and the Seattle Aircraft Certification Office (ACO), you are invited to participate in the **2004 Seattle ACO DER Recurrent Seminar**.

All seminar sessions will be held at the:

<p><b>Double Tree Hotel Bellevue</b> 300 112<sup>th</sup> Ave. SE Bellevue, WA, 98004-6412 425-455-1300</p>	<p><b>Sessions are scheduled as follows:</b></p> <p>October 19<sup>th</sup> – 8:00 am to 5:15 pm -- Systems &amp; Equipment Session  October 20<sup>th</sup> – 8:00 am to Noon -- General Session  October 20<sup>th</sup> – 1:00 pm to 4:00 pm -- Environmental Control Session</p> <p>October 20<sup>th</sup> --1:00 pm to 5:00 pm -- General Session  October 20<sup>th</sup> – 8:00 am to Noon -- Flight Test Session  October 21<sup>st</sup> – 8:00 am to 4:30 pm -- Cabin Safety Session  October 21<sup>st</sup> – 8:00 am to 2:40 pm -- Structures Session</p>
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A draft agenda showing the recurrent seminar presentation times and topics is attached.

The FAA expects all Active DERs to attend a DER recurrent seminar general session and applicable technical session(s) every two years to maintain DER currency. Failure to attend a DER recurrent seminar may result in the termination of your DER Authorization. If you have questions about attending, contact your FAA advisor.

A limited number of sleeping rooms have been blocked at the Double Tree Hotel at a rate (single or double) of \$136.00 per day, plus tax, for the nights of October 18-21, 2004. Make your hotel reservations by calling (800) 222-TREE, **no later than September 27, 2004**. Be sure to request the group rate for the FAA/DER Seminars. There is a \$3.00 charge for all parking.

Please **FAX** your completed Attendance Request Form to Nancy Gage at **(405) 954-2209**, or **e-mail** your form to **[DER.Seminar.Registration@faa.gov](mailto:DER.Seminar.Registration@faa.gov)**, or **mail** your form to Nancy Gage at AIR-140, P.O. Box 26460, Oklahoma City, OK 73125-0460, **to arrive no later than October 4, 2004**.

If you have questions call Nancy Gage at (405) 954-4774 or Ken Filippelli at (405) 954-1825.

Sincerely,

Ken Filippelli  
DER Recurrent Seminar Program Manager

**Attendance Request Form**  
**2004 Seattle ACO DER Recurrent Seminar**  
**Double Tree Hotel Bellevue**  
**300 112<sup>th</sup> Ave SE, Bellevue, WA 98004**  
**October 19-21, 2004**

**FAX TO:** Nancy Gage at **FAX#** 405-954-2209

**Register me for the following sessions:** *(Mark an X to indicate your choices)*

**RECURRENT SEMINAR SESSIONS for SYSTEMS & EQUIPMENT and ENVIRONMENTAL CONTROLS – October 19<sup>th</sup> and 20<sup>th</sup>**

- \_\_\_\_\_ **SYSTEMS & EQUIPMENT** *(Technical Breakout)*..... 8:00 am to 5:15 pm, October 19<sup>th</sup>  
\_\_\_\_\_ **GENERAL** *(For Systems & Equipment and Environmental Controls DERs)*.. 8:00 am to Noon, October 20<sup>th</sup>  
\_\_\_\_\_ **ENVIRONMENTAL CONTROLS** *(Technical Breakout)*..... 1:00 pm to 4:00 pm, October 20<sup>th</sup>

**RECURRENT SEMINAR SESSIONS for FLIGHT TEST, CABIN SAFETY, and STRUCTURES – October 20<sup>th</sup> and 21<sup>st</sup>**

- \_\_\_\_\_ **FLIGHT TEST** *(Technical Breakout)* ..... 8:00 am to Noon, October 20<sup>th</sup>  
\_\_\_\_\_ **GENERAL** *(For Flight Test, Cabin Safety, and Structures DERs)*..... 1:00 pm to 5:00 pm, October 20<sup>th</sup>  
\_\_\_\_\_ **CABIN SAFETY** *(Technical Breakout)* ..... 8:00 am to 4:30 pm, October 21<sup>st</sup>  
\_\_\_\_\_ **STRUCTURES** *(Technical Breakout)*..... 8:00 am to 2:40 pm, October 21<sup>st</sup>

