

Aircraft Specification



Manufacturer: Airbus
Aircraft Model: A320-200

2017 Airbus A320-200

AIRCRAFT SPECIFICATIONS

General Aircraft Specification	
Aircraft Type	A320-232
Date of Manufacture	2017
Engine Type	V2527-A5
Total Airframe Hours	29.360
Total Airframe Cycles	13.383

Cabin Configuration			
BC:	8	EC:	174

Weight & Balance	
Certificated Maximum Takeoff Weight (lbs)	171,960
Maximum Landing Weight (lbs)	145,505
Maximum Zero Fuel Weight (lbs)	137,788
Operational Empty Weight (lbs)	94,340
Fuel Capacity (US gallons/lbs)	6,396
Weight Variant	17

Maintenance Inspection Data

Type of Check	Check Interval	Last Check	Next Check Date
C-Check	36 Months	12/31/25	12/31/28

Type of Check	Check Interval	Last Check	Next Check Date
6Y	72 Months	01/31/23	2029

Type of Check	Check Interval	Last Check	Next Check Date
12Y	144 Months	NA	2029

Engines

Type	Position	ESN	TSN	CSN	TSLSV	CSLSV	LIMIT	LIMITER
V2527-A5	1	xxx58	27,238	12538				VARIOUS
V2527-A5	2	xxx50	27,881	12773				VARIOUS

Landing Gear

Type	Part Number	Serial Number	Last OH	Cyc/Time Intervals		CSN	Time Next Due	
LH MLG			NA	20,000/12YRS		13,383		1000 days
NLG			NA	20,000/10YRS		13,383		365 days
RH MLG			NA	20,000/12YRS		13,383		1000 days

Notes:-

Vxxx50 - was due for RSV1 ~8/2027 as anticipated... but not mandatory..

LLPs have like ~6736 FC remaining due ~2/2029 as anticipated

No reduced BSLs re-inspections are currently tracking

No other AD's tracking open that will require engine shop visit induction.

Vxxx58 - was due for RSV1 ~10/2027 as anticipated... but not mandatory..

LLPs have like ~6980 FC remaining due ~2/2030 as anticipated

engine on reduced 750FH borescope reinspect for Combustor Chamber and HPT NGV's

No other AD's tracking open that will require engine shop visit induction.

EGTM, see charts attached.

Synopsis:-

Vxxx50, compared to Vxxx58, shows better EGT performance; however, both engines are within the average operating range and not within the best EGT rank amongst the V2500 fleet.

Vxxx58 shows indications of earlier hot-section distress based on their 750-reduced BSI findings and should be watched carefully for a potential "premature" removal before complete performance loss and RSV1 due time.

Vxxx50 should be able to run on wing (in 27K operation) as the operator was observing, it was due for hot section refurbishment.

