

Docket No. SA-533

Exhibit No. 2-EE

**NATIONAL TRANSPORTATION SAFETY BOARD**

**WASHINGTON, D.C.**

List of Examined / Recovered Cockpit Items and Issued Documents

(11 Pages)

ATTACHMENT  
30

N902FX, CEN09MA142

<u>Left Maintenance Panel 101VU</u>
All electrical meters 0
Number 2 attitude reference unit overheat magnetic indicator
Automatic Flight Control System magnetic indicator
<u>2VU</u>
Captain's switches all deselected
<u>3VU</u>
Number 1 Airspeed Indicator- 148 knots
Vmo- 400 knots
Internal Speed Bug- 109
Moveable Indices Yellow Bug- 110
Moveable Indices White Bug- 124
Moveable Indices Red Bug- 145
RMI- Number 1 VOR selected, Number 2 VOR selected, both needles pointing to 330
Altimeter- 2,400 feet, 1,020 mb, 30.12 inches
TCAS- unreadable
<u>4VU</u>
Standby Altimeter- 3,000 feet, 30.12 inches
Power Management- T/O
Prop Sync- On
Oil Pressure (1 and 2)- 0
Oil Temperature (1 and 2)- 0
Torque 1 and 2- 0
Np 1 and 2- 0
ITT 1 and 2- 0
Nh 1 and 2- 0
Fuel flow 1 and 2- 0
Eng ECU 1 and 2- ON
ATPCS- ON
Antiskid- ON
Stickpusher- ON
Fuel temp 1 and 2- low range
Landing Gear Lever- Down
Flap indicator- just below 0
Extend flap- out of view
Trim indicator- OFF, needles stowed
Cabin Pressure indicator- OFF, needles 0
Auto Pressure Control Dump- Deselect
Descent Rate- Normal
Manual pressure control- Ditch deselect, mode AUTO
<u>5VU</u>

Clock
Airspeed Indicator- 170 knots
Internal Speed Bug- 106
Moveable Indices Yellow- 112
Moveable Indices White- 126
Moveable Indices Red- 144
RMI- Number 1 VOR selected needle pointing to 330, Number 2 VOR selected needle pointing to 270
Altimeter- 2,400 feet, 30.12 inches
<u>6VU</u>
FO's switches all deselected
<u>702VU</u>
Windshield heat- magnetic indicator
Engines 1 and 2- trimmed to 1
Engine 1 and 2 ECU- magnetic indicator
Weight on wheels- magnetic indicator
Engine airframe deice- magnetic indicator
<u>Number 1 Fire Control Panel</u>
Handle not pulled
<u>25 VU</u>
Number 1 and Number 2 boost pumps on
Crossfeed – deselected
<u>23VU</u>
Compartment lights
Storm – OFF
Dome – OFF
Stby compass – OFF
Cargo Lt – OFF
Capt wiper – OFF
<u>29 VU Main Elec PWR</u>
Stby bus – Deselected
DC Gen 1 and 2 selected on
Ext pwr deselected –OFF
BTC – Deselected open
<u>27 VU Eng Start</u>
Off & Start Abort – Cont relight
Prop Brake – OFF
<u>Ext Lights</u>
Beacon – ON

Nav – ON
Strobe – OFF
Logo – OFF
Taxi – ON
Landing – ON
Wing – ON
<u>ELT</u>
Mode – Armed
<u>26 VU</u>
Hyd pwr
Blue / Aux / Green pumps – ON
AC Wild Elec PWR
BTC – deselected but unlatched from gate
AC 1 and 2 selected ON
Ext power – OFF
Probes Htg
Capt / Stby / FO – all selected ON
Windshield heating
L and R - ON
Anti icing
Prop 1 and 2 - ON
Mode select SAT < 10 deg C – deselected
Horns
Rudder & Elev – ON
Ail and Elev – ON
Side Windows – ON
De Icing
Eng 1 and 2 – ON
Mode Select < 18 deg C – Deselected
Airframe Air bleed – ON
Airframe – ON
Signs
No smoking – OFF
Seat belts – OFF
Emerg exit lights - Disarm
Sterile - OFF

