

Docket No. SA-533

Exhibit No. 7-E

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C.

Daily Flight Logs

(6 Pages)

CEN09MA142 Section 1

Attachment 1.4 Daily Flight Logs

EMPIRE AIRLINES

FLIGHT & MAINTENANCE LOG

N# 902FX

Date(Z) 1/27/09

46951

CREW

Crew Name 1	Crew Sign 1	Crew Name 3	Crew Sign 3
Crew Name 2	Crew Sign 2	Crew Name 4	Crew Sign 4

A/C Type: ATR-72
AIRCRAFT TIME HISTORY

Previous Log # 56125

Brought fwd:	Time	Cycles
28,764.0		32,376
Total this page:		
Total:		
Correction:		
Corrected Value:		
Next Check Due:	SERVICE	
Date Due:	01/30/09	

P	F	S	I	C	A	C	M	FLT NO	FROM	TO	Times (Z)				FLIGHT TIME		BLOCK TIME		NITE		IFR	APP	TRNG LDGS
											OUT	OFF	ON	IN	Hours	Tenths	Hours	Tenths	Hours	Tenths			
1	1							1157	MAS	ELP	0145	0201	0309	0313	1	1							
1	1							100	ELP	APW	0430	0437	0613	0618	1	6							
2	1							5280	APW														
Totals This Page																							

Engine Condition Trend Monitoring

Component Replacement Record

VOR Accuracy Sta VOT
 Dual VOR

IOAT/IOAT	KIAS	PRESS ALT.	OIL ABNDRD	ENGINE				GBX				Attach Part Tags	Part Off	Part On
				#1	#2	#1	#2	#1	#2	#1	#2			
POS	TORQUE	RPM / Np	DC AMPS / Ng	ENG. TEMP / ITT	FUEL FLOW	(%) TRIM	OIL TEMP	OIL PRESS	Name	Part No.	Ser. No.	Name	Part No.	Ser. No.
#1														
#2														

Signature _____

Indicated Brg. or Brg. Error #1 #2

Last VOR Ck. Date (Z) 01/09/09
 Log Sht. # 56114

TIME _____
 DATE _____
 STA _____

SIGNATURE _____ CERTIFICATE NO. _____

#	STA	DISCREPANCIES	#	STA	CORRECTIVE ACTION	INSP	RII
					Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		

Time Conversion: 0-2=0 3-8=1 9-14=2 15-21=3 22-27=4 28-32=5 33-39=6 40-44=7 45-50=8 51-57=9 58-60=10

Crew Name 1	Crew Sign 1	Crew Name 3	Crew Sign 3
Crew Name 2	Crew Sign 2	Crew Name 4	Crew Sign 4

A/C Type: ATR-72

AIRCRAFT TIME HISTORY

Previous Log # 56124

Brought fwd:	Time 28,764.0	Cycles 32,376
Total this page:	1	1
Total:	28,764.0	32,376
Correction:		
Corrected Value:		
Next Check Due:	SERVICE	
Date Due:	01/30/09	

P	F	S	I	A	C	M	FLT NO	FROM	TO	Times (Z)				FLIGHT TIME		BLOCK TIME		NITE		IFR	APP	TRNG LDGS
										OUT	OFF	ON	IN	Hours	Tenths	Hours	Tenths	Hours	Tenths			
<i>MAINT. SERVICE ONLY</i>																						
Totals This Page																						

Engine Condition Trend Monitoring										Component Replacement Record				VOR Accuracy	
IOATIOAT	SIAS	PRESS.ALT.	OIL ADDED		ENGINE		GBX		Attach Part Tags	Part Off	Part On	Sta		VOT	
POS	TORQUE	RPM/Np	DC AMPS/Ng	ENG. TEMP/ITT	FUEL FLOW	(%) TRIM	OIL TEMP	OIL PRESS	Name	Part No.	Ser. No.	Name	Part No.	Ser. No.	
#1															
#2															

VOR Accuracy Sta

Signature

Indicated Brg. or Brg. Error

Last VOR Ck. Date (Z) 01/08/09

Log Sht. # 56114

TIME 1500

DATE 26 JAN 09

STA *msf*

SIGNATURE *[Signature]*

CERTIFICATE NO. *[Redacted]*

AIRWORTHINESS RELEASE

#	STA	DISCREPANCIES	#	STA	CORRECTIVE ACTION	INSP	RII
1	<i>msf</i>	LINE CHECK DUE	1	<i>msf</i>	CLW LINE CHECK ISW ATR-72 RA Form JTC 103 LINE CHECK. <i>[Signature]</i> A#P <i>[Redacted]</i> 26 JAN 09 Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		

