

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

Attachment 25- N707AR Airworthiness

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



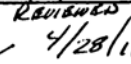
On May 18, 2011, at approximately 1727 pm local time (0027 UTC), Omega Air flight 70, a Boeing 707-321B (N707AR), crashed on takeoff at the Point Mugu Naval Air Station¹, Point Mugu, California. The airplane impacted beyond the departure end of runway 21 and was destroyed by post-impact fire. All three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

¹ Naval Base Ventura County.

D. N707AR AIRWORTHINESS

FAA FORM 8130-6, APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE

Form Approved
O.M.B. No. 2120-0018

 U.S. Department of Transportation Federal Aviation Administration		APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE		INSTRUCTIONS - Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use attachment. For special flight permits complete Sections II, VI and VII as applicable.																											
I. AIRCRAFT DESIGNATION	1. REGISTRATION MARK N707AR	2. AIRCRAFT BUILDER'S NAME (Make) Boeing Airplane Company	3. AIRCRAFT MODEL DESIGNATION 707-321B	4. YR. MFR. 1969	FAA CODING																										
	5. AIRCRAFT SERIAL NO. 20029	6. ENGINE BUILDER'S NAME (Make) Pratt & Whitney	7. ENGINE MODEL DESIGNATION JT3D-3B																												
	8. NUMBER OF ENGINES 4	9. PROPELLER BUILDER'S NAME (Make) N/A	10. PROPELLER MODEL DESIGNATION N/A	11. AIRCRAFT IS (Check if applicable) IMPORT																											
APPLICATION IS HEREBY MADE FOR: (Check applicable items)																															
A 1 STANDARD AIRWORTHINESS CERTIFICATE (Indicate Category) <table border="1" style="display: inline-table; margin-left: 20px;"> <tr> <td>NORMAL</td> <td>UTILITY</td> <td>ACROBATIC</td> <td>TRANSPORT</td> <td>COMBATER</td> <td>BALLOON</td> <td>OTHER</td> </tr> </table>								NORMAL	UTILITY	ACROBATIC	TRANSPORT	COMBATER	BALLOON	OTHER																	
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B X SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)																															
7 PRIMARY																															
9 LIGHT-SPORT (Indicate Class) <table border="1" style="display: inline-table; margin-left: 20px;"> <tr> <td>AIRPLANE</td> <td>POWER-PARACHUTE</td> <td>WEIGHT-SHIFT-CONTROL</td> <td>GLIDER</td> <td>LIGHTER THAN AIR</td> </tr> </table>								AIRPLANE	POWER-PARACHUTE	WEIGHT-SHIFT-CONTROL	GLIDER	LIGHTER THAN AIR																			
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C 6 MULTIPLE AIRWORTHINESS CERTIFICATE (check ABOVE "Restricted Operator" and "Standard" or "Limited" as applicable)																															
III. OWNER'S CERTIFICATION																															
A. REGISTERED OWNER (As shown on certificate of aircraft registration)				IF DEALER, CHECK HERE																											
NAME Omega Air Inc.				ADDRESS Building 92, 9023 Wetmore Road San Antonio, Texas 78216																											
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)																															
AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) X 4A26 Revision 11				AIRWORTHINESS DIRECTIVES (Check if all applicable AD's are complied with and give the number of the last AD COMPLIANT applicable in the block as of the date of application) X BI-weekly 2011-08																											
AIRCRAFT LISTING (Give page number(s)) N/A				SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) X SA2699NM, SA3500SW, ST00888LA, ST09234SC																											
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS																															
CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR Section 91.417 X		TOTAL AIRFRAME HOURS 47,790 hrs.		EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) 3 95 hrs. 56 min.																											
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101, et seq. and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.																															
DATE OF APPLICATION 21 APR 2011		NAME AND TITLE (Print or type) Kevin O'Neill, Quality Director of			SIGNATURE 																										
IV. INSPECTION AGENCY VERIFICATION																															
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete the section only if 14 CFR part 21.183(b) applies.																															
2 14 CFR part 121 CERTIFICATE HOLDER (Give Certificate No.)		3 CERTIFICATED MECHANIC (Give Certificate No.)		6 CERTIFICATED REPAIR STATION (Give Certificate No.)																											
5 AIRCRAFT MANUFACTURER (Give name or firm)																															
DATE		TITLE			SIGNATURE																										
V. FAA REPRESENTATIVE CERTIFICATION																															
(Check ALL applicable block items A and B)																															
A. I find that the aircraft described in Section I or IV meets requirements for				X THE CERTIFICATE REQUESTED																											
B. Inspection for a special permit under Section VII was conducted by:				4 AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE																											
DATE 21 APR 2011		DISTRICT OFFICE Orlando FSDO-15		DESIGNEE'S SIGNATURE AND NO. Sammy K. Hanson DART-703007-SO		FAA INSPECTOR'S SIGNATURE  4/28/11																									