<u>#1 Fire Control Panel</u>
Handle – Pulled
<u>34 VU Comp SMK</u>
Smoke det – ON
<u>22 VU Oxygen</u>
Main supply – ON
Exhaust mode Avionics vent – Auto
Compartment Temp
Recirc Fan 1 and 2 – ON
Temp select – Auto
Compartment sel – FLT comp
Temp Knobs – 1 o'clock
Flow – Norm
Air Bleed
Pack valves 1 and 2 – ON
Eng Bleed 1 and 2 – ON
F/O wiper – ON
Ann Lt - Dim
<u>Number 1 EFIS Control Panel</u>
Radar all push buttons deselected
Bearing Select Number 1- ADF
Bearing Select Number 2- VOR 2
<u>TAWS</u>
Transponder 2
Selector switch TA/RA
<u>Radar control</u>
Gain preset
Mode- WX
Range- 10m
Tilt- Up 15 degrees
<u>Number 2 EFIS Control Panel</u>
Radar all push buttons deselected
Bearing Select Number 1- OFF
Bearing Select Number 2- OFF
<u>T2CAS Panel</u>
DSP SEL- OFF

GPS- Control (Data card dated Jan-Feb 2009)
<u>Throttle Control Quadrant</u>
Parking brake- OFF
Gust lock- OFF
Power Lever 1- reverse
Power Lever 2- above flight idle 40 degrees
Number 1 condition lever- midway between minimum rpm/feather
Number 2 condition lever- above number 1 condition lever about 2 degrees
Flaps Handle- 15 degrees (45-degree stop tool and sealing wire were missing)
Takeoff flap 0 push button- missing lens
Idle gate- Ground
<u>Radios</u>
Number 1 VHF Com- ON
ADF Control Head- ON
VHF Com Space Switch- 25 KHZ
Number 2 VHF Com- ON
Number 1 AUD Control Panel- VHF 1 SEL
Number 2 AUD Control Panel- VHF 1 SEL
FDAU- Flight 0284
Trim Panel- Aileron, Rudder, Standby Pitch neutral
STBY Pitch Trim-Guarded
Radar Button- Missing
3 <sup>rd</sup> audio control- Interphone
<u>13VU</u>
NAV 2- ON
NAV 2- ON
Course select knobs- ON
Flight Director bars- ON
<u>Circuit breakers (popped)</u>
Fuel number 1 and 2 engine low-pressure (LP) valve
Avionics vent smoke detection
Valve control avionics vent
Fuel number 1 engine electric pump
Pumps and feed open
Landing gear- primary indicator
Flap Position indicator
Spoiler
Cabin pressure
Ditching
Lighting- right
Smoke detection- fwd compartment

N902FX, CEN09MA142

Number 2 engine propeller brake
De-ice- iso valves 1 and 2

9/29/09

Items recovered from the cockpit of 902FX.

**Left Side of Cockpit**

Juice Bottle  
Water Bottle  
Red Vines "candy"  
Trail Mix  
One Orange  
Multiple Magazines  
News Paper  
Headset  
Take-Off & Landing Data for AFW, Normal & Icing Conditions.  
902FX Log Book  
Fuel Tickets for EL Paso & AFW  
Flight Release & Weather for MAF-LBB-AFW Legs.  
Deferral Coupon Book  
Multi Service Card for 902FX & Deferral Coupon Stickers  
C.G. Calculator  
Previous Log Book for 902FX  
Weight & Balance Paperwork for Flight from AFW to LBB  
Extra Weight & Balance Forms  
Captains Personal Items Bag Containing Stapler and Log Book  
Normal Checklists  
QRH Set 0284  
NOS Charts SC-3  
Low Altitude Charts L17, L-5, L-6N  
Apch Chart ILS 17Rt LBB  
MAF Charts  
LBB Charts  
AFW Charts  
Fed-Ex Paperwork, Haz, Load Control Sheet & Conz Tag  
Flight Releases and weather for MAF-LBB-AFW Legs and AFW- LBB Leg  
Flight Case Containing the Aircrafts AFM, PPM, MEL, T2 Cass Pilots Guide, ADP,  
Fueling Manual and KLN 900 Pilots Guide

