

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

Crew Training Records

OPERATIONAL FACTORS

DCA11MA075

A. ACCIDENT

Operator: Omega Aerial Refueling Services, Inc.
Location: Point Mugu Naval Air Station, California
Date: May 18, 2011
Airplane: Boeing 707-321B, Registration Number: N707AR

B. NATIONAL TRANSPORTATION SAFETY BOARD (NTSB) OPERATIONS GROUP

Captain David Lawrence - Chairman
Senior Air Safety Investigator
National Transportation Safety Board
490 L'Enfant Plaza East S.W.
Washington, DC 20594

Captain John Banitt
B707 Flight Standardization Officer
Omega Air Refueling
700 N. Fairfax Street, Suite 306
Alexandria, Virginia 22314

Mr. Tony James
Air Safety Investigator
Federal Aviation Administration (FAA)
800 Independence Ave. S.W.
Washington, DC 20591

Mr. Michael Coker
Senior Safety Pilot
The Boeing Company
P.O. Box 3707 MC 20-95
Seattle, Washington 98124-2207

C. SUMMARY

On May 18, 2011, at approximately 1727 pm local time (0027 UTC), Omega Air flight 70, a Boeing 707-321B (N707AR), crashed on takeoff at the Point Mugu Naval Air Station¹, Point Mugu, California. The airplane impacted beyond the departure end of runway 21 and was destroyed by post-impact fire. All three flight crewmembers aboard escaped with minor injuries.

¹ Naval Base Ventura County.

D. CREW TRAINING RECORDS

1.0 Captain





CHAPTER 6

B-707 PIC RECURRENT TRAINING
SPECIALTY CURRICULUM

6. B-707 PIC RECURRENT TRAINING

1.1. General

To ensure that flight crewmembers continue to be knowledgeable of, and proficient in, their specific aircraft type and duty assignment. It also provides an opportunity to introduce developments within the operating environment and aviation industry.

1.2. Curriculum Segments and Hourly Breakdown

B-707 RECURRENT TRAINING CURRICULUM PILOT IN COMMAND (PIC)		
CURRICULUM SEGMENTS	HOURS	
GROUND TRAINING • AIRCRAFT SYSTEMS • REVIEW AND EXAMINATION	16:00	
TOTAL GROUND SCHOOL	16:00	
SIMULATOR TRAINING	PAIRED	NOT PAIRED
	2:00 PF	4:00 PF
	2:00 PM	4:00 PM
	TOTAL SIMULATOR TRAINING	4:00
PROFICIENCY CHECK	3:00	
AIRPLANE FLIGHT TRAINING *	1:00	
AIRPLANE PROFICIENCY CHECK *	1:00	

* Required if Proficiency Check conducted in a Level A or B simulator

1.3 Courseware

- | | |
|--------------------------------------|-----------------------------|
| 1. B-707 Operating Manuals | 6. Slide Tape Presentations |
| 2. Core Syllabus | 7. Overhead Projections |
| 3. Cockpit Layout Panels | 8. Handouts |
| 4. Instrument Approach Charts | 9. B-707 Simulator |
| 5. Audio Visual and CD Presentations | |

AUDIT

[Redacted Signature]
AUDITOR

J. Seppano
PRINT NAME

1/8/11
DATE

ORAL PC

AUDIT

[Redacted Signature]
AUDITOR

J. Seppano
PRINT NAME

1/8/11
DATE

ORAL PC



GENERAL TRAINING RECORD

Name	Location	Airplane Type	Class Number	Course Name
Christopher Thurmond	MIA	B-707	OMEGA	PIC Recurrent Training

Ground Training:

	Date:	Hours:		Date:	Hours:
Day One	01-05-2011	B.0	Day Seven		
Day Two	01-06-2011	B.0	Day Eight		
Day Three			Day Nine		
Day Four			Day Ten		
Day Five			Day Eleven		
Day Six			Day Twelve		

Total Hours of Classroom Training: 16.0 Final Exam: Date: 01-06-2011 Grade: 100%

Systems Integration Training (Including Briefing and Debriefing), (if applicable):

	Date:	Hours:		Date:	Hours:
Day One			Day Four		
Day Two			Day Five		
Day Three			Day Six		

Total Hours of SIT Training:

Preflight Inspection Training Completed (if applicable): Date: 01-05-2011

Simulator Training (if applicable):

	Date:	Hours PF:	(if applicable) Hours PNF:	Hours FE:	Hours FE Obsv
Day One	01-07-11	2.00	2.00		
Day Two					
Day Three					
Day Four					
Day Five					
Day Six					
Day Seven					
Day Eight					
Day Nine					
Day Ten					

Total Hours of Simulator Training Completed: 2.0 2.0

Checking:

Oral: Date: 1/8/11 Results: (Pass) (Pass, Fail or Incomplete) PASS

Simulator Checkride Completed: Date: 1/8/11 Results: (Pass) (Pass, Fail or Incomplete) PASS Hours: 3.0

Preflight Inspection Exam Completed: Date: Results: (Pass) (Pass, Fail or Incomplete) Hours:

NOTE 1: This form has been developed for use as a tool for tracking purposes only.
 NOTE 2: It is to be used especially if a customer is requesting use of their forms for documentation.
 NOTE 3: It is not an FAA approved document and therefore not a required document in the student's training record.