Name \_\_\_\_\_ My DER Number is: \_\_\_\_\_

I am a:     Consultant DER             Company DER             DER Candidate             Other

\_\_\_\_\_ Please confirm my reservation by phoning me at \_\_\_\_\_

or, e-mailing me at \_\_\_\_\_

\_\_\_\_\_ I plan to stay at the hotel. I will make my sleeping room reservations by September 27, 2004 at the Double Tree Hotel Bellevue (800) 222-TREE and request the special rate of \$136 per day, plus tax, for the 2004 Seattle ACO DER Recurrent Seminar. There is a \$3.00 fee for parking at the hotel.

**Return this completed form by October 4, 2004 by FAX to: (405) 954-2209; by mail to: Nancy Gage, AIR-140, P.O. BOX 26460, Oklahoma City, OK 73125-0460; or by e-mail to: DER.Seminar.Registration@faa.gov .**

## 2004 Seattle ACO RECURRENT SEMINAR AGENDAS

### Systems & Equipment Breakout Session

**October 19, 2004**

Time	Topic	Presenter	Branch
8:00 – 8:10	Introductions & Opening Remarks	Ken Fairhurst	ANM-130S
8:10 – 8:20	Systems & Equipment Branch Organization Overview	Angelos Xidias	ANM-130S
8:20 – 9:20	Pending Rulemaking: Enhanced Airworthiness Program for Airplane Systems (EPAS) – Wire Certification & Maintenance Requirements	Steve Slotte	ANM-111
9:20 – 9:30	<b>BREAK</b>		
9:30 – 10:15	Lightning Protection on Composite Aircraft	Dave Walen	CSTA
10:15 – 10:30	Partnership for Safety Plans (PSP) with the Seattle ACO	Sue Letcher	ANM-150S
10:30 – 10:40	<b>BREAK</b>		
10:40 – 11:45	Software Topics	Varun Khanna, Bob Castonguay, & Will Struck	ANM-130S ANM-111
11:45 – 12:45	<b>LUNCH</b>		
12:45 – 1:30	Policy on Airborne Electronic Hardware	Gregg Bartley	ANM-111
1:30 – 2:00	Conformity 101	Don Kurlle	ANM-150S
2:00 – 2:10	<b>BREAK</b>		
2:10 – 2:20	Use of ARAC (Aviation Rulemaking Advisory Committee) Recommended Rulemaking	Shahram Daneshmandi	ANM-130S
2:20 – 3:20	Highlights of Content in Arsenal Version of AC 25.1309	Jim Treacy	CSTA
3:20 – 3:30	<b>BREAK</b>		
3:30 – 3:50	Review of In-Flight Entertainment (IFE) Policy	Steve Oshiro	ANM-130S
3:50 – 4:20	Wiring Requirements for Fuel Tank Ignition Prevention	George Roussos	ANM-130S
4:20 – 5:00	DER Q&A	Systems Panelists	ANM-130S
5:00	Closing/Adjourn	Ken Fairhurst	ANM-130S

MC: Ken Fairhurst

Panelists: Jeff Morfitt, Sam Slentz, Tony Castillos

## General Recurrent Sessions

**October 20, 2004: 8:00 a.m. – 12:00 Noon and again at 1:00 p.m. – 5:00 p.m.**

### **Morning Session for Systems & Equipment and Environmental Controls DERs**

Time	Topic	Presenter	Branch
8:00 – 8:10	Opening Remarks/Welcome	Jeff Duven	ANM-100S
8:10 – 8:40	Safety Management	Jeff Duven	ANM-100S
8:40 – 9:10	AVR Integration	Phil Forde	ANM-120S
9:10 – 9:35	DER International Roles	Kevin Kendall	AIR-140
9:35 – 9:45	Instructions for Continued Airworthiness	Kevin Kendall	AIR-140
9:45 – 10:00	<b>BREAK</b>		
10:00 – 10:15	EASA Update	Dorr Anderson	ANM-150S
10:15 – 10:30	CPR Update	Gerry Lakin	ANM-113
10:30 – 11:00	Special Conditions, Equivalent Level of Safety Findings, and Exemptions	Steve Edgar	ANM-113
11:00 – 12:00	Lessons Learned from Accidents	Daniel Cheney	ANM-100

