Docket No. SA-521

Exhibit No. 11D

## NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D. C.

Attachment C -- Emery DC-8 Service Check

(8 Pages)

EM		ORLDWIDE JNES	REV. DATE 08/30/98	REV. NO. Original	PAGE NO. 1 OF 8	INSPEC. CK Service Ck	CARD NO. SVC1
<b>;</b>	DO	C-8			ACFT. NO. 807960	STATION FSZC	DATF 2 12.00
LOG P	_		INSTRUC	CTION			I-OFF IIC ONLY
	•	RRIVAL					
а	N P	Park aircraft and solaintenance Man Practices." Install la Pricraft to approved	<b>a</b> .	0263)			
	NOTE:	Verify that groun and frequency is				•	
b	). P	osition switches a	s follows:			b.	0363)
	1 2 3 4 5	<ul><li>Emergency</li><li>Air Condition</li><li>Battery-External</li></ul>	Lights Light Not Armed ning emal Power er	iIL	LUMINATED OFF NAL POWER		
C	i. C	pen the following	circuit breakers:	:		C.	0362)
	1 2 3 4 5 6 7	. Ignition P.S Ignition and . Longitudinal . Blow away . Standby Atti	. Control Tach Power Su			·	
d		leview log book a orrective action on			crew and take	d.	0363)
e	a	teview open defen nd due dates with ction.				e.	as63)
f.	. Е	ingage gust lock n	nechanism, clos	e oxygen shut	off valves.	f.	Q63)
g	g. Pressurize Hydraulic System.					g.	03627
	WARNI	PERSONN SPOILERS	IEL PRIOR TO		FLAPS AND		
	WARN	REVERSE	TENT OPER RS COULD CA IEL WORKING				

				,			
EN		VORLDWIDE RLINES	<b>REV. DATE</b> 08/30/98	REV. NO. Original	PAGE NO. 2 OF 8	INSPEC. CK Service Ck	CARD NO. SVC1
	DC-8				ACFT. NO.	STATION	DATE 2
-0G1 8192	PAGE		INSTRUCTION 8079W				I-OFF NIC ONLY
į	h.	Extend wing flaps a	ind ground spoil	ers.		h.	03637
i	i.	Deploy thrust reven	sers.			ì.	337
j	j.	Set brakes.				j.	03(3)
2.	EXTER	NOR (Fuselage and	i Wheel Wells)				
;		Open main landing valve, located in le downlock pins.		<b>a</b> .	03637		
··		Visually inspect rac flight controls, fuse damage and evide oil leaks as viewed broken or missing s	ylons for skin mp on), fuel or	b.	0363)		
;	NOTE	if walkaround B PUMP AND AUX					
	NOTE	: When inspecting fuel leaks, ensui boost pump is o	re all crossfeed	•			
	c.	control attachment leaks, and security	risually check (from ground) horizontal/vertical stabilizers, flight ontrol attachments, and tail skid for evidence of damage, eaks, and security. Tail skid for missing red paint. Check for roken or missing static dischargers.				03637
	d.	Check that cabin pe	ressure relief va	lives are flush	with fuselage.	d.	03637
	e.	Check that static pree.	ports and pitot	tubės are clea	r and damage	e.	0313)
	f.	Check for presence	e of O2 blowout	disc.		f.	03637
	g.	Inspect lower carg and lighting for ope				g.	0363)
	h.	cuts, excessive we	main landing gear tires for proper pressure. ear, or other visible defects. Check wheels e. Nose tire inflation (Series 54/63/71/73 - 2 - 165 PSI).			h.	03364

EMERY WORLDWIDE AIRLINES		REV. DATE 08/30/98	REV. NO. Original	PAGE NO. 3 OF 8	INSPEC. CK Service Ck	CARD NO. SVC1
DC-8	DC-8				STATION	272-00
_JG PAGE   I		INSTRU	CTION	8079W		I-OFF IIC ONLY

## MLG TIRE/BRAKE SERVICE LIMITS

	1110	VE SEKAICE FIMILIS		
Aircraft Effectivit	Tire y Size	Tire Presssure	Max Brake Pin Depth AD 94-06-10	
DC8-50 Serie Light Gear	s 44 X 16	170 PSI	5/8" P/N 154252-2	
DC8-62/71 Light Gear	44 X 16	190 PSI	5/8" P/N 154252-2	
DC8-62/63/73 Heavy Gear	44.5 X 16.5	195 PSI	11/16" P/N 2601412-1	
·*NC	TE: BRAKE ASSY IDENTIFI	ED BY A PERMANENT	7/16" *P/N 2601412-2 YELLOW DOT	
i.	Check brake wear indicator Brakes should be warm to operation during previous land	the touch, to indicate		0363)
j.	Brake Lockouts/Deboosters. leakage-and proper height. Fron completion of check. (Lir first shoulder on plastic piston	07364		
k.	Visually check wheel wells condition, obvious damage, attachments. Inspect MLG component installations in the condition, security and evider lighting.	fluid leaks, and sed doors, jams, hinges e nose and main wheel	curity of and all wells for	03637
l.	Perform brake decay check.	٠.	l.	03(3)
	1. Parking brake on and r	nain system pressurized.	•	
	2. Auxiliąry Hydraulic Pur	np Off.		-
	Check brake pressure     Maintenance Manual 3	and decay time. Per 2-44-47.	form per	
m.	Check precharge of accumu correct pressure and the flat extension.			03637