9/29/09

Items Recovered From the Cockpit of 902FX

**Center Consol**

V Speed Cards

Normal Checklist

Orange One Departure AFW

Flt Data Cards

LBB Charts

ELP Charts

MAF Charts

Austin Charts

Roswell Charts

Ground De-Icing Checklist

AFW Charts

AFW Orange One Departure

Jump Seat Briefing Card

9/29/09

Items Recovered From the Cockpit of 902FX

**Right Side of Cockpit**

GOM

Aircraft Performance Data

QRH Set 0284

El Paso Charts

Texas NOS Charts SC-2

**EMPIRE AIRLINES**

Report Date - 02/26/09

**INVENTORY LIST**

0284

Empire Airlines

902FX

Publisher	Manual	Revision	Description	Rev Date
<b>ACSS</b>				
	T2CAS AFM Supplement (ATR42)	08/13/04	T2CAS AFM supplement	8/13/2004
	T2CAS Pilot's Guide	4	T2CAS Pilot's Guide	12/1/2008
<b>Aircraft Performance Group, Inc</b>				
	ATR42 PW121 ATOGs	ICT	PW121 ATOGs Rev. 6	1/21/2009
<b>Armstrong Aerospace, Inc.</b>				
	KLN 900 GPS AFM Supplement (ATR42)	A	GPS AFM Supplement	2/2/2005
	RESCU 406AF ELT AFM Supplement (ATR42)	A	ELT AFM Supplement	9/29/2004
<b>ATR</b>				
	ATR42 AFM (models 200,300,320)	26	ATR42 AFM	7/1/2008
<b>Empire</b>				
	Aircraft Deicing Program (paper)	27	A/C Deicing Program (paper)	9/30/2008
	ATR42 Aircraft Deicing Checklist	1	ATR42 Deicing/Anti-Icing Checklist	11/10/2006
	ATR42 LC/SC CG Calculator (Whiz Wheel)	11-01-06	ATR42 Whiz Wheel	11/1/2006
	ATR42 Minimum Equipment List (paper)	10	ATR42 MEL (paper)	8/1/2008
	ATR42 Normal Checklist (Empire)	7	ATR42 Normal Checklist	6/16/2008
	ATR42 Quick Reference Handbook (QRH) (Empire)	5	ATR42 QRH	9/10/2008
	Dangerous Goods Loading Form	30	Dangerous Goods Loading Form	4/10/2006
	Fueling Manual (paper)	11	Fueling Manual (paper)	3/31/2008
	Jumpseat Briefing Card	1	Jumpseat Briefing Card	3/15/2006
	Maintenance Policies and Procedures Manual (PPM) (paper)	158	PPM (paper)	12/31/2008
	Oxygen Mask STC AFM Supplement (ATR42)	Original	Oxygen Mask STC AFM Supplement	5/25/2004
	PW121 Performance and V Speed Cards (ATR42)	04/30/07	PW121 V Speed Cards (ATR42)	4/30/2007
<b>Honeywell Inc.</b>				
	KLN 900 GPS Abbreviated Pilot's Guide (Rev 1)	1	KLN900 Abbrev. Pilot's Gd (Rev 1)	1/1/1999
	KLN 900 GPS Pilot's Guide (Rev 2)	2	KLN900 Pilot's Gd (Rev 2)	1/1/1999
<b>LabelMaster</b>				
	Emergency Response Guidebook	2008	Emergency Response Guidebook	6/1/2008
<b>M7 Aerospace (WASI)</b>				
	Cargo Configuration AFM Supplement (LC) (ATR42)	F	Cargo Config AFM Supp -LC (ATR42)	10/30/2007
<b>Vision Safe Corporation</b>				
	EVAS AFM Supplement (ATR42)	7/15/03	EVAS Supplement	7/15/2003