ATTACHMENT 1

TO

SYSTEMS GROUP CHAIRMAN'S FACTUAL REPORT

DCA17FA076

DC-9-83 (MD-83), N786TW, Elevator Power Control Boost Cylinder ATP Results

LEFT BOOST CYLINDER S/N EFS-22846

P/N: 5934212 EMCO ENGINEERING CO., INC. ACCEPTANCE TEST PROCEDURE	ATP: 10025	S/N:
	PREPARED BY: [redacted]	CHECKED BY: [redacted]

REF. PAR. NO.	DESCRIPTION	REQUIREMENTS	RESULTS
4.1.1	LEAKAGE 25 PSI	8 IN^3 /MIN. (131.12 cc)	2cc
	4500 PSI	8 IN^3 /MIN. (131.12 cc)	23 cc
4.1.2	PROOF TEST	NO EXTERNAL LEAKAGE CHECK OFF	Accept
4.2	PACKING CYCLING	1 DROP PER 5 CYCLES	Accept
	EXTERNAL LEAKAGE	NOT TO EXCEED A TRACE CHECK OFF	Accept
4.3	PACKING FRICTION & BINDING	FORCE NOT TO EXCEED 20 LBS.	17 lbs Ret 13 lbs ext
4.4	RELIEF VALVE LEAKAGE	6 IN^3 /MIN. (98.34 cc)	17cc
4.5	RELIEF VALVE CRACK & RESEAT	CRACK 2320 PSI MAX.	2250
		RESEAT 2050 PSI MIN.	2075
5.0	PREPARATION FOR SHIPMENT		Accept
5.1	INSPECT ALL PORTS EXAMINE FOR DAMAGE	CHECK OFF	Accept

LEFT BOOST CYLINDER S/N EFS-22846

P/N: 5934212 EMCO ENGINEERING CO., INC. ACCEPTANCE TEST PROCEDURE	ATP: 10025	S/N:
	PREPARED BY: [redacted]	CHECKED BY: [redacted]

REF. PAR. NO.	DESCRIPTION	REQUIREMENTS	RESULTS
5.2	DRAIN UNIT & PLUG ALL PORTS	CHECK OFF	Accept [redacted]
5.3	SEAL END GLAND THREADS PER DPS 2.50	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.4	APPLY TORQUE STRIPES TO END GLAND	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.5	LOCKWIRE PER D.P.S. 5.651	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.6	IDENTIFY PER D.P.S. 3.02	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.7	ATTACH NAMEPLATE PER D.P.S. 1.07-47 TYPE 4	CHECK OFF	TEST NOT PERFORMED (Group Decision)

RIGHT BOOST CYLINDER S/N AV01

P/N: 59 34212 EMCO ENGINEERING CO., INC. ACCEPTANCE TEST PROCEDURE		ATP: 10025	S/N:
		PREPARED BY: R. FRITCH	CHECKED BY: R. FRITCH.

REF. PAR. NO.	DESCRIPTION	REQUIREMENTS	RESULTS
4.1.1	LEAKAGE 25 PSI	8 IN^3 /MIN. (131.12 cc)	3.5 cc
	4500 PSI	8 IN^3 /MIN. (131.12 cc)	40 cc
4.1.2	PROOF TEST	NO EXTERNAL LEAKAGE CHECK OFF	Accept
4.2	PACKING CYCLING	1 DROP PER 5 CYCLES	Accept
	EXTERNAL LEAKAGE	NOT TO EXCEED A TRACE CHECK OFF	Accept
4.3	PACKING FRICTION & BINDING	FORCE NOT TO EXCEED 20 LBS.	12 lbs Ret 10 lbs ext
4.4	RELIEF VALVE LEAKAGE	6 IN^3 /MIN. (98.34 cc)	20cc
4.5	RELIEF VALVE CRACK & RESEAT	CRACK 2320 PSI MAX.	2180
		RESEAT 2050 PSI MIN.	1950
5.0	PREPARATION FOR SHIPMENT		Accept
5.1	INSPECT ALL PORTS EXAMINE FOR DAMAGE	CHECK OFF	Accept

RIGHT BOOST CYLINDER S/N AV01

P/N: 5934212 EMCO ENGINEERING CO., INC. ACCEPTANCE TEST PROCEDURE	ATP: 10025	S/N:
	PREPARED BY: [redacted]	CHECKED BY: [redacted]

REF. PAR. NO.	DESCRIPTION	REQUIREMENTS	RESULTS
5.2	DRAIN UNIT & PLUG ALL PORTS	CHECK OFF	Accept
5.3	SEAL END GLAND THREADS PER DPS 2.50	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.4	APPLY TORQUE STRIPES TO END GLAND	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.5	LOCKWIRE PER D.P.S. 5.651	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.6	IDENTIFY PER D.P.S. 3.02	CHECK OFF	TEST NOT PERFORMED (Group Decision)
5.7	ATTACH NAMEPLATE PER D.P.S. 1.07-47 TYPE 4	CHECK OFF	TEST NOT PERFORMED (Group Decision)