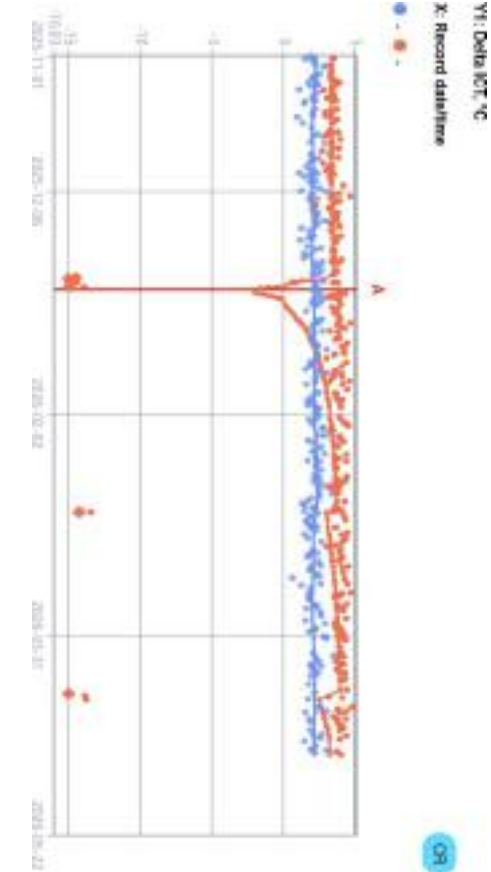
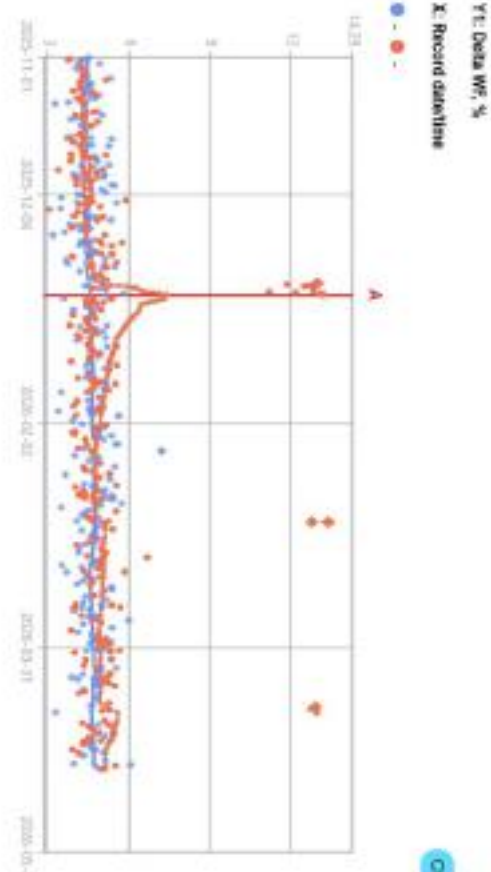
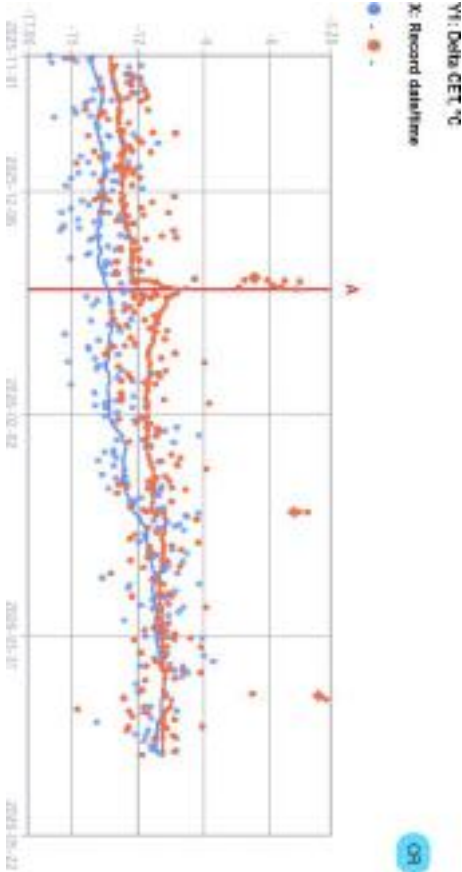
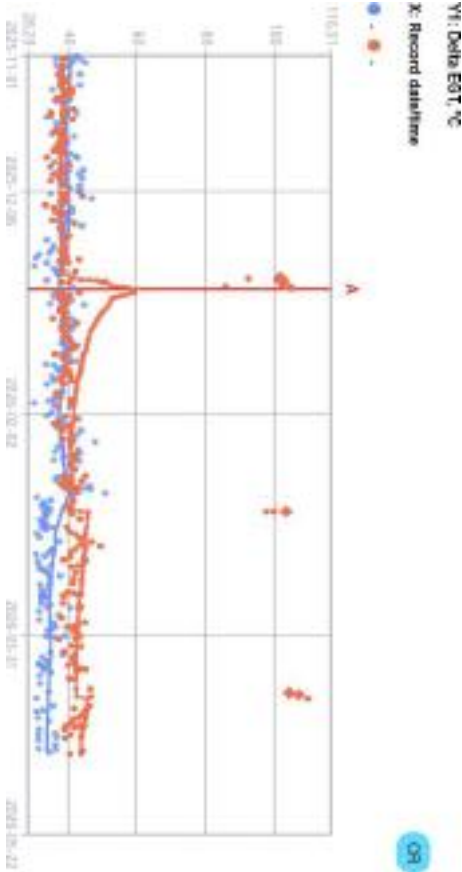
- V1xxx58

Vxxx50
- (2)