PILOT RECURRENT TRAINING AND PROFICIENCY CHECK

LEVEL "A" OR "B" SIMULATOR ONLY

Name	Location	Airplane Type	Class	Course Name
Christopher Thurmond	MIA	B-707	OMEGA	B707 PIC Recurrent Training
GROUND SCHOOL MODULE 1	01-05-11 <small>Date</small>	8.0 <small>Hours</small>	J.M. MEZANO <small>Instructor Print Name and Sign</small>	
GROUND SCHOOL MODULE 2	01-06-11 <small>Date</small>	8.0 <small>Hours</small>	100% <small>Results</small>	J.M. MEZANO <small>Instructor Print Name and Sign</small>

All items must be graded: S – Satisfactory; U – Unsatisfactory; / – Not Completed or Not Applicable; or C – Creditable

(*) Maneuvers creditable if in compliance with 61.58 (e) (3) (i) and (ii); respective box must be filled with "C"

GROUND OPERATIONS	1	2	INFLIGHT MANEUVERS	1	2
EQUIPMENT EXAMINATION (Oral or written)	S	S	STEEP TURNS	S	S
PREFLIGHT INSPECTION	S	S	APPROACHES TO STALLS	S	S
POWERPLANT START	S	S	Takeoff	S	S
(*) TAXIING	S	S	Clean	S	S
PRE-TAKEOFF CHECKS	S	S	Landing	/	S
TAKEOFFS			RECOVERY FROM UNUSUAL ATTITUDES	S	S
(*) NORMAL AND CROSSWIND	S	S	SPECIFIC FLIGHT CHARACTERISTICS	S	S
INSTRUMENT	S	S	POWERPLANT FAILURE	S	S
POWERPLANT FAILURE	S	S	LANDINGS		
REJECTED	S	S	(*) NORMAL AND CROSSWIND	S	S
INSTRUMENT PROCEDURES			(*) FROM AN ILS	S	S
AREA DEPARTURE	S	S	(*) 1 OR 2 ENGINES INOPERATIVE	S	S
HOLDING	S	S	FROM A CIRCLING APPROACH (if required)	/	/
AREA ARRIVAL	S	S	(*) FROM ZERO OR NON STANDARD FLAPS	S	S
ILS APPROACH	S	S	REJECTED	S	S
ILS APPROACH – One engine inoperative	S	S	OTHER		
NON PRECISION <i>LOS</i>	S	S	NORMAL AND ABNORMAL PROCEDURES	S	S
NON PRECISION (other) <i>VOE</i>	S	S	EMERGENCY PROCEDURES	S	S
CIRCLING APPROACH (if required)	/	/	POSTFLIGHT PROCEDURES	S	S
MISSED APPROACH (from an ILS)	S	S	FMS / AFCS (if applicable)	S	S
MISSED APPROACH (other) <i>VOE</i>	S	S	JUDGMENT	S	S
EXTERIOR PREFLIGHT INSPECTION TEST (if required)			RUNWAY SAFETY	S	S
Date	Instructor, TCE or FAA Print Name and Sign		WINDSHEAR TRAINING (if req.)	S	S
			Takeoff	/	/
			After Takeoff	/	/
			Approach	/	/

Module 1 Training	368 <small>Simulator ID</small>	01-07-11 <small>Date</small>	[Signature] <small>Instructor Print Name and Sign</small>
4.0 <small>Training Hours</small>			
Remarks			

Module 2 Proficiency Check	268 <small>Simulator ID</small>	1/8/11 <small>Date</small>	<input checked="" type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY
<input checked="" type="checkbox"/> - FAR Part 61 <input type="checkbox"/> - FAR OTHER <input checked="" type="checkbox"/> - PROFICIENCY IN CIRCLING APPROACHES NOT DEMONSTRATED. FAR 61.58 (e) (2) (i) <input checked="" type="checkbox"/> - I have reviewed the student's information sheet for compliance with FAR 61.58 (e) (3) (i) and (ii)			J. S. [Signature] <small>Instructor, TCE or FAA Print Name and Sign</small>
Remarks <i>MEE JOB</i>			

PAN AM International Flight Academy



Student Personal Information

Student Name: Christopher S THURMOND
 Permanent Address: [REDACTED]
 City: Clatsop State / Country: KS Zip: 66062
 Home Phone No: [REDACTED] Cell Phone No: [REDACTED]
 E-mail: [REDACTED]
 Local Phone Number: Homewood Suites NIA West Room Number: 325
 (If Applicable)
 Citizen of USA: Yes No Place of Birth: Omaha NE
 City and State / Country
 Course: Recurrent Equipment: B707
 (Initial, Transition, Recurrent, etc...) (B737, DC-9, etc...)