M/C: Tamra Lee, ANM-102S

Panelists: Jon Regimbal ANM-140S, Don Eiford ANM-150S, Steve Fox ANM-120S

### **Afternoon Session for Flight Test, Cabin Safety, and Structures DERs**

Time	Topic	Presenter	Branch
1:00 – 1:10	Opening Remarks/Welcome	Jeff Duven	ANM-100S
1:10 – 1:40	Safety Management	Jeff Duven	ANM-100S
1:40 – 2:10	AVR Integration	Phil Forde	ANM-120S
2:10 – 2:35	DER International Roles	Kevin Kendall	AIR-140
2:35 – 2:45	Instructions for Continued Airworthiness	Kevin Kendall	AIR-140
2:45 – 3:00	<b>BREAK</b>		
3:00 – 3:15	EASA Update	Dorr Anderson	ANM-150S
3:15 – 3:30	CPR Update	Gerry Lakin	ANM-113
3:30 – 4:00	Special Conditions, Equivalent Level of Safety Findings, and Exemptions	Steve Edgar	ANM-113
4:00 – 5:00	Lessons Learned from Accidents	Daniel Cheney	ANM-100

M/C: Tamra Lee, ANM-102S

Panelists: Jon Regimbal ANM-140S, Don Eiford ANM-150S, James Rehrl ANM-120S

**2004 Seattle ACO  
RECURRENT SEMINAR AGENDAS**

**Flight Test Breakout Session**

**October 20, 2004**

Time	Topic	Presenter	Branch
8:00 – 8:05	Introduction & Opening Remarks	Tom Archer	ANM-160S
8:05 – 9:00	Transport Airplane Pilot Induced Oscillations Issues and Observations	Eugene Arnold	ANM-160S
9:00 – 10:15	Lancair 400 Spin Testing, Spin Chute Release Failure	Leonard Fox	DER Pilot
10:15 – 10:30	<b>BREAK</b>		
10:30 – 11:00	Compliance with 25.251(b) for External Modifications	Don Stimson	ANM-111
11:00 – 11:30	Transport Airplane Flight Test-Related Policies and Regulations – An Update	Don Stimson	ANM-111
11:30 – 12:00	Q&A		

M/C: Tom Archer

Panelists: Don Wilson, John Neff, Clyde Halstead, Shuan Ripple, Ed Kalano, Ed Morris

**Environmental Control Systems Breakout Session**

**October 20, 2004**

Time	Topic	Presenter	Branch
1:00 – 1:15	Introduction & Opening Remarks	Dorothy Lundy	ANM-150S
1:15 – 1:45	Data Approval Options	Sue Letcher	ANM-150S
1:45 – 2:15	Conformity 101	Don Kurle	ANM-150S
2:15 – 2:30	Smoke Penetration Guidance Relating to New Policy Letter and AC 25-9A	Rick Morris	ANM-150S
2:30 – 2:45	Review of 8110-3 Procedures and Common Mistakes	Jeff Palmer	ANM-150S
2:45 – 3:15	Field Approvals	Marcia Smith	ANM-150S
3:15 – 4:00	Closing and Final Questions	Dorothy Lundy	ANM-150S

