

Jumpseat

John Raidt

From: David.Novak@[redacted]
Sent: Friday, June 25, 2004 11:03 AM
To: 'JohnRaidt@aol.com'
Cc: John Raidt
Subject: RE: Flight 93

9/11 Personal Privacy

John: no evidence of a jump seat for Jarrah, nor do we suspect it. thanks, Dave

-----Original Message-----

From: JohnRaidt@[redacted] [mailto:JohnRaidt@[redacted]]
Sent: Friday, June 25, 2004 6:16 AM
To: Novak, David
Cc: jraidt@9-11commission.gov
Subject: Flight 93

Dave--Hope you are doing well. I wanted to run something by you. We have seen no evidence to suggest that Jarrah or one of the others was a jumpseater on UA 93. Our understanding is that a jumpseater would be noted on the gross weight manifest for the flight and it's not indicated. Also, UAL says there would be paperwork filed for the authorization. They say they have such paperwork. I'm just wondering if you are operating from the same understanding. Do you have any evidence or suspicions a jumpseat was used? Thanks for anything you can share. Best, JR

John Raidt

From: Loretta Redmond [LREDMOND@[REDACTED]]
 Sent: Friday, June 25, 2004 5:00 PM
 To: John Raidt; William Johnstone
 Cc: Ellis, Susan Nystrom; Anoushka Bayley; Jeffrey Ellis
 Subject: Jump seat documents

Dear John and Bill,

A jumpseater would be reflected in the following documents for United:

1. Weight and Balance information and Passenger Count information (For Flight 93 see UASSI1-00000067-72)
2. ACARS Weight Manifest (For Flight 93 see UASSI1-00000398)
3. OMC Boarding Pass

Let me know if you have any other questions.
Laurie

4452

4451

9/11 Personal Privacy

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6/26/2004

Weight and Balance Information

(Confidential)

Flight Number: 93 - 2001-09-11

Nose Number: 5491

Tail Number: N591UA

Weight

Operating Empty Weight (lbs): 133300

Adjusted Operating Empty Weight (lbs):
133445

Pit Cargo Weight (lbs): 3748

Rear Cargo Weight (lbs): 1987

Maximum Allowable Zero Fuel Weight (lbs): 184000

Zero Fuel Weight (lbs): 143938

Maximum Allowable Takeoff Gross (lbs):
235700

Takeoff Gross (lbs): 192638

First Class Passenger Weight (lbs): 1786

Business Class Passenger Weight (lbs):

Coach Class Passenger Weight (lbs): 4959

Target Center Of Gravity: 3748

Mean Aerodynamic Chord: 17.9

Fuel

Fuel Density: 6.7

Density Source: PROGRAMMATIC

Maximum Fuel (lbs): 75473

Fuel On Board: 49700

Taxi Fuel Weight: 1000

Fuel On Board less Taxi Fuel (lbs): 48700

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UASSI1-00000067

Cargo Information

(Confidential)

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Flight Number: 93 - 2001-09-11

Nose Number: 5491

Tail Number: N591UA

Cargo Information

	Pieces	Pounds
Airmail Thru:	0	0
Airmail On:	3	2858
Total	3	2858
First Class Mail Thru:	0	0
First Class Mail On:	0	0
Total	0	0
Freight Thru:	0	0
Freight On:	0	0
Total	0	0
Luggage Thru:	0	0
Luggage On:	32	890
Total	32	890
Company Thru:	0	0
Company On:	0	0
Total	0	0

Excess number of dangerous goods : 1

Local Remarks:

Dangerous Goods

Nose Number: 5491

Tail Number: N591UA

Pre Fix	H Code	Description	Pit Number	Destination Station	Number Of Pieces	Weight (lbs)
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No Dangerous Goods records found.

Pits

Container

Nose Number: 5491

Tail Number: N591UA

Default	Container
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UASSI1-0000068

Pit Number	Pallet Area	Location	Pit Pallet Indicator	Container Number	Default Tare Weight	Thru Indicator	Container Connects Indicator	Container Contents
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No Container Information found.

Manual

Nose Number: 5491

Tail Number: N591UA

Pit Number	Location	Pit Contents
001	FRONT	TB32.....
002	FRONT	G.....
003	FRONT	TB41A.....
004	REAR	BR.....
005	REAR	TB5.....
006	REAR	AATA.....