Aviation Experience

For level "A" or "B" simulator only (PIC):
 Holds type rating in equipment - FAR 61.58 (e) (3) (i)
 Has performed 3 take-offs and landings in type within the previous 90 days - FAR 61.58 (e) (3) (ii)

CERTIFICATES HELD	NUMBER	COUNTRY	RATINGS
ATP	3290159	USA	A320, B707, BE200

MEDICAL CERTIFICATE Class: 1 Date: 5/2/10

Aircraft	Position Flown	Total Hours	Aircraft	Position Flown	Total Hours
B707	CAPT		T45	CAPT	
BE200	CAPT	1271			
A320	FO				

Copy of the last two pages of the logbook is required for all training that results in a FAA Rating

With my signature, I certify the above information is true and permit Pan Am International Flight Academy to release any information it deems necessary.

[REDACTED]
Signature

1/5/11
Date

KANSAS DL



COMM CLS [REDACTED] N COMM CLS C
 ISS [REDACTED] EXP [REDACTED]
 SEX M HT 6-00 EYES BLU WT 215
 DOB [REDACTED] ENDRS
 ORGAN DONOR ♥

THURMOND CHRISTOPHER JOHN
 1826 S ARROWHEAD DR
 OLAATHE, KS 66082
 PILOT

Chris Thurmond
 LICENSE NUMBER **K02-90-3650**

MEDICAL CERTIFICATE FIRST CLASS

This certifies that [REDACTED] has met the medical standards prescribed in part 17.1 of the Federal Aviation Regulations for this class of Medical Certificate.

Sex	HT	WT	HAIR	COLO	OCUL
M	72"	204	BRN	BLU	BRN

Limitations: None

Date of expiration: 08/22/2011
 Expiration type: [REDACTED]

FAA Form 8560-1 Use Only
 ENC. DR029210
 AME Form 1910, 104-2889

FAA Work Order Report **01/03/2011 11:35 AM**

Status: Revision **Work Order Id:** 5420
Submitted By: Christine Dunn **Submitted At:** 12/15/2010 10:50 AM
Customer Name: Omega Air Refueling **Salesperson:** Christine Dunn
New Customer: **Contact Name:** Ken McNamara
Start Date: 01/05/2011 **Contact Phone:** 410 610 8053
Location: MIA **Contact Email:** [REDACTED]
Comments: B 707 Recurrent course for 2-PIC, 1-FO & 2-FE's **Address:**

Package:

Material:

Equipment: FL-INS-B707-2

Courses:

Name	Location
B707 PIC RECURRENT,PART 61.58	MIA

Students:

Name	Position	Passport	Visa	License	USA	TSAApproval
Banitt, John	Captain	No	No	No	Yes	
CLAMPITT,	Flight Engineer	No	No	No	Yes	
GAINES,	Flight Engineer	No	No	No	Yes	
Hertenstein, Charlie	First Officer	No	No	No	Yes	
Thurmond, Chris	Captain	No	No	No	Yes	

2.0 First Officer





CHAPTER 6

B-707 PIC RECURRENT TRAINING

6. B-707 PIC RECURRENT TRAINING

1.1. General

To ensure that flight crewmembers continue to be knowledgeable of, and proficient in, their specific aircraft type and duty assignment. It also provides an opportunity to introduce developments within the operating environment and aviation industry.

1.2. Curriculum Segments and Hourly Breakdown

B-707 RECURRENT TRAINING CURRICULUM PILOT IN COMMAND (PIC)	
CURRICULUM SEGMENTS	HOURS
GROUND TRAINING	
• AIRCRAFT SYSTEMS	
• REVIEW AND EXAMINATION	
<i>TOTAL GROUND SCHOOL</i>	16:00
SIMULATOR TRAINING	2:00
<i>TOTAL SIMULATOR TRAINING</i>	2:00
PROFICIENCY CHECK	As Required

AUDIT

ADDITOR

T. SCREAW
PRINT NAME

1-15-10
DATE

ORAV/PC

1.3 Courseware

- | | |
|--------------------------------------|-----------------------------|
| 1. B-707 Operating Manuals | 6. Slide Tape Presentations |
| 2. Core Syllabus | 7. Overhead Projections |
| 3. Cockpit Layout Panels | 8. Handouts |
| 4. Instrument Approach Charts | 9. B-707 Simulator |
| 5. Audio Visual and CD Presentations | |



CHAPTER 6

B-707 PIC RECURRENT TRAINING

6. B-707 PIC RECURRENT TRAINING

1.1. General

To ensure that flight crewmembers continue to be knowledgeable of, and proficient in, their specific aircraft type and duty assignment. It also provides an opportunity to introduce developments within the operating environment and aviation industry.