(1)
- Spirit Airlines

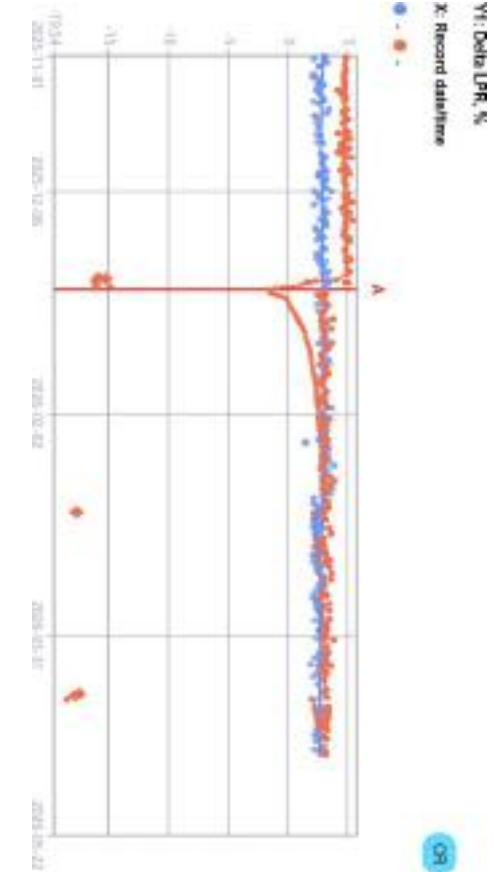
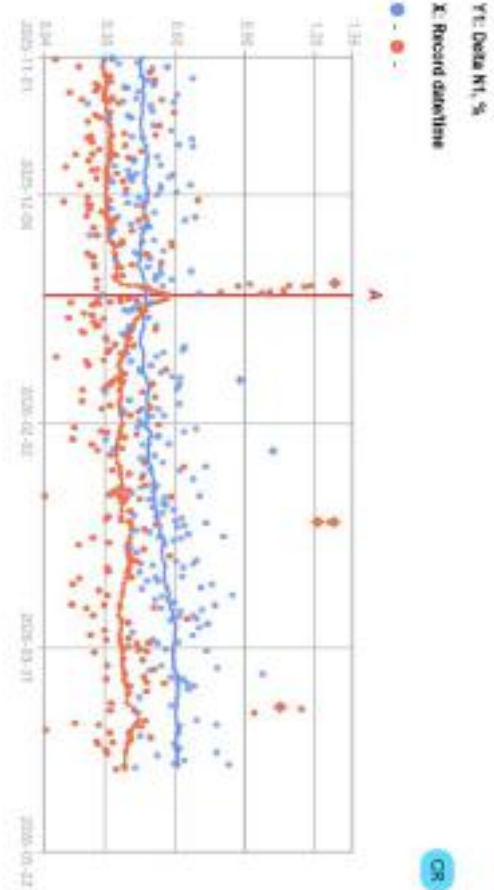
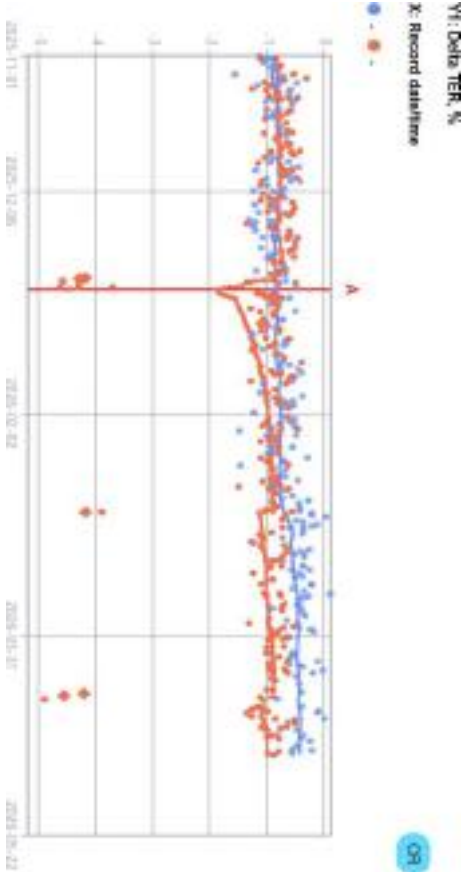
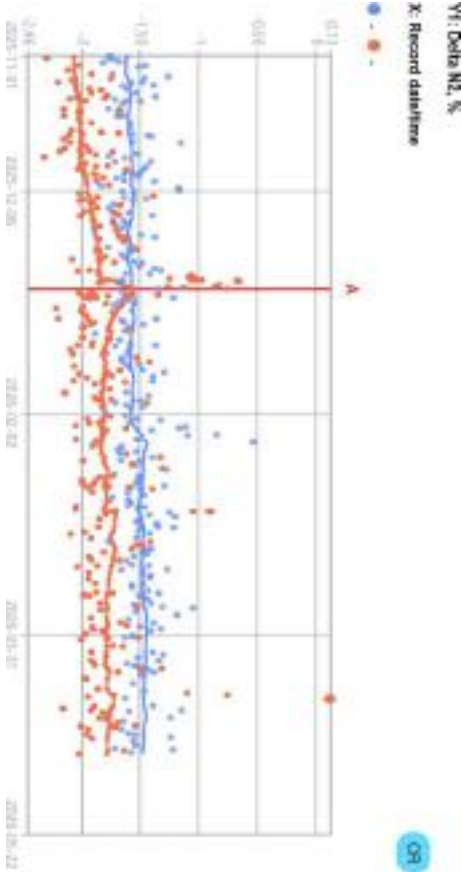
Spirit Airlines
- V2527-S1

