

AIRCRAFT SPECIFICATION

AIRCRAFT DATA	
REGISTRATION NUMBER	N228AW
MODEL	BOEING 737-33A
YEAR OF MANUFACTURE	15-feb-91
MSN	25032
CERTIFICATE TYPE	A16WE
MANUFACTURER	BOEING



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1. GENERAL SPECIFICATION

Manufacturer	Boeing
Model	B737-33A
MSN	25032
Variable Number	PP930
Line No.	2014
Current Registration	N228AW
Date of Manufacture	15 FEB 1991
Delivery Date to Operator	08 MAR 1991
Aircraft Owner	Peniel Aerospace
Asset Manager	Peniel Aerospace
Previous Operator	Aerodesierto - LAW
EFIS	Yes
Approach Category	Category III
Noise Compliance	FAR Part 36
ETOPS Capability	No
RVSM	Yes
Type Certification Data Sheet	Yes
Type Certificate Model	B737-300
SELCAL Code	None(Deactivated)
Winglets	No
Observer Seat	Yes
Cabin Attendant Seat	Yes
Stretcher Loading Capability	Yes
Interior Placards & Markings	Yes
Cargo Loading Summary	Yes
Reinforced Flight Deck Door	Yes
Airframe TSN (as of FEB 2022)	58494
Airframe CSN (as of FEB 2022)	35722

2. CERTIFIED WEIGHT

Description	Pounds	Kilogram
Maximum Taxi Weight (MTW)	135,500	61,463
Maximum Take-Off Weight (MTOW)	135,000	61,236
Maximum Landing Weight (MLW)	114,000	51,710
Maximum Zero Fuel Weight (MZFW)	106,600	48,308
Basic Empty Weight	71,606	32,480
Date of Last Weighing	Dec- 2022	

*OEW obtained from Batavia Air Weight & Balance report

3. FUEL TANK CAPACITIES – MAXIMUM ALLOWABLE FUEL WEIGHT

FUEL		Total
Volume	Liters	20,104
	US Gallon	5311
Weight	(0.8507 Kg/l) Kg	46,571
	(8.1 lb/US Gal) lb	

4. ENGINES

4.1 - No. 1 Engine & No. 2 Engine

ENGINES.		
TC Specs: <u>E2GL</u> Engine1	Rev. <u>11.</u>	Date: 05 APRIL 2007.
TC Specs: <u>E21EU</u> Engine2	Rev. <u>11.</u>	Date: 05 APRIL 2007.
TC Specs: A16WE APU		
POSITION	ENG N° 1	ENG N°2
MODEL	CFM 56 – 3C1	CFM 56 – 3B2
SERIAL NUMBER	856342	725203
TOTAL HOURS	49980 FH	66437
TOTAL CYCLES	43515 FC	46286
TSO HOURS	11:09	11:09
TSO CYCLES	4	4
FAA.8130 DATE	July-21-2021	November-26-2021
REPAIR STATION	ATS FAA.REP-24V788D	ATOPS FAA.REP-9EZR432C

4.2 No. 1 Engine Limiters

See LLP Engine Annex

4.3 No. 2 Engine

See 4.1

4.4 No. 2 Engine Limiters

See LLP Engine Annex

5. APU

Manufacturer	Honeywell
Model	GTCP85-129H
Part No.	380428-10-1
Serial No.	P-100206
Date of Manufacture	-
TSN (as of 31 DEC 2018)	29,970:55
CSN (as of 31 DEC 2018)	N/A
Last Shop Visit Date	05/OCT/2018
Last Shop Visit TSN / CSN	TBD
Last Shop Visit Reason	TBD
TSN / CSN Since Last Shop Visit	1233

6. LANDING GEARS

6.1 Nose Landing Gear

LANDING GEAR AND *COMPONENTS			
	<u>NOSE LANDING GEAR</u>	<u>MAIN LANDING GEAR LH</u>	<u>MAIN LANDING GEAR RH</u>
SERIAL NUMBER	T5252P241	SS1731	SS1708
PART NUMBER	65-73762-21	65-73761-127	65-73761-128
INSTALLATION DATE	DATE :2018-02-01 58064 FH 35595 FC	DATE :2022-02-15 58493 FH 35722 FC	DATE :2022-02-15 58493 FH 35722 FC
NEXT DUE	2028-02-01 90064 FC	2032-02-15 90493 FC	2032-02-15 90493 FC
INTERVAL OH	10 YEAR – 32000 CYCLES		