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	EMERY WORLDWIDE AIRLINES		<b>REV. DATE</b> 08/30/98	REV. NO. Original	PAGE NO. 4 OF 8	INSPEC. CK Service Ck	SVC1	
	DC-8					ACFT NO.	STATION F-SLC	L Di T
7	OG PAGE			INSTRUC	CTION			N-OFF
81	152-09						MECHA	NIC ONLY
	n.	Wipe		nain landing gea gear strut pist			n.	03364
3.	EXTER	RIOR	(Engines)					
	<b>a</b> .	Inspe	ect thrust rever	sers for general	condition.		<b>a</b> .	03637
	b.	Retra	act thrust rever	sers and open e	engine cowling	S.	b.	03677
	C.	dama	age. Visually	ts, fan bypass, a check front co hingled or dama	ompressor bla		C.	03637
	d.	<ul> <li>d. Inspect installed components for general condition, installation and fluid leakage.</li> </ul>					d.	53637
	e.		ect all wiring s for damage a	harnesses for nd clearance.	serviceability,	security, fire	e.	0363)
4.	FUSE	_AGE	INTERIOR					
	a.			trance door for locking mechan		repancies and	· <b>a</b> .	03364
	b.	mask instr	ks, smoke gog	gles, windows, laurity and visible	er area for general condition: oxygen windows, PBE, seats, safety belts and and visible damage. Check over-water			03364
	C.	Chec	ck oxygen cylin	ders for proper	pressure:		C.	03364
		1)	Crew fixed cy	linder: 1500-180	00 PSI at 21°C	(70°F)		03207
		2)	One Crew por (70°F)	rtable cylinders:	1800 + 0 -20	PSI at 21°C		
		3)		avatory portable PSI at 21°C (70		stalled):		
	d.		orm operationa ollowing: Anti-collision	al check of externant in lights.	ior lighting. Ch	neck to include	d.	03364
		2)	Wing and ta	ail navigation ligh	nts.			
		3)	All landing a	and taxi lights.				

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F		WORLDWIDE RLINES	<b>REV. DATE</b> 08/30/98	REV. NO. Original	<b>PAGE NO.</b> 5 OF 8	INSPEC. CK Sérvice Ck	CARD NO. SVC1
		DC-8			ACFT. NO.	STATION KSLC	DATE
\_00 &/	G PAGE	;	INSTRUC	CTION	8079 U	<u>SIGN</u> MECHAN	IC ONLY
0 /	,	4) Logo lights	and wing/ground	l flood lights.			
		5) Strobe lights	S.				
	e.	Test operation of a fuse supply. Reple			pare bulb and	<b>e</b> .	03364
	f.	Perform operationa	l test of emerge	ncy lighting.		f.	03364
	g.	Test operation of Fi	ire Warning Sys	tem.		g.	03364
	h.	Test the smoke-det	tector system.			. <b>h.</b>	03364
•	i.	Test flight data reco	order. Turn swit	ch on, light sho	ould go out.	i.	03364
	j.	Test cockpit voice manual.	ce recorder pe	er applicable	maintenance	j.	03364
	k.	Check charge level	of SAI battery.	(If installed)		k.	03364
	l.	Verify aircraft batte	ry voltage, minin	num 22 volts.		· 1.	03364
	m.	Check magnetic collegibility.	ompass for bubl	oles and corre	ction chart for	m.	03264
	<b>n.</b>	Check condition of evacuation rope.	fire extinguishe	rs, first aid kits	fire axe, and	n.	03364
	0.	Check that aircraft radio license, and l Chap. 1 - Manual D	Maintenance Ma			<b>o</b> .	03368
	p.	Visually check mevidence of any datears, defective operational.	oring for holes,	p.	23364		
	q.	Check lavatory sys	tem for leakage	and cleanlines	SS.	q.	03364
	r.	Visually check that aircraft.	t main cargo do	oor sill guards	are on board	r.	03364
			0-5				0 36 9