V2527-S1



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U.S. Export Classification: EAR ECCN EAR99

● Vxxx58 (2) Spirit Airlines V2527-S1
● Vxxx50 (1) Spirit Airlines V2527-S1



- Vxxx58

(2)

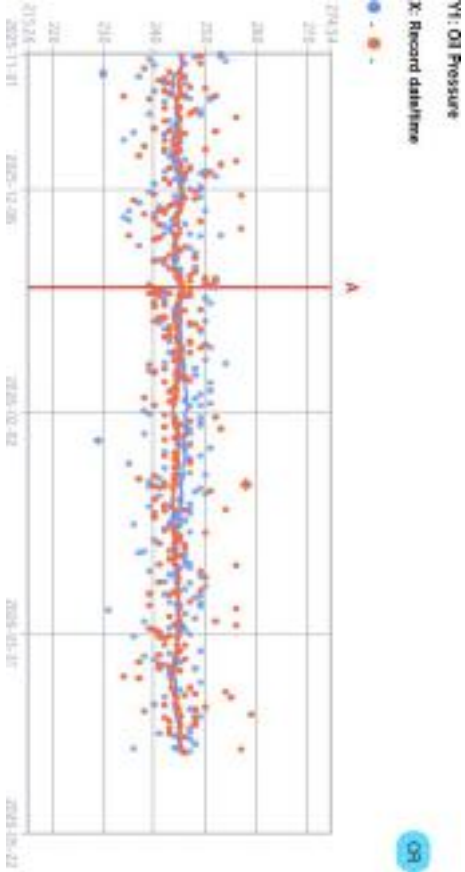
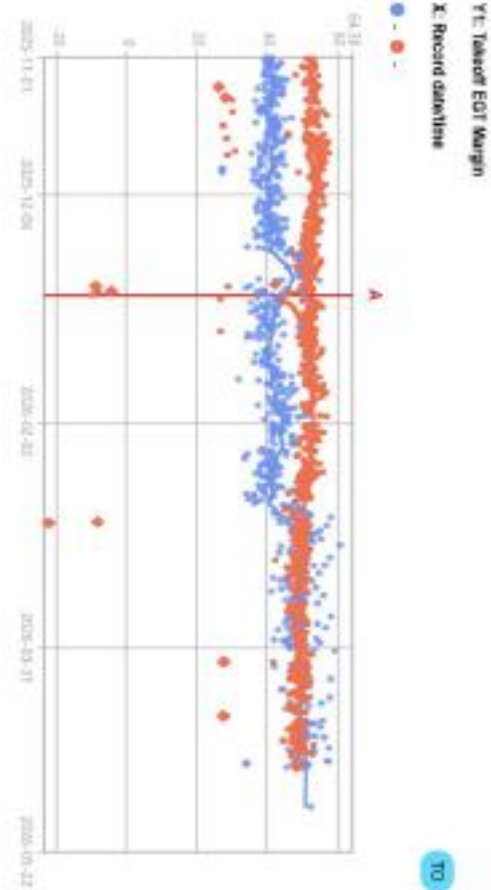
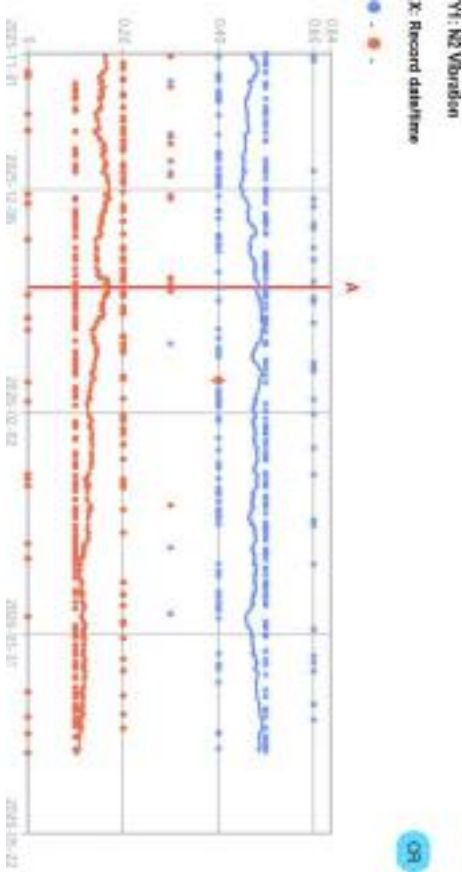
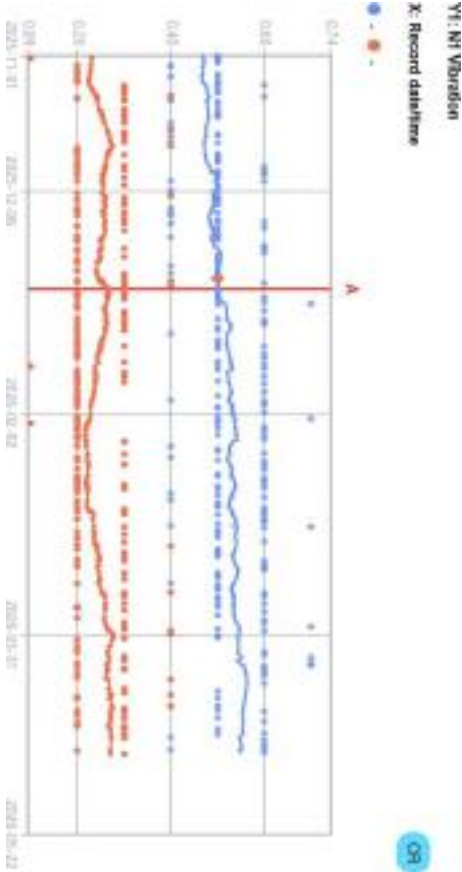
Spirit Airlines

V2527-S1
- Vxxx50

(1)