EMPIRE AIRLINES

FLIGHT & MAINTENANCE LOG

N# 902FX

Date(Z) 01/23/2009

56124

CREW

Crew Name 1 <i>David Edger</i>	Crew Sig 1 <i>[Signature]</i>	Crew Name 3 3	Crew Sig 3 3
Crew Name 2 <i>Heather Cornett</i>	Crew Sig 2 <i>[Signature]</i>	Crew Name 4 4	Crew Sig 4 4

A/C Type: ATR-72

AIRCRAFT TIME HISTORY

Previous Log # 56123

Brought fwd: 28,760.9	Time	Cycles
	32,372	
Total this page: 3.1		4
Total: 28,764.0		32,376
Correction: -		
Corrected Value:		
Next Check Due: SERVICE		
Date Due: 1/30/09		

P	F	S	A	C	M	FLT NO	FROM	TO	Times (Z)				FLIGHT TIME		BLOCK TIME		NITE		IFR	APP	TRNG LDGS
									OUT	OFF	ON	IN	Hours	Tenths	Hours	Tenths	Hours	Tenths			
2	1					7757	KNAE	KLBB	0153	0202	0232	0235	0	5	0	7					
2	1					7384	KLBB	KAEW	0422	0428	0524	0527	0	9	1	1					
1	1					7757	KAEW	KLBB	0922	0910	1021	1024	1	2	1	4					
1	1					8757	KLBB	KNAE	1248	1253	1325	1328	0	5	0	7					

Totals This Page

Engine Condition Trend Monitoring

Component Replacement Record

VOR Accuracy Sta VOR Dual VOR

IOAT/AT	KIAS	PRESS ALT.	OIL ADDED	ENGINE	GBX
			#1		
			#2		

POS	TORQUE	RPM/Np	DC AMPS/Ng	ENG. TEMP/ITT	FUEL FLOW	(%) TRIM	OIL TEMP	OIL PRESS
#1								
#2								

Attach Part Tags	Part Off	Part On
Name		
Part No.		
Ser. No.		
Name		
Part No.		
Ser. No.		

Signature	Last VOR Ck. Date (Z) 1/8/09
Indicated Brg. or Brg. Error	Log Sht. # 56114
#1	#2
TIME 1500	AIRWORTHINESS RELEASE
DATE 1/23/09	
STA KNAE	
SIGNATURE	CERTIFICATE NO.

#	STA	DISCREPANCIES	#	STA	CORRECTIVE ACTION	INSP	RII
1	MMT	LINE CHECK DUE	1	MMT	O/W LINE CHECK JAW ART02 JTC103 LINE CHECK <i>[Signature]</i> 1/23/09		
					Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		

Time Conversion: 0-2=0 3-8=1 9-14=2 15-21=3 22-27=4 28-32=5 33-39=6 40-44=7 45-50=8 51-57=9 58-60=1.0

EMPIRE AIRLINES

FLIGHT & MAINTENANCE LOG

N# 902 FX

Date(Z) 1/22/19

56123

CREW

Crew Name 1 <i>Dave Edger</i>	Crew Sign 1 <i>[Signature]</i>	Crew Name 3	Crew Sign 3
Crew Name 2 <i>Heather Conwell</i>	Crew Sign 2 <i>[Signature]</i>	Crew Name 4	Crew Sign 4

A/C Type: *ATR 42*

AIRCRAFT TIME HISTORY

Previous Log # *56122*

Brought fwd:	Time <i>28757.7</i>	Cycles <i>32368</i>
Total this page:	<i>3.2</i>	<i>4</i>
Total:	<i>28760.9</i>	<i>32372</i>
Correction:		
Corrected Value:		
Next Check Due:	<i>Service</i>	
Date Due:	<i>1/30/19</i>	

P	F	S	A	C	M	FLT NO	FROM	TO	Times (Z)				FLIGHT TIME		BLOCK TIME		NITE		IFR	APP	TRNG LDGS
									OUT	OFF	ON	IN	Hours	Tenths	Hours	Tenths	Hours	Tenths			
1	1	2				7757	KNAS	KLBB	0149	0157	0227	0230	0	5	0	7					
1	1	2				7284	KLBB	KASW	0407	0412	0511	0514	1	0	1	1					
2	1	2				8284	KREW	KLBB	0859	0907	1018	1021	1	2	1	4					
2	1	2				8757	KLBB	KNAS	1228	1238	1310	1313	0	5	0	8					

Totals This Page

Engine Condition Trend Monitoring

Component Replacement Record

VOR Accuracy Sta VOT Dual VOR

ID/AT/OT	KIAS	PRESS ALT.	OIL ADDED	ENGINE	GBX
			#1	<i>.25 QT</i>	<i>[Signature]</i>
			#2	<i>.75 QT</i>	<i>[Signature]</i>

POS	TORQUE	RPM/Np	DC AMPS/Ng	ENG. TEMP/ITT	FUEL FLOW	(%) TRIM	OIL TEMP	OIL PRESS
#1								
#2								

Attach Part Tags	Part Off	Part On
Name		
Part No.		
Ser. No.		
Name		
Part No.		
Ser. No.		