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Remarks

Planned Weight Manifest

Nose Number: 5491

Tail Number: N591UA

Destination Station

Remarks

No Planned Weight Manifest remarks found.

Cargo/Baggage transfer

Nose Number: 5491

Tail Number: N591UA

Destination Station

Remarks

No Cargo/Baggage transfer remarks found.

Cargo Load

Nose Number: 5491

Tail Number: N591UA

Destination Station

Remarks

No Cargo Load remarks found.

UASSI1-00000069

Engine Information

(Confidential)

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Flight Number: 93 - 2001-09-11

Nose Number: 5491

Tail Number: N591UA

Engine #1

Type: PW

Serial Number: 726610

Model: 2000

Leased: LEASED

Installed at: ORD (1999-01-25 - 11:44)

Item	Days	Hours	Cycles
Engine Time Since Installation	960	9141	3426
Engine Time Since Overhaul	0	0	0
Total Engine Time	0	32333	11459

Engine #2

Type: PW

Serial Number: 726544

Model: 2000

Leased: LEASED

Installed at: SFO (2000-01-15 - 14:51)

Item	Days	Hours	Cycles
Engine Time Since Installation	604	5607	2065
Engine Time Since Overhaul	0	0	0
Total Engine Time	0	13361	4954

APU

Type: 331

Serial Number: 62319

Model: 200E

Leased: OWNED

Installed at: SEA (1996-06-28 - 00:00)

Item	Days	Hours	Cycles
Engine Time Since Installation	1901	8815	10708
Engine Time Since Overhaul	0	0	0
Total Engine Time	0	8835	10728

UASSI1-00000070

Electronic Log Book

(Confidential)

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Past Aircraft Flights

Nose Number: 5491

Tail Number: N591UA

Flight Number	Flight Date	Departure	Arrival	Maint Work	Remarks
75	10	EWR	SFO	1	
78	10	SFO	EWR	1	
507	10	BOS	ORD	1	
642	10	JFK	EWR	1	
642	10	JFK	JFK	1	
642	10	ORD	JFK	1	
528	09	BOS		2	
528	09	ORD	BOS	1	
528	09	SNA	ORD	1	

Log Book

Nose Number: 5491

Tail Number: N591UA

Log Book Entry # 1

Entry Type: Aircraft PTT No: 124 Sequence No: 2006 Ref No: DF0246
 ATA: 312008 Input Station: SFO Input Date: 13AUG Action Code: DF
 Priority Code: 1 Category Code: C MR Item: NO Limit Controlled: NO
 Position: Time Remaining: Callout Item: YES Meters: C
 Placard Number: 378 Placard Text:
 Parts Needed: 480-0342 *L2115* SFOLM JHT
 Over Defect: 1 Over Action: 1

Defect Text: 13AUG SFO DF -P:F-O'S CLOCK INOP

Action Text: .: 13AUG SFO INF- CLOCK PCN 480-0342 ORDERED ON OSTF #L2115. SFOLM TSEN 22AUG SFO INF- :BORROWED CLOCK FROM CONTINENTAL. WILL BE IN LAXJL HOLD BIN. SFOLM LORI BERO 22AUG LAX INF- :ISSD TO LAXMM SMC

Log Book Entry # 2

Entry Type: Aircraft PTT No: 133 Sequence No: 2001 Ref No:
 ATA: 233833 Input Station: DEN Input Date: 14AUG Action Code: RPL
 Priority Code: 0 Category Code: MR Item: NO Limit Controlled: NO

UASSI1-00000071

Passenger Count Information

(Confidential)

Flight Number: 93 - 2001-09-11

Nose Number: 5491

Tail Number: N591UA

Passenger count from weight and balance

Seat Type	Weight Manifest	Capacity (ACI)
First Class	10	10
Business Class		
Coach Class	28	28
Jump Seat		

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UASSI1-00000072

12:01:13
DL MsgLen= 40 DBI= 9 DIIndicator= 2 DNumStns= 1
BepStnName = LGAA5 SSV=42 (0x2A)
<SOH>2.N591UA<NAK>QA<STX>M71AUA0093EWR1201060970498<ETX>

FLoc= 49126173 AJPSBcnt= 55 ULBLK S=31 D=21 BEPts=20010911
12:01:16
UL MsgLen= 14 Stn= EWRB5 StnDelivType= 2
Tail= .N591UA Fid= UA0093
<SOH>2.N591UA9D<ETX>