FAA Form 8130-6 (10-04) Previous Edition Dated 5/01 May be Used Until Depleted, Except for Light-Sport Aircraft

NSN: 0052-00-024-7006

Accepted RJ May/13/2011

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS (Check applicable item)			
	PRODUCTION CERTIFICATE (Give production certificate number)		→	
	TYPE CERTIFICATE ONLY			
	APPROVED PRODUCTION INSPECTION SYSTEM			
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS			
	DATE OF APPLICATION	NAME AND TITLE (Print or Type)	SIGNATURE	
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT			
	REGISTERED OWNER		ADDRESS	
	BUILDER (Make)		MODEL	
	SERIAL NUMBER		REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT			
	FROM		TO	
	VIA		DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	PILOT	CO-PILOT	FLIGHT ENGINEER	OTHER (Specify)
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:			
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: (Use attachment if necessary)				
F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.				
DATE	NAME AND TITLE (Print or Type)	SIGNATURE		
VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	X	A. Operating Limitations and Markings in Compliance with 14 CFR Section 91.9, as applicable.	X	G. Statement of Conformity, FAA Form 8130-9 (Attach when required)
	X	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)
	X	C. Data, Drawings, Photographs, etc. (Attach when required)		I. Previous Airworthiness Certificate Issued in Accordance with 14 CFR Section 21.195(c) CAR _____ (Original Attached)
	X	D. Current Weight and Balance Information Available in Aircraft	X	J. Current Airworthiness Certificate Issued in Accordance with 14 CFR Section 21.195(c) _____ (Copy Attached)
		E. Major Repair and Alteration, FAA Form 337 (Attach when required)		K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 (Attach when required)
	X	F. This Inspection Recorded in Aircraft Records		

FAA Form 8130-6 (10-04) Previous Edition Dated 5/01 May be Used Until Depleted, except for Light-Sport Aircraft

NSN: 0052-00-024-7006

DUPLICATE

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION SPECIAL AIRWORTHINESS CERTIFICATE		
A	CATEGORY/DESIGNATION EXPERIMENTAL	
	PURPOSE MARKET SURVEYS	
B	MANUFACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N- 707AR	SERIAL NO. 20029
	BUILDER Boeing Airplane Company	MODEL 707-321B
E	DATE OF ISSUANCE 21 APR 2011	EXPIRY 19 JUL 2011
	OPERATING LIMITATIONS DATED 21 APR 2011	ARE/PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Sammy K. Hanson	DESIGNATION OR OFFICE NO. DART-703007-S0
<p>Any alteration, reproduction or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE TITLE 14, CODE OF FEDERAL REGULATIONS (CFR).</p>		

FAA Form 8130-7 (07/04)

SEE REVERSE SIDE

NSN: 0052-00-693-4000

A	This airworthiness certificate is issued under the authority of Public Law 104-6, 49 United States Code (USC) 44704 and Title 14 Code of Federal Regulations (CFR).
B	The airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire; and/or (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable CFR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable CFR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
E	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in 14 CFR, Part 21, Section 21.181 or 21.217.