1.2. Curriculum Segments and Hourly Breakdown

B-707 RECURRENT TRAINING CURRICULUM PILOT IN COMMAND (PIC)	
CURRICULUM SEGMENTS	HOURS
GROUND TRAINING	
• AIRCRAFT SYSTEMS	16:00
• REVIEW AND EXAMINATION	
<i>TOTAL GROUND SCHOOL</i>	16:00
SIMULATOR TRAINING	2:00
<i>TOTAL SIMULATOR TRAINING</i>	2:00
PROFICIENCY CHECK	As Required

AUDIT


AUDITOR

J. SORREAN
PRINT NAME

1-15-10
DATE

(DRA/PC)

1.3 Courseware

- | | |
|--------------------------------------|-----------------------------|
| 1. B-707 Operating Manuals | 6. Slide Tape Presentations |
| 2. Core Syllabus | 7. Overhead Projections |
| 3. Cockpit Layout Panels | 8. Handouts |
| 4. Instrument Approach Charts | 9. B-707 Simulator |
| 5. Audio Visual and CD Presentations | |



GENERAL TRAINING RECORD

Name Joseph Robert Becker	Location MIA	Airplane Type B707	Class Number Omega	Course Name PIC Recurrent Training
-------------------------------------	------------------------	------------------------------	------------------------------	--

Ground Training:

	Date:	Hours:		Date:	Hours:
Day One	<u>01-11-10</u>	<u>8.0</u>	Day Seven		
Day Two	<u>01-12-10</u>	<u>8.0</u>	Day Eight		
Day Three	/	/	Day Nine	/	/
Day Four	/	/	Day Ten	/	/
Day Five	/	/	Day Eleven	/	/
Day Six	/	/	Day Twelve	/	/
Total Hours of Classroom Training:		<u>16.0</u>	Final Exam:	<u>Date: 01-12-10</u>	Grade: <u>S</u>

Systems Integration Training (Including Briefing and Debriefing), (if applicable):

	Date:	Hours:		Date:	Hours:
Day One	/	/	Day Four	/	/
Day Two	/	/	Day Five	/	/
Day Three	/	/	Day Six	/	/
Total Hours of SIT Training:					

Preflight Inspection Training Completed (if applicable): Date: _____

Simulator Training (if applicable):

	Date:	Hours PF:	(If applicable) Hours PNF:	Hours FE:	Hours FE Obsv
Day One	<u>01-13-10</u>	<u>2.0</u>	<u>2.0</u>		
Day Two	/	/	/	/	/
Day Three	/	/	/	/	/
Day Four	/	/	/	/	/
Day Five	/	/	/	/	/
Day Six	/	/	/	/	/
Day Seven	/	/	/	/	/
Day Eight	/	/	/	/	/
Day Nine	/	/	/	/	/
Day Ten	/	/	/	/	/
Total Hours of Simulator Training Completed:		<u>2.0</u>	<u>2.0</u>		

Checking:

Oral:	Date: <u>1-15-10</u>	Results: (Pass) Fail or Incomplete) <u>PASS</u>
Simulator Checkride Completed:	Date: <u>1-15-10</u>	Results: (Pass) Fail or Incomplete) <u>PASS</u> Hours: <u>8.0</u>
Preflight Inspection Exam Completed:	Date: <u>N/A</u>	Results: (Pass, Fail or Incomplete) <u>/</u> Hours: <u>/</u>

NOTE 1: This form has been developed for use as a tool for tracking purposes only.
 NOTE 2: It is to be used especially if a customer is requesting use of their forms for documentation.
 NOTE 3: It is not an FAA approved document and therefore not a required document in the student's training record.