Spirit Airlines

V2527-S1



AVIONICS

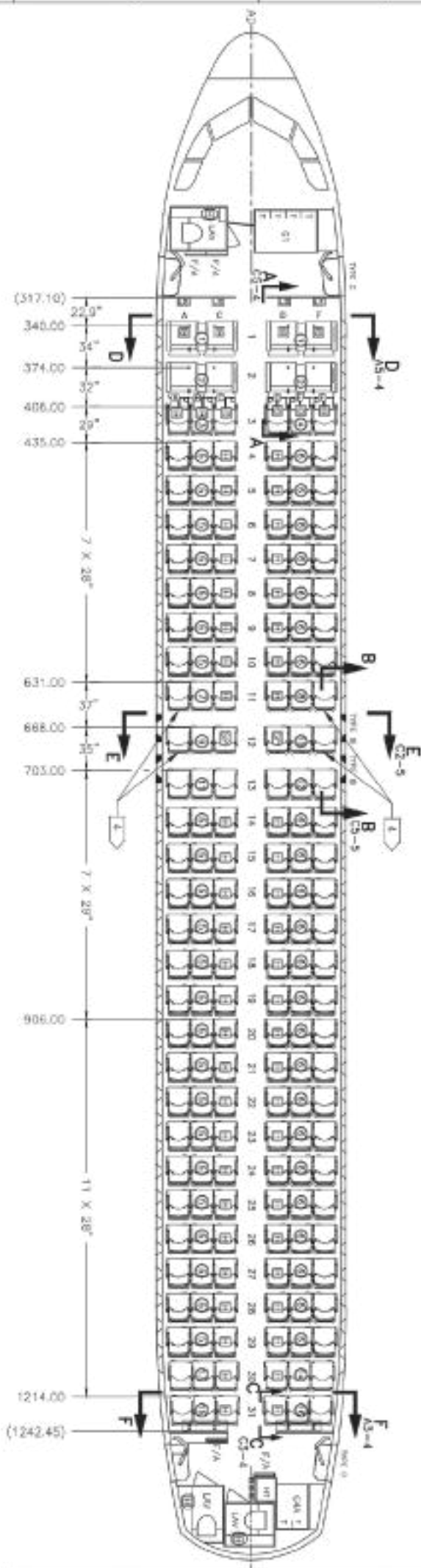
Components	Part Number	Vendor	Qty
GPS ACTIVE ANTENNA	071-50029-5510	HONEYWELL	4
ISIS INDICATOR	C16786EA01	THALES	1
FMGC	C13207DA00	THALES	2
ADIRU	HG2030BE04	HONEYWELL	3
ADF ANTENNA	615-2630-102	THALES	1
MARKER ANTENNA	6204-89-00	CHELTON ANTENNAS	1
DME ATC ANTENNA	2439-89-03	CHELTON ANTENNAS	6
RADIO ALTIMETER ANTENNA	071-50026-0400	HONEYWELL	4
GAPCU	1700667D	GOODRICH SENSORS	1
TRANSFORMER RECTIFIER	Y192	TFE TECH	3
ACP	ACP2788AD01	COBHAM AVIONICS	3
VHF ANTENNA	2438-89-00	CHELTON ANTENNAS	3
EIU	3957985206	THALES	2
DISPLAY UNIT	C19755BA01	THALES	6
VOR MKR RECEIVER	066-50012-1212	HONEYWELL	2
TRA-100B TRANSPONDER	066-01212-0101	HONEYWELL	2
GLIDE SLOPE ANTENNA	6202-89-62	CHELTON ANTENNAS	1
LOCALIZER ANTENNA	6207-88-62	CHELTON ANTENNAS	1
FUEL QUANTITY IND SYSTEM	30320-0201	GOODRICH SENSORS	1
CFDIU	C12860AA04	THALES	1
DMC	1982660116	THALES	3
STATIC INVERTER	4188-01	DIEHL	1
RMP	C12848CA01	THALES	1
BSCU	E21327106	SAFRAN LANDING SYS	1
ELAC1 OPERATIONAL PROGRAM	3945129109	THALES	2
BMC	733901-1-2	ZODIAC	2
FDAC	115370-1521	NORTHROP GROUP	2
ATSU	LA2T0G20705C070	AIRBUS	1
WEATHER RADAR TRANSCEIVER	930-1005-003	HONEYWELL	1
FCU	C12850AC03	THALES	1
TCAS ANTENNA	071-50001-8104	HONEYWELL	2
RADIO ALTIMETER TRANSCEIVER	066-50007-0432	HONEYWELL	2
ADF RECEIVER	066-50014-1202	HONEYWELL	1
SELCAL CODE CONTROL BOX	BC2065C	COBHAM AVIONICS	1
MCDU	4089740-961	HONEYWELL	2
DME INTERROGATOR	066-50013-1222	HONEYWELL	2
VOR ANTENNA	6205-89-63	CHELTON ANTENNAS	1
LEVEL SENSING CONTROL UNIT	30042-0601	HONEYWELL	1
THROTTLE CONTROL UNIT	330400M01	SFC AEROSPACE	2
CLOCK	APE5100-1	AIR PRECISION	1

DATA LOADING SELECTOR	DLSA100	SAFRAN LANDING SYS	1
FDIMU	2234320-01-01	TELEDYNE TECHNOLOGY	1
HF TRANSCEIVER	964-0452-052	ROCKWELL COLLINS	1
GPWC	69000942-251	HONEYWELL	1
CURRENT UNBALANCE SENSOR	310ZN01	AIRBUS NA SALES	2