DUPLICATE

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION SPECIAL AIRWORTHINESS CERTIFICATE		
A	CATEGORY/DESIGNATION EXPERIMENTAL	
	PURPOSE MARKET SURVEYS	
B	MANUFACTURER	NAME
		ADDRESS
C	FLIGHT	FROM
		TO
D	N- 707AR	SERIAL NO. 20029
	BUILDER Boeing Airplane Company	MODEL 707-321B
E	DATE OF ISSUANCE 21 APR 2011	EXPIRY 19 JUL 2011
	OPERATING LIMITATIONS DATED 21 APR 2011	ARE PART OF THIS CERTIFICATE
E	SIGNATURE OF FAA REPRESENTATIVE <i>[Signature]</i> Sammy K. Hanson	DESIGNATION OR OFFICE NO. DART-703007-S0

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FAA Form 8130-7 (07/04) SEE REVERSE SIDE NSN: 0052-00-693-4000

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION SPECIAL AIRWORTHINESS CERTIFICATE		
A	CATEGORY/DESIGNATION EXPERIMENTAL	
	PURPOSE MARKET SURVEYS	
B	MANUFACTURER	NAME
		ADDRESS
C	FLIGHT	FROM
		TO
D	N- 707AR	SERIAL NO. 20029
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E	DATE OF ISSUANCE 21 APR 2011	EXPIRY 19 JUL 2011
	OPERATING LIMITATIONS DATED 21 APR 2011	ARE PART OF THIS CERTIFICATE
E	SIGNATURE OF FAA REPRESENTATIVE <i>[Signature]</i> Sammy K. Hanson	DESIGNATION OR OFFICE NO. DART-703007-S0

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FAA Form 8130-7 (07/04) SEE REVERSE SIDE NSN: 0052-00-693-4000



U.S. Department
of Transportation
Federal Aviation
Administration

FAA ORLANDO FSDO-15
5950 HAZELTINE NATIONAL DRIVE
CITADEL INTERNATIONAL, SUITE 500
ORLANDO, FLORIDA 32822-5023

EXPERIMENTAL OPERATING LIMITATIONS
MARKET SURVEYS

MAKE: Boeing Airplane Company REGISTRATION NUMBER: N707AR
MODEL: 707-321B SERIAL NUMBER: 20029
ISSUED: 21 APR 2011 EXPIRES: 19 JUL 2011

1. Prior to any government contract operations, this aircraft must be declared a "Public Aircraft" by log book entry. The operator must determine that the aircraft is in a condition for safe operation and appropriate for the purpose intended prior to making this "Public Aircraft Declaration".
2. These operating limitations dated 21 APR 2011, are part of the Special Airworthiness Certificate in the category of EXPERIMENTAL "MARKET SURVEYS" issued to the aircraft described above and must be displayed at the cabin or cockpit entrance in accordance with 14 CFR § 91.203.
3. No person may operate this aircraft unless FAA Form 8130-7 is displayed at the cabin or cockpit entrance and visible to passengers or flightcrew members.
(1) ORDER 8130.2G 8/31/2010
4. No person may operate this aircraft for other than the purpose of R & D, showing compliance with regulations, crew training, market surveys, or operating kit-built aircraft, to accomplish the flight operation outlined in the program letter dated 21 APR 2011, which describes compliance with 14 CFR § 21.193(d), and has been made available to the pilot in command of the aircraft. In addition, this aircraft must be operated in accordance with applicable air traffic and general operating rules of 14 CFR part 91, and all additional limitations herein prescribed under the provisions of 14 CFR § 91.319(i).
(2) ORDER 8130.2G 8/31/2010