PILOT RECURRENT TRAINING AND PROFICIENCY CHECK

Name	Location	Airplane Type	Class Number	Course Name
Joseph Robert Becker	MIA	B707	Omega Air	PIC Recurrent Training

GROUND SCHOOL MODULE 1 01-11-10 8 Hours H. DURAN Instructor Print Name and Sign

GROUND SCHOOL MODULE 2 01-12-10 8 Hours 5 Results H. DURAN Instructor Print Name and Sign

All items must be graded S - Satisfactory or U - Unsatisfactory or I - Not Completed - Not Applicable

	1	2		1	2
Equipment Exam (Oral or Written)	S	S	Missed Approach from an ILS	S	S
Preflight Inspection	S	S	Other	VOR	S
Powerplant Checks	S	S	Non-Precision Approaches VOR	S	S
Taxiing	S	S	LOC	S	S
Takeoff Normal	S	S	Circling (If Req.)	/	/
Instrument	S	S	Other	VIS	S
Crosswind	S	S	Landing Rejected	S	S
Powerplant Failure During Takeoff	S	S	From an ILS	S	S
Rejected Takeoff	S	S	Normal	S	S
Area Departure	S	S	Crosswind	S	S
Area Arrival	S	S	1 or 2 Eng. Inop.	S	S
Holding	S	S	Circling (If Req.)	/	/
Steep Turns (PIC Only)	S	S	Landing from Nonstandard Flap Approach	S	S
Approaches to Stalls Clean	S	S	Normal Procedures	S	S
Takeoff	S	S	Abnormal Procedures	S	S
Landing	/	S	Emergency Procedures	S	S
Recovery from Unusual Attitudes	S	S	Postflight Procedures	S	S
Precision Approaches Coupled	S	S	Windshear Training (if req.) Takeoff	/	/
Flight Director	S	S	After Takeoff	/	/
1 Engine Inoperative	S	S	Approach	/	/
CAT II/III (If Req.)	/	/	FMS/AFCS	S	S
			Judgement	S	S

Module 1 (Training) 268 Simulator ID

40 Training Hours 01-13-10 Date H. DURAN Instructor Print Name and Sign

Remarks ACCOMPLISHED WARM UP MANEUVERS.

Module 2 Proficiency Check 268 Simulator ID

- SATISFACTORY

- UNSATISFACTORY

- FAR Part 61

- FAR OTHER _____

- Aircraft B-707 "PROFICIENCY IN CIRCLING APPROACHES NOT DEMONSTRATED". FAR 61.58 (e) (i).

1-15-10 Date J. SERRANO Instructor, FCE or FAA Print Name and Sign

Remarks Noe job. Landings omitted.



1	D	31	61	91	121	151	191
2	B	32	62	92	122	152	192
3	C	33	63	93	123	153	193
4	C	34	64	94	124	154	194
5	C	35	65	95	125	155	195
6	B	36	66	96	126	156	196
7	C	37	67	97	127	157	197
8	E	38	68	98	128	158	198
9	B	39	69	99	129	159	199
10	D	40	70	100	130	160	200
11	B	41	71	101	131	161	201
12	B	42	72	102	132	162	202
13	D	43	73	103	133	163	203
14	B	44	74	104	134	164	204
15	D	45	75	105	135	165	205
16	A	46	76	106	136	166	206
17	A	47	77	107	137	167	207
18	D	48	78	108	138	168	208
19	A	49	79	109	139	169	209
20	A	50	80	110	140	170	210
21	C	51	81	111	141	171	211
22	E	52	82	112	142	172	212
23	E	53	83	113	143	173	213
24	A	54	84	114	144	174	214
25	A	55	85	115	145	175	215
26		56	86	116	146	176	216
27		57	87	117	147	177	217
28		58	88	118	148	178	218
29		59	89	119	149	179	219
30		60	90	120	150	180	220

Date: 12 JAN 2010

Class No. Recor 707

Name: BECKER / Joseph M
(Last/First)

Company (or Private) OMEGA

EXAM SCORE: 100%

Revision: Original

PAN AM International Flight Academy



Student Information

Student Name: JOSEPH BECKER ID# _____
Citizen of USA [X]Yes []No If No, Country: _____
Permanent Address: _____
MUSTANG OK 73064
Telephone: _____ Cell: _____ e-mail: _____
Local Contact: Embassy Room Number: 1024
(If Applicable)

AVIATION EXPERIENCE

[X] (B-707 Only) 3 Landings Previous 90 days

COURSE: RECURRENT EQUIPMENT: B707
(Initial, Transition, recurrent, etc...) (B737, DC9, etc...)

Certificates and Endorsements: ATP
AIRPLANE MULTI ENGINE LAND
B707, B720, BE-200, DC-10

Total Pilot Hours: _____ Total F/E Hours: _____
Total Turbine Hours: _____ ATP or FPE written completed? YES

[] A Copy of the last page of your logbook is required for all training that results in a FAA Rating.