M/C: Dorothy Lundy

Panelists: Don Kurle, Rick Morris, Jeff Palmer, Marcia Smith

## Cabin Safety Breakout Session

**Oct. 21, 2004**

Time	Topic	Presenter	Branch
8:00 – 8:10	Introduction & Opening Remarks	Tom Stafford	ANM-150S
8:10 – 8:25	Cabin Safety & Environment Systems- ANM-150	Dorr Anderson	ANM-150S
8:25 – 8:40	Status of Seat Streamlining	J. Piccola	ANM-113S
8:40 – 9:30	Status and Briefing on AC 25-17	J. Claar	ANM-115S
9:30 – 9:45	<b>BREAK</b>		
9:45 – 10:00	Standard Content for Seat Installation Limitations	V. Wicklund	ANM-150S
10:00 – 10:15	Clarification of Design Changes to TSO-Seats	V. Wicklund	ANM-150S
10:15 – 10:30	TC/TSO Seat Issues and Their Resolution	V. Wicklund	ANM-150S
10:30 – 10:45	No Smoking/Fasten Seat Belt Policy	G. Panger	ANM-150S
10:45 – 10:50	737 Type III Exit ELOS	P. Gillespie	ANM-150S
10:50 – 11:00	747 Seat Installation ELOS.	D. Wren	ANM-150S
11:00 – 11:15	<b>BREAK</b>		
11:15 – 11:30	Use of Surrogate Parts When Evaluating Seat Backs	T. Stafford	ANM-150S
11:30 – 11:45	New Door Rule § 25.783 Amdt 25-114, (AC 25.783 Draft)	R. Kaufman	ANM-150S
11:45 – 1:00	<b>LUNCH</b>		
1:00 – 1:15	Insulation Blankets- New Policy	S. Rosanske	ANM-150S
1:15 – 1:30	Transverse Separation- Interior DER Responsibility	G. Panger	ANM-150S
1:30 – 2:00	Interior Compliance Inspection- Alternatives and Checklists	S. Lennon	ANM-150S
2:00 – 2:15	<b>BREAK</b>		
2:15 – 2:30	Certification Plan Expectations (Minimum Requirements)	S. Lennon	ANM-150S
2:30 – 2:45	STC with Zero Passenger Limitations	K. Ladderud	ANM-150S
2:45 – 3:00	DER's, 8110-3 Issues, Appropriate CFR's	K. Ladderud	ANM-150S
3:00 – 3:15	<b>BREAK</b>		
3:15 – 4:00	DER Questions and Answers	D. Wren/D. Crotty/ P. Gillespie	ANM-150S
4:00 – 4:30	Closing/Adjourn	T. Stafford	ANM-150S

M/C: Tom Stafford

Panelists: Victor Wicklund, Bob Kaufman, George Panger, Shannon Lennon

## Structures Breakout Session

**October 21, 2004**

Time	Topic	Presenter	Branch
8:00 – 8:10	Introduction & Opening Remarks	Scott Fung	ANM-120S
8:10 – 8:40	Web ACIP Access	Kip Higginson	ANM-103S
8:40 – 8:50	Dispositioning of conformity UNSATs	Robert Hardwick	ANM-120S
8:50 – 9:00	Becoming a DTA DER	Patrick Safarian	ANM-120S
9:00 – 9:10	<b>BREAK</b>		
9:10 – 10:00	Lightning Protection for Structures	David Walen	ANM-110N
10:00 – 10:10	<b>BREAK</b>		
10:10 – 10:40	DER's, 8110-3 Issues, Appropriate CFR's	Jim Rehl	ANM-120S
10:40 – 11:00	Certification Plan Expectations	Jim Rehl	ANM-120S
11:00 – 11:10	<b>BREAK</b>		
11:10 – 11:40	Field Approvals	Terry Butler-Stoddard	SEA-FSDO
11:40 – 1:00	<b>LUNCH</b>		
1:00 – 1:50	Aerodynamic Loads	John Howford	ANM-105N
1:50 – 2:00	<b>BREAK</b>		
2:00 – 2:30	DER Questions & Answers	SACO Panelists	ANM-120S
2:30 – 2:40	Closing/Adjourn	Daniel Kutz	ANM-120S

M/C: Daniel Kutz

Panelists: Tammy Anderson, Steve Fox, Jim Rehl, Jeff Morfitt