page 1 of 8

SKH/KCF/8130.2G/8/31/2010/AR/MS



U.S. Department
of Transportation
Federal Aviation
Administration

FAA ORLANDO FSDO-15
5950 HAZELTINE NATIONAL DRIVE
CITADEL INTERNATIONAL, SUITE 500
ORLANDO, FLORIDA 32822-5023

REGISTRATION NUMBER: N707AR

ISSUED: 21 APR 2011

EXPIRES: 19 JUL 2011

10. The pilot in command of this aircraft must hold an appropriate category/class rating. If required for the type of aircraft to be flown, the pilot in command also must hold either an appropriate type rating or an LOA issued by an FAA Flight Standards Operations Inspector. (8) ORDER 8130.2G 8/31/2010
11. This aircraft is to be operated under VFR, day only. (9) ORDER 8130.2G 8/31/2010 (NOT APPLICABLE)
12. This aircraft may be operated under VFR, day and/or night. (10) ORDER 8130.2G 8/31/2010
13. This aircraft may be operated under IFR, and must be properly equipped for instrument flight in accordance with 14 CFR § 91.205. (11) ORDER 8130.2G 8/31/2010
14. No person may operate this aircraft for carrying persons or property for compensation or hire. (12) ORDER 8130.2G 8/31/2010
Note: This limitation is excluded when this aircraft is being operated under a "Public Aircraft Declaration".
15. No person may be carried in this aircraft during flight unless that person is essential to the purpose of the flight. (13) ORDER 8130.2G 8/31/2010 (NOT APPLICABLE)
16. Persons may be carried in accordance with [describe the PC holder's approved operating procedure, for example, ABC Aircraft Co. Experimental Operating Procedure No. 12 (dated)]. (14) ORDER 8130.2G 8/31/2010 (NOT APPLICABLE)
17. Crew training and checking is authorized.
18. The pilot in command of this aircraft must advise each passenger of the experimental nature of this aircraft, and explain that it does not meet the certification requirements of a standard certificated aircraft. (15) ORDER 8130.2G 8/31/2010

page 3 of 8

SKHKCFB130.2G/B/01/2010/AR/MS



U.S. Department
of Transportation
**Federal Aviation
Administration**

**FAA ORLANDO FSDO-15
5950 HAZELTINE NATIONAL DRIVE
CITADEL INTERNATIONAL, SUITE 500
ORLANDO, FLORIDA 32822-5023**

REGISTRATION NUMBER: N707AR

ISSUED: 21 APR 2011

EXPIRES: 19 JUL 2011

19. This aircraft must contain the placards, markings, etc., (or other operating instructions developed for an STC modification) required by 14 CFR § 91.9. See attached list of supplemental manuals (latest revision). (16) ORDER 8130.2G 8/31/2010
20. This aircraft is prohibited from aerobatic flight, that is, an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration not necessary for normal flight. (17) ORDER 8130.2G 8/31/2010
21. This aircraft may conduct aerobatic flight in accordance with 14 CFR § 91.303. Aerobatics must not be attempted until sufficient flight experience has been gained to establish that the aircraft is satisfactorily controllable and in compliance with 14 CFR § 91.319(b). Aerobatic maneuvers intended to be performed must be satisfactorily accomplished and recorded in the aircraft records during the flight test period. (18) ORDER 8130.2G 8/31/2010 (NOT APPLICABLE)
22. The cognizant MIDO or FSDO must be notified, and its response received in writing, prior to flying this aircraft after incorporation of a major change as defined by 14 CFR § 21.93. (19) ORDER 8130.2G 8/31/2010
23. This aircraft must not be used for glider towing, banner towing, or intentional parachute jumping. (20) ORDER 8130.2G 8/31/2010
24. No person must operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with the scope and detail of 14 CFR part 43, appendix D, or other FAA-approved programs, and was found to be in a condition for safe operation. This inspection will be recorded in the aircraft maintenance records. (21) ORDER 8130.2G 8/31/2010
25. FAA-certificated repair stations and FAA-certificated mechanics with appropriate ratings as authorized by 14 CFR § 43.3 may perform inspections required by these operating limitations. (22) ORDER 8130.2G 8/31/2010

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SKH/KCF/8130.2G/8/31/2010/AR/MS