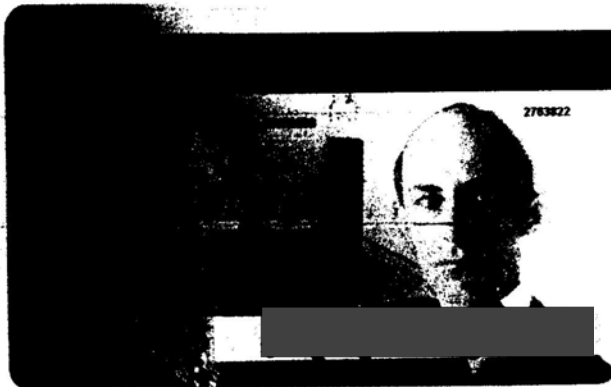
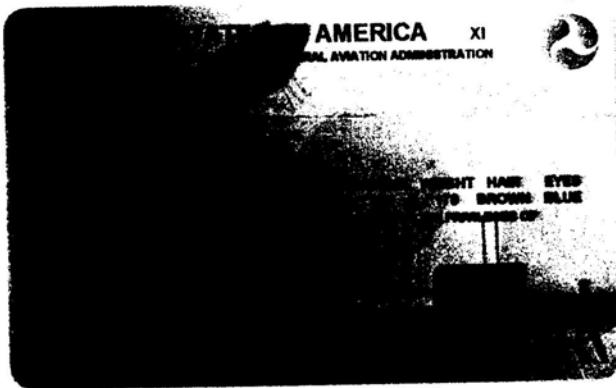
Table with 2 columns: AIRPLANE, HOURS. Multiple empty rows for data entry.

NOTE: Once completed, please send to PAN AM International Flight Academy: P.O. Box 660920, Miami, FL 33266-0920, Fax to (305) 874-6644, or Return to PAIFA's Record Keeper.

With my signature, I certify the above information is true and permit Pan Am International Flight Academy to release any information it deems necessary.

Signature

Date 12 JAN 10



FAA Work Order Report		01/11/2010 10:30 AM															
Status:	Revision	Work Order Id:	3498														
Submitted By:	Christine Dunn	Submitted At:	01/06/2010 05:02 PM														
Customer Name:	Omega Air Refueling	Salesperson:	Christine Dunn														
New Customer:		Contact Name:	Joel Schuster														
Start Date:	01/11/2010	Contact Phone:	file														
Location:	MIA	Contact Email:	[REDACTED]														
Comments:	Boeing 707 Recurrent training for 5 captains, 1 F/O and 2 F/E SEE PAIFA Schedule																
Package:		Address:															
Material:		Courses:															
Equipment:	FL-INS-B707-2	Name	Location														
Students:	<table border="1"> <thead> <tr> <th>Name</th> <th>Position</th> <th>Passport</th> <th>Visa</th> <th>License</th> <th>USA</th> <th>TSAApproval</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Name	Position	Passport	Visa	License	USA	TSAApproval							
Name	Position	Passport	Visa	License	USA	TSAApproval											

<http://travel.paifa.net/PANAMSKED/PanAm/PADesktopModules/HTML.WorkOrderReno> 1/11/2010

3.0 Flight Engineer





CHAPTER 8

B-707 F/E RECURRENT TRAINING
SPECIALTY CURRICULUM

8. B-707 F/E RECURRENT TRAINING

1.1. General

To ensure that flight crewmembers continue to be knowledgeable of, and proficient in, their specific aircraft type and duty assignment. It also provides an opportunity to introduce developments within the operating environment and aviation industry.

1.2. Curriculum Segments and Hourly Breakdown

B-707 RECURRENT TRAINING CURRICULUM FLIGHT ENGINEER (F/E)	
CURRICULUM SEGMENTS	HOURS
GROUND TRAINING	
• AIRCRAFT SYSTEMS	16:00
• REVIEW AND EXAMINATION	
<i>TOTAL GROUND SCHOOL</i>	16:00
SIMULATOR TRAINING	4:00
<i>TOTAL SIMULATOR TRAINING</i>	4:00
PROFICIENCY CHECK	3:00

AUDIT

M. MENDO
PRIN

10-22-2010
DATE

ORAL / PC

1.3 Courseware

- | | |
|--------------------------------------|-----------------------------|
| 1. B-707 Operating Manuals | 6. Slide Tape Presentations |
| 2. Core Syllabus | 7. Overhead Projections |
| 3. Cockpit Layout Panels | 8. Handouts |
| 4. Instrument Approach Charts | 9. B-707 Simulator |
| 5. Audio Visual and CD Presentations | |



GENERAL TRAINING RECORD

Name Kenneth Mc Namara	Location MIA	Airplane Type B-707	Class Number Omega	Course Name FE Recurrent Training
----------------------------------	------------------------	-------------------------------	------------------------------	---

Ground Training:

	Date:	Hours:		Date:	Hours:
Day One	<u>10-19-10</u>	<u>8.0</u>	Day Seven		
Day Two	<u>10-20-10</u>	<u>8.0</u>	Day Eight	<u>/</u>	<u>/</u>
Day Three			Day Nine	<u>/</u>	<u>/</u>
Day Four			Day Ten		
Day Five			Day Eleven		
Day Six			Day Twelve		
Total Hours of Classroom Training: <u>16.0</u>			Final Exam: Date: <u>10-20-10</u> Grade: <u>5</u>		