*LG Life limit : See details Annex NLG-MLG (L-R)

6.2 Left Main Landing Gear

See 6.1

6.3 Right Main Landing Gear

See 6.1

7. FOREIGN REGULATORY MODIFICATIONS

TYPE	INSTALLED
BRNAV	YES
8.33 kHz Channel Spacing	YES
FM Immunity	YES
RVSM	YES
406 MHz ELT JAR-OPS 1.820	YES
ADS-B	YES

8. MAINTENANCE DETAILS

8.1 Airframe Maintenance Program

Approved Maintenance Program Reference	(MP) 04-PR-AOC-01 Rev. 1
NAA Authorization	FAA
Applicable OEM MPD Revision	Boeing MPD D6-38278
Task References OEM Based	MPD-D6-38278-327 MAR 25.2020
Maintenance Provider	ASCENT MRO - PULSAR MRO
Corrosion Prevention Program	CPTC D6-38278 REV C- 2007
Structural Inspection Program	SSDI D6-82669 OCT 2015
Maintenance Organization Certificate	PULSAR MRO
Repair Capability	PULSAR SPECS

8.2 Engine Maintenance Program

Engine Condition Monitor	None
De-rate Policy	None
Shop Visit Policy	None

8.3 APU Maintenance Program

APU Condition Monitor	On Condition
Shop Visit Policy	None

8.4 Airframe Maintenance Interval & History

Type of Checks	Check Interval	Future Extension
A Check	250 FH	None
C Check	4,000 FH	None
SI Check	24,000 FH	None

*Last Accomplish- See Annex Check Status

9. AVIONICS & ELECTRONIC

ATA 22 – Autoflight			
Nomenclature	Manufacturer	Part No.	Quantity
Flight Control Computer	Sperry SP-300	4051600-914	2
Yaw Damper Module	Honeywell	4084042-91	1
Auto Throttle Computer	Smiths	755 SUE 10-12	1
ATA 23 – Communications			
VHF Transceiver	Rockwell Collins	822-1044-004	3
Remote Electronic Unit	Av-Tech	5140-1-1	1
Cockpit Voice Recorder	Fairchild	93-A100-80	1
SECAL Decoder	Motorola	NA137-714B	1
ATA 31 Indicating/Recording System			
DFDAU	Teledyne Controls	2233000-3-B	1
ATA 34 Navigation			
ADF Receiver	Collins	777-1492-005	2
Air Data Computer	Smiths	501FAD1-1	2
Marker Beacon Receiver	Collins	522-2996-011	1
Mode S Transponder	Collins	622-7878-201	2
DME Interrogator	Collins	622-2921-006	2
PDC	TBD	TBD	1
PDC-CDU	TBD	TBD	1
EGPWS Computer/Winshear	Honeywell	965-0976-020-216-216	1
ACARS Management Unit	Teledyne Controls	2229885-35	2
Radio Altimeter	Collins	622-3890-014	1
TCAS II Computer Change 7	Collins	822-1293-002	1
Weather Radar Transceiver	Collins	622-5132-106	1

OPERATIVE FRECUENCIES	
VHF	118.000 MHZ – 136.975 MHZ (SPACE CHANNEL 8.33 KHZ)
HF	2.000 KHZ – 29.999 KHZ (SPACE CHANNEL 0.1 KHZ)

ELT	
ARTEX C406-1	
CODE	DAA64 BAE638 F33 1
PART NUMBER	453 – 5002 – (366)
SERIAL NUMBER	210-02288
INERTIAL FUNTIONAL SWITCH	OPERATIVE
MANUFACTER	ARTEX AIRCRAFT
BATERY DUE DATE	JUNE 30- 2022

UWLB		
	CVR	FDR
MANUFACTER	DUKANE	DUKANE
SERIAL NUMBER	DK120	DK120
PART NUMBER	DU50308	SC69737
BATTERY DUE DATE	OCT 2026	OCT 2026

RADAR			
COLLINS	622-5132-106		
MODE OF FUNTION	METAR	MAP	ALERT
	X	X	X

RADIO ALTIMETER	
COLLINS	622-3890-020
RANGE	2500 feet

PASSENGER SEATS	
TOURIST	48 TRIPLE SEATS