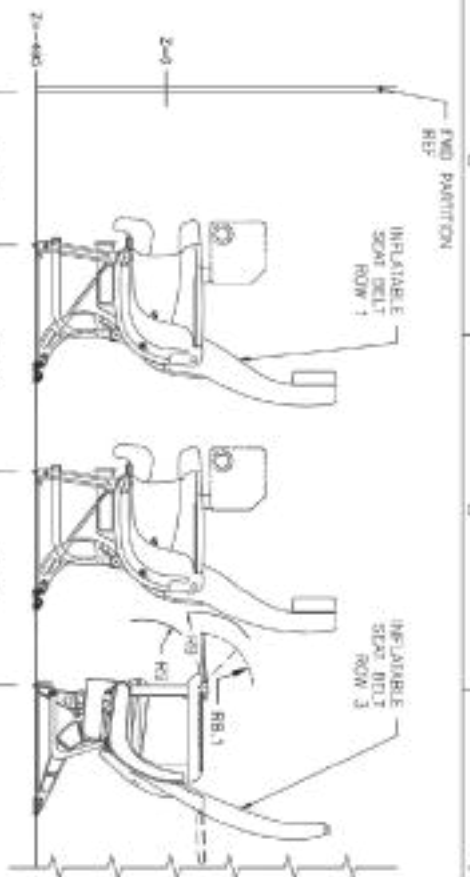
AVIONICS

Components	Part Number	Vendor	Qty
AEVC	87292325V07	THALES	1
ACCELEROMETER	17A717-03-00	L3 AVIATION	1
CIDS DIRECTOR	Z014H000333B	AIRBUS	2
CVR	980-6032-023	HONEYWELL	1
FAC	C13206AA00	THALES	2
STANDBY COMPASS	PGA0105W	SIRS	1
ATC TCAS CONTROL UNIT	G6990-40	GABLES	1
LEVEL SENSING CONTROL UNIT	30042-0000-0501	SIMMONDS	1
SSFDR	980-4750-002	HONEYWELL	1
DLRB	DLRBA000	SAFRAN ELECTRONICS	1
ECAM CONTROL PANEL	35-0L0-1002-05	CHELTON ANTENNAS	1
AMU	AMU4031SA140204	COBHAM AVIONICS	1
PREAMPLIFIER MODULE	93A150-20	L3 AVIATION	1
SEC	B372CAM0100	THALES	3
FWC	350E053021818	AIRBUS	2
SDAC	350E5500206	AIRBUS	2
RMP	C12848CB01	THALES	1
FDU	3721-00	THALES	1
WEATHER RADAR CONTROL UNIT	930-6201-002	ROCKWELL COLLINS	1
EVMU	241-247-012-005	MEGGITT SENSING SYS	1
HF ANTENNA COUPLER	964-0453-001	ROCKWELL COLLINS	1
TRANSMITTER RECEIVER	930-2000-020	HONEYWELL	1
TCAS COMPUTER	940-351-005	ROCKWELL COLLINS	1
FIRE DETECTION	3721-00	L'HOTELLIER	2

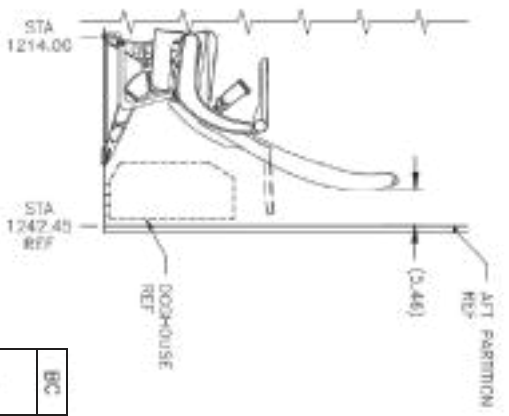
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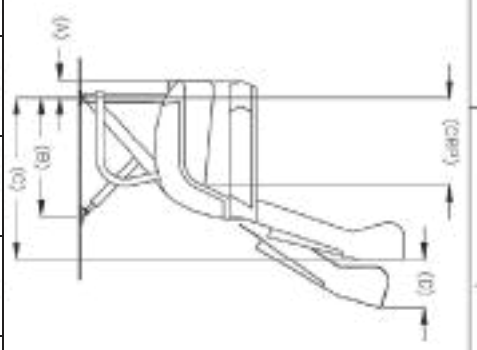
-301 INSTALL LAYOUT, PAX SEATS
 8 SEC / 174 WC (182 PAX)