Systems Integration Training (Including Briefing and Debriefing), (if applicable):

	Date:	Hours:		Date:	Hours:
Day One			Day Four		
Day Two	<u>/</u>	<u>/</u>	Day Five	<u>/</u>	<u>/</u>
Day Three			Day Six	<u>/</u>	<u>/</u>
Total Hours of SIT Training: _____					

Preflight Inspection Training Completed (if applicable): Date: 10-20-10

Simulator Training (if applicable):

	Date:	Hours PF:	(If applicable) Hours PNF:	Hours FE:	Hours FE Obsv
Day One	<u>10-21-2010</u>	<u>/</u>	<u>/</u>	<u>4.0</u>	<u>/</u>
Day Two					
Day Three					
Day Four					
Day Five					
Day Six					
Day Seven					
Day Eight					
Day Nine					
Day Ten					
Total Hours of Simulator Training Completed: <u>/</u> <u>/</u> <u>4.0</u> <u>/</u>					

Checking:

Oral: Date: 10-22-2010 Results: (Pass/Fail or Incomplete) Pass

Simulator Checkride Completed: Date: 10-22-2010 Results: (Pass, Fail or Incomplete) Pass Hours: 3.0

Preflight Inspection Exam Completed: Date: 10-20-2010 Results: (Pass, Fail or Incomplete) Pass Hours: /

NOTE 1: This form has been developed for use as a tool for tracking purposes only.
 NOTE 2: It is to be used especially if a customer is requesting use of their forms for documentation.
 NOTE 3: It is not an FAA approved document and therefore not a required document in the student's training record.



FLIGHT ENGINEER TRAINING AND PROFICIENCY CHECK

Name	Location	Airplane Type	Class	Course Name
Kenneth Mc Namara	MIA	B-707	Omega	FE Recurrent Training

GROUND SCHOOL MODULE 1 10-19-10 8.0 H. DURAN
Date Hours Instructor Print Name and Sign

GROUND SCHOOL MODULE 2 10-20-10 8.0 100% H. DURAN
Date Hours Results Instructor Print Name and Sign

All items must be graded S - Satisfactory or U - Unsatisfactory or / - Not Completed - Not Applicable

DEPARTURE / CRUISE / LANDING	1	2
Equipment Exam (Oral or Written)	/	S
Performance Computations	S	S
Cockpit Preparation	S	S
Start / Taxi	S	S
Takeoff and Climb	S	S
Cruise	S	S
Descent / Holding	S	S
Landing / Taxi / Parking	S	S

ABNORMAL / EMERGENCY	1	2
Engine Starts	S	S
APU Fire	/	/
Electrical Failure	S	S
Essential Power Failure	S	S
Engine Fire / Failure	S	S
Fuel Jettison	S	S
Wheel Well Fire (if applicable)	/	/
Rapid Depressurization	S	S
Emergency Descent	S	S
Hydraulic Failure	S	S
Alternate Gear Operation	S	S
Alternate Flap Operation	S	S
Inoperative Engine(s) Procedures	S	S
Evacuation	S	S
Other (RTO / EMER. BRKES)	S	S
GENERAL		
Windshear (If applicable)	/	/
Use of Checklists	S	F
CRM	S	F
Judgment	S	S

NORMAL PROCEDURES / LIMITATIONS	1	2
Air Conditioning / Pressurization	S	S
APU	/	/
Electrical	S	S
Fire Protection	S	S
Flight Controls	S	S
Fuel Management	S	S
Hydraulics	S	S
Ice & Rain Protection	S	S
Landing Gear & Brakes	S	S
Powerplant & Bleed Air	S	S
Pressurization	S	S

Exterior Preflight Inspection Test 10-20-2010 M. MERINO
Date Instructor, TCE or FAA Print Name and Sign

Module 1 Training 268 10-21-2010 H. MERINO
Simulator ID Date Instructor Print Name and Sign

Training Hours 4.0

Remarks RECOMMENDED FOR P.C.