35 -
FLoc= 51756381 AJPSBcnt= 250 ULMSG S=31 D=21 BEPts=20010911
12:04:39
ADNS MsgLen= 193 Org Addr= HDQWUA Org TimeStamp= 20010911 12:04:00
Smi= CMD AgyNum= 65535
Tail Number= .N591UA FltId= UA0093
Target Stn= EWR<00><00> Target Method= 2
<CR><LF>
<SOH>QU DDLXCKA<CR><LF>
.HDQWUA 111204/VIL<CR><LF>
<STX>CMD<CR><LF>
AN N591UA/GL EWR<CR><LF>
- QUHDQWUA-1WEIGHT MANIFEST<CR><LF>
UA93 EWR SFO<CR><LF>
EWR<CR><LF>
ZFW 143938<CR><LF>
TOG 192638<CR><LF>
MAC 17.9<CR><LF>
TRIM 05.1<CR><LF>
PSGRS 038<CR><LF>
CREW 02/05<CR><LF>
<ETX><EOT>

FLoc= 51756631 AJPSBcnt= 184 ULBLK S=31 D=21 BEPts=20010911
12:04:39
UL MsgLen= 143 Stn= EWRB5 StnDelivType= 2
Tail= .N591UA Fid= UA0093
<SOH>2.N591UA<NAK>RAE<STX>QUHDQWUA-1WEIGHT MANIFEST<CR><LF>
UA93 EWR SFO<CR><LF>
EWR<CR><LF>
ZFW 143938<CR><LF>
TOG 192638<CR><LF>
MAC 17.9<CR><LF>
TRIM 05.1<CR><LF>
PSGRS 038<CR><LF>
CREW 02/05<CR><LF>
<ETX>

FLoc= 51778616 AJPSBcnt= 55 DLBLK S=31 D=21 BEPts=20010911
12:04:41
DL MsgLen= 24 DBI= 0 DIIndicator= 1 DNumStns= 1
BepStnName = EWRB5 SSV=82 (0x52)
<SOH>2.N591UAE<STX>S38AUA0093<ETX>

FLoc= 51814550 AJPSBcnt= 55 DLBLK S=31 D=21 BEPts=20010911
12:04:43
DL MsgLen= 24 DBI= 0 DIIndicator= 2 DNumStns= 1
BepStnName = EWRA5 SSV=68 (0x44)
<SOH>2.N591UAE<STX>S38AUA0093<ETX>

FLoc= 61238609 AJPSBcnt= 70 DLBLK S=31 D=21 BEPts=20010911

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UASSI1-00000398

NCTA000145846

Weight and Balance Information

(Confidential)

Flight Number: 175 - 2001-09-11

Nose Number: 6212

Tail Number: N612UA

Weight

Operating Empty Weight (lbs): 183700

**Adjusted Operating Empty Weight (lbs):
183858**

Pit Cargo Weight (lbs): 18543

Rear Cargo Weight (lbs): 8448

**Maximum Allowable Zero Fuel Weight
(lbs): 244000**

Zero Fuel Weight (lbs): 212348

**Maximum Allowable Takeoff Gross (lbs):
320000**

Takeoff Gross (lbs): 288348

First Class Passenger Weight (lbs): 1607

**Business Class Passenger Weight (lbs):
1965**

Coach Class Passenger Weight (lbs): 6375

Target Center Of Gravity: 14339

Mean Aerodynamic Chord: 24.9

Fuel

Fuel Density: 6.7

Density Source: PROGRAMMATIC

Maximum Fuel (lbs): 111830

Fuel On Board: 77300

Taxi Fuel Weight: 1300

Fuel On Board less Taxi Fuel (lbs): 76000

UASSI100036099

Passenger Count Information

(Confidential)

Flight Number: 175 - 2001-09-11

Nose Number: 6212

Tail Number: N612UA

Passenger count from weight and balance

Seat Type	Weight Manifest	Capacity (ACI)
First Class	9	9
Business Class	11	11
Coach Class	36	36
Jump Seat		

UASSI100036100

**Information Concerning Boeing Key and
Who Sat in Jump Seats on the Hijacked Flights**

The Boeing keys on the hijacked aircraft had not been changed by United after purchasing the aircraft.

No one, other than flight crew, was seated in the jump seats on either Flight 93 or Flight 175.

19 C & E

Key Policy UA

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UASSI1-00032900