U.S. Department
of Transportation
**Federal Aviation
Administration**

**FAA ORLANDO FSDO-15
5950 HAZELTINE NATIONAL DRIVE
CITADEL INTERNATIONAL, SUITE 500
ORLANDO, FLORIDA 32822-5023**

REGISTRATION NUMBER: N707AR

ISSUED: 21 APR 2011

EXPIRES: 19 JUL 2011

- 32. Aircraft instruments and equipment installed and used under 14 CFR § 91.205 must be inspected and maintained in accordance with the requirements of 14 CFR parts 43 and 91. Any maintenance or inspection of this equipment must be recorded in the aircraft maintenance records. (29) ORDER 8130.2G 8/31/2010**
- 33. Application must be made to the geographically responsible FSDO or MIDO ORLANDO FSDO-15, for any revision to these operating limitations. (30) ORDER 8130.2G 8/31/2010**
- 34. The special airworthiness certificate and attached operating limitations for this aircraft will expire on 19 JUL 2011 . However, when an aircraft base of operation is changed or there is transfer of ownership, the new owner/operator will provide the local MIDO or FSDO with a copy of the approved inspection program, identifying the person responsible for scheduling and performing the inspections as well as the requested proficiency areas. 14 CFR § 47.45 requires that the FAA Aircraft Registry must be notified within 30 days of any change in the aircraft registrant's address. Such notification is to be made by submitting Aeronautical Center Form 8050-1 to AFS-750 in Oklahoma City, Oklahoma. (31) ORDER 8130.2G 8/31/2010**
- 35. Condition inspections must be performed in accordance with 14 CFR part 43, appendix D at least every 100 flight hours. The inspections must be performed by an FAA-certificated mechanic with appropriate ratings as defined in 14 CFR § 43.3. (32) ORDER 8130.2G 8/31/2010 (NOT APPLICABLE).**
- 36. Familiarization flights must be conducted only over sparsely populated areas. If aerobatics are involved, the applicant must inform the local FAA office and additional limitations may be imposed as necessary. (33) ORDER 8130.2G 8/31/2010 (NOT APPLICABLE)**

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SKH/KCF/8130.2G/8/31/2010/AR/MS



U.S. Department
of Transportation
Federal Aviation
Administration

FAA ORLANDO FSDO-15
5950 HAZELTINE NATIONAL DRIVE
CITADEL INTERNATIONAL, SUITE 500
ORLANDO, FLORIDA 32822-5023

REGISTRATION NUMBER: N707AR
ISSUED: 21 APR 2011 EXPIRES: 19 JUL 2011

37. Air to air refueling is authorized. All applicable manuals, manual supplements and pertinent documents must be used and followed. All changes to the aircraft configuration, to include conversion from transport category to tanker air to air refueling configuration or returning the aircraft to transport category from tanker air to air refueling configuration require a record entry be made by an appropriately rated person. The entry must include a description of the aircraft configuration changes and the specific documents used to make these configuration changes, the aircraft total time in service, the aircraft total cycles, recording of any air to air refueling activity hours, hose reel cycles, quantity of fuel transferred, or any additional data which would be required by the maintenance inspection documents developed to support the continued airworthiness of this aircraft in the tanker air to air refueling configuration, the date, and the printed name, signature, certificate number and type of certificate held by the person making the aircraft log book entry.

38. Aircraft log book entry is required when changing from "Market Surveys" or "Public Aircraft" to "Research and Development" and is also required when changing back from "Research and Development" to "Market Surveys" or "Public Aircraft". The log book entry must include the date, printed name, certificate number (if applicable) and signature of the person making the entry.

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SKH/KCF/8130.2G/B/31/2010/AR/MS



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39. These operating limitations are part of a Special Airworthiness Certificate issued
21 APR 2011, and will expire on 19 JUL 2011.

I have read and understand the above operating limitations.

Signature
Pilot in Command: [Redacted Signature] Date: 21 APR 2011

Print name
Pilot in command: John Banitt

Date of issue: 21 APR 2011

Issued by: [Redacted Signature]
Sammy K. Hanson
DART-703007-S0



**Mr. Sammy K. Hanson,
AeroTech Services Inc.,
Silver Springs,
Florida.**

18-Apr-2011

**Subject: Renewal of Experimental Certificate for
Boeing 707-321B S/N 20029 Reg. N707AR**

Dear Sammy,

Below please find information requested.