ĘI	MERY W AIR	ORLD'	WIDE	<b>REV. DATE</b> 08/30/98	REV. NO. Original	PAGE NO. 6 OF 8	INSPEC. CK Service Ck	CARD NO. SVC1
	D	P-2				ACET. NO.	STATION	I.VIE
LOG 879	PAGE			INSTRUC	CTION	8079U	SIGN	I-OFF NIC ONLY
	;	attach security	brackets,	rgo compartment hooks, and superal condition. re clean.	pport fittings)	for damage,	S.	03637
	t. (	Check v	ent door op	peration and con	dition.		t.	03(37
	i	pallet ic		go compartment ails and ballmat			u.	02637
5.	POST I	NSPEC	TION ENG	INE RUN When	OAT is Below	v 0° C only		
		Prepare Handbo		nd engines for e	ngine run per	EWA Run-up	a.	0363>
		Reset a		oreakers listed	on page 1 as	required for	b.	03637
	c. 1	Ensure	proper fluid	evels prior to running engines.			C.	0363)
		Visually starts.	inspect ea	ch engine intake	and exhaust	orior to engine	· <b>d</b> .	0363)
	WARN	IING:	CLEAR	ALL PERSONN OF ENGINE RIOR TO STAI	INTAKE AND	EXHAUST		
	<b>e</b> . !	Perform	engine sta	irts per EWA Ru	n-up Handboo	k.	e.	03637
	,	visual ii	rspection o	and warm up, idl f each engines i r signs of fluid lea	installed comp		f.	25637
J)	Use Gro	und Ai 1.	r Stårt Uni Operate No RPM indica	pressor check at if Engine runs  o. 1 turbo compator indicates "Compator indicates "Co	are not accordension of the second according to the se	Verify that #2 erate #3 turbo	1.	03637
	:		associated for stuck,	o compressor in TC check valve damaged or rotof of engine runs.	should be visi	ually inspected	2.	N/A 08637
				0.1	_			0.3

_							
•	EMERY WORL AIRLINE		<b>REV. DATE</b> 08/30/98	REV. NO. Original	<b>PAGE NO.</b> 7 OF 8	INSPEC. CK Service Ck	CARD NO. SVC1
	BC-8				A TET NO.	STATION FSLC	DATE
	LOG PAGE		INSTRUC	CTION	80792	SIGN MECHAN	I-OFF /2 -CO
	h. Shutd	own engines it switches an	per the EWA Ru d circuit breaker	un-up Handboors to normal co	ok and restore infiguration.	h.	03637
			ach engine inle ts for signs of le		st for F.O.D.,	i.	3637
	j. Close	and secure a	l cowlings and a	access panels.		j.	03637
6	. AIRCRAFT S	ERVICING					·
			ll engines within			<b>a</b> .	03637
	#1 Engine Qt	1_0_	Added #2 En	gine Qty	Added		·
	#3 Engine Qt	1_2_	Added #4 En	gine Qty <u>2</u>	Added		
		engine oil ca e if required, s	ap "O" ring on a secure cap.	all engines for	serviceability,	b.	0365)
		and service 2380 oil ONL	CSD oil on all o	engines as ne	cessary. Use	C.	03637
	oil leve	el in pneumat	ll 50/60 series a ic starters. Sei Y. Secure serv	rvice to full as		· <b>d</b> .	N/A-
	940 350	ipped with	70 series airc assisted wet s servicing is re n.	spline cavity	starters P/N		,
	500B,	or Chevron	aulic reservoir, Hyjet IV-A. Is DMS/WPL-Z0	This intermix	with Skydrol of fluids is	<b>e</b> .	0863)
	f. Check oil as i	and service equired. (N/A	turbo compress DC8-70 series	ors (4 ea) with aircraft)	n Exxon 2389	f.	Ø637
	g. Check oil as t	and service required. (DC	air cycle machi 8-70 series airc	nes (2 ea) witl raft)	h Exxon 2380	g.	0263)
	h. Servic for lea	e waste dispo kage. (Insure	esal system as i doughnut insta	required. Che lled)	ck drain valve	h.	63637
	IV-A.	e spoiler rese This inter VPL-2014.	ervoir with Skyd mix of fluids	irol 500B, or ( is approved	Chevron Hyjet on Douglas	i.	03437
			$\wedge$ $\neg$				0 37 T

•	EMERY WORLDWIDE AIRLINES		<b>REV. DATE</b> 08/30/98	REV. NO. Original	PAGE NO. 8 OF 8	INSPEC. CK Service Ck	CARD NO. SVC1	
		BC-8				ACFT. NO.	STATION	DATE
1.0	LOG PAGE			INSTRUCTION 6075		8075W	SIGN-OFF MECHANIC ONLY	
	j.			and check for c			j.	03364
	Note	les		ing should occi rs (or Maximun ed.				
8.	POST	INSPE	ECTION CHEC	CKLIST				
	a.	Aircra	ift Exterior				a.	07364
		1)	All fuselage	panels, doors, a	and fairings se	cure.		0777
		2)	LH and RH	wing panels sec	cure.			
		3)	All engine a	nd pylon cowling	gs/panels secu	ire.		
	b.	Aircra	ift Interior				b.	0334
•		1)	Doors and h	atches secure.				
		2)	Cargo loadii	ng system comp	olete.			
		3)	All switches	controls in their	required posit	tions.		
	C.	Paper	work Comple	teness				
		1) -	Engine oil a	dded-document	ed in log book.		- 1)	03304
		2)	Remove ge	ar pins, open ox	ygen shutoff v	alves.	2)	03364
		3)		on Paperwork, s, and part ta or.			3)	03364
		4)	Sign airwor book.	thiness release	in aircraft ma	aintenance log	4)	03364