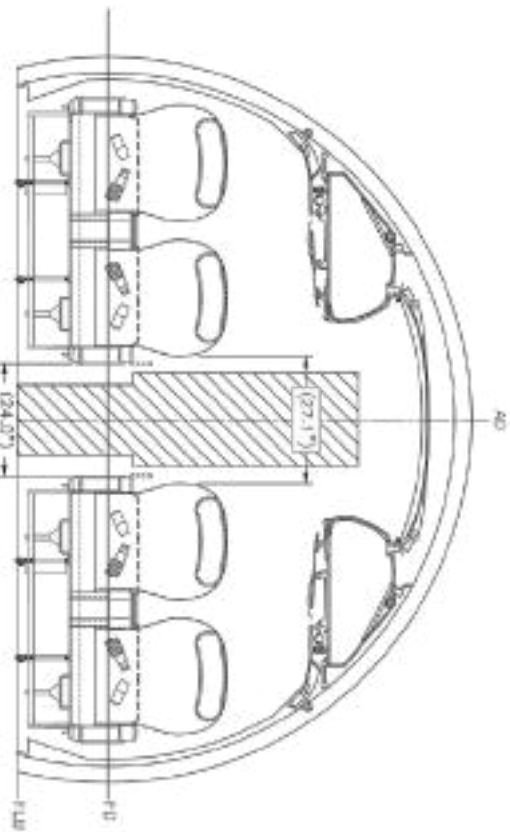
VIEW A-A
ROWS 1 - 3
VIEW LOOKING OUTBOARD
LH OPPOSITE



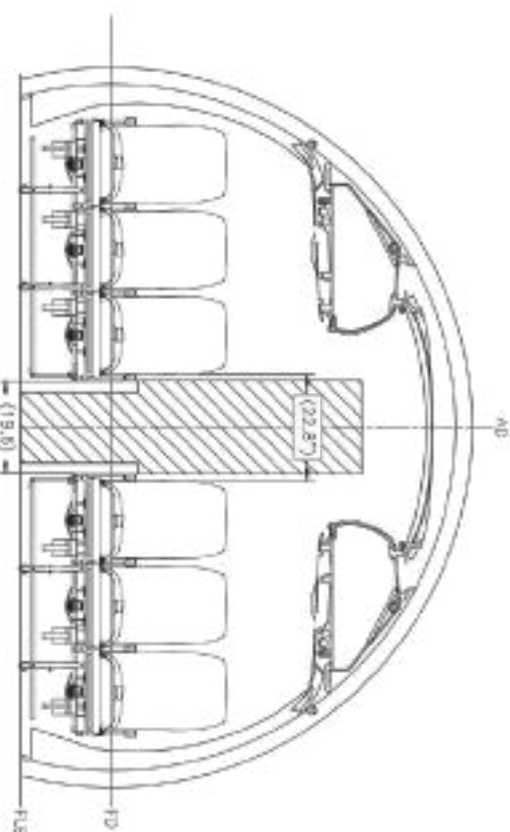
VIEW C-C
ROW 31
VIEW LOOKING OUTBOARD
LH OPPOSITE



BC	LAT	SID/ER/ LR/RB/RR	YC	OWE	PAX SEAT MAIN DIMENSIONS - REF ONLY				
					(A)	(B)	(C)	(D)	(CRP)
					(A)	(B)	(C)	(D)	(CRP)
	4.00"	20.00"	24.00" L.D.	0"	15.0"				
	54"	19.00"	22.99"	0"	14.69"				
	1.98"	19.00"	23.22"	0"	14.69"				
	54"	19.00"	21.04"	0"	14.69"				



VIEW D-D
BC SEATS - ROW 1
VIEW LOOKING AFT
MINIMUM AISLE WIDTH PER 14 CFR 25.815



VIEW F-F
YC SEATS - ROW 31
VIEW LOOKING AFT
MINIMUM AISLE WIDTH PER 14 CFR 25.815