Signature	Last VOR Ck. Date (Z)
Indicated Brg. or Brg. Error	<i>1/18/19</i>
#1	Log Sht. # <i>56118</i>
#2	

TIME *1100*

DATE *22-20-19*

STA *mal*

SIGNATURE *[Signature]*

AIRWORTHINESS RELEASE

CERTIFICATE NO.

#	STA	DISCREPANCIES	#	STA	CORRECTIVE ACTION	INSP	RII
1	mal	<i>Low Oil Pressure</i>	1	mal	<i>Oil Pressure Low ATR-42 Return to base line check</i> <i>[Signature]</i>		
					Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		
					Signature, Certificate Number and Date required for each corrective action		

Time Conversion: 0-2=0 3-8=1 9-14=2 15-21=3 22-27=4 28-32=5 33-39=6 40-44=7 45-50=8 51-57=9 58-60=1.0

EMPIRE AIRLINES

FLIGHT & MAINTENANCE LOG

N# 902FX

Date(Z) 01/20/2009

56121

CREW

Crew Name 1 David Edger	Crew Sign 1 <i>[Signature]</i>	Crew Name 3	Crew Sign 3	A/C Type: ATR-72
Crew Name 2 Weather Comp	Crew Sign 2 <i>[Signature]</i>	Crew Name 4	Crew Sign 4	AIRCRAFT TIME HISTORY
				Previous Log # 56120

P	F	I	S	A	C	M	FLT NO	FROM	TO	Times (Z)				FLIGHT TIME		BLOCK TIME		NITE		IFR	APP	TRNG LDGS
										OUT	OFF	ON	IN	Hours	Tenths	Hours	Tenths	Hours	Tenths			
1	1	2					7157	RFBG	KLBB	0148	0159	0233	0236	0	6	0	8					
1	1	2					7284	KLBB	KAGW	0402	0409	0507	0510	1	0	1	1					
2	1	2					8284	KAGW	KLBB	0908	0918	1027	1030	1	2	1	4					
2	1	2					8757	KLBB	RFBG	1216	1223	1251	1255	0	5	0	7					
Totals This Page																						

Brought fwd: 28731.3	Time 32350	Cycles 32350
Total this page: 9.3		4
Total: 28,734.6		32,364
Correction:		
Corrected Value:		
Next Check Due: SERVICE		
Date Due: 01/23/09		

Engine Condition Trend Monitoring										Component Replacement Record			
KIAS		PRESS ALT.		OIL ADDED		ENGINE		GBX		Attach Part Tags	Part Off	Part On	
POS	TORQUE	RPM / Np	DC AMPS / Ng	ENG. TEMP / ITT	FUEL FLOW	(%) TRIM	OIL TEMP	OIL PRESS		Name			
#1										Part No.			
#2										Ser. No.			
										Name			
										Part No.			
										Ser. No.			

VOR Accuracy Sta	VOT <input type="checkbox"/>	Dual VOR <input type="checkbox"/>
Signature	Last VOR Ck. Date (Z) 01/08/09	Log Sht. # 56114
Indicated Brg. or Brg. Error	#1	#2
AIRWORTHINESS RELEASE		
TIME 1400		
DATE 01/20/09		
STA MAF		
SIGNATURE <i>[Signature]</i>		CERTIFICATE NO.

#	STA	DISCREPANCIES	#	STA	CORRECTIVE ACTION	INSP	RII
1	KRW	Info only re: ECW #1 in flight. Continued normal operation. <i>[Signature]</i> #9773	1	KRW	Dennis in MC notified at 0524Z on 01/20/2009. <i>[Signature]</i> #9773		
2	MAF	SERVICE CHECK Due	2	MAF	Chw SERVICE CHECK LOW ATR-72 EA FROM ITC 109 <i>[Signature]</i> 2032009		
3	MAF	RENT CHECK Due	3	MAF	Chw SERVICE CHECK LOW ATR-72 EA FROM ITC 109 6358 <i>[Signature]</i> 2032009		

Time Conversion: 0-2=0 3-8=1 9-14=2 15-21=3 22-27=4 28-32=5 33-39=6 40-44=7 45-50=8 51-57=9 58-60=10