1. Total Aircraft Hours as of 18-Apr-2011	47,790 hours	15,169 cycles
2. Experimental Aircraft Hours as of 18-Apr-2011	95 hrs 56 mins	34 cycles
3. Bi-Weekly as at 18-Apr-2011	2011-08	
4. Last Applicable AD	2009-18-10	
Status of N707AR S/N 20029	Due October 2011	

MANUAL SUPPLEMENTS

1. Hushkit Flight Manual Supplement	JS1175	Rev. 3
2. Airplane Flight Manual	D6-1588.6	Rev. 34
3. AR STC Transport Configuration Flight Manual Supplements		
AR Transport → Tanker Manual	ME-707-ER-13-1	Rev. B
AR Tanker → Transport Manual	ME-707-ER-13-2	Rev. A

Collinstown Cross, Dublin Airport, Ireland. Tel: 353-1-8376622 Fax: 353-1-8376678 E-mail: info@omegaair.ie
Directors: Ulick McEvaddy (Sec.) Desmond McEvaddy B.L. Company Registration Number 96980

- | | | | |
|-----------|---|-----------------------|---------------------------|
| | AR Tanker Flight Manual Supplement | ME-707-ER-05-2 | Rev. C (Transport) |
| | AR Tanker Flight Manual Supplement | ME-707-ER-05-1 | Rev. C (Tanker) |
| 4. | Weight & Balance Manuals | | |
| | Weight & Balance Report A + B Kit | ME-707-ER-22 | Rev. A (Tanker) |
| | Weight & Balance Report A Kit | ME-707-ER-02 | Rev. A (Transport) |
| 5. | Dual Universal UNS-1C Flight Management System/GPS computers | STC ST09234SC | |

Best regards,

A black rectangular redaction box covers the signature of Noel Mullins. The box is positioned below the text "Best regards," and above the typed name and title.

Noel Mullins
Signed on behalf of
Kevin O'Neill
Director of Quality Control
Omega Air

Collinstown Cross, Dublin Airport, Ireland. Tel: 353-1-8376622 Fax: 353-1-8376678 E-mail: info@omegaair.ie
Directors: Ulick McEvaddy (Sec.) Desmond McEvaddy B.L. Company Registration Number 96980



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26. Inspections must be recorded in the aircraft maintenance records showing the following, or a similarly worded, statement: "I certify that this aircraft has been inspected on [Insert Date] in accordance with the scope and detail of 14 CFR part 43, appendix D, or other FAA-approved programs, and found to be in a condition for safe operation." The entry will include the aircraft's total time-in-service, and the printed name, signature, certificate number, and type of certificate held by the person performing the inspection. (23) ORDER 8130.2G 8/31/2010
27. If aircraft, engine, or propeller operating limitations are exceeded, an appropriate entry will be made in the aircraft records. (24) ORDER 8130.2G 8/31/2010
28. This aircraft must not be operated unless it is maintained and inspected in accordance with the requirements of 14 CFR part 43. (25) ORDER 8130.2G 8/31/2010
29. This aircraft must display the word "EXPERIMENTAL" in accordance with 14 CFR § 45.23(b). (26) ORDER 8130.2G 8/31/2010
30. The pilot in command of this aircraft must notify air traffic control of the experimental nature of this aircraft when operating into or out of airports with operating control towers. The pilot in command must plan routing that will avoid densely populated areas and congested airways when operating VFR. (27) ORDER 8130.2G 8/31/2010
31. This aircraft does not meet the requirements of the applicable, comprehensive, and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation. The owner/operator of this aircraft must obtain written permission from another country's CAA prior to operating this aircraft in or over that country. That written permission must be carried aboard the aircraft together with the U.S. airworthiness certificate and, upon request, be made available to an FAA inspector or the CAA in the country of operation. (28) ORDER 8130.2G 8/31/2010

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