



**PHYSICAL SURVEY REPORT
AMERICAN AIRLINES
B727-223 ADV
REG. N859AA S/N 21086**

AVIONICS INVENTORY

<u>Nomenclature</u>	<u>Manufacturer</u>	<u>Model / Part No.</u>
Weather Radar	Bendix	RDR-1F
ILS Compass Rack, No. 1 & 2	Sperry	614937-101
Steering Computer, No. 1 & 2	Collins	562A-5F
Instrument Amplifier, No. 1 & 2	Collins	344C-1B
Flight Instrument Accessory Unit	Boeing	65-60214-106
Comparator Warning Monitor	Collins	54W-1
VHF Nav., No. 1 & 2	Collins	51RV-1
Global Positioning System	Trimble	HT9100
Upper Yaw Damper	Sperry	4030952-901
Lower Yaw Damper	Sperry	4030952-901
Air Data Computer, No. 1	Honeywell	HG480B13
Air Data Computer, No. 2	Honeywell	ABB4321
Battery Charger	Eldec	2-301
Pitch Control Channel A	Sperry	2585804-9
Roll Control Channel	Sperry	4030951-901
Auto Pilot Accessory Unit	Boeing	65-24917-42
Performance Data Computer	Lear Siegler	163356-85-01
Static Inverter	Bendix	39B168-1-B
Battery	Saft	016833000
Anti-Skid	Crane	Mark II
Cabin Temperature Controller	Garrett	54A376-4
Fire / Overheat Detect Accessory Unit	Boeing	65-24920-3
Left Window Heat Controller, No. 1 & 2	Pacific Electro	231-2
Right Window Heat Controller, No. 1 & 2	Pacific Electro	231-2
Landing Gear Accessory Unit	Boeing	65-60211-32
Marker Beacon	Collins	51Z-4
ATC Mode S Transponder, No. 1	Bendix / King	TRA-67A
ATC Mode C Transponder, No. 2	King	KXP7500
DME, No. 1 & 2	Collins	860E-4
Maintenance Cargo Fire Unit	Simmonds Precision	301A5-0102

AVIONICS INVENTORY

continued

<u>Nomenclature</u>	<u>Manufacturer</u>	<u>Model / Part No.</u>
VHF Comm., No. 1	Collins	618M-3
VHF Comm., No. 2	King	KTR9100A
Selcal	Motorola	NA136
Passenger Address Amplifier	Gables	G-947B
Audio Accessory Unit	Boeing	65-52804-13
Radio Altimeter	Collins	860F-1
P.A. Accessory Unit	Boeing	65-26200-9
GPWS / Windshear	Sundstrand	Mark VII
RFU	Claircom	1013893-0001
Power Supply Unit	Claircom	1013487-0001
Base Band Unit	Claircom	1013973-0002
ACAS II Processor (Enhanced)	Honeywell	TPA-81A
Vertical Gyro, No. 1 & 2	Bendix	19917-2C
Directional Gyro, No. 1 & 2	Sperry	2588302-4
Voltage Regulator, No. 1-3	Westinghouse	905D977-4
Load Control, No. 1-3	Sundstrand	700662A
Generator Control Panel, No. 1-3	Westinghouse	902F242-5
Transformer Rectifier, No. 1-3	Eldec	2-299
Bus Protection Panel	Westinghouse	902F283-2
APU Voltage Regulator	Westinghouse	905D977-4
APU Generator Control Panel	Westinghouse	902F242-5
Digital Flight Data Recorder	Allied Signal	980-4120-RXUS
Cockpit Voice Recorder	Fairchild	A100

The following units were removed at the time of our inspection:

ACARS Optional Auxiliary Terminal

ADF, No. 1

GFMS, No. 2

Auto-Throttle Computer