Module 2 Proficiency Check 268 - SATISFACTORY
Simulator ID

- FAR Part 63 - UNSATISFACTORY

- FAR OTHER _____

10/22/2010 J.M. MERINO
Date Instructor, TCE or FAA Print Name and Sign

Remarks Observed by FAA Armando Lopez



ANSWER SHEET

Course Evaluation Quiz

1	D	31	61	91	121	151	191
2	B	32	62	92	122	152	192
3	C	33	63	93	123	153	193
4	C	34	64	94	124	154	194
5	C	35	65	95	125	155	195
6	B	36	66	96	126	156	196
7	C	37	67	97	127	157	197
8	E	38	68	98	128	158	198
9	B	39	69	99	129	159	199
10	E	40	70	100	130	160	200
11	B	41	71	101	131	161	201
12	B	42	72	102	132	162	202
13	D	43	73	103	133	163	203
14	B	44	74	104	134	164	204
15	D	45	75	105	135	165	205
16	A	46	76	106	136	166	206
17	A	47	77	107	137	167	207
18	D	48	78	108	138	168	208
19	A	49	79	109	139	169	209
20	A	50	80	110	140	170	210
21	C	51	81	111	141	171	211
22	E	52	82	112	142	172	212
23	E	53	83	113	143	173	213
24	B	54	84	114	144	174	214
25	A	55	85	115	145	175	215
26		56	86	116	146	176	216
27		57	87	117	147	177	217
28		58	88	118	148	178	218
29		59	89	119	149	179	219
30		60	90	120	150	180	220

NAME: McNamara Kenneth DATE: 10/20/2010
(Last, First)

CLASS #: Recurrent

COMPANY (or Private): DARS

Aircraft Type: B707

EXAM SCORE: 100%

FOLDER AUDIT

ITEM	N/A	OK	COMMENTS
Work Order		X	
TSA Approval		X	US
Passport		X	
License		X	
Medical	X		
Log Page	X		
LOA	X		
8710	X		
Faa Written Exam Results	X		
Temporary License	X		
Student Information		X	

NOTES TO INSTRUCTOR



Student Personal Information

Student Name: Keneth K. McNamara
 Permanent Address: [Redacted]
 City: Bella Vista State / Country: AR Zip: 72715
 Home Phone No: [Redacted] Cell Phone No: [Redacted]
 E-mail: [Redacted]
 Local Phone Number: Embassy Ste [Redacted] Room Number: [Redacted] (If Applicable)
 Citizen of USA: Yes No Place of Birth: Chicago, IL, USA City and State / Country
 Course: Recurrent Equipment: B707
(Initial, Transition, Recurrent, etc...) (B737, DC-9, etc...)

Aviation Experience

For level "A" or "B" simulator only (PIC):
 Holds type rating in equipment - FAR 61.58 (e) (3) (I)
 Has performed 3 take-offs and landings in type within the previous 90 days - FAR 61.58 (e) (3) (II)

CERTIFICATES HELD	NUMBER	COUNTRY	RATINGS
A+P Mechanic	2896510	US	A+P
Pilot	"		Instrument
Flight Engineer	"		turbojet

MEDICAL CERTIFICATE Class: II Date: 4/19/2010

Aircraft	Position Flown	Total Hours	Aircraft	Position Flown	Total Hours
B707	FE	10000			
DC 10	FE	2500			
B747	FE	3000			

Copy of the last two pages of the logbook is required for all training that results in a FAA Rating

With my signature, I certify the above information is true and permit Pan Am International Flight Academy to release any information it deems necessary.

[Redacted Signature]
 Signature

10/19/2010
 Date



Nubia L. Acosta

From: Christine Dunn
Sent: Monday, September 13, 2010 3:11 PM
To: Ken McNamara
Cc: Nubia L. Acosta; Von Lippke, Carmen
Subject: Copy of Work Order...

FAA Work Order Report 09/13/2010 03:09 PM

FAA Work Order Report 09/13/2010 03:09 PM

Status: Revision
Submitted By: Christine Dunn
Customer Name: Omega Air Refueling
New Customer:
Start Date: 10/19/2010
Location: MIA
Comments: 707 Rec't CREW--- 16 hrs G/S -- 4 hrs FFS warm up -- 6 hrs PIC+PIC checks w/ TCE-- 3 hrs FE Checks w/ TCE

Work Order Id: 4700
Submitted At: 09/13/2010 03:07 PM
Salesperson: Christine Dunn
Contact Name: Ken McNamara
Contact Phone: 410 610 8053
Contact Email: [REDACTED]
Address: file

Package:
Material: Loaners

Equipment:
FL-INS-B707-2

Courses:	
Name	Location
B707 FE RECURRENT, PART 91.529	MIA
B707 PIC RECURRENT, PART 61.58	MIA

Students:						
Name	Position	Passport	Visa	License	USA	TSA Approval
GRONES, Royce	Captain	No	No	No	Yes	
MOLYNEAUX, Gawen (Jay)	Captain	No	No	No	Yes	
PICCONI, Nicholas	Flight Engineer	No	No	No	Yes	

.....
Payment Information:
Payment Type: Course Amount: 7175.00
 Amount Paid: 0
 Balance Due: 7175.00
 Comments:

9/14/2010